

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\  
 Data File : BG020866.D  
 Acq On : 11 Feb 2016 21:25  
 Operator : SJ/UM  
 Sample : G4825-04  
 Misc : L00 20PPM  
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 11 22:46:08 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 11 15:26:53 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.27  | 152  | 20538    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.09 | 136  | 102977   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.88 | 164  | 65548    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.62 | 188  | 136397   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.90 | 240  | 128388   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.28 | 264  | 120789   | 20.00 | ng    | -0.01    |

|                             |       |     |        |        |    |      |
|-----------------------------|-------|-----|--------|--------|----|------|
| System Monitoring Compounds |       |     |        |        |    |      |
| 5) 2-Fluorophenol           | 5.80  | 112 | 150523 | 123.42 | ng | 0.00 |
| 7) Phenol-d6                | 7.41  | 99  | 212140 | 119.01 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.44  | 82  | 115548 | 73.78  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 16.36 | 330 | 77128  | 119.65 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 13.51 | 172 | 324759 | 69.60  | ng | 0.00 |
| 78) Terphenyl-d14           | 20.20 | 244 | 420130 | 76.34  | ng | 0.00 |

|                                |       |     |       |       |    |        |
|--------------------------------|-------|-----|-------|-------|----|--------|
| Target Compounds               |       |     |       |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.63  | 88  | 5500  | 12.40 | ng | 91     |
| 3) Pyridine                    | 4.05  | 79  | 15745 | 12.00 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.96  | 42  | 4525  | 13.19 | ng | 90     |
| 6) Aniline                     | 7.58  | 93  | 15289 | 6.88  | ng | 98     |
| 8) 2-Chlorophenol              | 7.83  | 128 | 22842 | 14.99 | ng | 98     |
| 9) Benzaldehyde                | 7.40  | 77  | 16458 | 18.43 | ng | 94     |
| 10) Phenol                     | 7.43  | 94  | 28371 | 15.04 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.67  | 93  | 20049 | 13.31 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 8.15  | 146 | 21670 | 13.45 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.30  | 146 | 22405 | 13.72 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.62  | 146 | 21929 | 13.80 | ng | 98     |
| 15) Benzyl Alcohol             | 8.50  | 79  | 17256 | 15.36 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.80  | 45  | 20630 | 13.13 | ng | 99     |
| 17) 2-Methylphenol             | 8.70  | 107 | 20496 | 15.08 | ng | 97     |
| 18) Hexachloroethane           | 9.36  | 117 | 7764  | 13.83 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 9.07  | 70  | 15264 | 13.27 | ng | 99     |
| 20) 3+4-Methylphenols          | 9.02  | 107 | 28047 | 14.81 | ng | 99     |
| 22) Acetophenone               | 9.09  | 105 | 31206 | 12.57 | ng | 98     |
| 24) Nitrobenzene               | 9.48  | 77  | 22416 | 13.73 | ng | 99     |
| 25) Isophorone                 | 10.00 | 82  | 44401 | 13.45 | ng | 100    |
| 26) 2-Nitrophenol              | 10.19 | 139 | 11140 | 12.97 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 10.24 | 122 | 23585 | 14.33 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.48 | 93  | 29436 | 14.47 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.73 | 162 | 22455 | 15.22 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.95 | 180 | 20563 | 13.83 | ng | 95     |
| 31) Naphthalene                | 11.14 | 128 | 74644 | 14.01 | ng | 99     |
| 32) Benzoic acid               | 10.31 | 122 | 11822 | 8.95  | ng | 89     |
| 33) 4-Chloroaniline            | 11.24 | 127 | 14778 | 6.45  | ng | 93     |
| 34) Hexachlorobutadiene        | 11.43 | 225 | 10164 | 13.42 | ng | 96     |
| 35) Caprolactam                | 11.99 | 113 | 9149  | 16.18 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.34 | 107 | 25160 | 14.88 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.73 | 142 | 56591 | 15.14 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.09 | 216 | 22936 | 11.93 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 13.07 | 237 | 9072  | 10.72 | ng | 95     |

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 Sample : G4825-04  
 Misc : LOO 20PPM  
 ALS Vial : 16 Sample Multiplier: 1

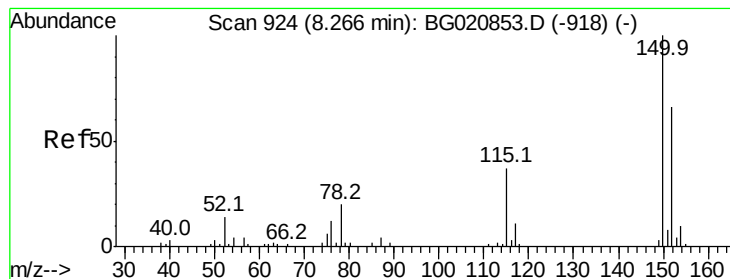
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

Quant Time: Feb 11 22:46:08 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.32 | 196  | 18048    | 13.97 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.39 | 196  | 19798    | 14.58 | nq    | 98       |
| 45) 1,1'-Biphenyl              | 13.72 | 154  | 70383    | 12.17 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.76 | 162  | 54859    | 13.25 | nq    | 98       |
| 47) 2-Nitroaniline             | 13.96 | 65   | 13918    | 14.04 | nq    | 95       |
| 48) Acenaphthylene             | 14.60 | 152  | 97401    | 13.53 | nq    | 99       |
| 49) Dimethylphthalate          | 14.32 | 163  | 70768    | 13.81 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.45 | 165  | 15222    | 13.86 | nq    | 98       |
| 51) Acenaphthene               | 14.95 | 154  | 58817    | 13.48 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.78 | 138  | 13428    | 10.52 | nq    | 96       |
| 53) 2,4-Dinitrophenol          | 14.97 | 184  | 3515     | 15.17 | nq    | 95       |
| 54) Dibenzofuran               | 15.27 | 168  | 90401    | 15.66 | nq    | 99       |
| 55) 4-Nitrophenol              | 15.06 | 139  | 13483    | 13.99 | nq    | 97       |
| 56) 2,4-Dinitrotoluene         | 15.23 | 165  | 20603    | 14.51 | nq    | 96       |
| 57) Fluorene                   | 15.92 | 166  | 76151    | 14.32 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.49 | 232  | 16358    | 15.81 | nq    | 99       |
| 59) Diethylphthalate           | 15.67 | 149  | 76079    | 14.44 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.91 | 204  | 32171    | 13.62 | nq    | 98       |
| 61) 4-Nitroaniline             | 15.93 | 138  | 18326    | 14.30 | nq    | 99       |
| 62) Azobenzene                 | 16.20 | 77   | 64773    | 15.63 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.99 | 198  | 6898     | 14.32 | nq    | 94       |
| 65) n-Nitrosodiphenylamine     | 16.12 | 169  | 63459    | 14.40 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.80 | 248  | 19941    | 13.84 | nq    | 99       |
| 67) Hexachlorobenzene          | 16.92 | 284  | 21765    | 14.20 | nq    | 99       |
| 68) Atrazine                   | 17.05 | 200  | 20502    | 15.33 | nq    | 99       |
| 69) Pentachlorophenol          | 17.26 | 266  | 10357    | 11.79 | nq    | 95       |
| 70) Phenanthrene               | 17.66 | 178  | 113297   | 14.59 | nq    | 98       |
| 71) Anthracene                 | 17.75 | 178  | 111182   | 14.11 | nq    | 99       |
| 72) Carbazole                  | 18.01 | 167  | 103194   | 14.59 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.55 | 149  | 125428   | 13.83 | nq    | 100      |
| 74) Fluoranthene               | 19.65 | 202  | 118869   | 14.17 | nq    | 98       |
| 76) Benzidine                  | 19.82 | 184  | 16170    | 3.89  | nq    | 99       |
| 77) Pyrene                     | 20.01 | 202  | 122647   | 14.48 | nq    | 98       |
| 79) Butylbenzylphthalate       | 20.88 | 149  | 55207    | 13.62 | nq    | 99       |
| 80) Benzo(a)anthracene         | 21.88 | 228  | 111039   | 14.49 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.78 | 252  | 16791    | 5.90  | nq    | 99       |
| 82) Chrysene                   | 21.95 | 228  | 99752    | 13.84 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.77 | 149  | 81236    | 13.51 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 23.03 | 149  | 140098   | 14.20 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 29.14 | 276  | 116969   | 14.11 | nq    | # 88     |
| 87) Benzo(b)fluoranthene       | 24.20 | 252  | 105633   | 14.29 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 24.27 | 252  | 103025   | 14.22 | nq    | 98       |
| 89) Benzo(a)pyrene             | 25.11 | 252  | 100978   | 14.34 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 29.22 | 278  | 95601    | 13.96 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 30.36 | 276  | 93592    | 13.77 | nq    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

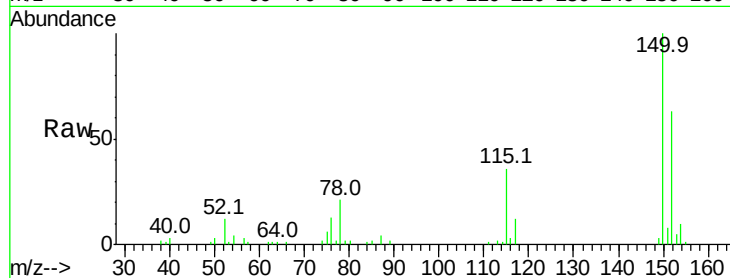
Tot Ion:152 Resp: 20538

Ion Ratio Lower Upper

152 100

150 159.4 122.0 183.0

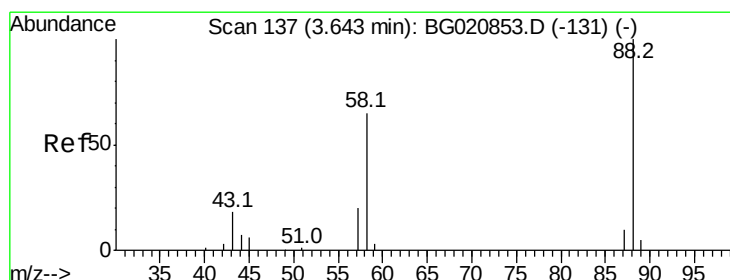
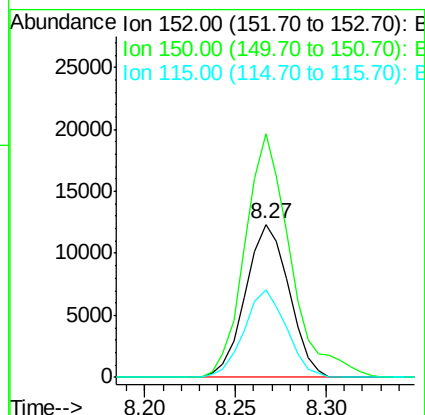
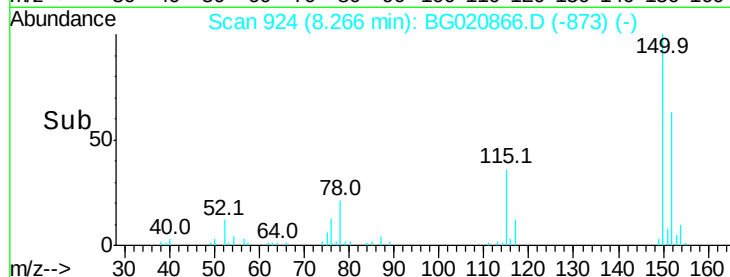
115 57.6 45.2 67.8



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: 12.40 ng

RT: 3.63 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

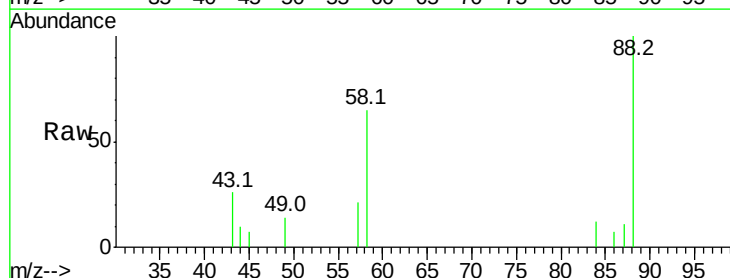
Tgt Ion: 88 Resp: 5500

Ion Ratio Lower Upper

88 100

58 70.7 50.3 75.5

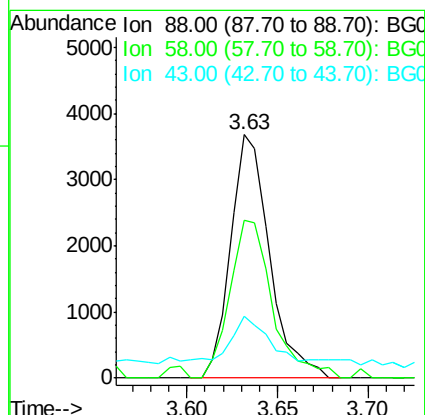
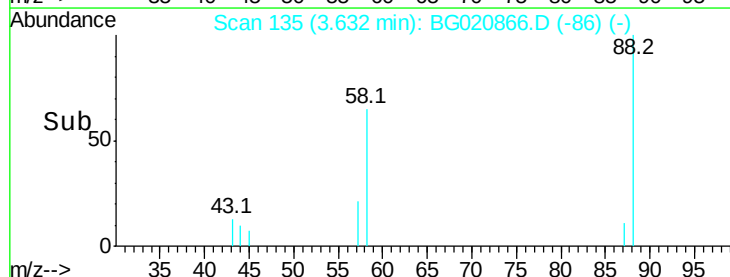
43 16.0 14.5 21.7

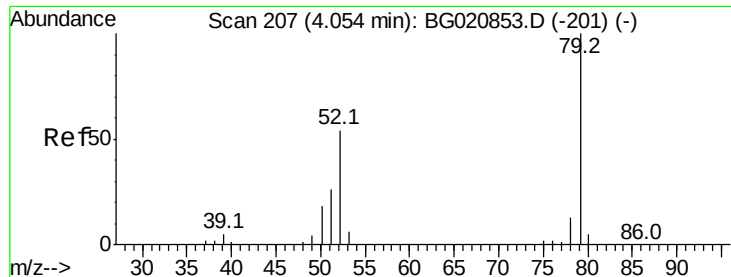


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 12.00 ng

RT: 4.05 min Scan# 206

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

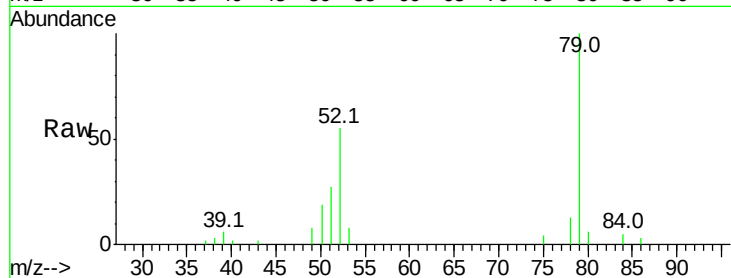
Tot Ion: 79 Resp: 15745

Ion Ratio Lower Upper

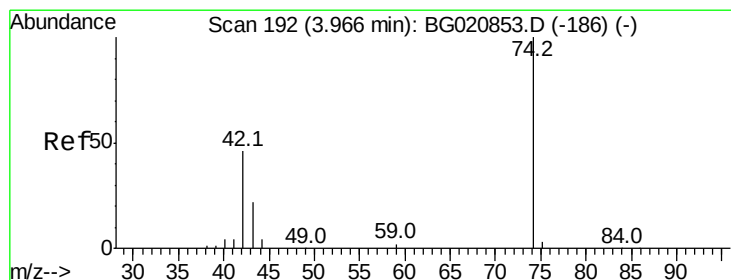
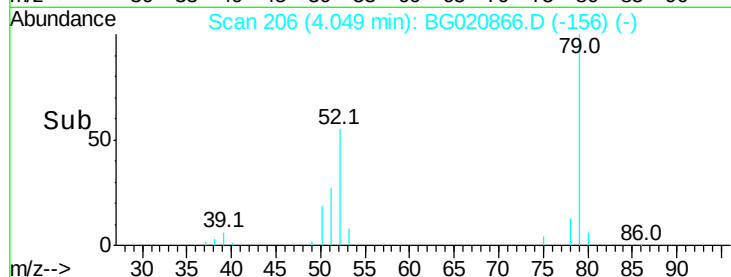
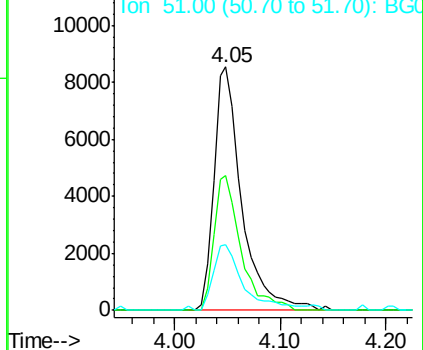
79 100

52 55.3 43.1 64.7

51 26.9 20.7 31.1



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



#4

n-Nitrosodimethylamine

Concen: 13.19 ng

RT: 3.96 min Scan# 191

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

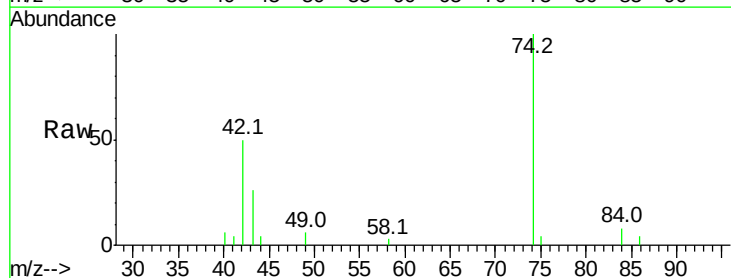
Tgt Ion: 42 Resp: 4525

Ion Ratio Lower Upper

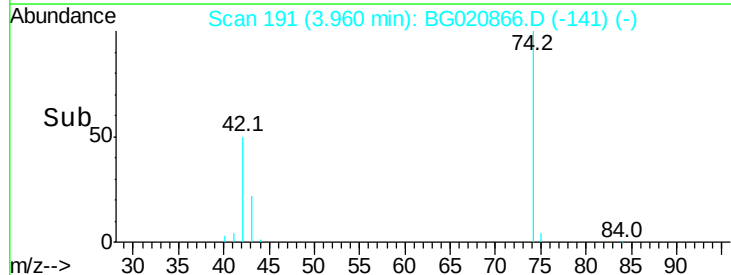
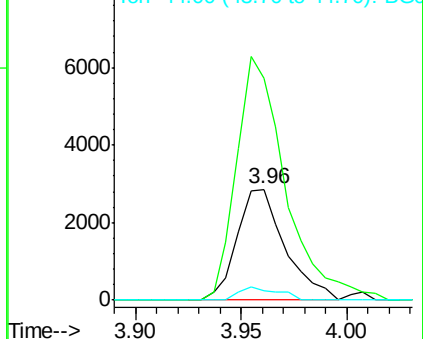
42 100

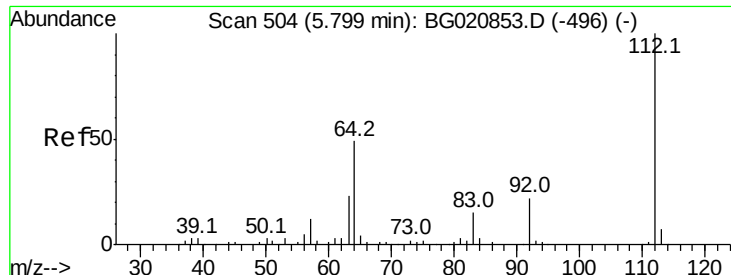
74 200.6 173.8 260.6

44 8.7 6.3 9.5



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





#5

2-Fluorophenol

Concen: 123.42 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

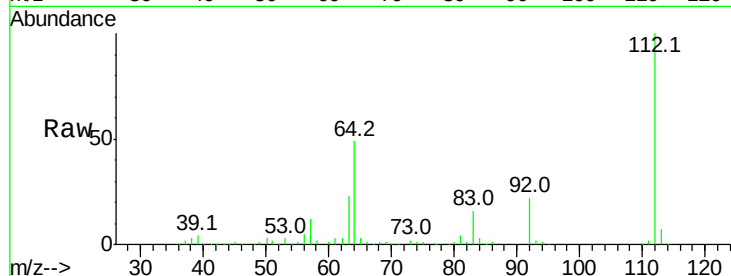
Tot Ion:112 Resp: 150523

Ion Ratio Lower Upper

112 100

64 49.0 39.3 58.9

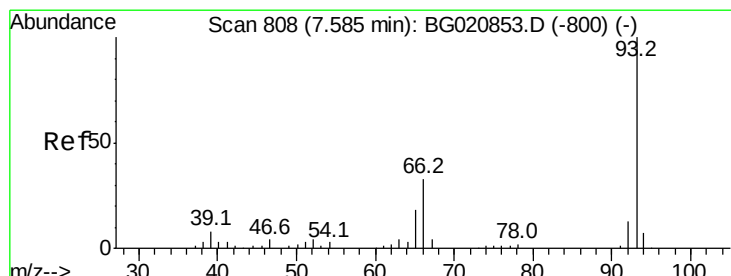
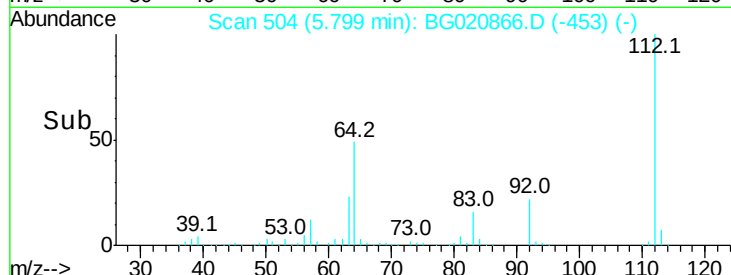
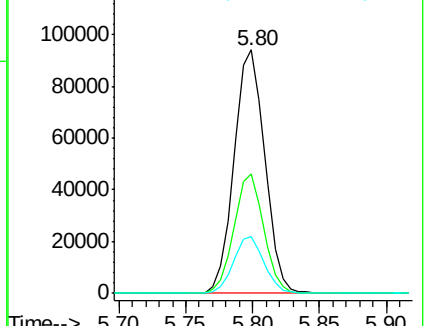
63 23.2 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.88 ng

RT: 7.58 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

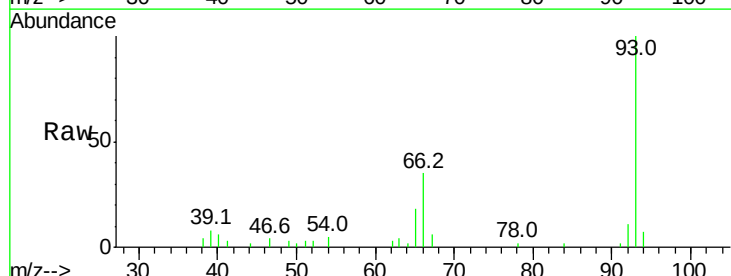
Tgt Ion: 93 Resp: 15289

Ion Ratio Lower Upper

93 100

66 34.8 26.6 40.0

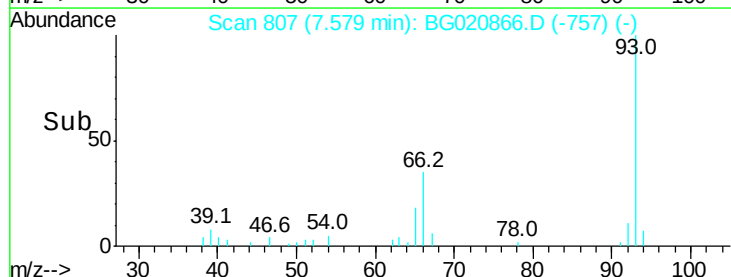
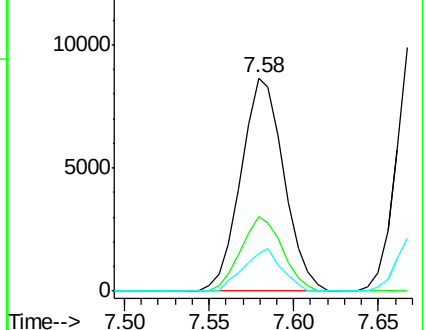
65 17.9 14.0 21.0

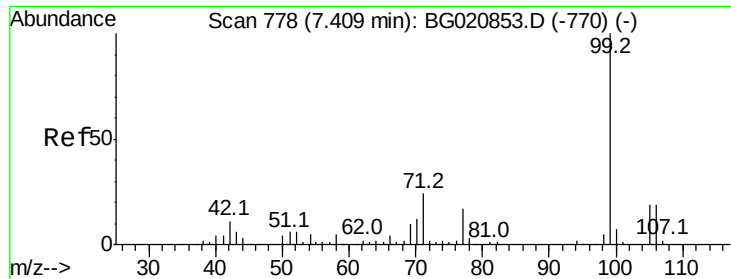


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.01 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

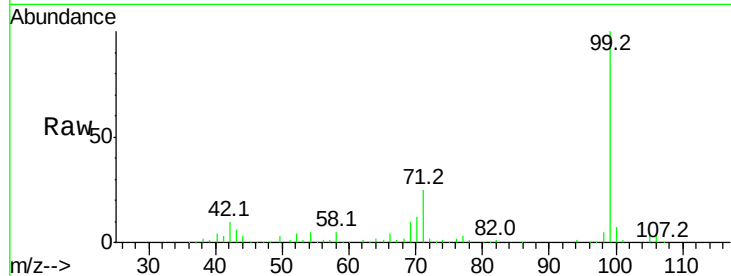
Tot Ion: 99 Resp: 212140

Ion Ratio Lower Upper

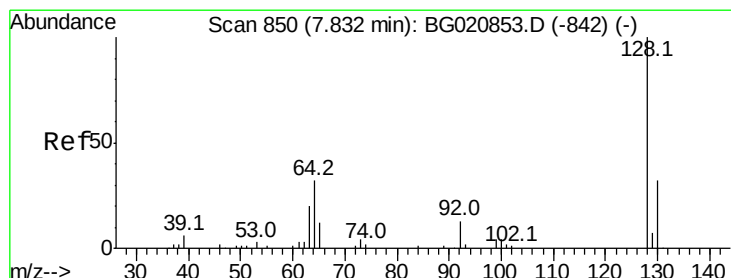
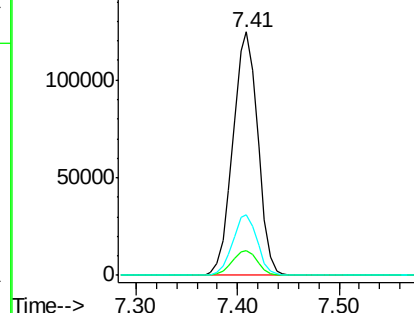
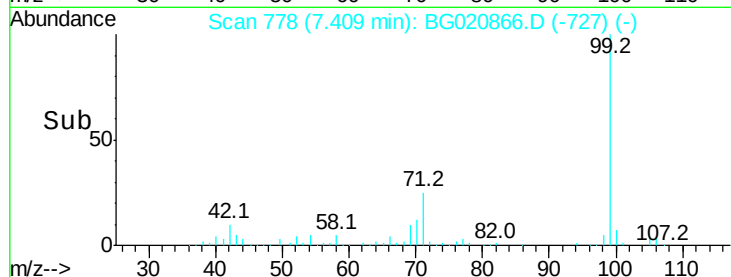
99 100

42 10.0 8.4 12.6

71 25.1 19.4 29.0



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 14.99 ng

RT: 7.83 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

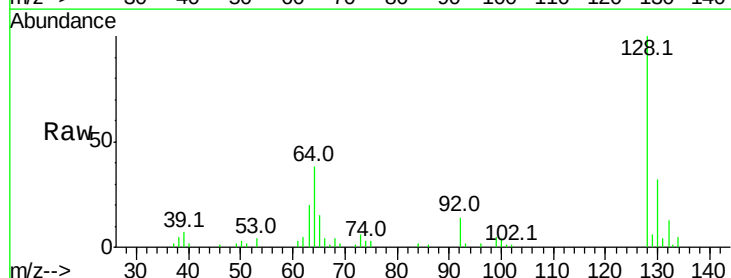
Tgt Ion: 128 Resp: 22842

Ion Ratio Lower Upper

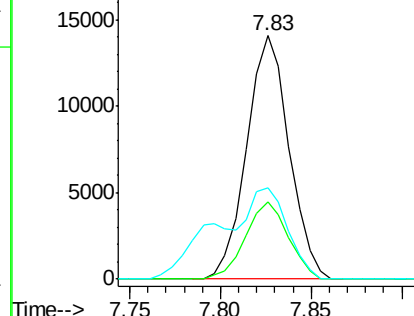
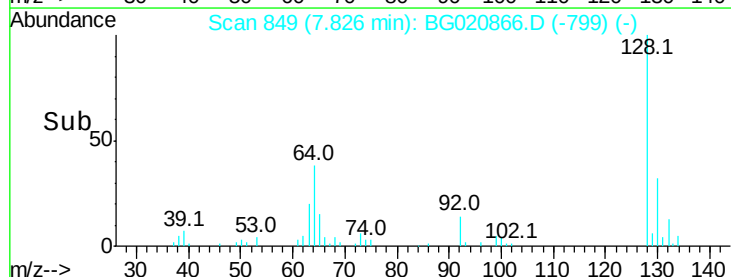
128 100

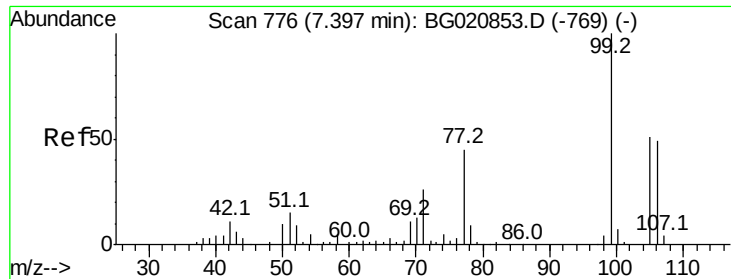
130 31.9 12.3 52.3

64 37.5 15.9 55.9



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: 18.43 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

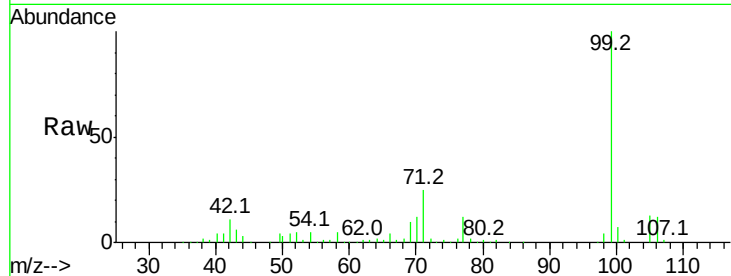
Tot Ion: 77 Resp: 16458

Ion Ratio Lower Upper

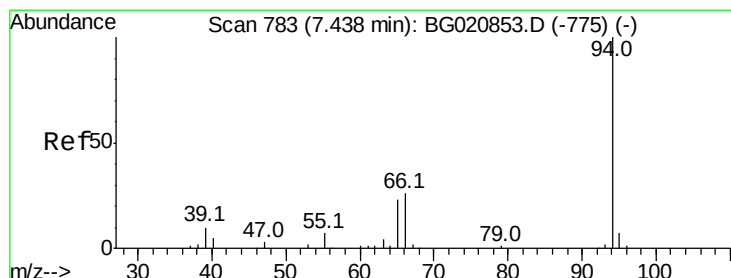
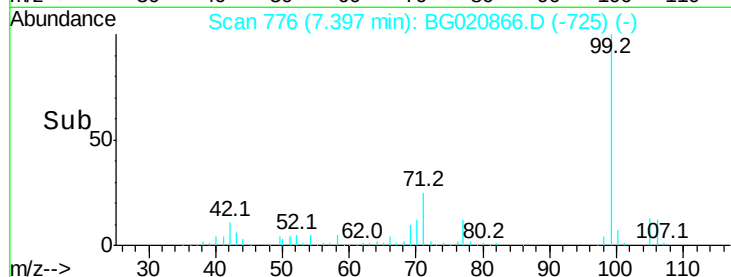
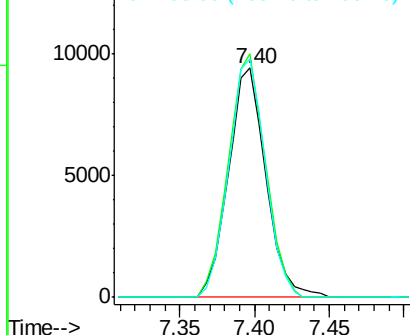
77 100

105 106.2 93.4 133.4

106 104.2 88.7 128.7



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



#10

Phenol

Concen: 15.04 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

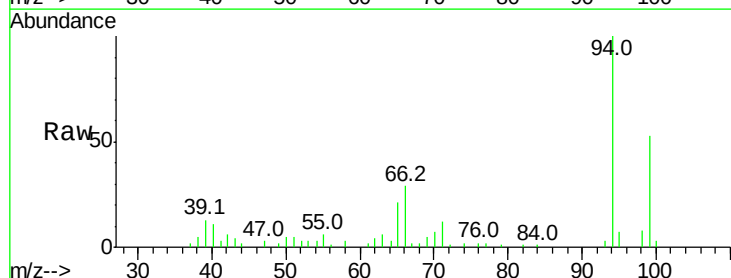
Tgt Ion: 94 Resp: 28371

Ion Ratio Lower Upper

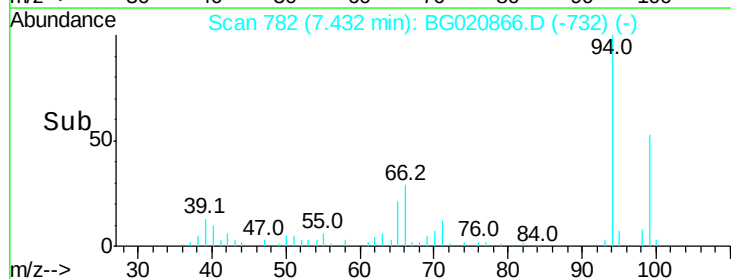
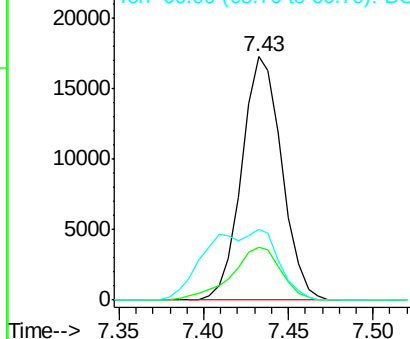
94 100

65 21.5 2.8 42.8

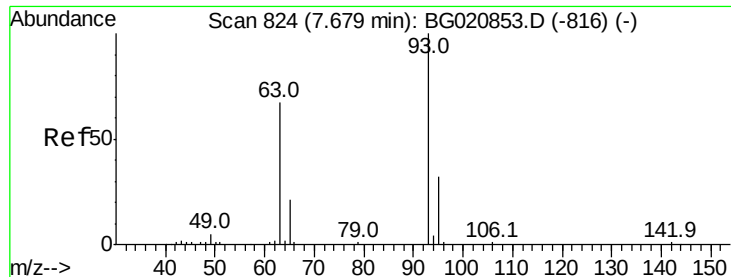
66 28.9 7.2 47.2



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



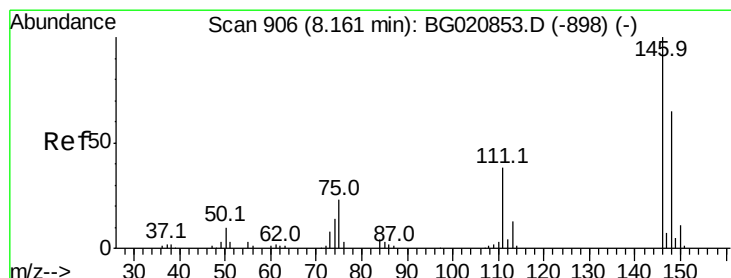
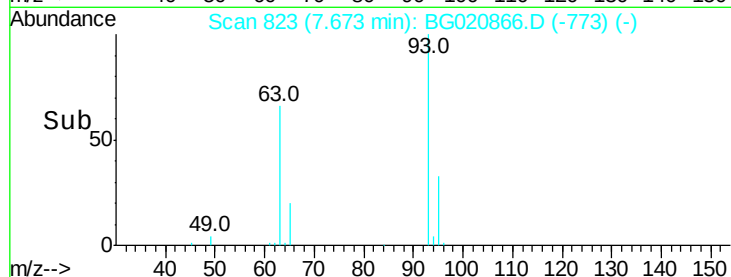
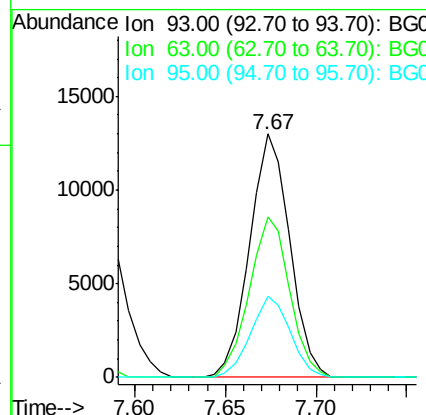
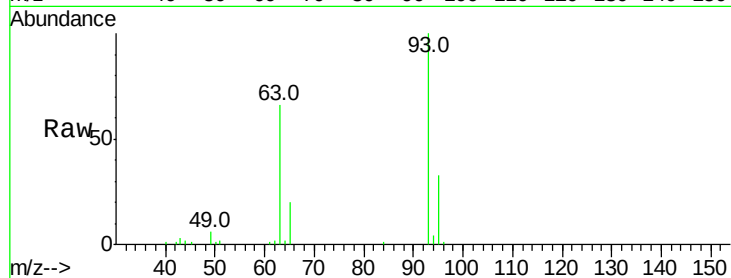




#11  
bis(2-Chloroethyl)ether  
Concen: 13.31 ng  
RT: 7.67 min Scan# 823  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

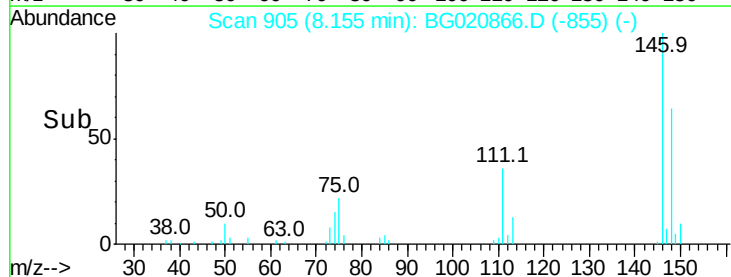
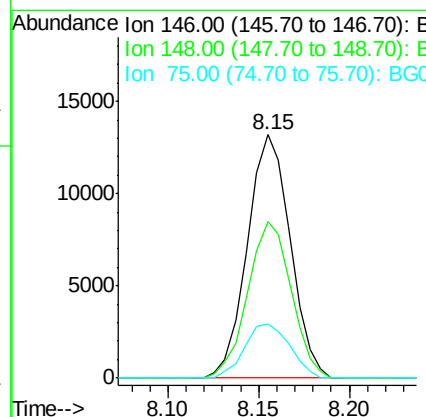
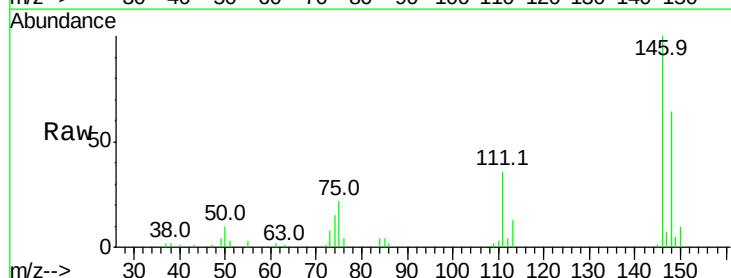
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

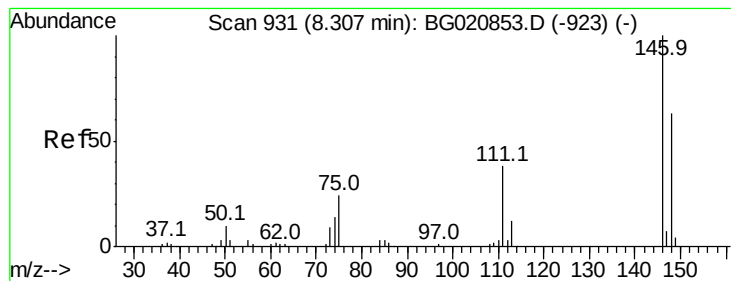
Tot Ion: 93 Resp: 20049  
Ion Ratio Lower Upper  
93 100  
63 66.0 46.4 86.4  
95 33.1 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 13.45 ng  
RT: 8.15 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

Tgt Ion: 146 Resp: 21670  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.8 77.8  
75 22.0 18.7 28.1





#13

1,4-Dichlorobenzene

Concen: 13.72 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

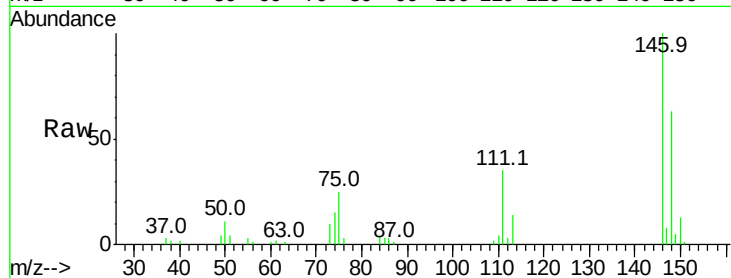
Tot Ion:146 Resp: 22405

Ion Ratio Lower Upper

146 100

148 62.8 50.8 76.2

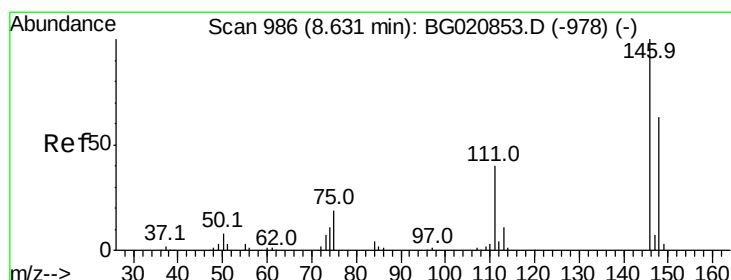
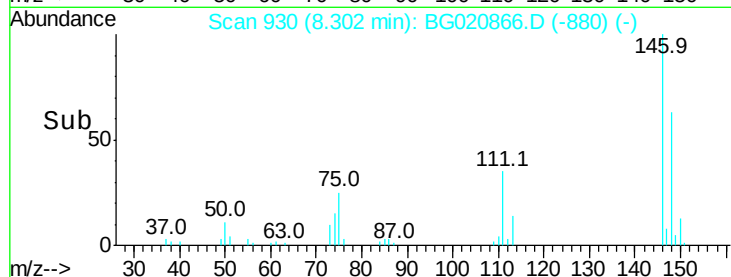
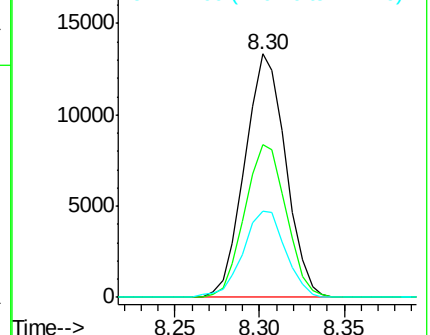
111 35.4 30.1 45.1



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



#14

1,2-Dichlorobenzene

Concen: 13.80 ng

RT: 8.62 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

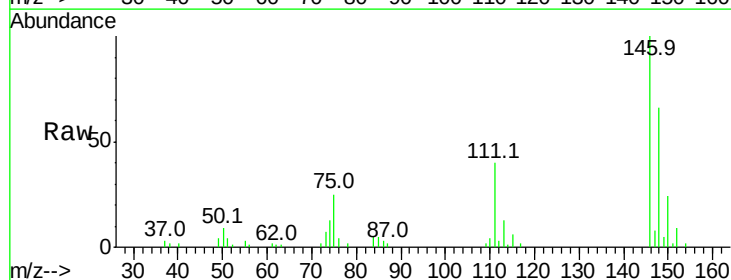
Tgt Ion:146 Resp: 21929

Ion Ratio Lower Upper

146 100

148 65.8 50.6 76.0

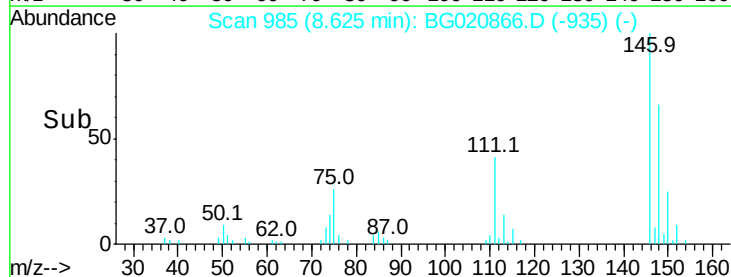
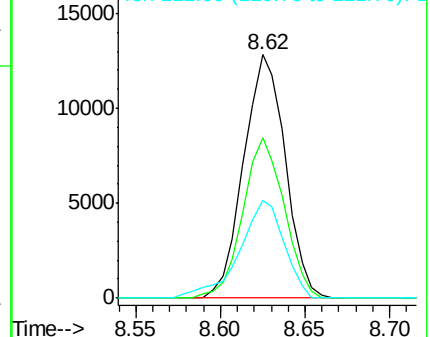
111 40.1 32.6 48.8

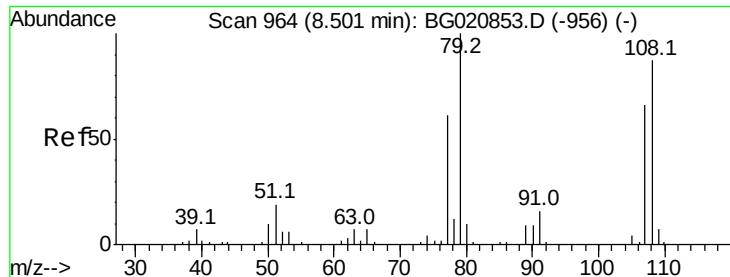


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

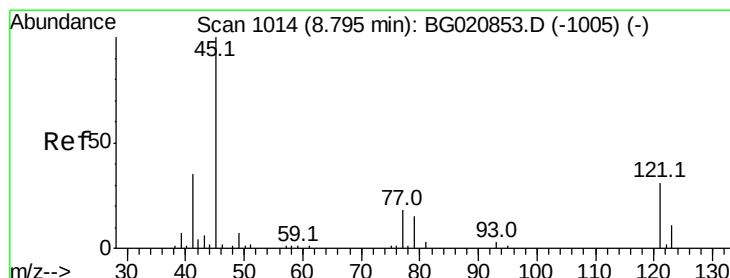
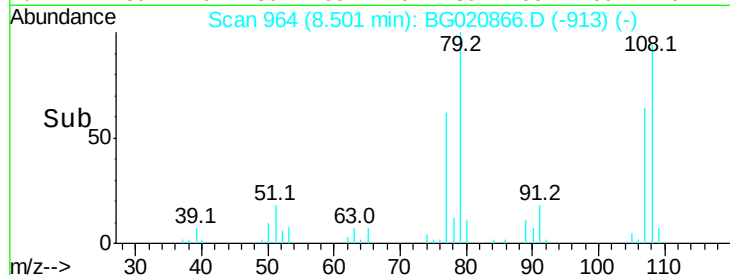
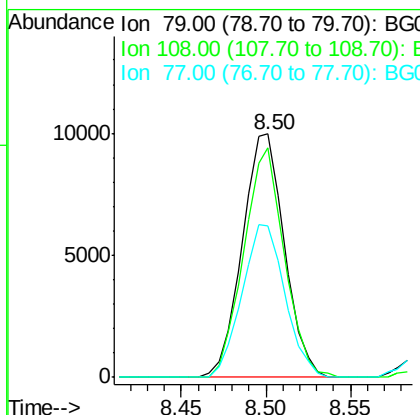
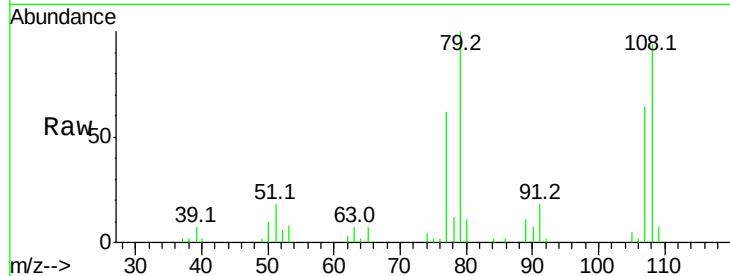




#15  
Benzyl Alcohol  
Concen: 15.36 ng  
RT: 8.50 min Scan# 964  
Delta R.T. 0.00 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

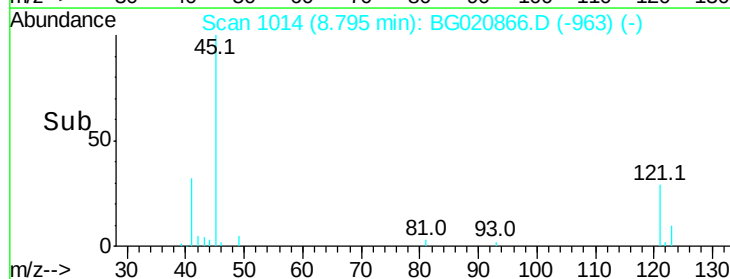
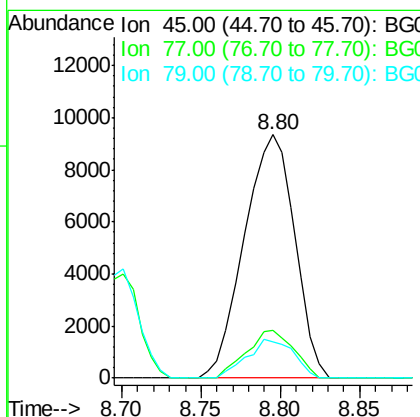
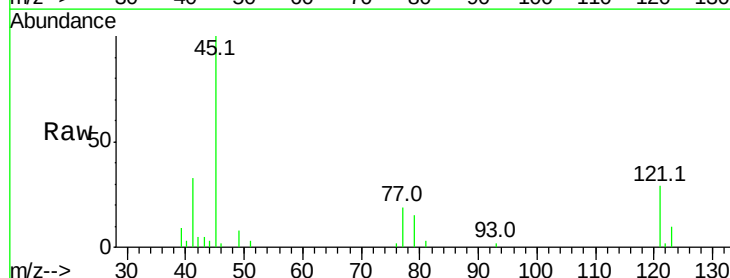
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

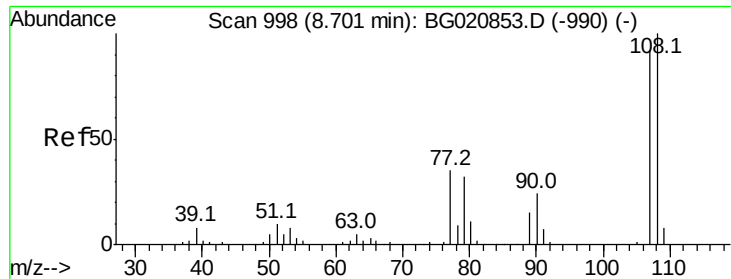
Tot Ion: 79 Resp: 17256  
Ion Ratio Lower Upper  
79 100  
108 94.2 69.4 104.2  
77 62.1 48.6 73.0



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 13.13 ng  
RT: 8.80 min Scan# 1014  
Delta R.T. 0.00 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

Tgt Ion: 45 Resp: 20630  
Ion Ratio Lower Upper  
45 100  
77 19.4 0.0 38.5  
79 14.8 0.0 34.9

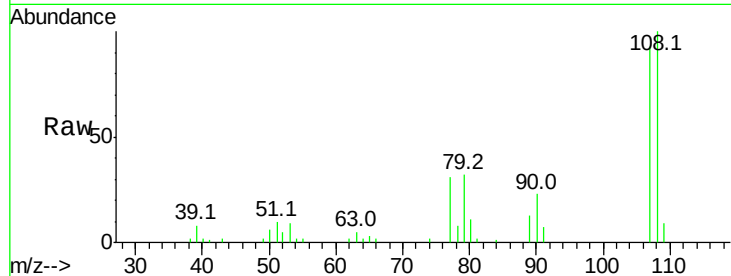




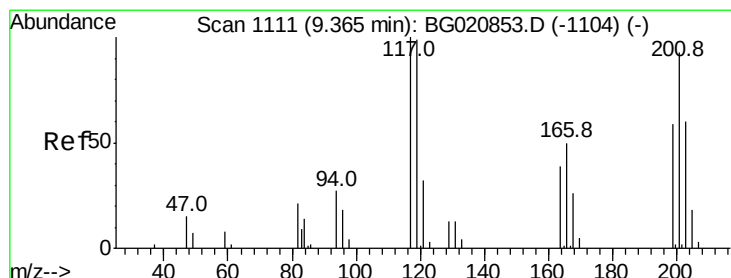
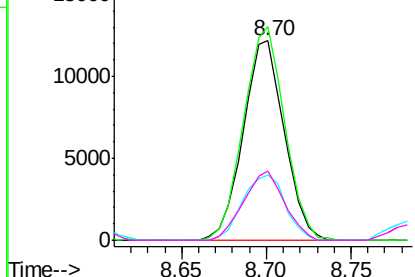
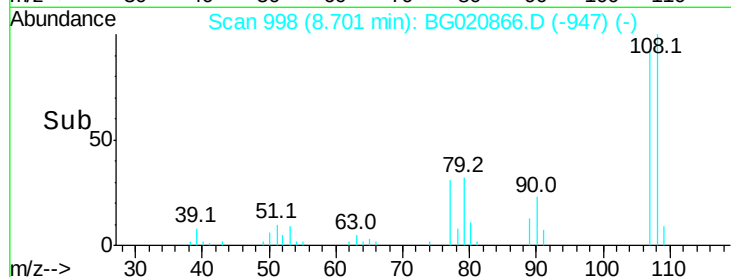
#17  
2-Methylphenol  
Concen: 15.08 ng  
RT: 8.70 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

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

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 20496 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 107.2 | 87.0  | 130.4 |
| 77       | 32.9  | 30.1  | 45.1  |
| 79       | 34.5  | 27.4  | 41.2  |

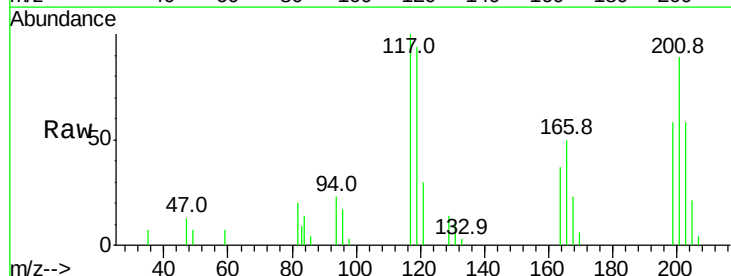


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

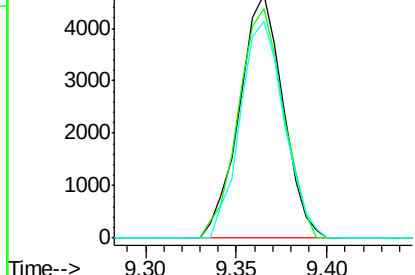
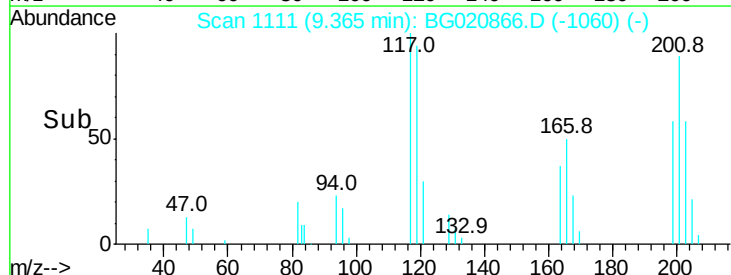


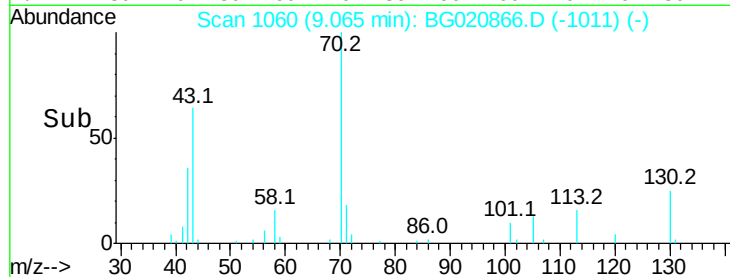
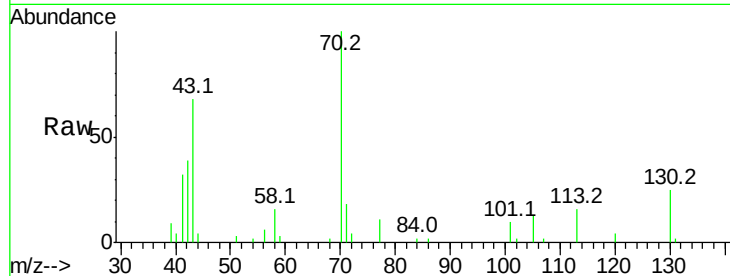
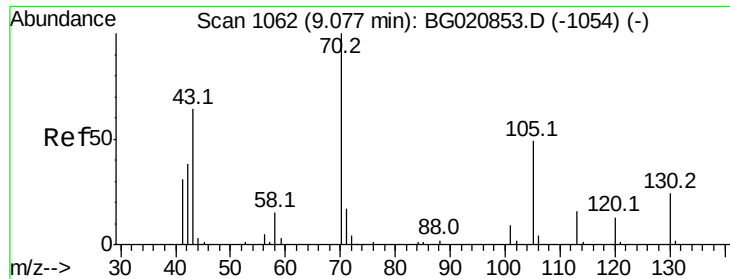
#18  
Hexachloroethane  
Concen: 13.83 ng  
RT: 9.36 min Scan# 1111  
Delta R.T. 0.00 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 7764  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.3  | 79.6  | 119.4 |
| 201      | 88.9  | 74.5  | 111.7 |



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

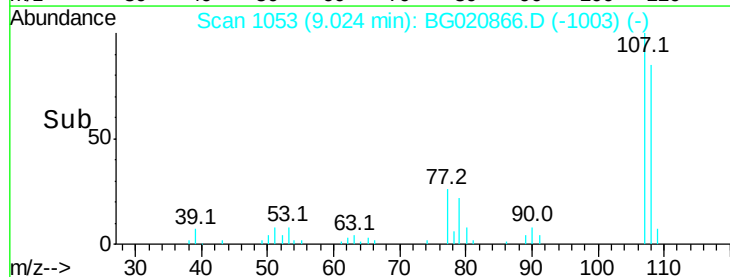
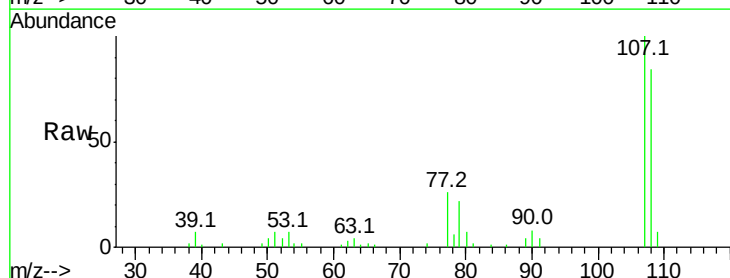
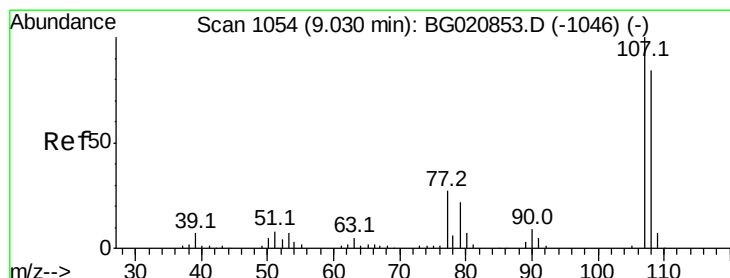
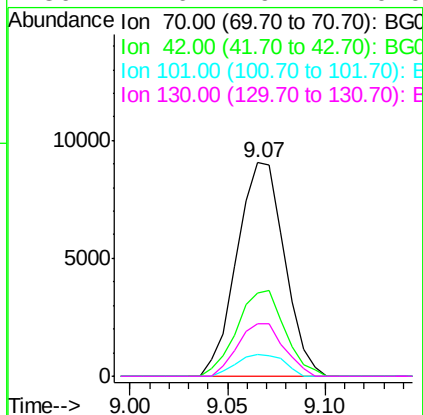




#19  
n-Nitroso-di-n-propylamine  
Concen: 13.27 ng  
RT: 9.07 min Scan# 1060  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

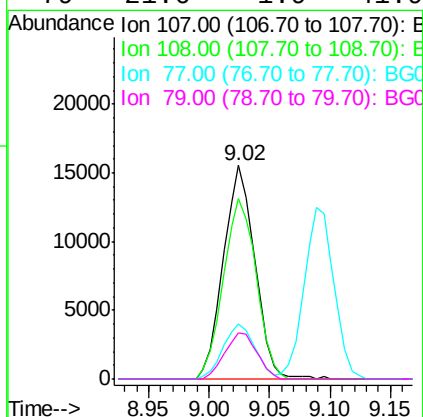
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

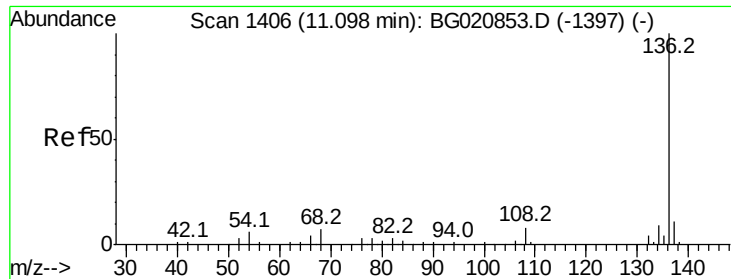
Tot Ion: 70 Resp: 15264  
Ion Ratio Lower Upper  
70 100  
42 39.1 30.9 46.3  
101 10.4 7.3 10.9  
130 24.6 19.4 29.0



#20  
3+4-Methylphenols  
Concen: 14.81 ng  
RT: 9.02 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

Tgt Ion: 107 Resp: 28047  
Ion Ratio Lower Upper  
107 100  
108 84.3 64.4 104.4  
77 25.5 7.1 47.1  
79 21.6 1.9 41.9

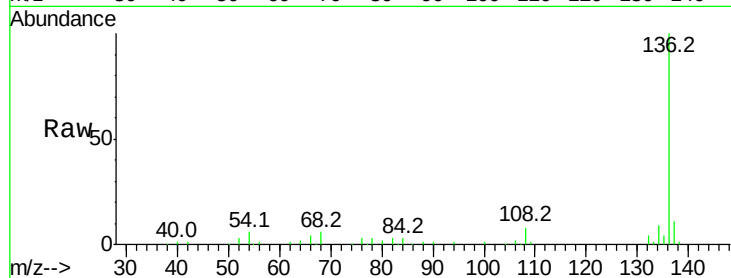




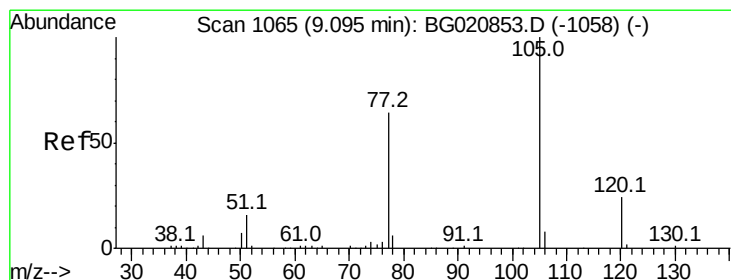
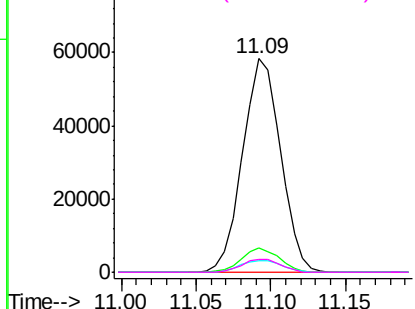
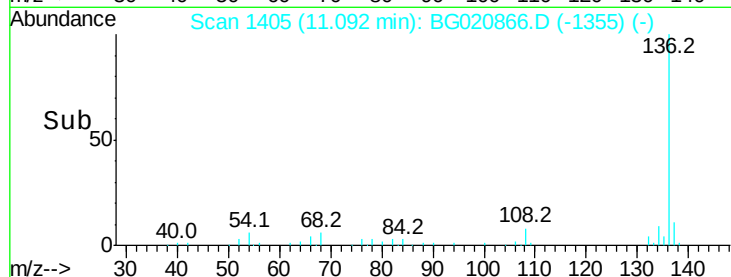
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.09 min Scan# 1405  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

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

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 102977 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.2    | 8.8   | 13.2   |
| 54 5.7      | 5.0   | 7.4    |
| 68 5.8      | 5.2   | 7.8    |

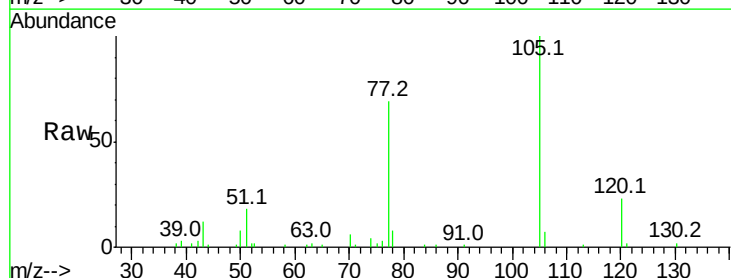


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BG  
Ion 68.00 (67.70 to 68.70): BG

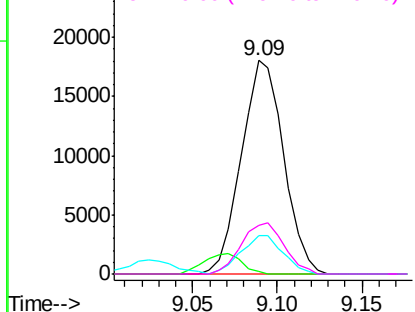
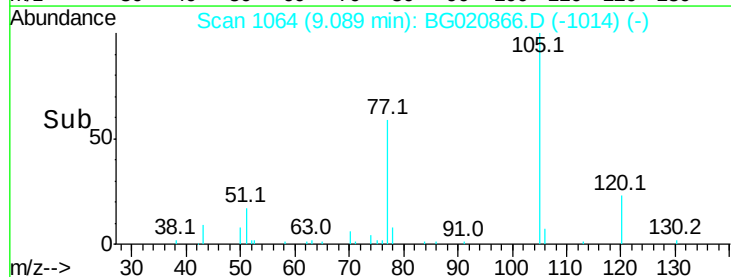


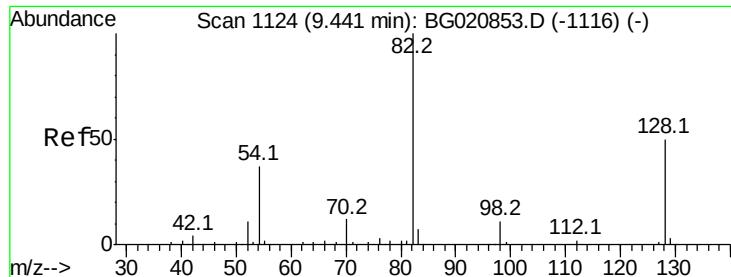
#22  
Acetophenone  
Concen: 12.57 ng  
RT: 9.09 min Scan# 1064  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

|         |         |       |       |
|---------|---------|-------|-------|
| Tgt Ion | Ion:105 | Resp: | 31206 |
| Ion     | Ratio   | Lower | Upper |
| 105     | 100     |       |       |
| 71      | 1.4     | 1.4   | 2.0   |
| 51      | 18.2    | 13.7  | 20.5  |
| 120     | 22.7    | 19.0  | 28.6  |



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

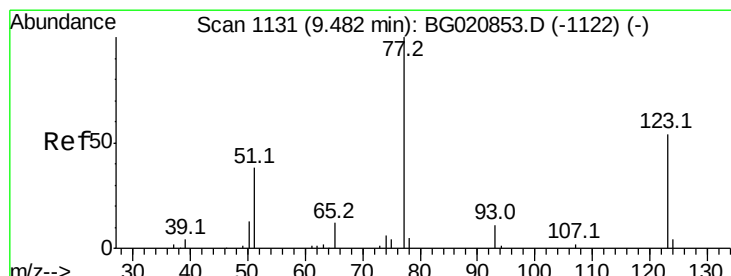
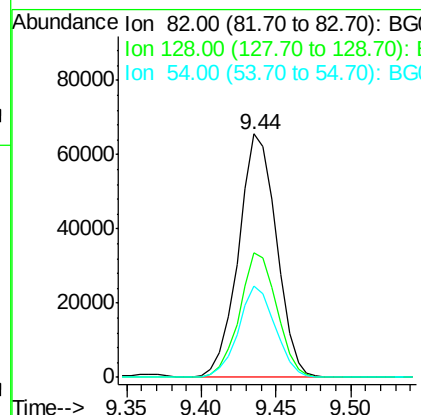
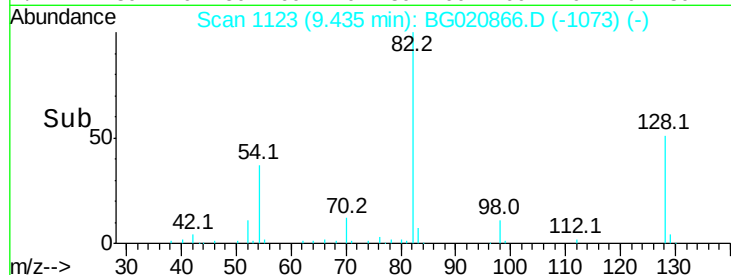
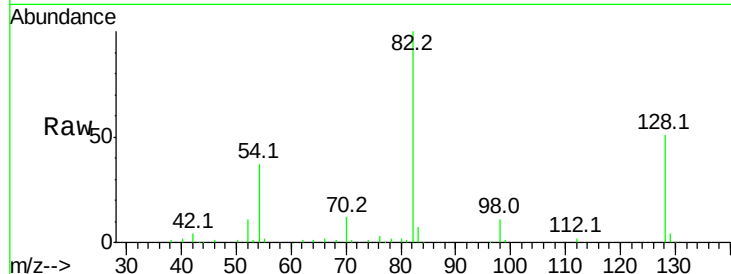




#23  
 Nitrobenzene-d5  
 Concen: 73.78 ng  
 RT: 9.44 min Scan# 1123  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

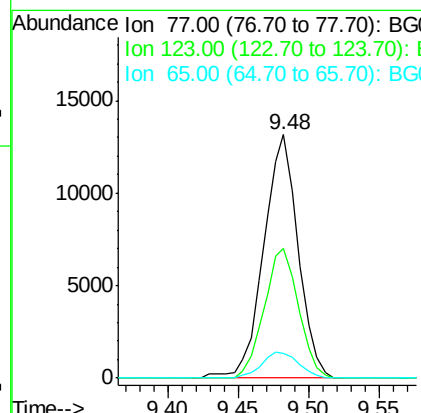
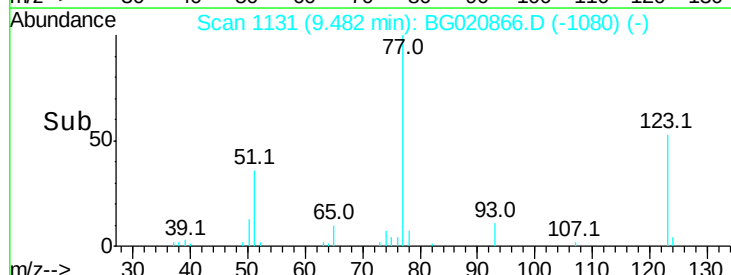
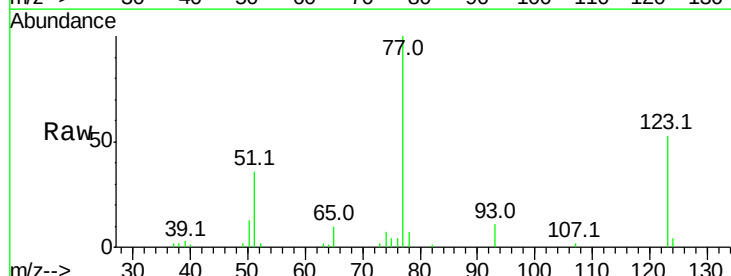
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

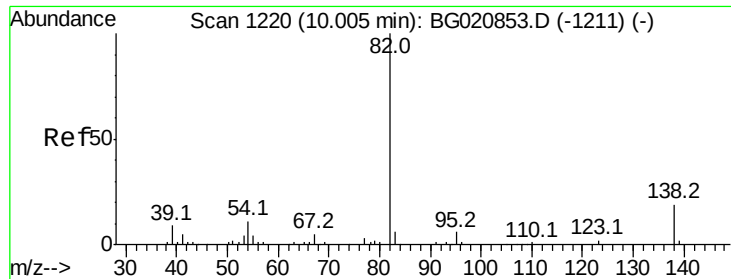
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 51.1  | 40.1  | 60.1  |
| 54      | 37.3  | 29.5  | 44.3  |



#24  
 Nitrobenzene  
 Concen: 13.73 ng  
 RT: 9.48 min Scan# 1131  
 Delta R.T. 0.00 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 53.3  | 43.2  | 64.8  |
| 65      | 10.3  | 9.2   | 13.8  |





#25

Isophorone

Concen: 13.45 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

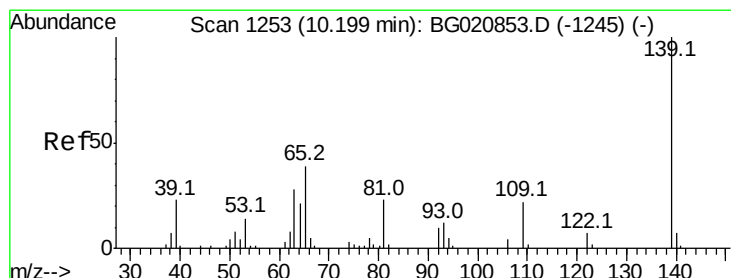
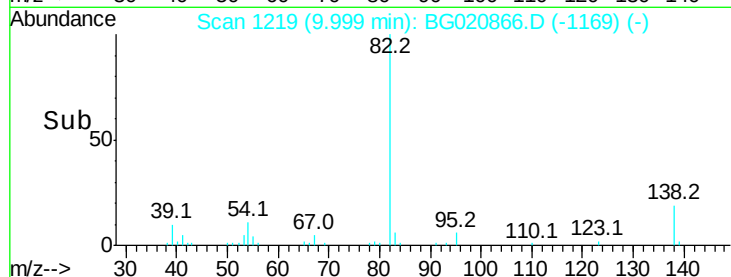
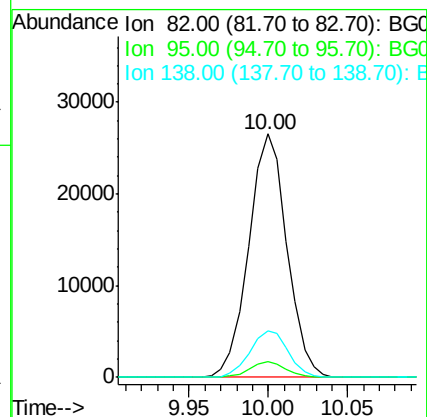
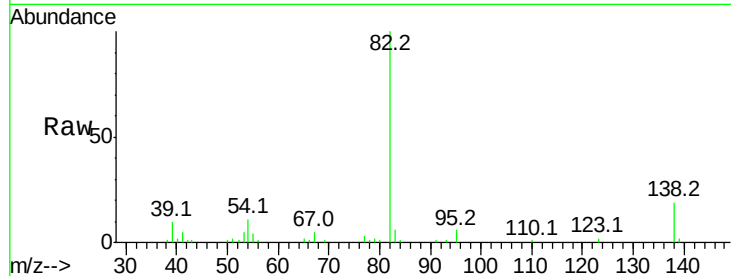
Tot Ion: 82 Resp: 44401

Ion Ratio Lower Upper

82 100

95 6.3 4.8 7.2

138 19.2 15.4 23.0



#26

2-Nitrophenol

Concen: 12.97 ng

RT: 10.19 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

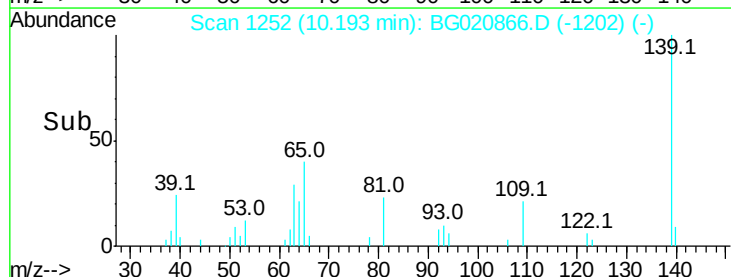
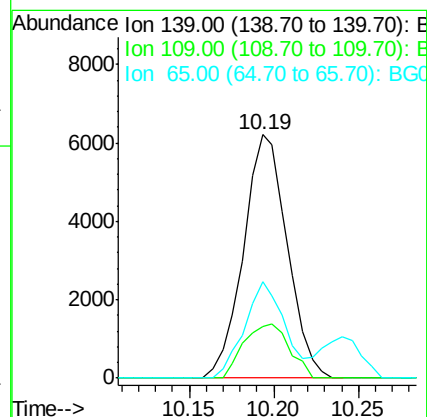
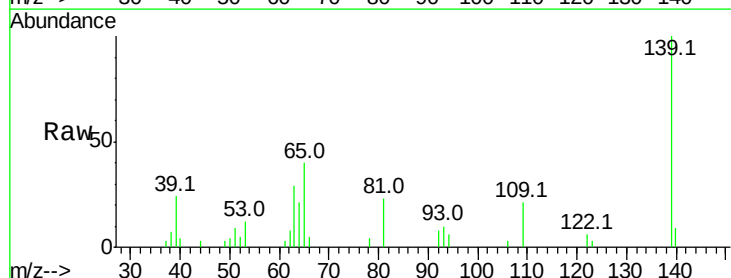
Tgt Ion: 139 Resp: 11140

Ion Ratio Lower Upper

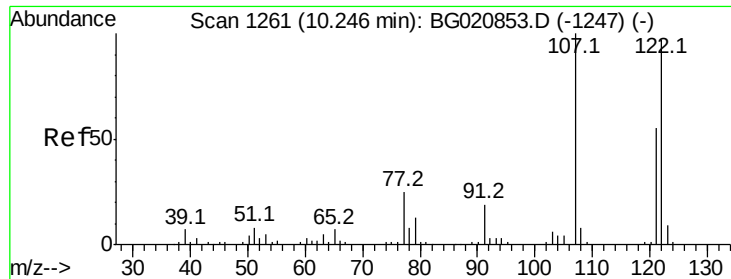
139 100

109 21.4 17.6 26.4

65 39.6 31.0 46.6



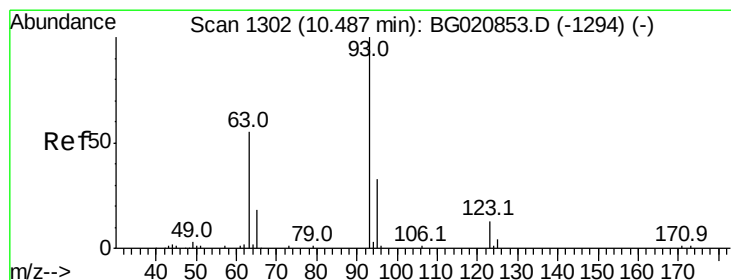
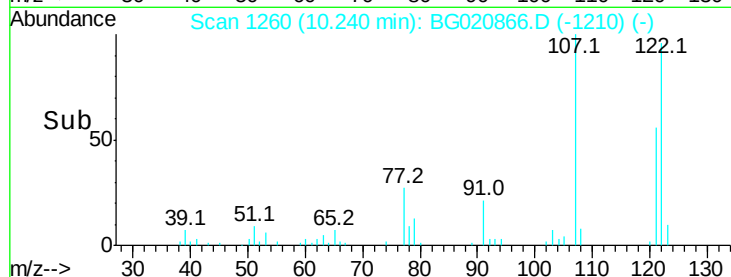
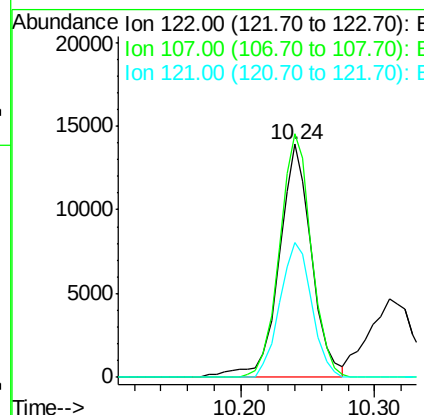
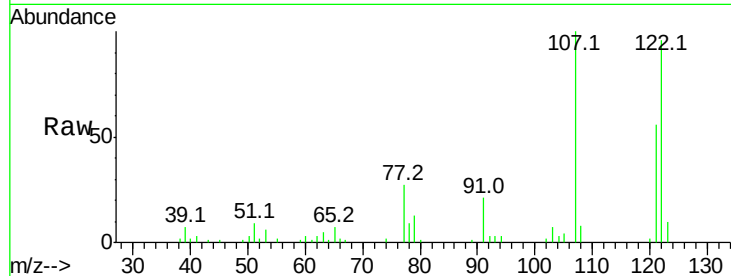




#27  
 2,4-Dimethylphenol  
 Concen: 14.33 ng  
 RT: 10.24 min Scan# 1260  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

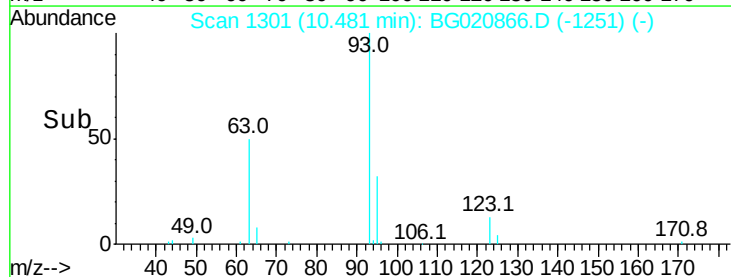
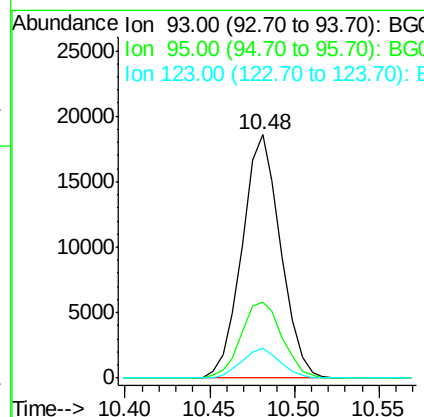
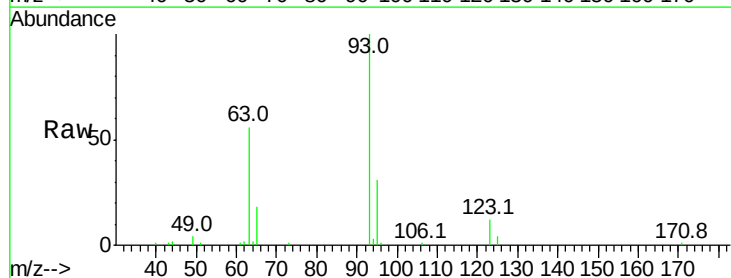
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

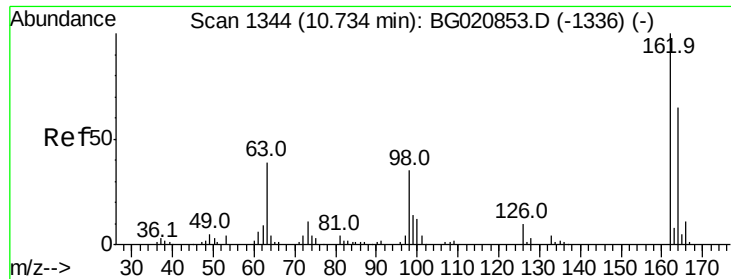
Tot Ion:122 Resp: 23585  
 Ion Ratio Lower Upper  
 122 100  
 107 104.5 82.6 124.0  
 121 58.1 45.6 68.4



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 14.47 ng  
 RT: 10.48 min Scan# 1301  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

Tgt Ion: 93 Resp: 29436  
 Ion Ratio Lower Upper  
 93 100  
 95 31.4 26.2 39.2  
 123 12.2 10.0 15.0

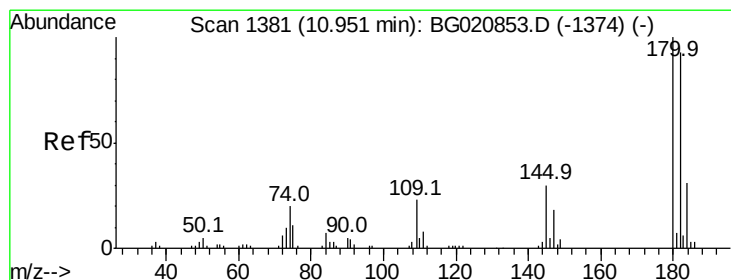
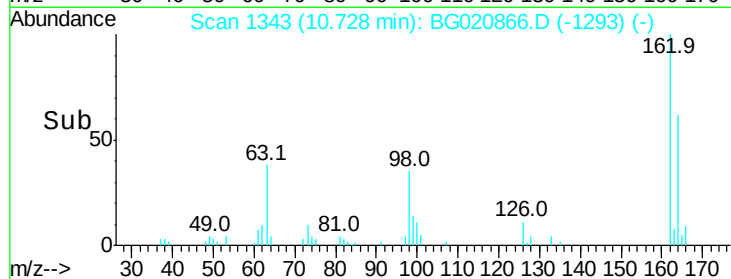
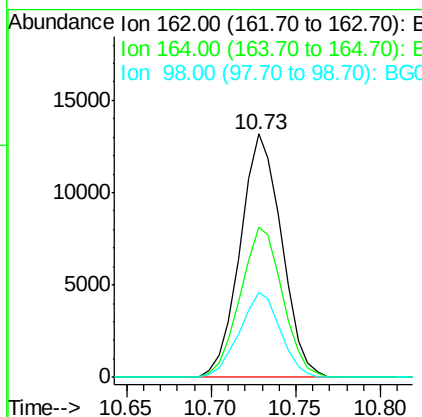
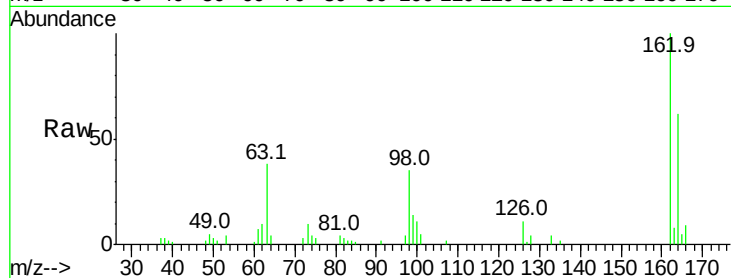




#29  
2,4-Dichlorophenol  
Concen: 15.22 ng  
RT: 10.73 min Scan# 1343  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

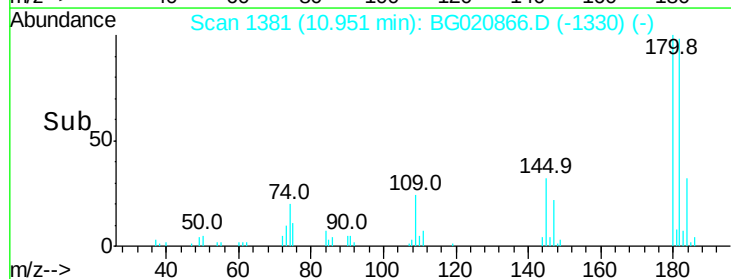
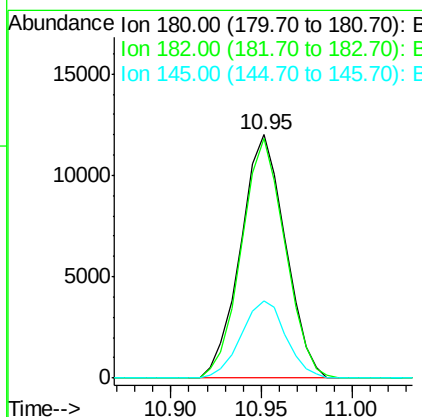
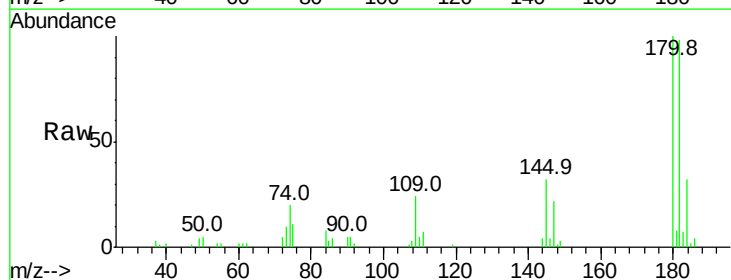
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

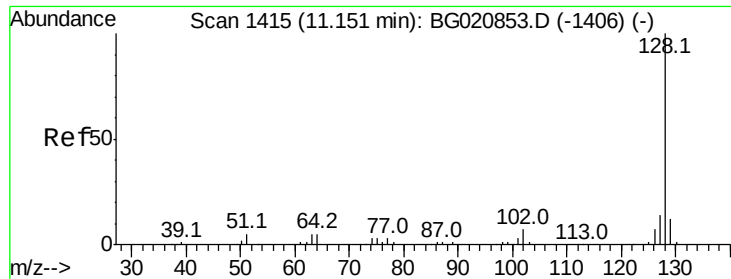
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 61.7  | 44.5  | 84.5  |
| 98      | 35.1  | 14.9  | 54.9  |



#30  
1,2,4-Trichlorobenzene  
Concen: 13.83 ng  
RT: 10.95 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.4  | 74.1  | 111.1 |
| 145     | 31.6  | 24.1  | 36.1  |

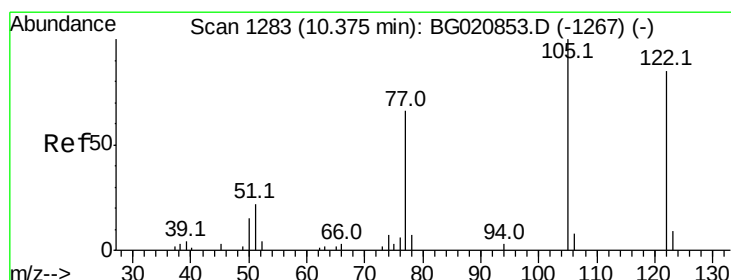
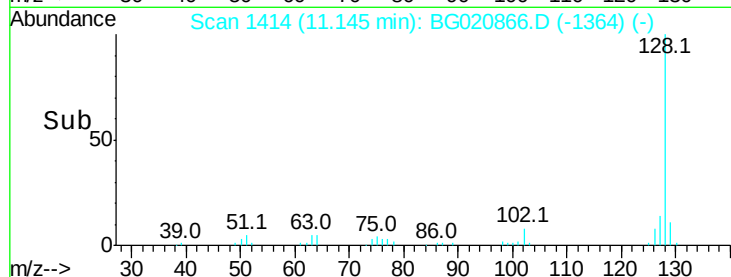
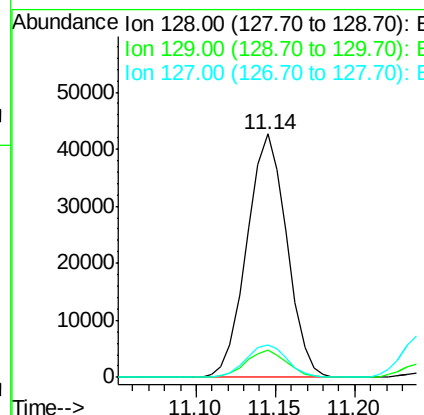
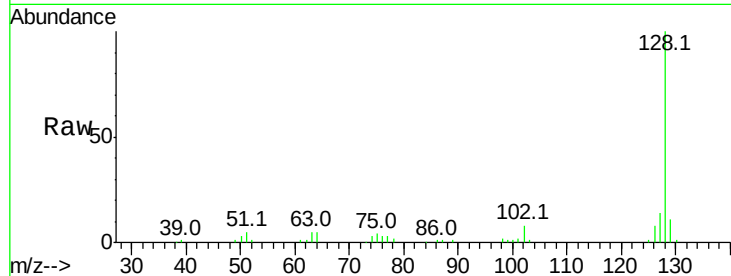




#31  
Naphthalene  
Concen: 14.01 ng  
RT: 11.14 min Scan# 1414  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

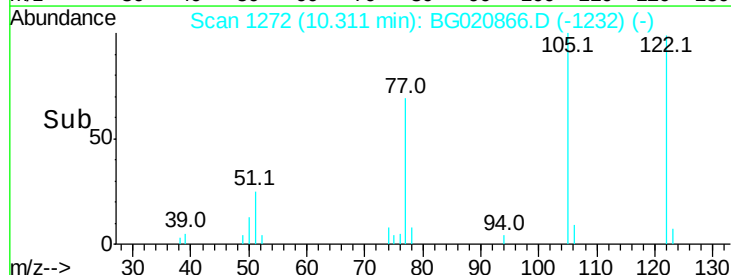
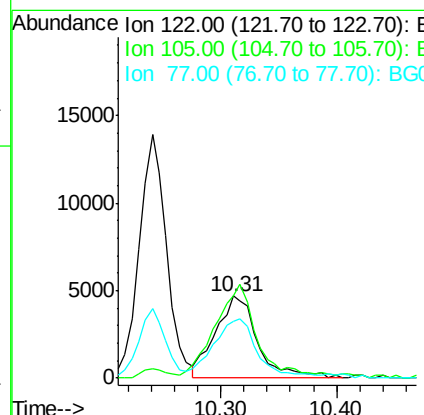
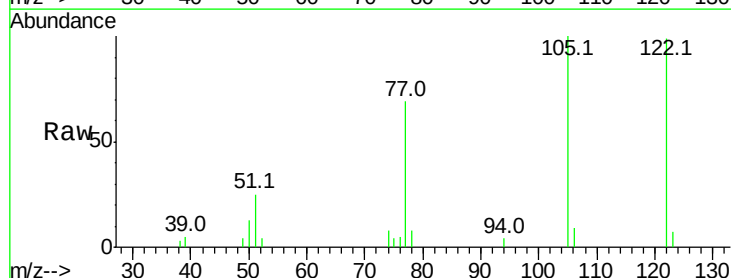
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

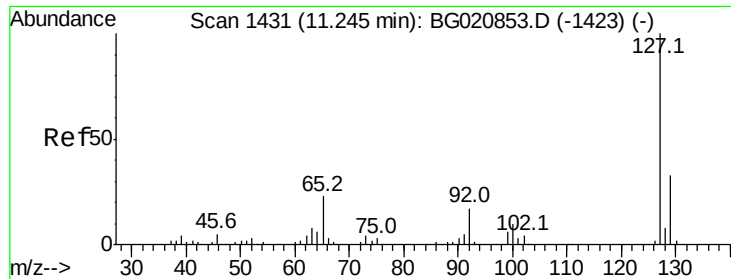
Tot Ion:128 Resp: 74644  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.3 13.9  
127 13.5 11.4 17.2



#32  
Benzoic acid  
Concen: 8.95 ng  
RT: 10.31 min Scan# 1272  
Delta R.T. -0.06 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

Tgt Ion:122 Resp: 11822  
Ion Ratio Lower Upper  
122 100  
105 100.6 94.0 134.0  
77 69.8 56.8 96.8

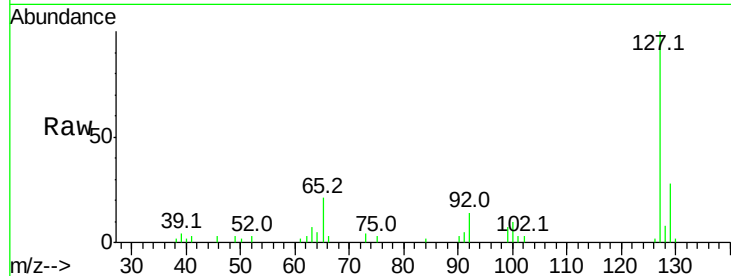




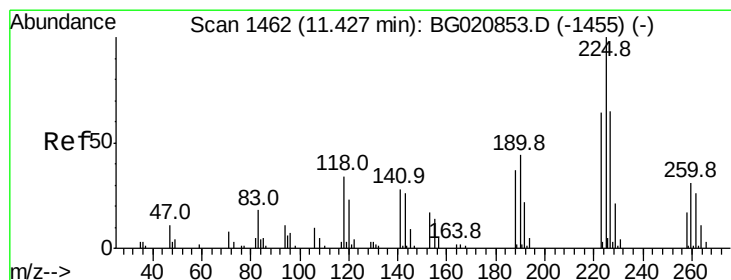
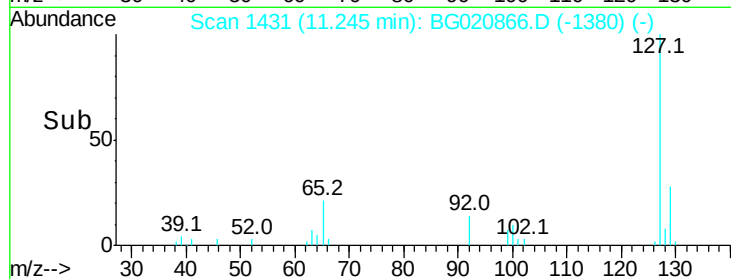
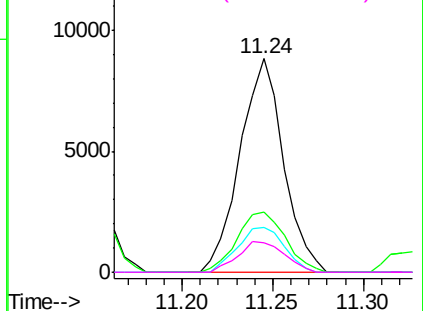
#33  
4-Chloroaniline  
Concen: 6.45 ng  
RT: 11.24 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

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

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 14778 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 28.1  | 26.2  | 39.4  |
| 65       | 20.7  | 18.6  | 27.8  |
| 92       | 14.1  | 13.3  | 19.9  |

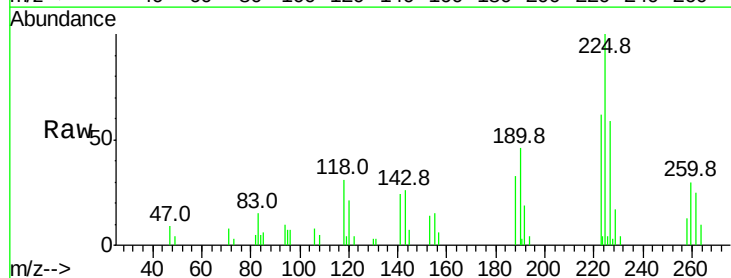


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

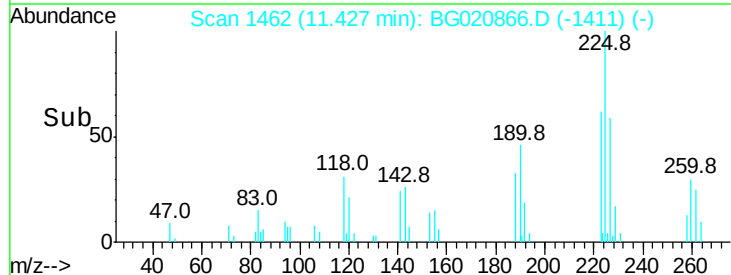
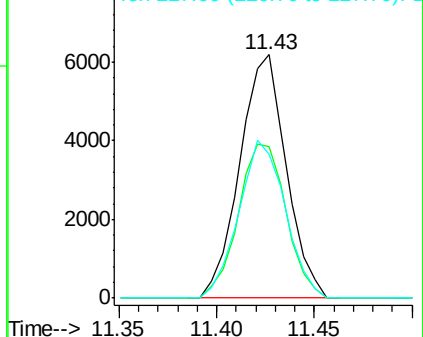


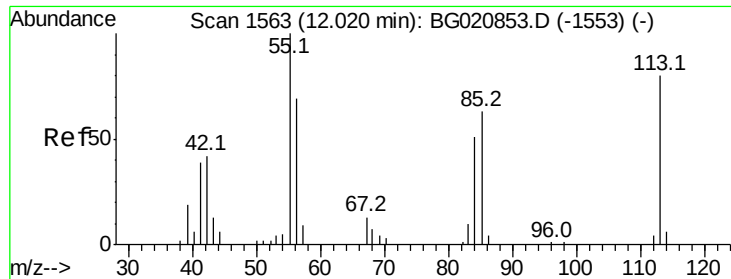
#34  
Hexachlorobutadiene  
Concen: 13.42 ng  
RT: 11.43 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 10164 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.3  | 51.0  | 76.6  |
| 227      | 59.1  | 51.7  | 77.5  |



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: 16.18 ng

RT: 11.99 min Scan# 1558

Delta R.T. -0.03 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

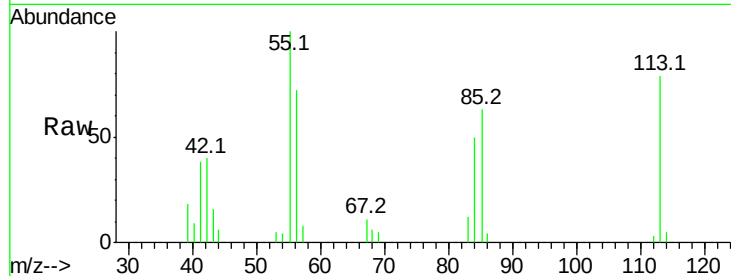
Tot Ion:113 Resp: 9149

Ion Ratio Lower Upper

113 100

55 126.0 104.4 144.4

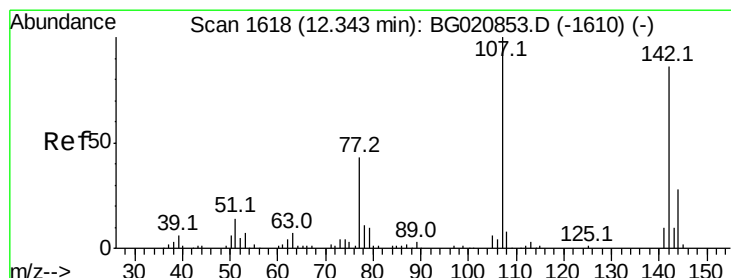
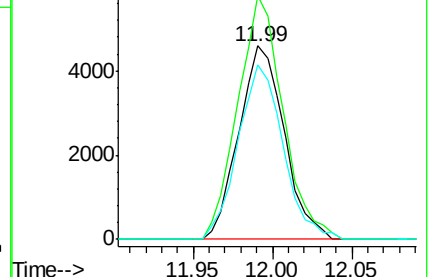
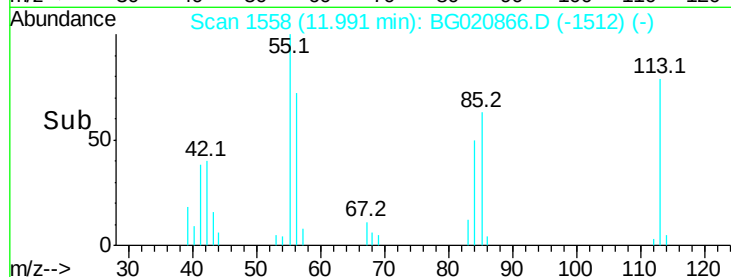
56 90.6 65.4 105.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 14.88 ng

RT: 12.34 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

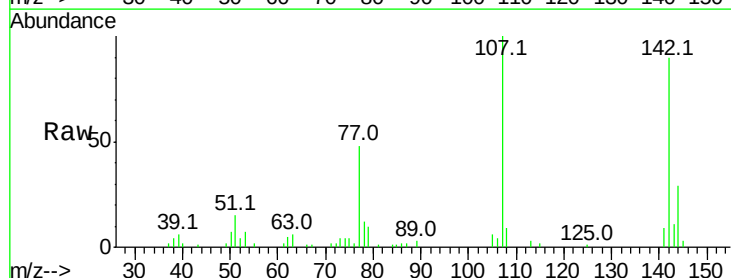
Tgt Ion:107 Resp: 25160

Ion Ratio Lower Upper

107 100

144 28.9 22.4 33.6

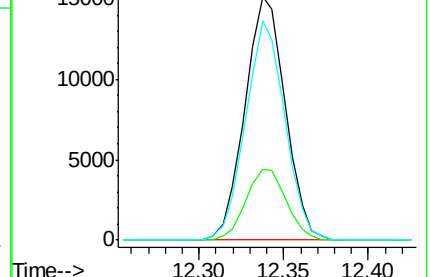
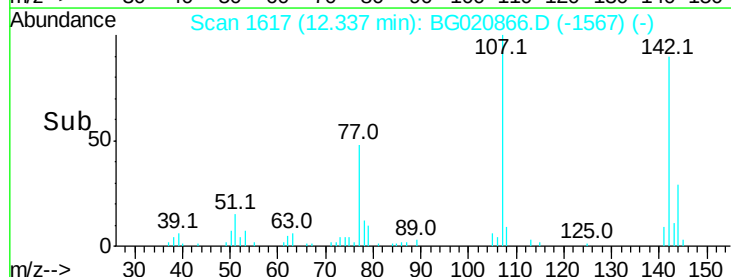
142 89.9 68.6 103.0

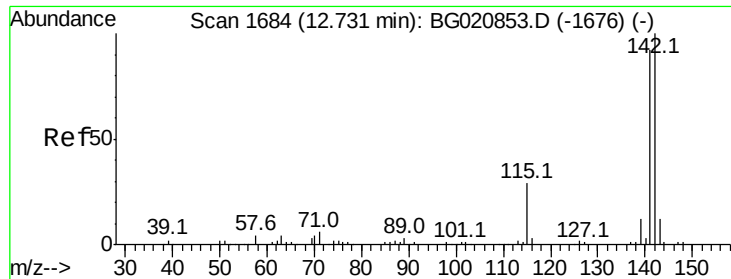


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

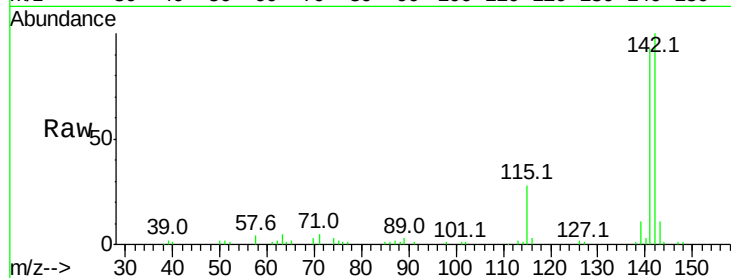




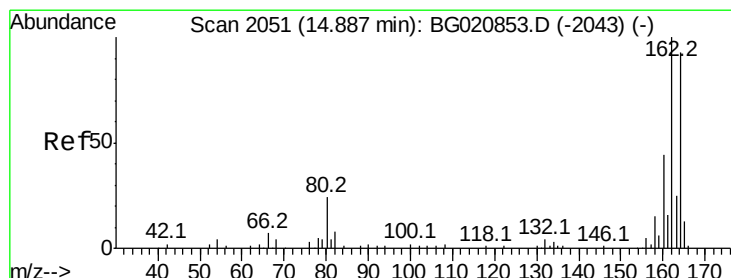
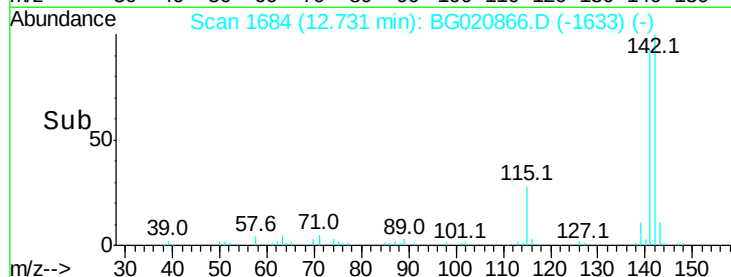
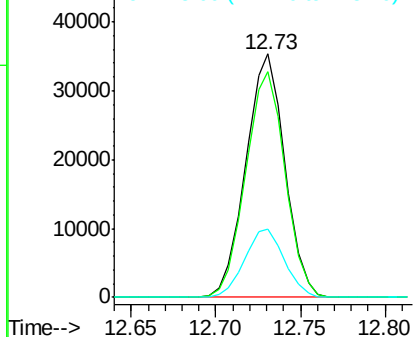
#37  
2-Methylnaphthalene  
Concen: 15.14 ng  
RT: 12.73 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

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

Tot Ion:142 Resp: 56591  
Ion Ratio Lower Upper  
142 100  
141 92.6 73.4 110.2  
115 28.0 23.0 34.6

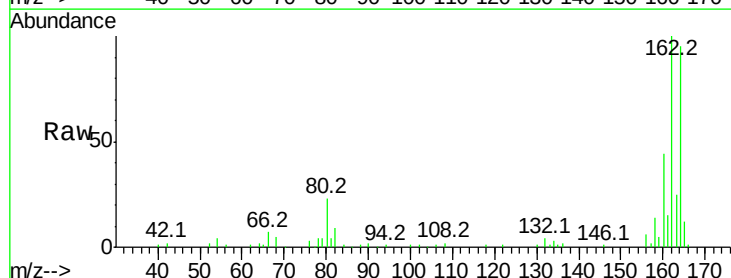


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

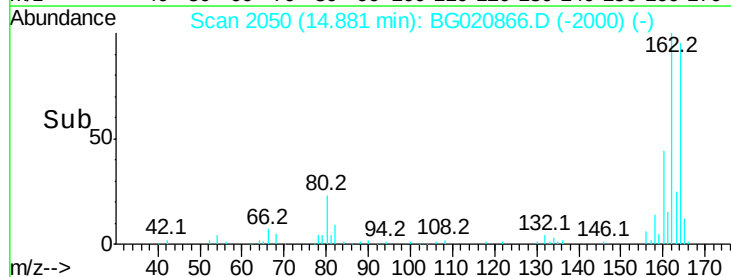
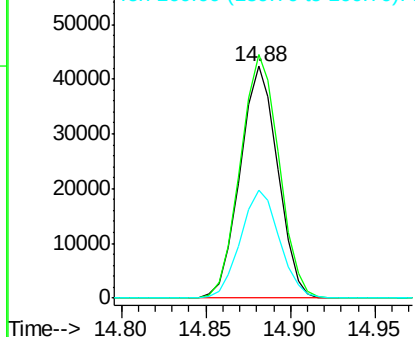


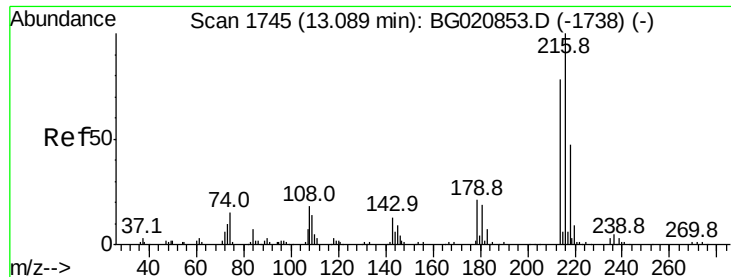
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.88 min Scan# 2050  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

Tgt Ion:164 Resp: 65548  
Ion Ratio Lower Upper  
164 100  
162 105.0 85.7 128.5  
160 46.4 37.4 56.0



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: 11.93 ng

RT: 13.09 min Scan# 1745

Delta R.T. 0.00 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

Tot Ion:216 Resp: 22936

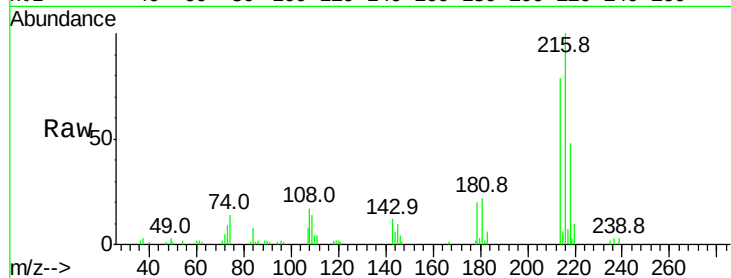
Ion Ratio Lower Upper

216 100

214 78.9 61.9 92.9

179 21.8 16.5 24.7

108 18.6 15.1 22.7

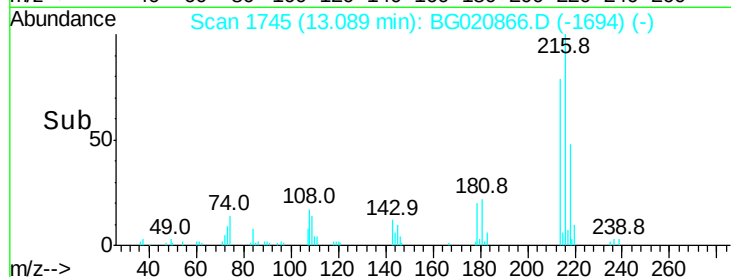


Abundance Ion 216.00 (215.70 to 216.70): E

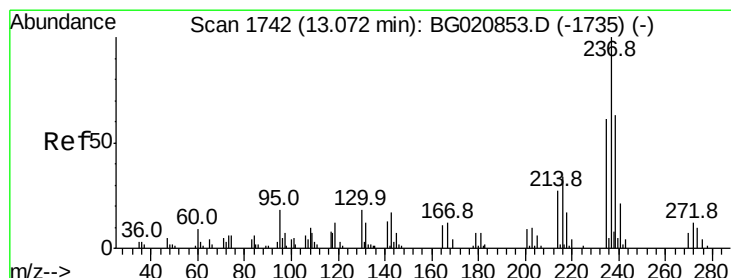
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 10.72 ng

RT: 13.07 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

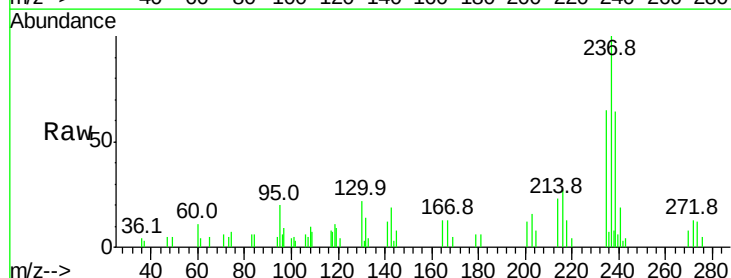
Tgt Ion:237 Resp: 9072

Ion Ratio Lower Upper

237 100

235 65.1 40.8 80.8

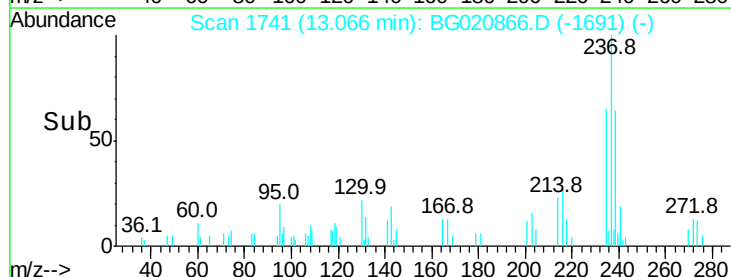
272 12.9 0.0 32.3



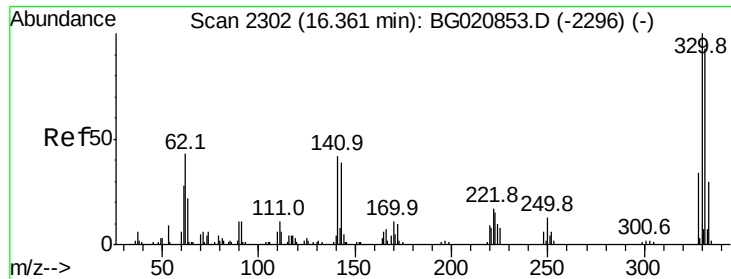
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



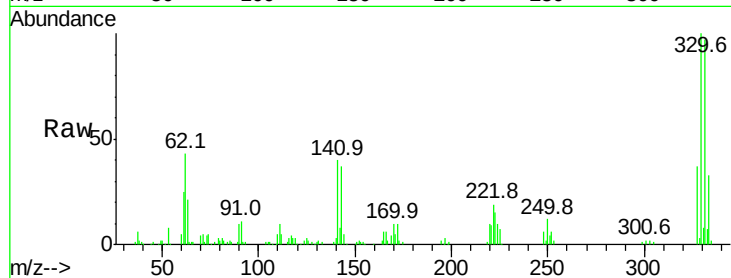
Time-->



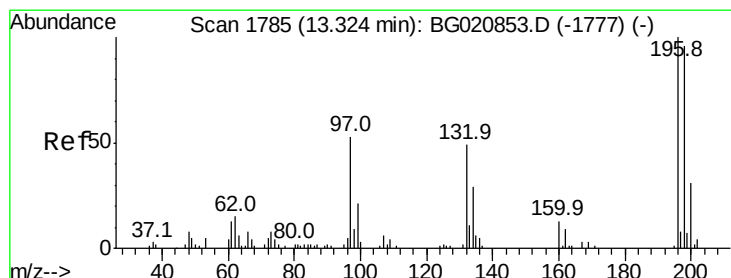
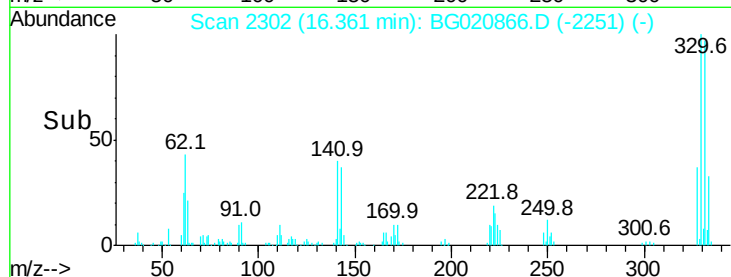
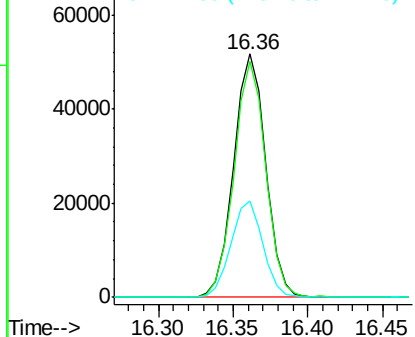
#41  
 2,4,6-Tribromophenol  
 Concen: 119.65 ng  
 RT: 16.36 min Scan# 2302  
 Delta R.T. 0.00 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

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

Tot Ion:330 Resp: 77128  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 76.1 114.1  
 141 39.6 32.0 48.0

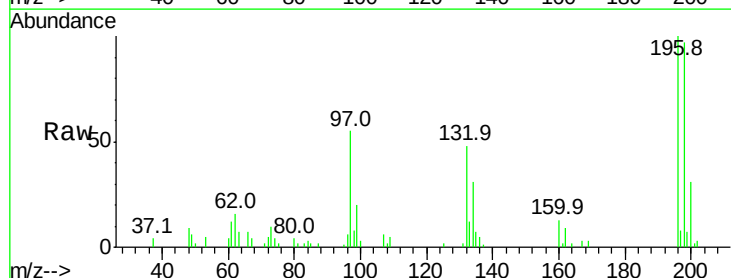


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

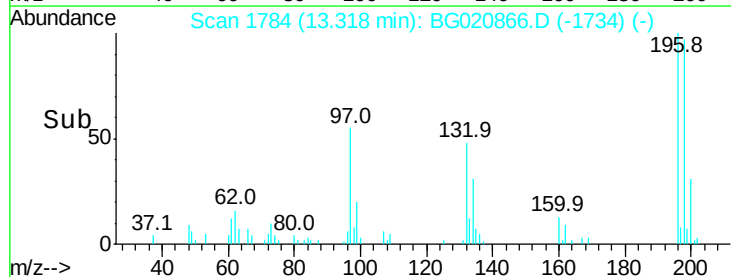
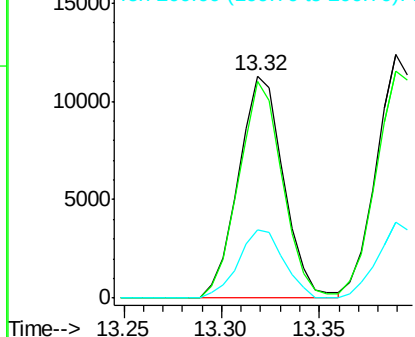


#42  
 2,4,6-Trichlorophenol  
 Concen: 13.97 ng  
 RT: 13.32 min Scan# 1784  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

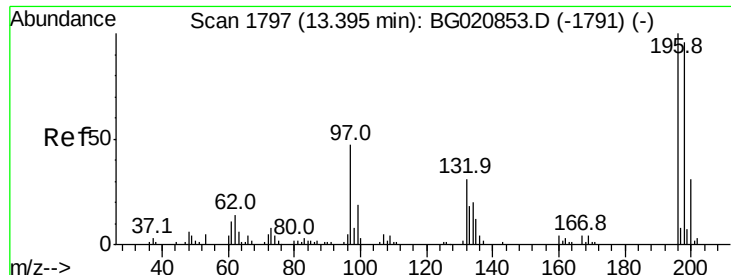
Tgt Ion:196 Resp: 18048  
 Ion Ratio Lower Upper  
 196 100  
 198 97.3 77.1 115.7  
 200 30.6 24.7 37.1



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



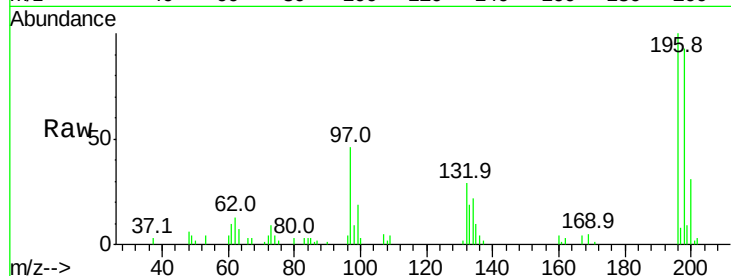




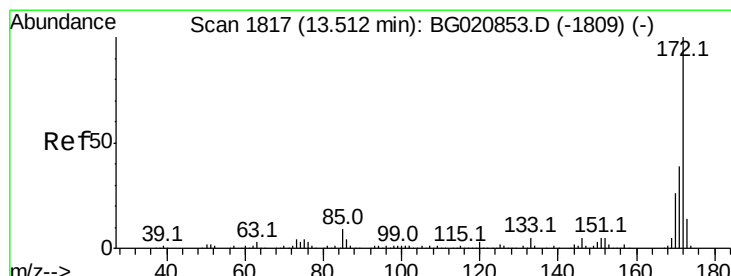
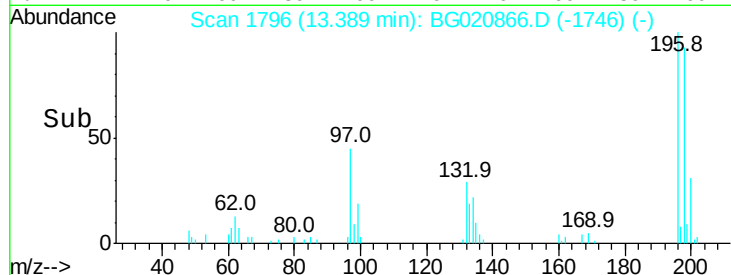
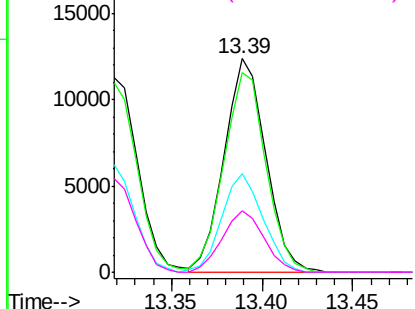
#43  
2,4,5-Trichlorophenol  
Concen: 14.58 ng  
RT: 13.39 min Scan# 1796  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

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

Tot Ion:196 Resp: 19798  
Ion Ratio Lower Upper  
196 100  
198 93.4 76.4 114.6  
97 46.5 37.4 56.0  
132 29.0 24.7 37.1

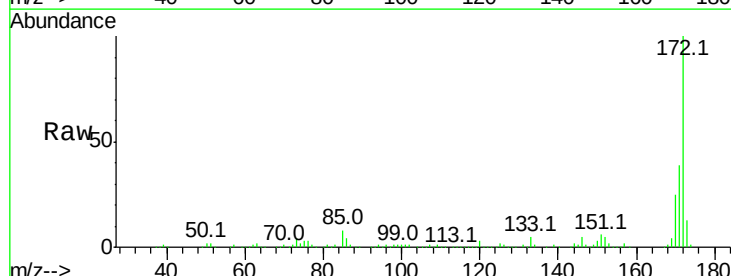


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BG  
Ion 132.00 (131.70 to 132.70): E

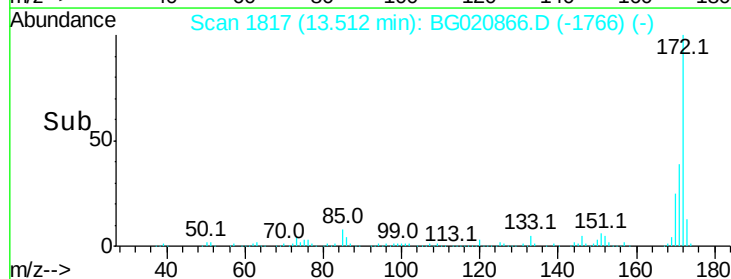
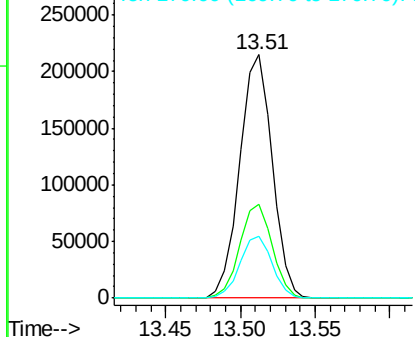


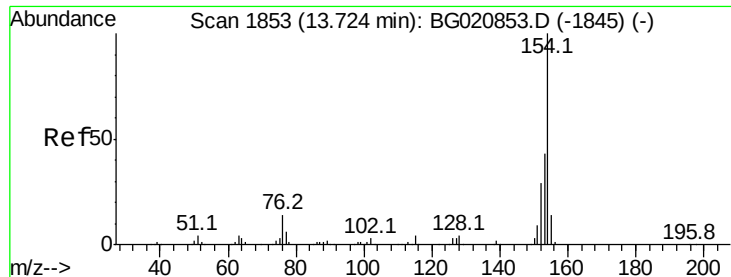
#44  
2-Fluorobiphenyl  
Concen: 69.60 ng  
RT: 13.51 min Scan# 1817  
Delta R.T. 0.00 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

Tgt Ion:172 Resp: 324759  
Ion Ratio Lower Upper  
172 100  
171 38.8 31.2 46.8  
170 25.3 20.6 30.8



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: 12.17 ng

RT: 13.72 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

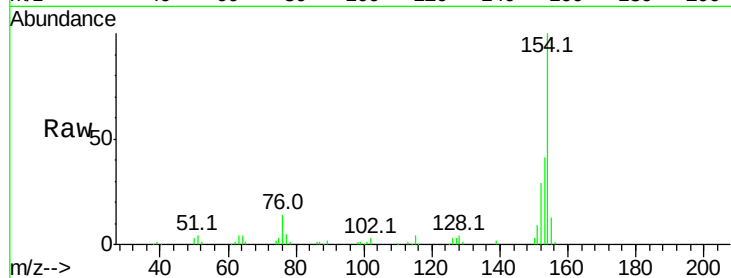
Tot Ion:154 Resp: 70383

Ion Ratio Lower Upper

154 100

153 41.3 22.5 62.5

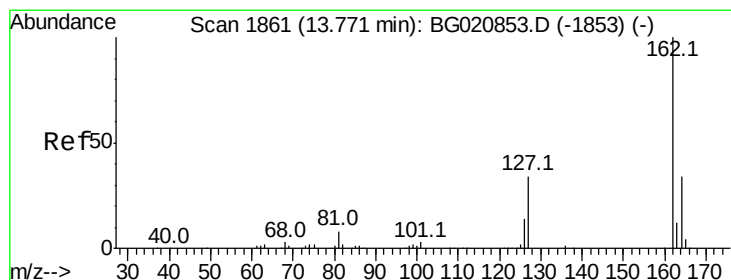
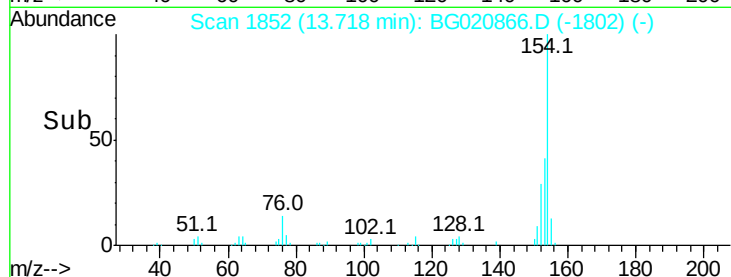
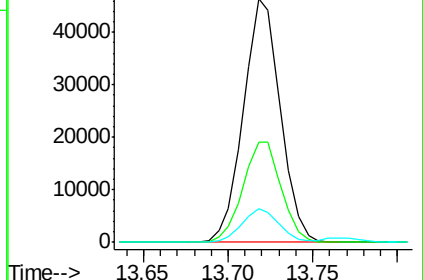
76 13.6 0.0 33.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 13.25 ng

RT: 13.76 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

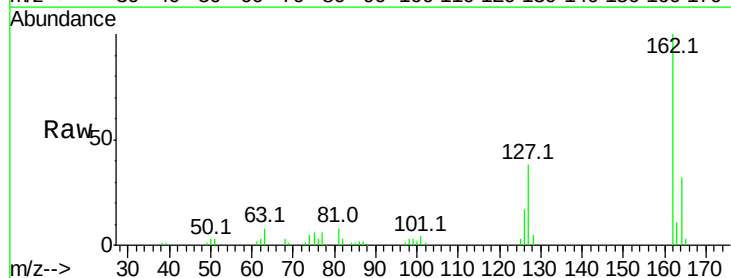
Tgt Ion:162 Resp: 54859

Ion Ratio Lower Upper

162 100

127 37.7 30.6 45.8

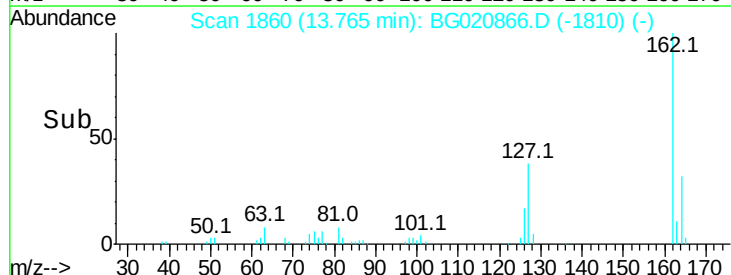
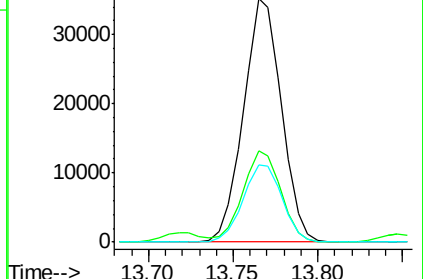
164 31.8 26.8 40.2

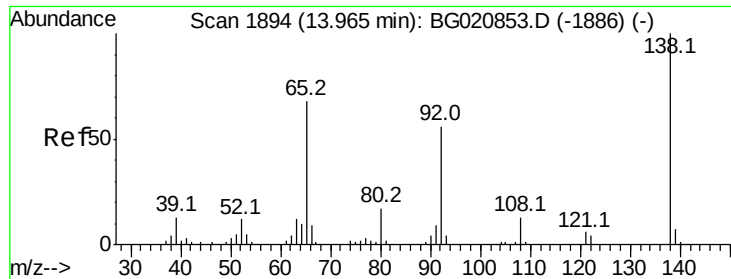


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

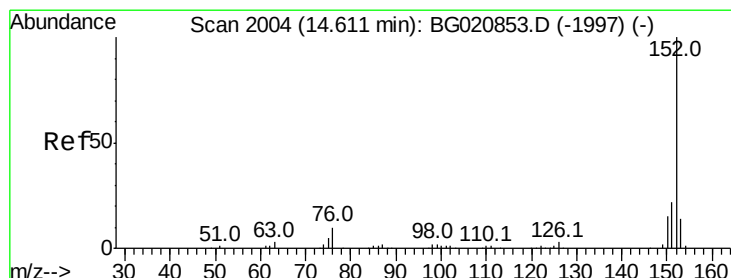
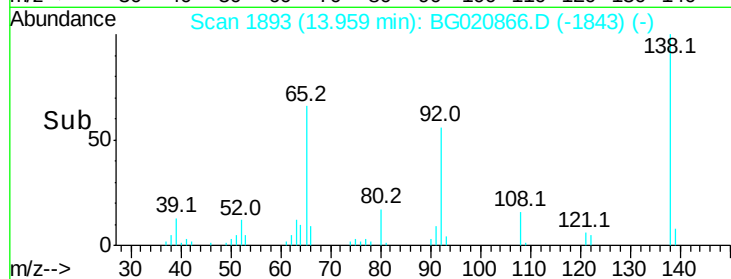
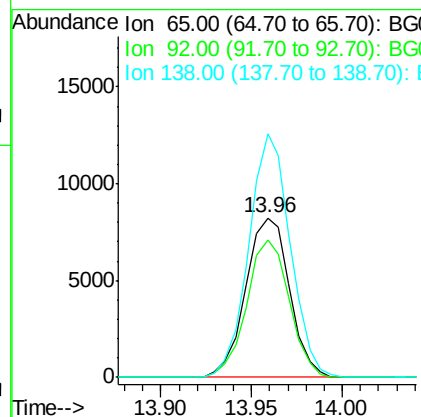
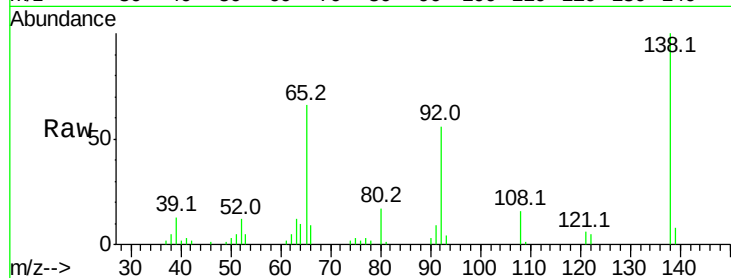




#47  
 2-Nitroaniline  
 Concen: 14.04 ng  
 RT: 13.96 min Scan# 1893  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

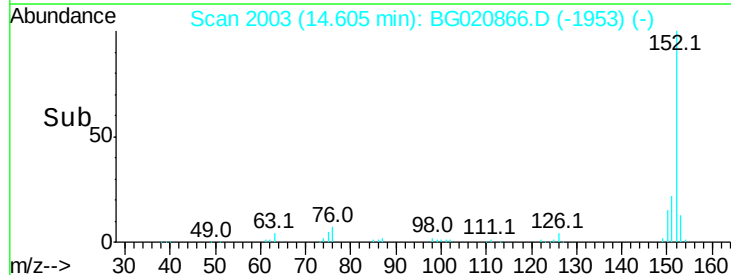
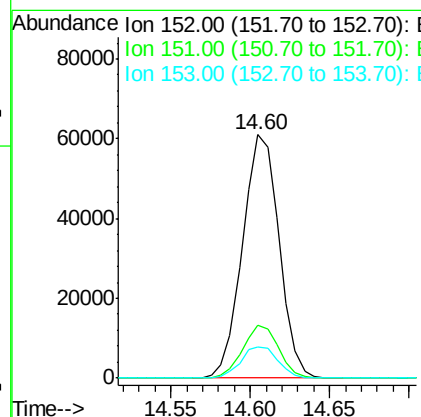
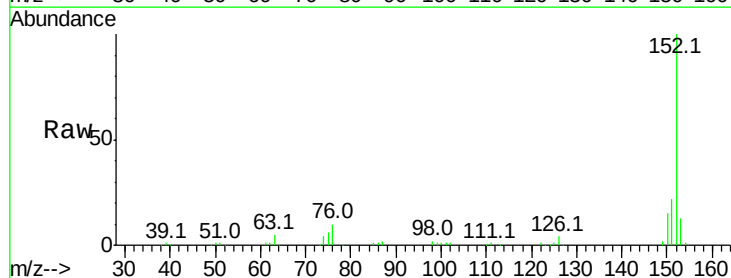
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

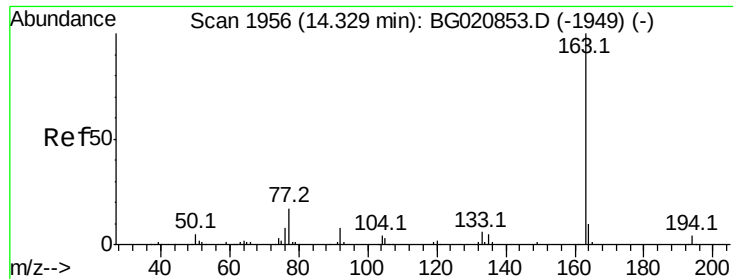
Tot Ion: 65 Resp: 13918  
 Ion Ratio Lower Upper  
 65 100  
 92 86.1 65.8 98.8  
 138 152.5 117.1 175.7



#48  
 Acenaphthylene  
 Concen: 13.53 ng  
 RT: 14.60 min Scan# 2003  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

Tgt Ion: 152 Resp: 97401  
 Ion Ratio Lower Upper  
 152 100  
 151 21.6 17.5 26.3  
 153 12.9 10.9 16.3





#49

Dimethylphthalate

Concen: 13.81 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

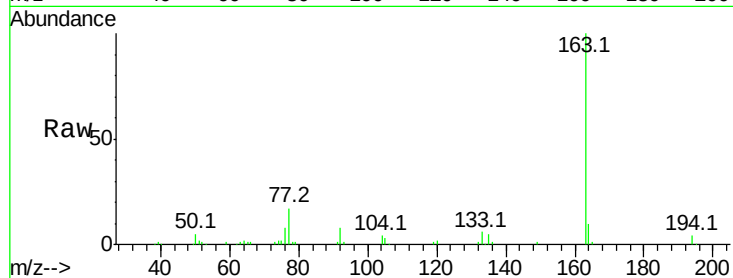
Tot Ion:163 Resp: 70768

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

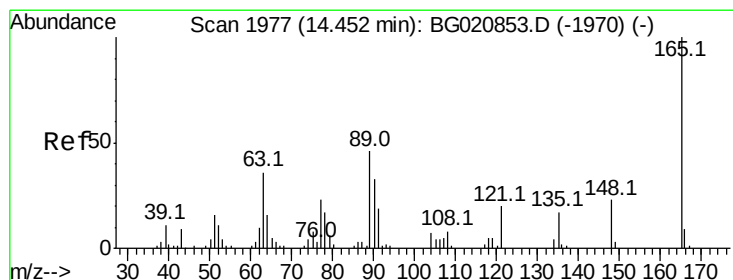
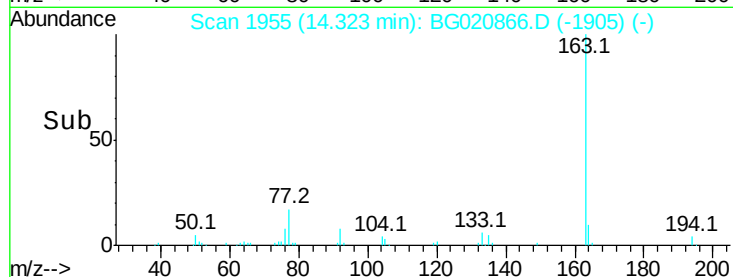
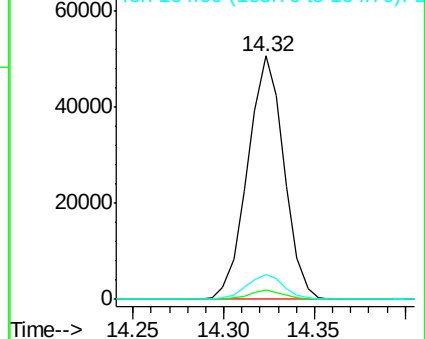
164 10.4 8.3 12.5



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: 13.86 ng

RT: 14.45 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

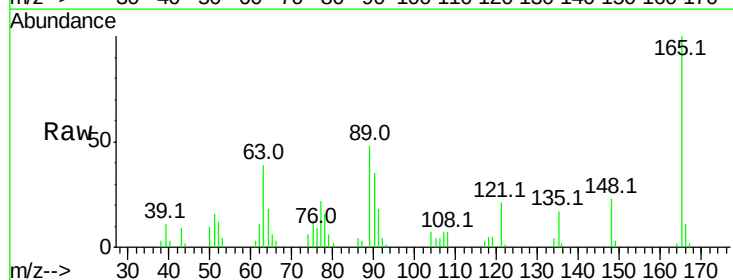
Tgt Ion:165 Resp: 15222

Ion Ratio Lower Upper

165 100

63 38.6 30.3 45.5

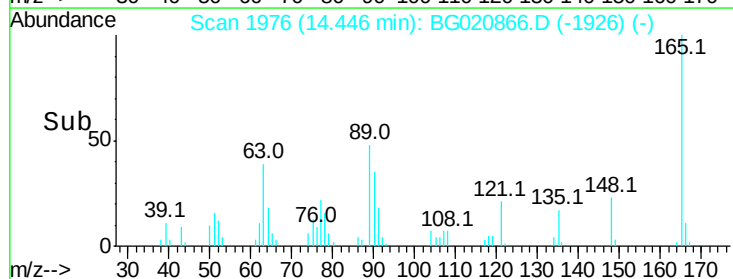
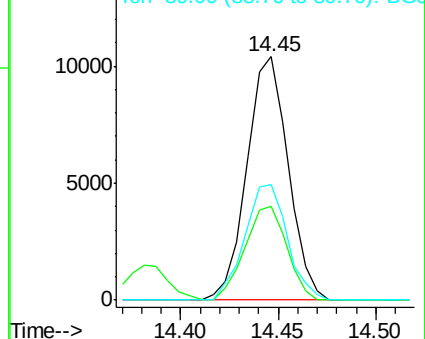
89 47.5 36.9 55.3

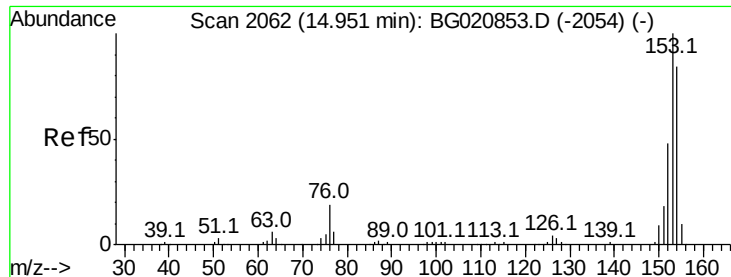


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 13.48 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

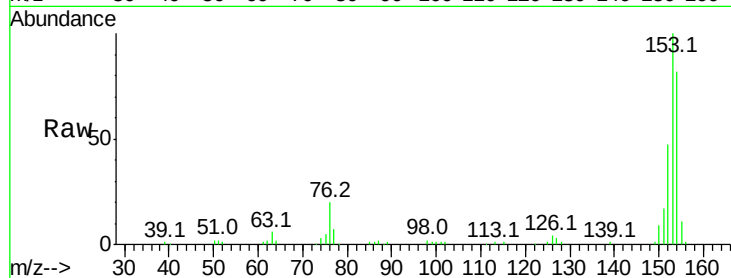
Tot Ion:154 Resp: 58817

Ion Ratio Lower Upper

154 100

153 121.8 95.4 143.0

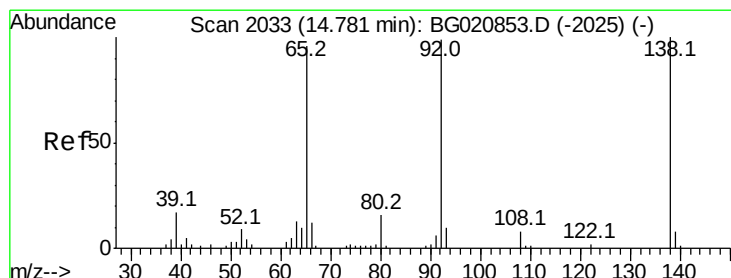
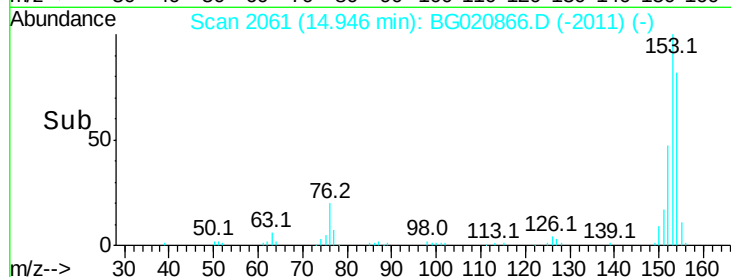
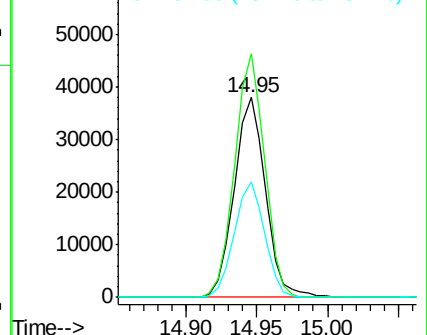
152 57.7 46.1 69.1



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: 10.52 ng

RT: 14.78 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

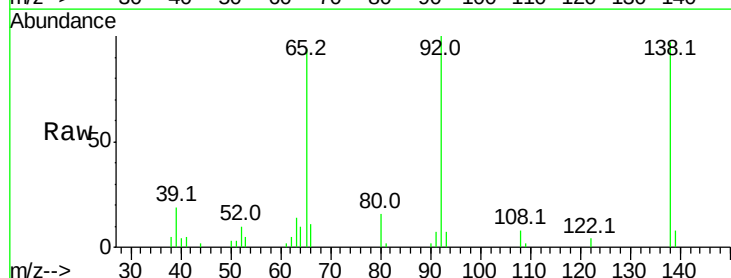
Tgt Ion:138 Resp: 13428

Ion Ratio Lower Upper

138 100

108 8.3 6.2 9.2

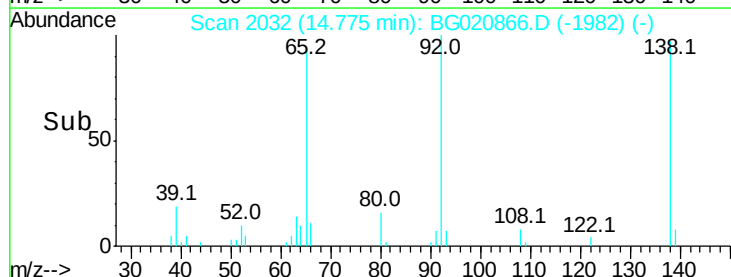
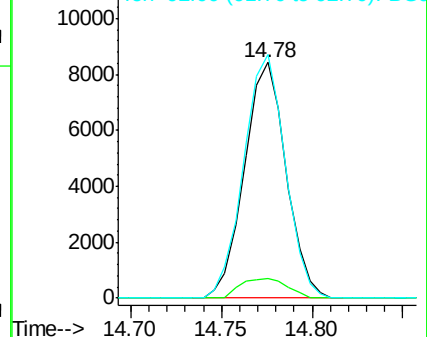
92 103.4 79.5 119.3

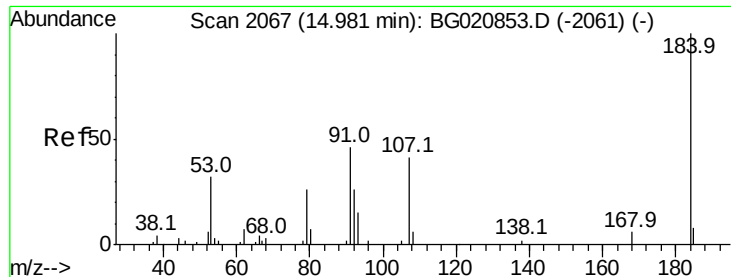


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

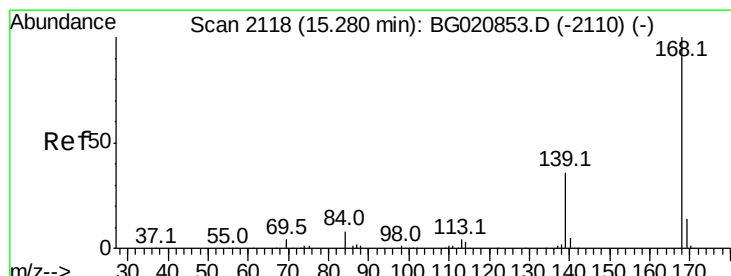
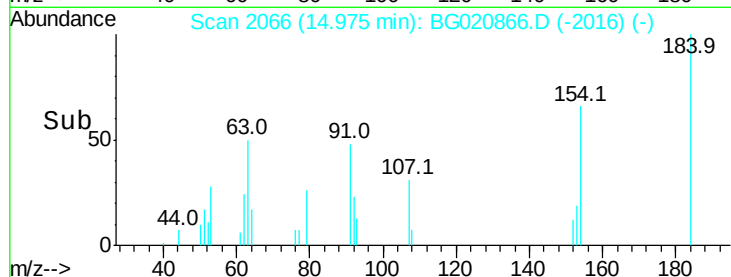
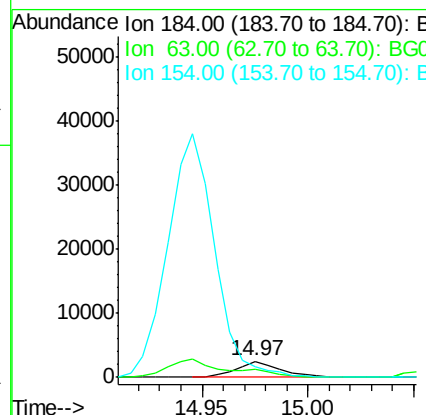
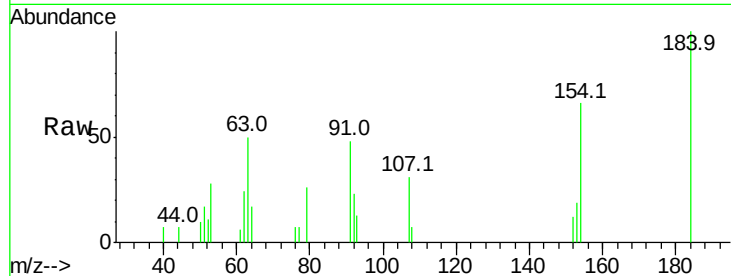




#53  
 2,4-Dinitrophenol  
 Concen: 15.17 ng  
 RT: 14.97 min Scan# 2066  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

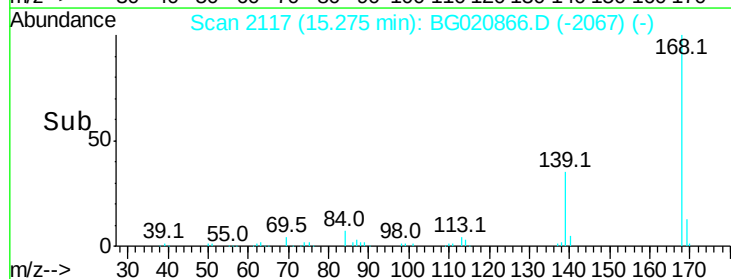
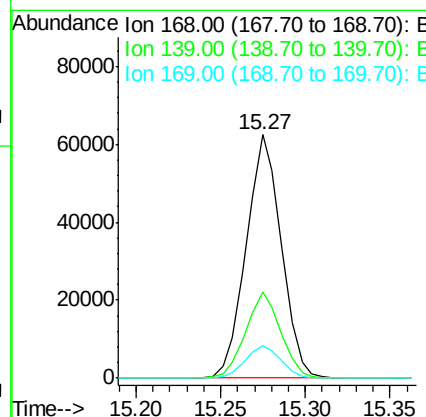
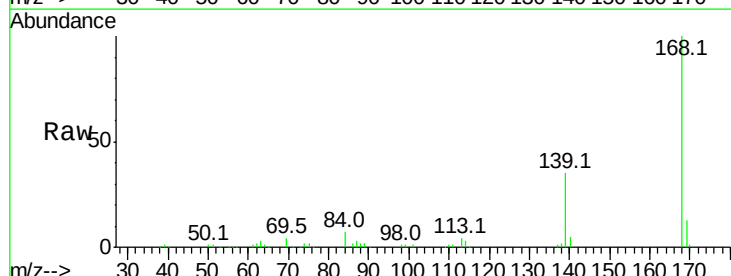
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

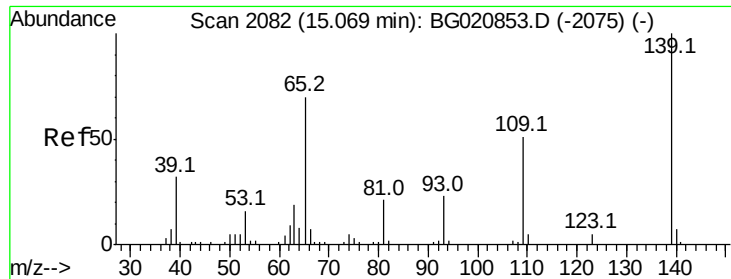
Tot Ion:184 Resp: 3515  
 Ion Ratio Lower Upper  
 184 100  
 63 49.5 39.8 59.6  
 154 66.3 48.1 72.1



#54  
 Dibenzofuran  
 Concen: 15.66 ng  
 RT: 15.27 min Scan# 2117  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

Tgt Ion:168 Resp: 90401  
 Ion Ratio Lower Upper  
 168 100  
 139 35.4 28.5 42.7  
 169 13.2 11.0 16.4

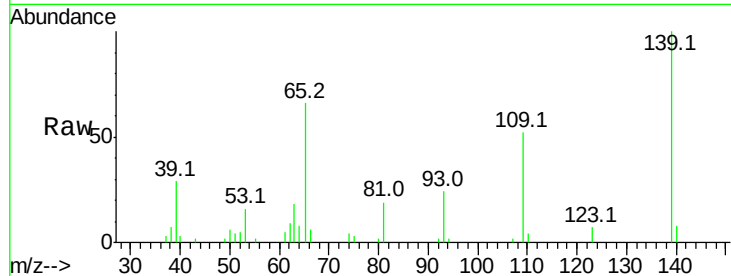




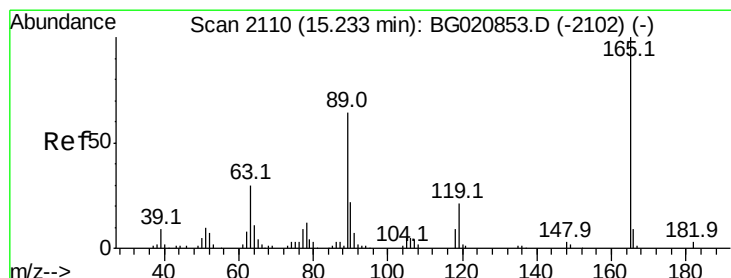
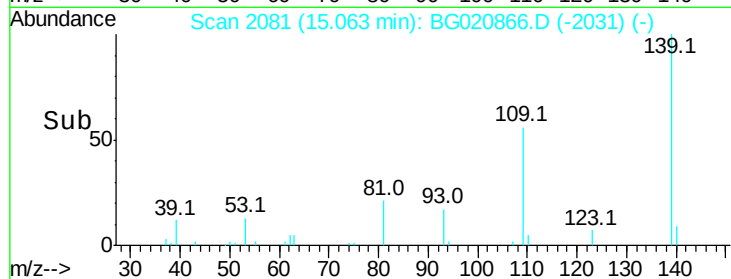
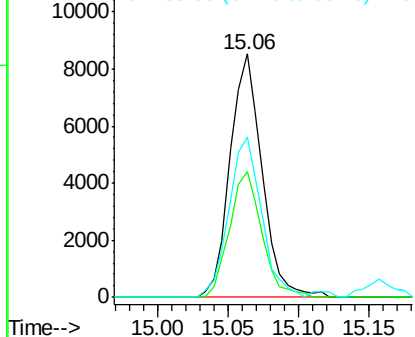
#55  
4-Nitrophenol  
Concen: 13.99 ng  
RT: 15.06 min Scan# 2081  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

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

Tot Ion:139 Resp: 13483  
Ion Ratio Lower Upper  
139 100  
109 51.8 31.0 71.0  
65 65.7 49.6 89.6



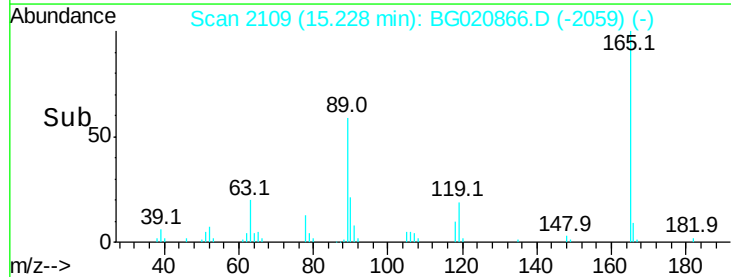
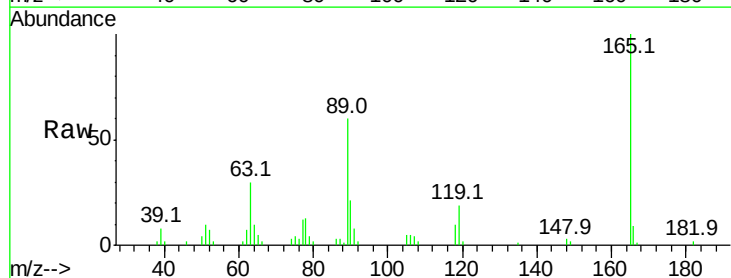
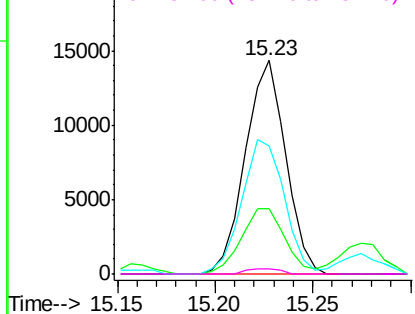
Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BGC

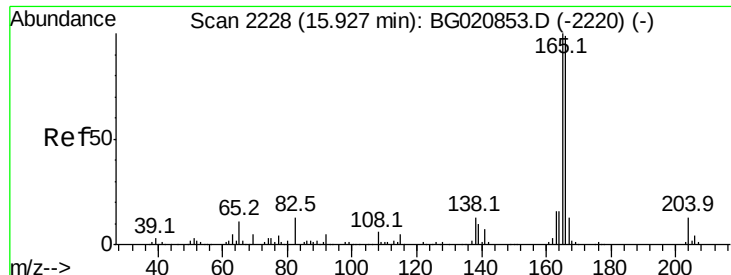


#56  
2,4-Dinitrotoluene  
Concen: 14.51 ng  
RT: 15.23 min Scan# 2109  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

Tgt Ion:165 Resp: 20603  
Ion Ratio Lower Upper  
165 100  
63 30.5 23.7 35.5  
89 60.0 50.9 76.3  
182 2.5 2.2 3.2

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  
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 14.32 ng

RT: 15.92 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

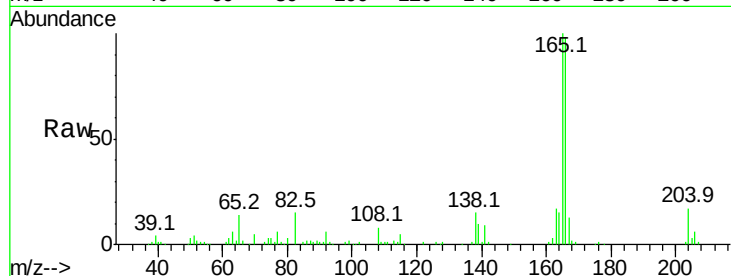
Tot Ion:166 Resp: 76151

Ion Ratio Lower Upper

166 100

165 101.6 81.0 121.4

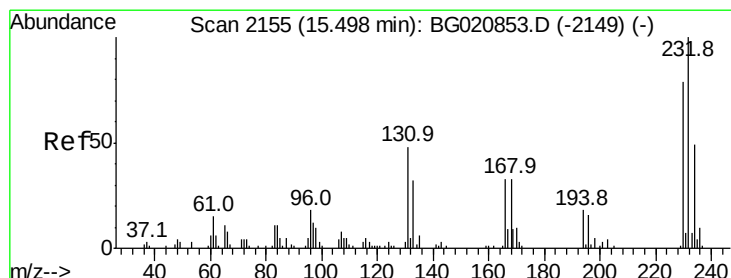
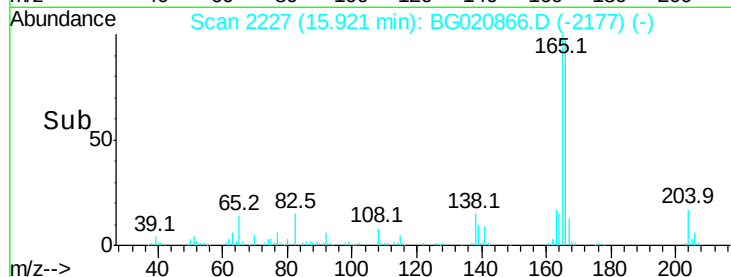
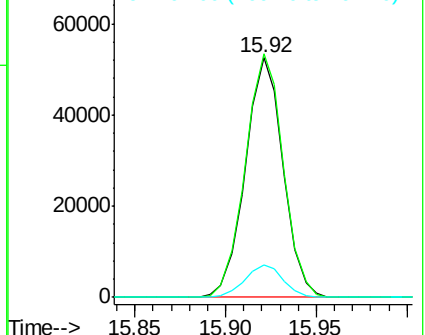
167 13.4 10.8 16.2



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: 15.81 ng

RT: 15.49 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Tgt Ion:232 Resp: 16358

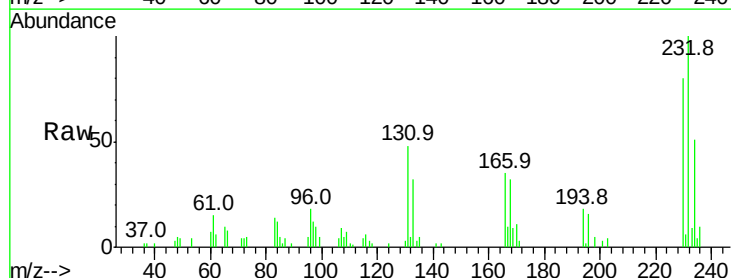
Ion Ratio Lower Upper

232 100

131 48.6 39.2 58.8

130 2.0 2.0 3.0

166 32.5 25.8 38.8

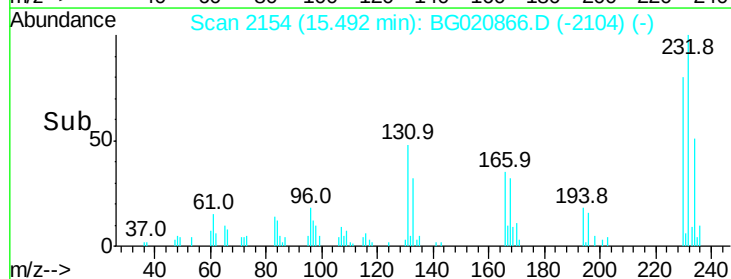
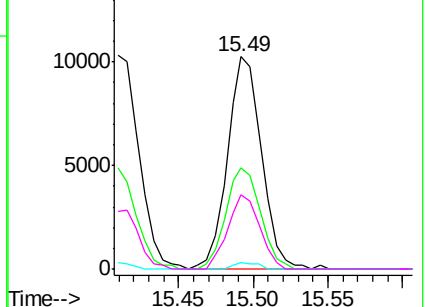


Abundance Ion 232.00 (231.70 to 232.70): E

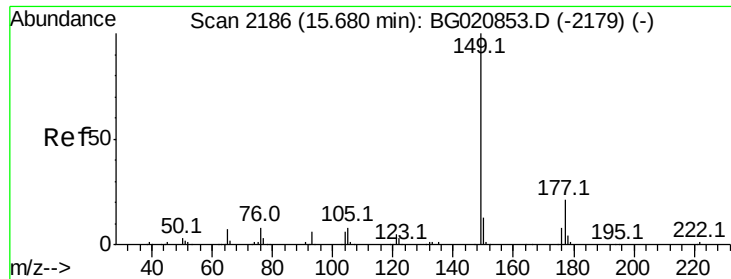
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#59

Diethylphthalate

Concen: 14.44 ng

RT: 15.67 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

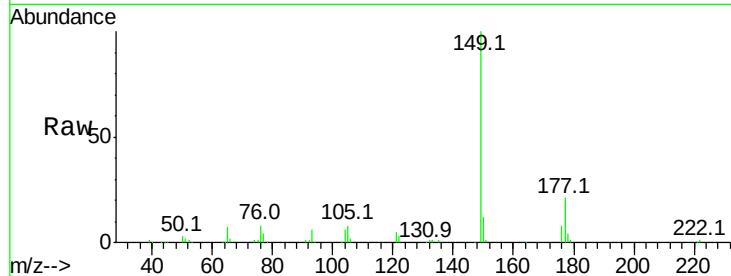
Tot Ion:149 Resp: 76079

Ion Ratio Lower Upper

149 100

177 21.5 16.9 25.3

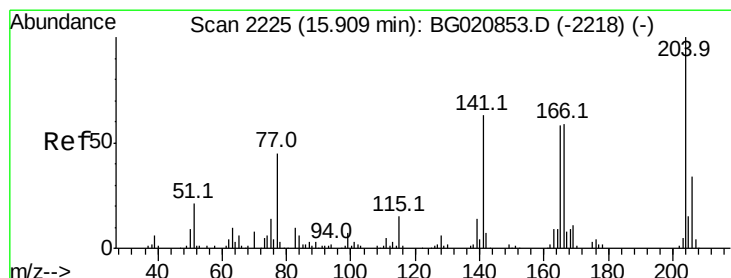
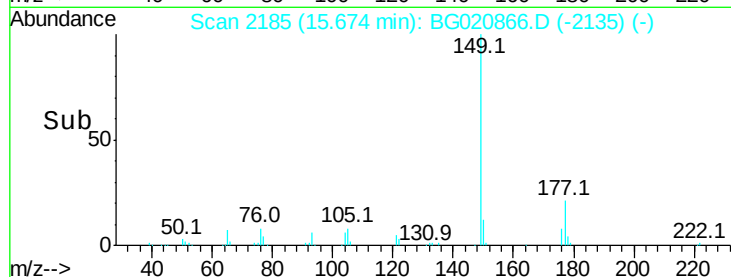
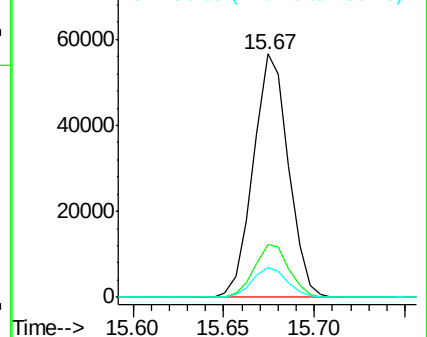
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 13.62 ng

RT: 15.91 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

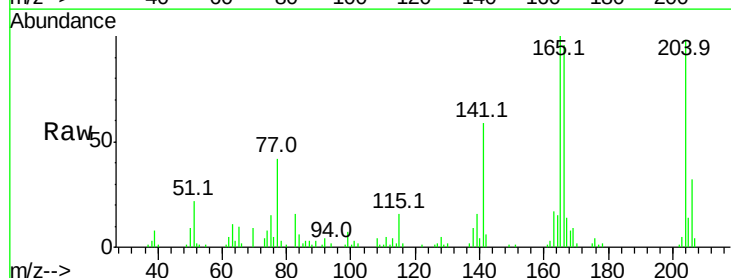
Tgt Ion:204 Resp: 32171

Ion Ratio Lower Upper

204 100

206 33.0 26.9 40.3

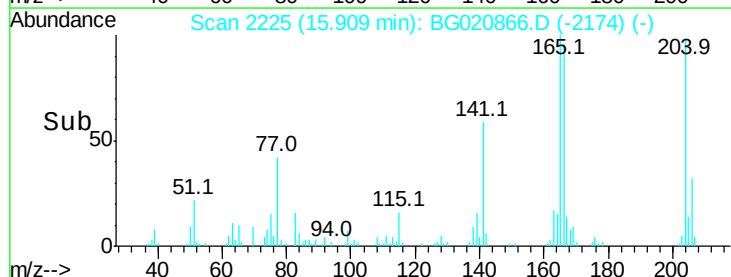
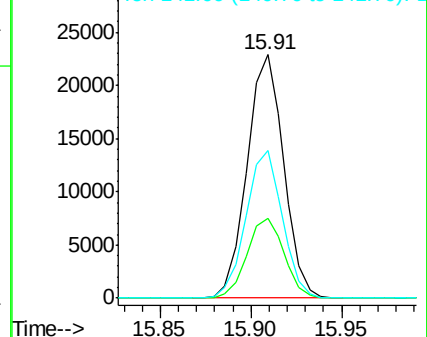
141 60.8 50.3 75.5

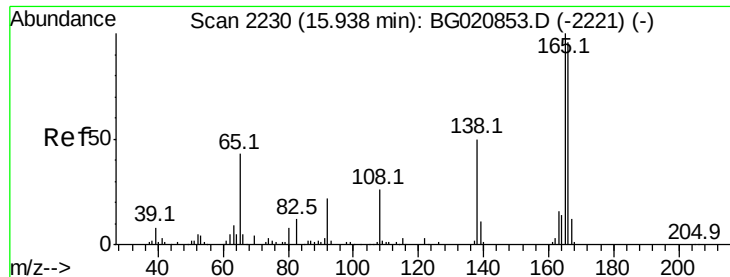


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

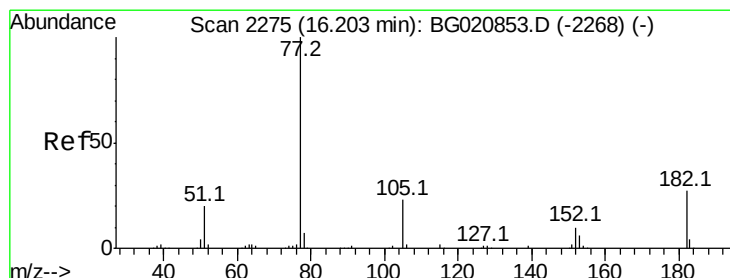
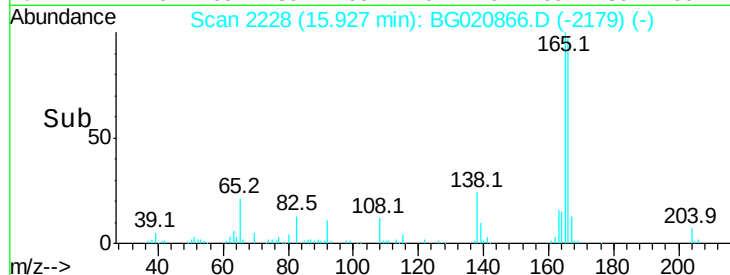
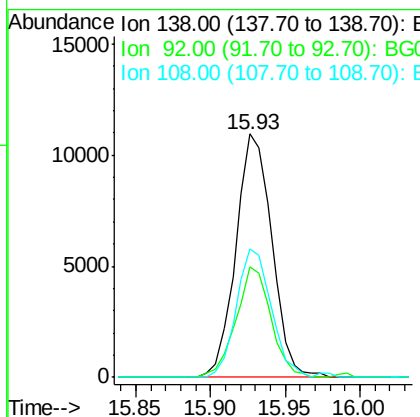
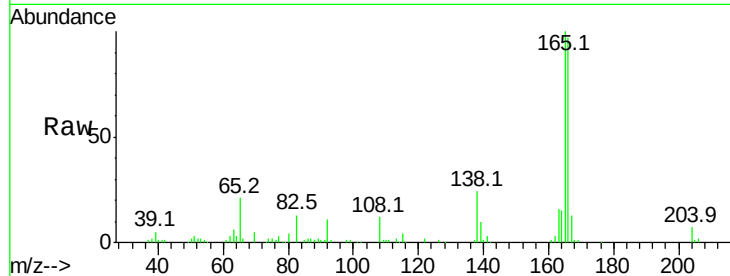




#61  
4-Nitroaniline  
Concen: 14.30 ng  
RT: 15.93 min Scan# 2228  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

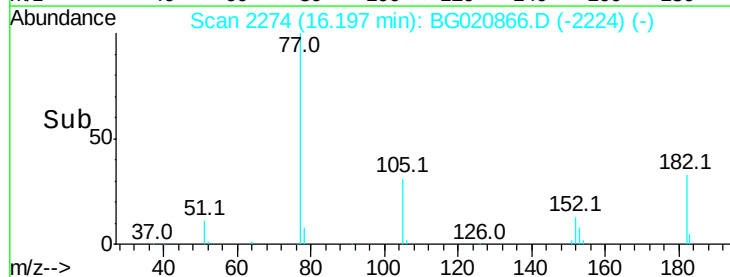
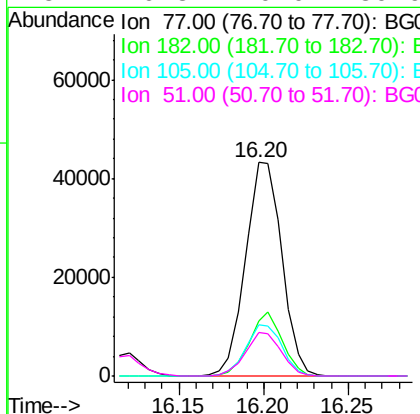
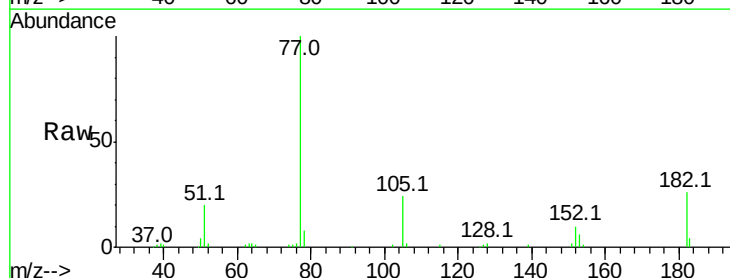
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

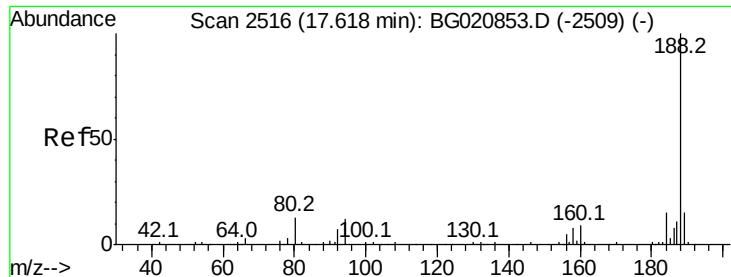
Tot Ion:138 Resp: 18326  
Ion Ratio Lower Upper  
138 100  
92 45.2 24.1 64.1  
108 52.6 32.4 72.4



#62  
Azobenzene  
Concen: 15.63 ng  
RT: 16.20 min Scan# 2274  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

Tgt Ion: 77 Resp: 64773  
Ion Ratio Lower Upper  
77 100  
182 25.6 6.8 46.8  
105 24.0 3.4 43.4  
51 20.3 0.0 39.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

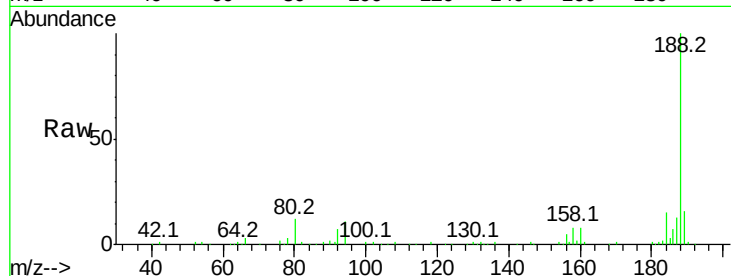
Tot Ion:188 Resp: 136397

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.0

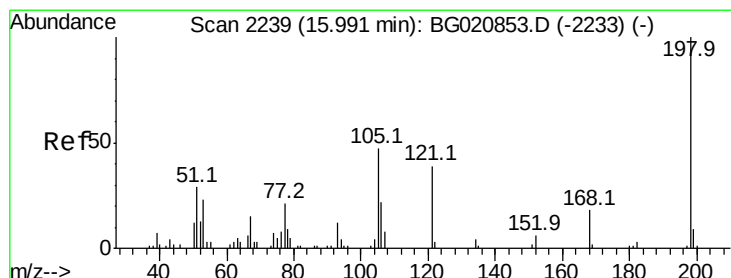
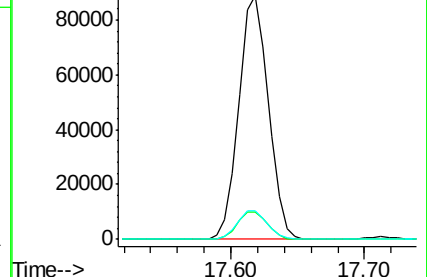
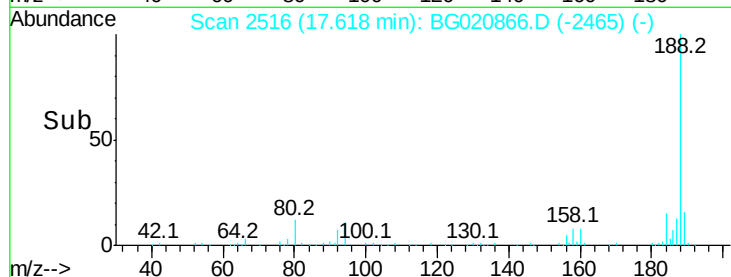
80 12.0 10.2 15.4



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: 14.32 ng

RT: 15.99 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

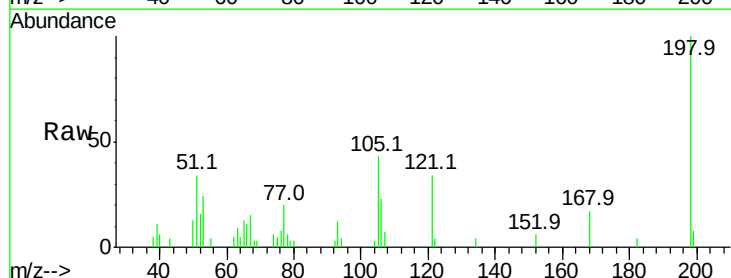
Tgt Ion:198 Resp: 6898

Ion Ratio Lower Upper

198 100

51 33.8 10.6 50.6

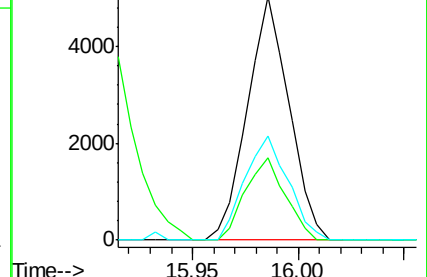
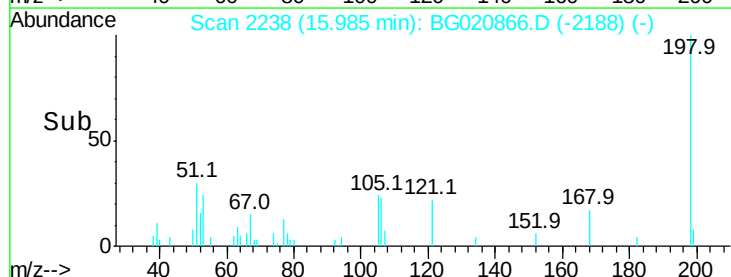
105 42.7 27.0 67.0

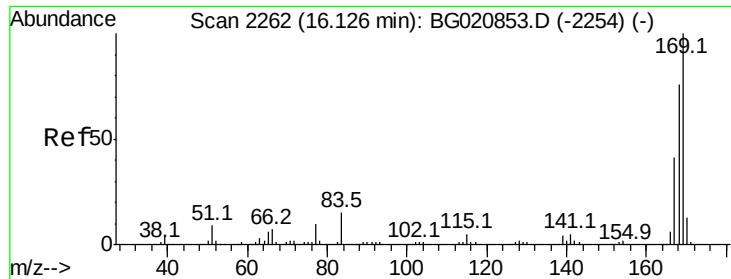


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

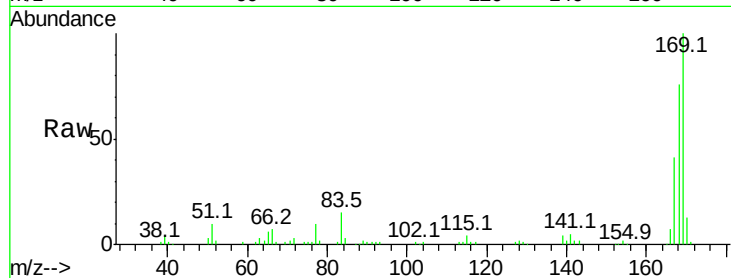




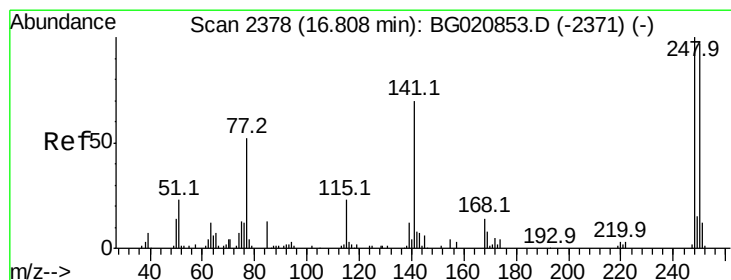
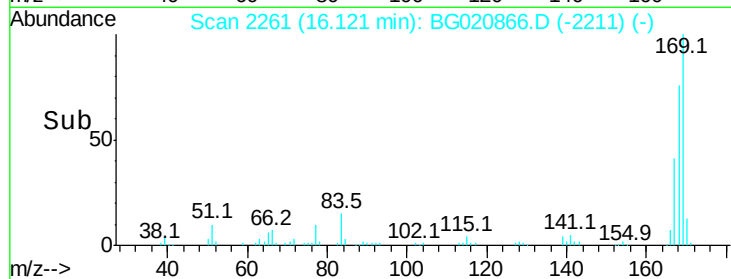
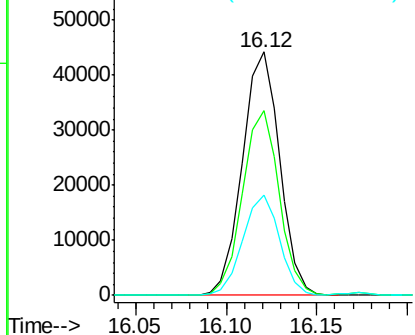
#65  
 n-Nitrosodiphenylamine  
 Concen: 14.40 ng  
 RT: 16.12 min Scan# 2261  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

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

Tot Ion:169 Resp: 63459  
 Ion Ratio Lower Upper  
 169 100  
 168 75.7 60.7 91.1  
 167 41.2 32.8 49.2

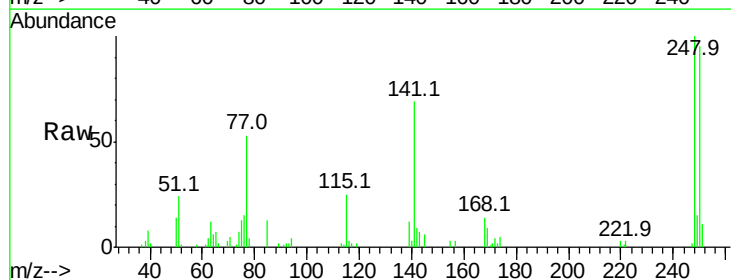


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

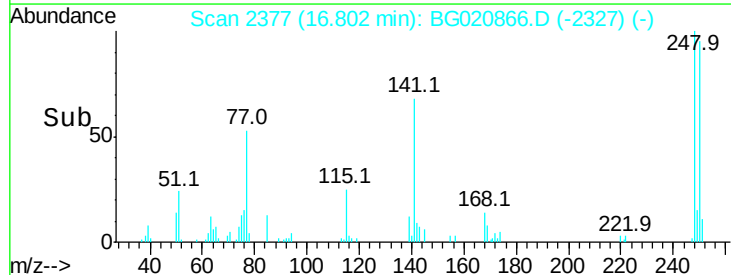
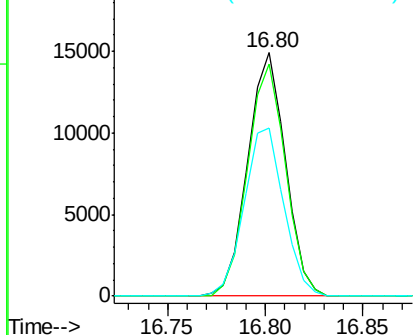


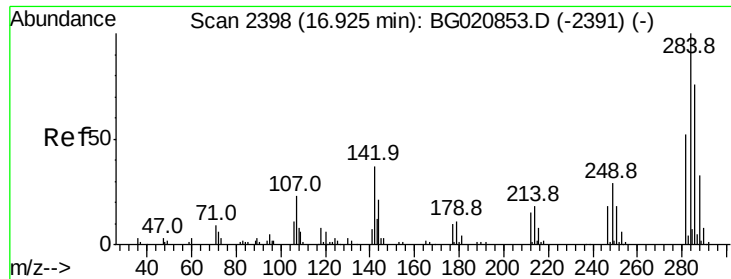
#66  
 4-Bromophenyl-phenylether  
 Concen: 13.84 ng  
 RT: 16.80 min Scan# 2377  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

Tgt Ion:248 Resp: 19941  
 Ion Ratio Lower Upper  
 248 100  
 250 95.2 77.4 116.2  
 141 69.1 55.7 83.5



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

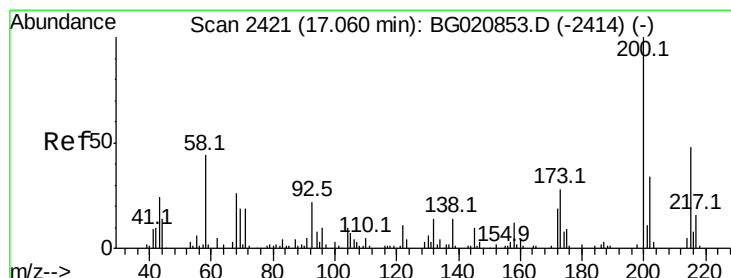
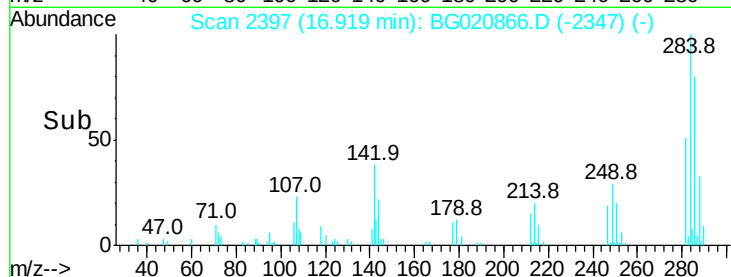
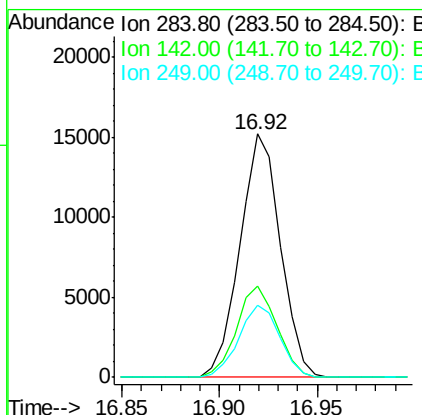
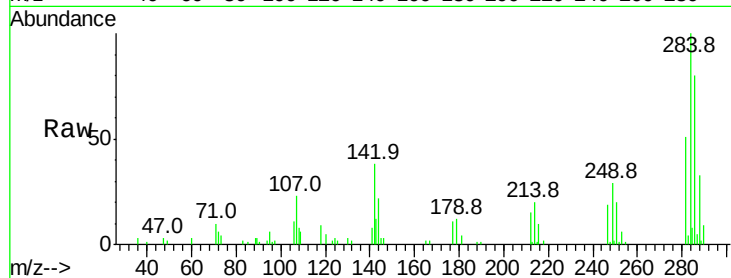




#67  
Hexachlorobenzene  
Concen: 14.20 ng  
RT: 16.92 min Scan# 2397  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

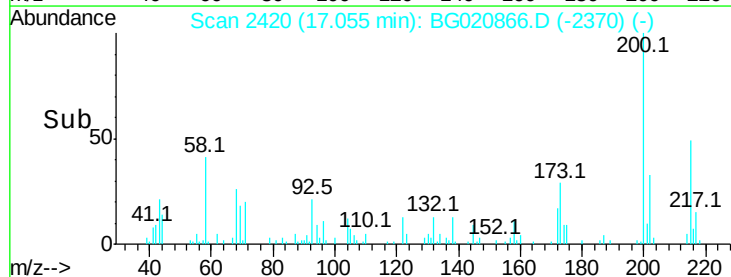
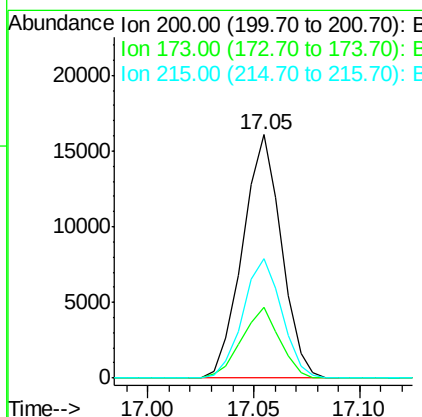
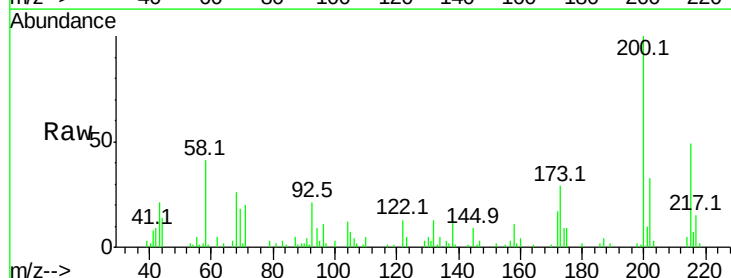
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

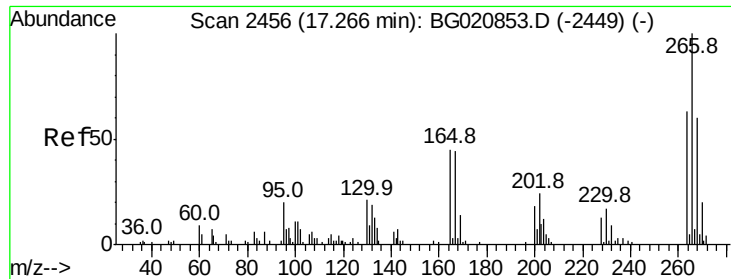
Tot Ion:284 Resp: 21765  
Ion Ratio Lower Upper  
284 100  
142 37.7 29.9 44.9  
249 29.5 23.3 34.9



#68  
Atrazine  
Concen: 15.33 ng  
RT: 17.05 min Scan# 2420  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

Tgt Ion:200 Resp: 20502  
Ion Ratio Lower Upper  
200 100  
173 29.1 8.4 48.4  
215 48.8 28.2 68.2





#69

Pentachlorophenol

Concen: 11.79 ng

RT: 17.26 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

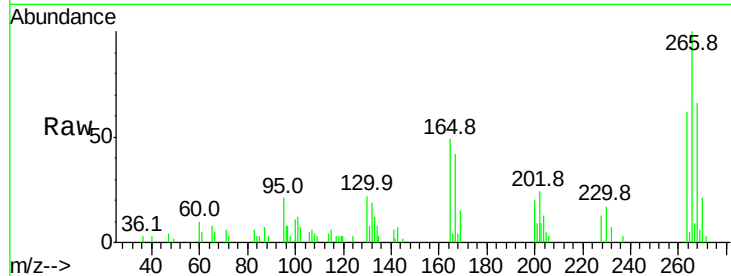
Tot Ion:266 Resp: 10357

Ion Ratio Lower Upper

266 100

268 65.9 47.8 71.6

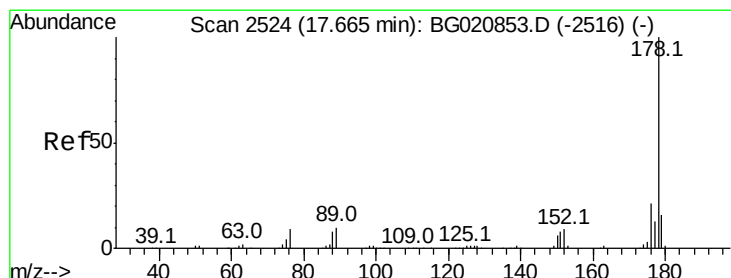
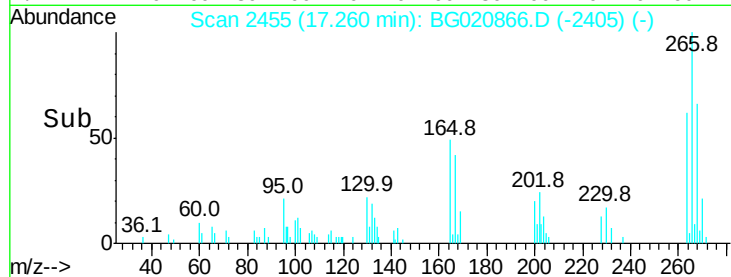
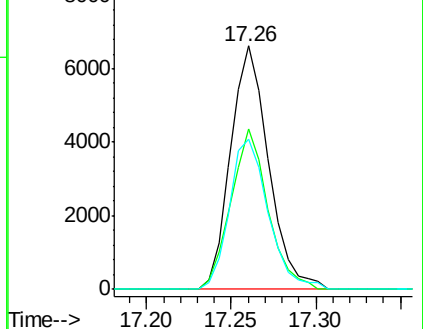
264 61.7 50.2 75.4



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: 14.59 ng

RT: 17.66 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

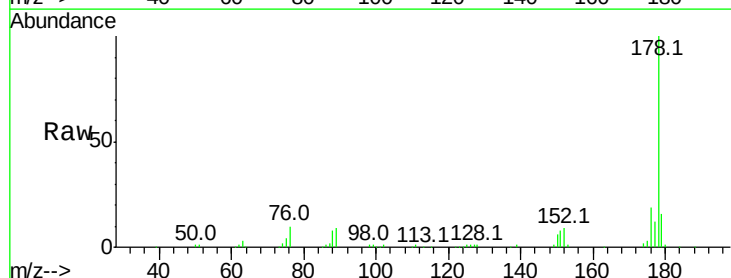
Tgt Ion:178 Resp: 113297

Ion Ratio Lower Upper

178 100

176 19.3 16.8 25.2

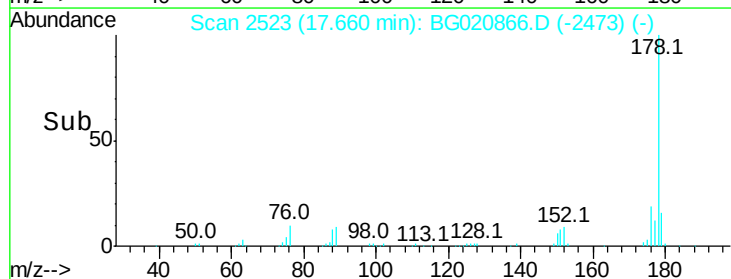
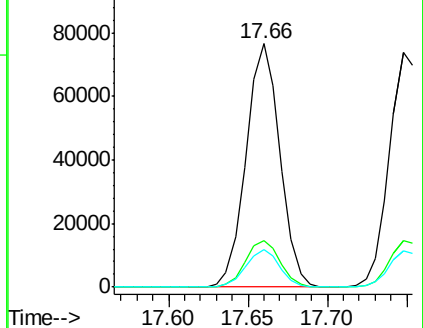
179 15.5 12.6 19.0

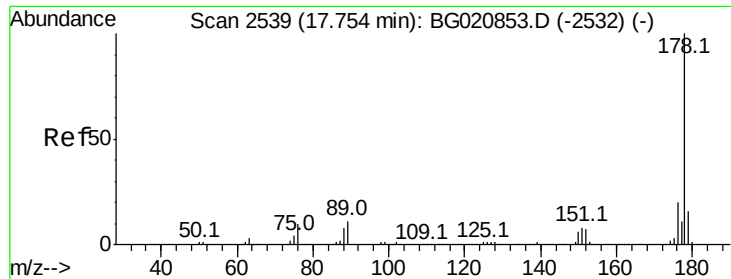


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

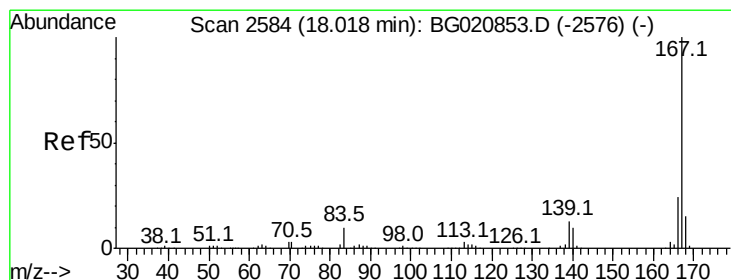
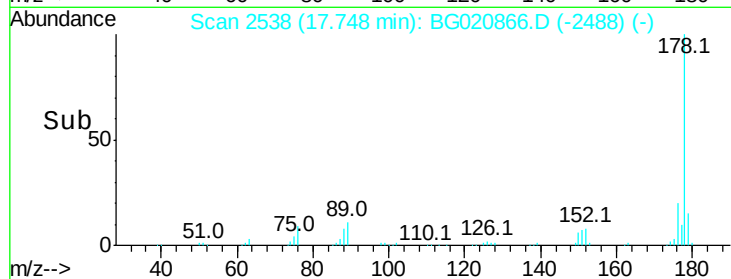
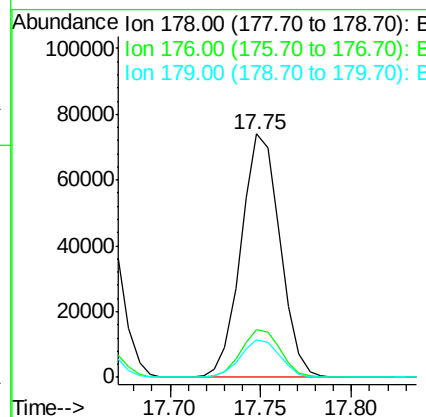
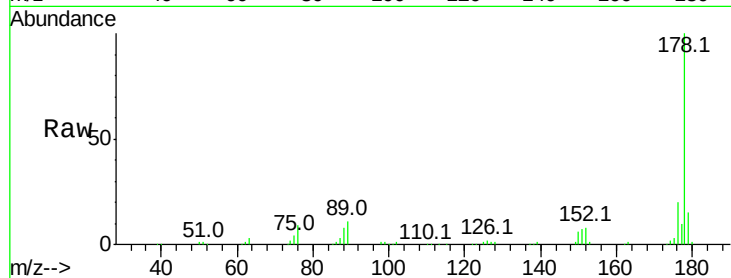




#71  
 Anthracene  
 Concen: 14.11 ng  
 RT: 17.75 min Scan# 2538  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

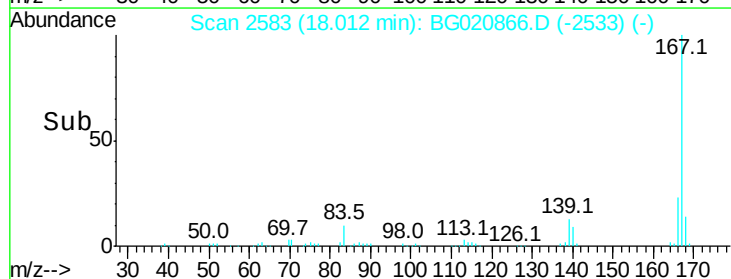
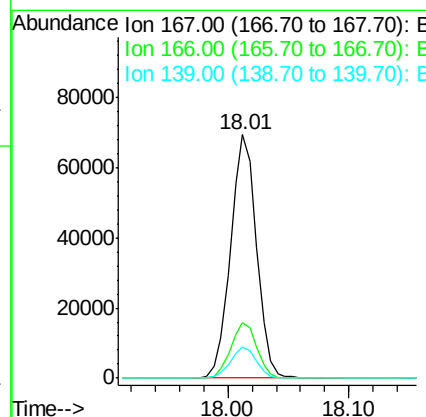
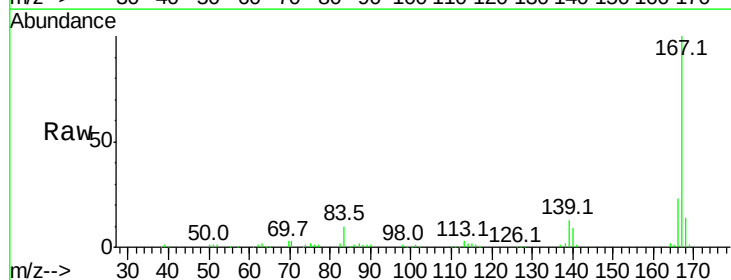
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

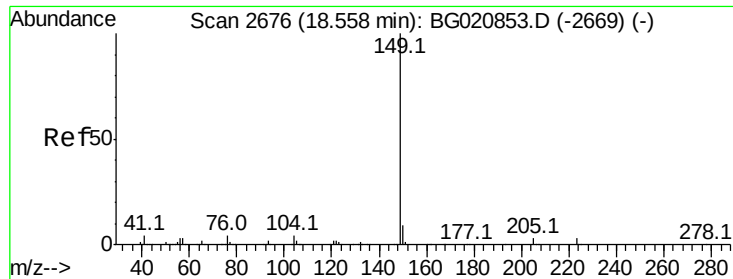
Tot Ion:178 Resp: 111182  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 16.2 24.4  
 179 15.3 12.7 19.1



#72  
 Carbazole  
 Concen: 14.59 ng  
 RT: 18.01 min Scan# 2583  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

Tgt Ion:167 Resp: 103194  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 19.3 28.9  
 139 13.0 10.2 15.4

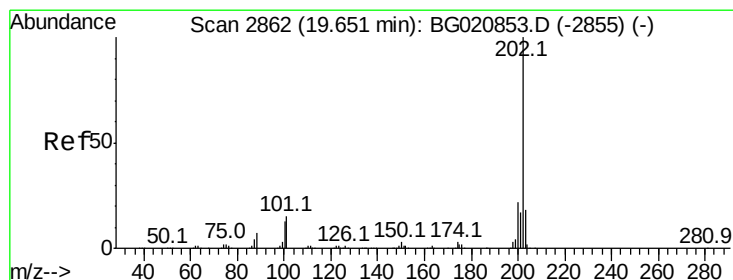
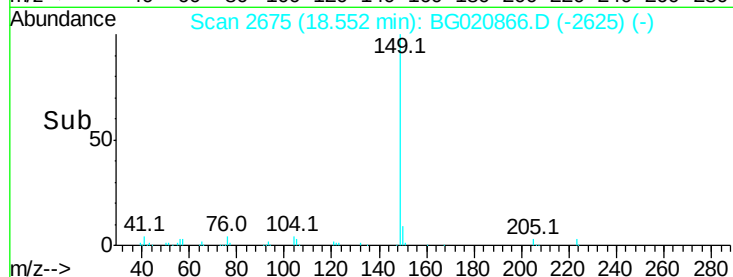
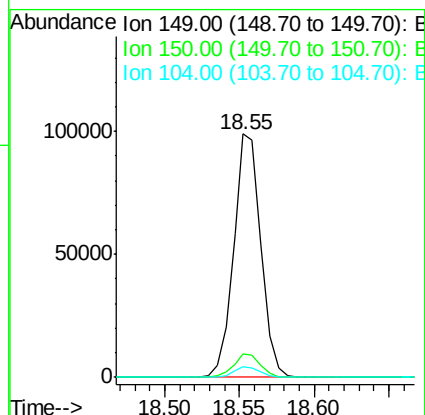
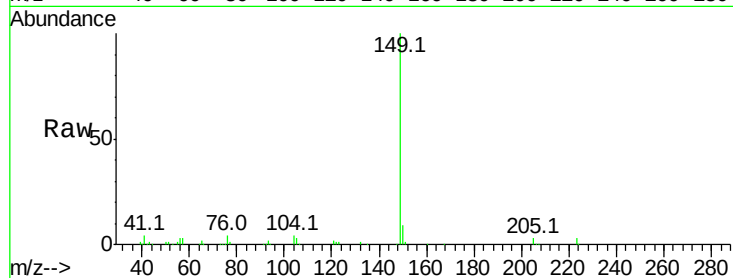




#73  
Di-n-butylphthalate  
Concen: 13.83 ng  
RT: 18.55 min Scan# 2675  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

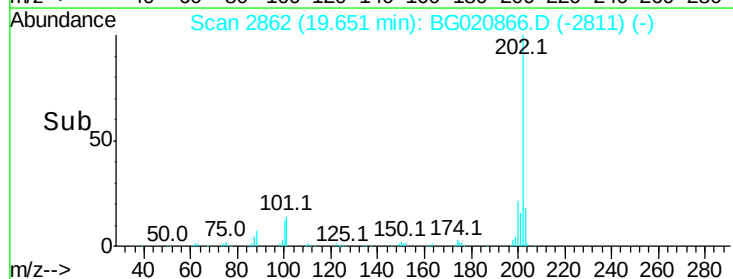
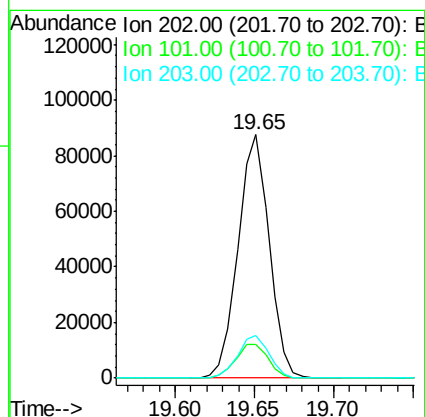
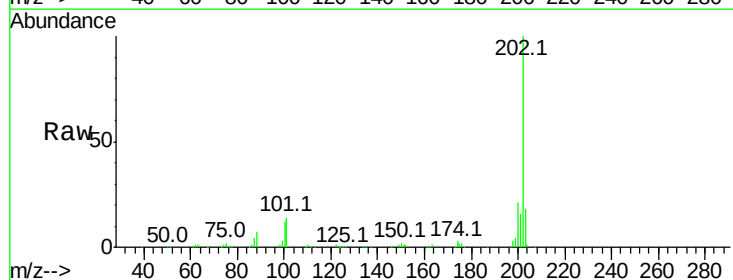
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

Tot Ion:149 Resp: 125428  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.6 11.4  
104 4.2 3.4 5.0

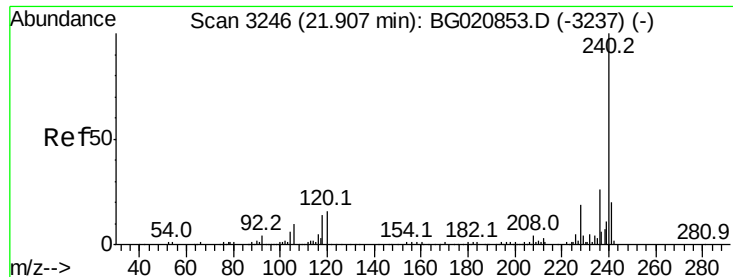


#74  
Fluoranthene  
Concen: 14.17 ng  
RT: 19.65 min Scan# 2862  
Delta R.T. 0.00 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

Tgt Ion:202 Resp: 118869  
Ion Ratio Lower Upper  
202 100  
101 13.6 0.0 35.3  
203 17.7 0.0 37.8







#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

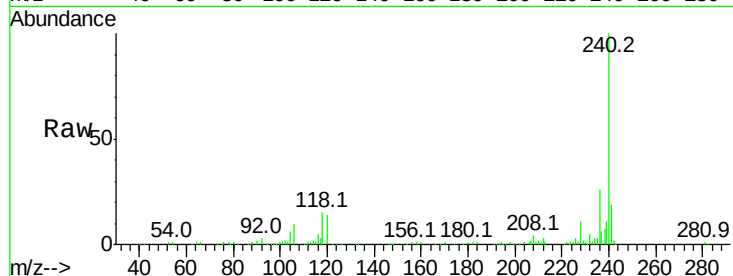
Tot Ion:240 Resp: 128388

Ion Ratio Lower Upper

240 100

120 14.4 13.0 19.4

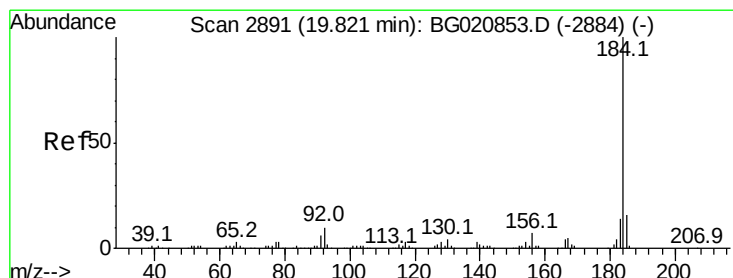
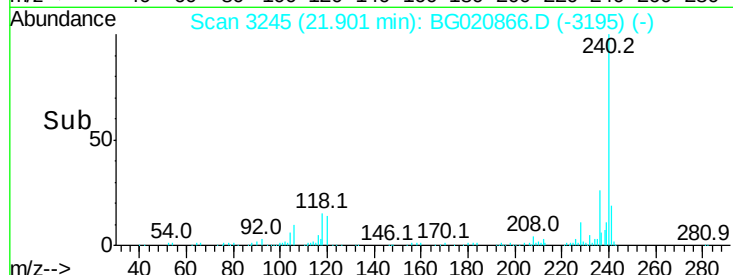
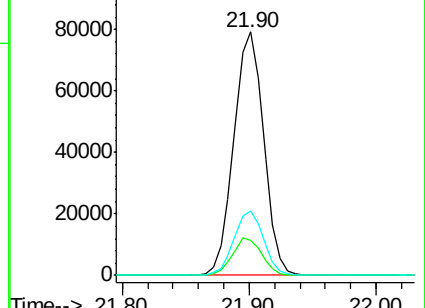
236 26.3 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.89 ng

RT: 19.82 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

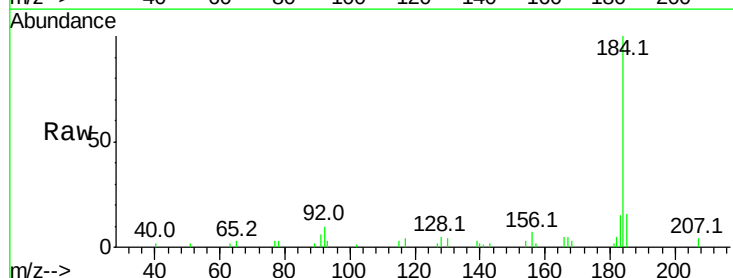
Tgt Ion:184 Resp: 16170

Ion Ratio Lower Upper

184 100

185 15.6 12.6 19.0

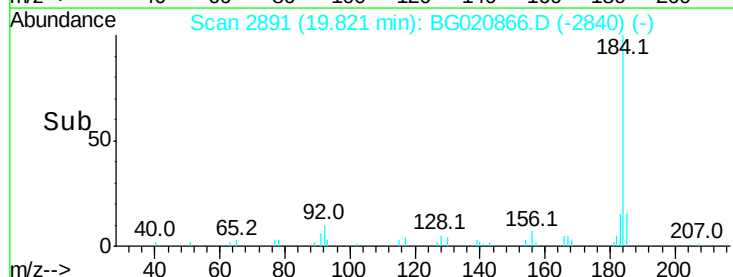
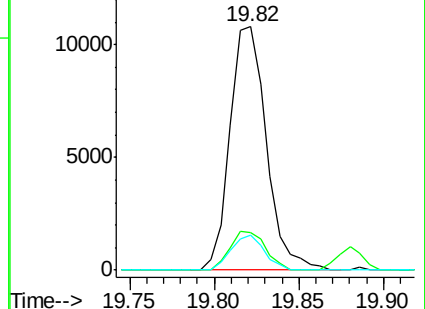
183 14.5 11.0 16.4

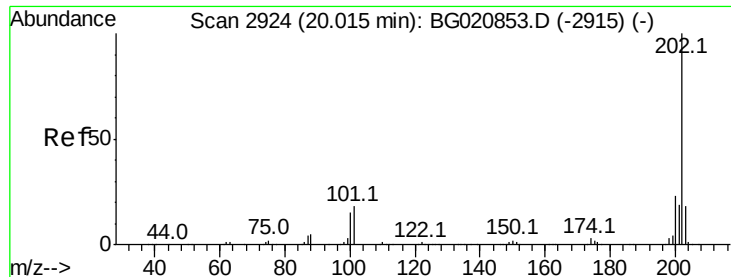


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

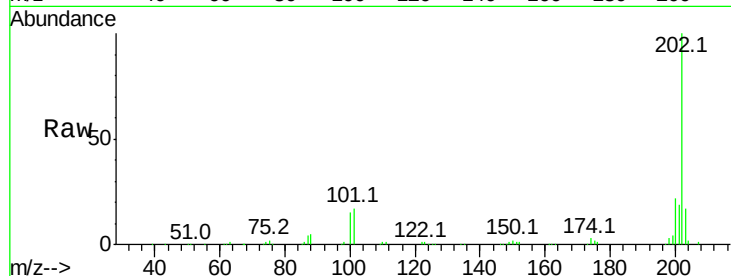




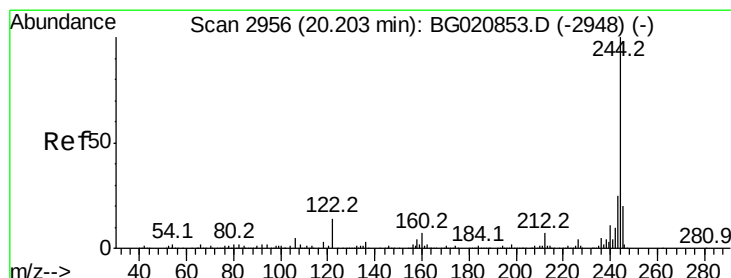
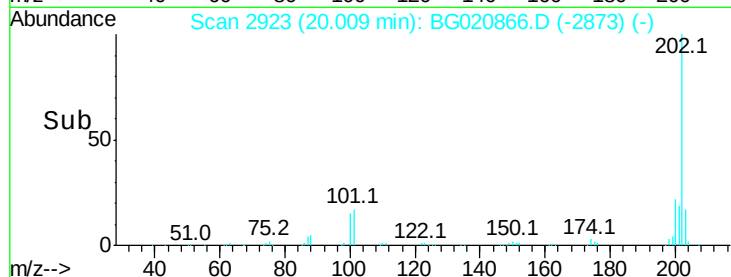
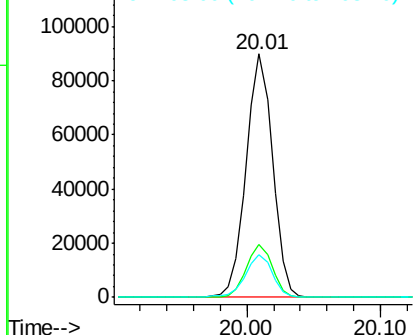
#77  
Pvrene  
Concen: 14.48 ng  
RT: 20.01 min Scan# 2923  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

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

Tot Ion:202 Resp: 122647  
Ion Ratio Lower Upper  
202 100  
200 22.0 18.5 27.7  
203 17.3 14.3 21.5

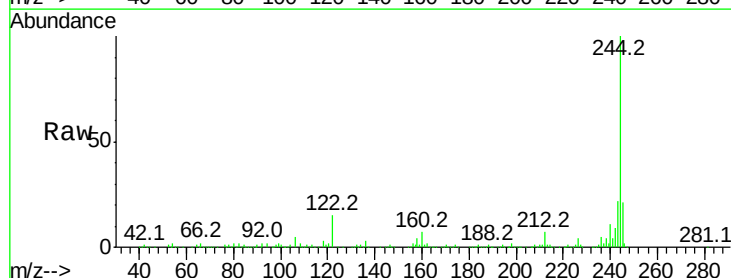


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

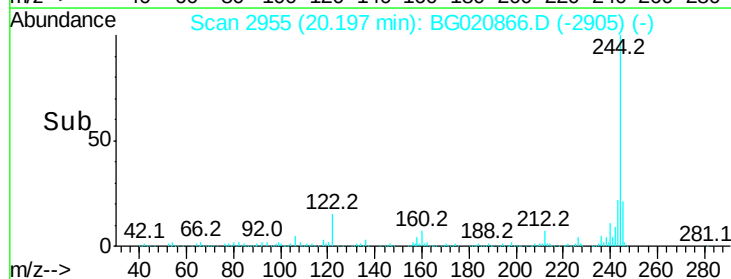
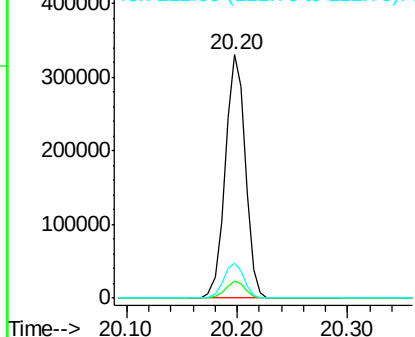


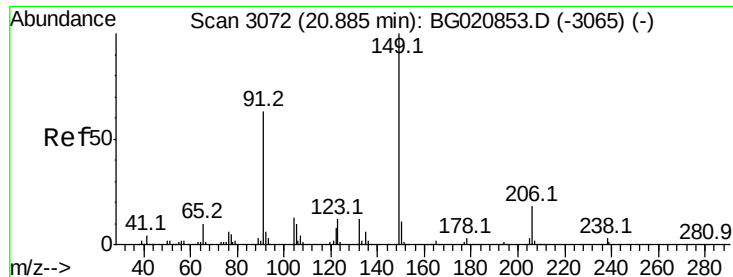
#78  
Terphenyl-d14  
Concen: 76.34 ng  
RT: 20.20 min Scan# 2955  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

Tgt Ion:244 Resp: 420130  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.5 8.3  
122 14.6 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E

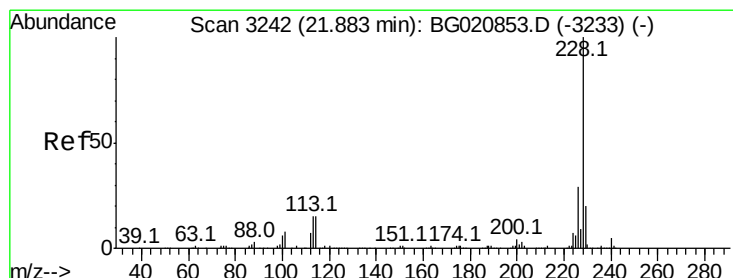
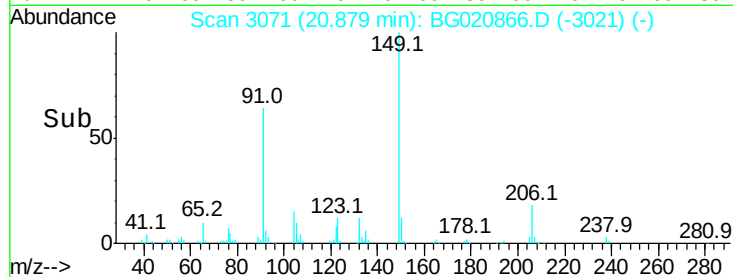
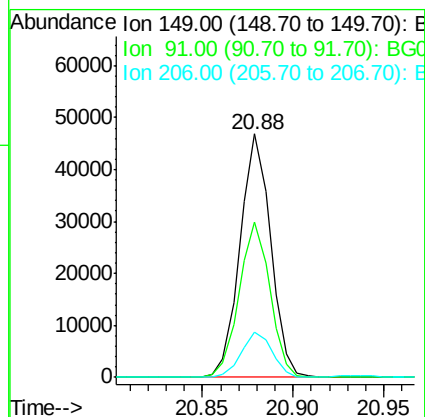
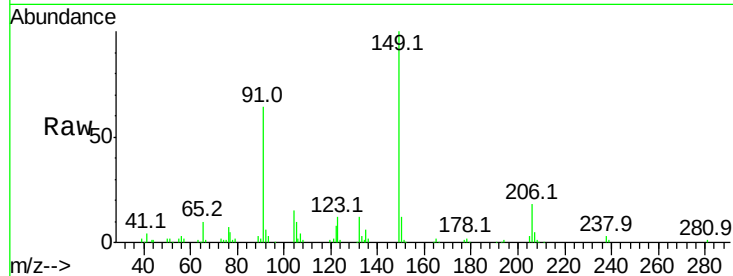




#79  
Butylbenzylphthalate  
Concen: 13.62 ng  
RT: 20.88 min Scan# 3071  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

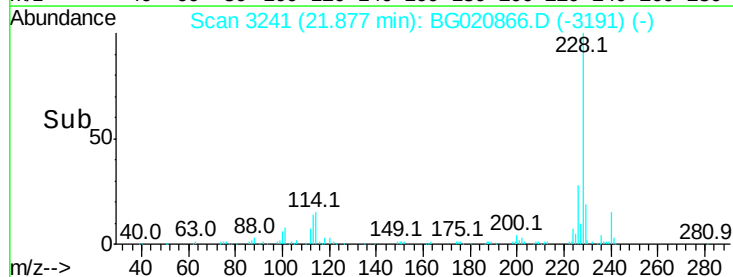
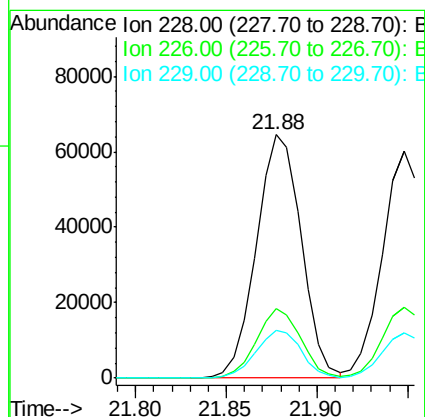
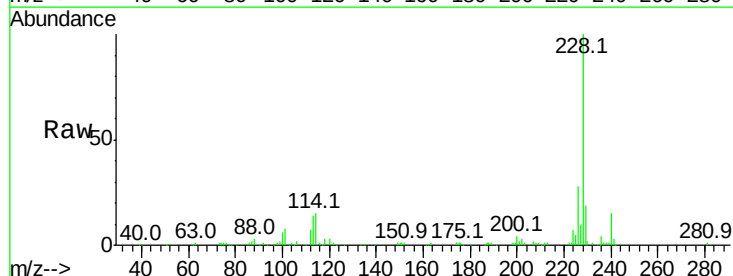
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-SOIL2016-02

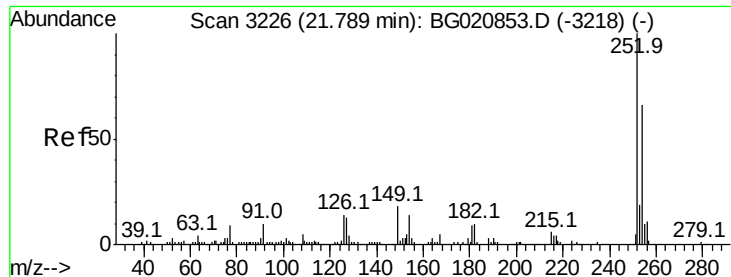
Tot Ion:149 Resp: 55207  
Ion Ratio Lower Upper  
149 100  
91 63.7 50.6 76.0  
206 18.4 14.6 22.0



#80  
Benzo(a)anthracene  
Concen: 14.49 ng  
RT: 21.88 min Scan# 3241  
Delta R.T. -0.01 min  
Lab File: BG020866.D  
Acq: 11 Feb 2016 21:25

Tgt Ion:228 Resp: 111039  
Ion Ratio Lower Upper  
228 100  
226 28.3 23.1 34.7  
229 19.4 16.2 24.2

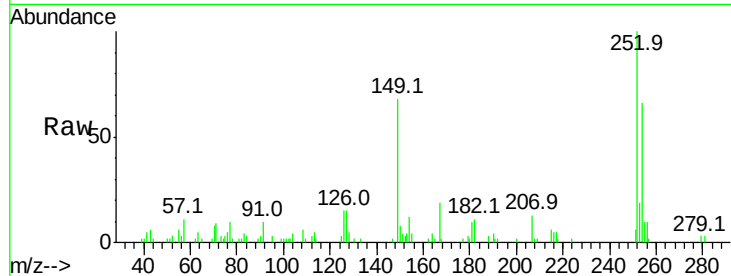




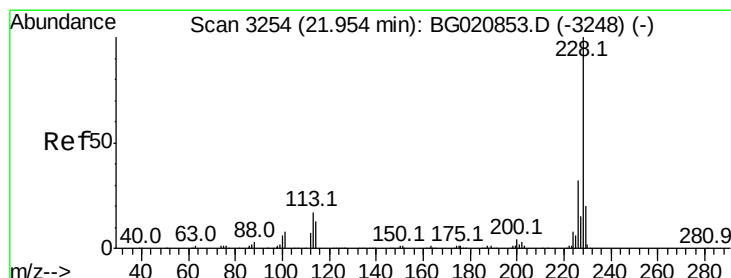
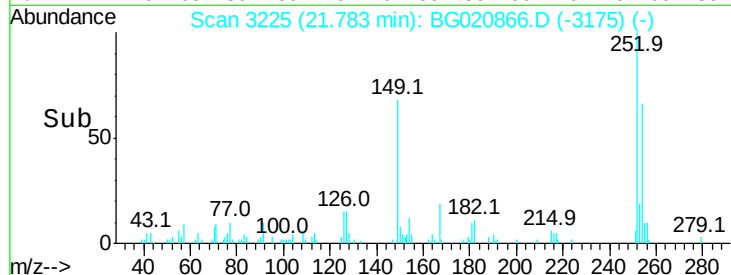
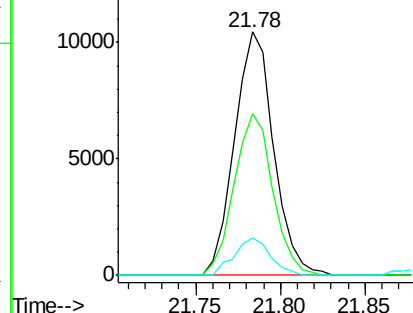
#81  
 3,3'-Dichlorobenzidine  
 Concen: 5.90 ng  
 RT: 21.78 min Scan# 3225  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

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

Tot Ion:252 Resp: 16791  
 Ion Ratio Lower Upper  
 252 100  
 254 66.2 52.8 79.2  
 126 15.3 11.1 16.7

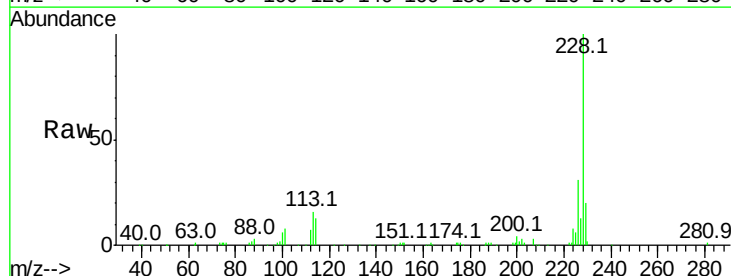


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

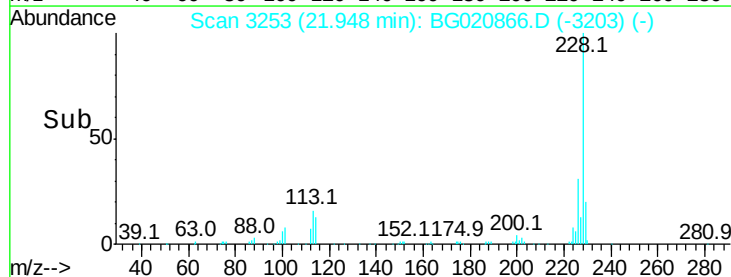
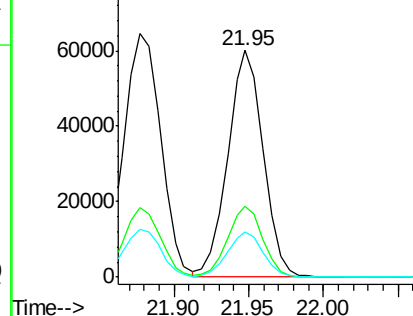


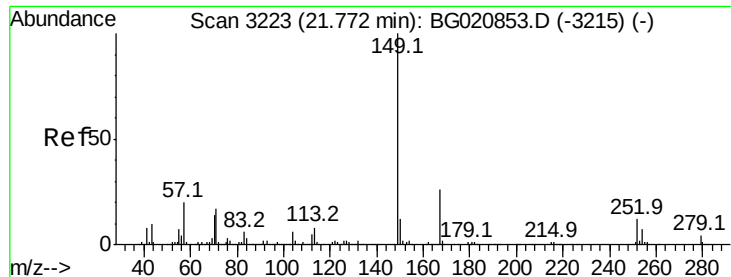
#82  
 Chrysene  
 Concen: 13.84 ng  
 RT: 21.95 min Scan# 3253  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

Tgt Ion:228 Resp: 99752  
 Ion Ratio Lower Upper  
 228 100  
 226 31.1 25.3 37.9  
 229 19.8 16.2 24.2



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

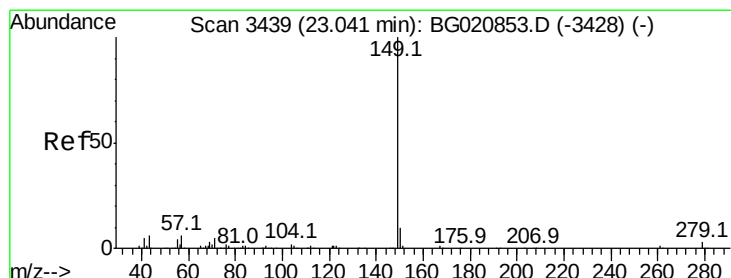
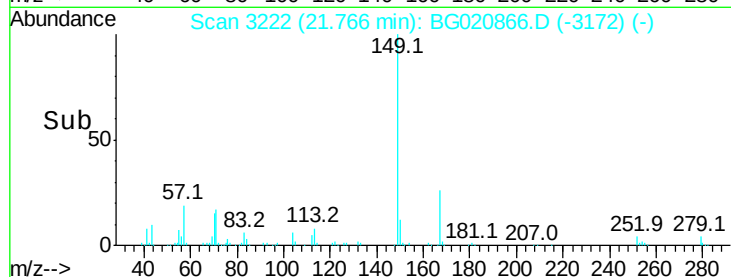
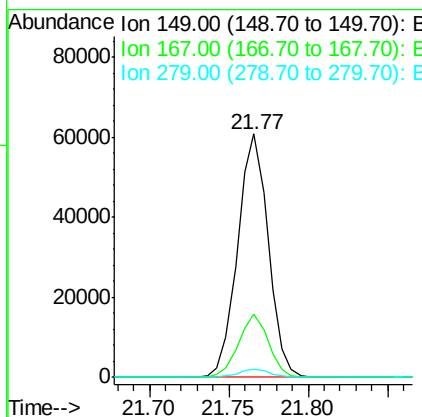
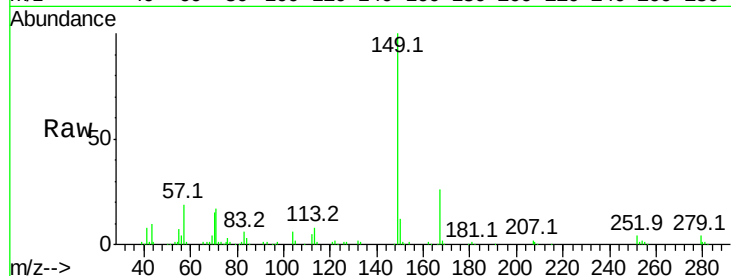




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 13.51 ng  
 RT: 21.77 min Scan# 3222  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

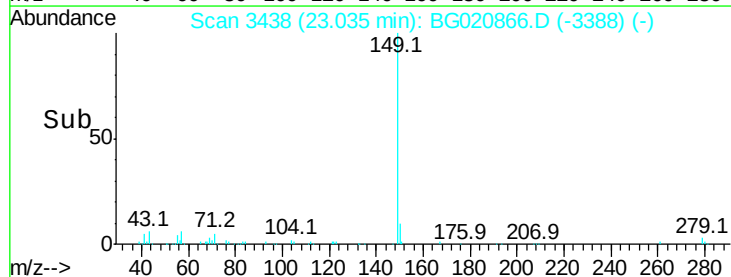
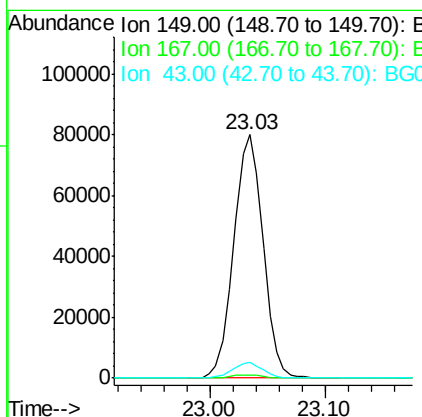
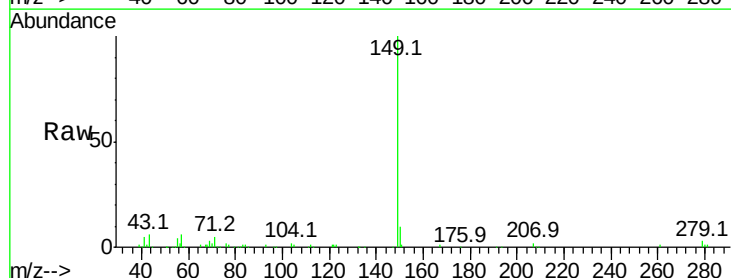
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

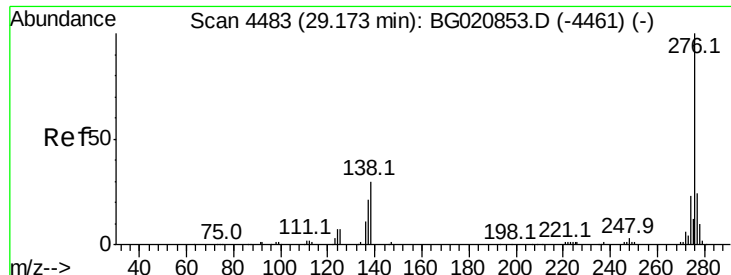
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 25.7  | 20.9  | 31.3  |
| 279     | 3.5   | 3.0   | 4.4   |



#84  
 Di-n-octyl phthalate  
 Concen: 14.20 ng  
 RT: 23.03 min Scan# 3438  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 6.5   | 5.1   | 7.7   |

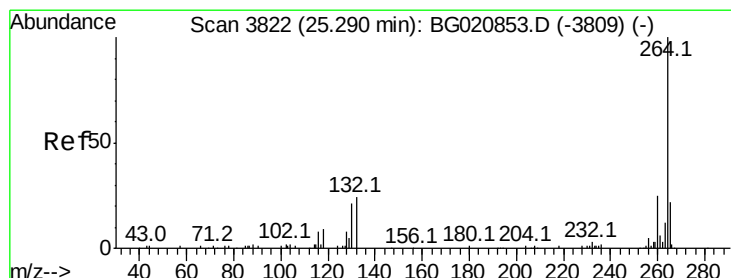
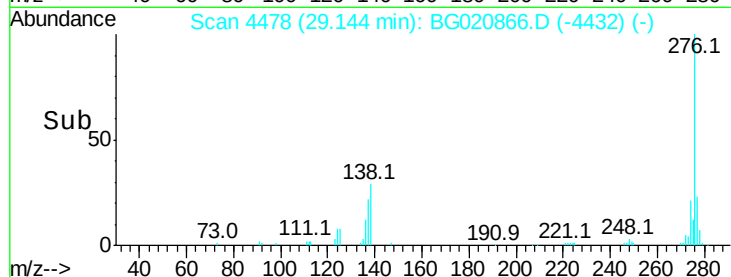
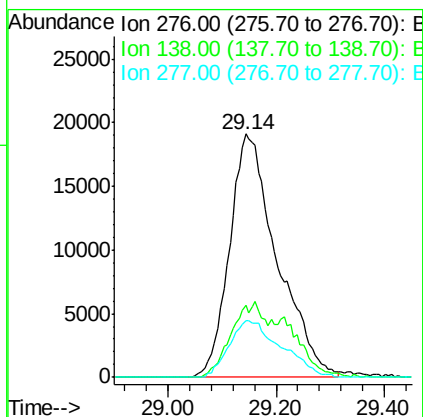
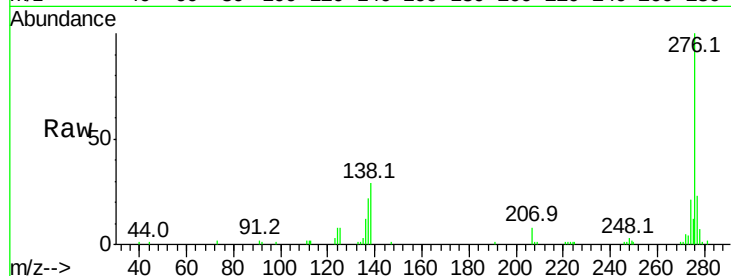




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 14.11 ng  
 RT: 29.14 min Scan# 4478  
 Delta R.T. -0.03 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

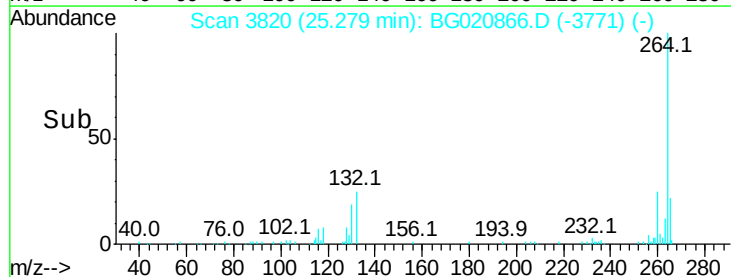
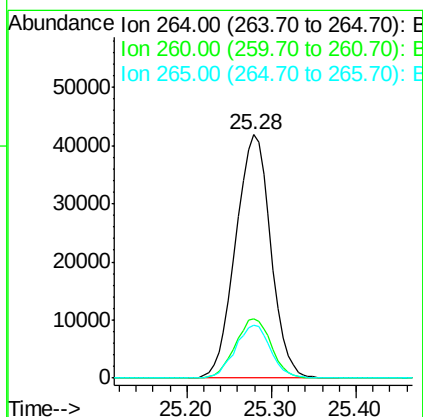
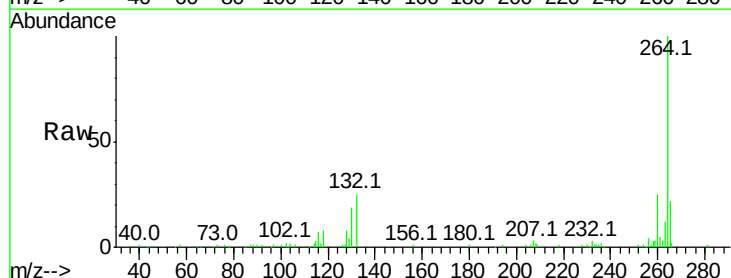
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-SOIL2016-02

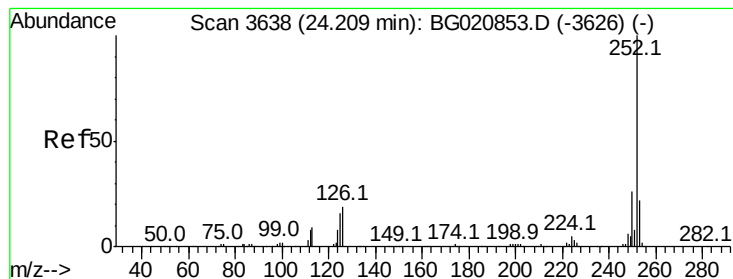
Tot Ion:276 Resp: 116969  
 Ion Ratio Lower Upper  
 276 100  
 138 12.6 20.1 30.1#  
 277 25.5 20.5 30.7



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.28 min Scan# 3820  
 Delta R.T. -0.01 min  
 Lab File: BG020866.D  
 Acq: 11 Feb 2016 21:25

Tgt Ion:264 Resp: 120789  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 19.9 29.9  
 265 21.8 18.0 27.0





#87

Benzo(b)fluoranthene

Concen: 14.29 ng

RT: 24.20 min Scan# 3636

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

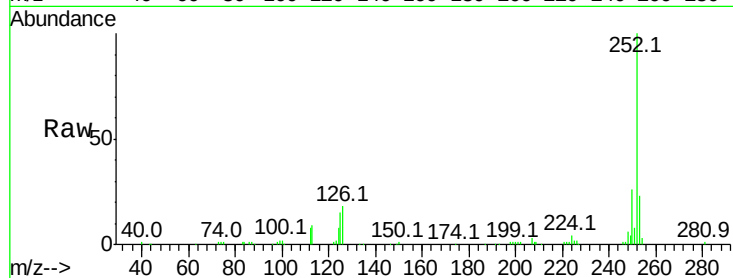
Tot Ion:252 Resp: 105633

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

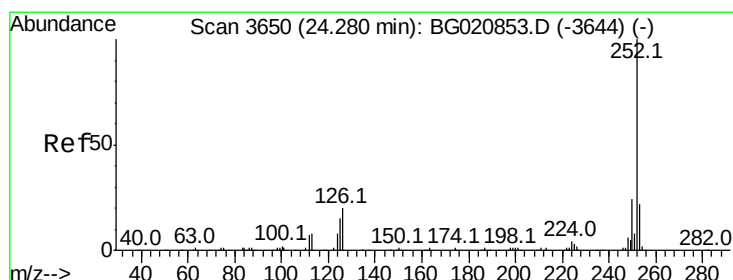
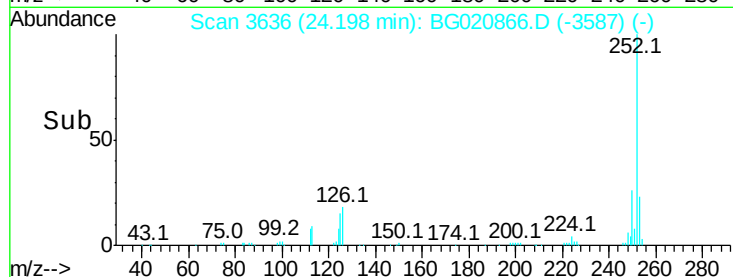
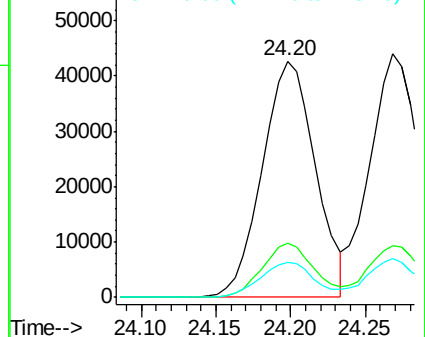
125 15.0 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 14.22 ng

RT: 24.27 min Scan# 3648

Delta R.T. -0.01 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

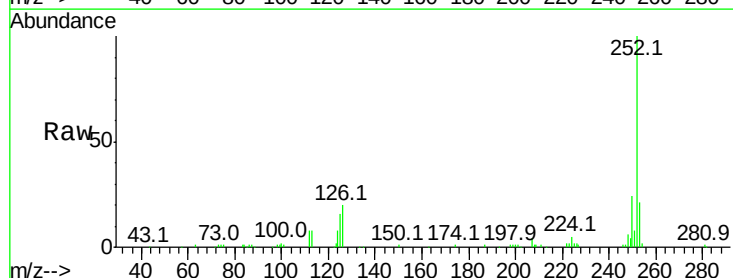
Tgt Ion:252 Resp: 103025

Ion Ratio Lower Upper

252 100

253 21.2 17.7 26.5

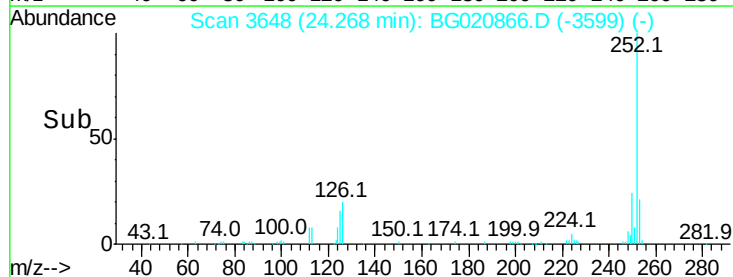
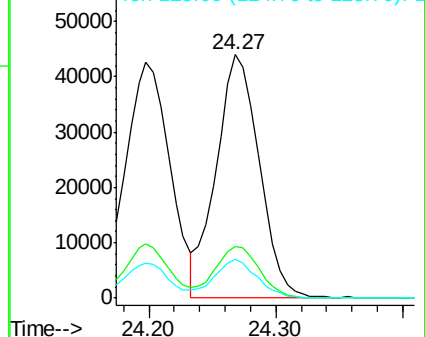
125 16.0 12.2 18.4

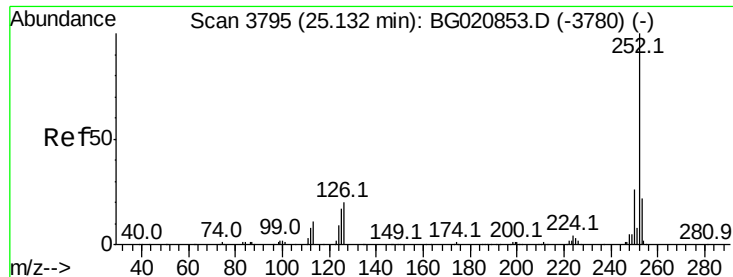


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 14.34 ng

RT: 25.11 min Scan# 3792

Delta R.T. -0.02 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

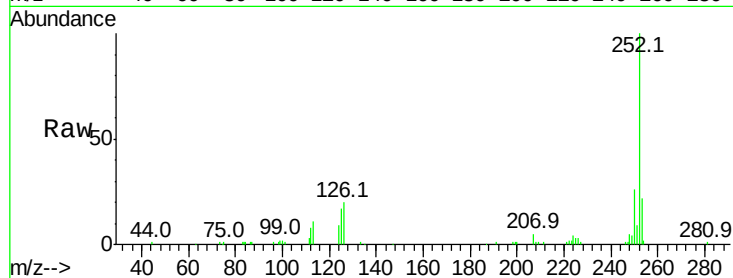
Tot Ion:252 Resp: 100978

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

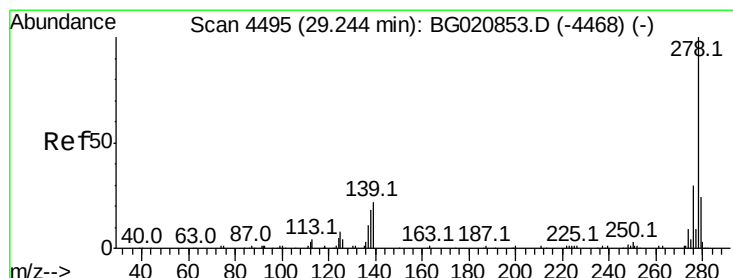
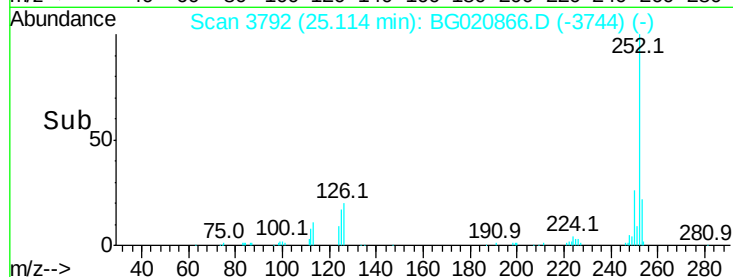
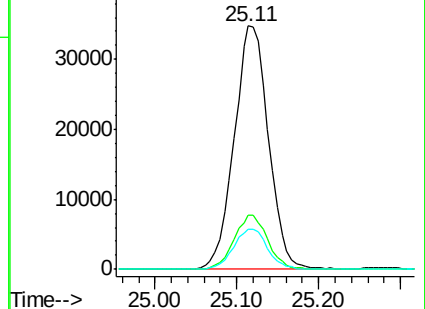
125 16.7 13.6 20.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 13.96 ng

RT: 29.22 min Scan# 4491

Delta R.T. -0.02 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

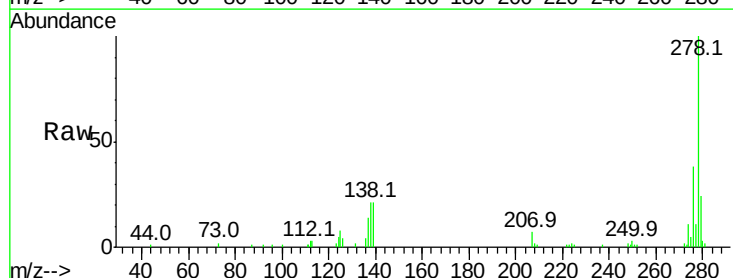
Tgt Ion:278 Resp: 95601

Ion Ratio Lower Upper

278 100

139 20.9 17.3 25.9

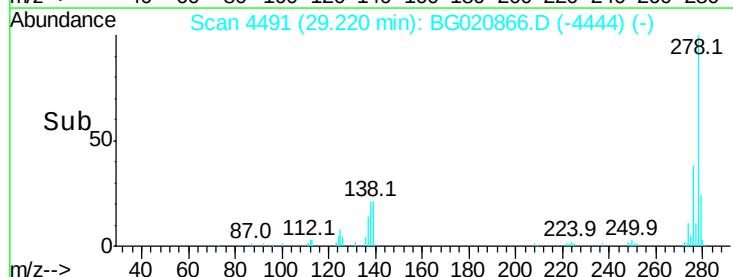
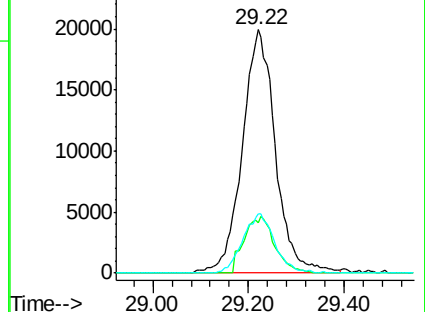
279 24.2 19.1 28.7



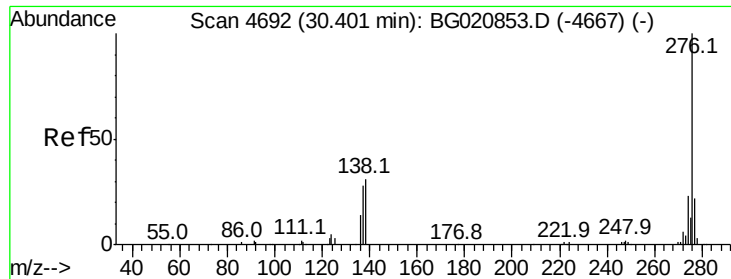
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E







#91

Benzo(a,h,i)perylene

Concen: 13.77 ng

RT: 30.36 min Scan# 4685

Delta R.T. -0.04 min

Lab File: BG020866.D

Acq: 11 Feb 2016 21:25

Instrument :

BNA\_G

ClientSampleId :

LOQ-SOIL2016-02

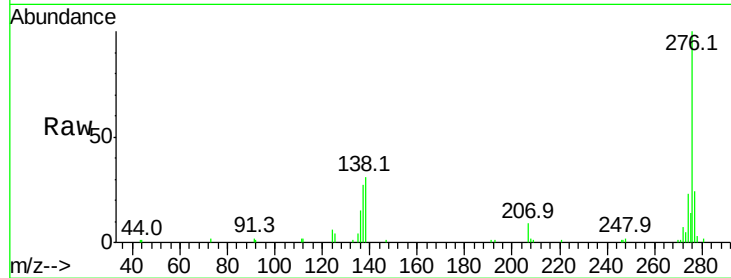
Tot Ion:276 Resp: 93592

Ion Ratio Lower Upper

276 100

277 23.8 17.6 26.4

138 31.3 25.2 37.8



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

