

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\  
 Data File : BG021642.D  
 Acq On : 14 Apr 2016 6:16  
 Operator : UM/SJ  
 Sample : H1824-04  
 Misc : L00-SOIL-20PPB  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

Quant Time: Apr 14 11:42:40 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 13 15:48:13 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.22  | 152  | 27373    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.03 | 136  | 120538   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.82 | 164  | 77642    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.56 | 188  | 187438   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.83 | 240  | 228609   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.15 | 264  | 217735   | 20.00 | ng    | -0.01    |

|                             |       |     |        |        |    |      |
|-----------------------------|-------|-----|--------|--------|----|------|
| System Monitoring Compounds |       |     |        |        |    |      |
| 5) 2-Fluorophenol           | 5.76  | 112 | 251503 | 153.00 | ng | 0.00 |
| 7) Phenol-d6                | 7.36  | 99  | 361673 | 147.30 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.38  | 82  | 213142 | 90.89  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 16.30 | 330 | 125080 | 149.48 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 13.46 | 172 | 492839 | 93.00  | ng | 0.00 |
| 78) Terphenyl-d14           | 20.14 | 244 | 832362 | 90.85  | ng | 0.00 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.63  | 88  | 11434  | 15.63 | ng | 91     |
| 3) Pyridine                    | 4.04  | 79  | 32908  | 14.99 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.95  | 42  | 17850  | 16.40 | ng | # 92   |
| 6) Aniline                     | 7.54  | 93  | 40100  | 12.35 | ng | 95     |
| 8) 2-Chlorophenol              | 7.77  | 128 | 35343  | 17.94 | ng | 94     |
| 9) Benzaldehyde                | 7.35  | 77  | 32694  | 23.03 | ng | 94     |
| 10) Phenol                     | 7.39  | 94  | 49740  | 18.83 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.63  | 93  | 34891  | 16.51 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 8.11  | 146 | 36051  | 16.38 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.25  | 146 | 36460  | 16.27 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.57  | 146 | 35766  | 16.64 | ng | 94     |
| 15) Benzyl Alcohol             | 8.45  | 79  | 34084  | 18.16 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.75  | 45  | 69788  | 15.41 | ng | 95     |
| 17) 2-Methylphenol             | 8.64  | 107 | 33532  | 18.36 | ng | 93     |
| 18) Hexachloroethane           | 9.31  | 117 | 13411  | 16.45 | ng | # 75   |
| 19) n-Nitroso-di-n-propylamine | 9.02  | 70  | 30240  | 15.85 | ng | # 96   |
| 20) 3+4-Methylphenols          | 8.97  | 107 | 46649  | 18.67 | ng | 97     |
| 22) Acetophenone               | 9.04  | 105 | 54961  | 16.37 | ng | # 98   |
| 24) Nitrobenzene               | 9.42  | 77  | 44481  | 17.71 | ng | 98     |
| 25) Isophorone                 | 9.95  | 82  | 82179  | 16.01 | ng | 99     |
| 26) 2-Nitrophenol              | 10.14 | 139 | 14377  | 15.00 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 10.18 | 122 | 38487  | 17.67 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.42 | 93  | 49278  | 18.07 | ng | 93     |
| 29) 2,4-Dichlorophenol         | 10.67 | 162 | 35444  | 19.09 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.89 | 180 | 35806  | 17.94 | ng | 90     |
| 31) Naphthalene                | 11.08 | 128 | 113299 | 17.56 | ng | # 97   |
| 32) Benzoic acid               | 10.25 | 122 | 14090  | 16.49 | ng | 97     |
| 33) 4-Chloroaniline            | 11.18 | 127 | 34087  | 12.21 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.36 | 225 | 21769  | 16.91 | ng | 96     |
| 35) Caprolactam                | 11.94 | 113 | 14216  | 16.73 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 12.27 | 107 | 41487  | 17.77 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.67 | 142 | 81032  | 18.30 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216 | 40426  | 16.66 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 13.01 | 237 | 24792  | 18.39 | ng | 97     |

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 Response via : Initial Calibration

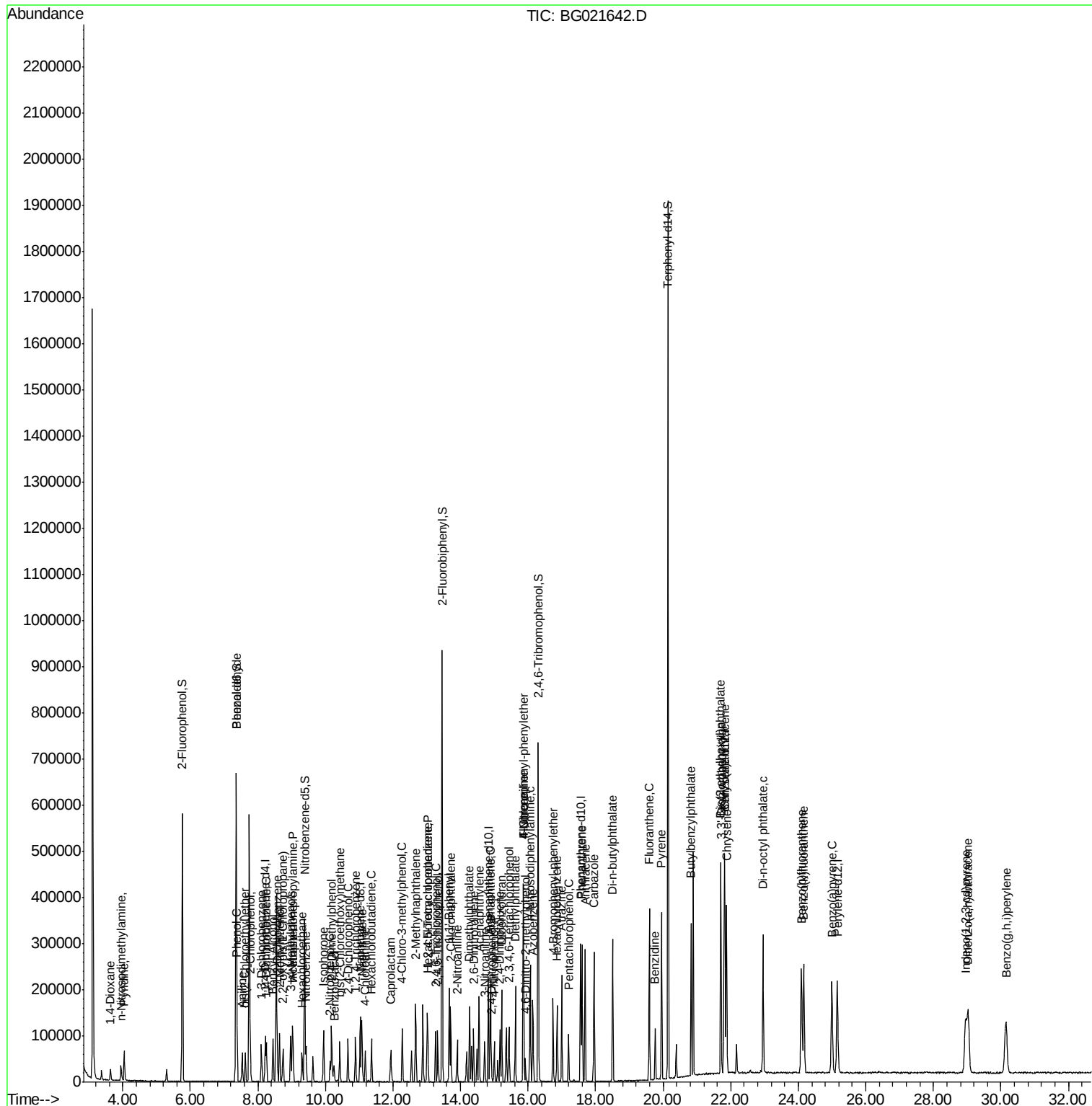
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.26 | 196  | 25731    | 16.63 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.33 | 196  | 30797    | 18.45 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 13.66 | 154  | 109292   | 16.71 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.71 | 162  | 83722    | 17.31 | ng    | 98       |
| 47) 2-Nitroaniline             | 13.90 | 65   | 28665    | 17.29 | ng    | 96       |
| 48) Acenaphthylene             | 14.55 | 152  | 139465   | 17.44 | ng    | 99       |
| 49) Dimethylphthalate          | 14.27 | 163  | 112913   | 16.82 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.38 | 165  | 23124    | 18.06 | ng    | 94       |
| 51) Acenaphthene               | 14.89 | 154  | 87582    | 17.13 | ng    | 100      |
| 52) 3-Nitroaniline             | 14.71 | 138  | 20527    | 14.46 | ng    | 97       |
| 53) 2,4-Dinitrophenol          | 14.91 | 184  | 6497     | 19.42 | ng    | # 74     |
| 54) Dibenzofuran               | 15.22 | 168  | 135258   | 19.38 | ng    | 96       |
| 55) 4-Nitrophenol              | 14.99 | 139  | 21243    | 17.48 | ng    | 96       |
| 56) 2,4-Dinitrotoluene         | 15.17 | 165  | 32136    | 18.58 | ng    | 99       |
| 57) Fluorene                   | 15.86 | 166  | 111981   | 17.96 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.44 | 232  | 26957    | 19.46 | ng    | 97       |
| 59) Diethylphthalate           | 15.62 | 149  | 121596   | 17.35 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.85 | 204  | 53253    | 17.34 | ng    | 98       |
| 61) 4-Nitroaniline             | 15.87 | 138  | 28978    | 18.55 | ng    | 94       |
| 62) Azobenzene                 | 16.14 | 77   | 115545   | 19.24 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.92 | 198  | 10467    | 17.30 | ng    | 94       |
| 65) n-Nitrosodiphenylamine     | 16.06 | 169  | 100095   | 17.81 | ng    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.75 | 248  | 34768    | 17.31 | ng    | 99       |
| 67) Hexachlorobenzene          | 16.86 | 284  | 35829    | 16.90 | ng    | 93       |
| 68) Atrazine                   | 17.00 | 200  | 40021    | 18.03 | ng    | 95       |
| 69) Pentachlorophenol          | 17.20 | 266  | 19583    | 16.18 | ng    | # 88     |
| 70) Phenanthrene               | 17.60 | 178  | 188196   | 18.22 | ng    | 99       |
| 71) Anthracene                 | 17.69 | 178  | 188703   | 17.99 | ng    | 96       |
| 72) Carbazole                  | 17.95 | 167  | 182724   | 18.67 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.50 | 149  | 223102   | 17.92 | ng    | 100      |
| 74) Fluoranthene               | 19.59 | 202  | 228927   | 18.56 | ng    | 99       |
| 76) Benzidine                  | 19.77 | 184  | 65616    | 9.22  | ng    | 99       |
| 77) Pyrene                     | 19.95 | 202  | 236946   | 17.98 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.82 | 149  | 102272   | 16.71 | ng    | 97       |
| 80) Benzo(a)anthracene         | 21.81 | 228  | 238922   | 18.16 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 42649    | 4.10  | ng    | 98       |
| 82) Chrysene                   | 21.88 | 228  | 225331   | 17.83 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.70 | 149  | 149884   | 16.75 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.96 | 149  | 255076   | 17.01 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 28.96 | 276  | 258275   | 17.19 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 24.10 | 252  | 233199   | 18.46 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 24.16 | 252  | 221176   | 17.90 | ng    | 99       |
| 89) Benzo(a)pyrene             | 24.99 | 252  | 219829   | 17.96 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 29.03 | 278  | 217681   | 17.74 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 30.15 | 276  | 215825   | 17.92 | ng    | 98       |

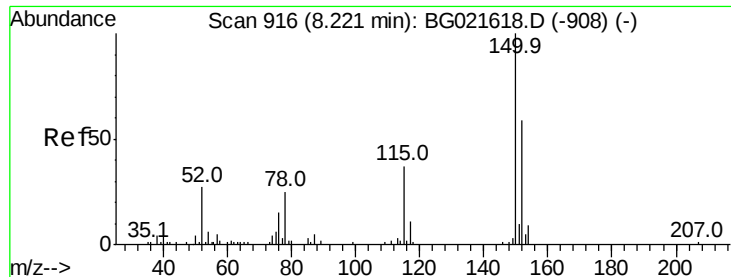
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 916

Delta R.T. -0.00 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

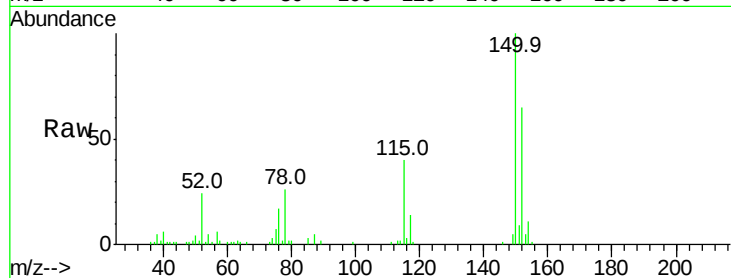
Tot Ion:152 Resp: 27373

Ion Ratio Lower Upper

152 100

150 152.7 130.1 195.1

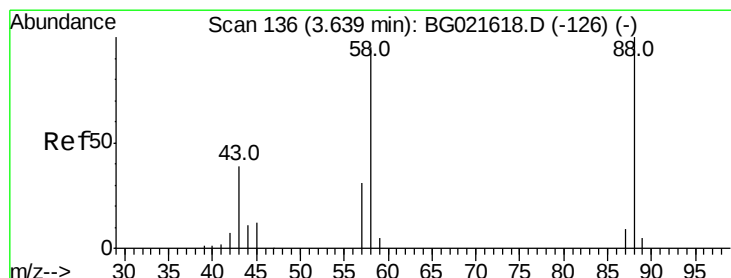
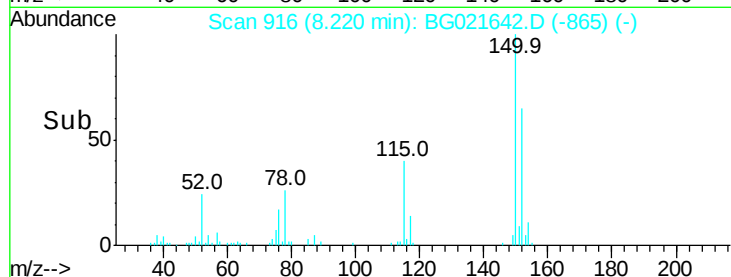
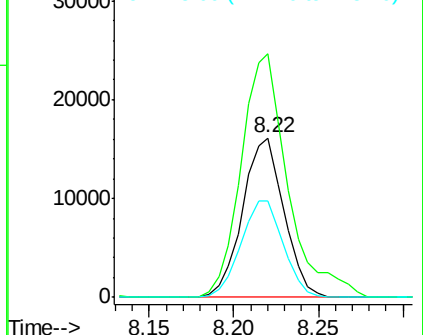
115 60.5 62.2 93.2#



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: 15.63 ng

RT: 3.63 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

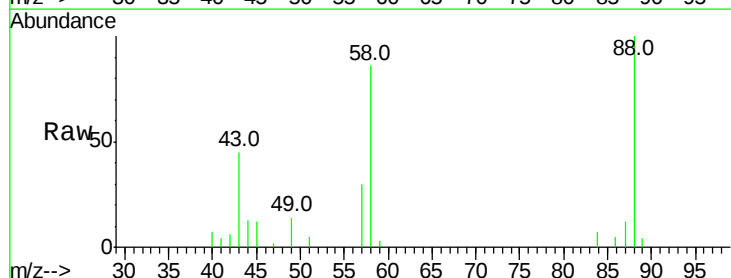
Tgt Ion: 88 Resp: 11434

Ion Ratio Lower Upper

88 100

58 87.4 61.8 92.8

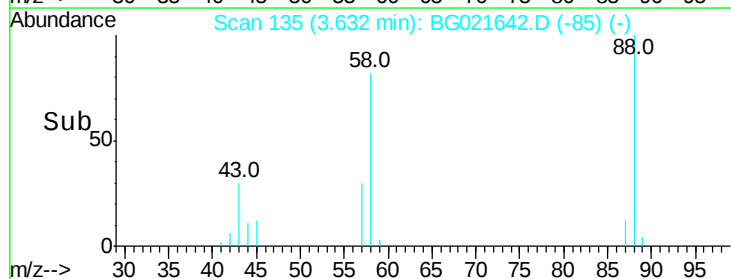
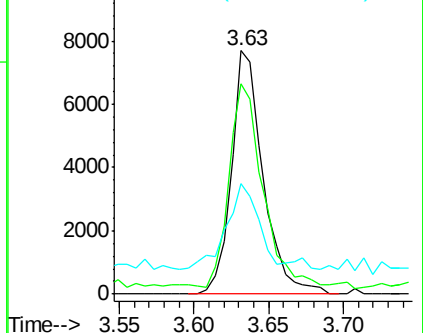
43 36.1 27.3 40.9

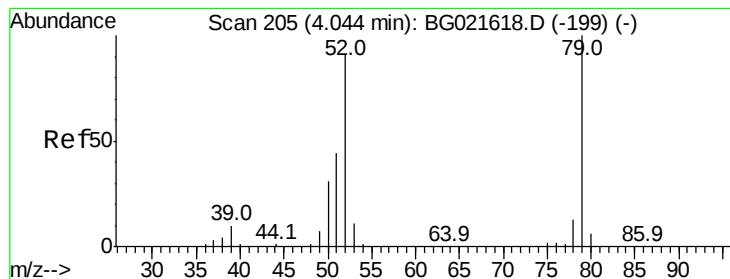


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 14.99 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

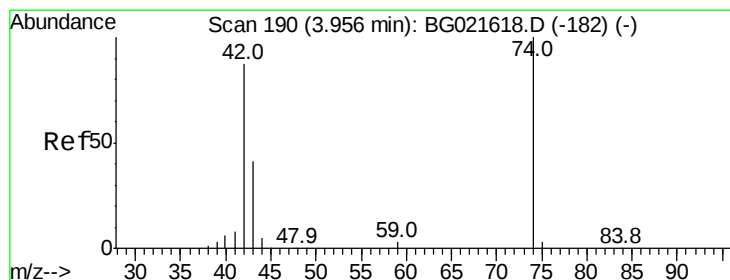
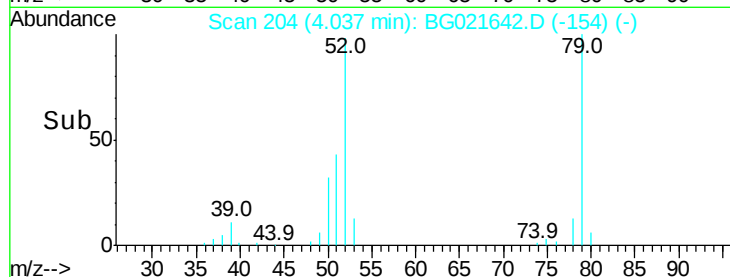
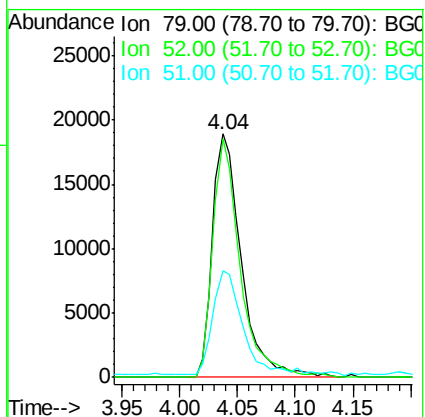
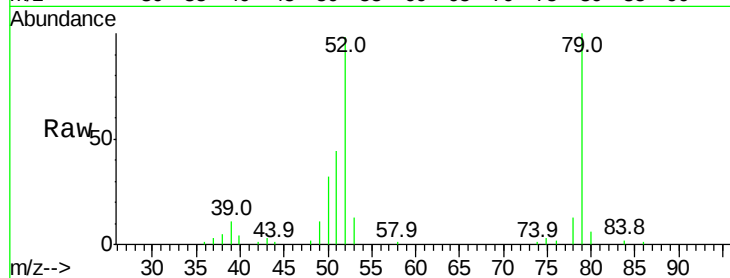
Tot Ion: 79 Resp: 32908

Ion Ratio Lower Upper

79 100

52 97.8 77.2 115.8

51 43.7 42.5 63.7



#4

n-Nitrosodimethylamine

Concen: 16.40 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

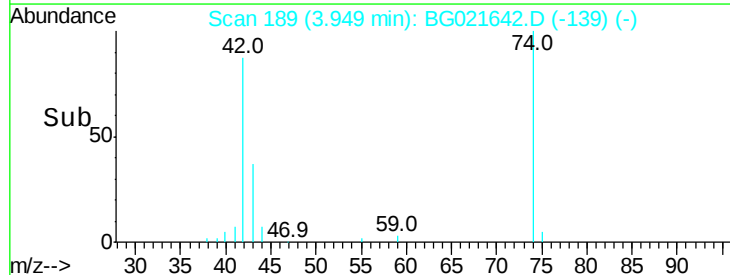
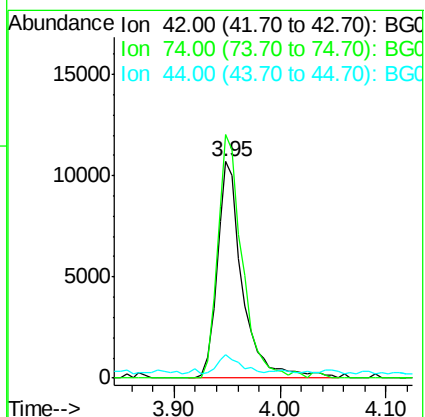
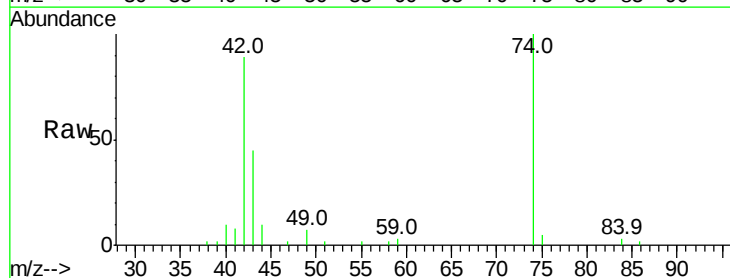
Tgt Ion: 42 Resp: 17850

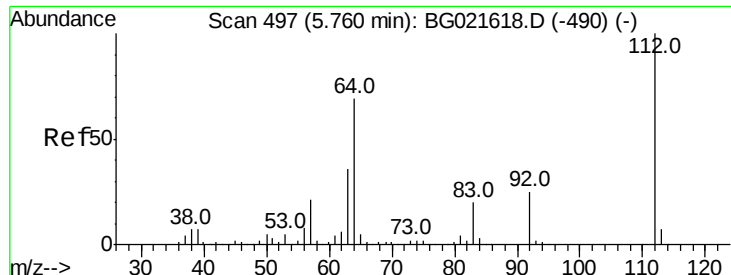
Ion Ratio Lower Upper

42 100

74 112.4 83.0 124.4

44 10.8 11.0 16.6#





#5

2-Fluorophenol

Concen: 153.00 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

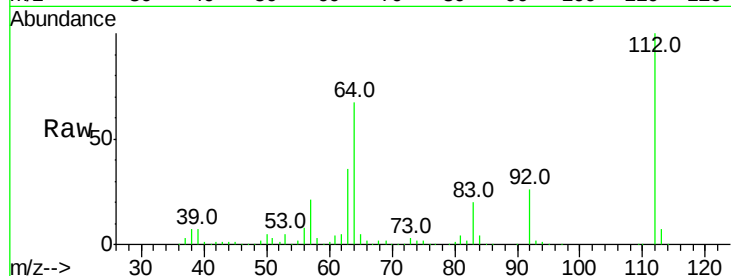
Tot Ion: 112 Resp: 251503

Ion Ratio Lower Upper

112 100

64 67.3 51.1 76.7

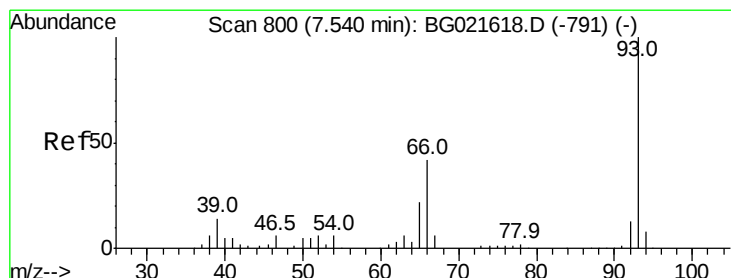
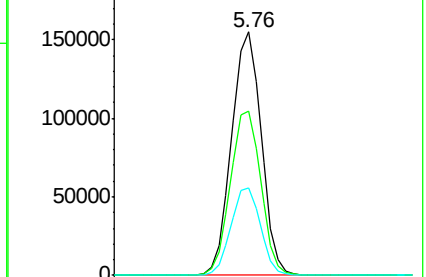
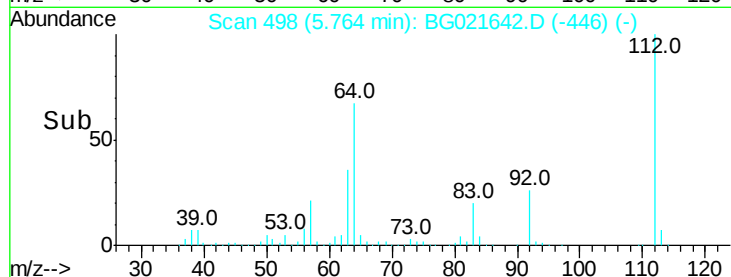
63 35.8 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.35 ng

RT: 7.54 min Scan# 800

Delta R.T. -0.00 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

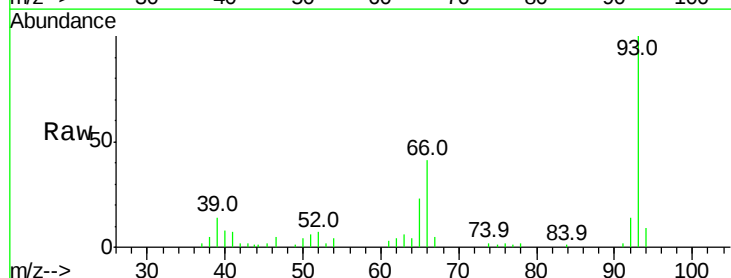
Tgt Ion: 93 Resp: 40100

Ion Ratio Lower Upper

93 100

66 40.9 36.3 54.5

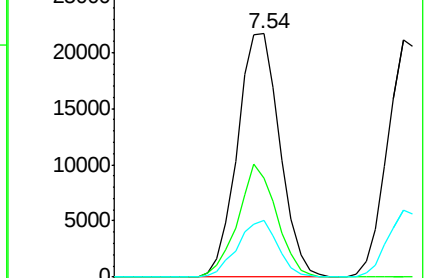
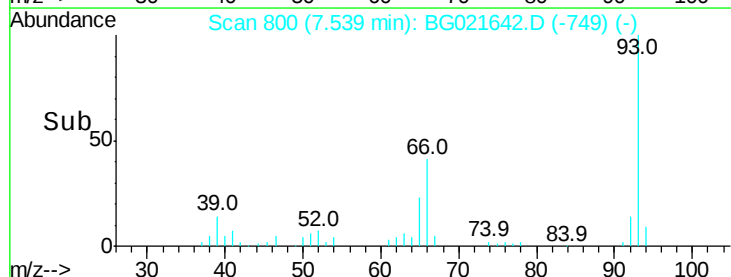
65 23.1 18.4 27.6

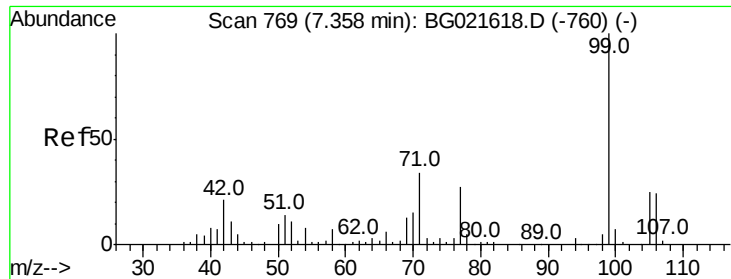


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 147.30 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

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ClientSampleId :

LOQ-SOIL2016-02

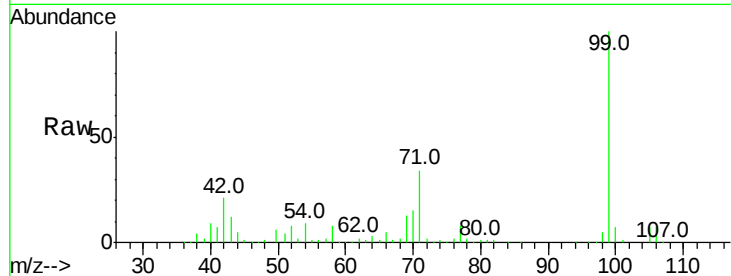
Tot Ion: 99 Resp: 361673

Ion Ratio Lower Upper

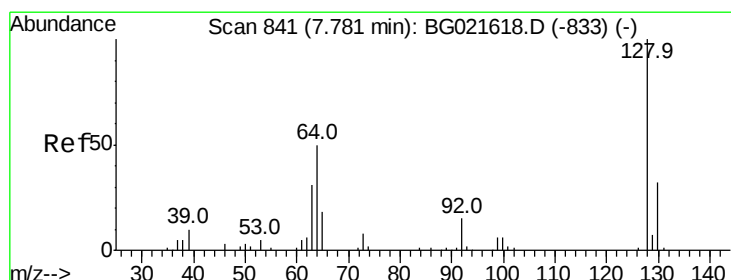
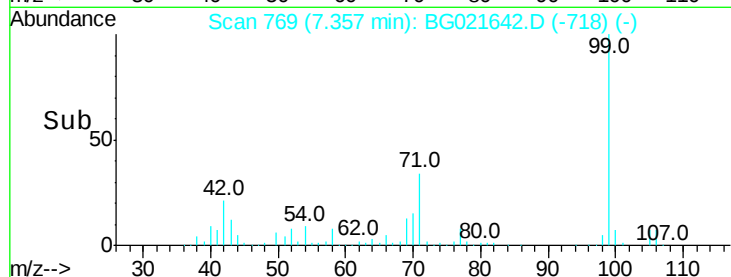
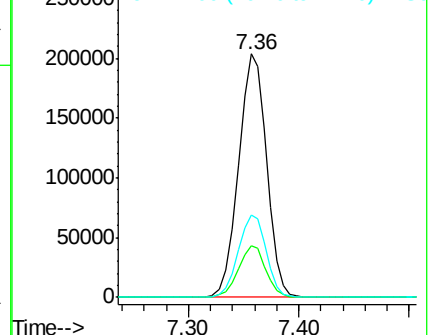
99 100

42 21.0 16.4 24.6

71 33.9 25.0 37.4



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: 17.94 ng

RT: 7.77 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

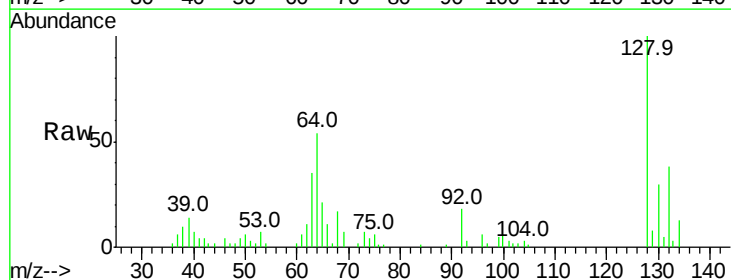
Tgt Ion: 128 Resp: 35343

Ion Ratio Lower Upper

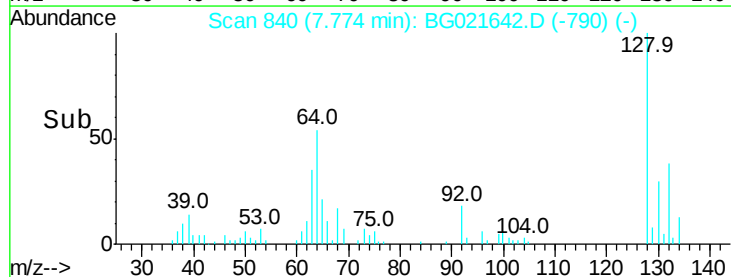
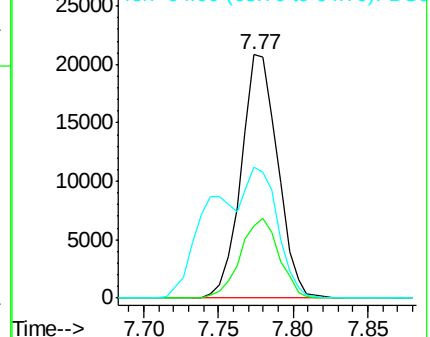
128 100

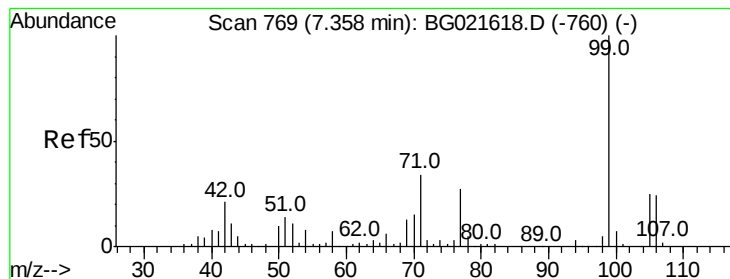
130 29.7 11.2 51.2

64 53.6 39.8 79.8



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: 23.03 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

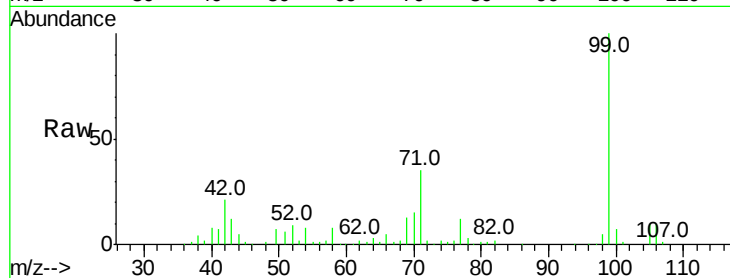
Tot Ion: 77 Resp: 32694

Ion Ratio Lower Upper

77 100

105 89.8 62.1 102.1

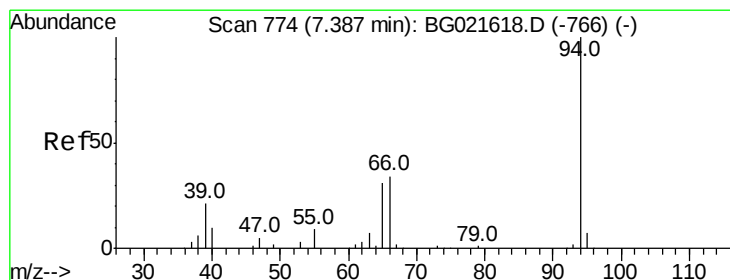
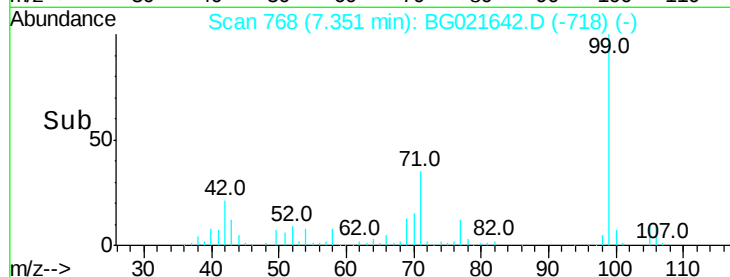
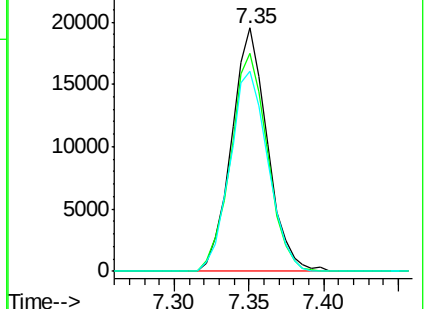
106 82.3 65.6 105.6



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: 18.83 ng

RT: 7.39 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

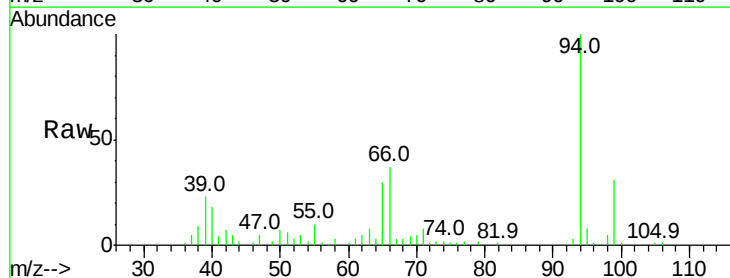
Tgt Ion: 94 Resp: 49740

Ion Ratio Lower Upper

94 100

65 29.6 9.8 49.8

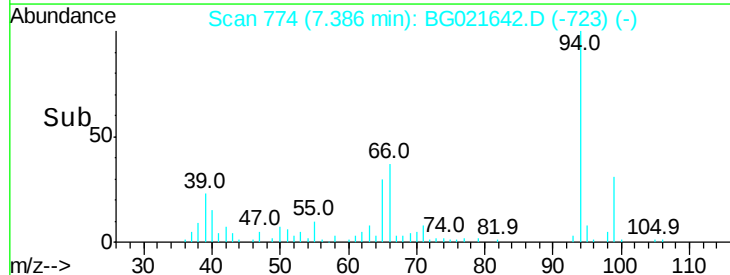
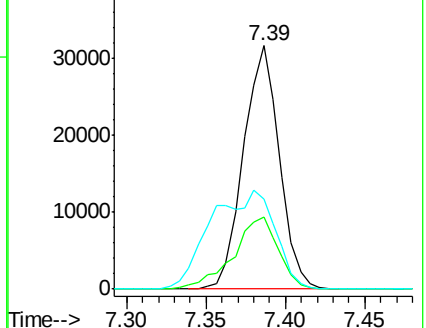
66 37.2 20.8 60.8

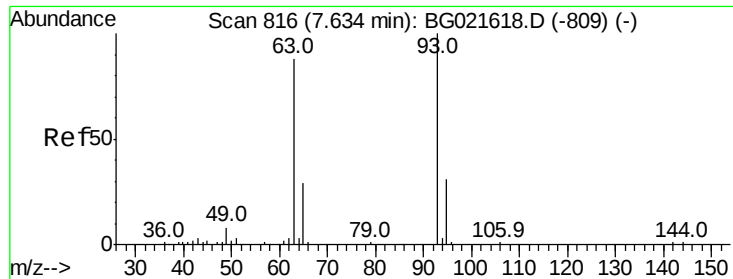


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 16.51 ng

RT: 7.63 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

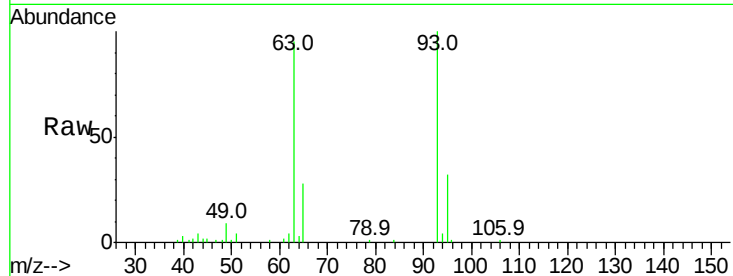
Tot Ion: 93 Resp: 34891

Ion Ratio Lower Upper

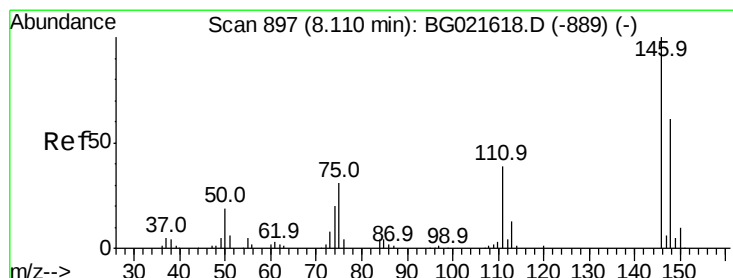
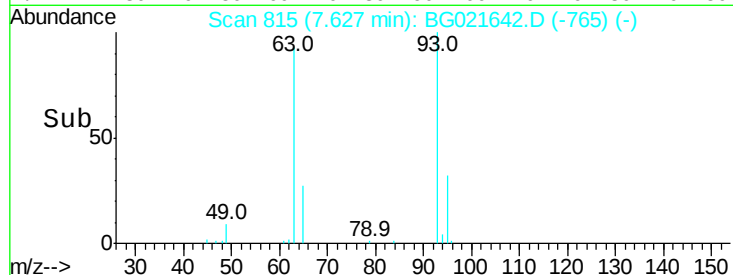
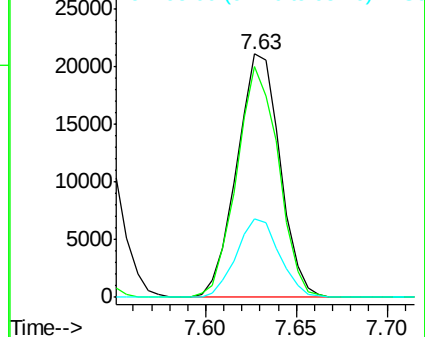
93 100

63 94.7 74.9 114.9

95 32.1 8.3 48.3



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



#12

1,3-Dichlorobenzene

Concen: 16.38 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

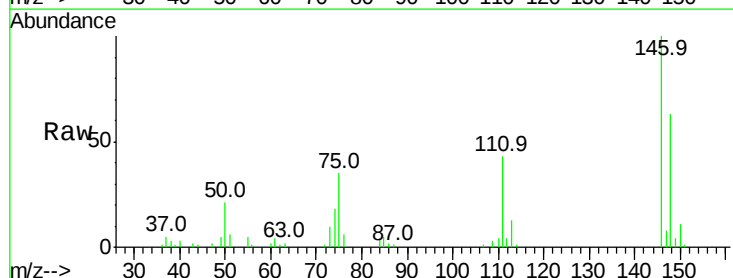
Tgt Ion: 146 Resp: 36051

Ion Ratio Lower Upper

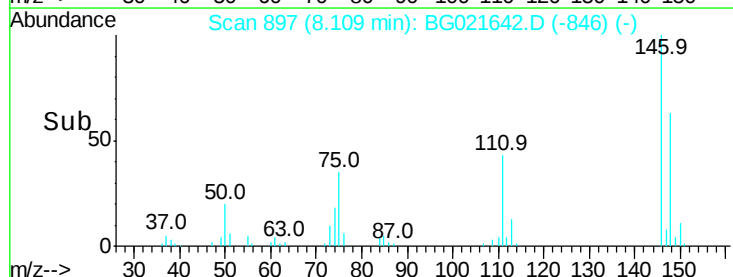
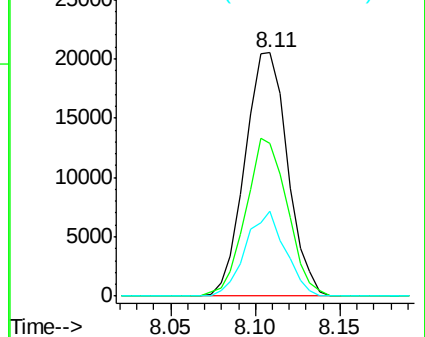
146 100

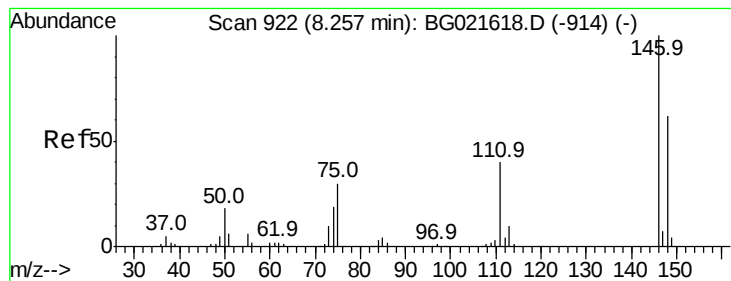
148 62.9 53.7 80.5

75 34.9 27.4 41.0



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





#13

1,4-Dichlorobenzene

Concen: 16.27 ng

RT: 8.25 min Scan# 921

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

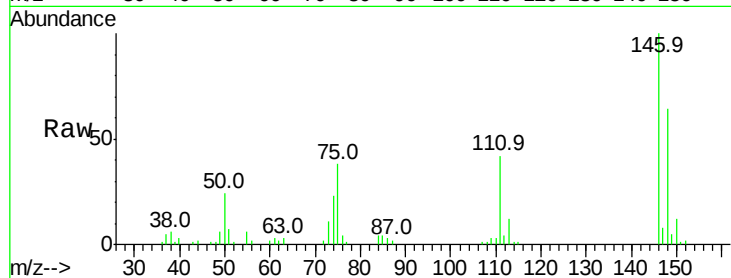
Tot Ion:146 Resp: 36460

Ion Ratio Lower Upper

146 100

148 63.5 46.7 70.1

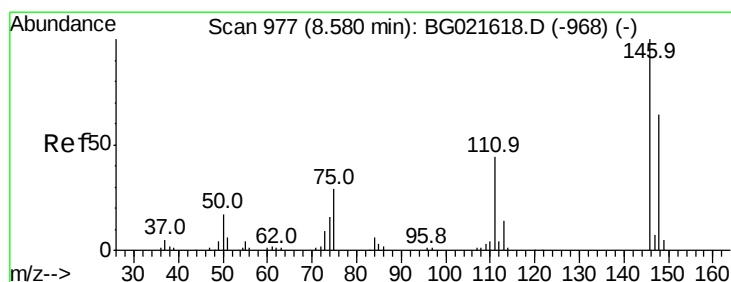
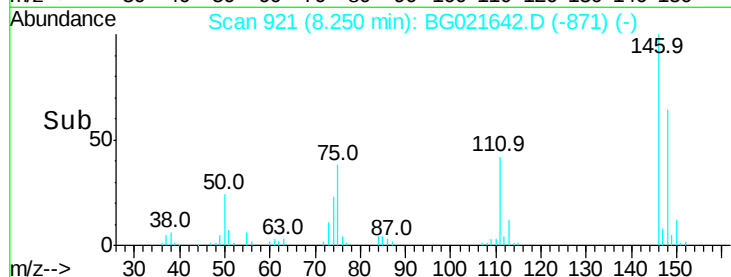
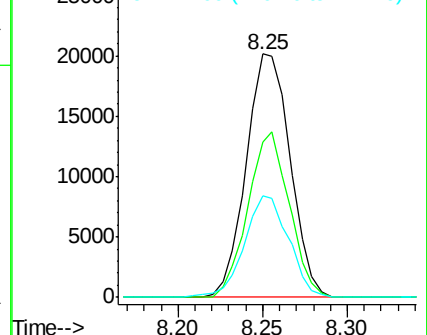
111 41.7 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 16.64 ng

RT: 8.57 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

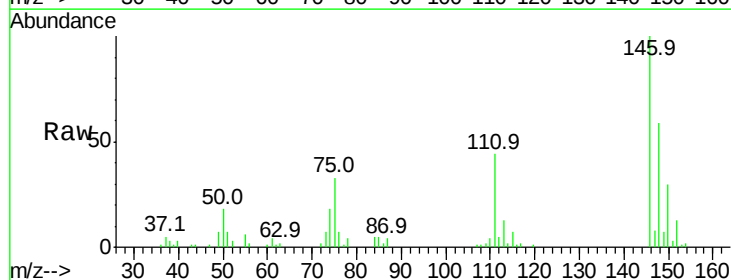
Tgt Ion:146 Resp: 35766

Ion Ratio Lower Upper

146 100

148 59.2 52.6 79.0

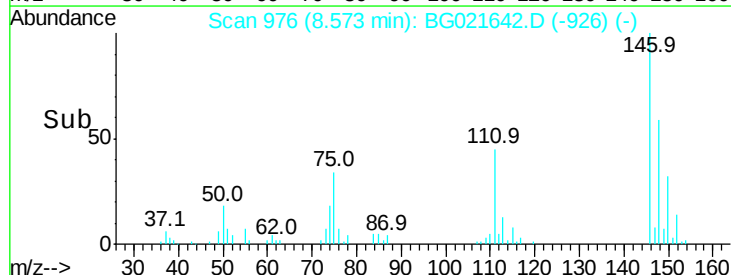
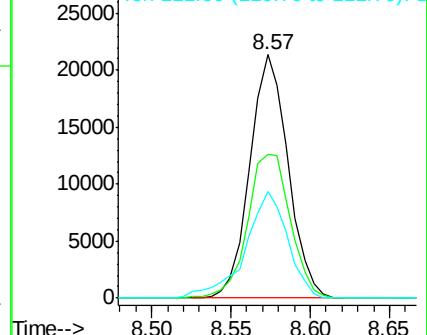
111 43.6 36.1 54.1

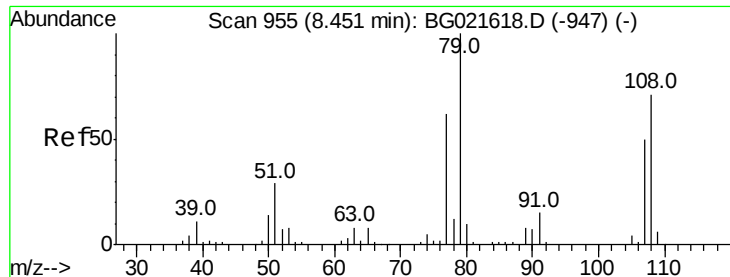


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 18.16 ng

RT: 8.45 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

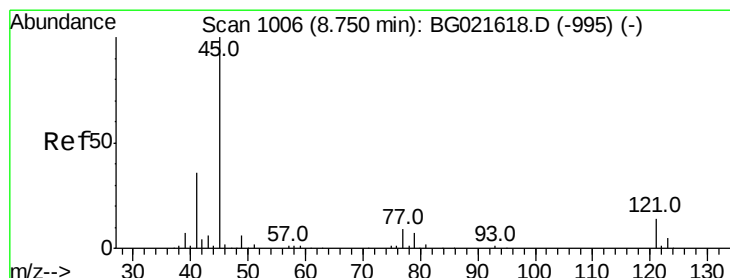
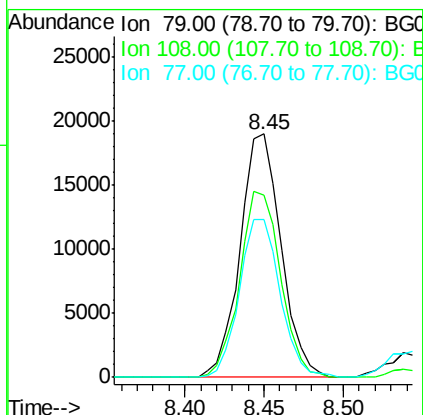
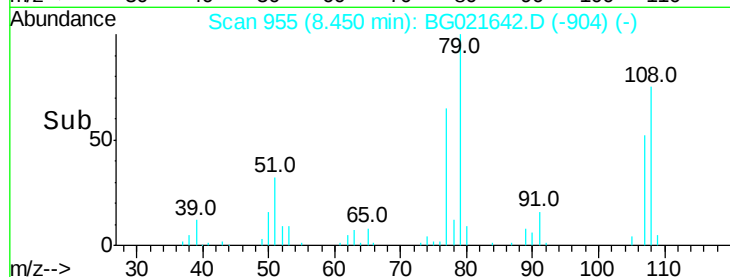
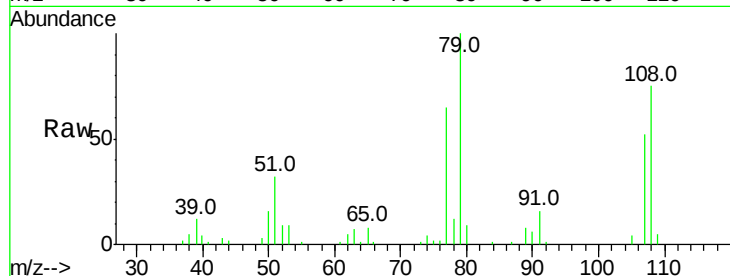
Tot Ion: 79 Resp: 34084

Ion Ratio Lower Upper

79 100

108 75.0 59.4 89.0

77 64.6 52.2 78.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 15.41 ng

RT: 8.75 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

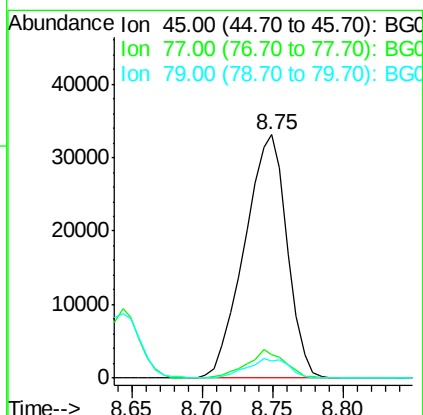
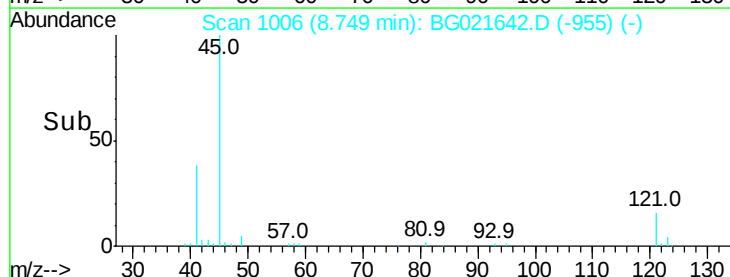
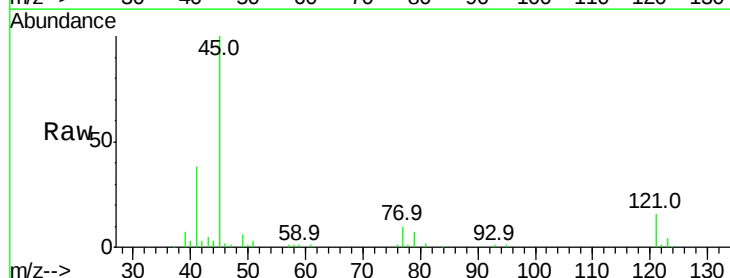
Tgt Ion: 45 Resp: 69788

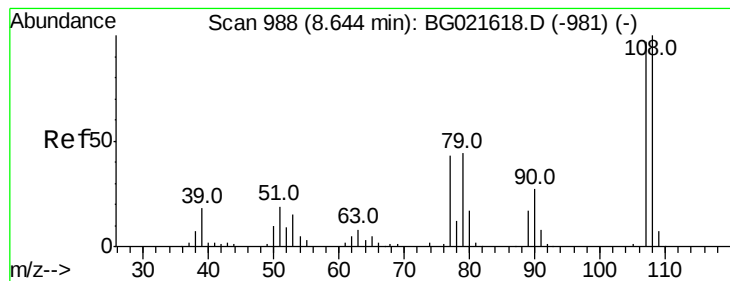
Ion Ratio Lower Upper

45 100

77 9.8 0.0 31.2

79 7.0 0.0 29.0





#17

2-Methylphenol

Concen: 18.36 ng

RT: 8.64 min Scan# 988

Delta R.T. -0.00 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

Tot Ion:107 Resp: 33532

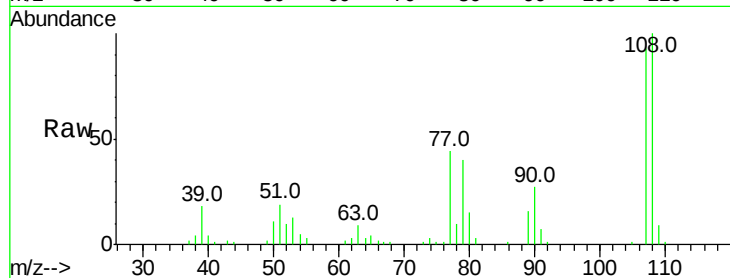
Ion Ratio Lower Upper

107 100

108 107.9 80.2 120.4

77 47.4 40.7 61.1

79 43.6 39.8 59.8

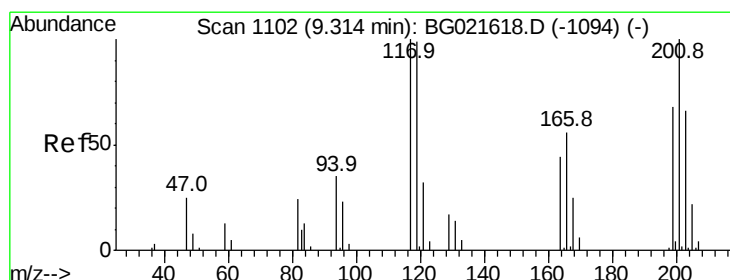
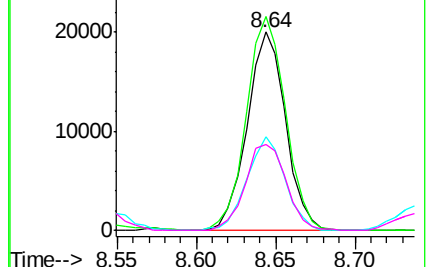
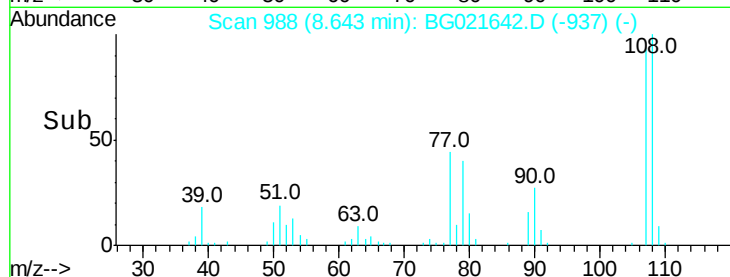


Abundance Ion 107.00 (106.70 to 107.70): E

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: 16.45 ng

RT: 9.31 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

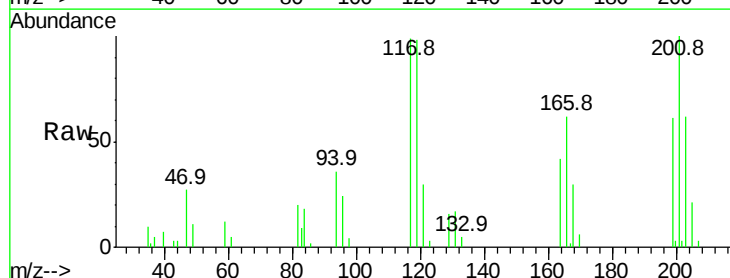
Tgt Ion:117 Resp: 13411

Ion Ratio Lower Upper

117 100

119 98.8 63.9 95.9#

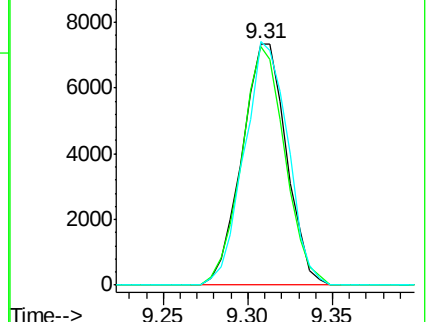
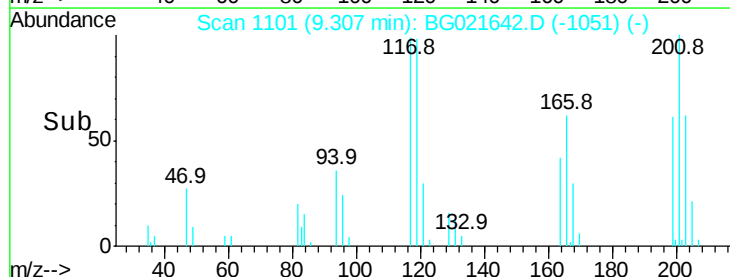
201 101.0 61.2 91.8#

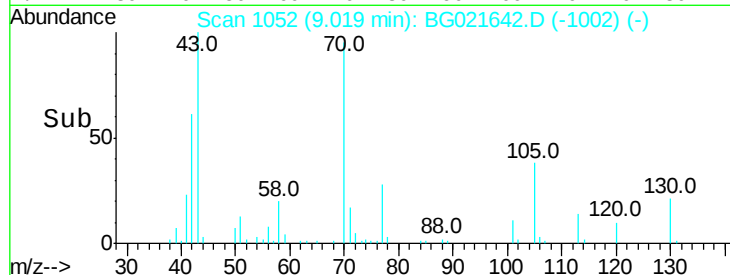
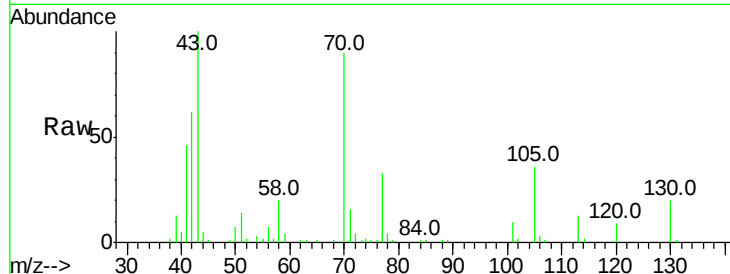
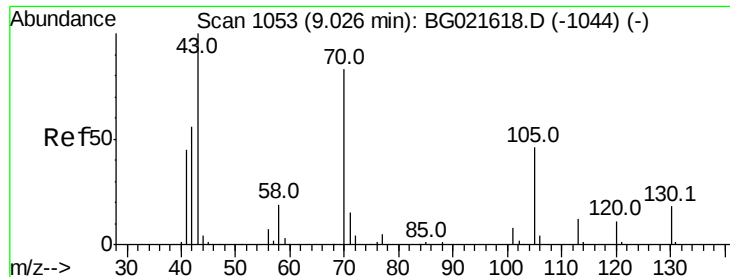


Abundance Ion 117.00 (116.70 to 117.70): E

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: 15.85 ng

RT: 9.02 min Scan# 1052

Delta R.T. -0.01 min

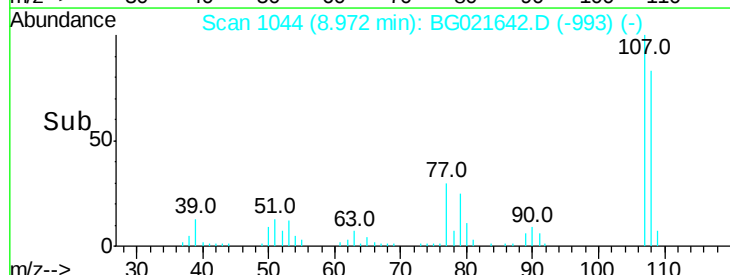
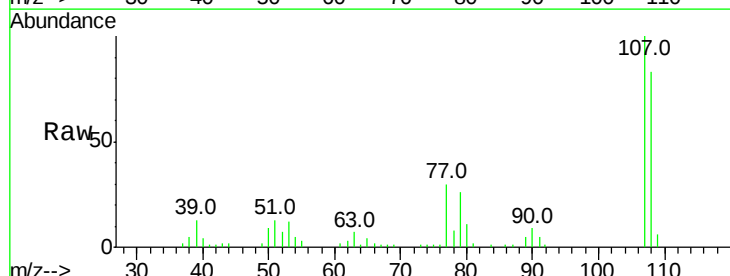
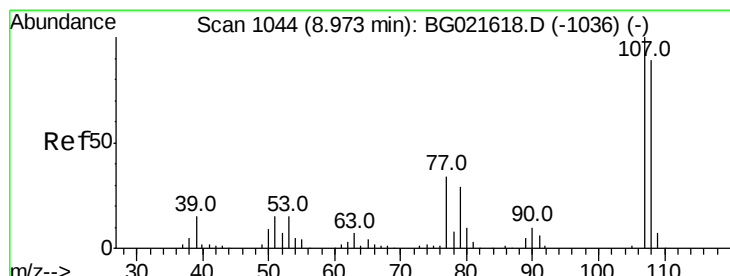
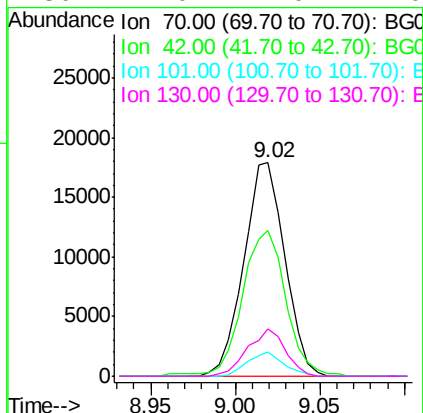
Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

Tot Ion: 70 Resp: 30240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 68.5  | 56.7  | 85.1  |
| 101 | 11.4  | 8.2   | 12.4  |
| 130 | 22.0  | 14.0  | 21.0# |



#20

3+4-Methylphenols

Concen: 18.67 ng

RT: 8.97 min Scan# 1044

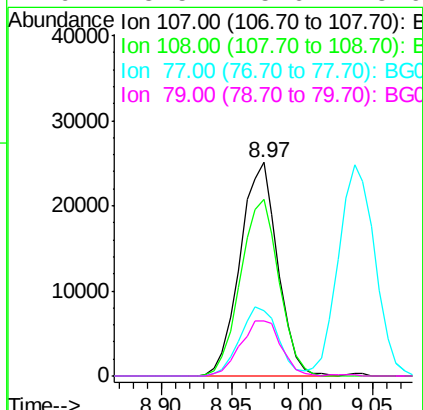
Delta R.T. -0.00 min

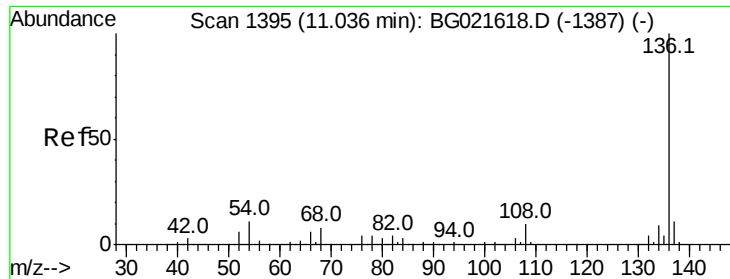
Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Tgt Ion: 107 Resp: 46649

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 82.9  | 66.2  | 106.2 |
| 77  | 30.5  | 11.5  | 51.5  |
| 79  | 25.5  | 5.6   | 45.6  |

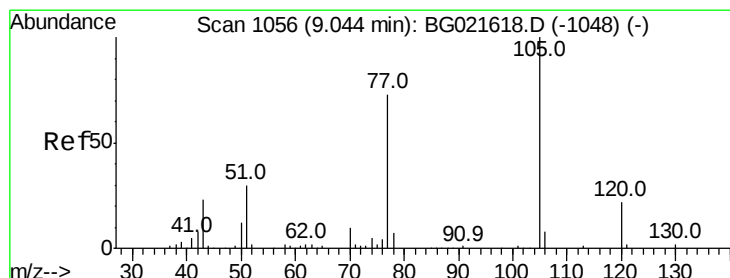
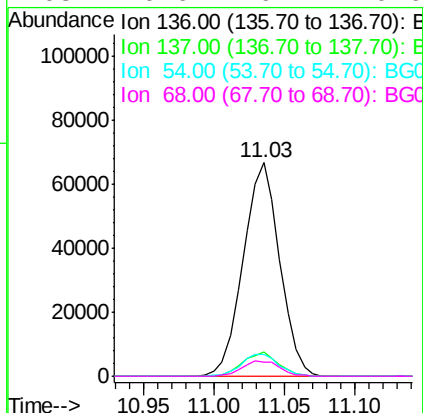
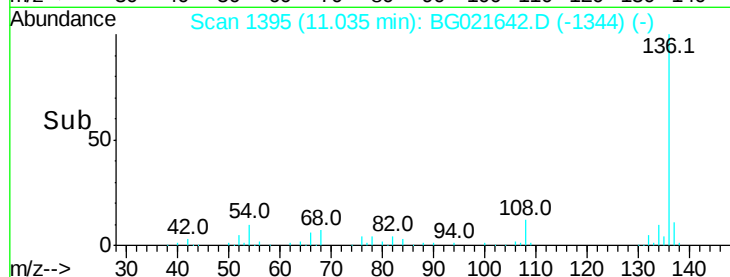
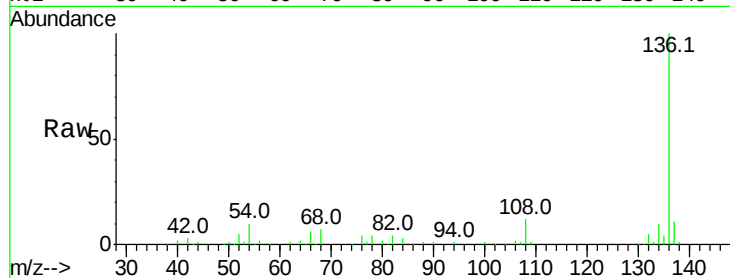




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.03 min Scan# 1395  
Delta R.T. -0.00 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

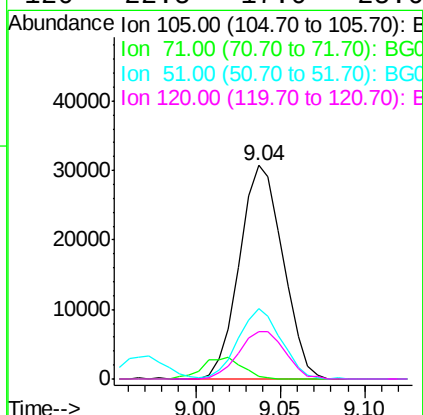
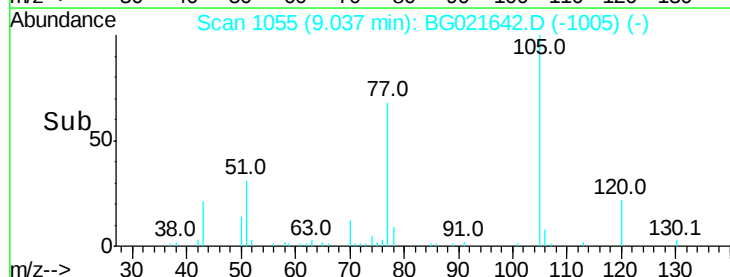
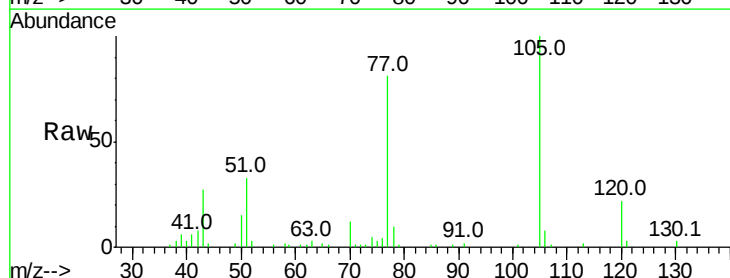
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

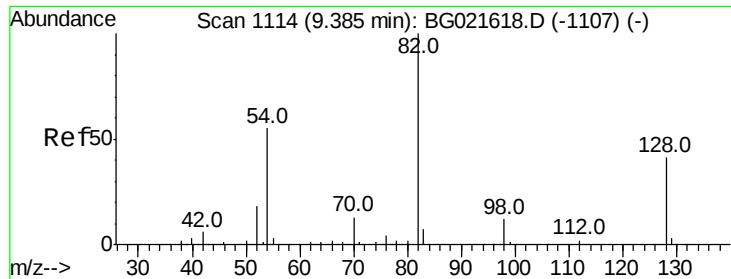
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 120538 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 9.0   | 13.4   |
| 54       | 10.4  | 9.6   | 14.4   |
| 68       | 6.6   | 6.4   | 9.6    |



#22  
Acetophenone  
Concen: 16.37 ng  
RT: 9.04 min Scan# 1055  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 54961 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 1.3   | 0.0   | 0.0#  |
| 51       | 32.7  | 25.7  | 38.5  |
| 120      | 22.5  | 17.0  | 25.6  |

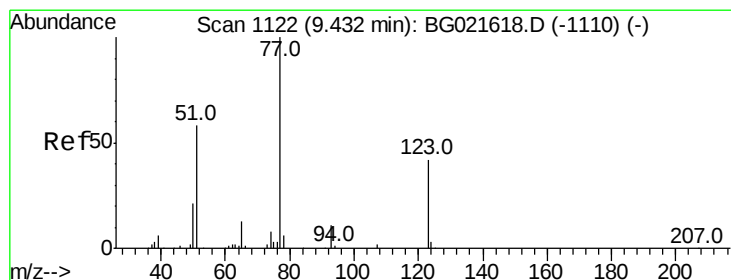
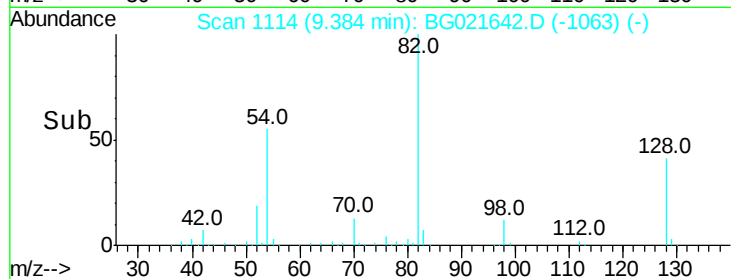
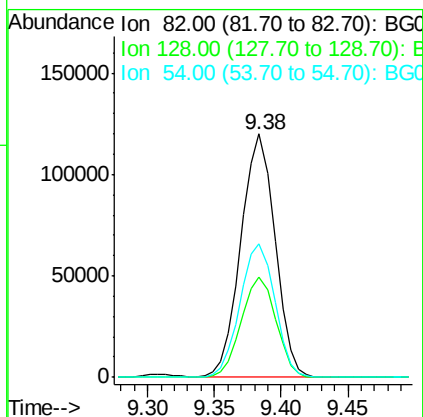
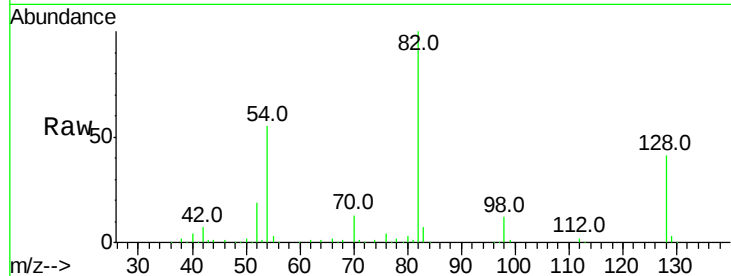




#23  
Nitrobenzene-d5  
Concen: 90.89 ng  
RT: 9.38 min Scan# 1114  
Delta R.T. -0.00 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

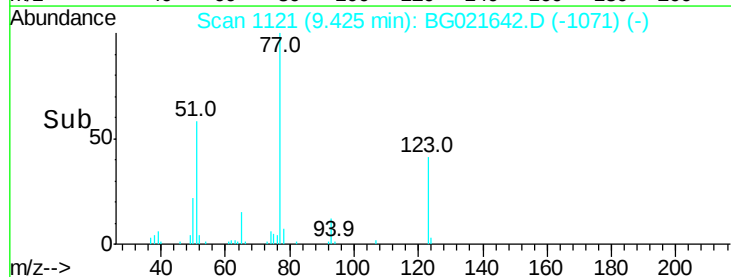
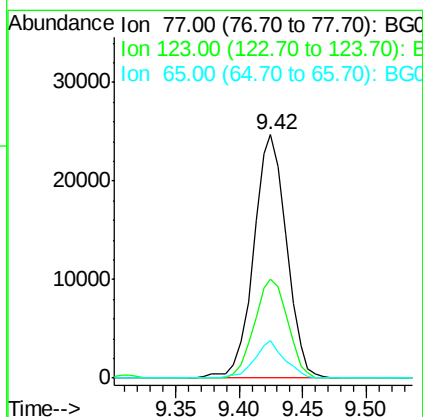
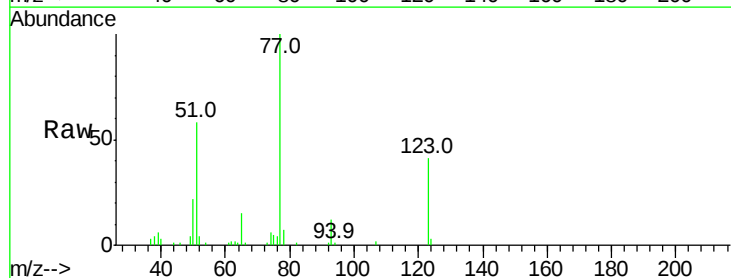
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

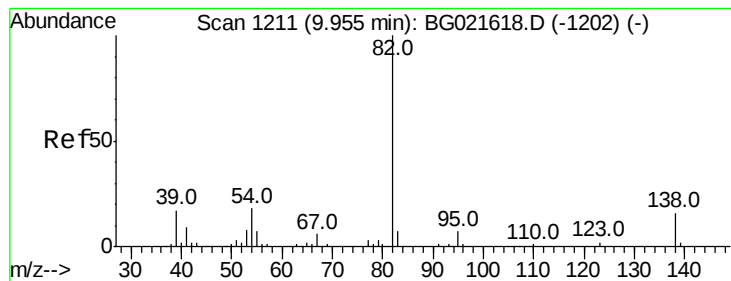
Tot Ion: 82 Resp: 213142  
Ion Ratio Lower Upper  
82 100  
128 40.9 33.4 50.0  
54 55.1 46.1 69.1



#24  
Nitrobenzene  
Concen: 17.71 ng  
RT: 9.42 min Scan# 1121  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

Tgt Ion: 77 Resp: 44481  
Ion Ratio Lower Upper  
77 100  
123 40.7 32.2 48.4  
65 15.4 10.3 15.5





#25

Isophorone

Concen: 16.01 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

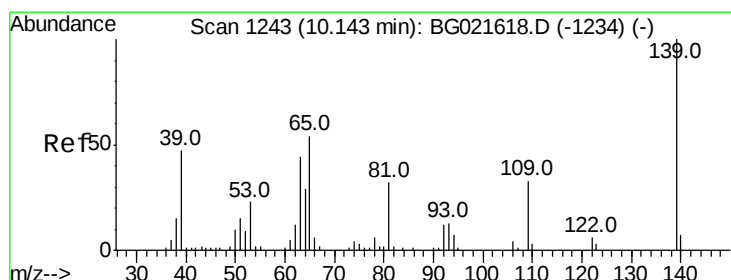
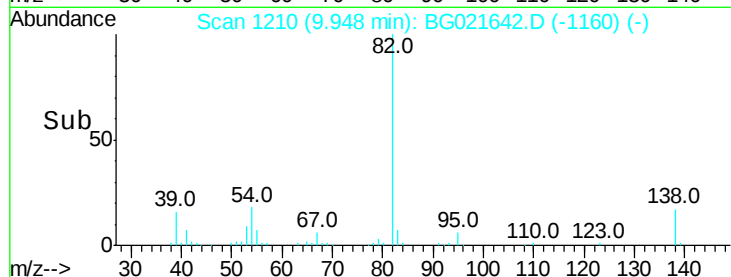
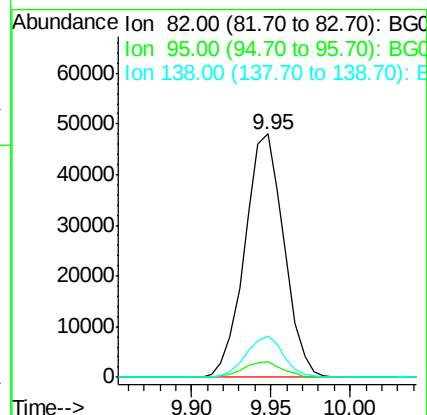
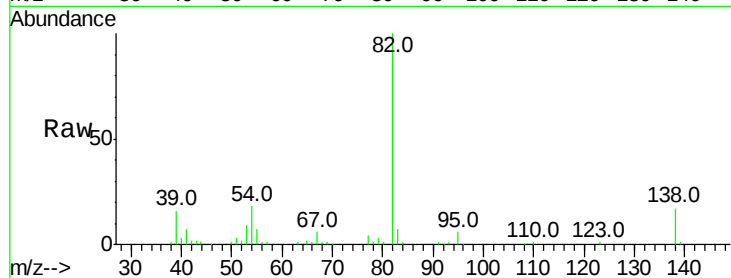
Tot Ion: 82 Resp: 82179

Ion Ratio Lower Upper

82 100

95 6.5 6.0 9.0

138 17.0 13.4 20.0



#26

2-Nitrophenol

Concen: 15.00 ng

RT: 10.14 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

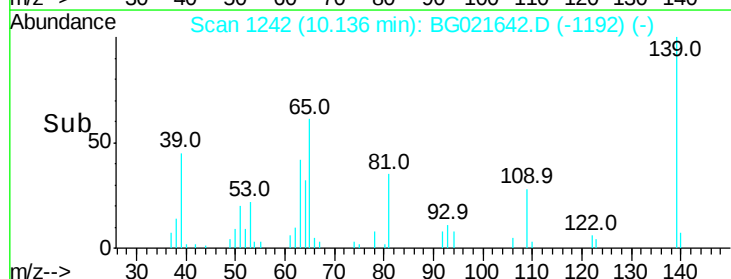
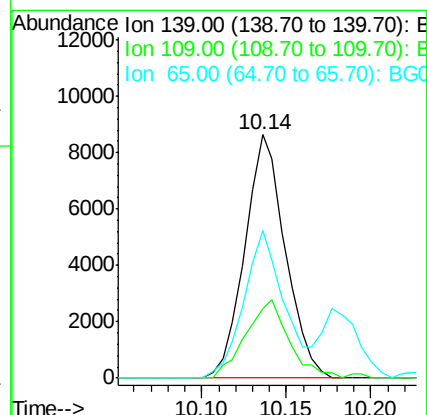
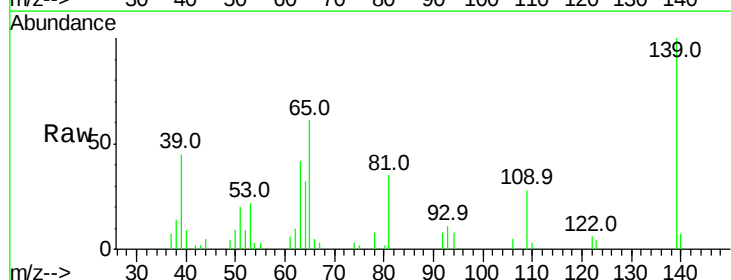
Tgt Ion: 139 Resp: 14377

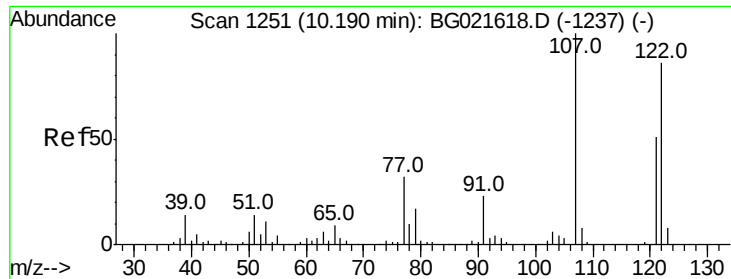
Ion Ratio Lower Upper

139 100

109 28.3 26.6 40.0

65 60.5 45.3 67.9

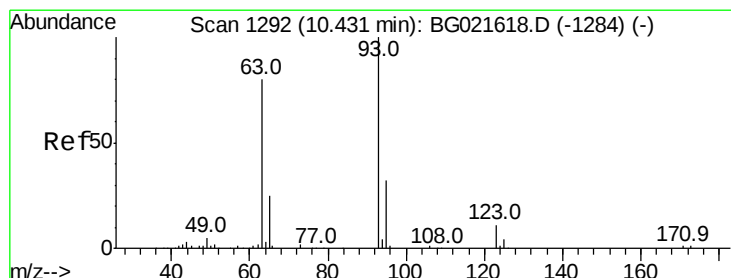
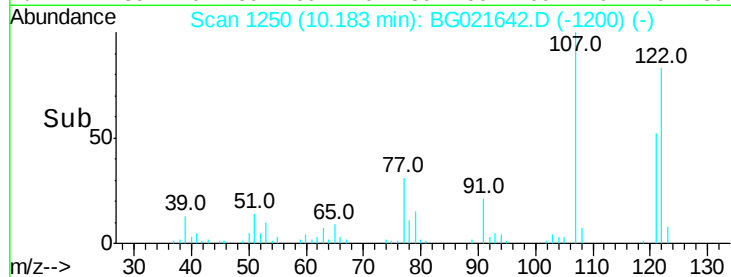
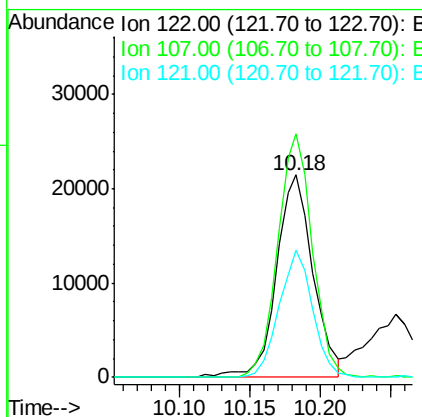
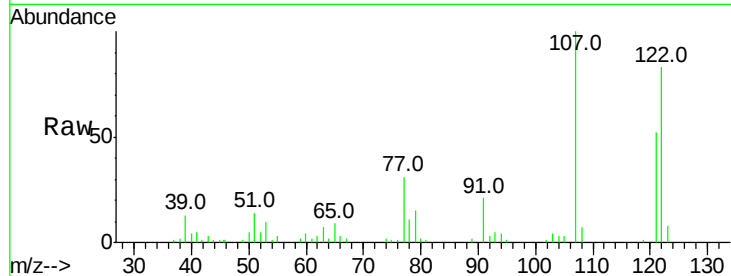




#27  
 2,4-Dimethylphenol  
 Concen: 17.67 ng  
 RT: 10.18 min Scan# 1250  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

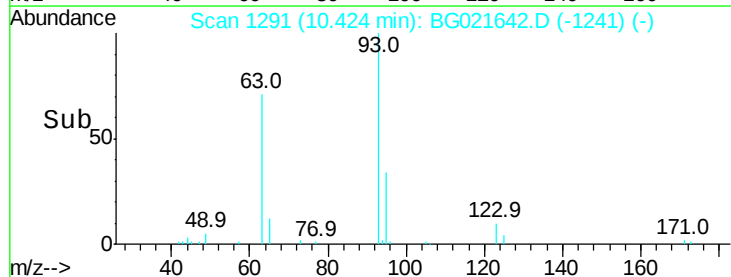
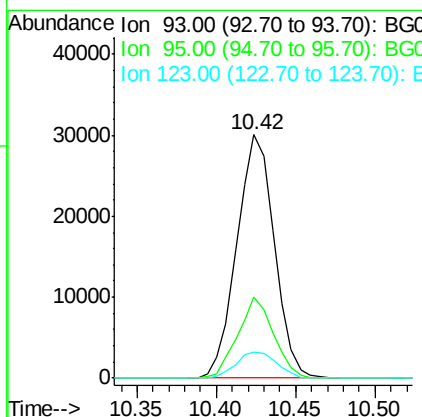
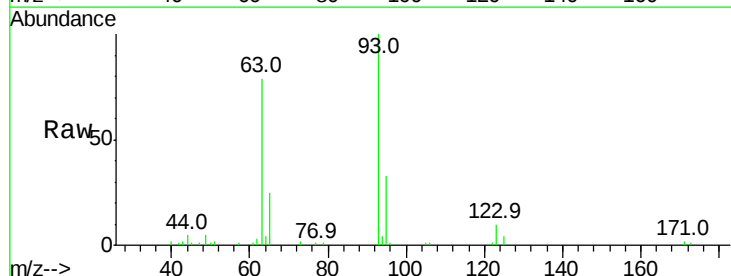
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

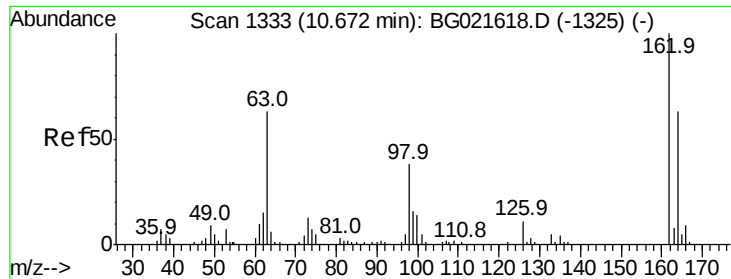
Tot Ion:122 Resp: 38487  
 Ion Ratio Lower Upper  
 122 100  
 107 120.3 97.2 145.8  
 121 62.7 49.0 73.4



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 18.07 ng  
 RT: 10.42 min Scan# 1291  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

Tgt Ion: 93 Resp: 49278  
 Ion Ratio Lower Upper  
 93 100  
 95 33.2 30.1 45.1  
 123 10.5 10.2 15.4

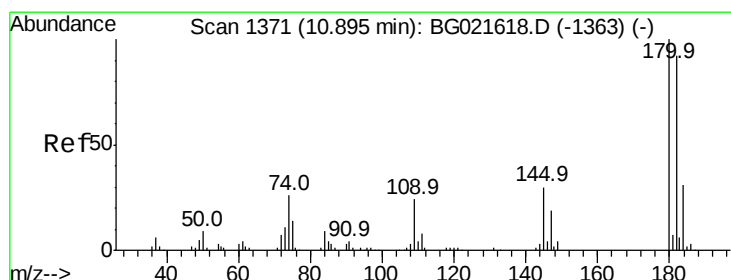
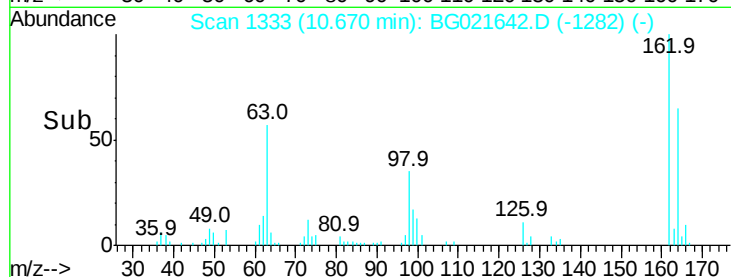
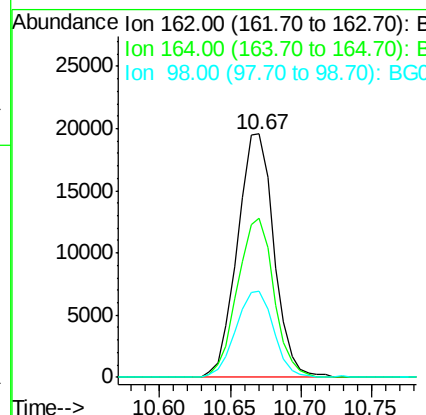
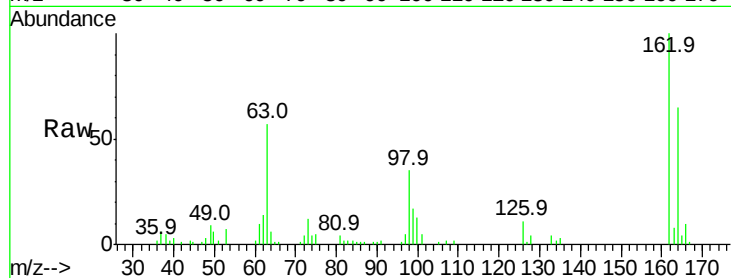




#29  
 2,4-Dichlorophenol  
 Concen: 19.09 ng  
 RT: 10.67 min Scan# 1333  
 Delta R.T. -0.00 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

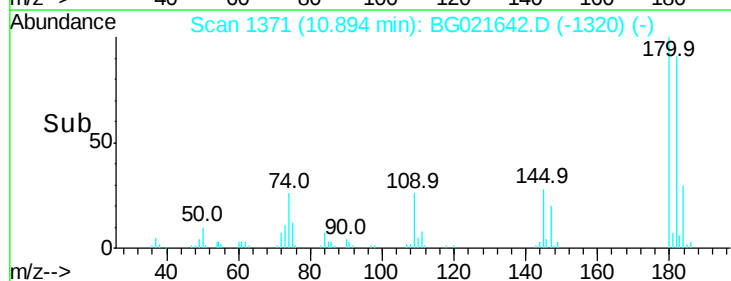
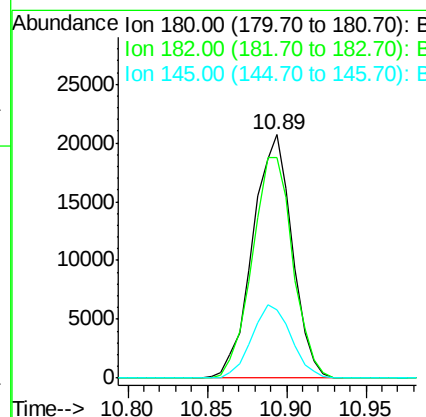
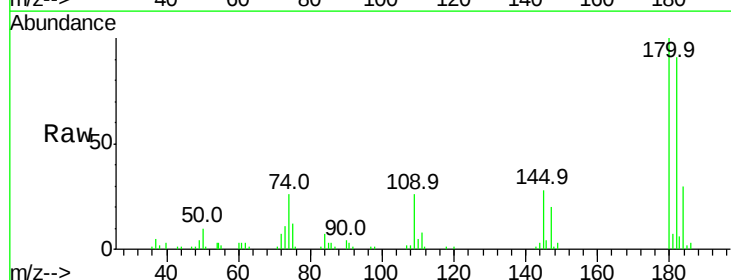
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

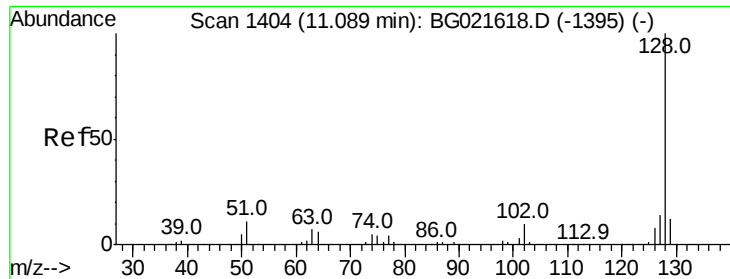
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.2  | 44.9  | 84.9  |
| 98      | 35.4  | 19.2  | 59.2  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 17.94 ng  
 RT: 10.89 min Scan# 1371  
 Delta R.T. -0.00 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 90.7  | 82.3  | 123.5 |
| 145     | 28.3  | 24.4  | 36.6  |

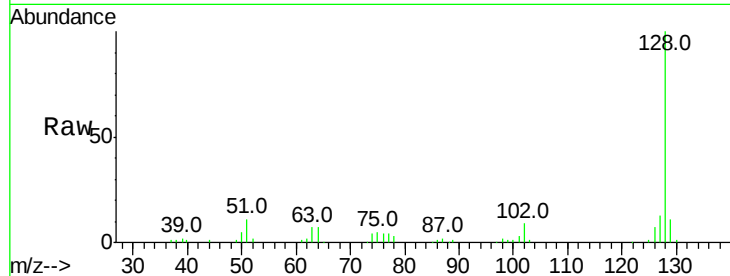




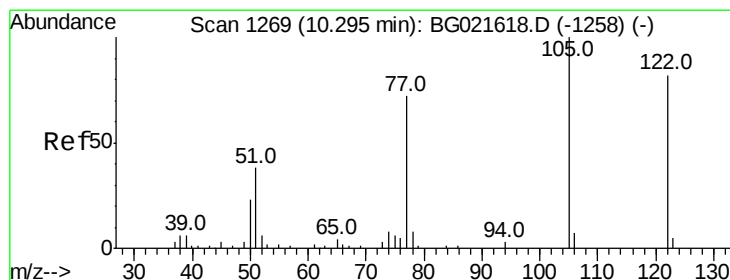
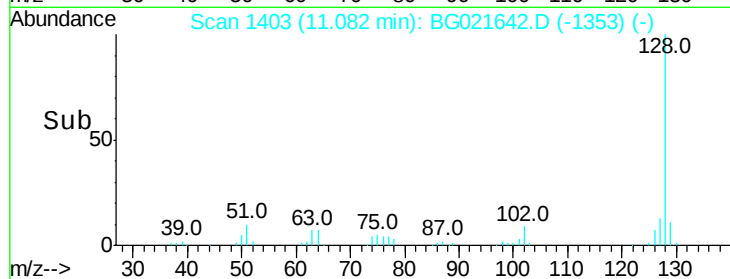
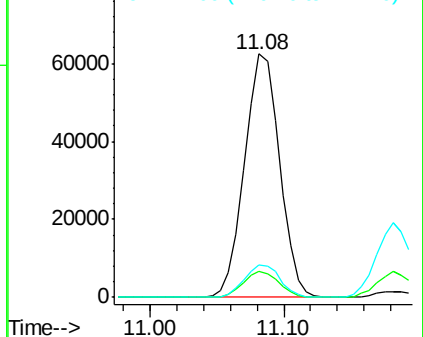
#31  
Naphthalene  
Concen: 17.56 ng  
RT: 11.08 min Scan# 1403  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

Tot Ion:128 Resp: 113299  
Ion Ratio Lower Upper  
128 100  
129 10.7 7.0 10.6#  
127 13.2 10.1 15.1

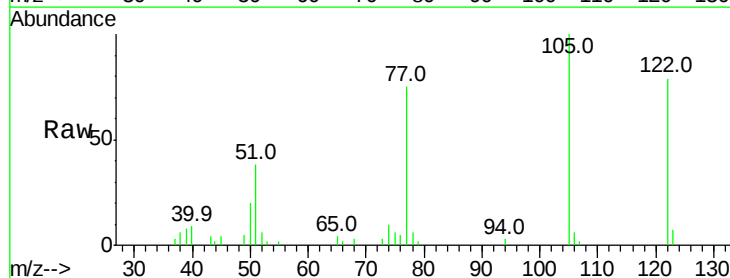


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

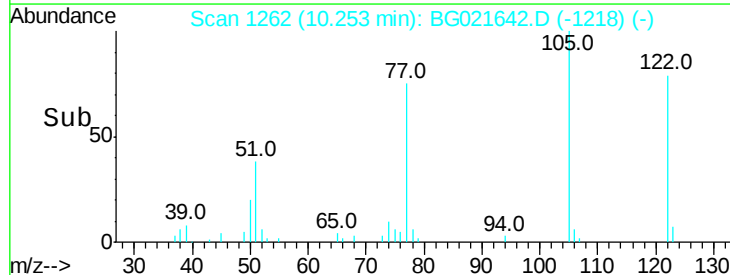
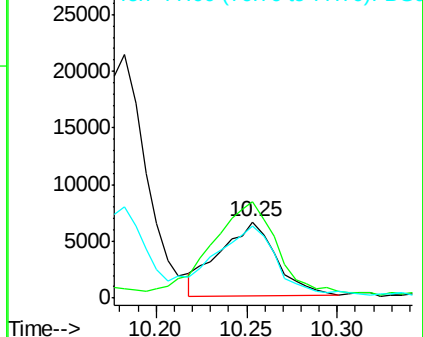


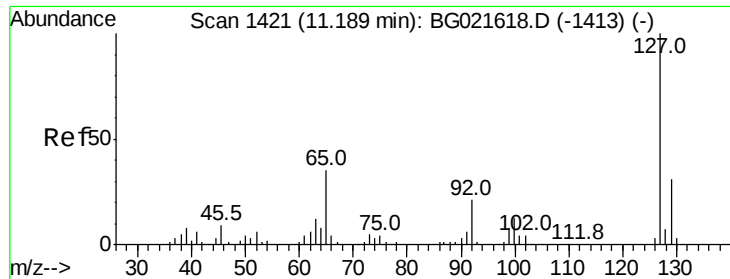
#32  
Benzoic acid  
Concen: 16.49 ng  
RT: 10.25 min Scan# 1262  
Delta R.T. -0.04 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

Tgt Ion:122 Resp: 14090  
Ion Ratio Lower Upper  
122 100  
105 126.7 104.5 144.5  
77 94.8 79.9 119.9



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): BG

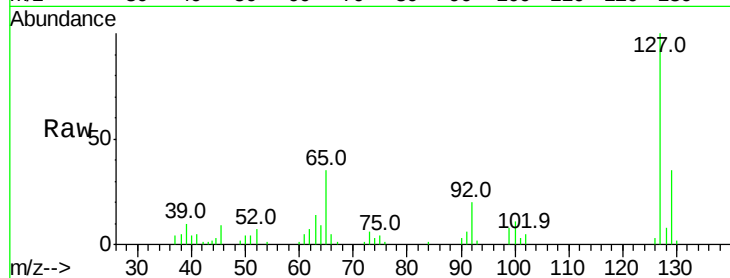




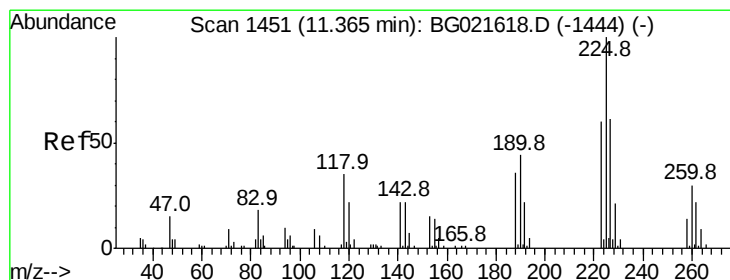
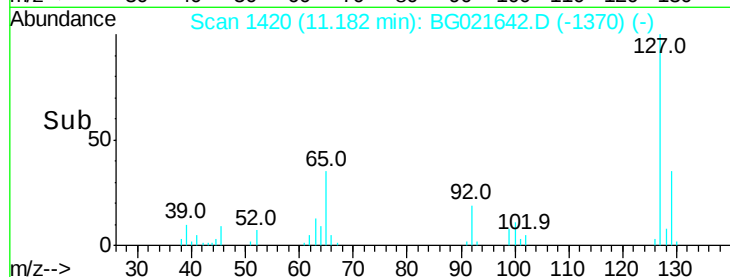
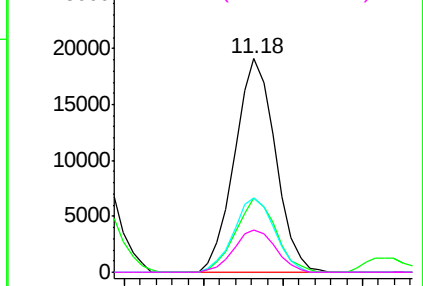
#33  
4-Chloroaniline  
Concen: 12.21 ng  
RT: 11.18 min Scan# 1420  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 34087 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 34.9  | 26.6  | 39.8  |
| 65       | 35.0  | 27.5  | 41.3  |
| 92       | 19.9  | 14.7  | 22.1  |

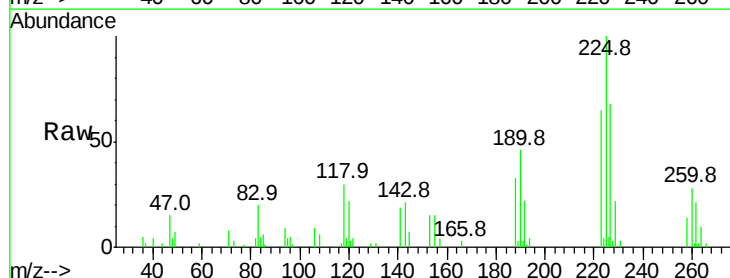


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

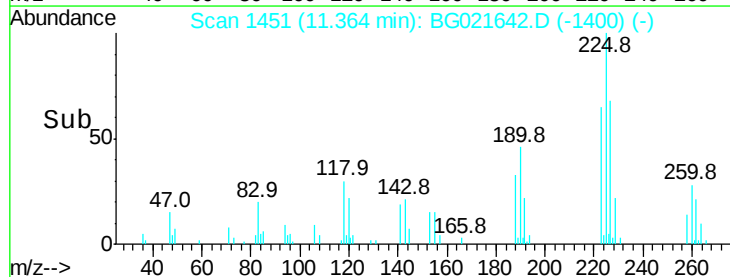
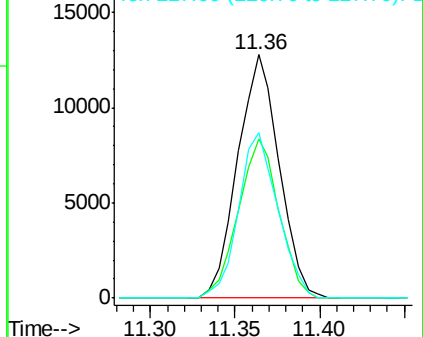


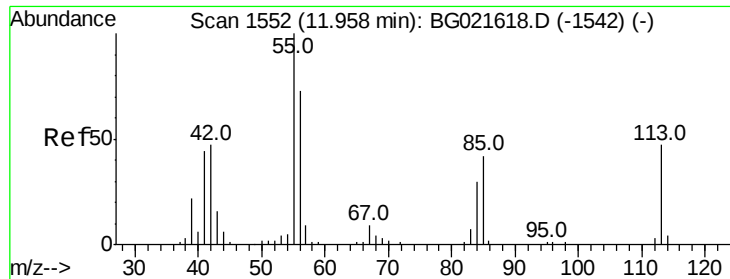
#34  
Hexachlorobutadiene  
Concen: 16.91 ng  
RT: 11.36 min Scan# 1451  
Delta R.T. -0.00 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 21769 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 65.2  | 52.7  | 79.1  |
| 227      | 67.8  | 49.7  | 74.5  |



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: 16.73 ng

RT: 11.94 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

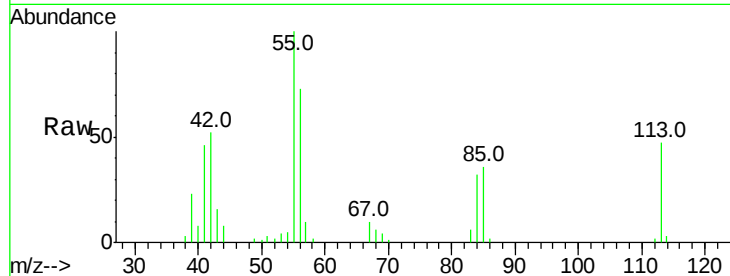
Tot Ion:113 Resp: 14216

Ion Ratio Lower Upper

113 100

55 214.8 194.2 234.2

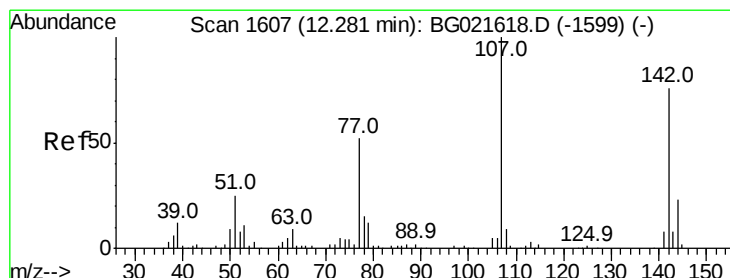
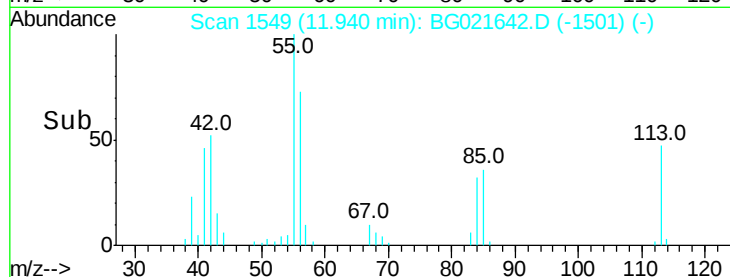
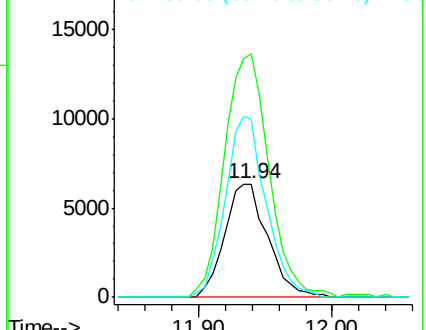
56 156.8 122.6 162.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 17.77 ng

RT: 12.27 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

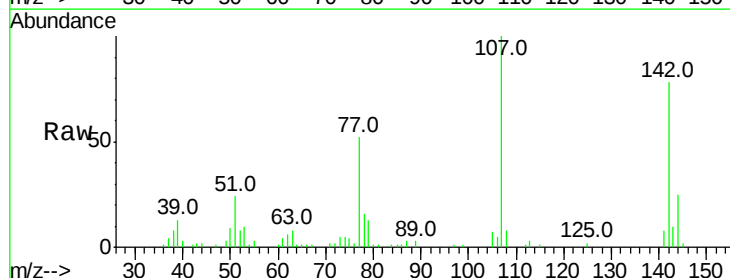
Tgt Ion:107 Resp: 41487

Ion Ratio Lower Upper

107 100

144 25.3 19.2 28.8

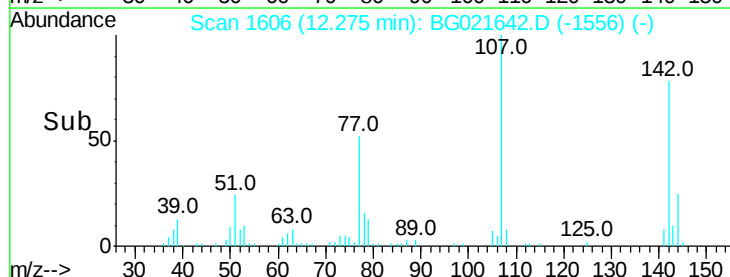
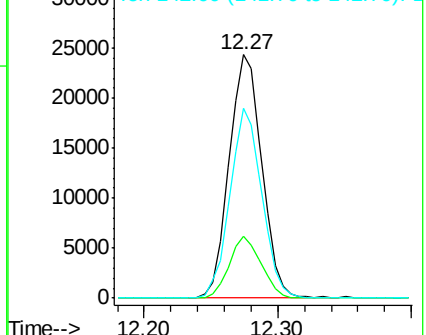
142 78.1 59.1 88.7

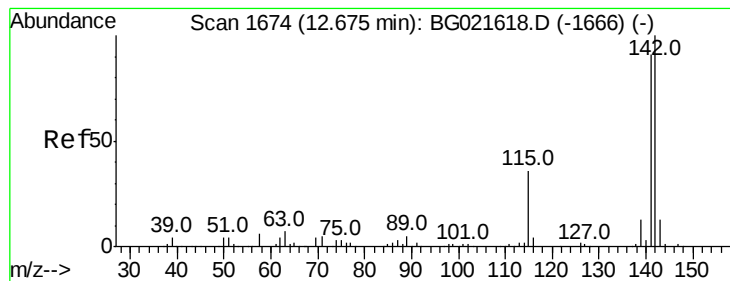


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 18.30 ng

RT: 12.67 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

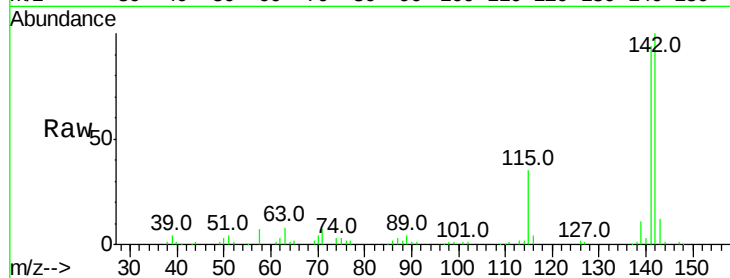
Tot Ion:142 Resp: 81032

Ion Ratio Lower Upper

142 100

141 94.3 71.4 107.0

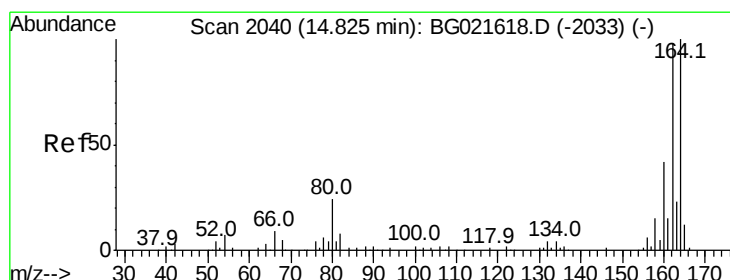
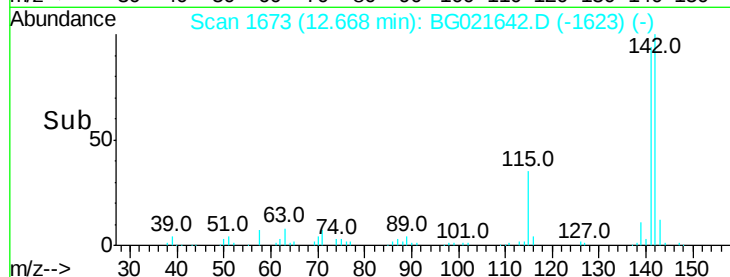
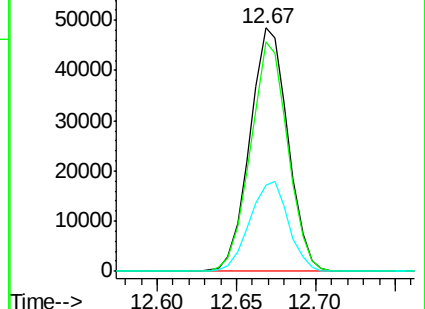
115 35.3 27.4 41.2



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

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

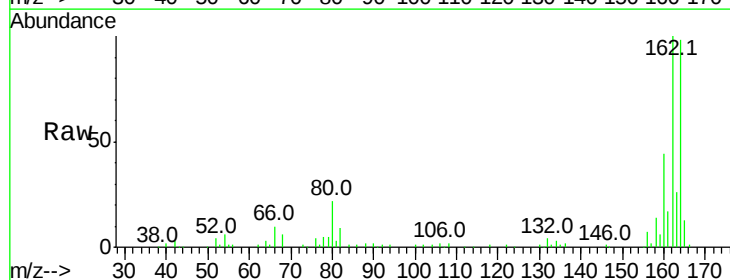
Tgt Ion:164 Resp: 77642

Ion Ratio Lower Upper

164 100

162 102.2 78.0 117.0

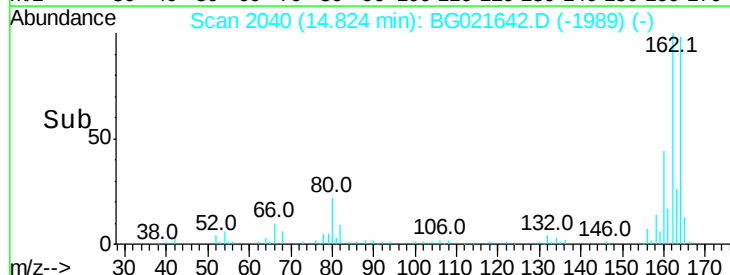
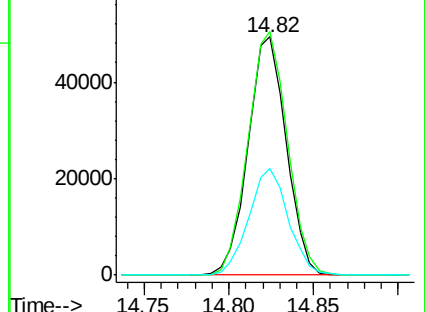
160 44.6 32.9 49.3

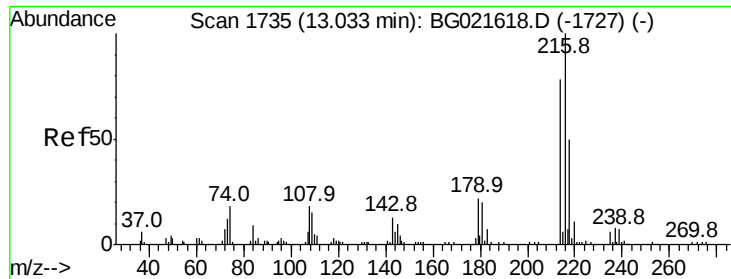


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 16.66 ng

RT: 13.03 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

Tot Ion:216 Resp: 40426

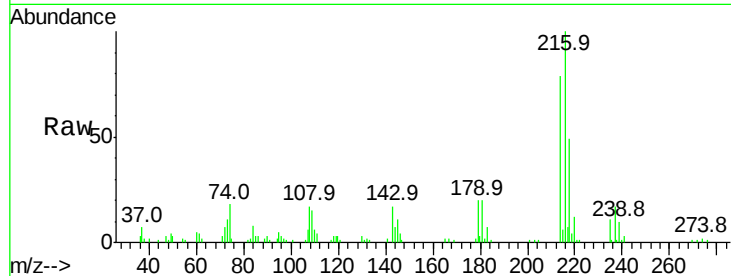
Ion Ratio Lower Upper

216 100

214 79.1 62.2 93.2

179 21.2 16.7 25.1

108 19.0 14.0 21.0

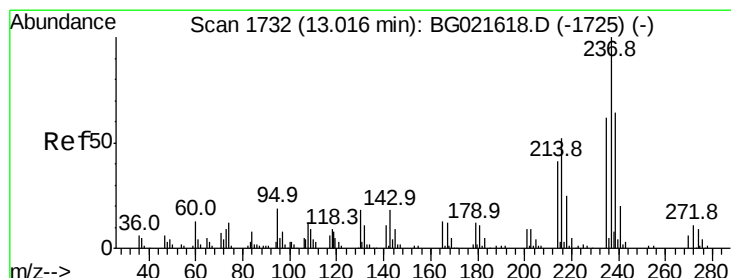
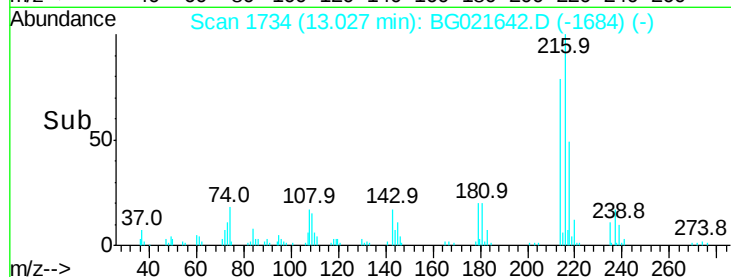
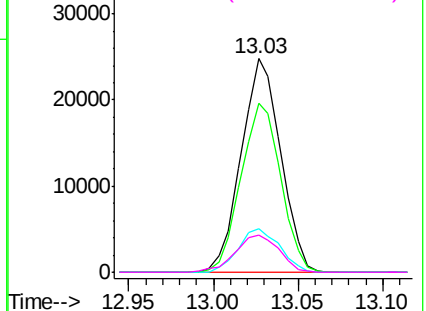


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 18.39 ng

RT: 13.01 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

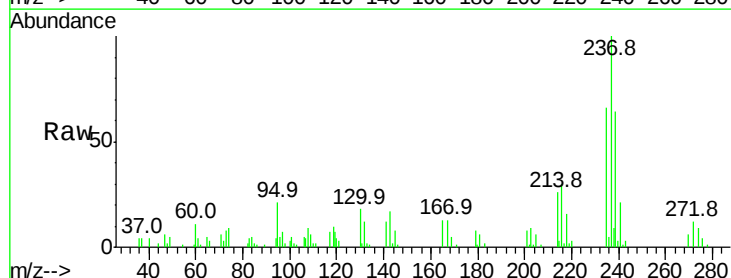
Tgt Ion:237 Resp: 24792

Ion Ratio Lower Upper

237 100

235 65.6 43.2 83.2

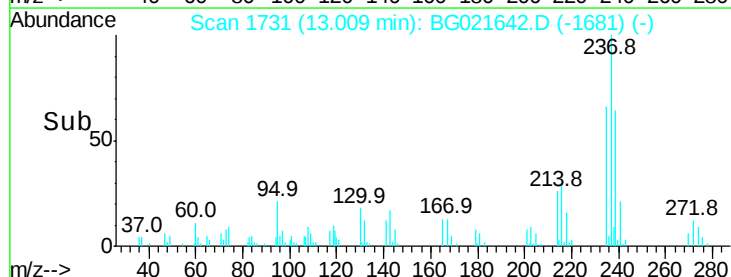
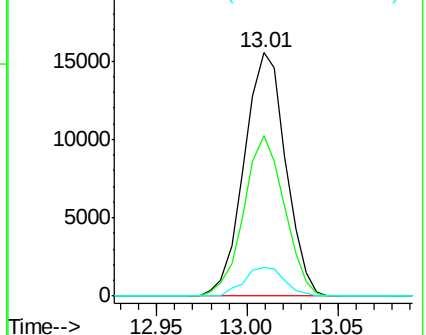
272 11.9 0.0 33.4

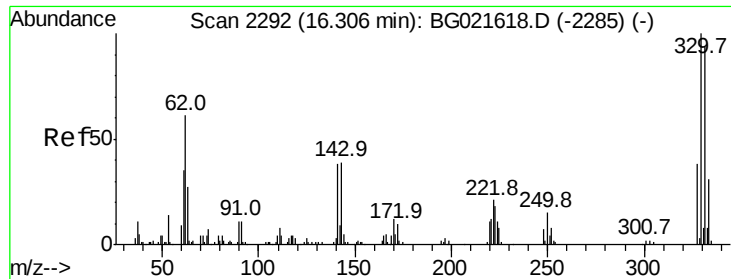


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

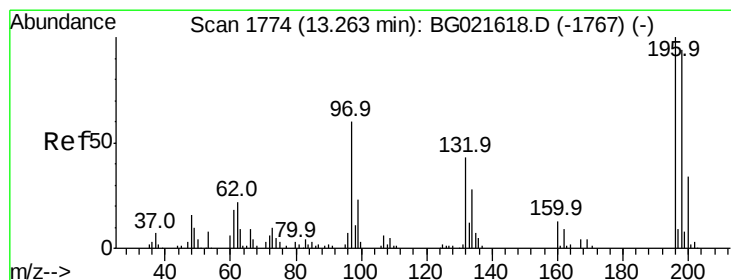
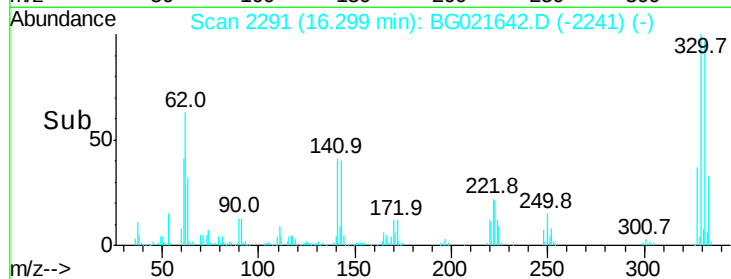
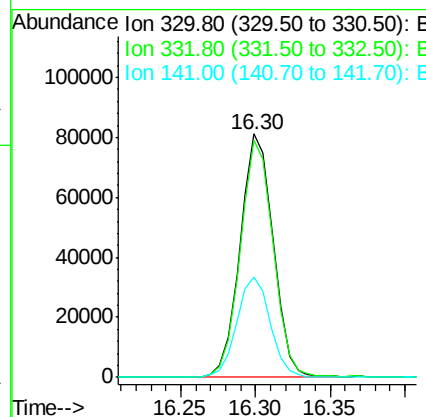
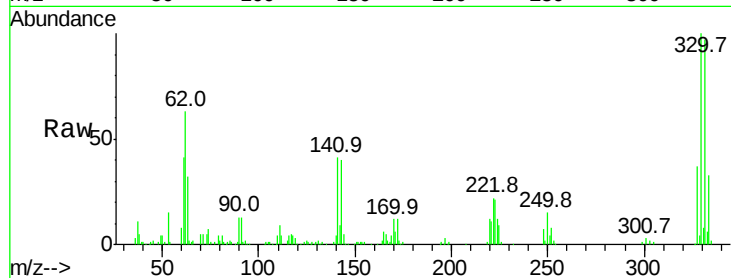




#41  
 2,4,6-Tribromophenol  
 Concen: 149.48 ng  
 RT: 16.30 min Scan# 2291  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

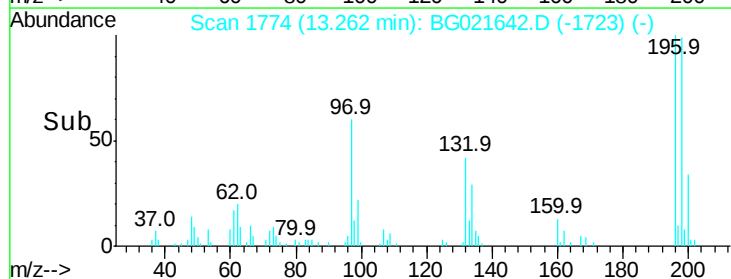
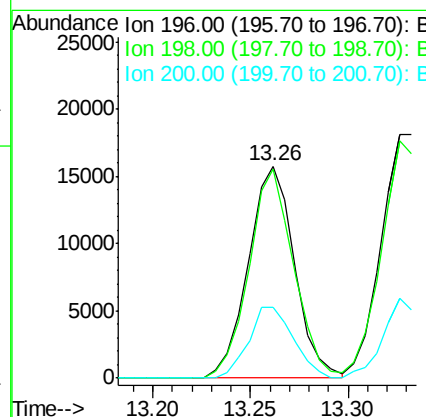
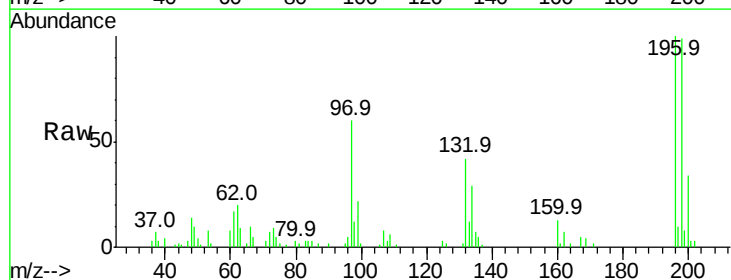
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

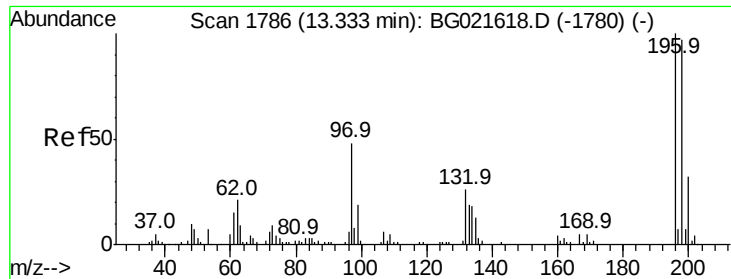
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.3  | 78.0  | 117.0 |
| 141     | 41.6  | 33.8  | 50.8  |



#42  
 2,4,6-Trichlorophenol  
 Concen: 16.63 ng  
 RT: 13.26 min Scan# 1774  
 Delta R.T. -0.00 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.6  | 80.1  | 120.1 |
| 200     | 33.6  | 24.1  | 36.1  |

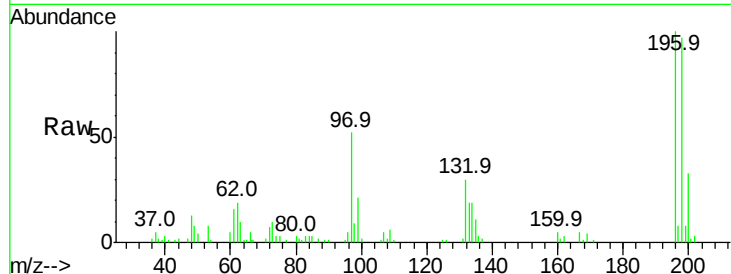




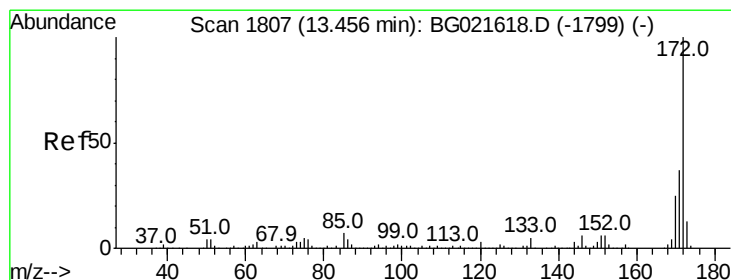
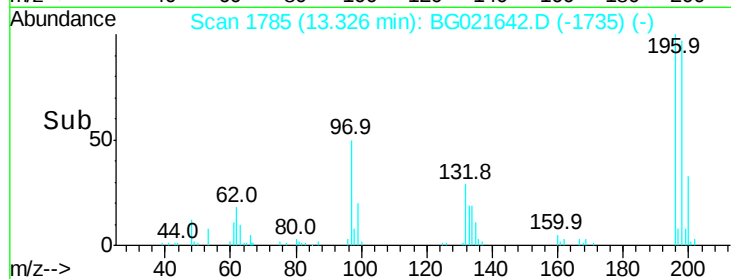
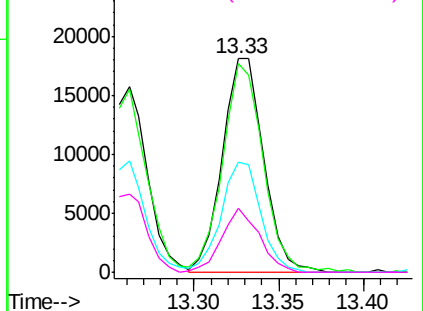
#43  
 2,4,5-Trichlorophenol  
 Concen: 18.45 ng  
 RT: 13.33 min Scan# 1785  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 196   | Resp: | 30797 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 97.4  | 78.0  | 117.0 |
| 97       | 51.8  | 43.0  | 64.6  |
| 132      | 29.9  | 23.0  | 34.4  |

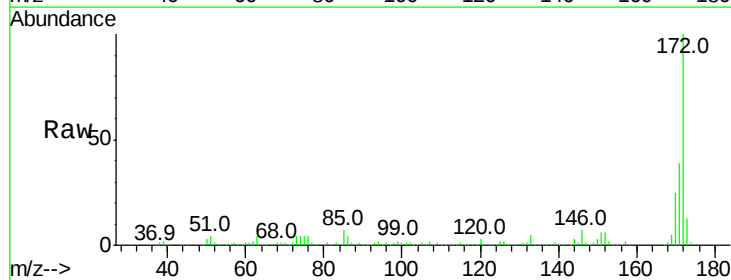


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

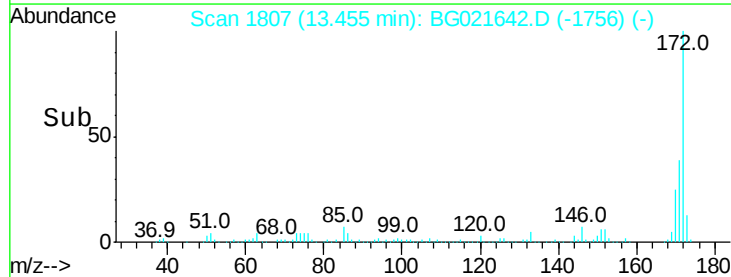
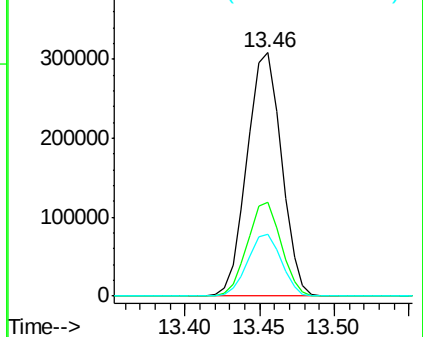


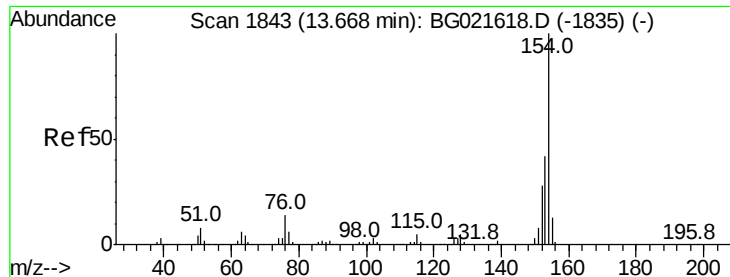
#44  
 2-Fluorobiphenyl  
 Concen: 93.00 ng  
 RT: 13.46 min Scan# 1807  
 Delta R.T. -0.00 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 492839 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 38.5  | 27.8  | 41.6   |
| 170      | 25.3  | 19.6  | 29.4   |



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





#45

1,1'-Biphenyl

Concen: 16.71 ng

RT: 13.66 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

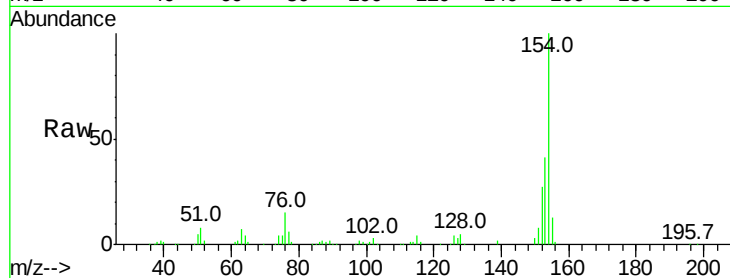
Tot Ion:154 Resp: 109292

Ion Ratio Lower Upper

154 100

153 40.8 19.7 59.7

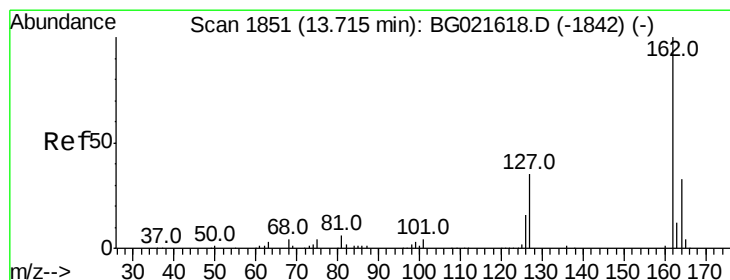
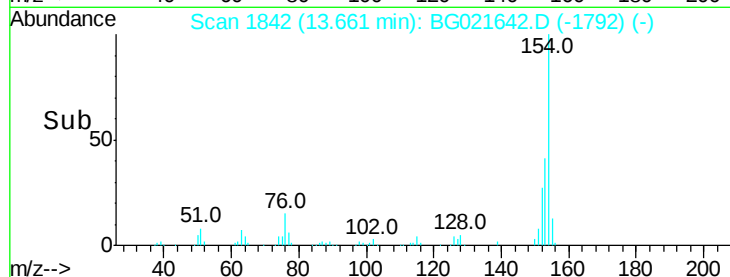
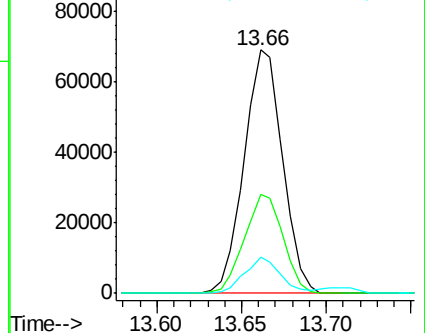
76 14.7 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 17.31 ng

RT: 13.71 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

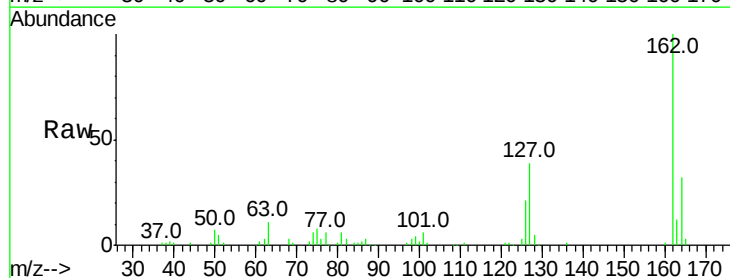
Tgt Ion:162 Resp: 83722

Ion Ratio Lower Upper

162 100

127 39.3 32.0 48.0

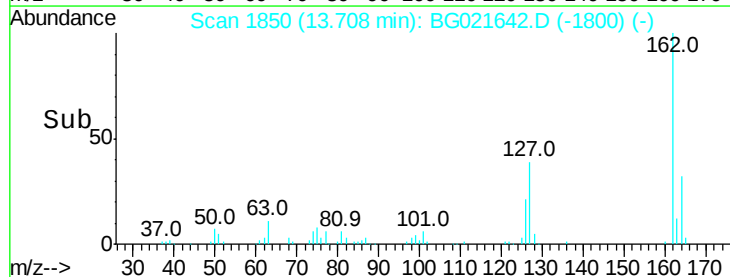
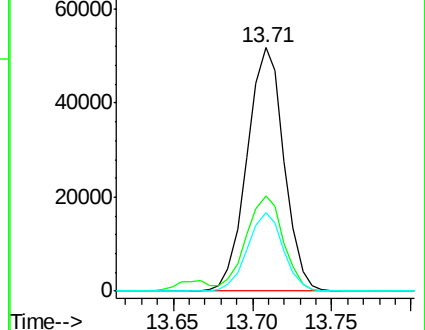
164 32.2 27.0 40.4

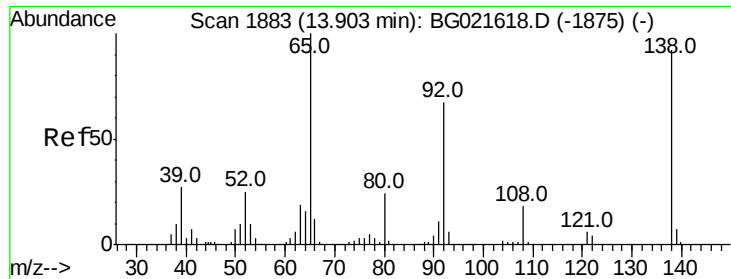


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

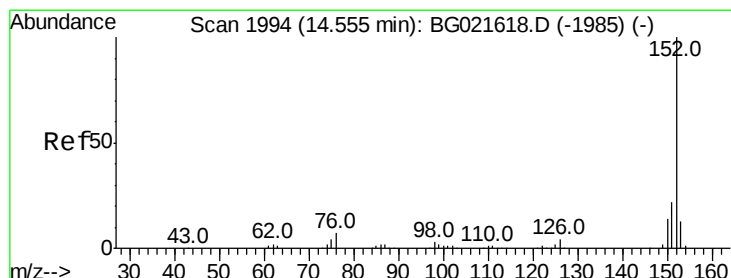
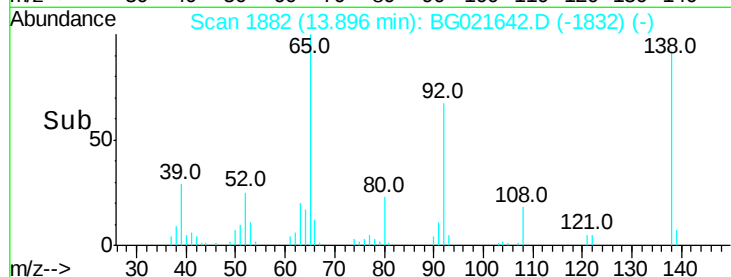
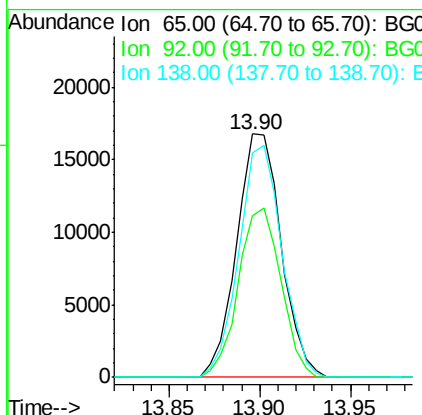
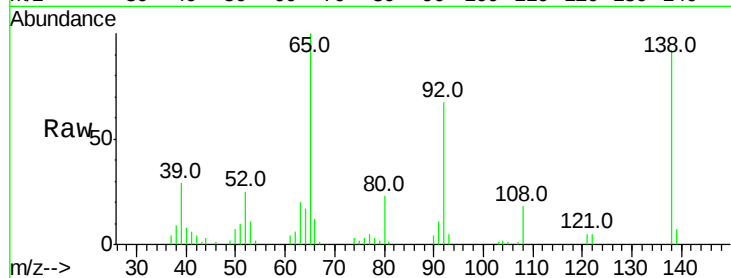




#47  
2-Nitroaniline  
Concen: 17.29 ng  
RT: 13.90 min Scan# 1882  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

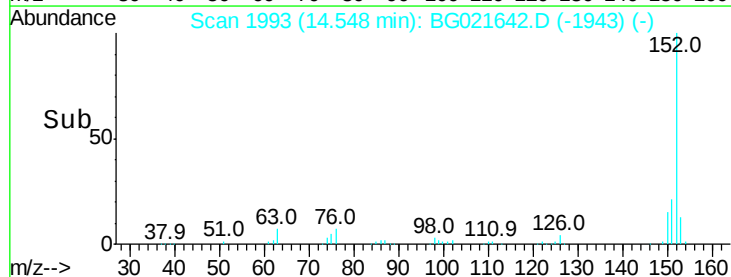
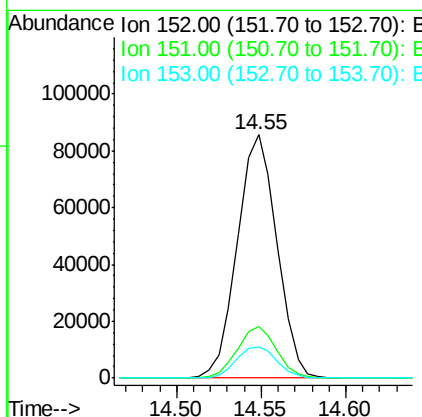
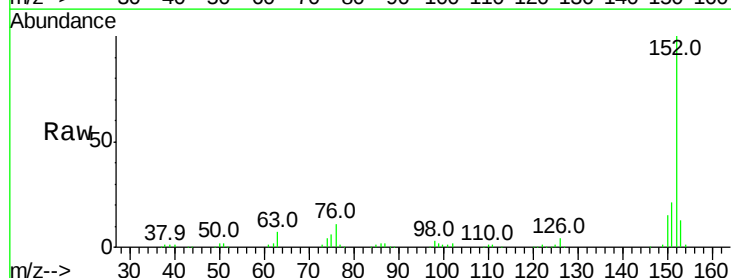
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

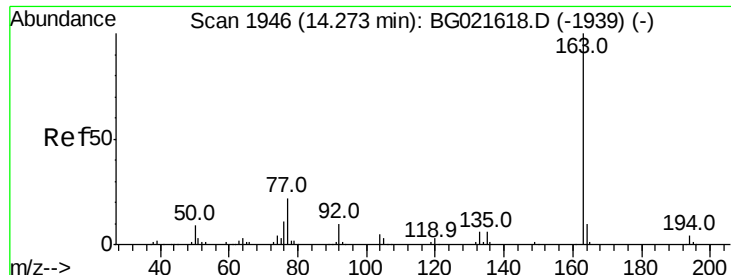
Tot Ion: 65 Resp: 28665  
Ion Ratio Lower Upper  
65 100  
92 66.5 49.2 73.8  
138 92.1 75.0 112.6



#48  
Acenaphthylene  
Concen: 17.44 ng  
RT: 14.55 min Scan# 1993  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

Tgt Ion: 152 Resp: 139465  
Ion Ratio Lower Upper  
152 100  
151 21.3 16.6 24.8  
153 12.7 10.2 15.2





#49

Dimethylphthalate

Concen: 16.82 ng

RT: 14.27 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

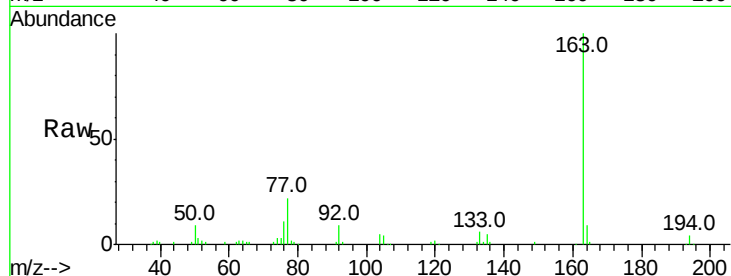
Tot Ion:163 Resp: 112913

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

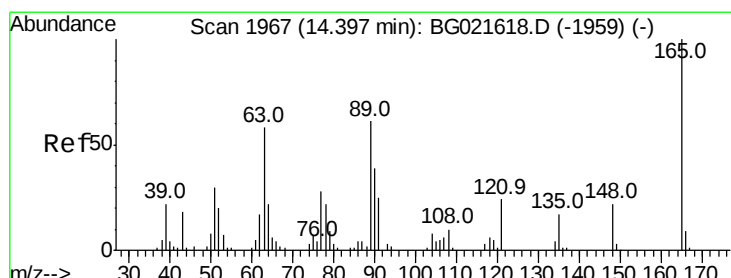
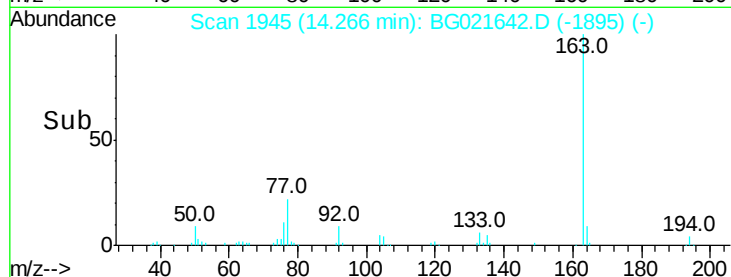
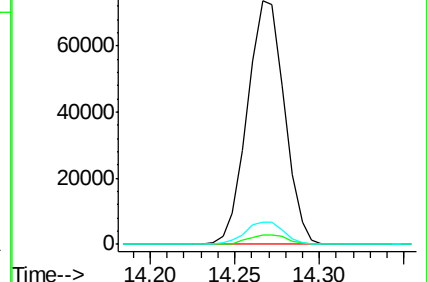
164 9.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 18.06 ng

RT: 14.38 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

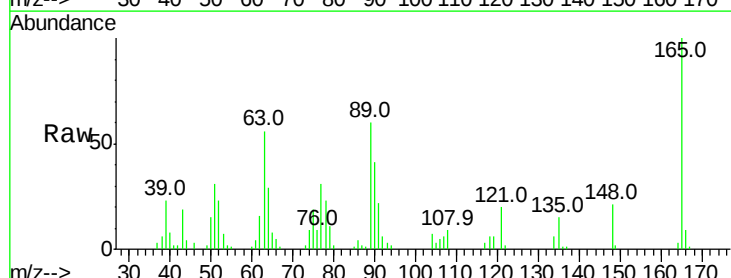
Tgt Ion:165 Resp: 23124

Ion Ratio Lower Upper

165 100

63 55.6 48.2 72.4

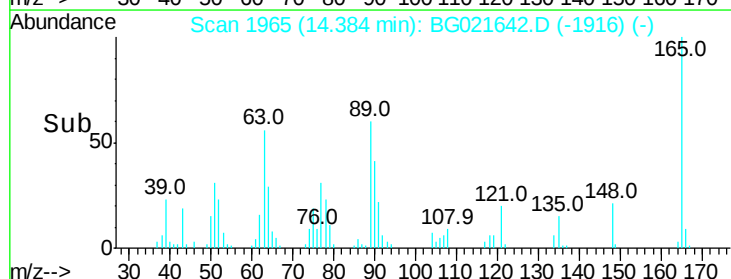
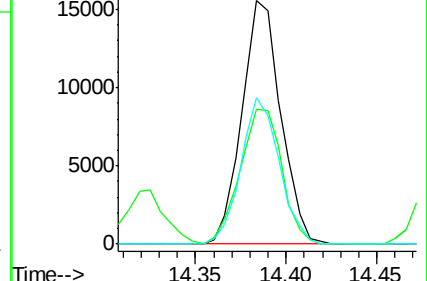
89 60.2 45.3 67.9

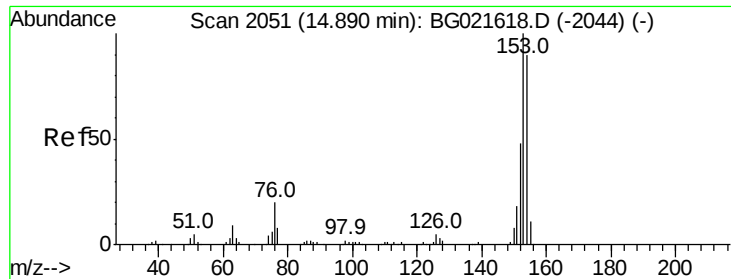


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 17.13 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

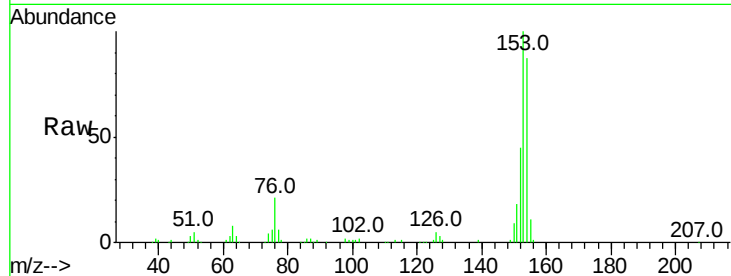
Tot Ion:154 Resp: 87582

Ion Ratio Lower Upper

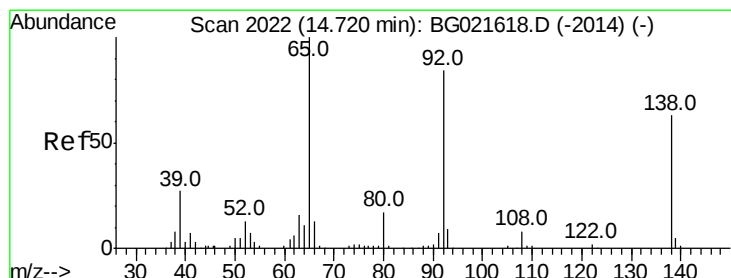
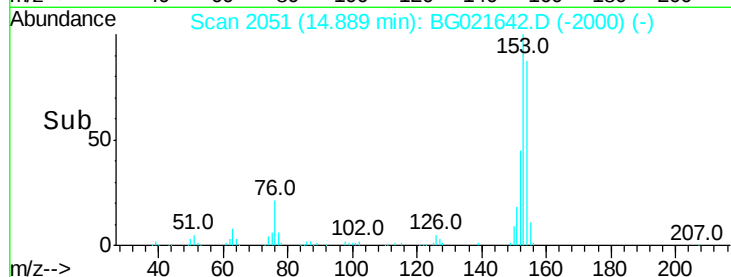
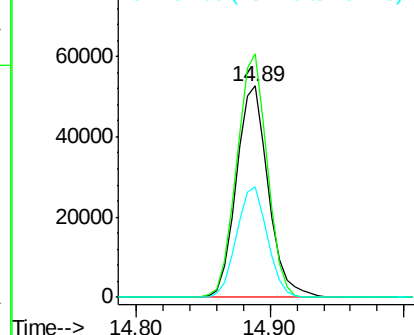
154 100

153 115.2 91.9 137.9

152 52.2 42.0 63.0



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



#52

3-Nitroaniline

Concen: 14.46 ng

RT: 14.71 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

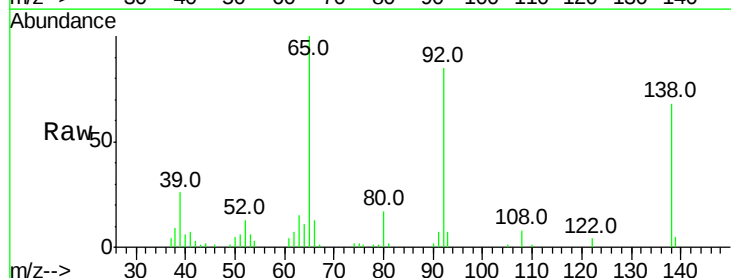
Tgt Ion:138 Resp: 20527

Ion Ratio Lower Upper

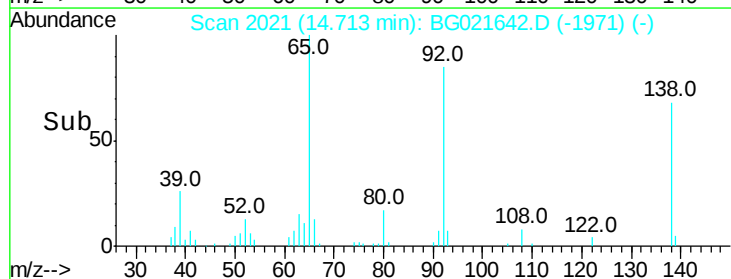
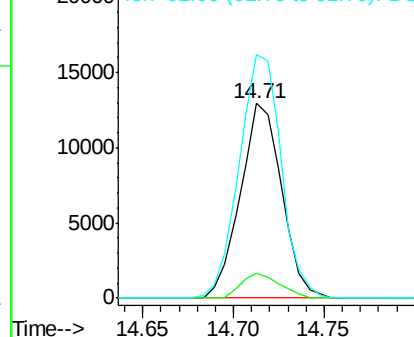
138 100

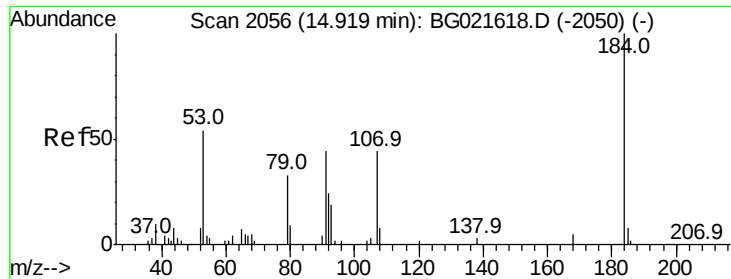
108 12.4 9.1 13.7

92 125.3 102.6 154.0



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

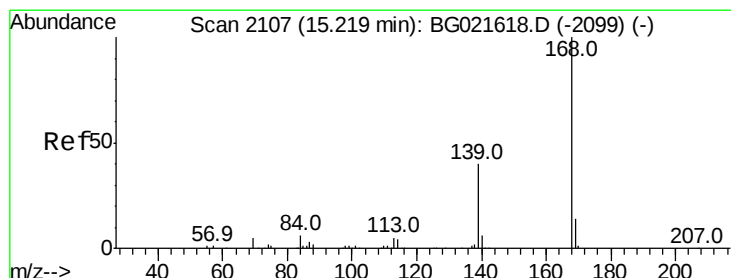
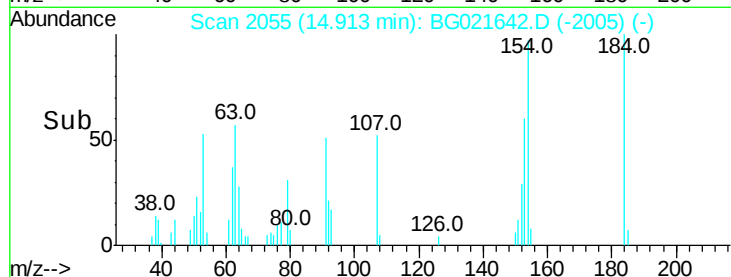
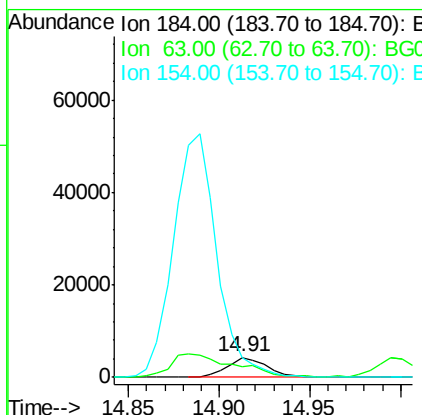
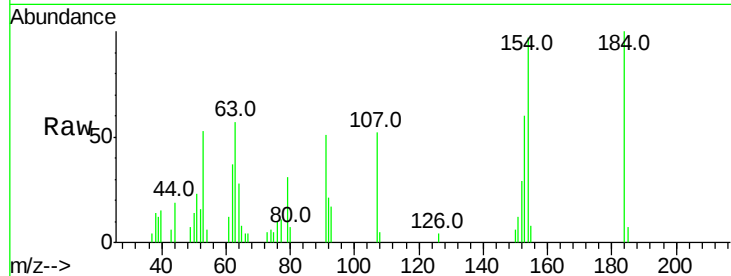




#53  
2,4-Dinitrophenol  
Concen: 19.42 ng  
RT: 14.91 min Scan# 2055  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

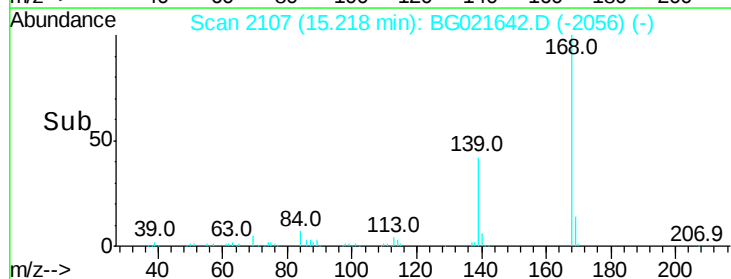
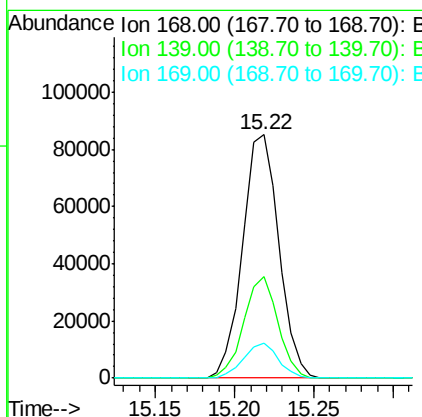
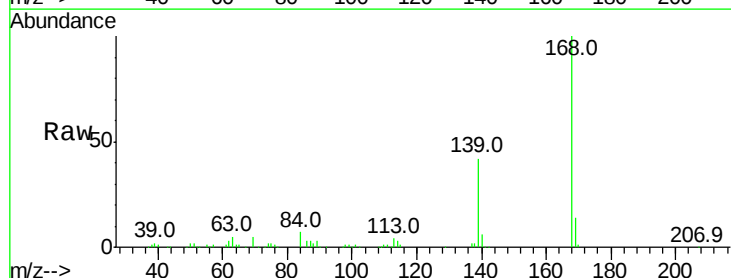
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

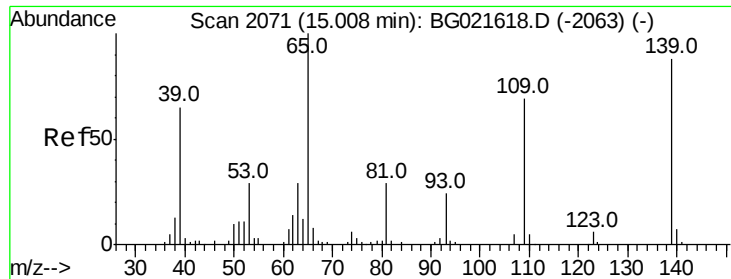
Tot Ion:184 Resp: 6497  
Ion Ratio Lower Upper  
184 100  
63 57.3 57.3 85.9  
154 97.3 55.2 82.8#



#54  
Dibenzofuran  
Concen: 19.38 ng  
RT: 15.22 min Scan# 2107  
Delta R.T. -0.00 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

Tgt Ion:168 Resp: 135258  
Ion Ratio Lower Upper  
168 100  
139 41.9 31.1 46.7  
169 14.2 11.0 16.6

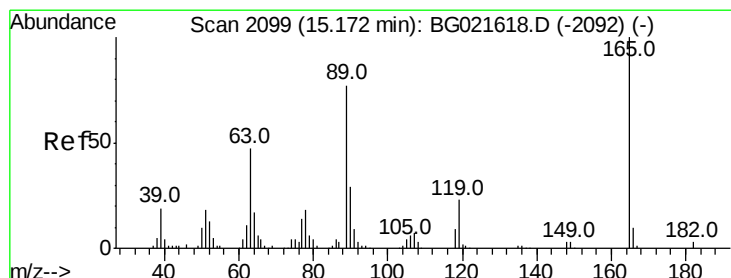
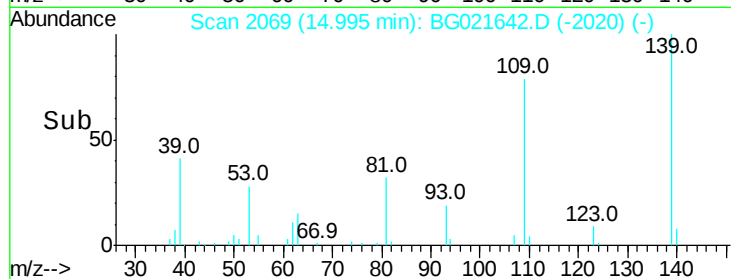
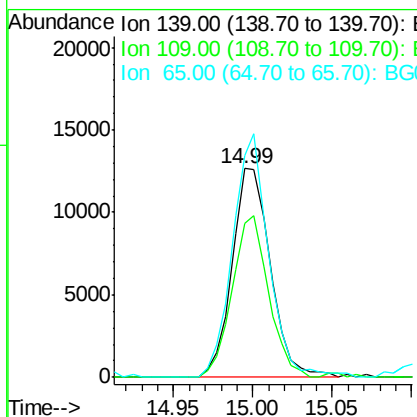
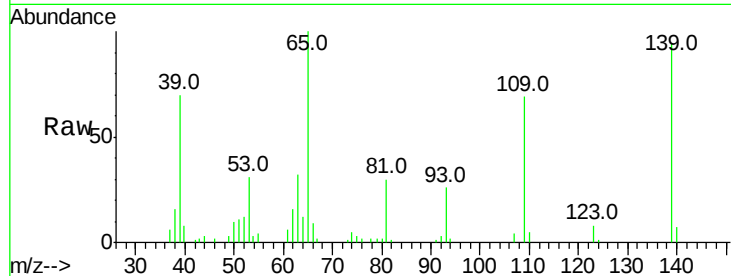




#55  
 4-Nitrophenol  
 Concen: 17.48 ng  
 RT: 14.99 min Scan# 2069  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

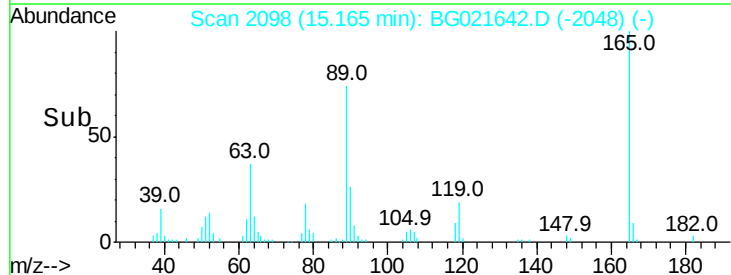
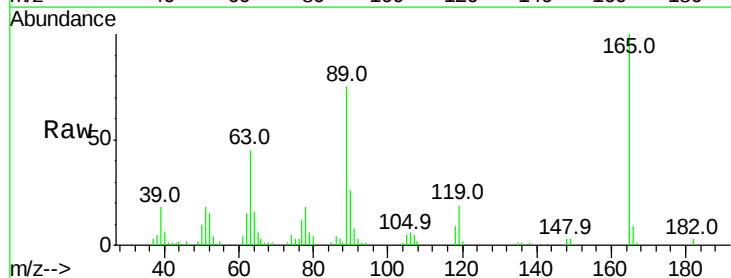
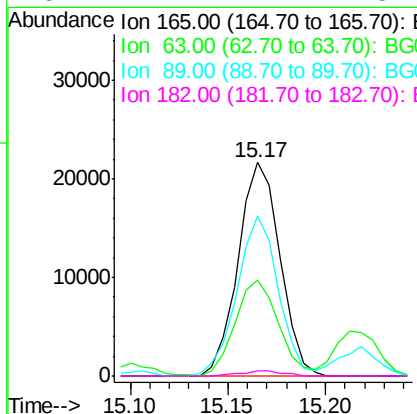
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

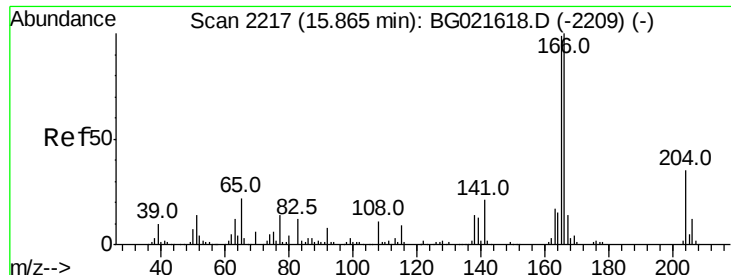
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 73.9  | 49.2  | 89.2  |
| 65      | 106.3 | 83.2  | 123.2 |



#56  
 2,4-Dinitrotoluene  
 Concen: 18.58 ng  
 RT: 15.17 min Scan# 2098  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.2  | 37.4  | 56.0  |
| 89      | 74.9  | 59.4  | 89.0  |
| 182     | 2.7   | 2.1   | 3.1   |





#57

Fluorene

Concen: 17.96 ng

RT: 15.86 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

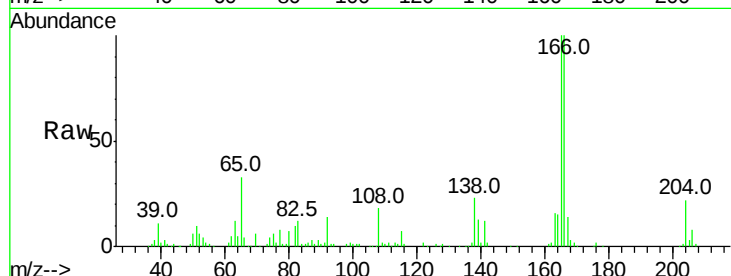
Tot Ion:166 Resp: 111981

Ion Ratio Lower Upper

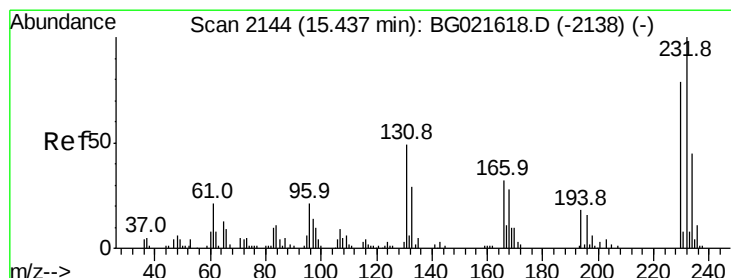
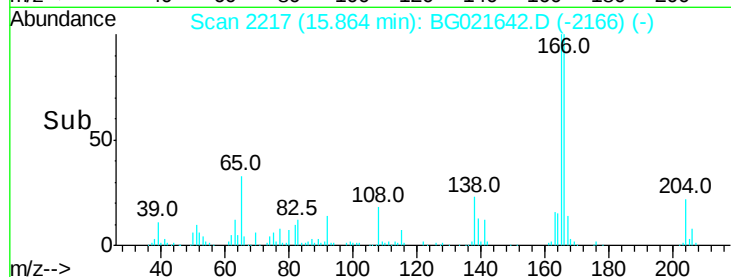
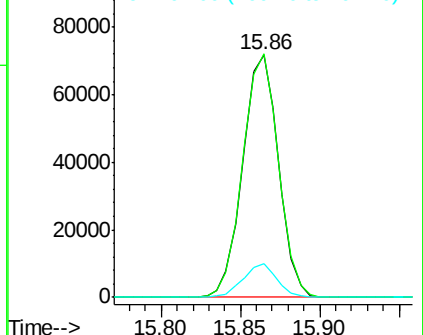
166 100

165 100.5 79.0 118.4

167 13.9 10.7 16.1



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.46 ng

RT: 15.44 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Tgt Ion:232 Resp: 26957

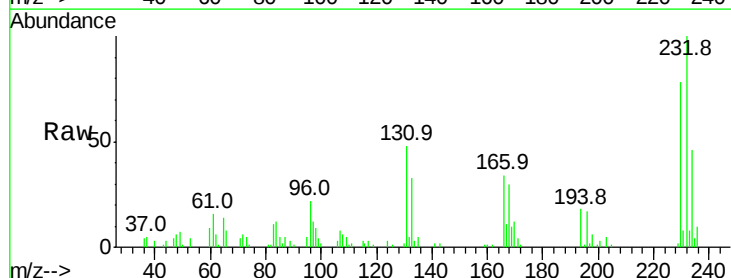
Ion Ratio Lower Upper

232 100

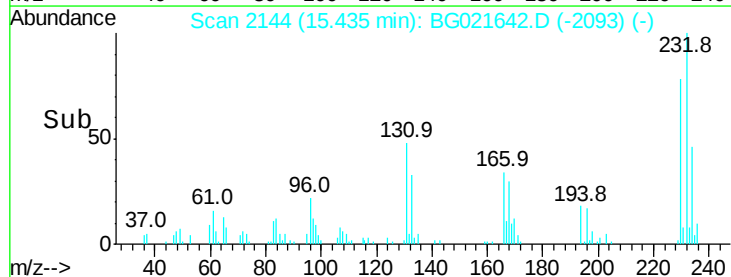
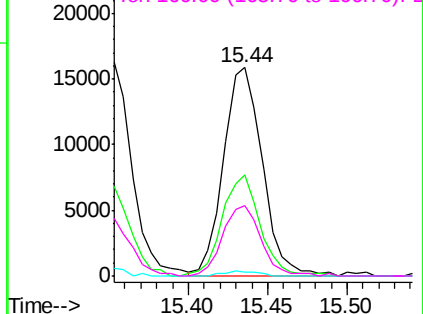
131 47.5 36.3 54.5

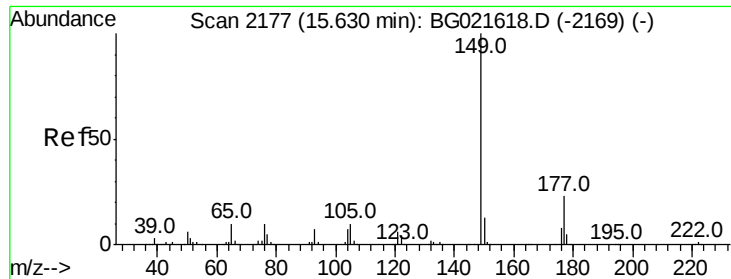
130 2.1 1.9 2.9

166 33.3 25.0 37.4



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

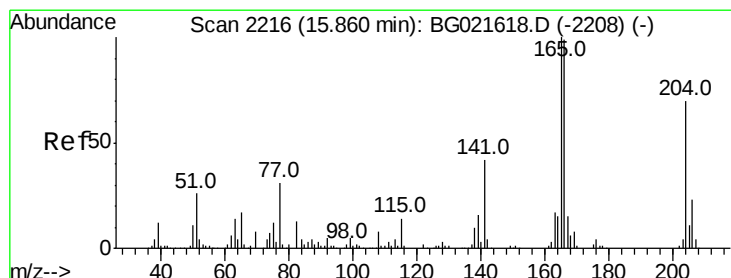
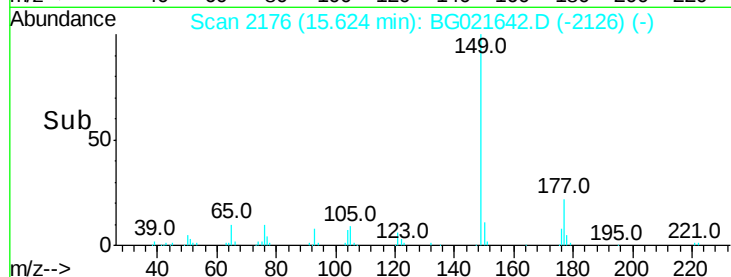
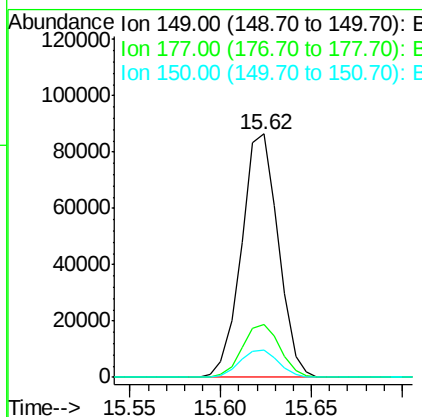
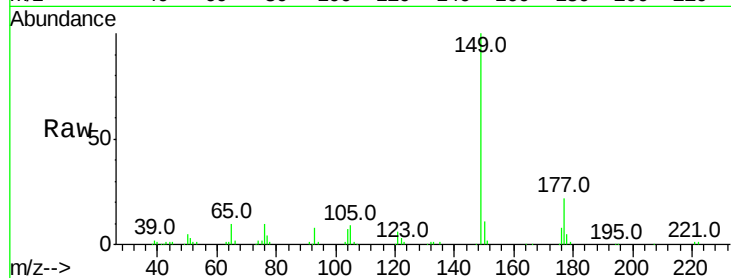




#59  
Diethylphthalate  
Concen: 17.35 ng  
RT: 15.62 min Scan# 2176  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

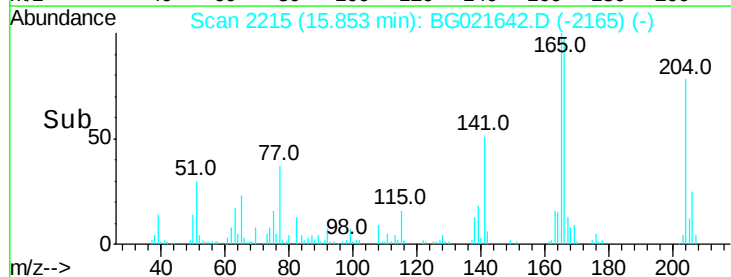
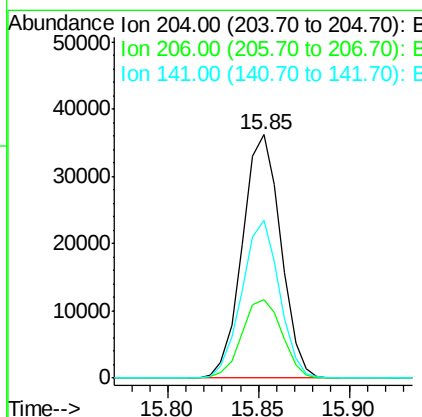
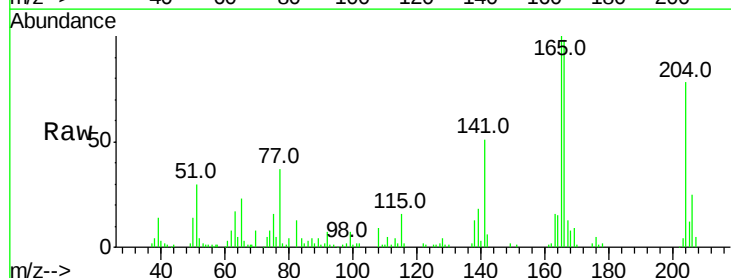
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

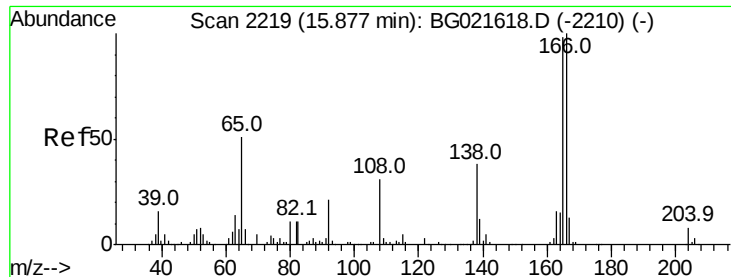
Tot Ion:149 Resp: 121596  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.3 25.9  
150 11.4 9.7 14.5



#60  
4-Chlorophenyl-phenylether  
Concen: 17.34 ng  
RT: 15.85 min Scan# 2215  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

Tgt Ion:204 Resp: 53253  
Ion Ratio Lower Upper  
204 100  
206 32.3 27.8 41.8  
141 64.8 51.0 76.4





#61

4-Nitroaniline

Concen: 18.55 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

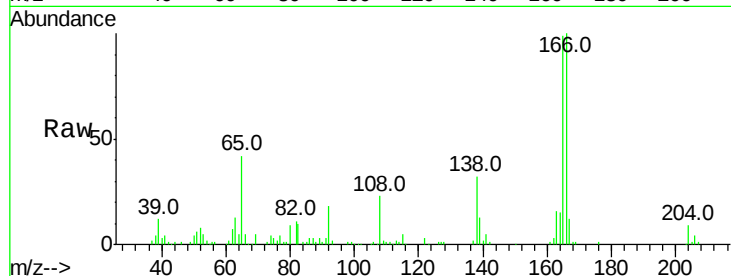
Tot Ion:138 Resp: 28978

Ion Ratio Lower Upper

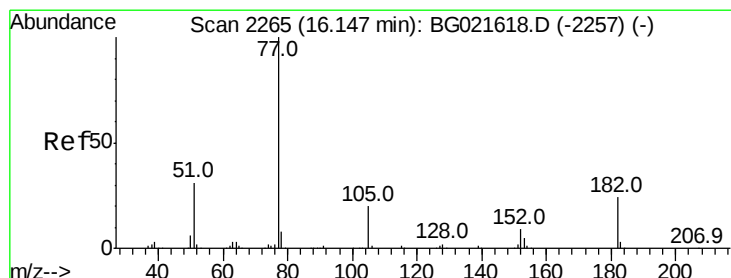
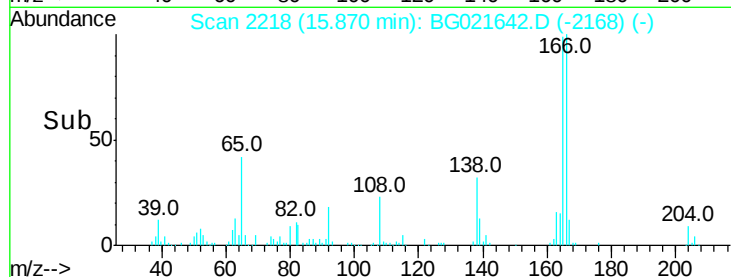
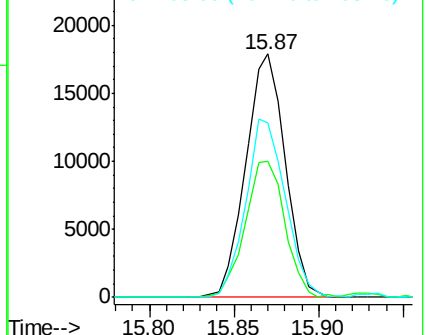
138 100

92 56.1 37.7 77.7

108 71.8 59.4 99.4



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



#62

Azobenzene

Concen: 19.24 ng

RT: 16.14 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Tgt Ion: 77 Resp: 115545

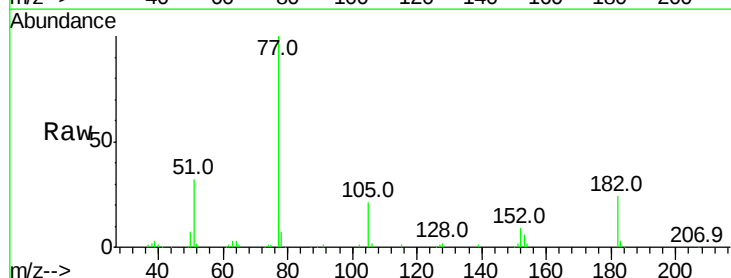
Ion Ratio Lower Upper

77 100

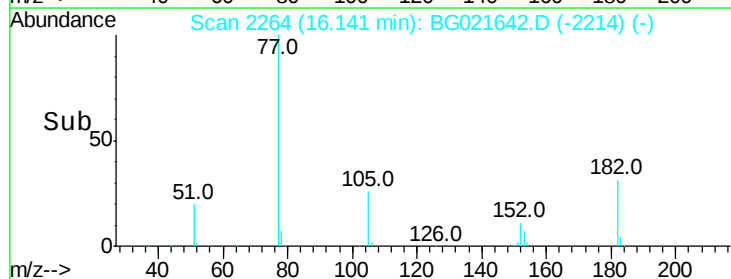
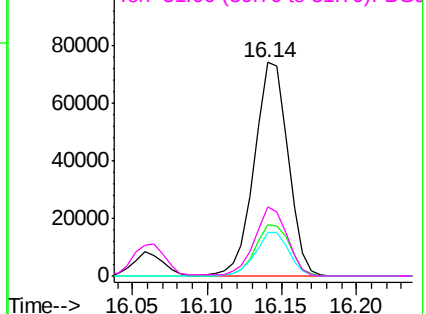
182 23.9 4.1 44.1

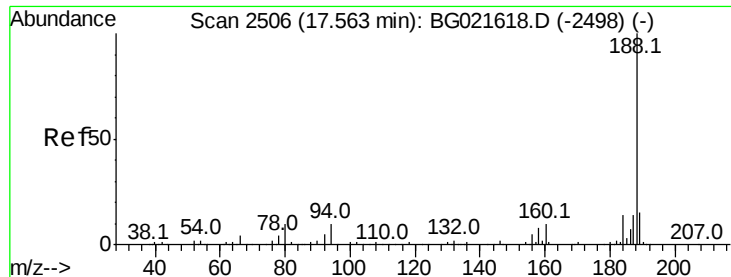
105 20.6 0.0 39.8

51 32.2 11.1 51.1



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BGC

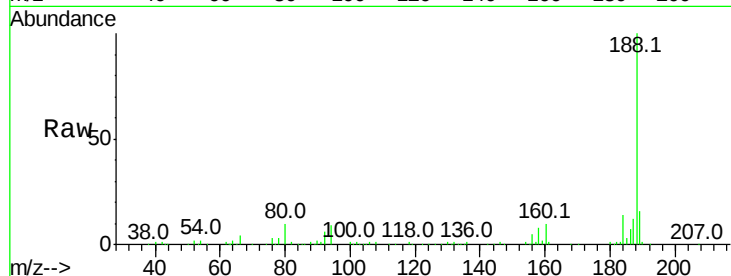




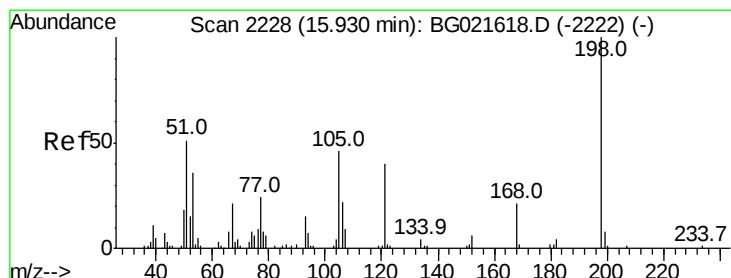
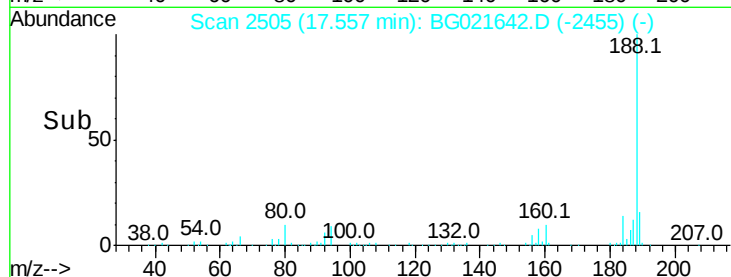
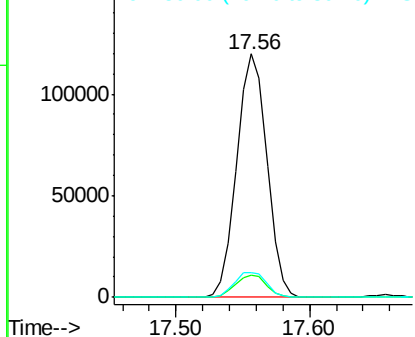
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.56 min Scan# 2505  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

Tot Ion:188 Resp: 187438  
 Ion Ratio Lower Upper  
 188 100  
 94 9.0 7.5 11.3  
 80 10.4 8.6 13.0

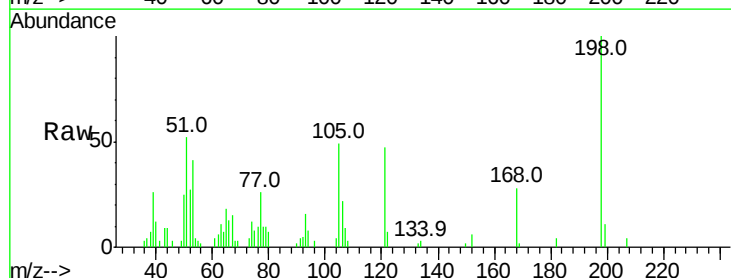


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BGC  
 Ion 80.00 (79.70 to 80.70): BGC

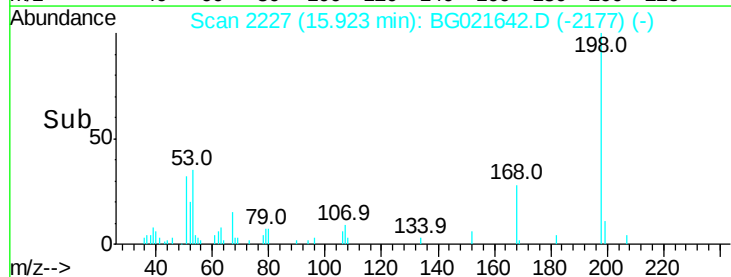
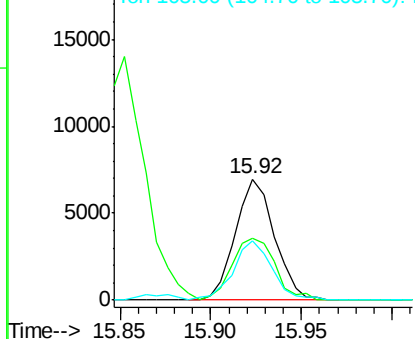


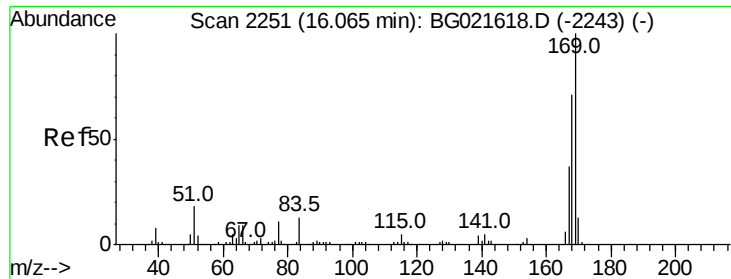
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 17.30 ng  
 RT: 15.92 min Scan# 2227  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

Tgt Ion:198 Resp: 10467  
 Ion Ratio Lower Upper  
 198 100  
 51 51.6 29.2 69.2  
 105 49.0 24.0 64.0



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

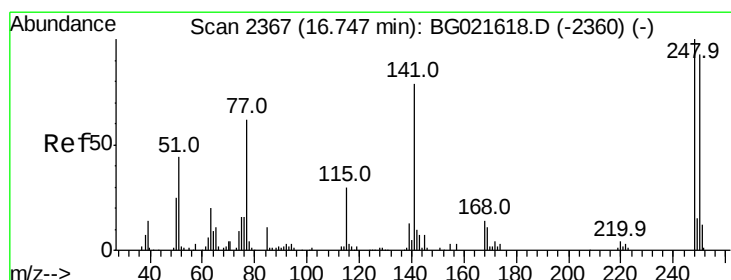
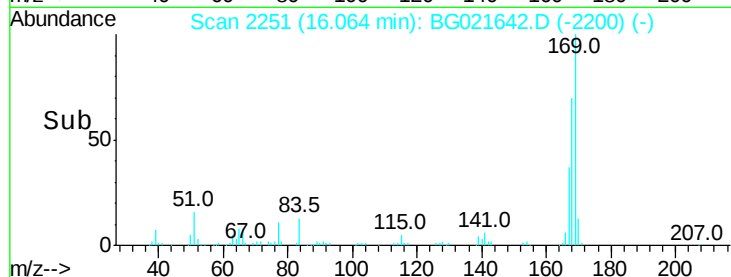
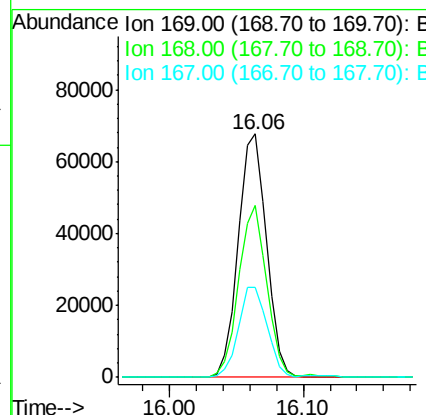
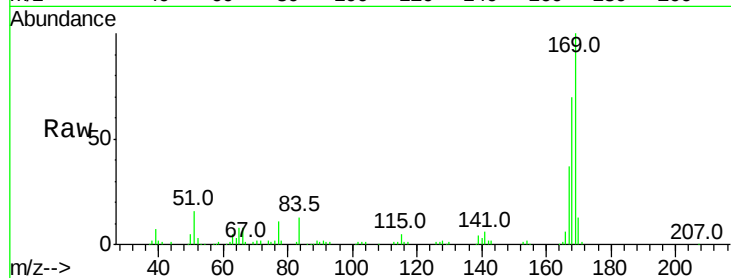




#65  
 n-Nitrosodiphenylamine  
 Concen: 17.81 ng  
 RT: 16.06 min Scan# 2251  
 Delta R.T. -0.00 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

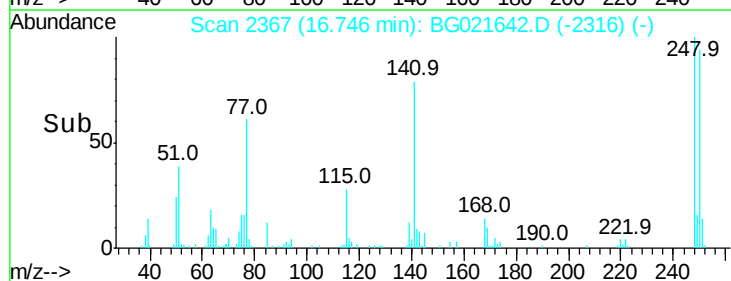
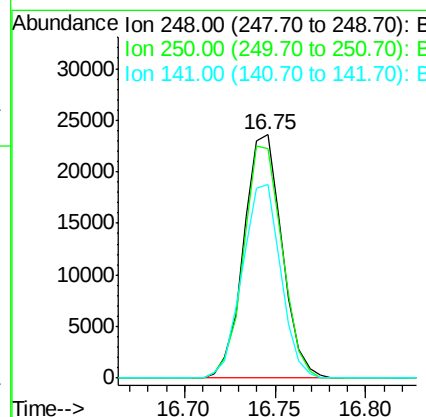
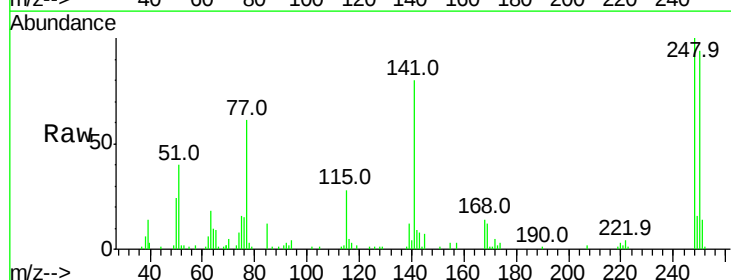
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

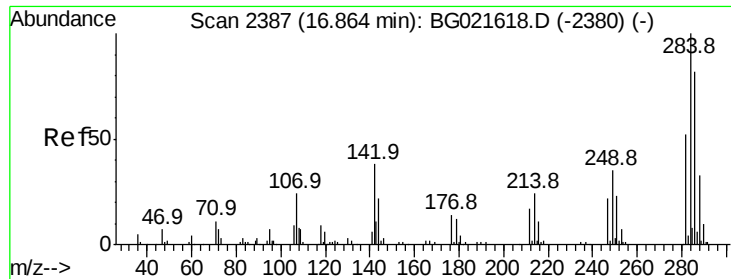
Tot Ion:169 Resp: 100095  
 Ion Ratio Lower Upper  
 169 100  
 168 70.4 59.6 89.4  
 167 37.1 31.2 46.8



#66  
 4-Bromophenyl-phenylether  
 Concen: 17.31 ng  
 RT: 16.75 min Scan# 2367  
 Delta R.T. -0.00 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

Tgt Ion:248 Resp: 34768  
 Ion Ratio Lower Upper  
 248 100  
 250 94.4 76.6 114.8  
 141 79.8 63.8 95.6

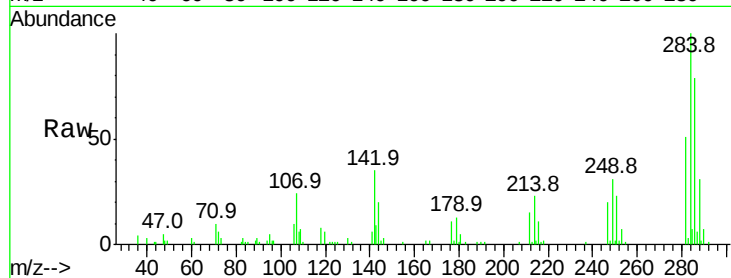




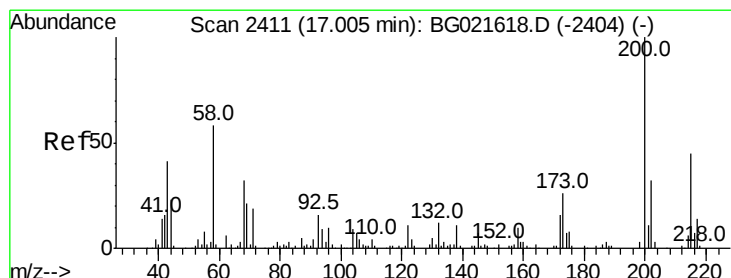
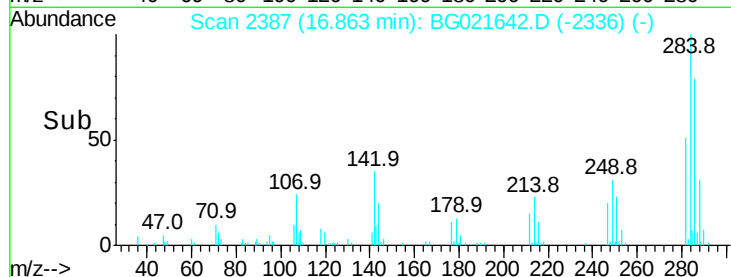
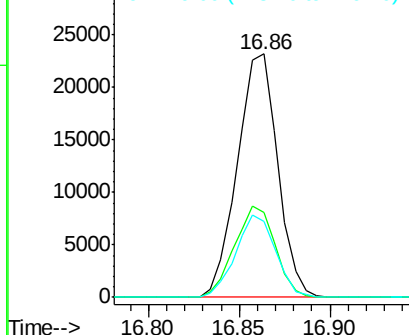
#67  
Hexachlorobenzene  
Concen: 16.90 ng  
RT: 16.86 min Scan# 2387  
Delta R.T. -0.00 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

Tot Ion:284 Resp: 35829  
Ion Ratio Lower Upper  
284 100  
142 34.7 31.8 47.6  
249 31.3 27.3 40.9

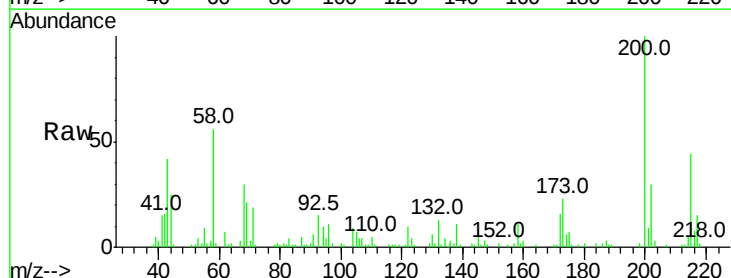


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

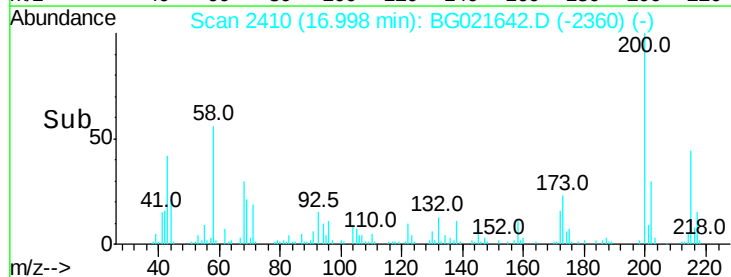
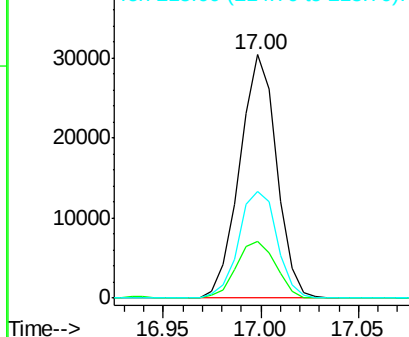


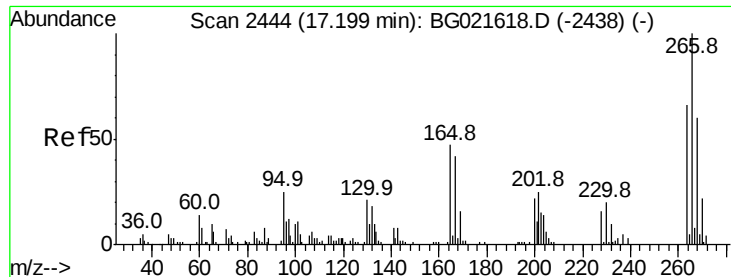
#68  
Atrazine  
Concen: 18.03 ng  
RT: 17.00 min Scan# 2410  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

Tgt Ion:200 Resp: 40021  
Ion Ratio Lower Upper  
200 100  
173 23.4 5.1 45.1  
215 43.9 28.0 68.0



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

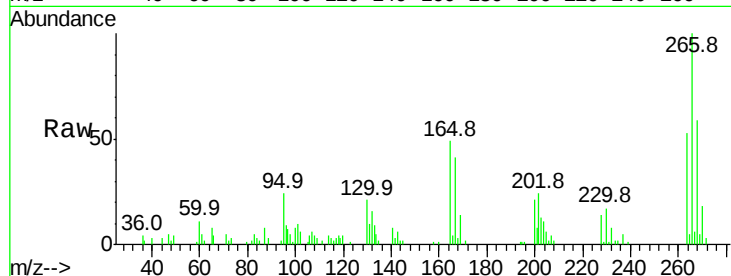




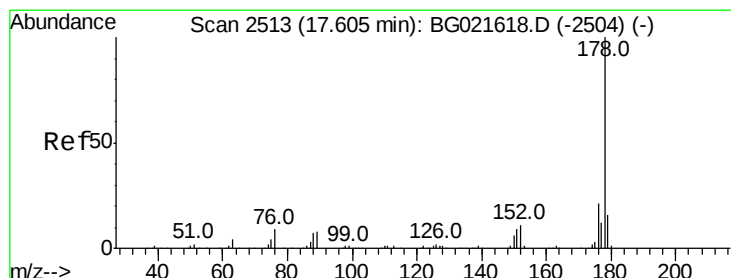
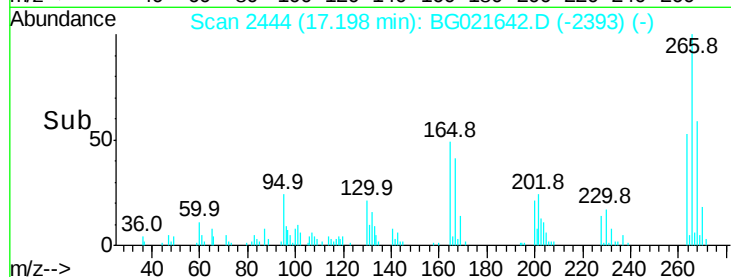
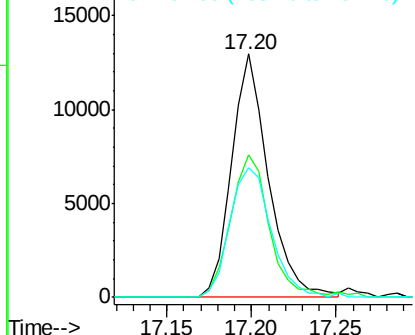
#69  
 Pentachlorophenol  
 Concen: 16.18 ng  
 RT: 17.20 min Scan# 2444  
 Delta R.T. -0.00 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.3  | 54.5  | 81.7  |
| 264     | 53.1  | 53.8  | 80.6  |

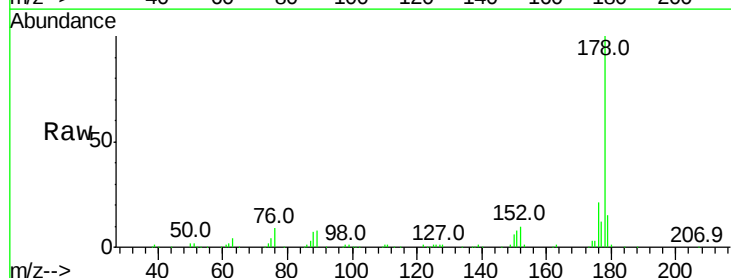


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

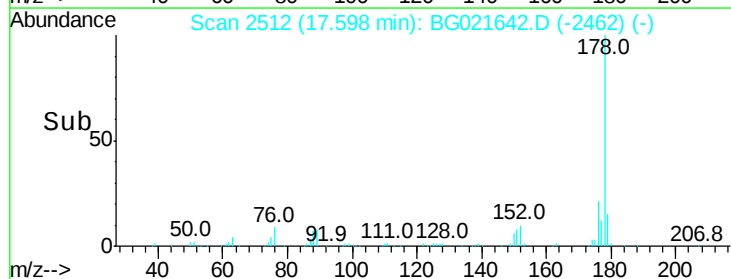
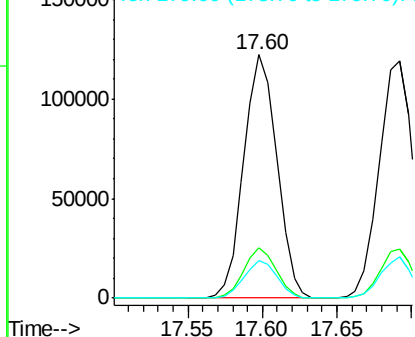


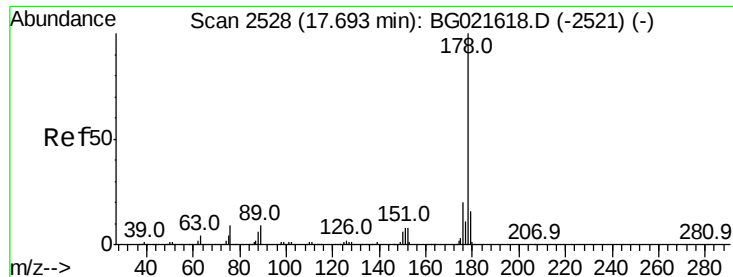
#70  
 Phenanthrene  
 Concen: 18.22 ng  
 RT: 17.60 min Scan# 2512  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.8  | 16.2  | 24.4  |
| 179     | 15.4  | 12.0  | 18.0  |



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

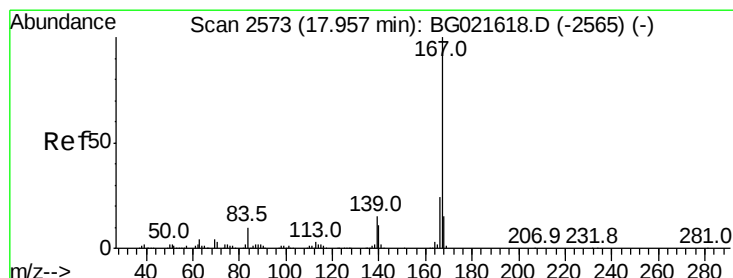
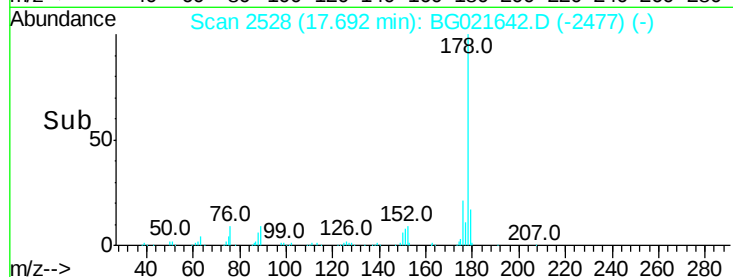
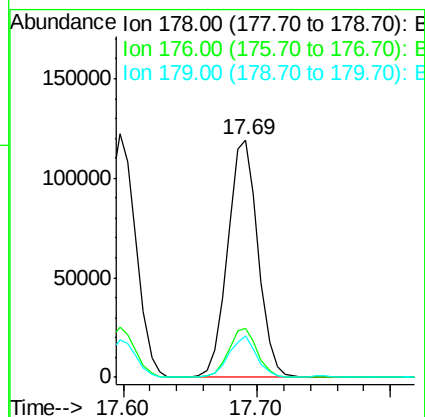
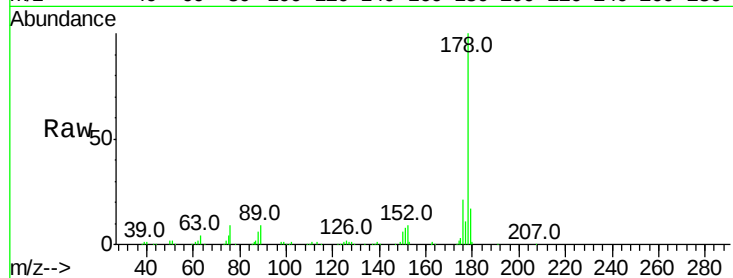




#71  
 Anthracene  
 Concen: 17.99 ng  
 RT: 17.69 min Scan# 2528  
 Delta R.T. -0.00 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

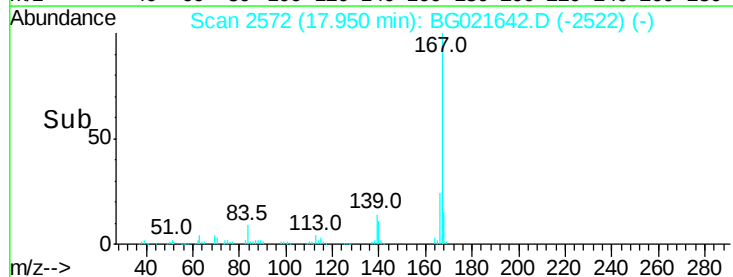
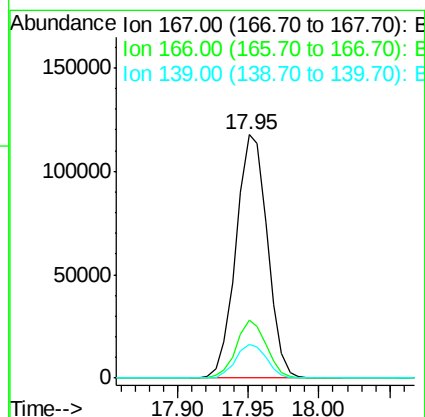
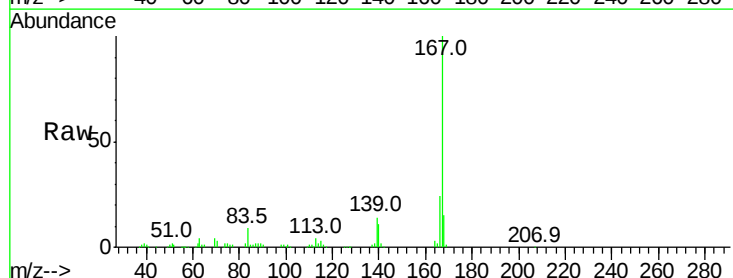
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

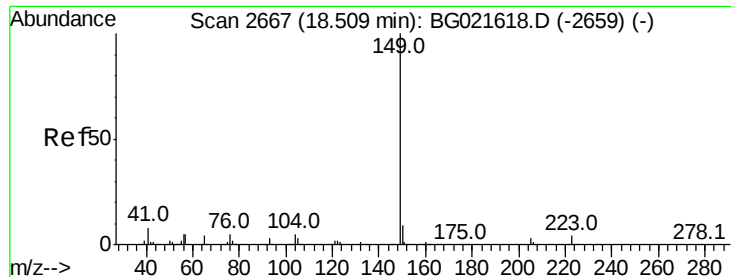
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.6  | 15.0  | 22.4  |
| 179     | 17.2  | 12.2  | 18.4  |



#72  
 Carbazole  
 Concen: 18.67 ng  
 RT: 17.95 min Scan# 2572  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.8  | 18.6  | 27.8  |
| 139     | 13.6  | 10.6  | 15.8  |

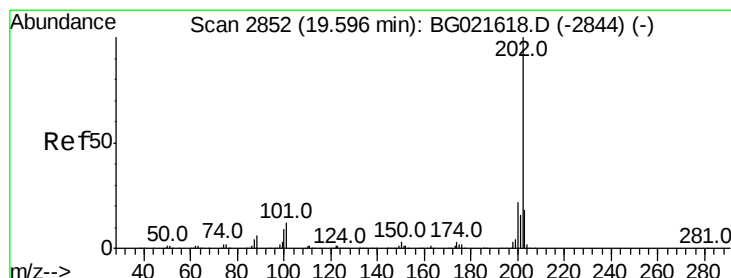
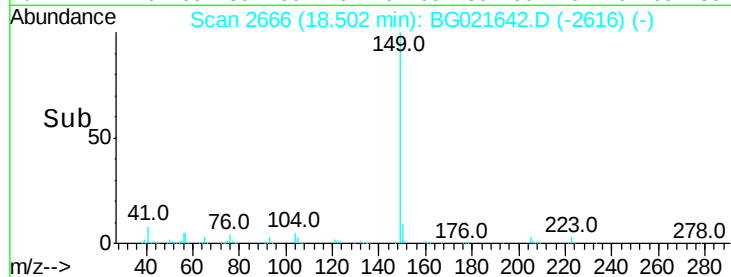
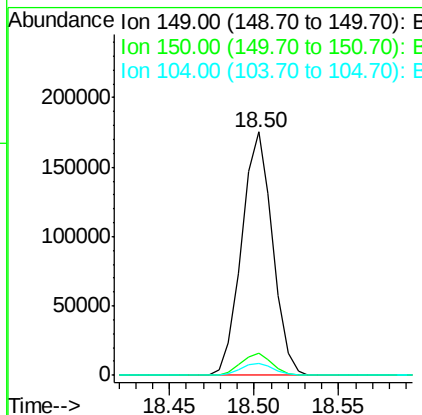
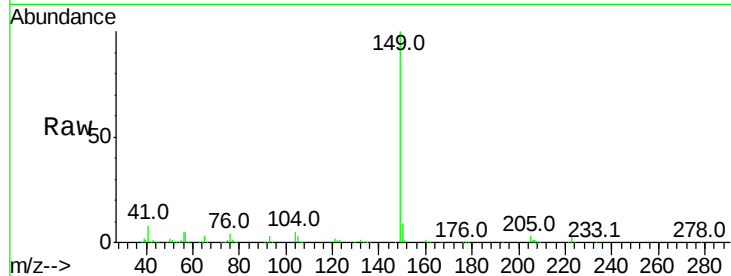




#73  
Di-n-butylphthalate  
Concen: 17.92 ng  
RT: 18.50 min Scan# 2666  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

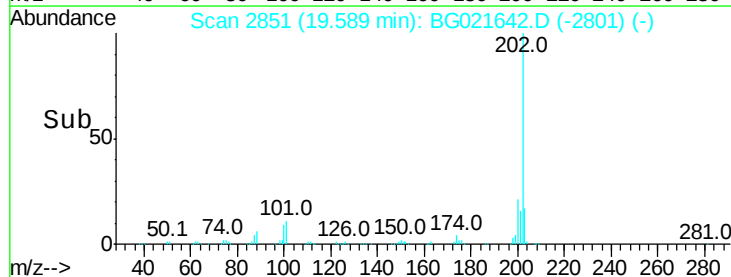
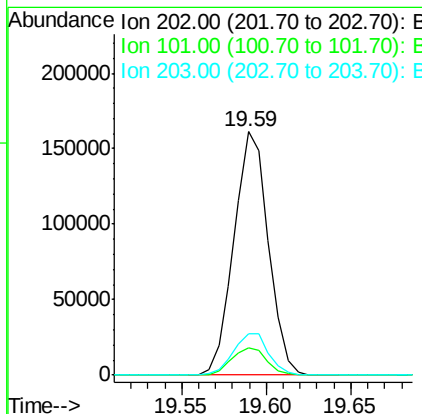
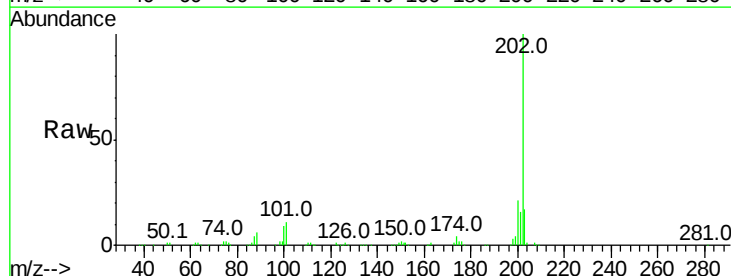
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

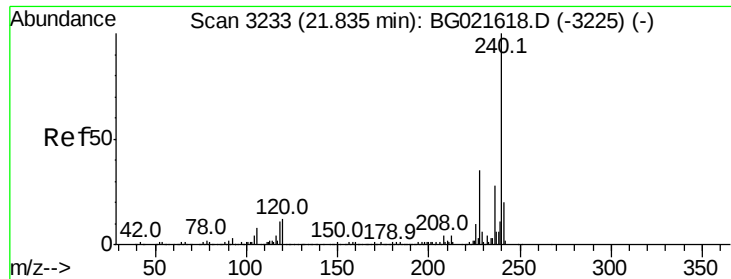
Tot Ion:149 Resp: 223102  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.0  
104 5.0 4.0 6.0



#74  
Fluoranthene  
Concen: 18.56 ng  
RT: 19.59 min Scan# 2851  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

Tgt Ion:202 Resp: 228927  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 31.0  
203 17.0 0.0 37.9

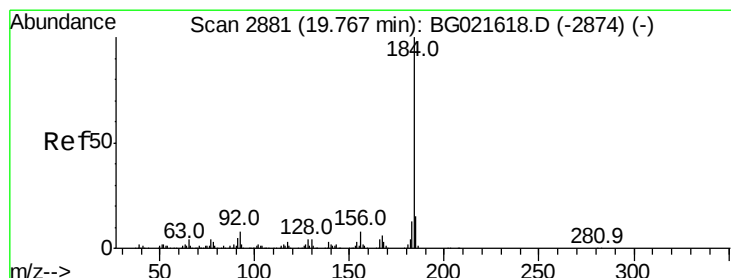
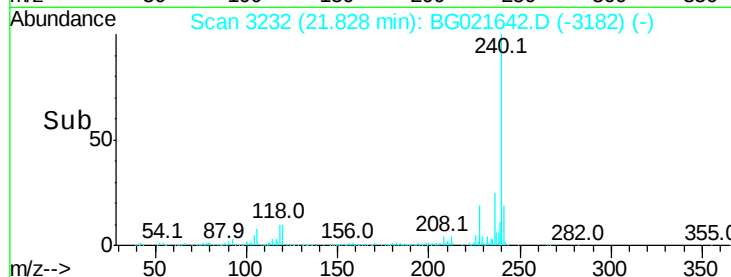
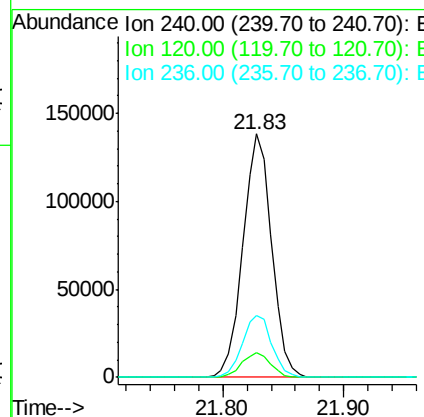
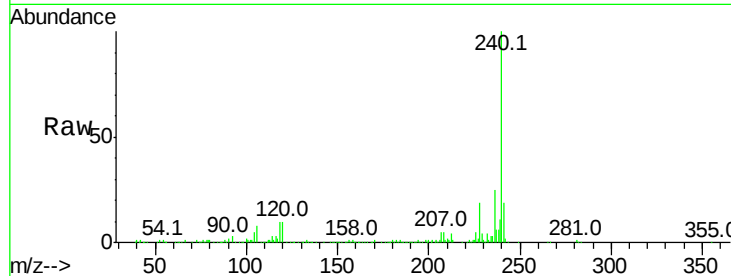




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.83 min Scan# 3232  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

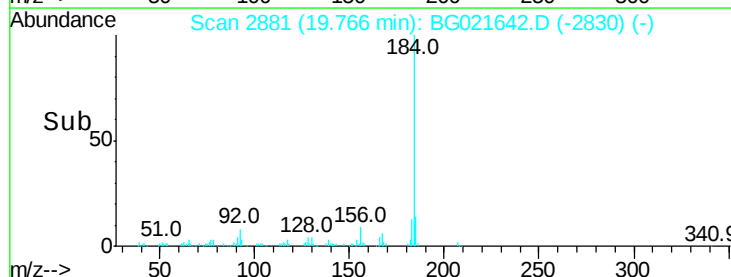
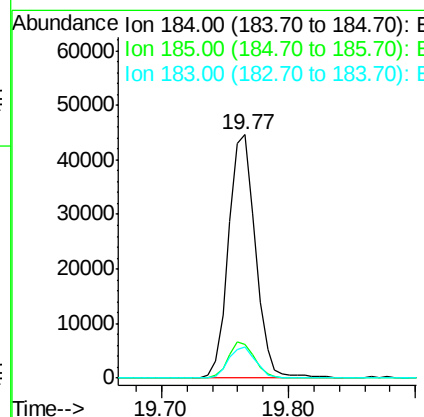
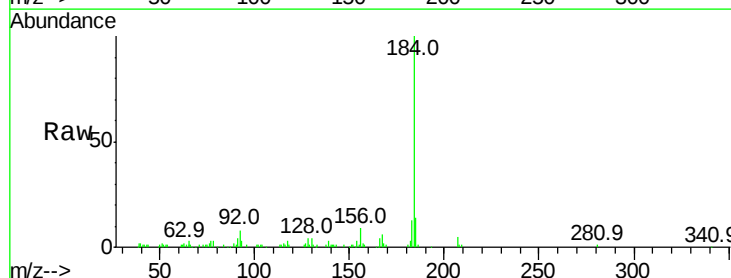
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

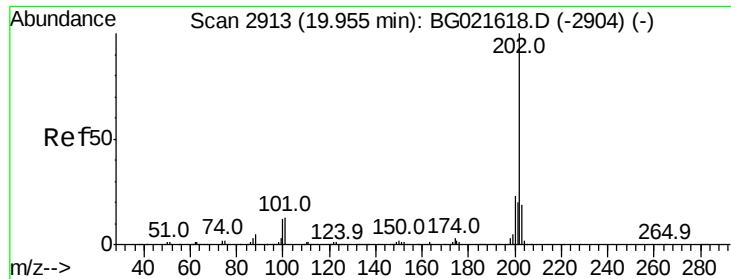
Tot Ion:240 Resp: 228609  
 Ion Ratio Lower Upper  
 240 100  
 120 10.4 8.4 12.6  
 236 25.5 19.6 29.4



#76  
 Benzidine  
 Concen: 9.22 ng  
 RT: 19.77 min Scan# 2881  
 Delta R.T. -0.00 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

Tgt Ion:184 Resp: 65616  
 Ion Ratio Lower Upper  
 184 100  
 185 13.9 11.5 17.3  
 183 12.7 10.2 15.4





#77

Pvrene

Concen: 17.98 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

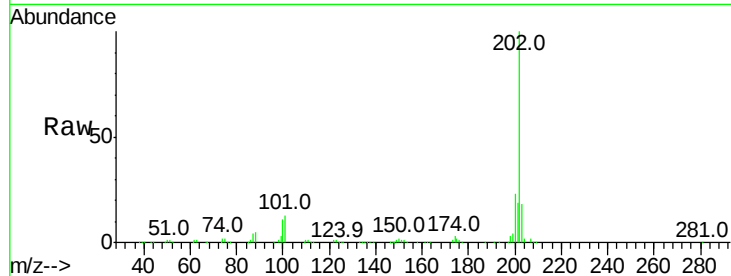
Tot Ion:202 Resp: 236946

Ion Ratio Lower Upper

202 100

200 23.2 18.2 27.2

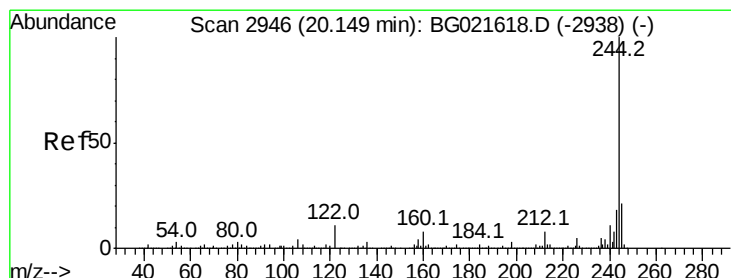
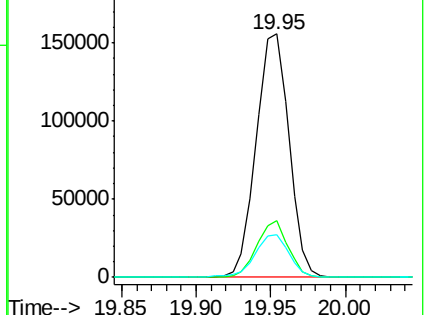
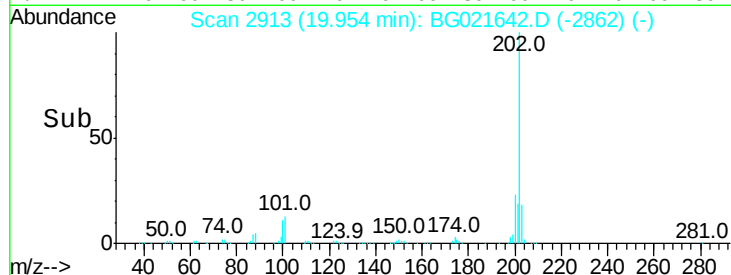
203 17.6 15.0 22.4



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



#78

Terphenyl-d14

Concen: 90.85 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021642.D

Acq: 14 Apr 2016 6:16

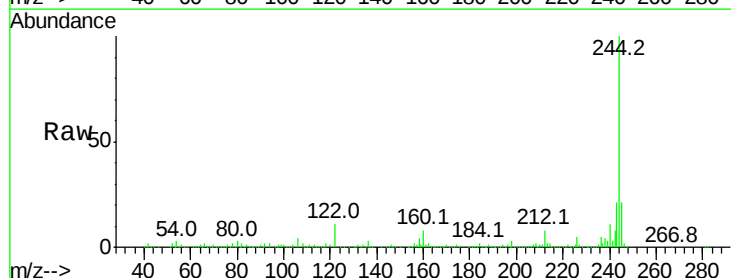
Tgt Ion:244 Resp: 832362

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

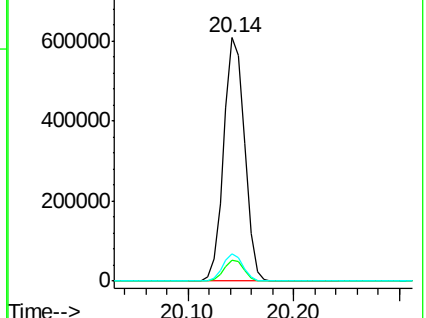
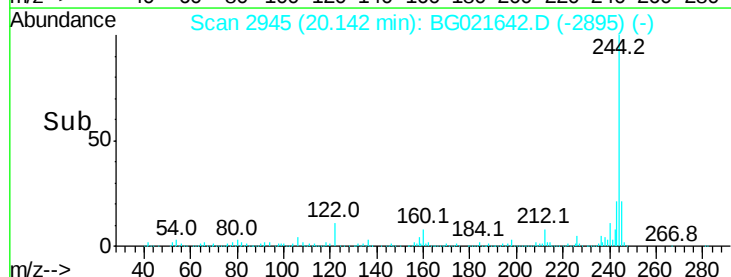
122 11.3 8.6 12.8

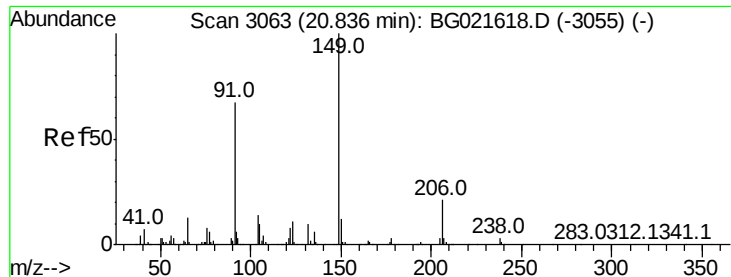


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

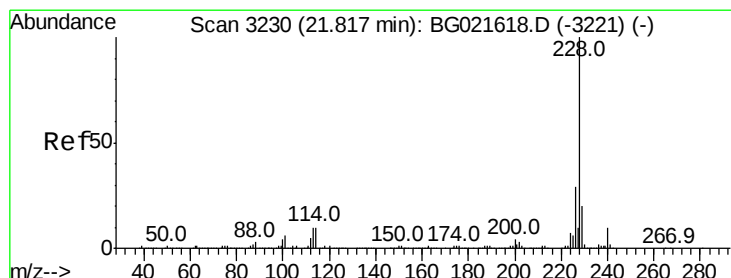
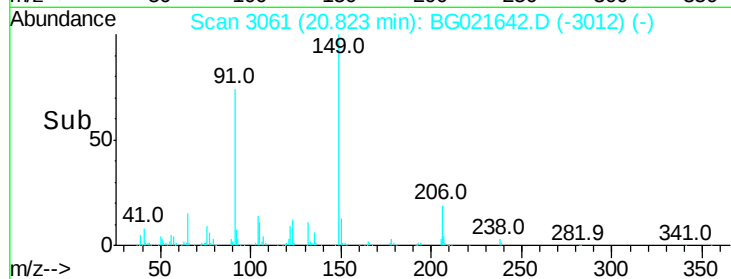
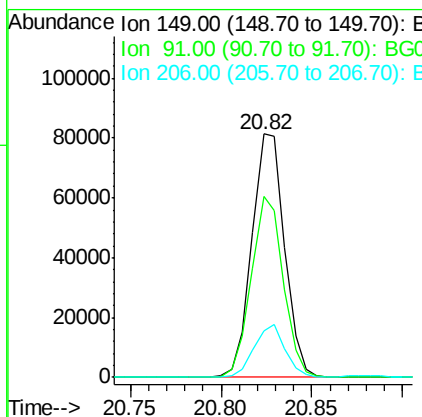
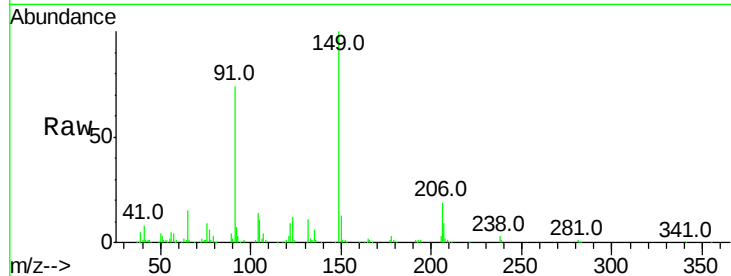




#79  
Butylbenzylphthalate  
Concen: 16.71 ng  
RT: 20.82 min Scan# 3061  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

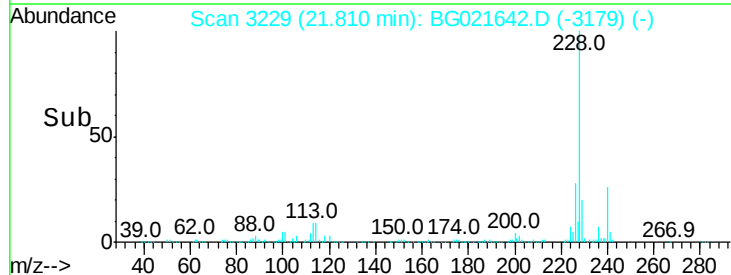
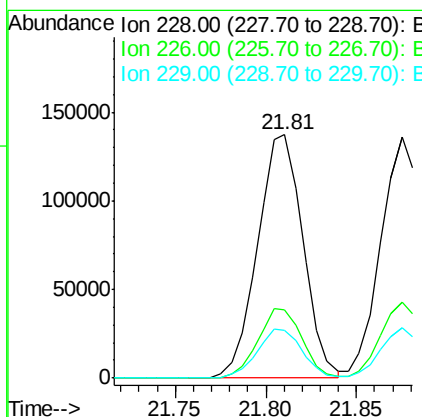
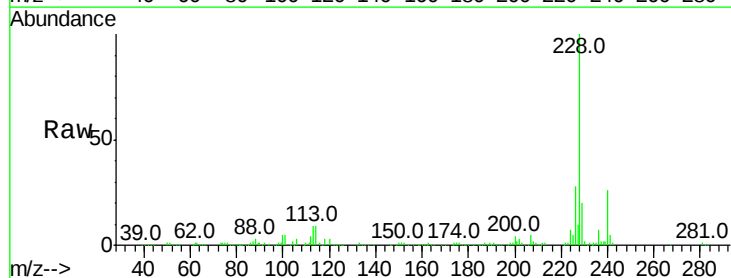
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

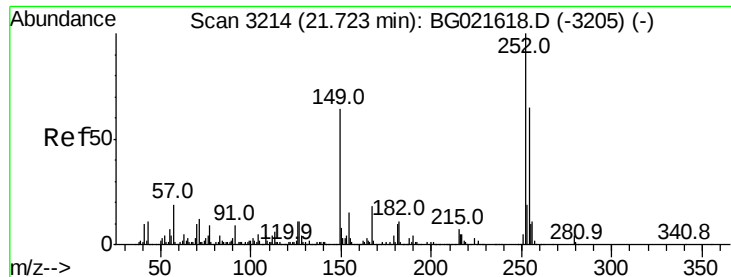
Tot Ion:149 Resp: 102272  
Ion Ratio Lower Upper  
149 100  
91 74.4 57.8 86.8  
206 19.2 17.0 25.4



#80  
Benzo(a)anthracene  
Concen: 18.16 ng  
RT: 21.81 min Scan# 3229  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

Tgt Ion:228 Resp: 238922  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.6 34.0  
229 19.8 16.1 24.1

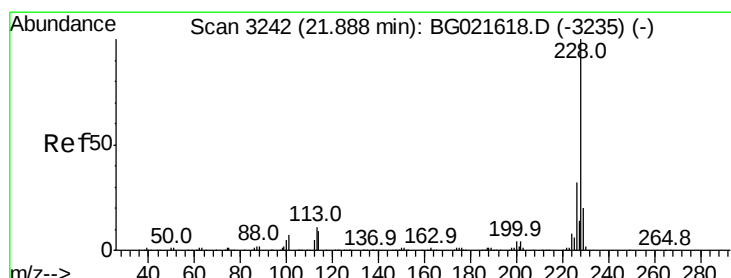
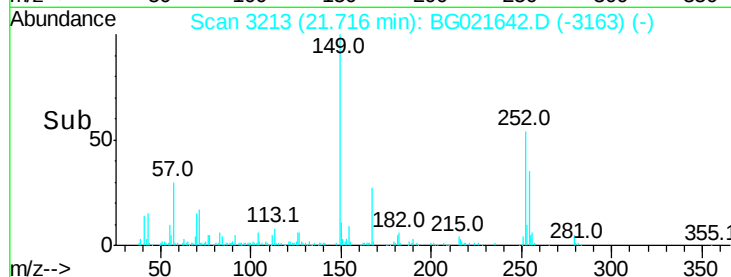
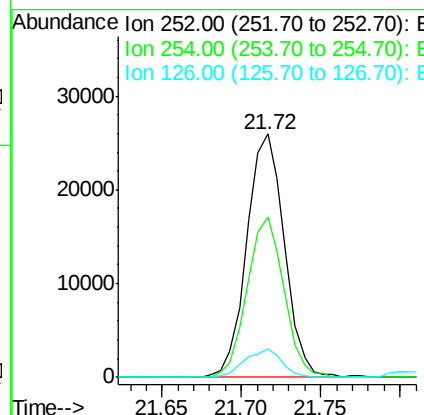
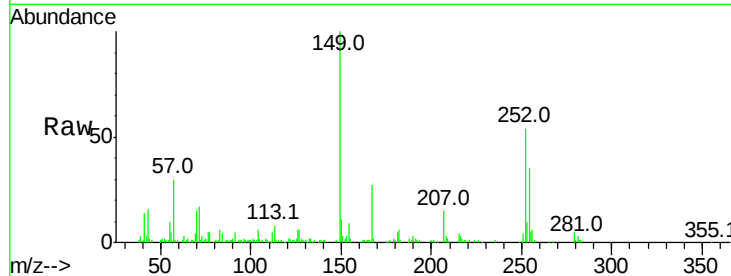




#81  
 3,3'-Dichlorobenzidine  
 Concen: 4.10 ng  
 RT: 21.72 min Scan# 3213  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

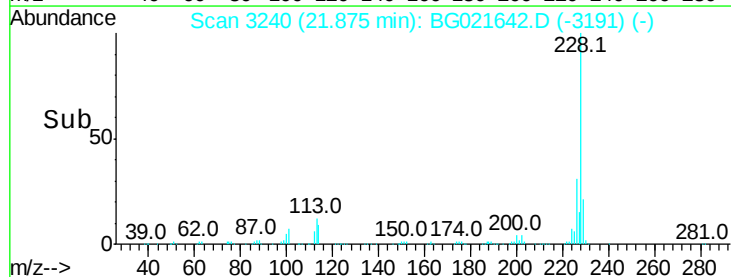
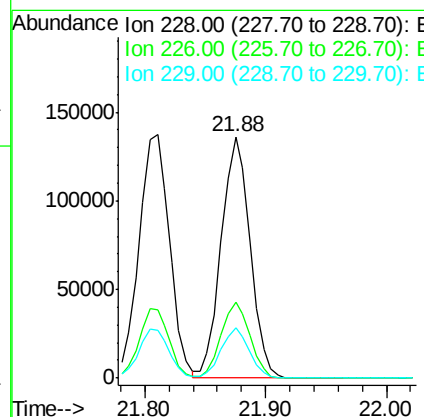
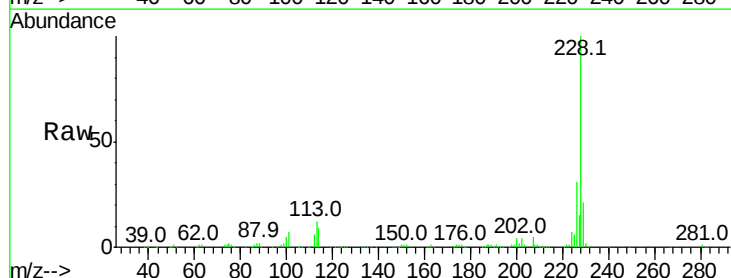
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

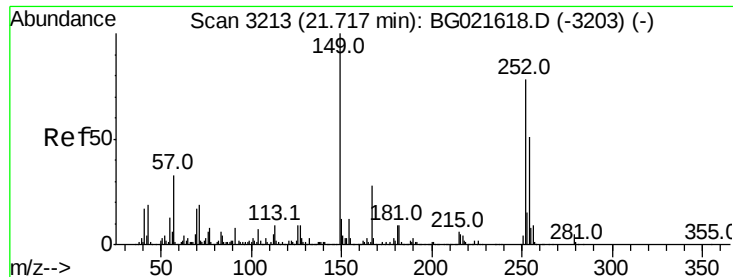
Tot Ion:252 Resp: 42649  
 Ion Ratio Lower Upper  
 252 100  
 254 66.1 51.8 77.6  
 126 11.7 8.8 13.2



#82  
 Chrysene  
 Concen: 17.83 ng  
 RT: 21.88 min Scan# 3240  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

Tgt Ion:228 Resp: 225331  
 Ion Ratio Lower Upper  
 228 100  
 226 31.4 25.4 38.0  
 229 20.8 15.9 23.9

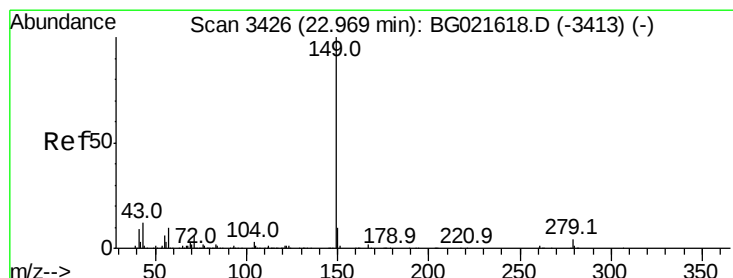
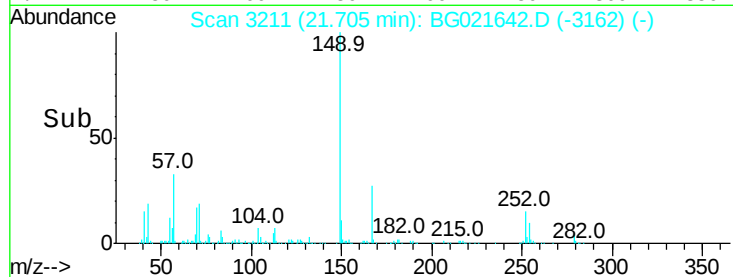
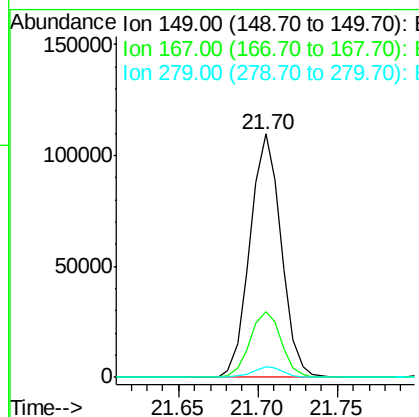
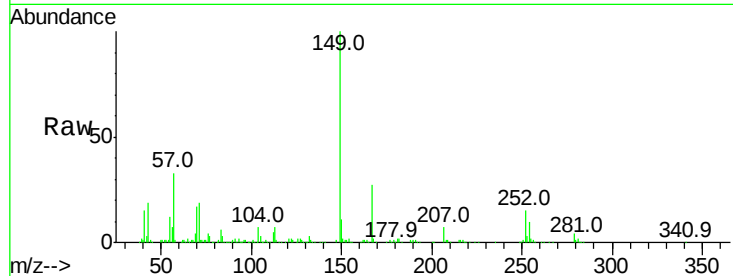




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 16.75 ng  
 RT: 21.70 min Scan# 3211  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

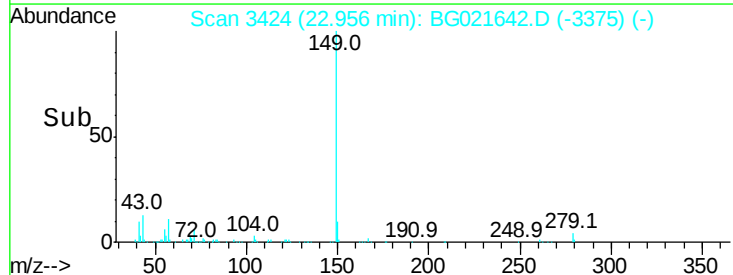
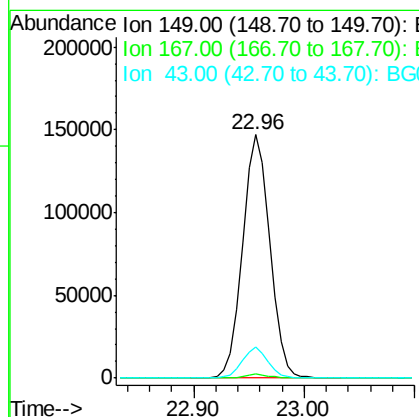
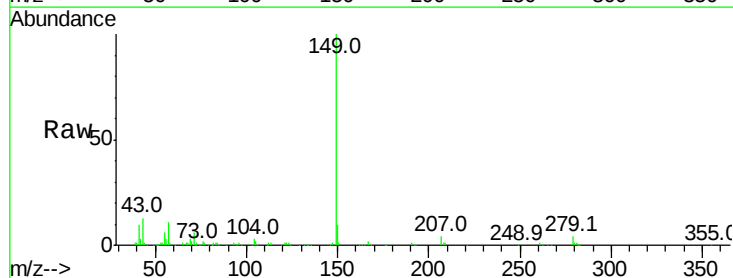
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 ClientSampleId :  
 LOQ-SOIL2016-02

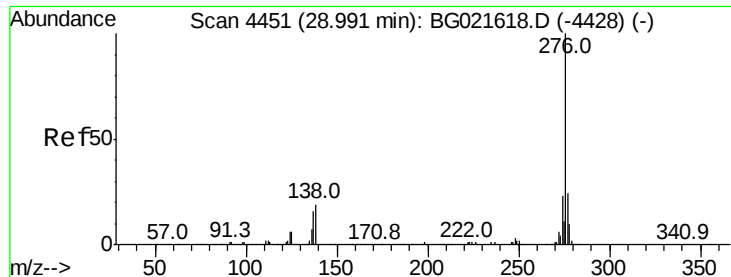
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.8  | 22.4  | 33.6  |
| 279     | 4.3   | 3.2   | 4.8   |



#84  
 Di-n-octyl phthalate  
 Concen: 17.01 ng  
 RT: 22.96 min Scan# 3424  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 12.1  | 9.8   | 14.6  |

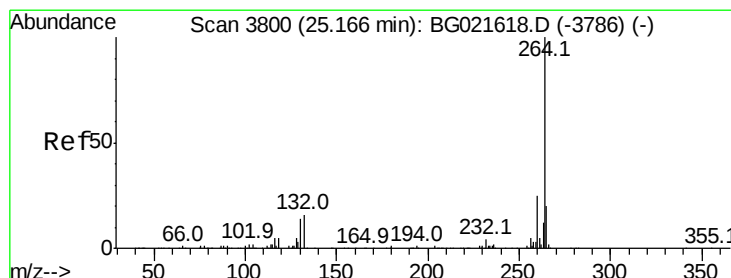
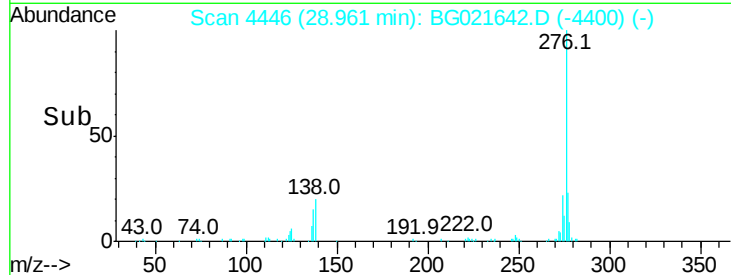
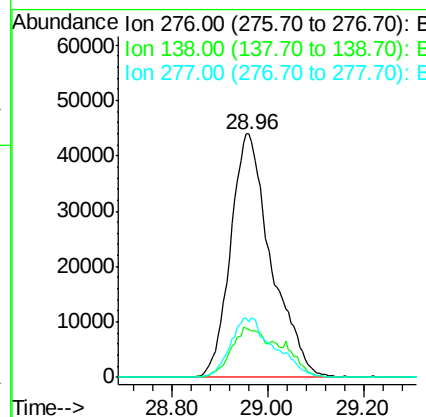
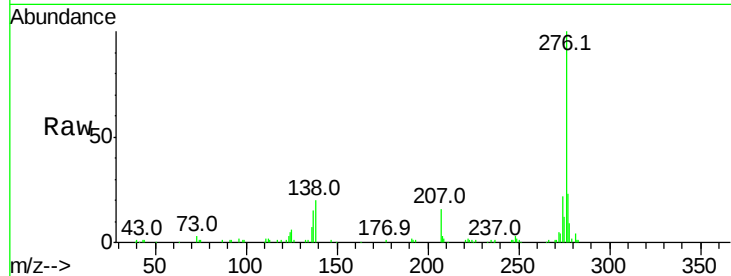




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 17.19 ng  
 RT: 28.96 min Scan# 4446  
 Delta R.T. -0.03 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

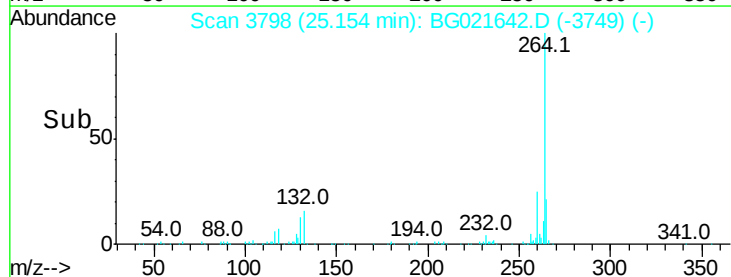
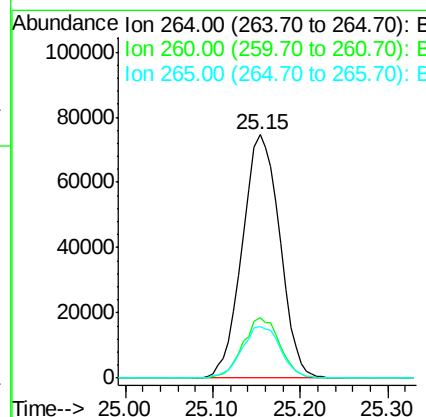
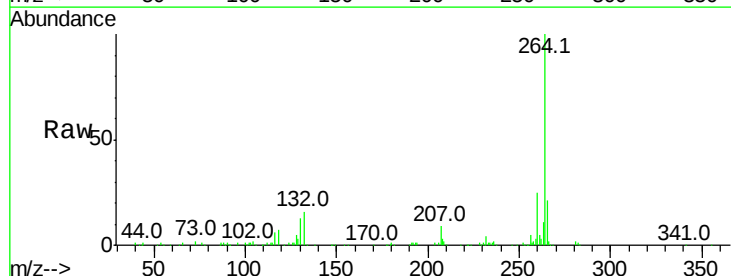
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

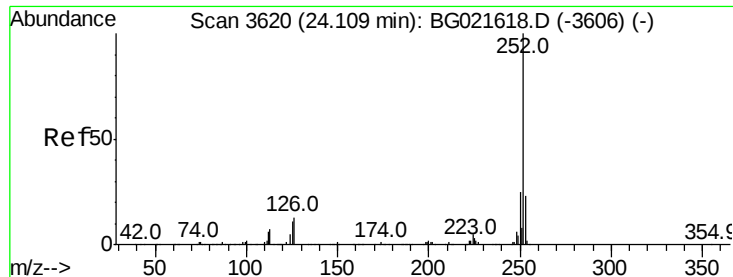
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 16.7  | 14.0  | 21.0  |
| 277     | 26.2  | 20.6  | 30.8  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.15 min Scan# 3798  
 Delta R.T. -0.01 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.9  | 20.2  | 30.4  |
| 265     | 21.0  | 17.8  | 26.8  |

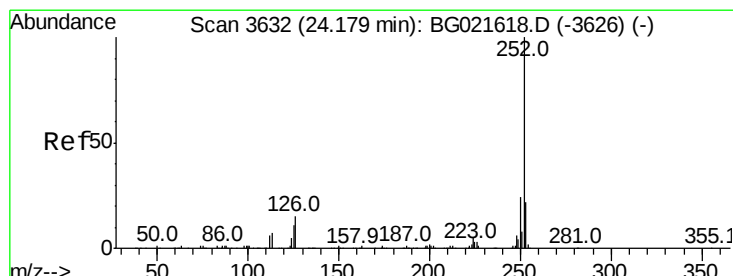
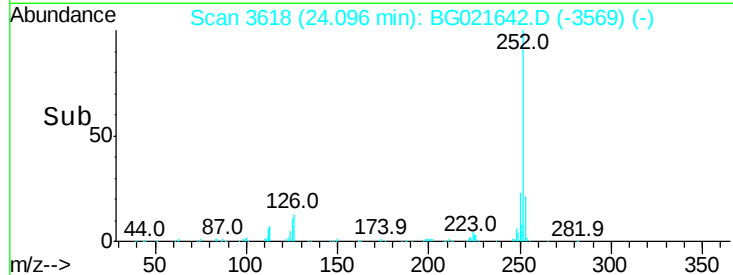
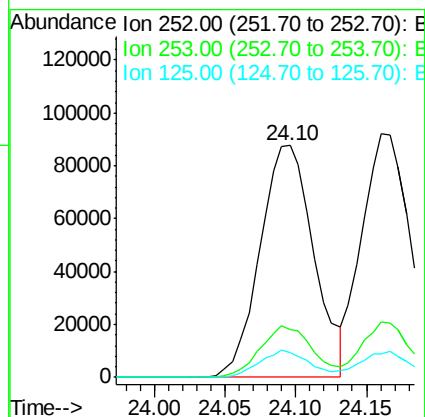
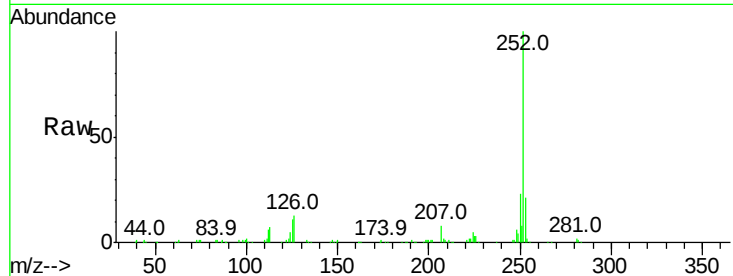




#87  
Benzo(b)fluoranthene  
Concen: 18.46 ng  
RT: 24.10 min Scan# 3618  
Delta R.T. -0.01 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

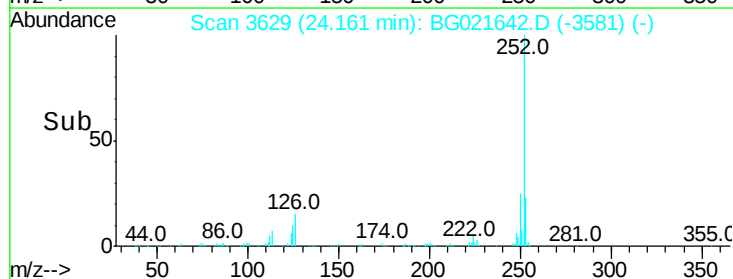
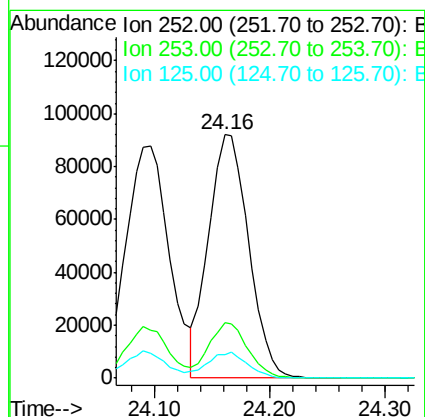
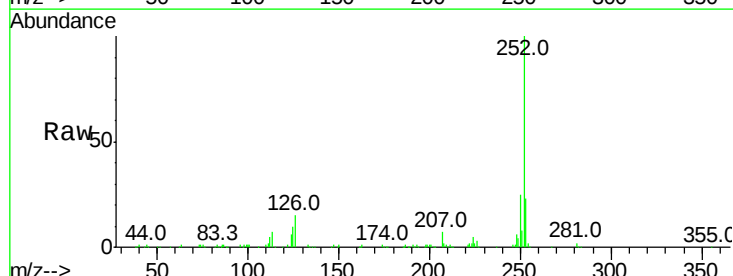
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

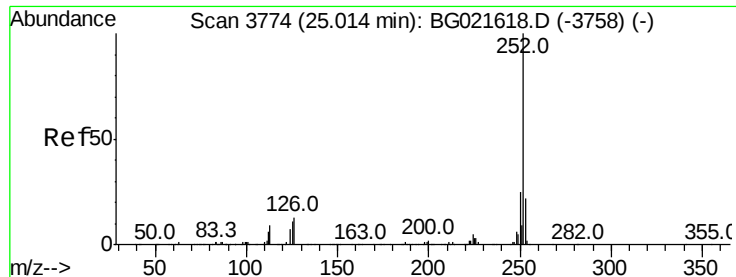
Tot Ion:252 Resp: 233199  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.5 26.3  
125 10.7 8.6 13.0



#88  
Benzo(k)fluoranthene  
Concen: 17.90 ng  
RT: 24.16 min Scan# 3629  
Delta R.T. -0.02 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

Tgt Ion:252 Resp: 221176  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.8  
125 9.6 8.3 12.5

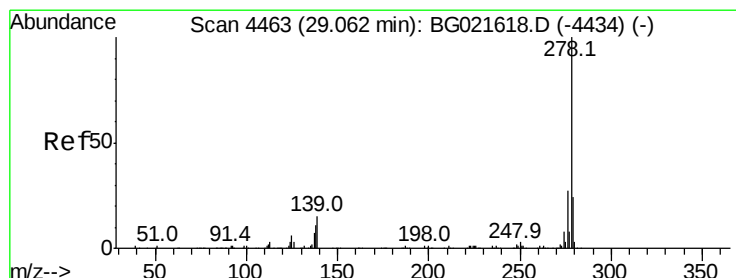
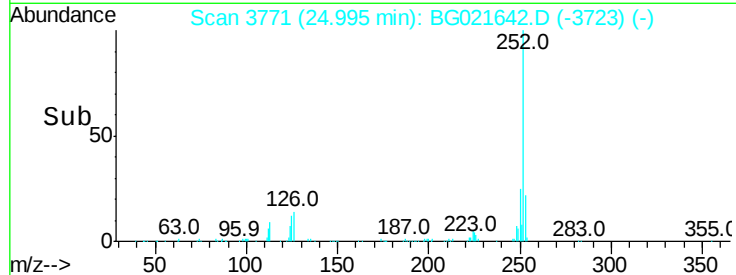
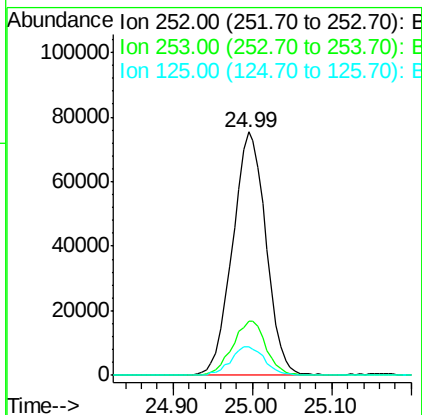
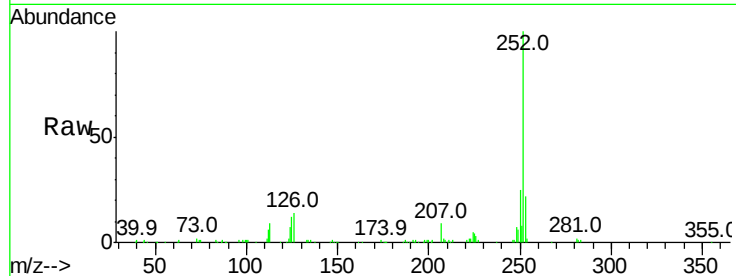




#89  
Benzo(a)pyrene  
Concen: 17.96 ng  
RT: 24.99 min Scan# 3771  
Delta R.T. -0.02 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

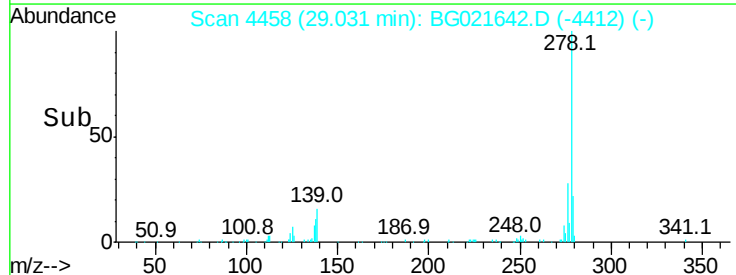
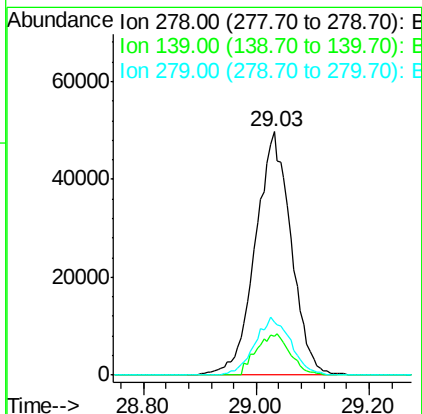
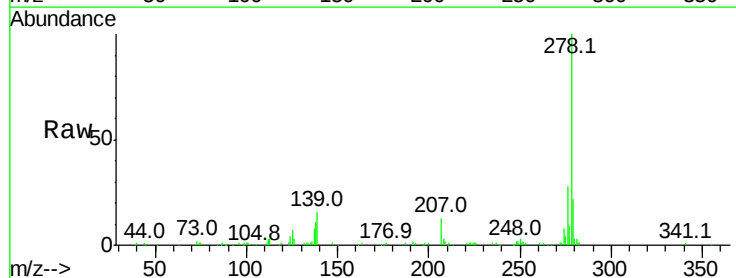
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

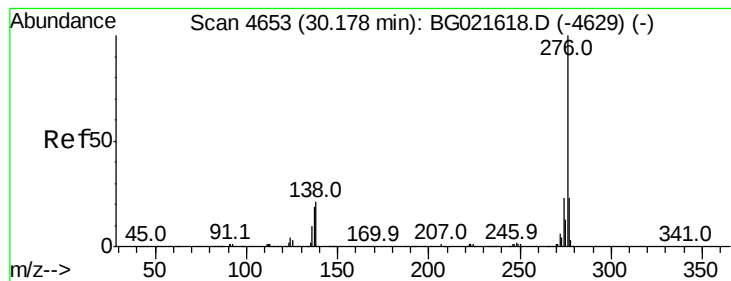
Tot Ion:252 Resp: 219829  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.1 25.7  
125 11.5 9.6 14.4



#90  
Dibenzo(a,h)anthracene  
Concen: 17.74 ng  
RT: 29.03 min Scan# 4458  
Delta R.T. -0.03 min  
Lab File: BG021642.D  
Acq: 14 Apr 2016 6:16

Tgt Ion:278 Resp: 217681  
Ion Ratio Lower Upper  
278 100  
139 16.0 11.9 17.9  
279 21.8 18.2 27.2

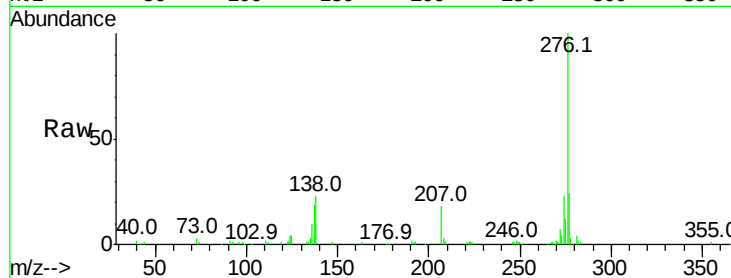




#91  
 Benzo(a,h,i)perylene  
 Concen: 17.92 ng  
 RT: 30.15 min Scan# 4649  
 Delta R.T. -0.02 min  
 Lab File: BG021642.D  
 Acq: 14 Apr 2016 6:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 19.4  | 29.2  |
| 138     | 22.9  | 17.4  | 26.0  |



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

