

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\  
 Data File : BF078769.D  
 Acq On : 24 Apr 2015 4:17  
 Operator : TP/IZ  
 Sample : G1979-01MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

Quant Time: Apr 24 05:04:34 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 24 04:11:59 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 5.76  | 152  | 25000    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.92  | 136  | 98985    | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 11.10 | 164  | 47662    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 13.83 | 188  | 97077    | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 17.71 | 240  | 99513    | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 19.41 | 264  | 107828   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 3.78  | 112 | 163862 | 108.07 | ng | 0.01 |
| 7) Phenol-d6             | 5.28  | 99  | 192682 | 101.40 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 6.70  | 82  | 141186 | 86.45  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 12.57 | 330 | 58276  | 147.43 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.93  | 172 | 297307 | 89.16  | ng | 0.00 |
| 78) Terphenyl-d14        | 16.38 | 244 | 342963 | 77.88  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.37 | 88  | 22127m | 32.27 | ng |        |
| 3) Pyridine                    | 1.86 | 79  | 57052  | 31.76 | ng | # 77   |
| 4) n-Nitrosodimethylamine      | 1.80 | 42  | 26699m | 38.62 | ng |        |
| 6) Aniline                     | 5.26 | 93  | 24511  | 9.10  | ng | # 86   |
| 8) 2-Chlorophenol              | 5.43 | 128 | 68551  | 38.23 | ng | 98     |
| 9) Benzaldehyde                | 5.07 | 77  | 6939   | 5.51  | ng | # 85   |
| 10) Phenol                     | 5.29 | 94  | 69771  | 30.64 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 5.39 | 93  | 66161  | 40.41 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 5.66 | 146 | 72642  | 36.88 | ng | # 91   |
| 13) 1,4-Dichlorobenzene        | 5.78 | 146 | 74863  | 37.76 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.02 | 146 | 71443  | 38.44 | ng | 96     |
| 15) Benzyl Alcohol             | 6.04 | 79  | 57202  | 42.84 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.28 | 45  | 85129  | 38.98 | ng | 66     |
| 17) 2-Methylphenol             | 6.27 | 107 | 53181  | 38.20 | ng | # 92   |
| 18) Hexachloroethane           | 6.56 | 117 | 25258  | 37.78 | ng | # 79   |
| 19) n-Nitroso-di-n-propylamine | 6.49 | 70  | 50748  | 40.48 | ng | # 90   |
| 20) 3+4-Methylphenols          | 6.55 | 107 | 67092  | 36.13 | ng | 98     |
| 22) Acetophenone               | 6.46 | 105 | 99575  | 43.17 | ng | # 90   |
| 24) Nitrobenzene               | 6.73 | 77  | 70514  | 41.30 | ng | 88     |
| 25) Isophorone                 | 7.16 | 82  | 130412 | 42.08 | ng | 99     |
| 26) 2-Nitrophenol              | 7.28 | 139 | 32449  | 39.89 | ng | # 86   |
| 27) 2,4-Dimethylphenol         | 7.44 | 122 | 62690  | 41.44 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 7.60 | 93  | 80287  | 40.40 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.74 | 162 | 57893  | 42.06 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 7.84 | 180 | 62380  | 39.53 | ng | 99     |
| 31) Naphthalene                | 7.95 | 128 | 212834 | 41.31 | ng | 99     |
| 32) Benzoic acid               | 7.70 | 122 | 30447  | 43.42 | ng | 91     |
| 33) 4-Chloroaniline            | 8.12 | 127 | 38917  | 18.20 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.20 | 225 | 35219  | 40.65 | ng | 97     |
| 35) Caprolactam                | 8.75 | 113 | 14309  | 34.83 | ng | # 89   |
| 36) 4-Chloro-3-methylphenol    | 9.08 | 107 | 63961  | 46.06 | ng | 92     |
| 37) 2-Methylnaphthalene        | 9.21 | 142 | 142649 | 40.78 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.52 | 216 | 61186  | 41.43 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.51 | 237 | 21537  | 37.81 | ng | 98     |

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 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

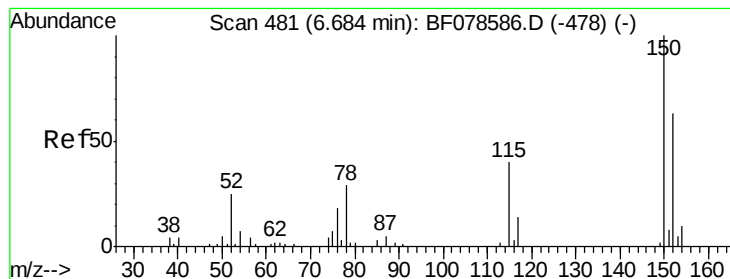
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

Quant Time: Apr 24 05:04:34 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 24 04:11:59 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.78  | 196  | 41333    | 44.38 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.86  | 196  | 43876    | 45.09 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 10.09 | 154  | 166571   | 42.73 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 10.09 | 162  | 128697   | 41.96 | nq    | 96       |
| 47) 2-Nitroaniline             | 10.34 | 65   | 38797    | 51.12 | nq    | # 76     |
| 48) Acenaphthylene             | 10.83 | 152  | 208166   | 42.03 | nq    | 100      |
| 49) Dimethylphthalate          | 10.74 | 163  | 164843   | 46.04 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 10.83 | 165  | 31831    | 43.21 | nq    | # 44     |
| 51) Acenaphthene               | 11.17 | 154  | 123194   | 44.18 | nq    | 97       |
| 52) 3-Nitroaniline             | 11.11 | 138  | 21837    | 26.07 | nq    | # 90     |
| 53) 2,4-Dinitrophenol          | 11.35 | 184  | 3309     | 22.25 | nq    | # 86     |
| 54) Dibenzofuran               | 11.49 | 168  | 191701   | 45.01 | nq    | 98       |
| 55) 4-Nitrophenol              | 11.55 | 139  | 37650    | 61.69 | nq    | # 66     |
| 56) 2,4-Dinitrotoluene         | 11.57 | 165  | 42477    | 44.52 | nq    | # 69     |
| 57) Fluorene                   | 12.11 | 166  | 158494   | 45.90 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.76 | 232  | 30423    | 42.17 | nq    | # 98     |
| 59) Diethylphthalate           | 12.06 | 149  | 156361   | 45.29 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 12.18 | 204  | 70500    | 44.39 | nq    | # 86     |
| 61) 4-Nitroaniline             | 12.24 | 138  | 32654    | 38.56 | nq    | 97       |
| 62) Azobenzene                 | 12.47 | 77   | 150220   | 47.67 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 12.32 | 198  | 4819     | 16.78 | nq    | 82       |
| 65) n-Nitrosodiphenylamine     | 12.42 | 169  | 133031   | 39.62 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 13.07 | 248  | 43175    | 42.00 | nq    | 93       |
| 67) Hexachlorobenzene          | 13.12 | 284  | 44415    | 39.42 | nq    | 99       |
| 68) Atrazine                   | 13.50 | 200  | 46365    | 47.67 | nq    | 98       |
| 69) Pentachlorophenol          | 13.53 | 266  | 29961    | 61.91 | nq    | 98       |
| 70) Phenanthrene               | 13.87 | 178  | 229291   | 40.83 | nq    | 100      |
| 71) Anthracene                 | 13.97 | 178  | 237119   | 42.85 | nq    | 99       |
| 72) Carbazole                  | 14.31 | 167  | 224643   | 43.32 | nq    | 100      |
| 73) Di-n-butylphthalate        | 14.99 | 149  | 269226   | 45.83 | nq    | 99       |
| 74) Fluoranthene               | 15.77 | 202  | 252246   | 42.59 | nq    | 97       |
| 76) Benzidine                  | 16.05 | 184  | 61304    | 16.00 | nq    | 100      |
| 77) Pyrene                     | 16.09 | 202  | 241265   | 38.62 | nq    | 97       |
| 79) Butylbenzylphthalate       | 17.09 | 149  | 124276   | 52.20 | nq    | 89       |
| 80) Benzo(a)anthracene         | 17.70 | 228  | 242287   | 40.92 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 17.71 | 252  | 59242    | 29.88 | nq    | # 96     |
| 82) Chrysene                   | 17.75 | 228  | 231942   | 41.69 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 17.85 | 149  | 209358   | 56.06 | nq    | # 97     |
| 84) Di-n-octyl phthalate       | 18.63 | 149  | 328805   | 53.62 | nq    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 20.55 | 276  | 280566   | 44.45 | nq    | # 88     |
| 87) Benzo(b)fluoranthene       | 18.98 | 252  | 268379   | 40.27 | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 19.02 | 252  | 214096m  | 36.15 | nq    |          |
| 89) Benzo(a)pyrene             | 19.35 | 252  | 240988   | 41.44 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 20.56 | 278  | 231775   | 39.80 | nq    | # 96     |
| 91) Benzo(g,h,i)perylene       | 20.86 | 276  | 225693   | 38.66 | nq    | 95       |

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



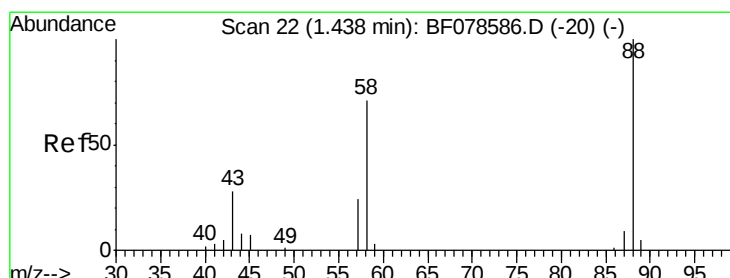
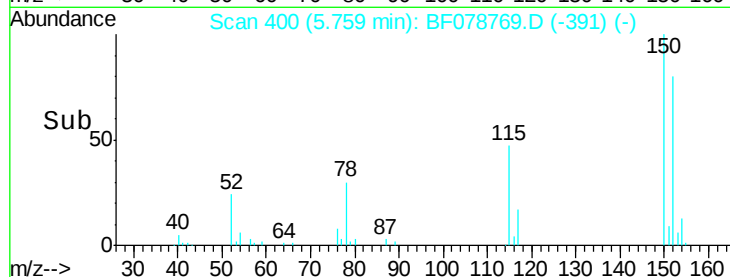
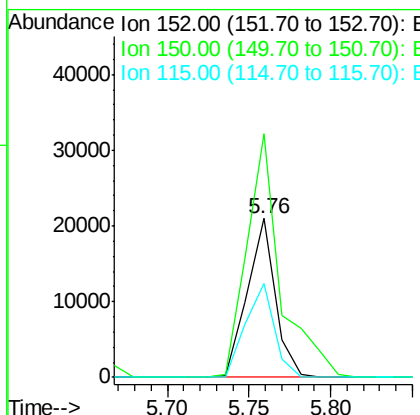
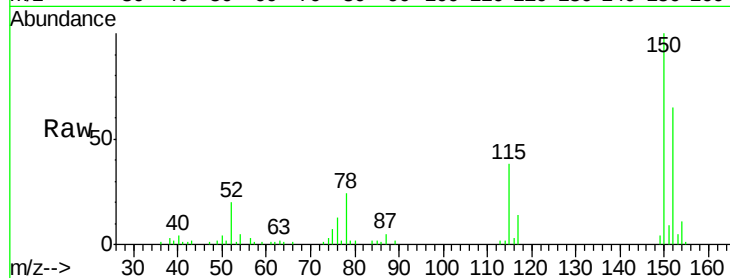


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 5.76 min Scan# 400  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Instrument :  
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SOIL-PITMS

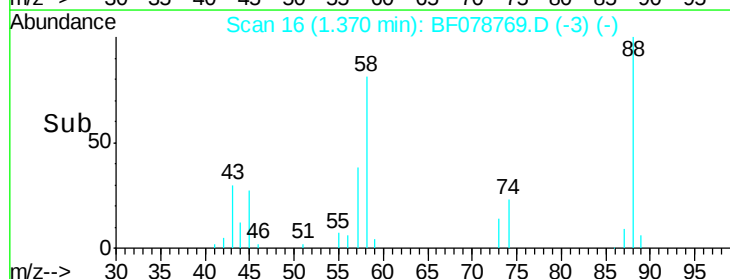
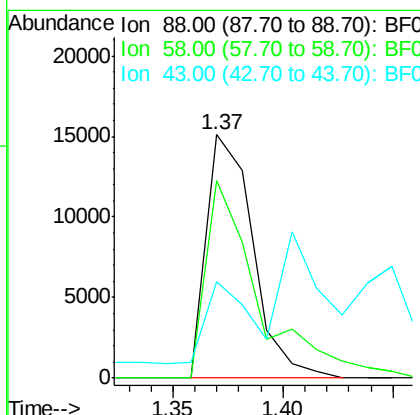
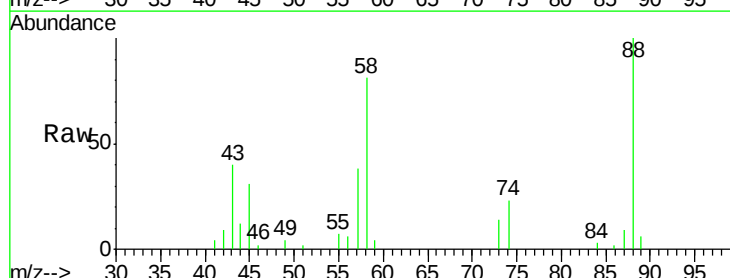
Tot Ion:152 Resp: 25000  
Ion Ratio Lower Upper  
152 100  
150 153.4 125.9 188.9  
115 58.8 52.7 79.1

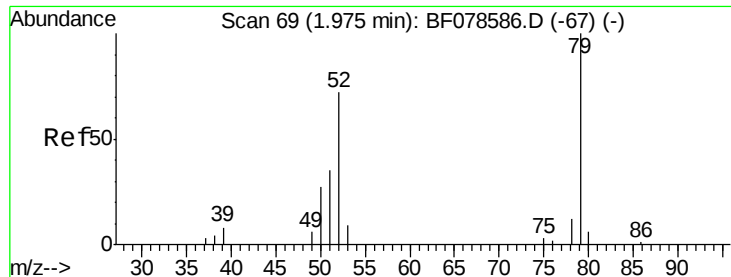


#2

1,4-Dioxane  
Concen: 32.27 ng m  
RT: 1.37 min Scan# 16  
Delta R.T. 0.05 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Tgt Ion: 88 Resp: 22127  
Ion Ratio Lower Upper  
88 100  
58 64.3 56.9 85.3  
43 0.0 21.4 32.2#





#3

Pvridine

Concen: 31.76 ng

RT: 1.86 min Scan# 59

Delta R.T. 0.05 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

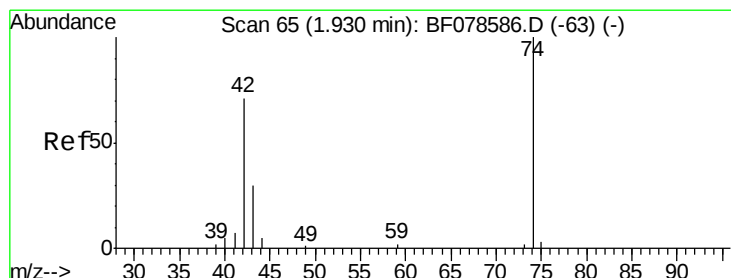
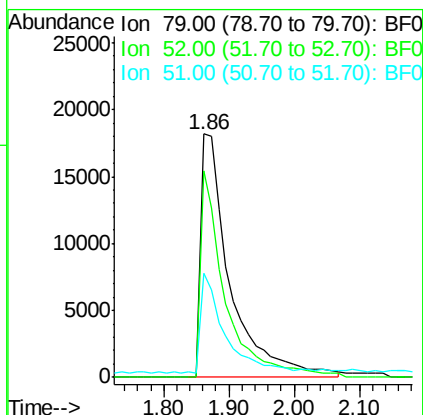
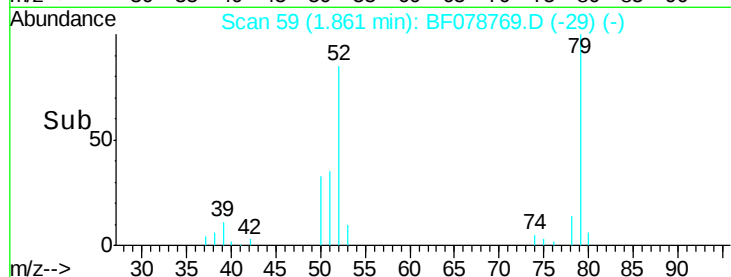
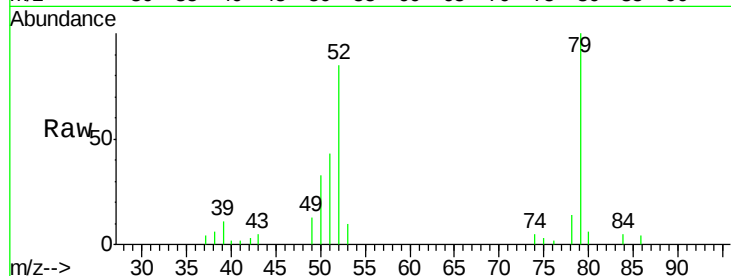
Tot Ion: 79 Resp: 57052

Ion Ratio Lower Upper

79 100

52 84.6 52.4 78.6#

51 42.9 24.9 37.3#



#4

n-Nitrosodimethylamine

Concen: 38.62 ng m

RT: 1.80 min Scan# 54

Delta R.T. 0.03 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

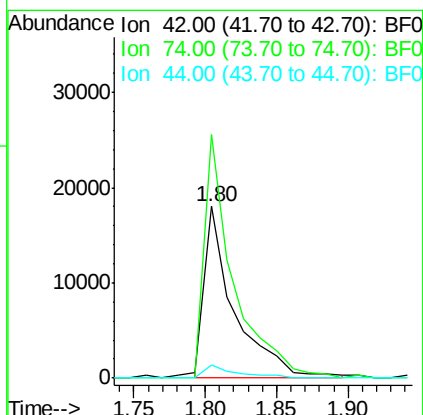
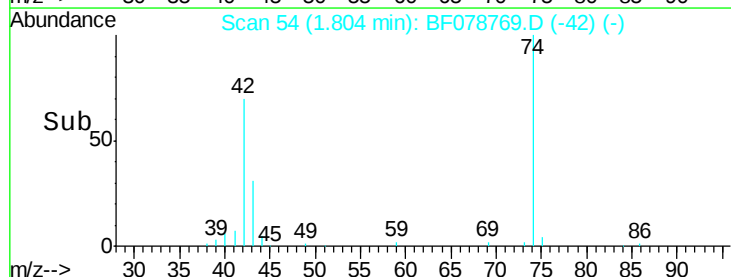
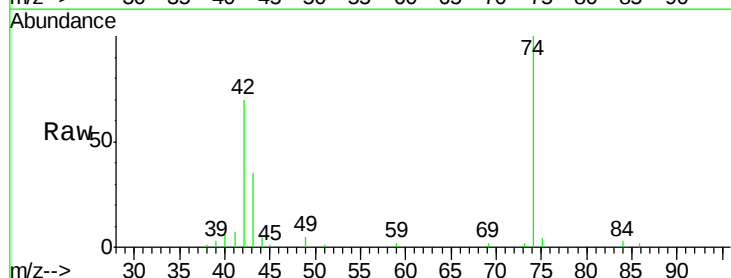
Tgt Ion: 42 Resp: 26699

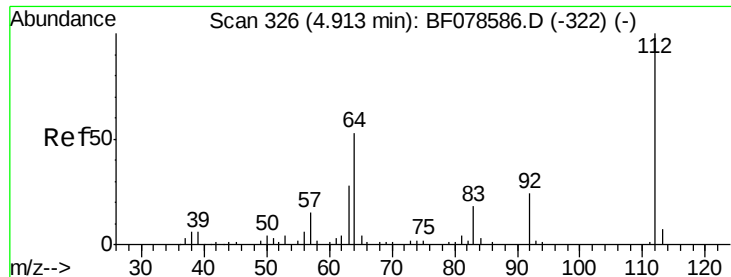
Ion Ratio Lower Upper

42 100

74 141.9 118.7 178.1

44 7.5 5.9 8.9





#5

2-Fluorophenol

Concen: 108.07 ng

RT: 3.78 min Scan# 227

Delta R.T. 0.01 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

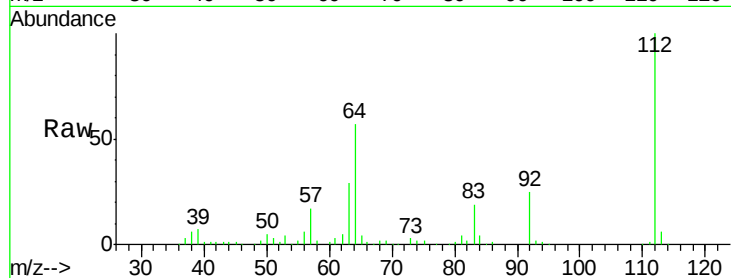
Tot Ion:112 Resp: 163862

Ion Ratio Lower Upper

112 100

64 56.9 39.9 59.9

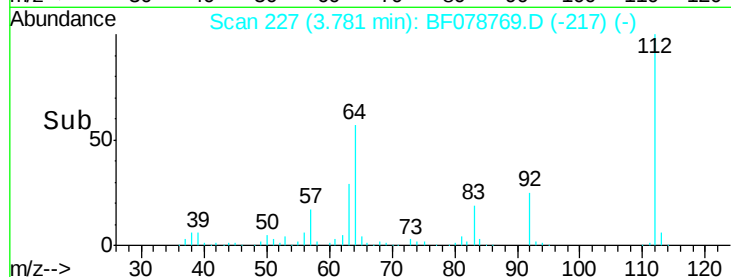
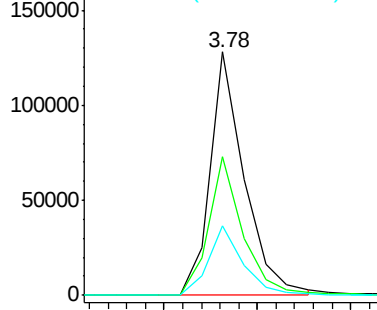
63 28.8 20.2 30.4



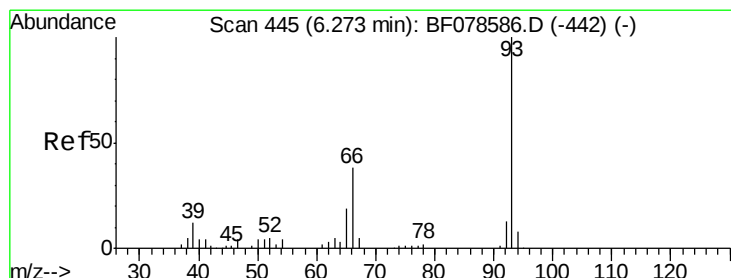
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 9.10 ng

RT: 5.26 min Scan# 356

Delta R.T. 0.01 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

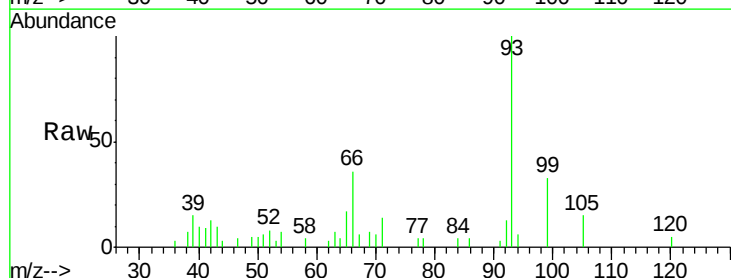
Tgt Ion: 93 Resp: 24511

Ion Ratio Lower Upper

93 100

66 35.6 38.0 57.0#

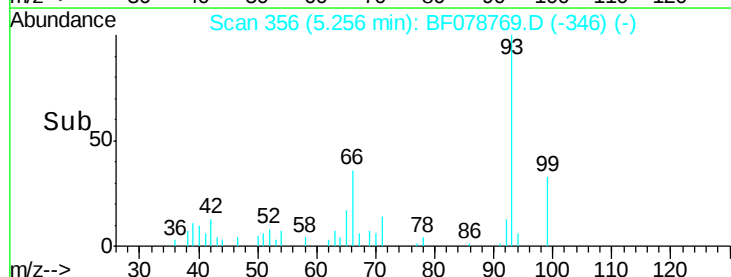
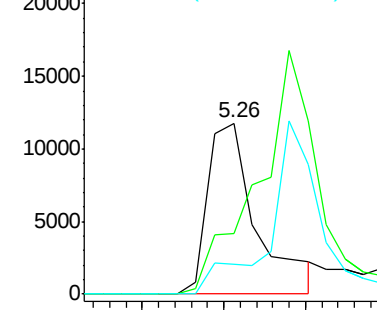
65 17.5 16.3 24.5



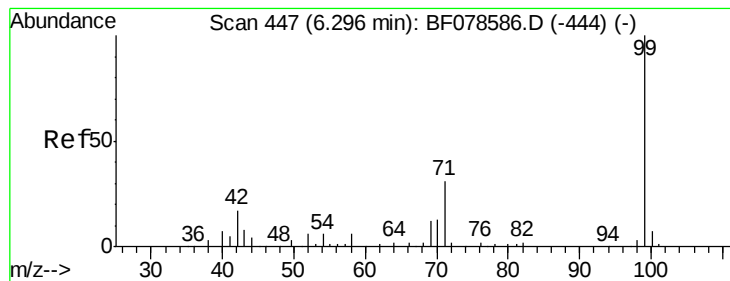
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#7

Phenol-d6

Concen: 101.40 ng

RT: 5.28 min Scan# 358

Delta R.T. 0.01 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

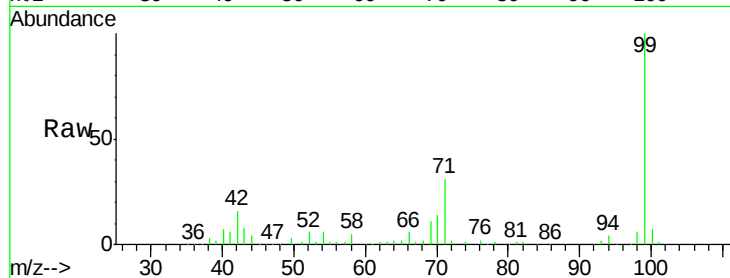
Tot Ion: 99 Resp: 192682

Ion Ratio Lower Upper

99 100

42 15.9 14.8 22.2

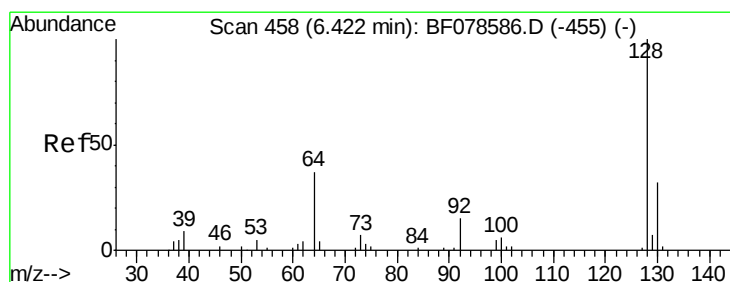
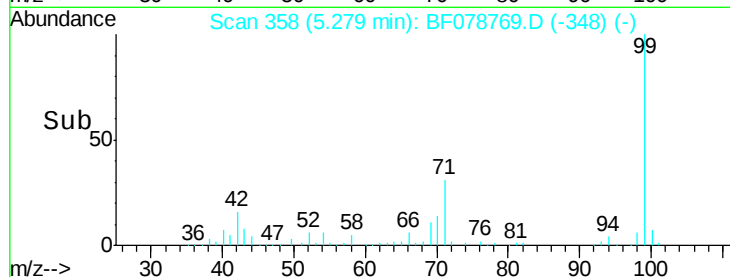
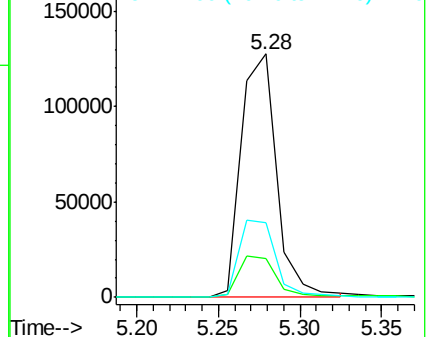
71 30.7 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.23 ng

RT: 5.43 min Scan# 371

Delta R.T. 0.01 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

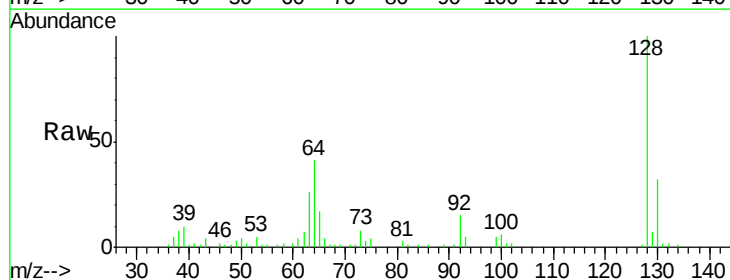
Tgt Ion:128 Resp: 68551

Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

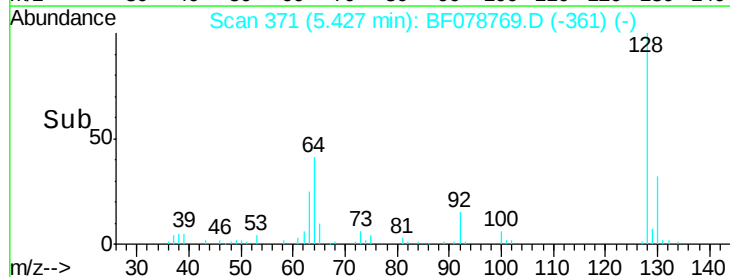
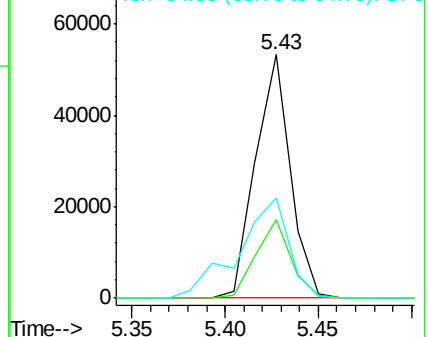
64 41.4 23.8 63.8

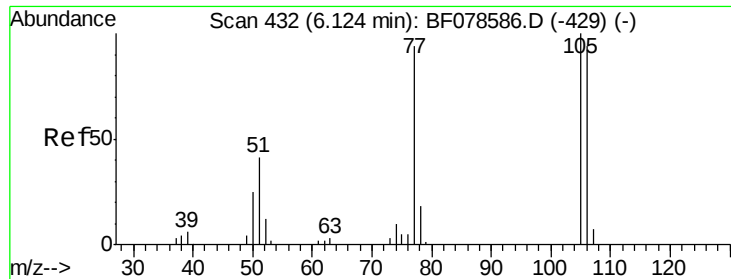


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

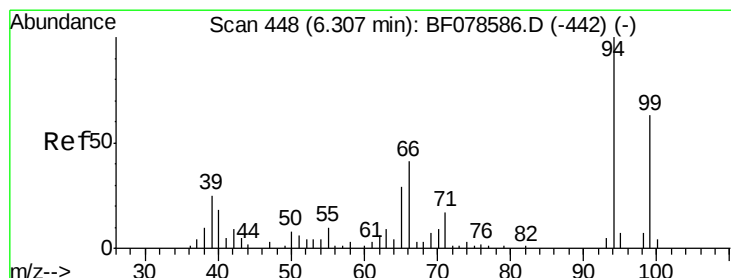
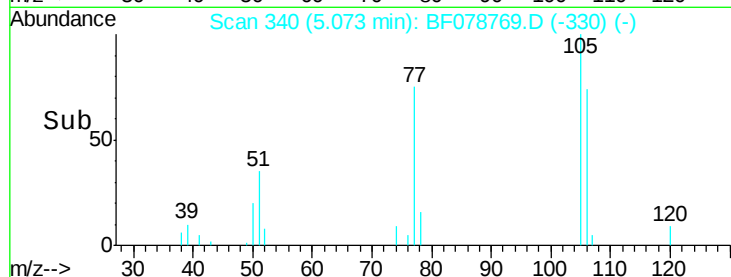
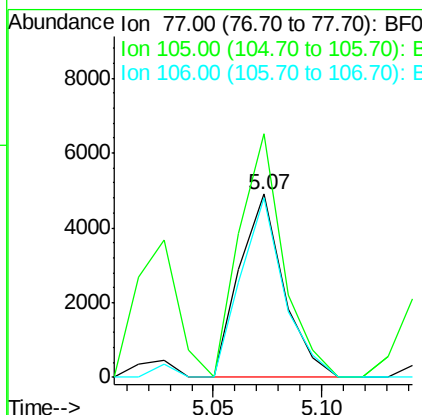
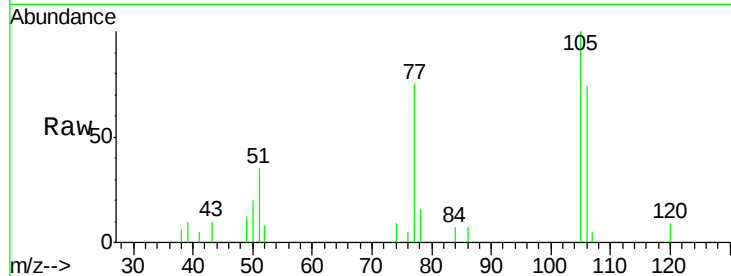




#9  
Benzaldehyde  
Concen: 5.51 ng  
RT: 5.07 min Scan# 340  
Delta R.T. 0.01 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

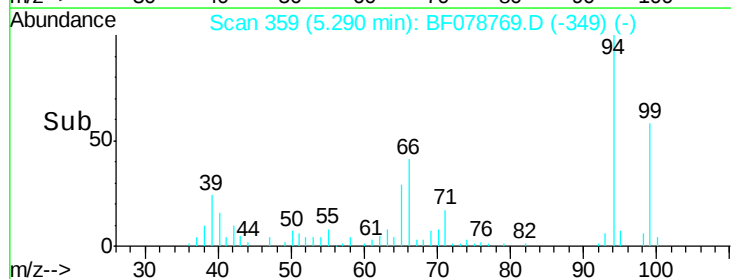
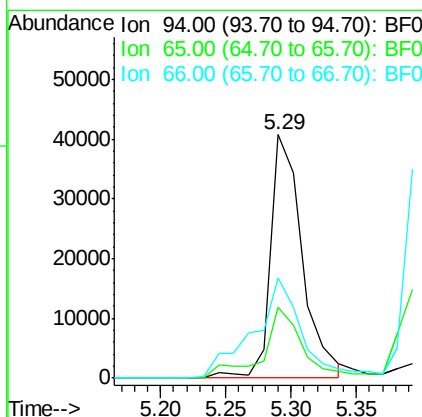
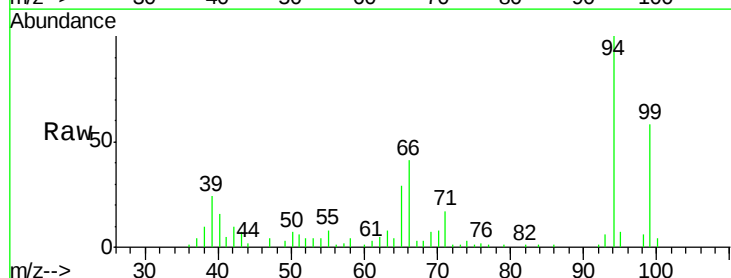
Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PITMS

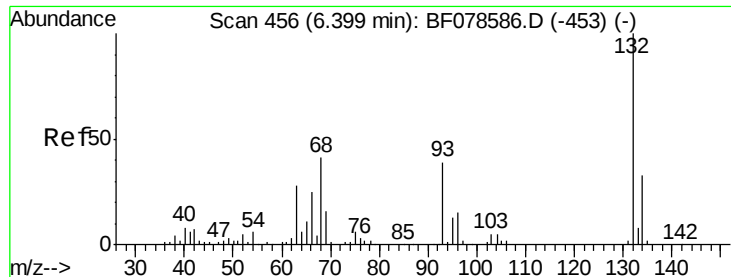
Tot Ion: 77 Resp: 6939  
Ion Ratio Lower Upper  
77 100  
105 133.0 85.4 125.4#  
106 97.9 80.8 120.8



#10  
Phenol  
Concen: 30.64 ng  
RT: 5.29 min Scan# 359  
Delta R.T. 0.01 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Tgt Ion: 94 Resp: 69771  
Ion Ratio Lower Upper  
94 100  
65 29.3 4.9 44.9  
66 41.1 13.8 53.8

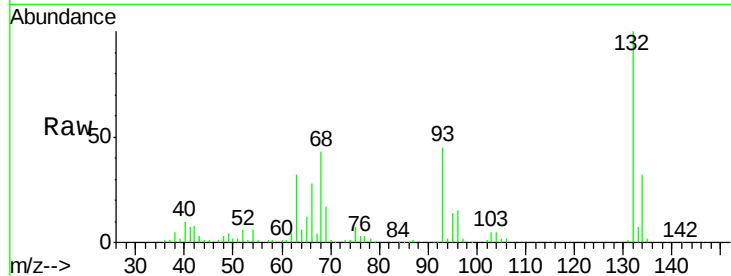




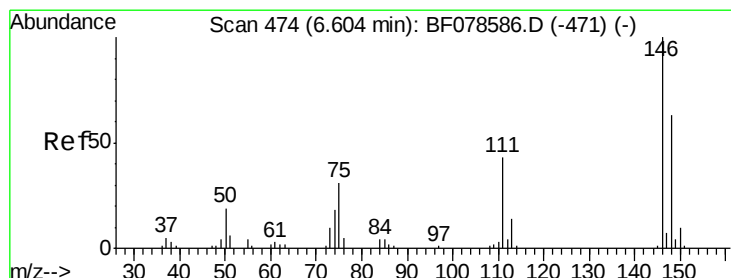
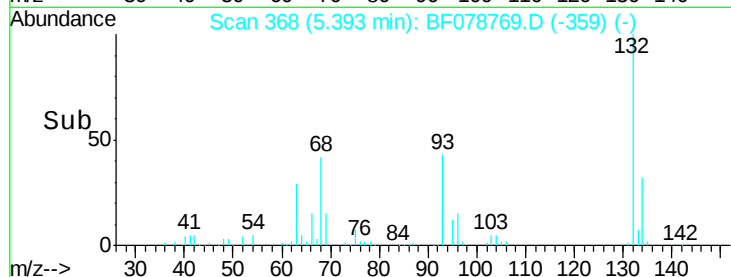
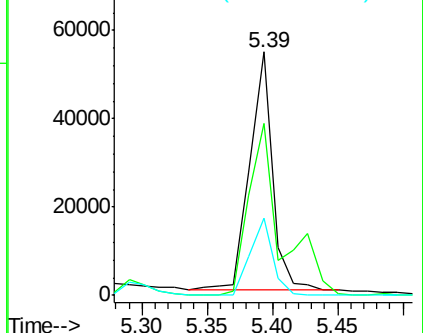
#11  
bis(2-Chloroethyl)ether  
Concen: 40.41 ng  
RT: 5.39 min Scan# 368  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Instrument :  
BNA\_F  
ClientSampled :  
SOIL-PITMS

Tot Ion: 93 Resp: 66161  
Ion Ratio Lower Upper  
93 100  
63 70.8 54.6 94.6  
95 31.6 13.6 53.6

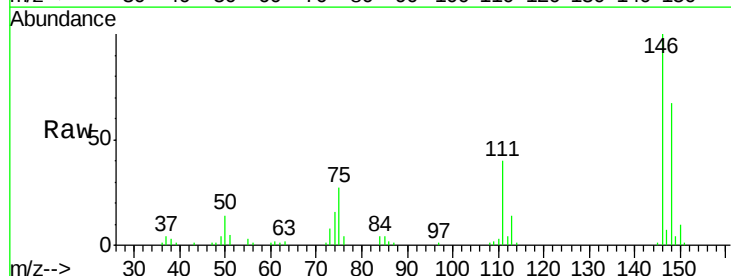


Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0

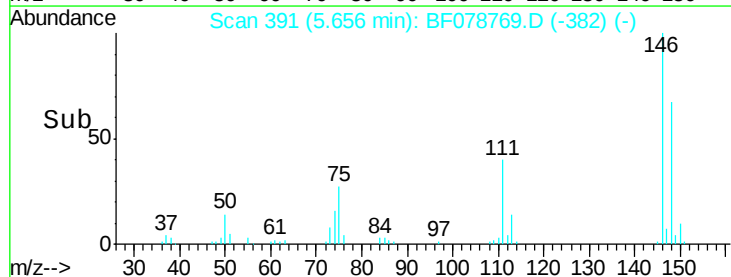
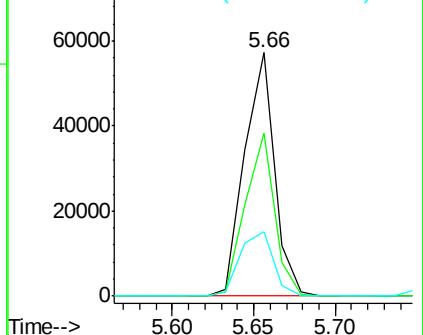


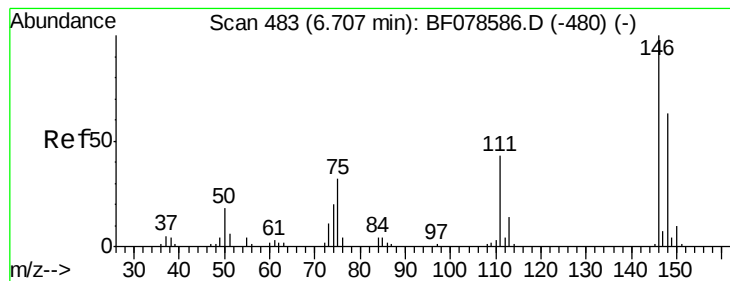
#12  
1,3-Dichlorobenzene  
Concen: 36.88 ng  
RT: 5.66 min Scan# 391  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Tgt Ion: 146 Resp: 72642  
Ion Ratio Lower Upper  
146 100  
148 66.7 49.1 73.7  
75 26.6 26.6 40.0#



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.76 ng

RT: 5.78 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

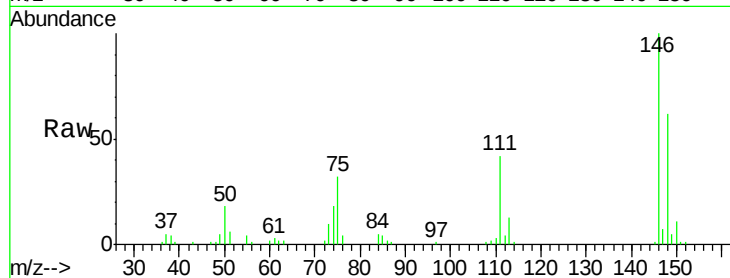
Tot Ion:146 Resp: 74863

Ion Ratio Lower Upper

146 100

148 61.8 51.4 77.0

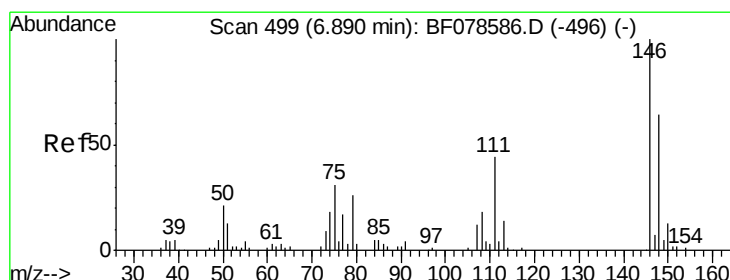
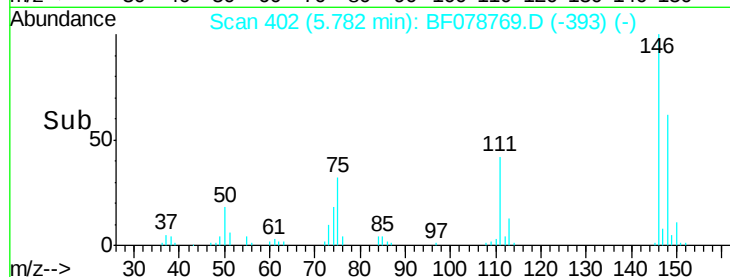
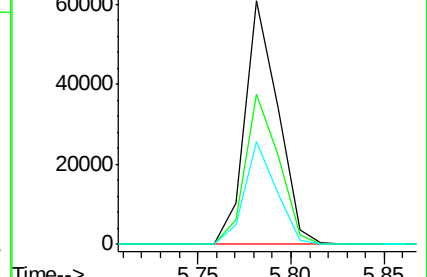
111 42.3 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.44 ng

RT: 6.02 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

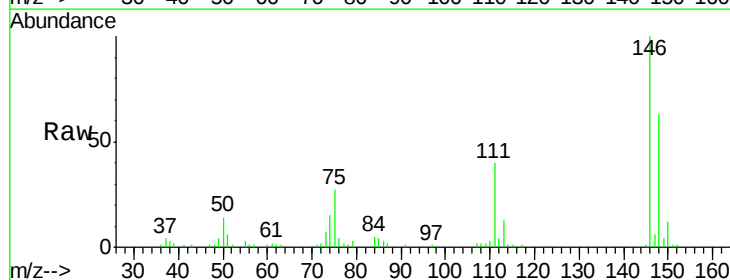
Tgt Ion:146 Resp: 71443

Ion Ratio Lower Upper

146 100

148 63.2 50.2 75.4

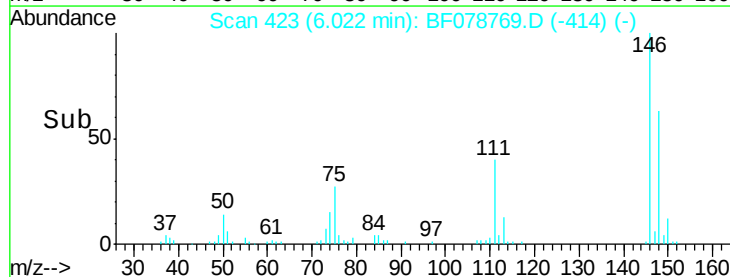
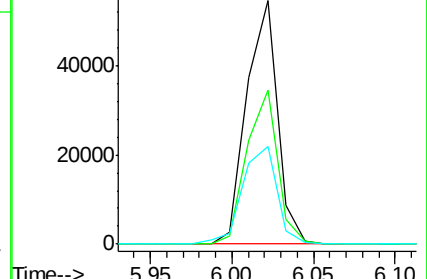
111 40.0 36.1 54.1

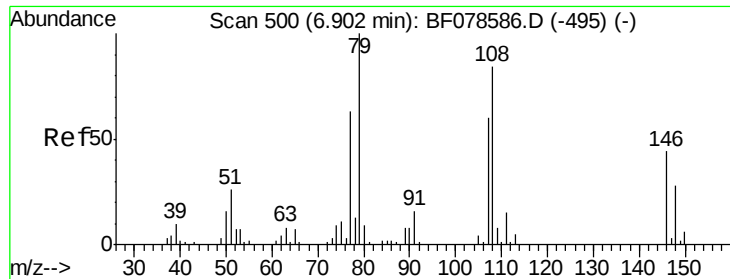


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

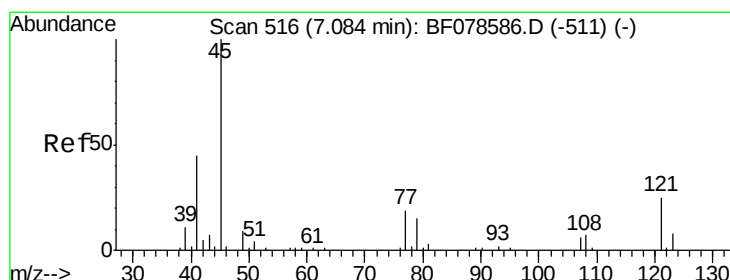
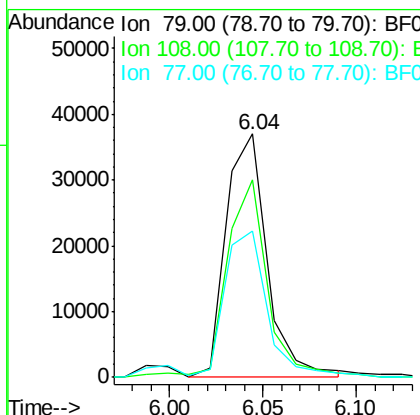
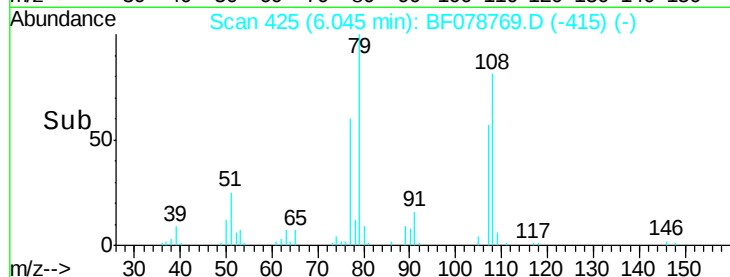
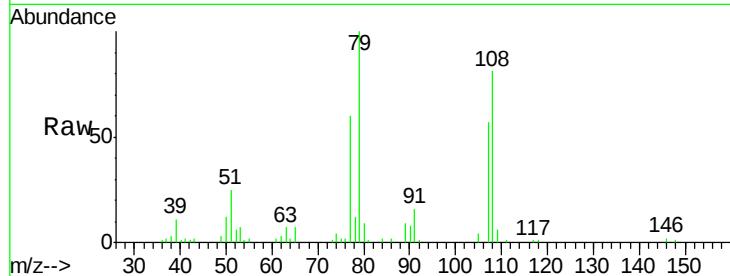




#15  
Benzyl Alcohol  
Concen: 42.84 ng  
RT: 6.04 min Scan# 425  
Delta R.T. 0.01 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

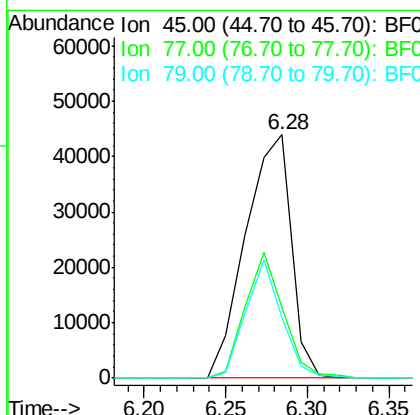
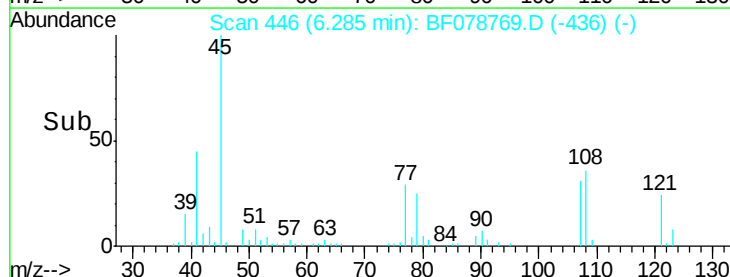
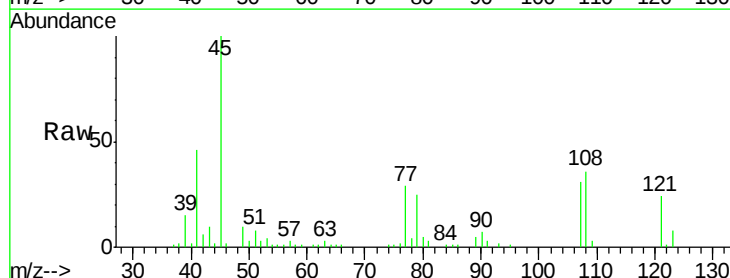
Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PITMS

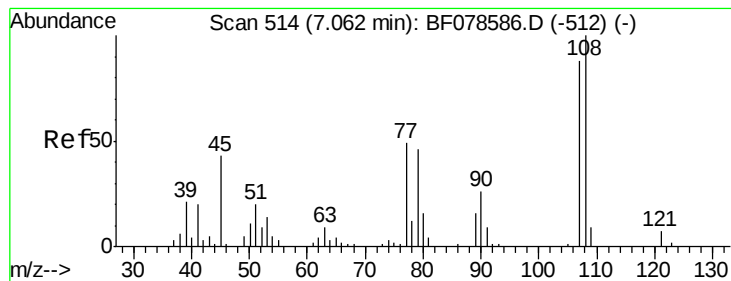
Tot Ion: 79 Resp: 57202  
Ion Ratio Lower Upper  
79 100  
108 81.1 57.6 86.4  
77 60.3 53.5 80.3



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 38.98 ng  
RT: 6.28 min Scan# 446  
Delta R.T. 0.01 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Tgt Ion: 45 Resp: 85129  
Ion Ratio Lower Upper  
45 100  
77 28.9 0.0 34.5  
79 24.6 0.0 31.9

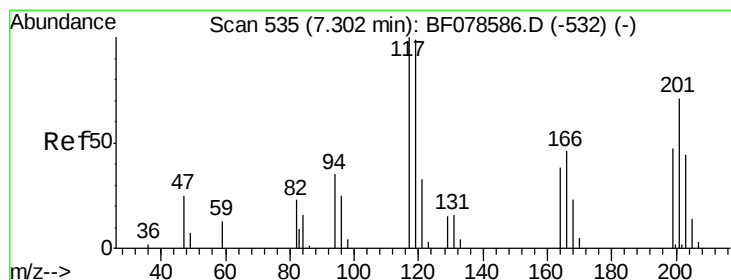
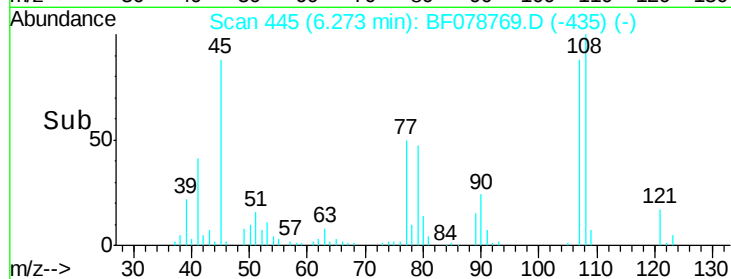
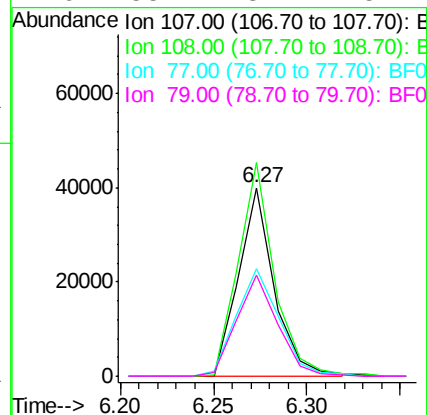
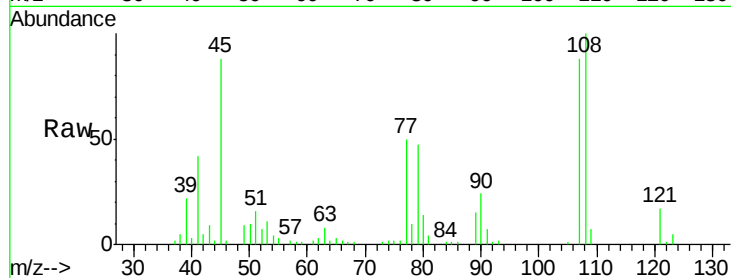




#17  
2-Methylphenol  
Concen: 38.20 ng  
RT: 6.27 min Scan# 445  
Delta R.T. 0.01 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

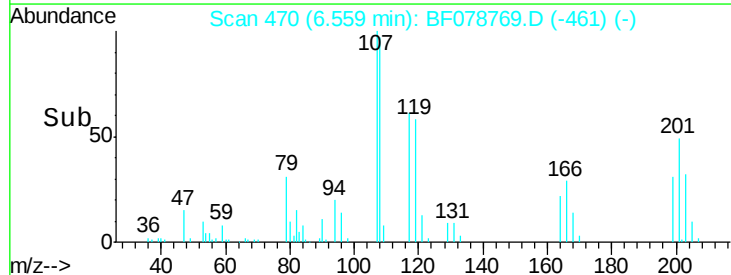
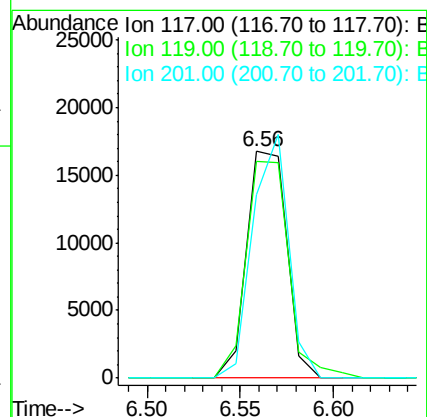
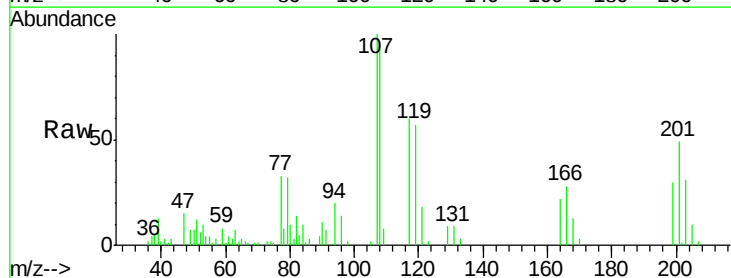
Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PITMS

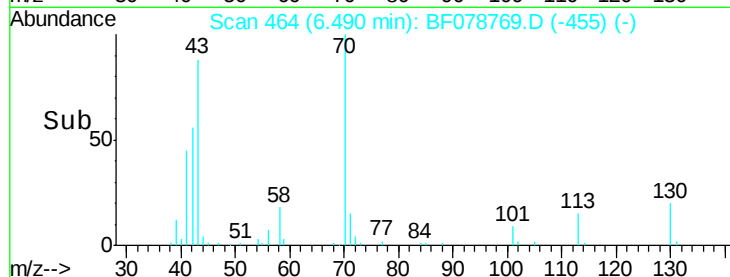
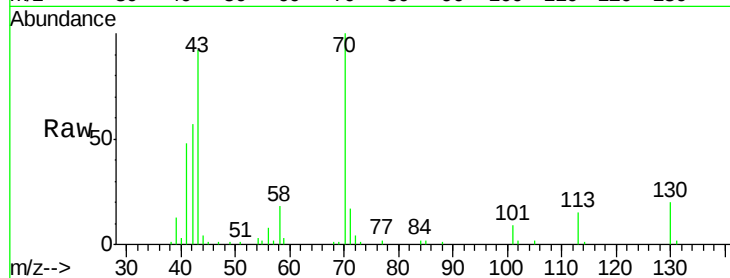
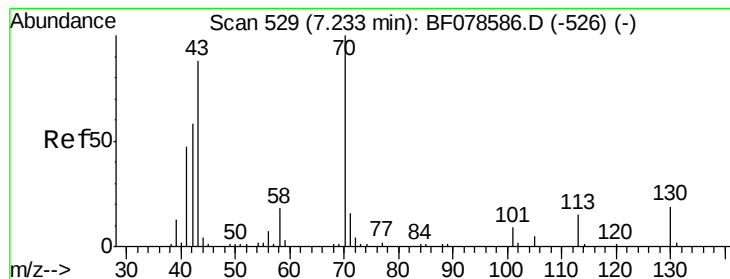
Tot Ion:107 Resp: 53181  
Ion Ratio Lower Upper  
107 100  
108 113.2 90.3 135.5  
77 57.0 35.5 53.3#  
79 53.4 34.2 51.4#



#18  
Hexachloroethane  
Concen: 37.78 ng  
RT: 6.56 min Scan# 470  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Tgt Ion:117 Resp: 25258  
Ion Ratio Lower Upper  
117 100  
119 95.7 77.0 115.6  
201 81.0 98.1 147.1#





#19

n-Nitroso-di-n-propylamine

Concen: 40.48 ng

RT: 6.49 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

Tot Ion: 70 Resp: 50748

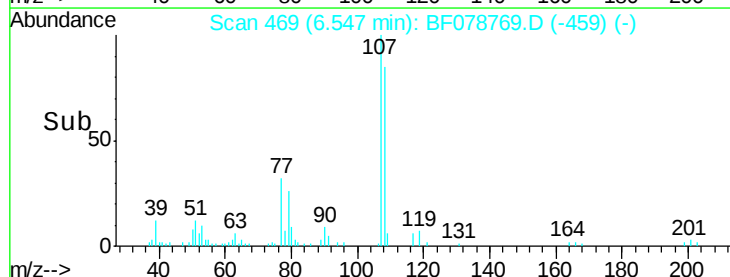
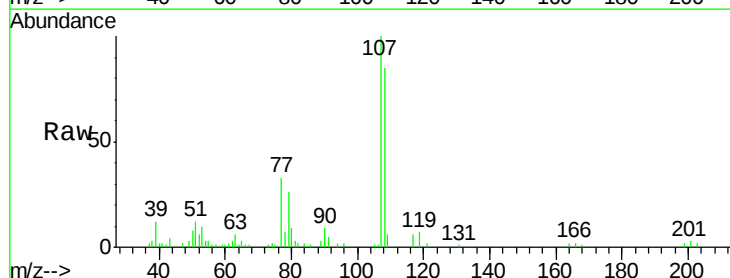
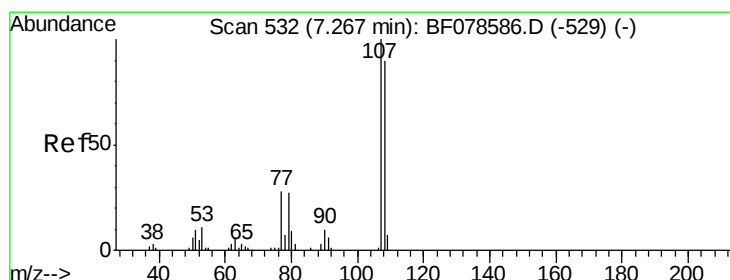
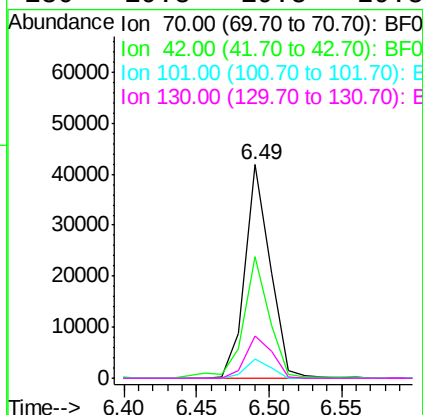
Ion Ratio Lower Upper

70 100

42 56.9 38.9 58.3

101 9.1 8.3 12.5

130 19.8 19.8 29.8#



#20

3+4-Methylphenols

Concen: 36.13 ng

RT: 6.55 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Tgt Ion:107 Resp: 67092

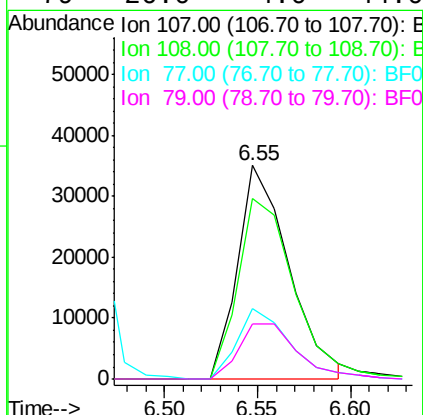
Ion Ratio Lower Upper

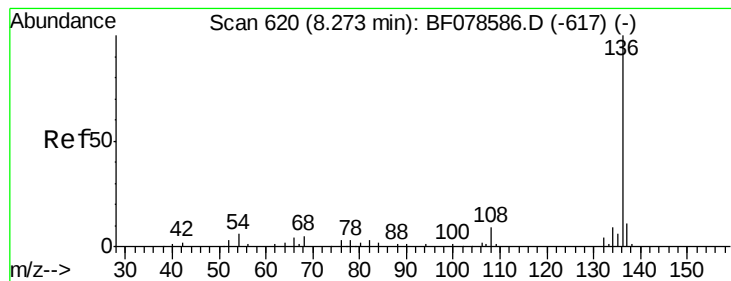
107 100

108 84.5 64.4 104.4

77 32.8 9.7 49.7

79 26.0 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

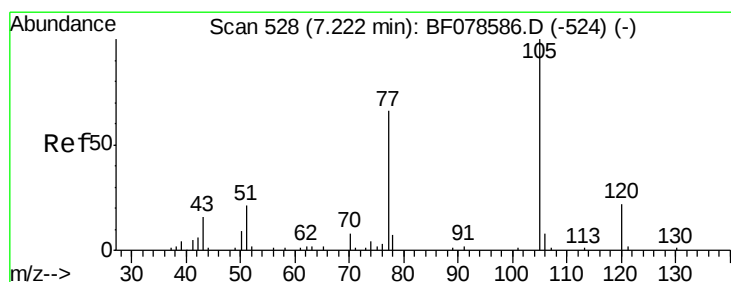
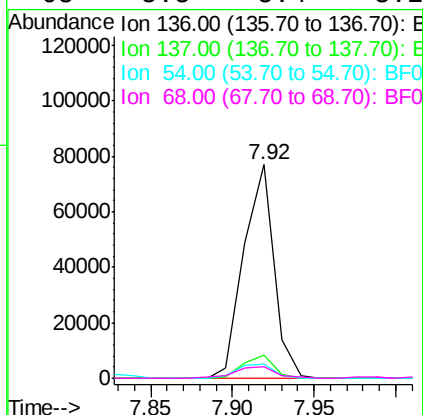
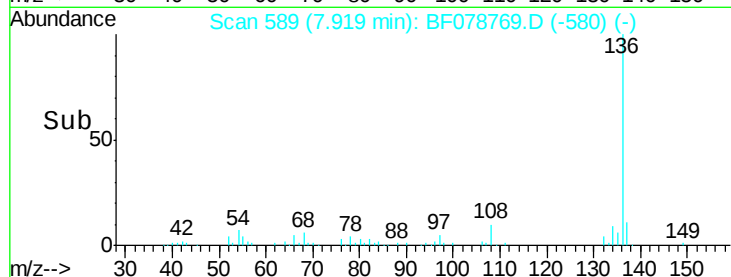
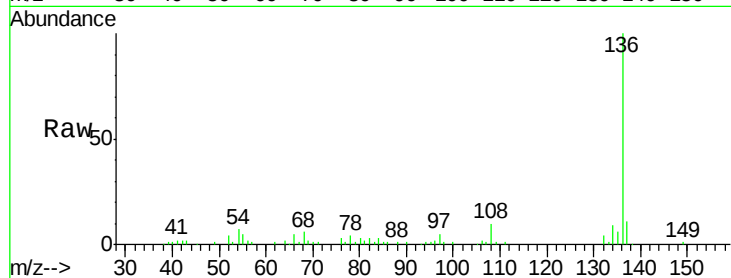
Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:136 | Resp: | 98985     |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 10.8  | 9.0 13.4  |
| 54          | 6.6   | 7.0 10.6# |
| 68          | 5.5   | 5.4 8.2   |



#22

Acetophenone

Concen: 43.17 ng

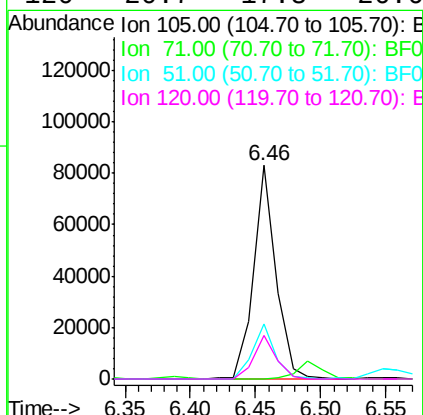
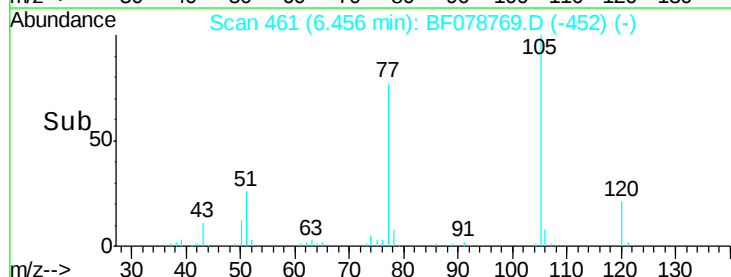
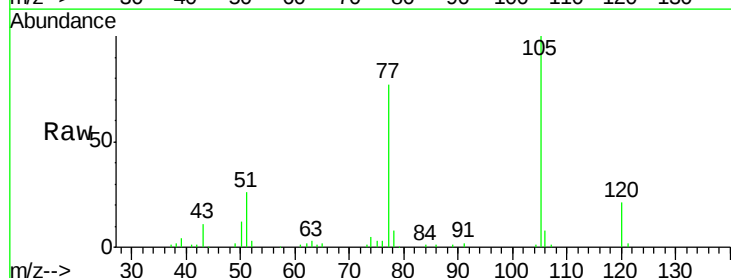
RT: 6.46 min Scan# 461

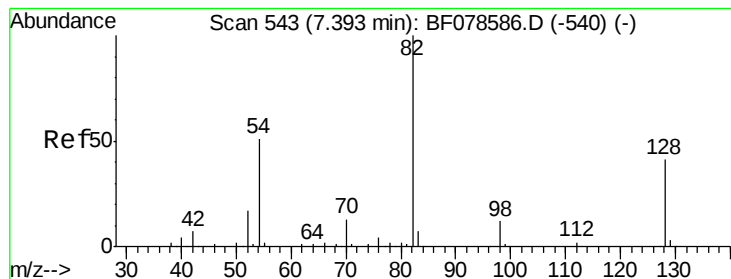
Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 99575      |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 0.0   | 5.5 8.3#   |
| 51          | 26.0  | 16.0 24.0# |
| 120         | 20.7  | 17.8 26.6  |





#23

Nitrobenzene-d5

Concen: 86.45 ng

RT: 6.70 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

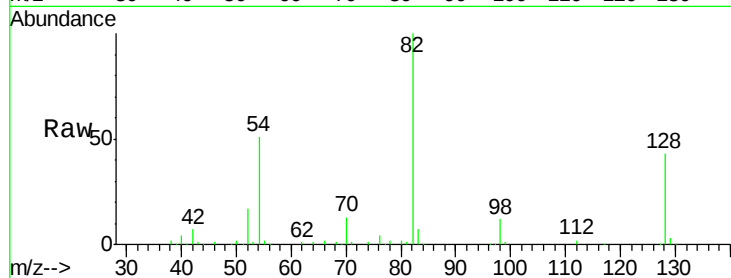
Tot Ion: 82 Resp: 141186

Ion Ratio Lower Upper

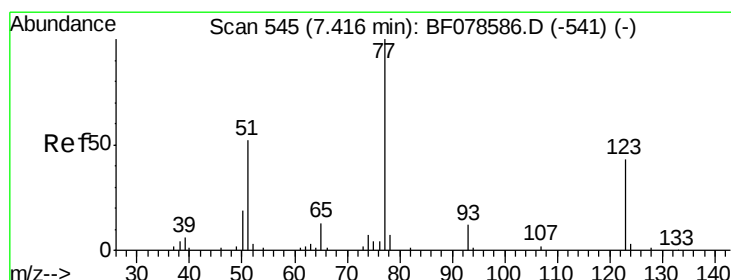
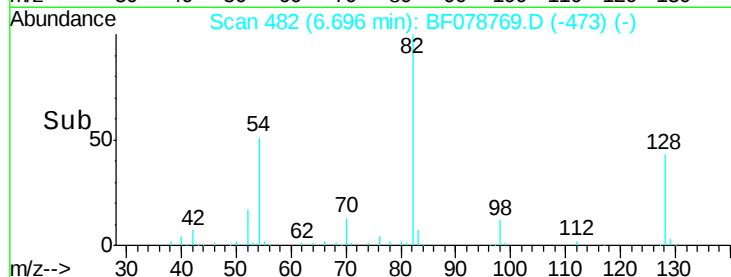
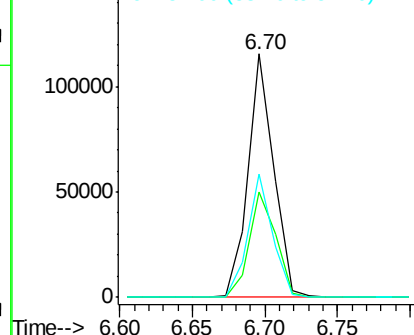
82 100

128 43.2 31.8 47.8

54 50.7 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.30 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

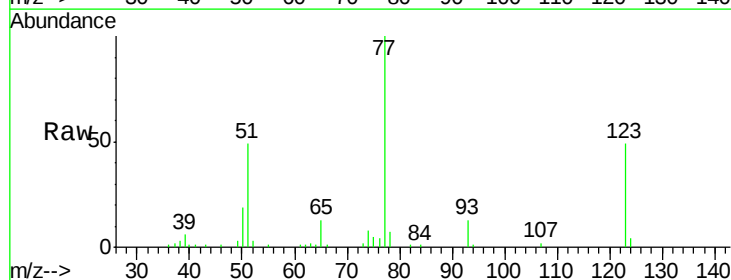
Tgt Ion: 77 Resp: 70514

Ion Ratio Lower Upper

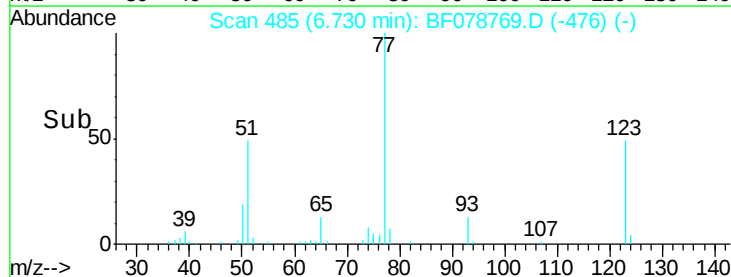
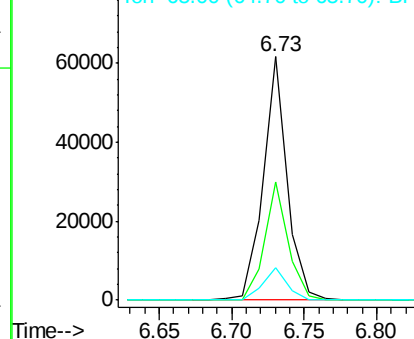
77 100

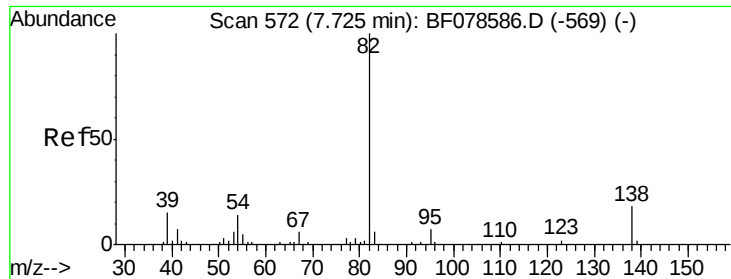
123 48.7 46.9 70.3

65 13.3 9.5 14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 123.00 (122.70 to 123.70): B  
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.08 ng

RT: 7.16 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

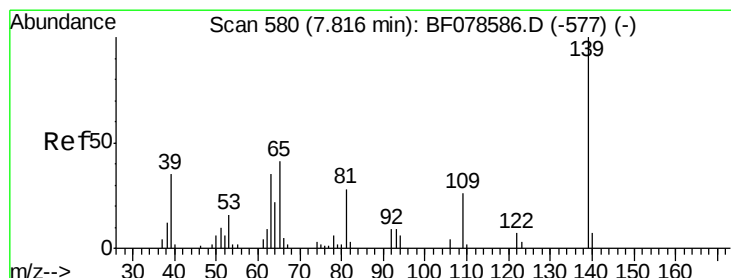
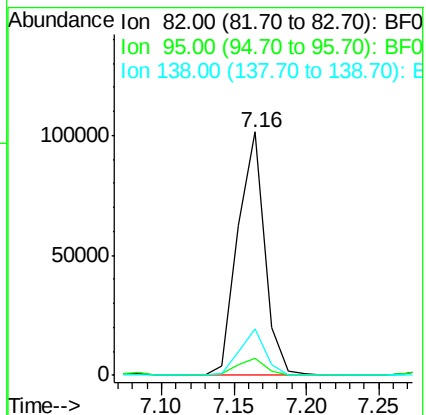
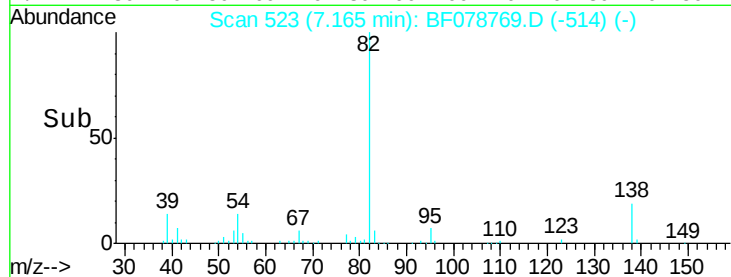
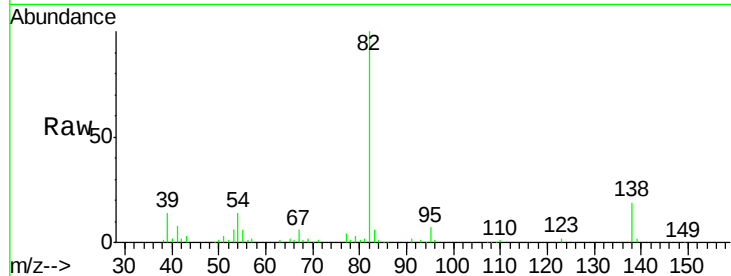
Tot Ion: 82 Resp: 130412

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 19.1 15.8 23.8



#26

2-Nitrophenol

Concen: 39.89 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

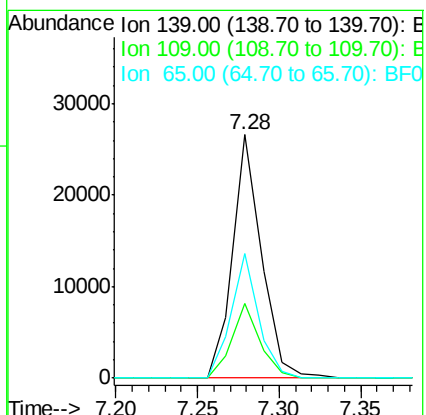
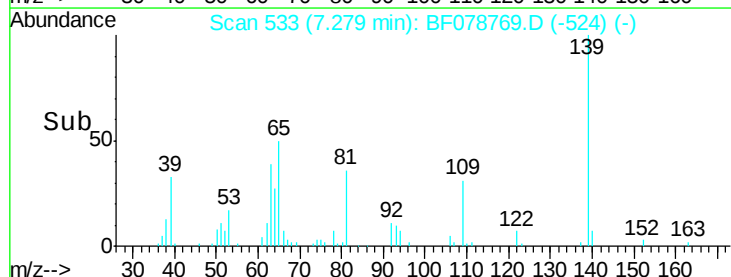
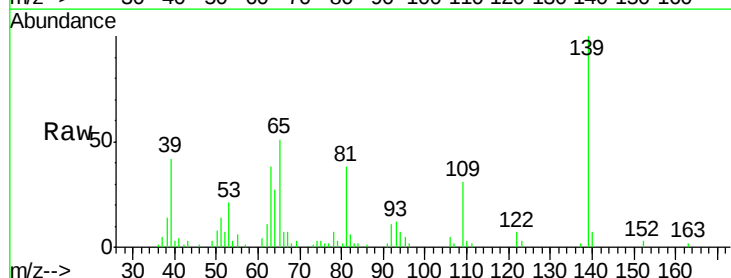
Tgt Ion:139 Resp: 32449

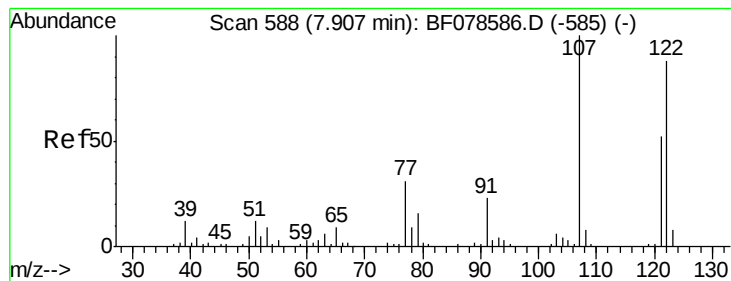
Ion Ratio Lower Upper

139 100

109 30.6 19.8 29.8#

65 50.9 32.7 49.1#





#27

2,4-Dimethylphenol

Concen: 41.44 ng

RT: 7.44 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

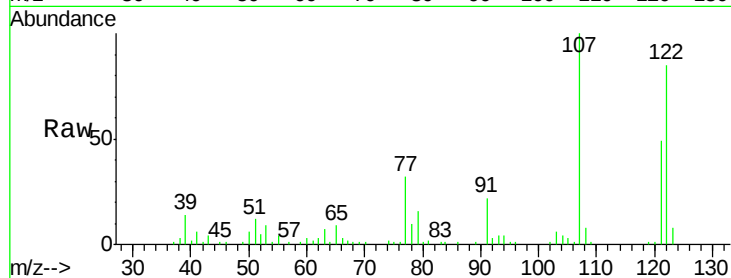
Tot Ion:122 Resp: 62690

Ion Ratio Lower Upper

122 100

107 117.8 84.6 127.0

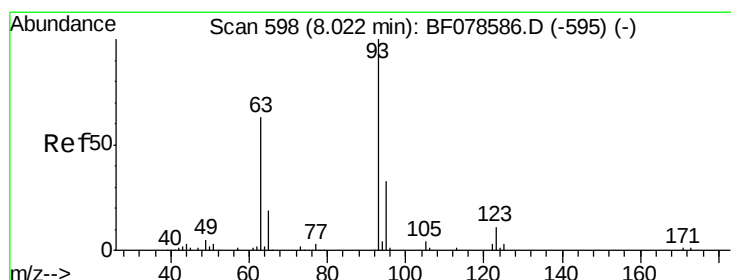
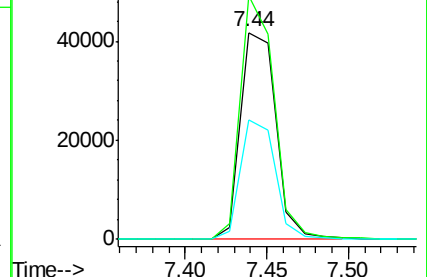
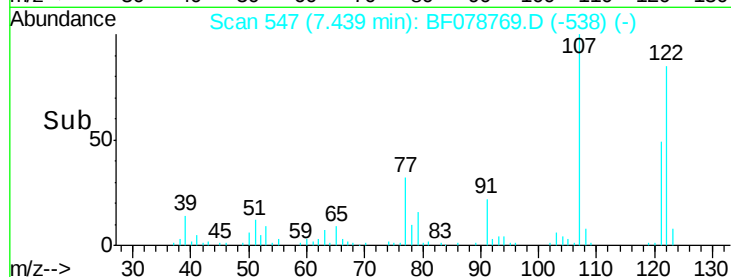
121 58.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.40 ng

RT: 7.60 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

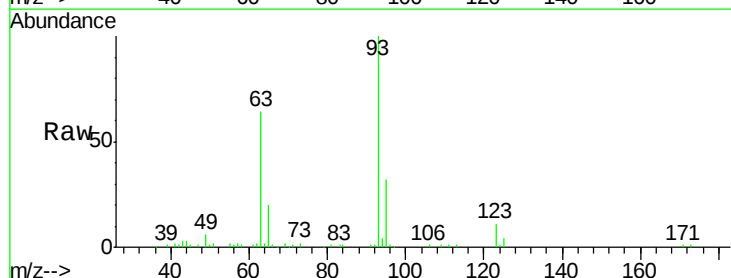
Tgt Ion: 93 Resp: 80287

Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

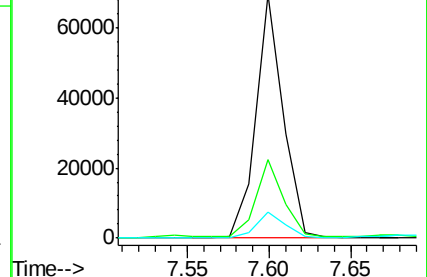
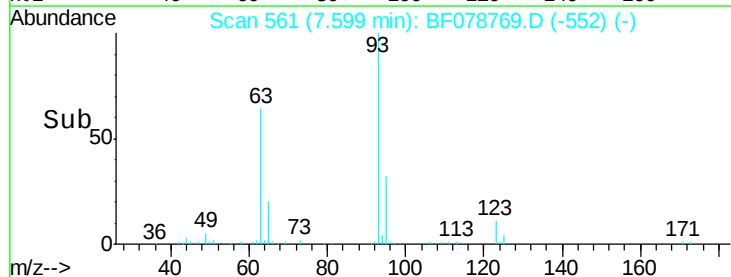
123 10.5 9.1 13.7

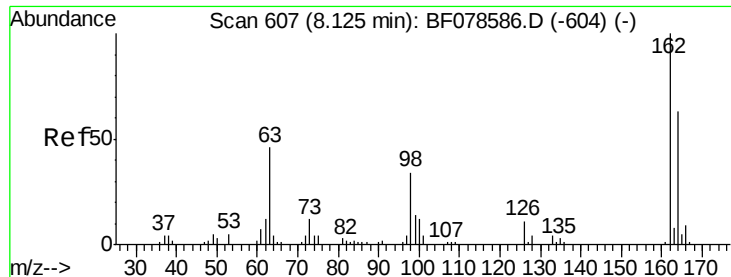


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

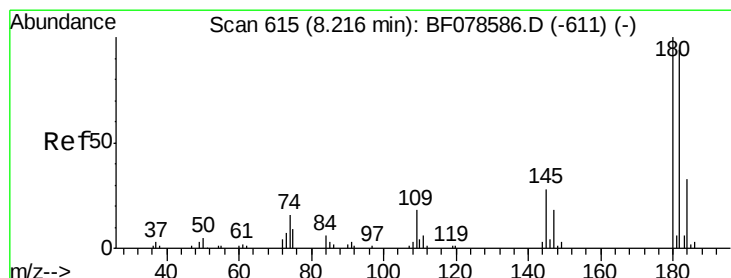
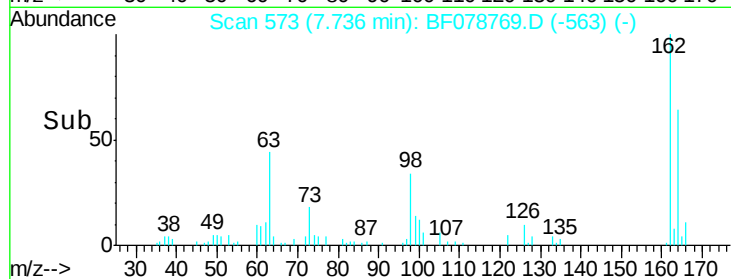
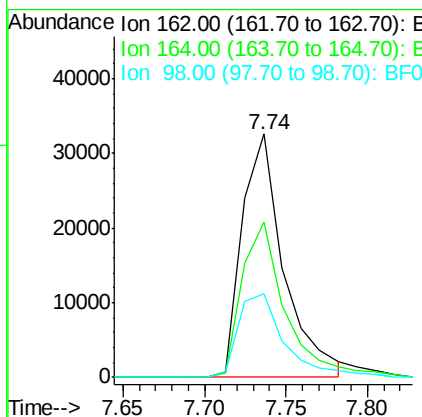
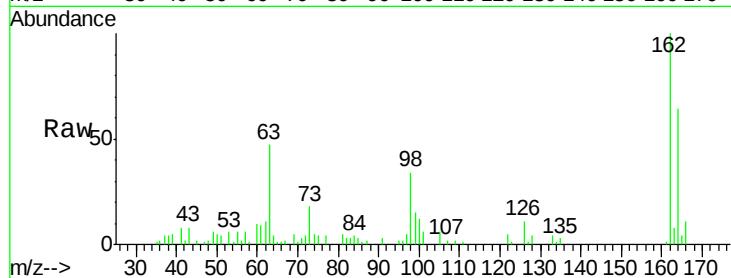




#29  
 2,4-Dichlorophenol  
 Concen: 42.06 ng  
 RT: 7.74 min Scan# 573  
 Delta R.T. 0.01 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

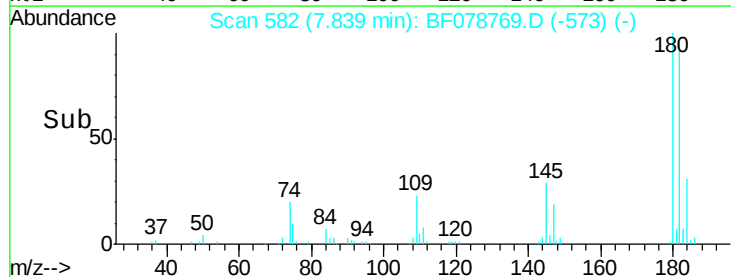
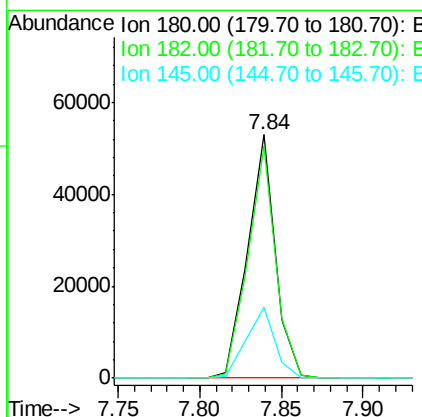
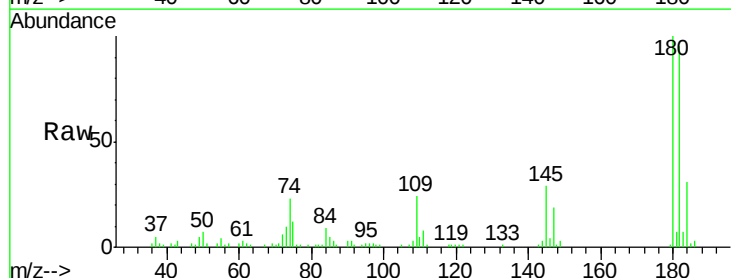
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

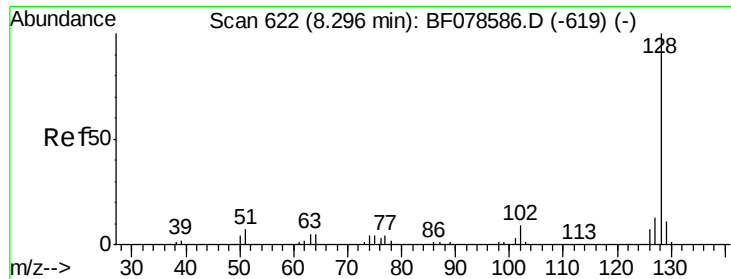
Tot Ion:162 Resp: 57893  
 Ion Ratio Lower Upper  
 162 100  
 164 63.8 47.0 87.0  
 98 34.5 9.2 49.2



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.53 ng  
 RT: 7.84 min Scan# 582  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

Tgt Ion:180 Resp: 62380  
 Ion Ratio Lower Upper  
 180 100  
 182 95.4 76.9 115.3  
 145 28.8 22.5 33.7

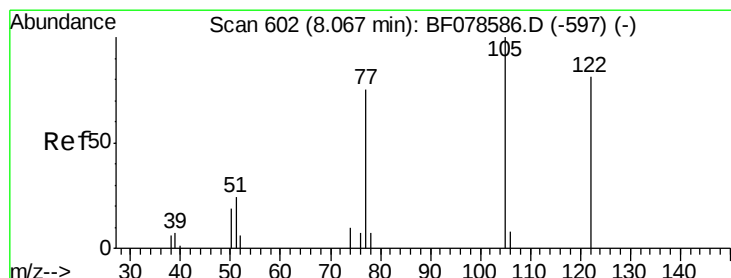
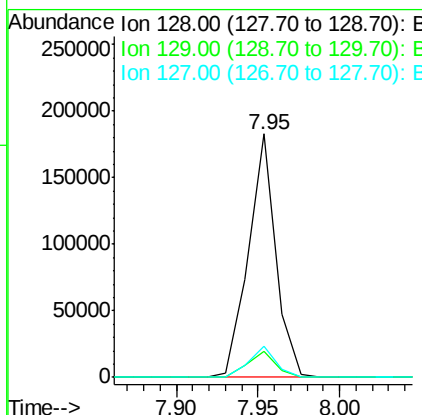
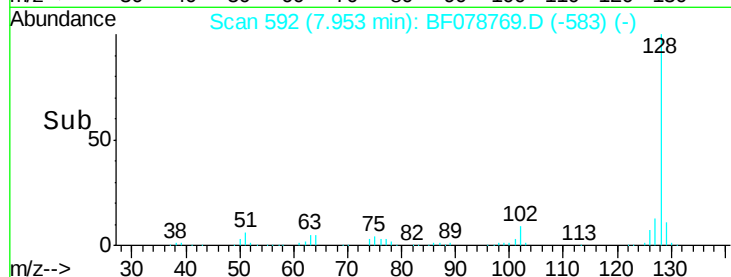
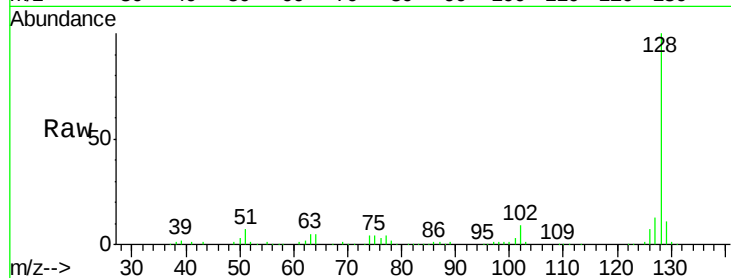




#31  
Naphthalene  
Concen: 41.31 ng  
RT: 7.95 min Scan# 592  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

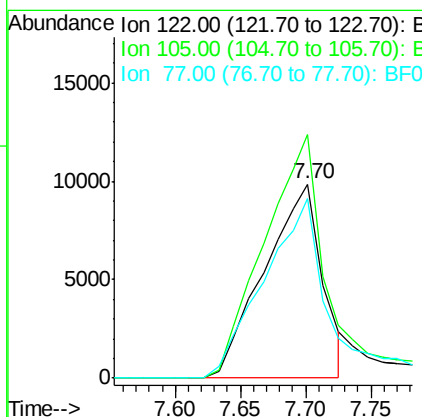
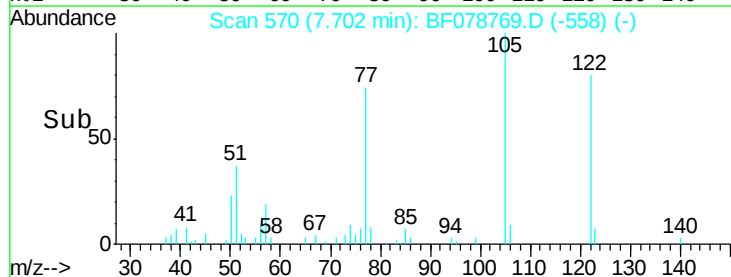
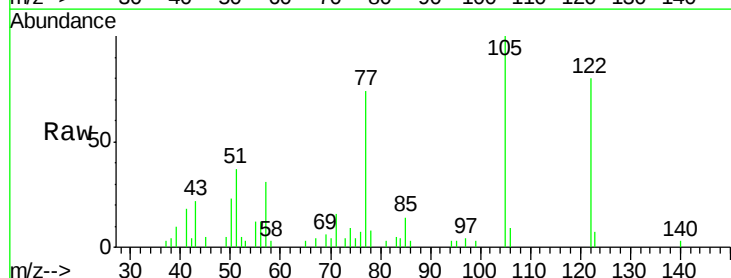
Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PITMS

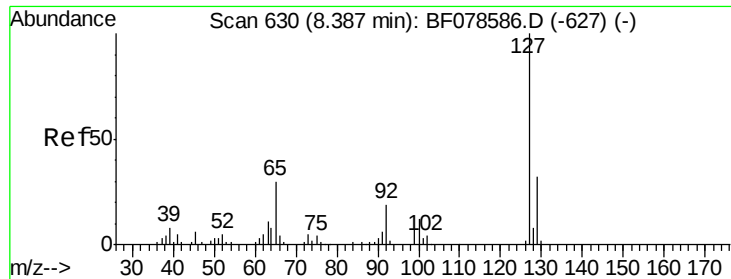
Tot Ion:128 Resp: 212834  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 12.8  
127 12.7 10.7 16.1



#32  
Benzoic acid  
Concen: 43.42 ng  
RT: 7.70 min Scan# 570  
Delta R.T. 0.03 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Tgt Ion:122 Resp: 30447  
Ion Ratio Lower Upper  
122 100  
105 125.5 96.1 136.1  
77 92.8 64.1 104.1

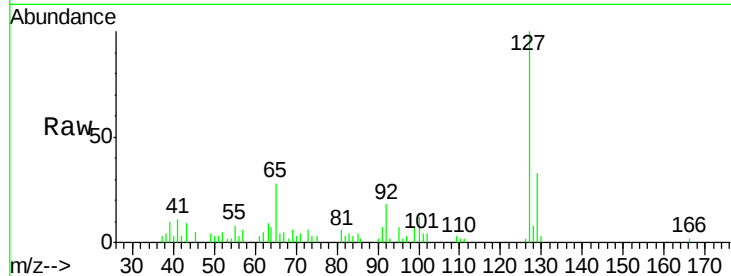




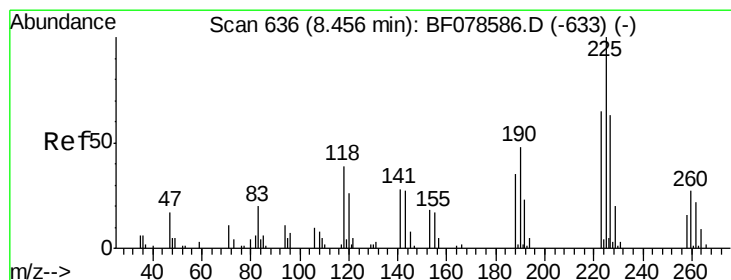
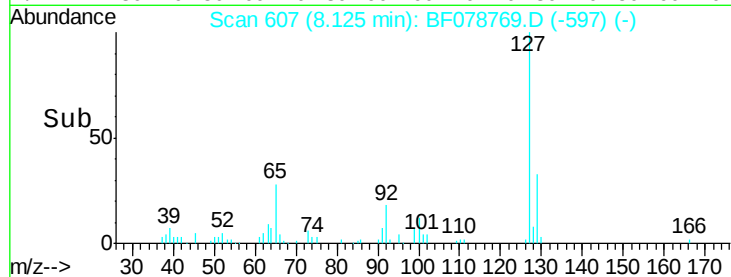
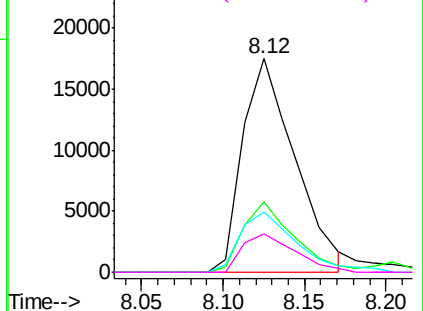
#33  
4-Chloroaniline  
Concen: 18.20 ng  
RT: 8.12 min Scan# 607  
Delta R.T. 0.01 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PITMS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 38917     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.7  | 25.5 38.3 |
| 65          | 28.3  | 21.7 32.5 |
| 92          | 18.2  | 14.6 21.8 |

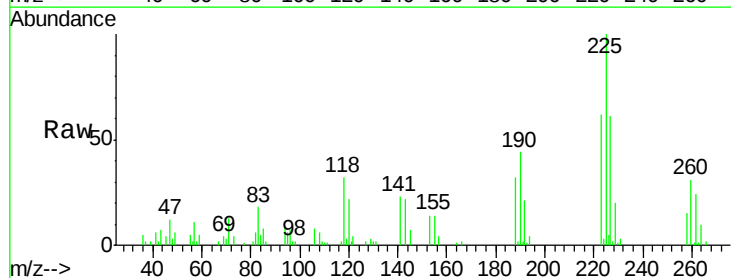


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

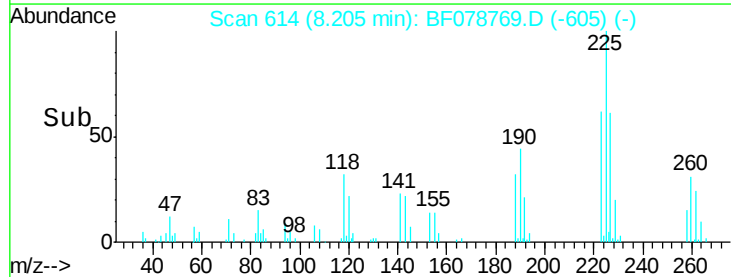
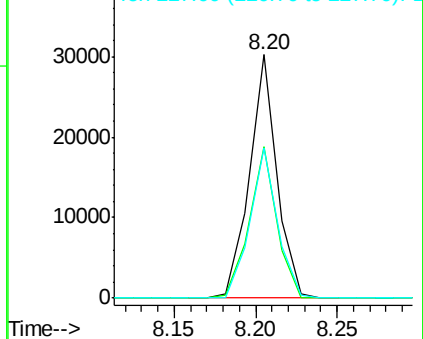


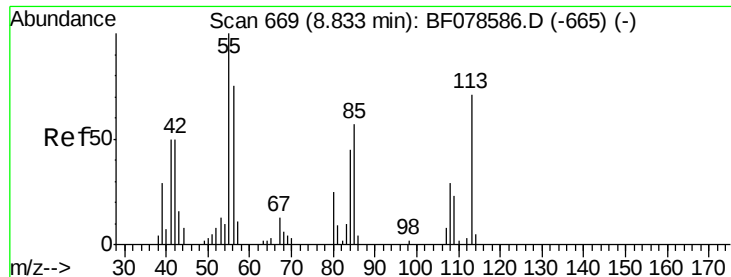
#34  
Hexachlorobutadiene  
Concen: 40.65 ng  
RT: 8.20 min Scan# 614  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 35219     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.2  | 47.5 71.3 |
| 227         | 61.4  | 50.2 75.2 |



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: 34.83 ng

RT: 8.75 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

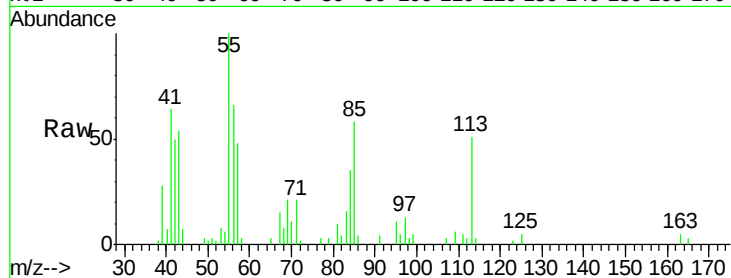
Tot Ion:113 Resp: 14309

Ion Ratio Lower Upper

113 100

55 195.8 151.9 191.9#

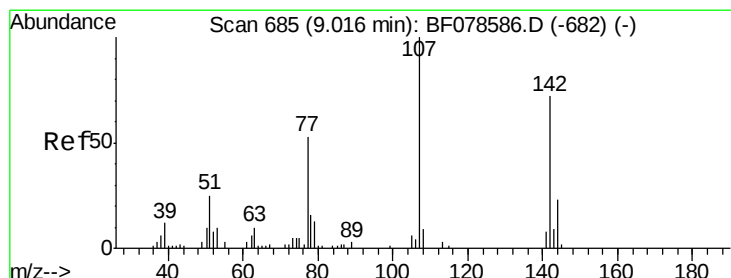
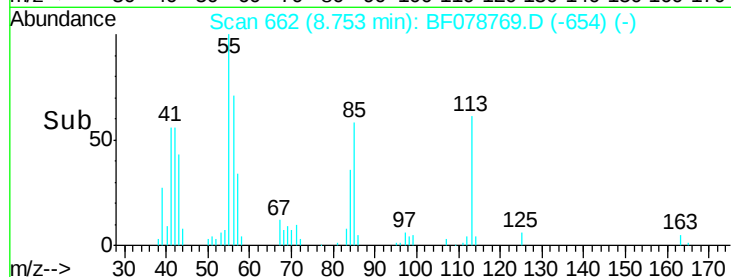
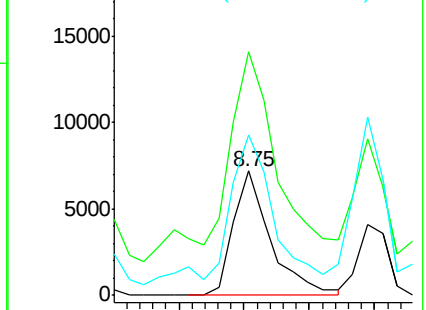
56 128.7 106.1 146.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.06 ng

RT: 9.08 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

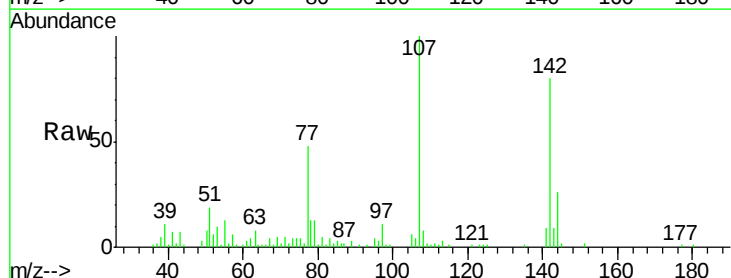
Tgt Ion:107 Resp: 63961

Ion Ratio Lower Upper

107 100

144 25.9 18.2 27.2

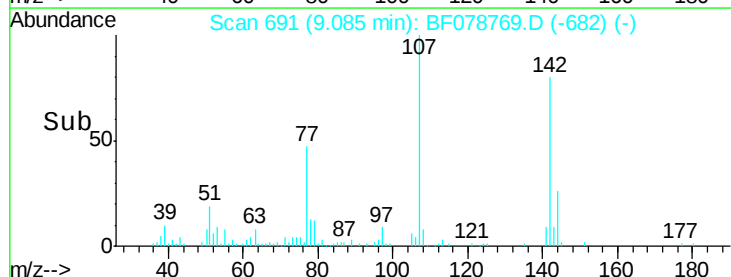
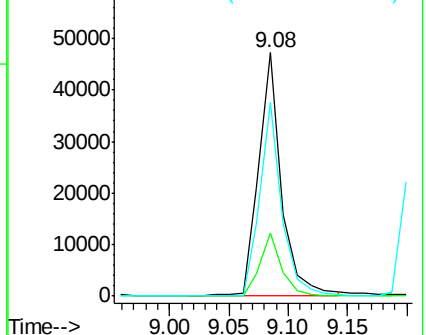
142 79.7 58.0 87.0

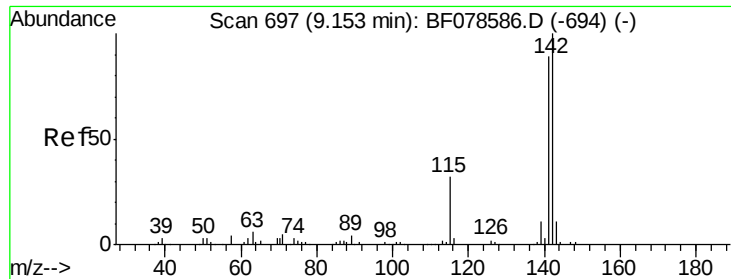


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

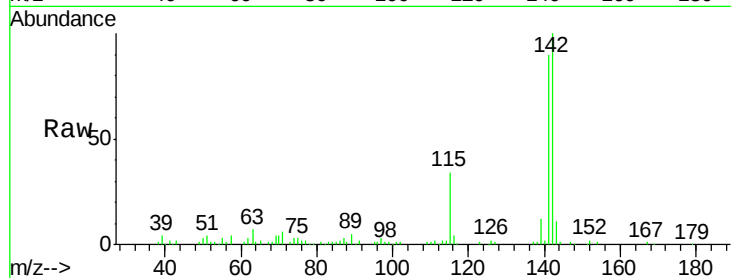




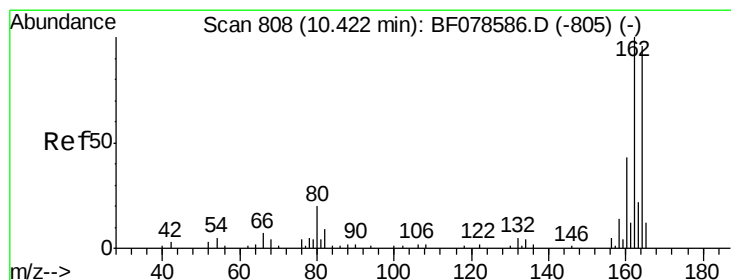
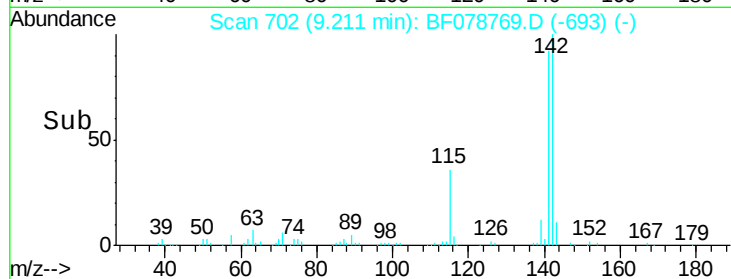
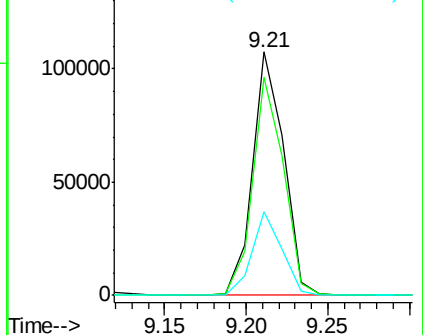
#37  
2-Methylnaphthalene  
Concen: 40.78 ng  
RT: 9.21 min Scan# 702  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PITMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.7  | 70.3  | 105.5 |
| 115     | 34.5  | 24.6  | 37.0  |

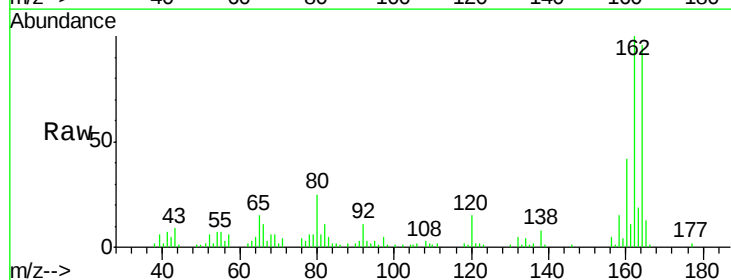


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

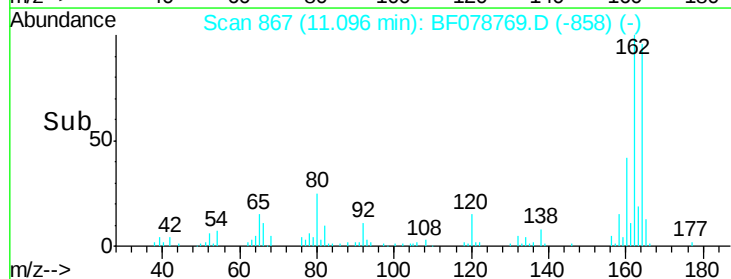
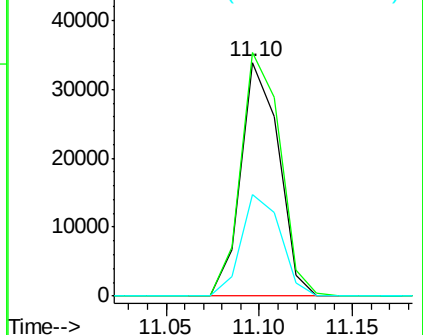


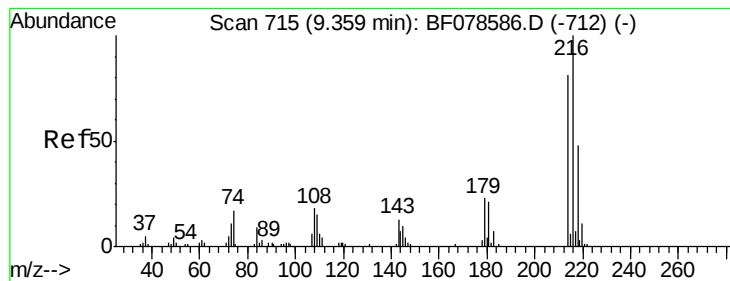
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 11.10 min Scan# 867  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.3 | 82.2  | 123.2 |
| 160     | 43.4  | 34.7  | 52.1  |



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: 41.43 ng

RT: 9.52 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

Tot Ion:216 Resp: 61186

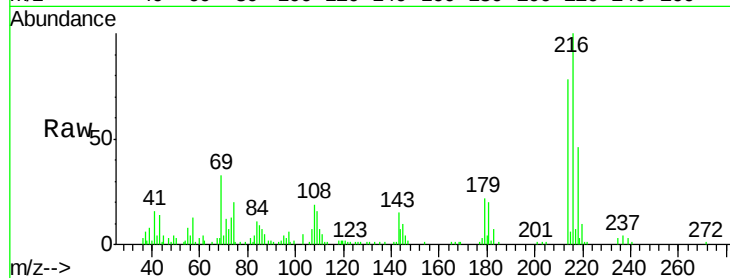
Ion Ratio Lower Upper

216 100

214 78.2 62.0 93.0

179 22.5 17.3 25.9

108 20.4 14.6 21.8

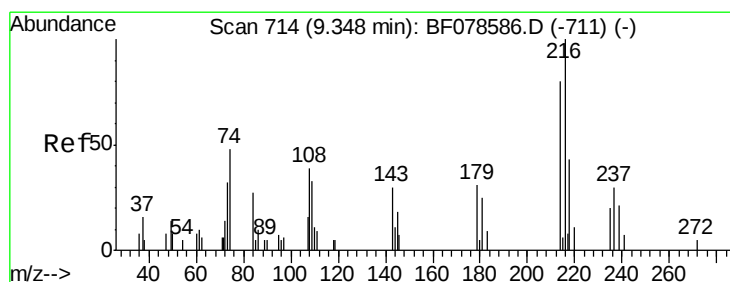
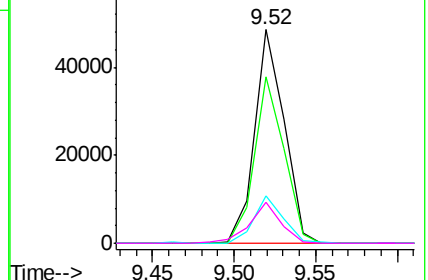
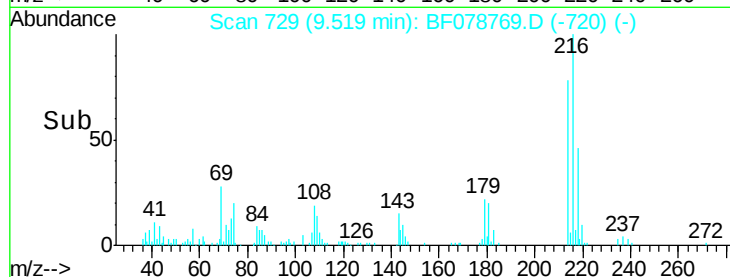


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.81 ng

RT: 9.51 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

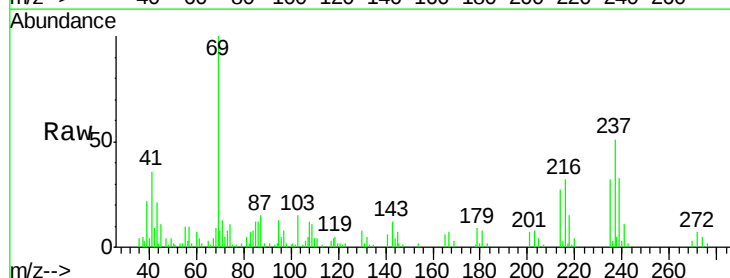
Tgt Ion:237 Resp: 21537

Ion Ratio Lower Upper

237 100

235 63.2 44.1 84.1

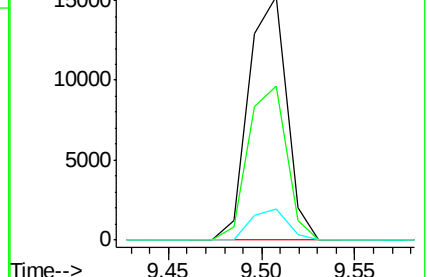
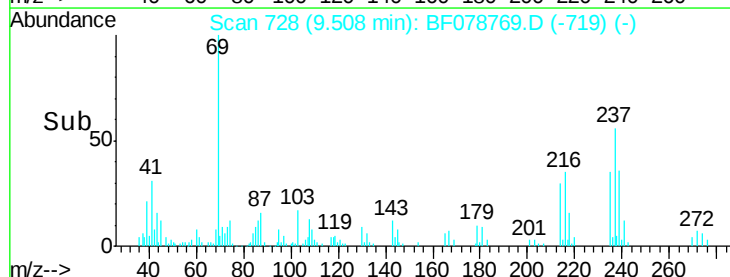
272 12.7 0.0 34.4

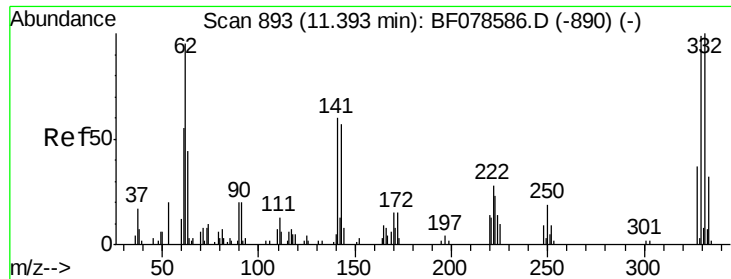


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

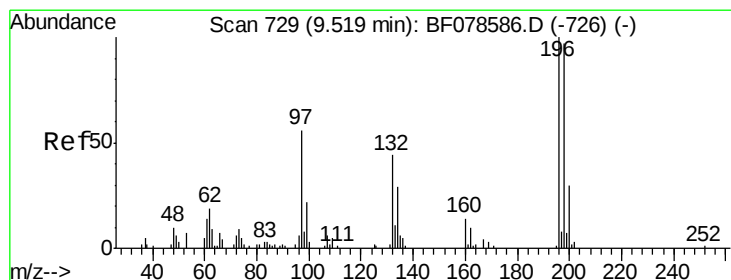
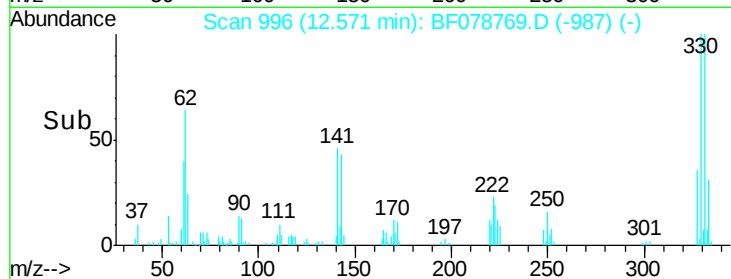
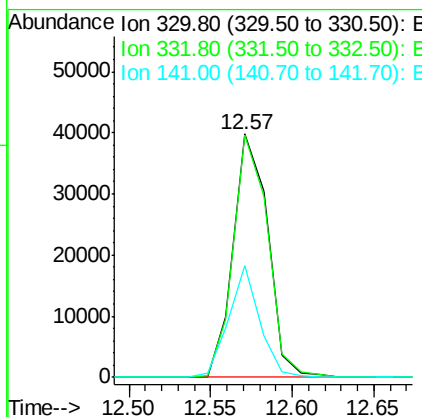
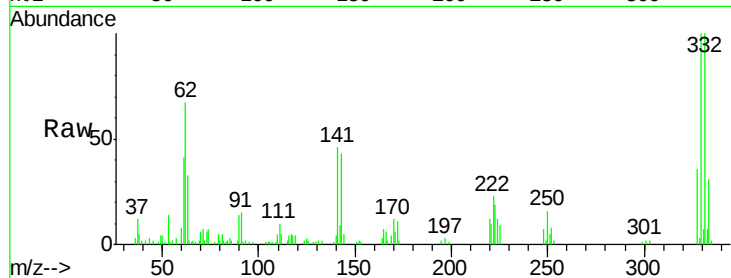




#41  
 2,4,6-Tribromophenol  
 Concen: 147.43 ng  
 RT: 12.57 min Scan# 996  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

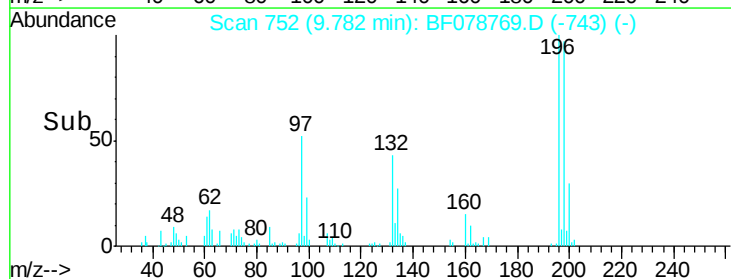
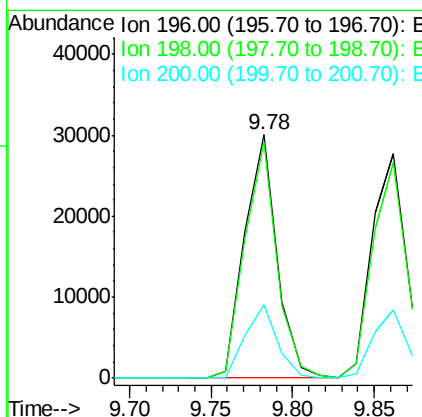
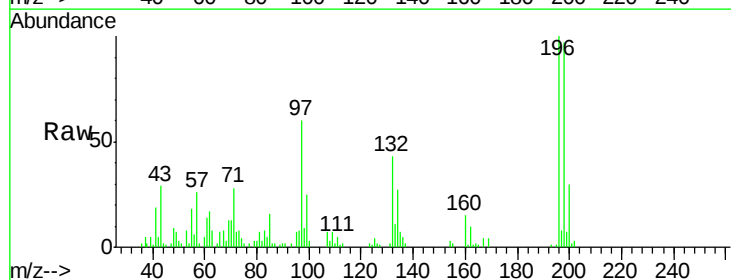
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 99.2  | 78.6  | 117.8 |
| 141     | 41.1  | 31.2  | 46.8  |



#42  
 2,4,6-Trichlorophenol  
 Concen: 44.38 ng  
 RT: 9.78 min Scan# 752  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.7  | 75.4  | 113.2 |
| 200     | 30.3  | 24.0  | 36.0  |

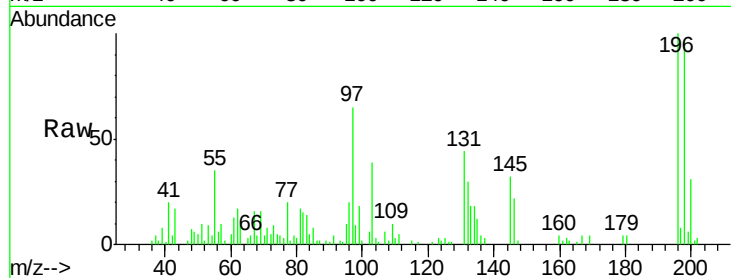




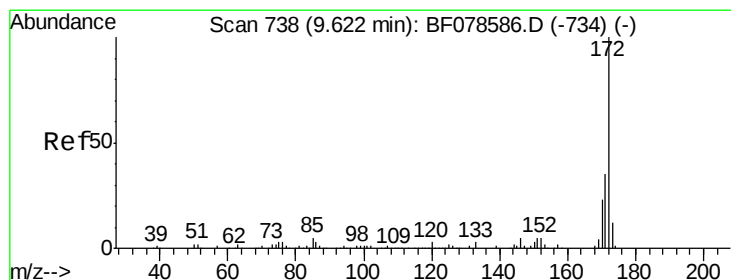
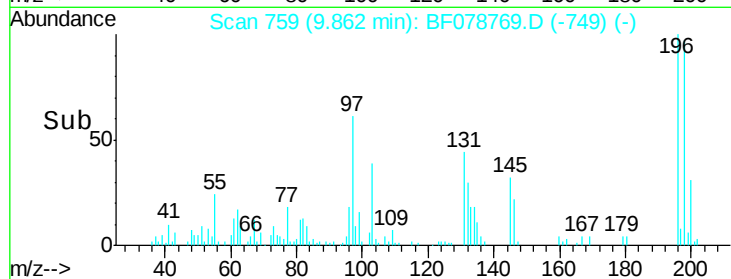
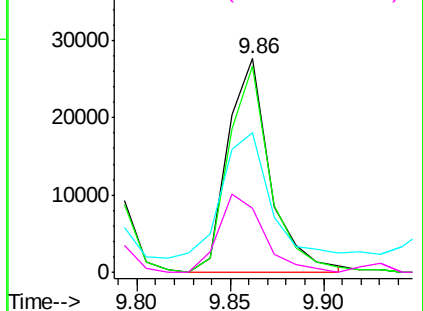
#43  
 2,4,5-Trichlorophenol  
 Concen: 45.09 ng  
 RT: 9.86 min Scan# 759  
 Delta R.T. 0.01 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

|             |       |            |
|-------------|-------|------------|
| Tot Ion:196 | Resp: | 43876      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 96.5  | 76.6 115.0 |
| 97          | 65.4  | 50.6 75.8  |
| 132         | 30.3  | 27.7 41.5  |

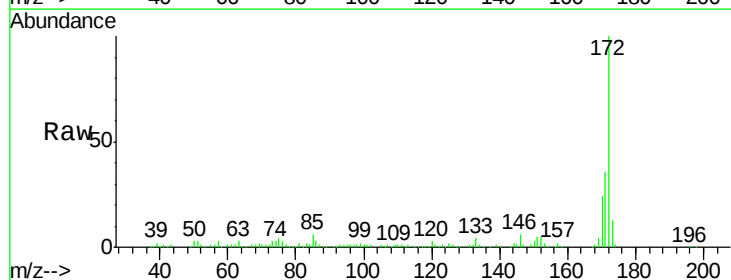


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

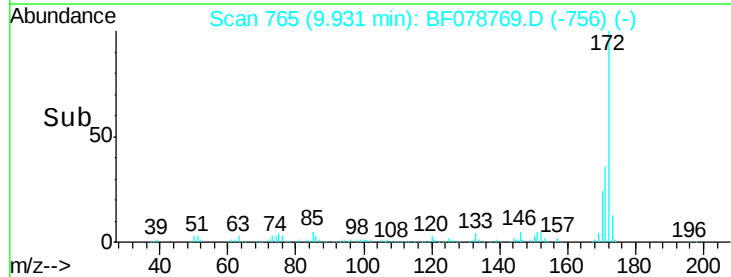
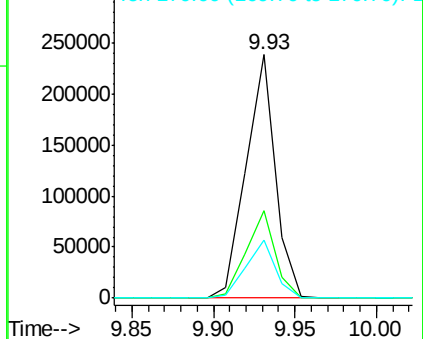


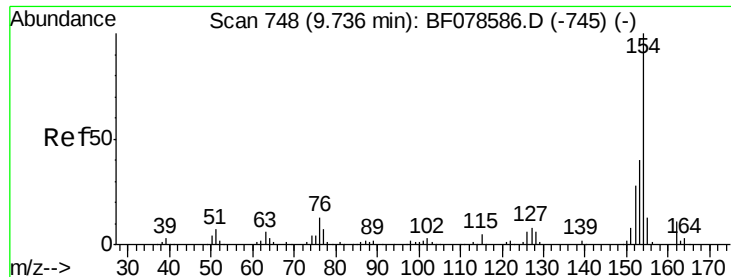
#44  
 2-Fluorobiphenyl  
 Concen: 89.16 ng  
 RT: 9.93 min Scan# 765  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 297307    |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 35.8  | 28.6 42.8 |
| 170         | 23.7  | 18.5 27.7 |



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

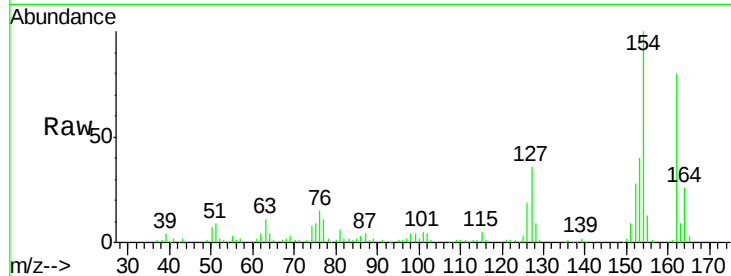




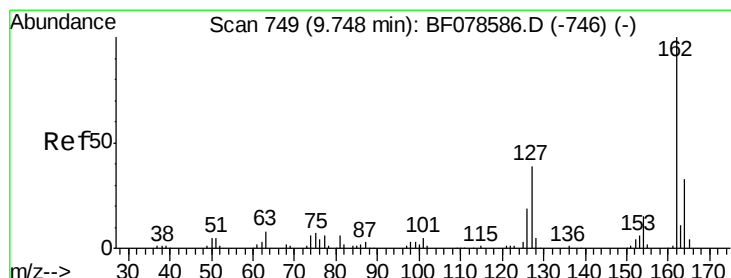
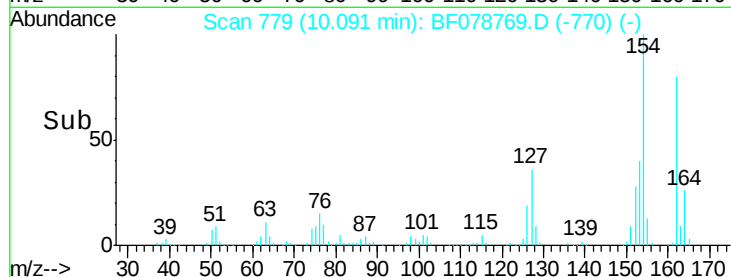
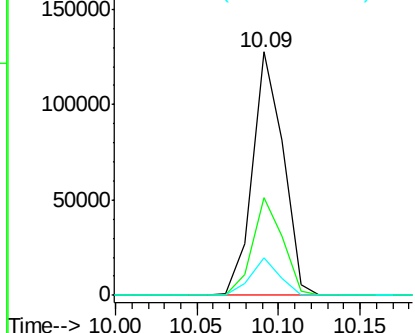
#45  
 1,1'-Biphenyl  
 Concen: 42.73 ng  
 RT: 10.09 min Scan# 779  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

Tot Ion:154 Resp: 166571  
 Ion Ratio Lower Upper  
 154 100  
 153 40.2 20.0 60.0  
 76 15.2 0.0 30.6

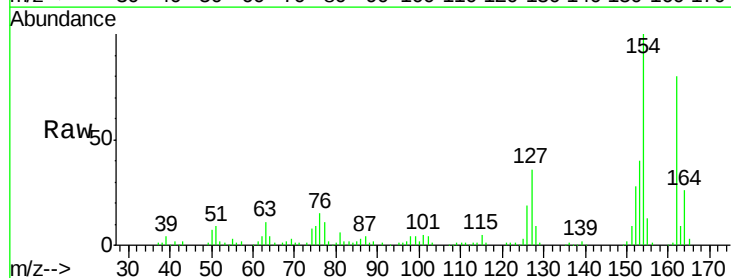


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

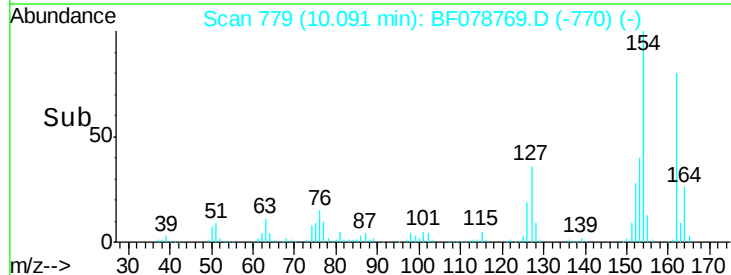
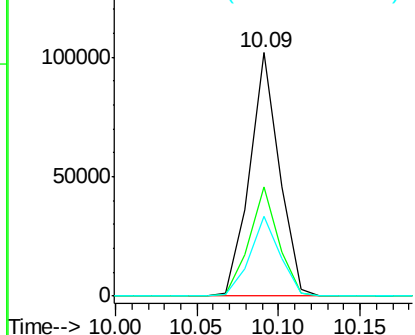


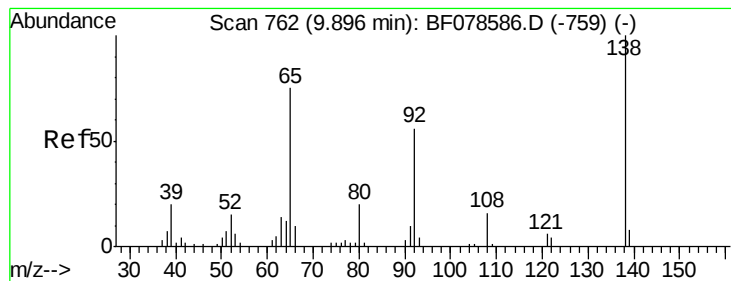
#46  
 2-Chloronaphthalene  
 Concen: 41.96 ng  
 RT: 10.09 min Scan# 779  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

Tgt Ion:162 Resp: 128697  
 Ion Ratio Lower Upper  
 162 100  
 127 44.7 32.6 49.0  
 164 32.8 26.0 39.0



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

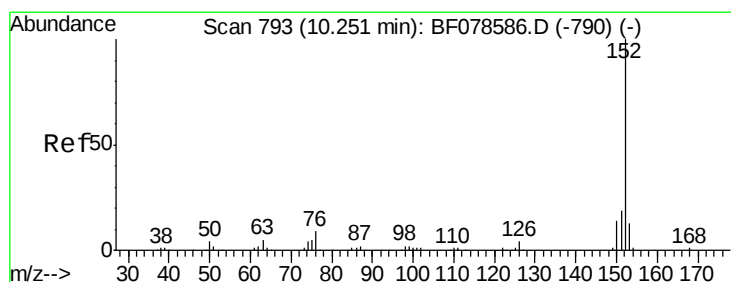
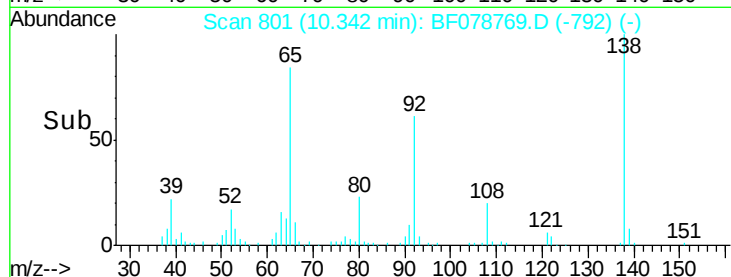
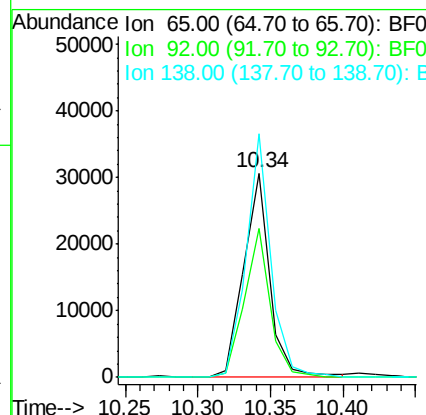
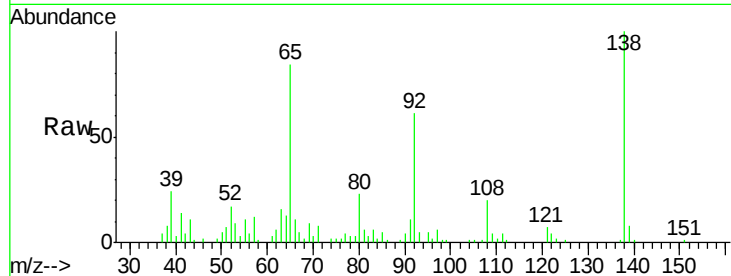




#47  
 2-Nitroaniline  
 Concen: 51.12 ng  
 RT: 10.34 min Scan# 801  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

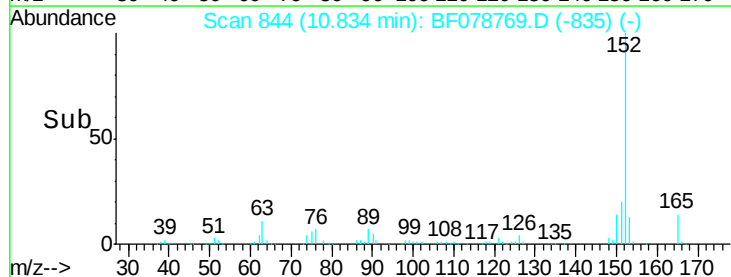
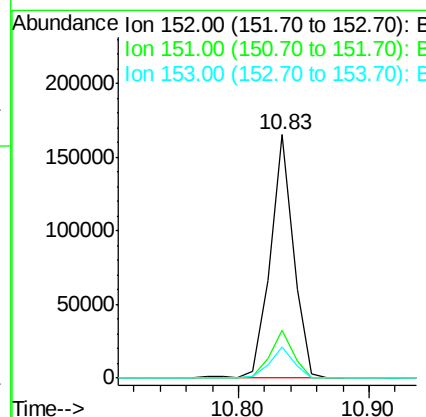
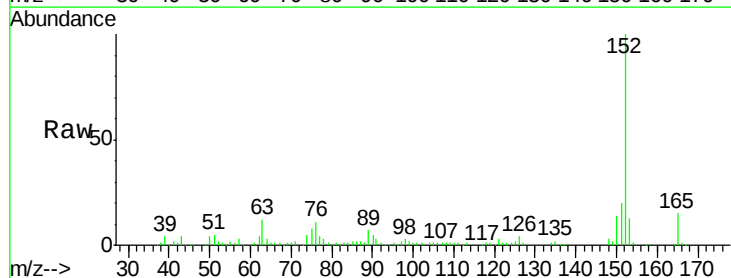
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

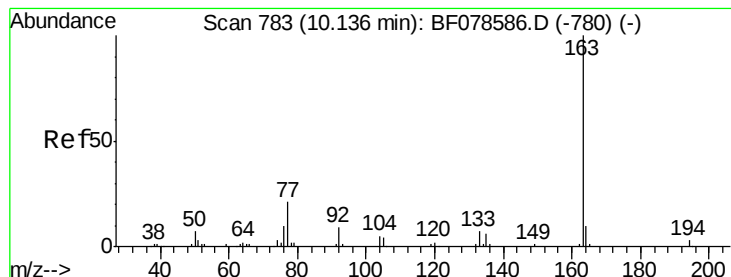
Tot Ion: 65 Resp: 38797  
 Ion Ratio Lower Upper  
 65 100  
 92 73.1 51.3 76.9  
 138 119.2 70.4 105.6#



#48  
 Acenaphthylene  
 Concen: 42.03 ng  
 RT: 10.83 min Scan# 844  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

Tgt Ion: 152 Resp: 208166  
 Ion Ratio Lower Upper  
 152 100  
 151 19.6 15.7 23.5  
 153 12.9 10.2 15.2





#49

Dimethylphthalate

Concen: 46.04 ng

RT: 10.74 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

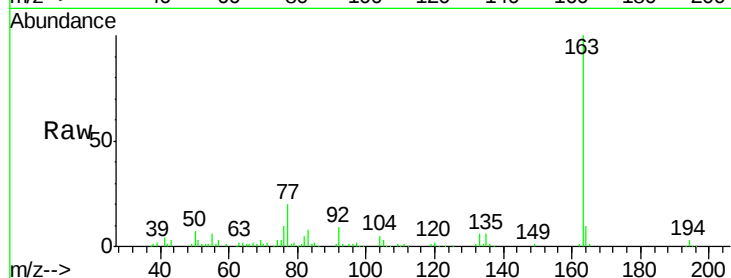
Tot Ion:163 Resp: 164843

Ion Ratio Lower Upper

163 100

194 3.3 2.3 3.5

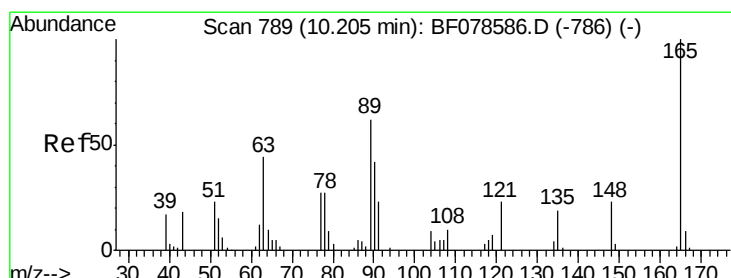
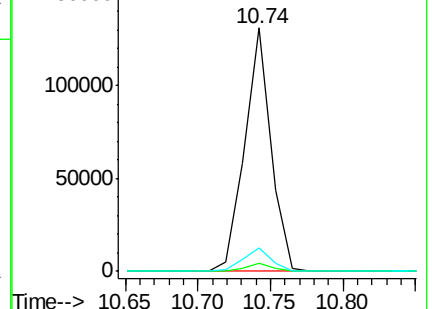
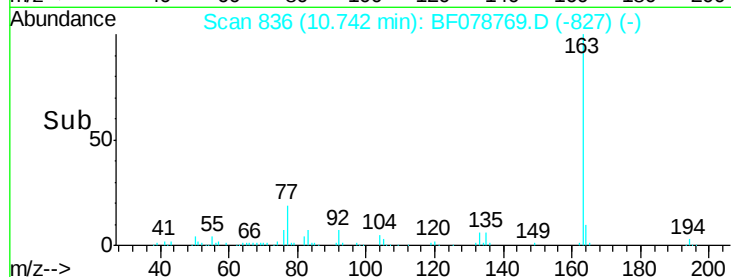
164 9.7 8.6 13.0



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: 43.21 ng

RT: 10.83 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

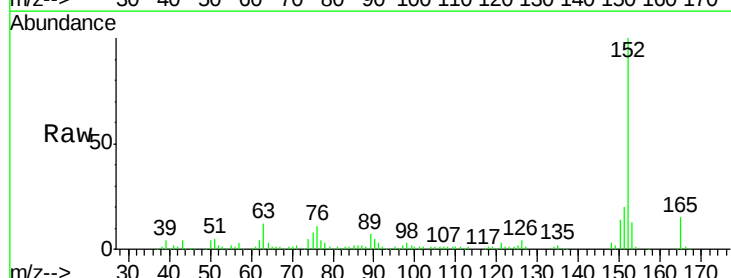
Tgt Ion:165 Resp: 31831

Ion Ratio Lower Upper

165 100

63 81.2 24.1 36.1#

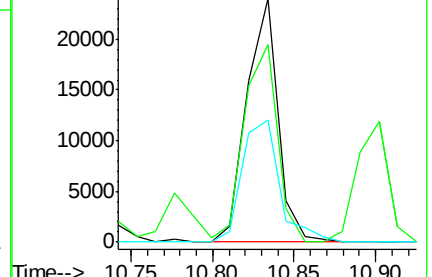
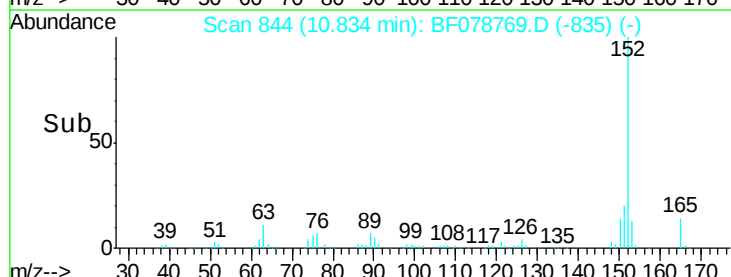
89 50.0 28.9 43.3#

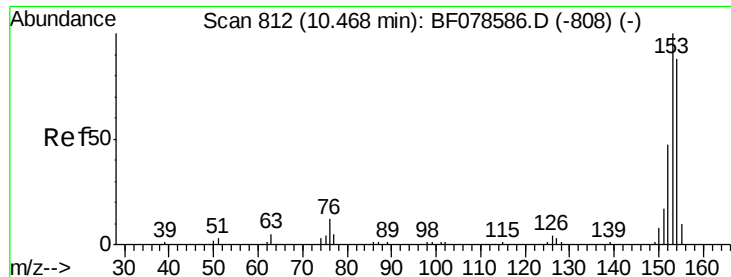


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.18 ng

RT: 11.17 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

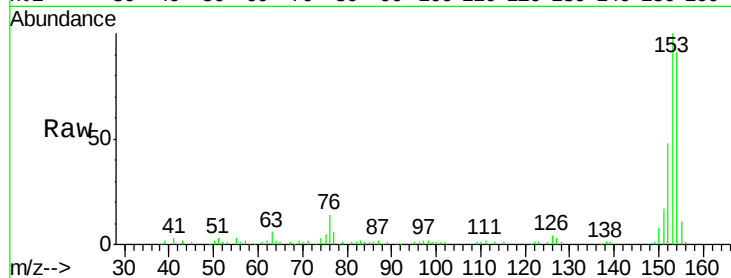
Tot Ion:154 Resp: 123194

Ion Ratio Lower Upper

154 100

153 110.4 91.4 137.2

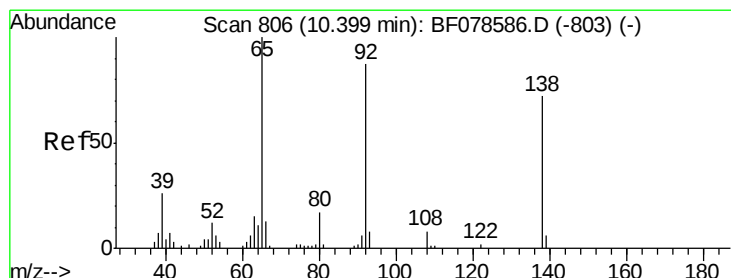
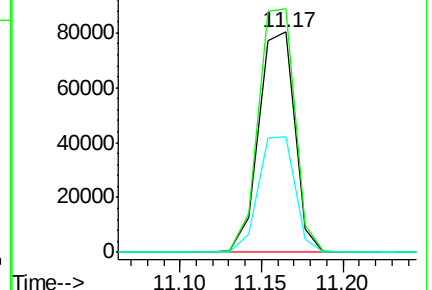
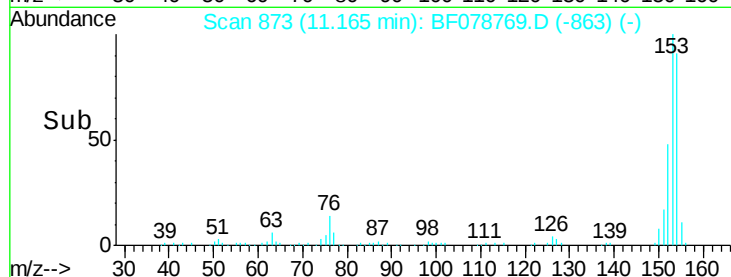
152 52.5 43.0 64.6



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: 26.07 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

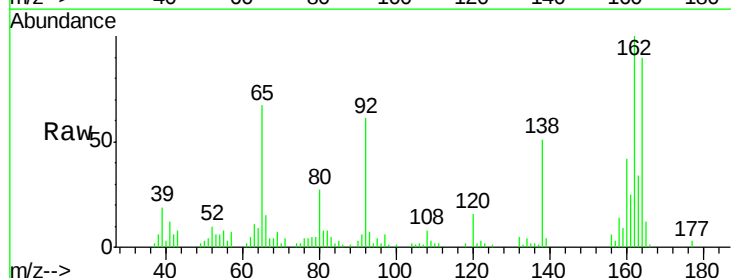
Tgt Ion:138 Resp: 21837

Ion Ratio Lower Upper

138 100

108 15.3 8.2 12.4#

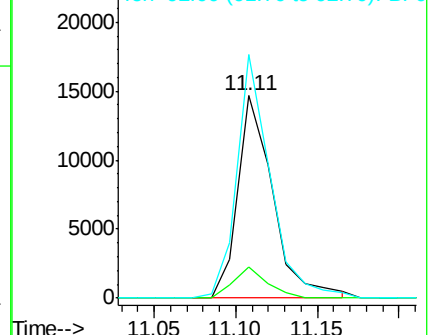
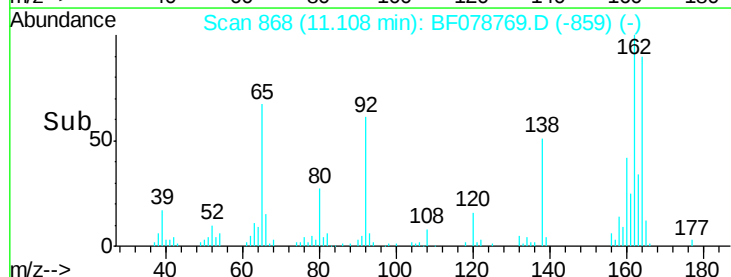
92 120.2 88.4 132.6

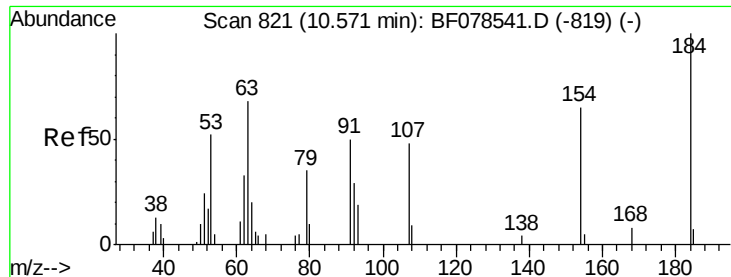


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

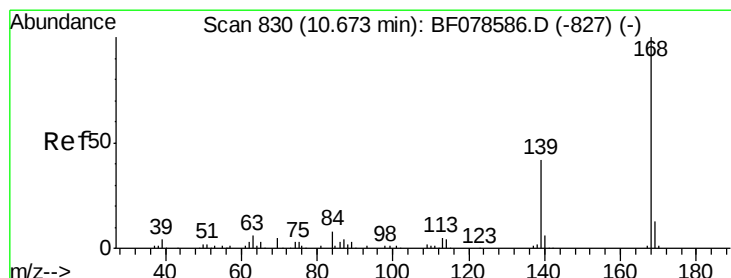
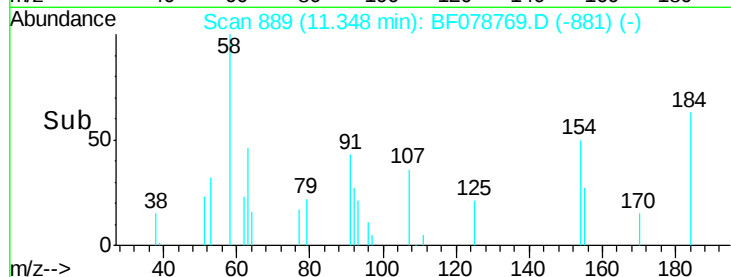
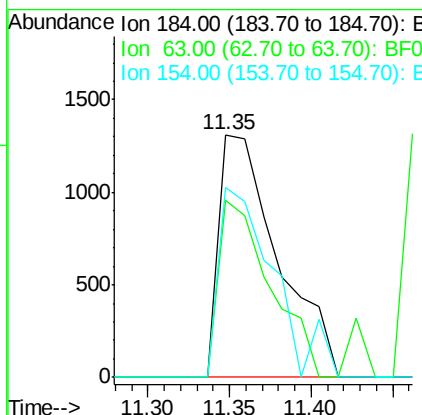
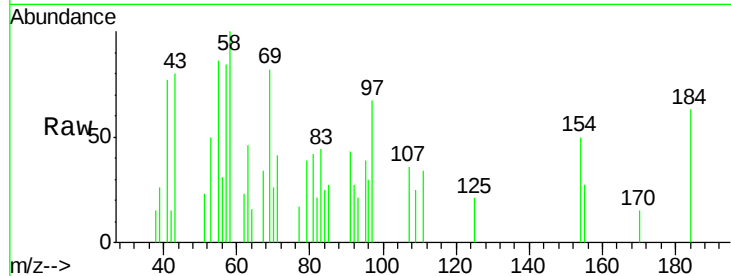




#53  
 2,4-Dinitrophenol  
 Concen: 22.25 ng  
 RT: 11.35 min Scan# 889  
 Delta R.T. -0.01 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

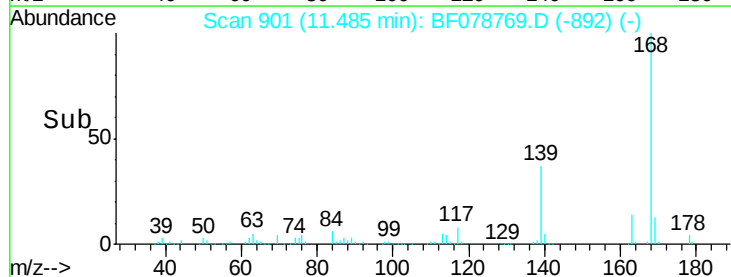
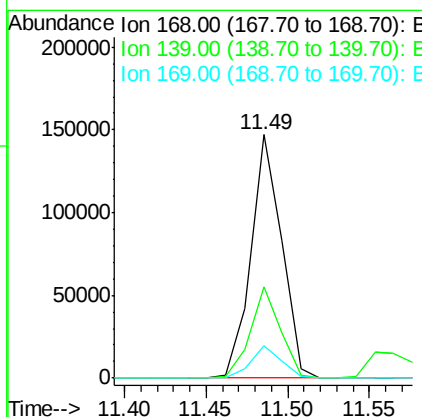
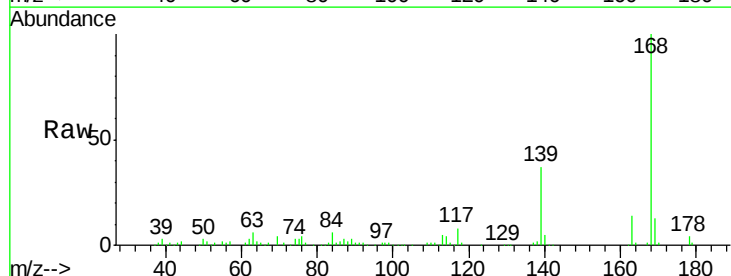
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

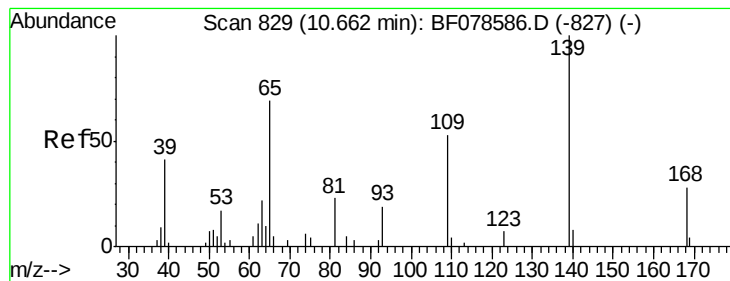
Tot Ion:184 Resp: 3309  
 Ion Ratio Lower Upper  
 184 100  
 63 72.7 51.9 77.9  
 154 78.3 51.0 76.4#



#54  
 Dibenzofuran  
 Concen: 45.01 ng  
 RT: 11.49 min Scan# 901  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

Tgt Ion:168 Resp: 191701  
 Ion Ratio Lower Upper  
 168 100  
 139 37.5 31.0 46.4  
 169 13.5 10.7 16.1





#55

4-Nitrophenol

Concen: 61.69 ng

RT: 11.55 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

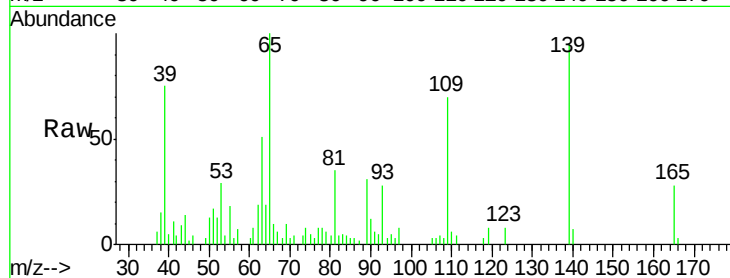
Tot Ion:139 Resp: 37650

Ion Ratio Lower Upper

139 100

109 73.2 36.7 76.7

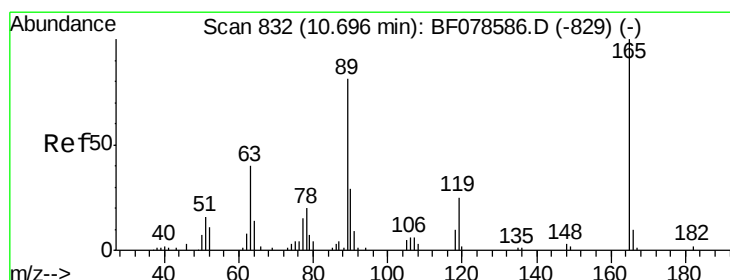
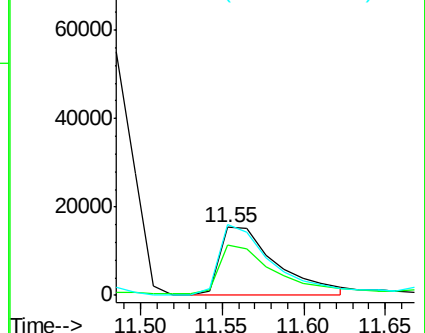
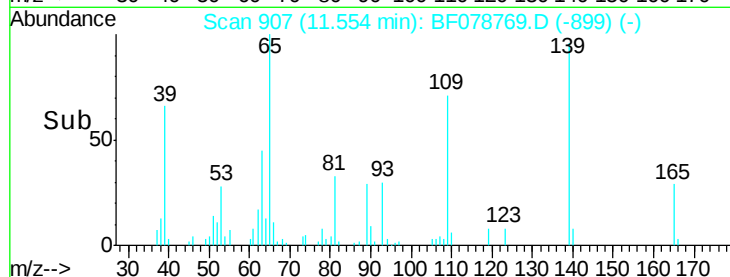
65 104.8 49.9 89.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.52 ng

RT: 11.57 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Tgt Ion:165 Resp: 42477

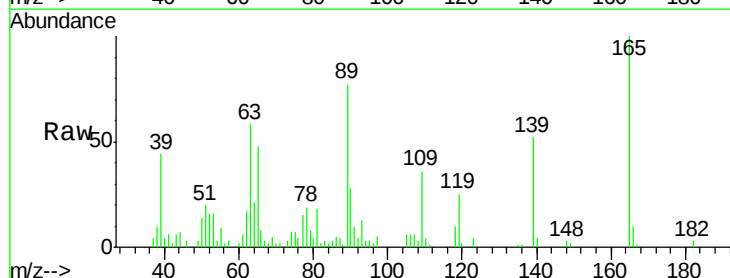
Ion Ratio Lower Upper

165 100

63 58.0 26.5 39.7#

89 76.9 46.4 69.6#

182 2.7 2.0 3.0

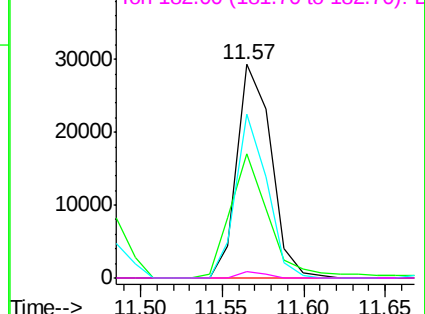
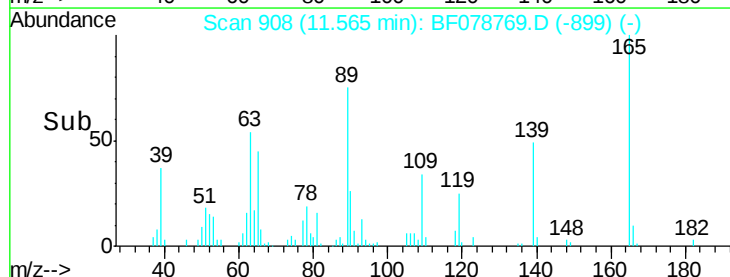


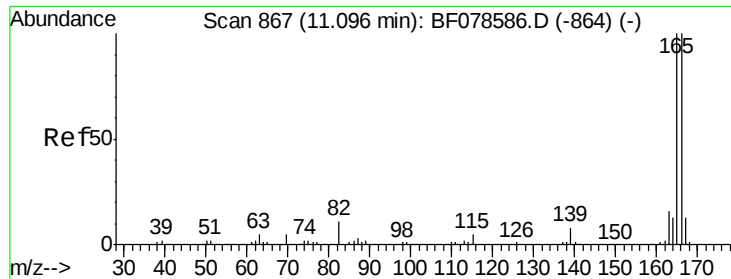
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

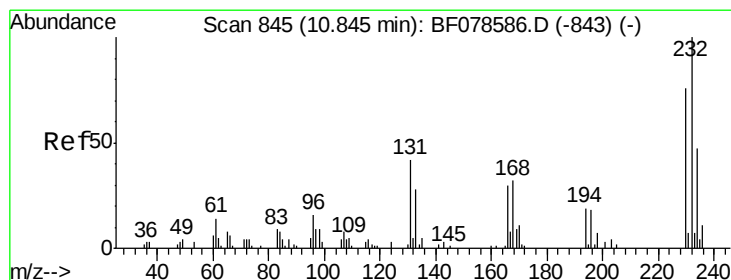
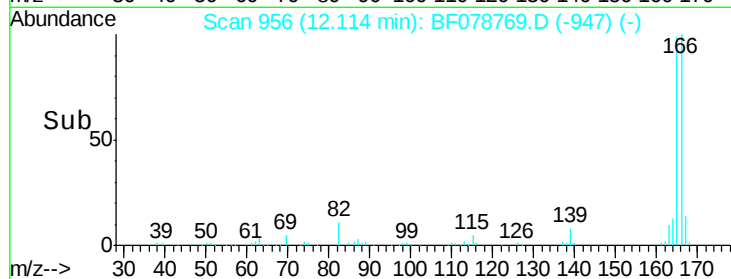
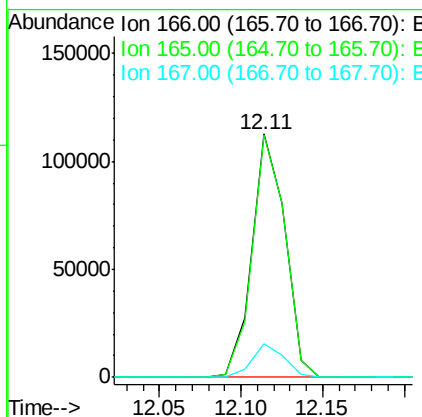
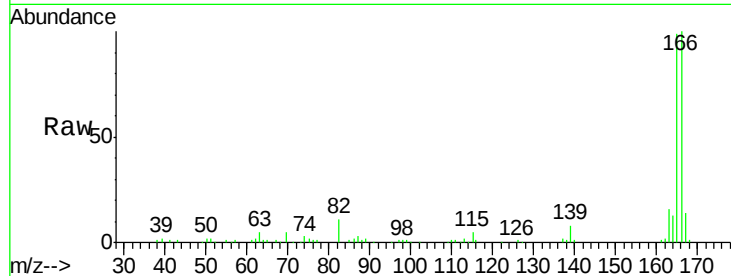




#57  
**Fluorene**  
 Concen: 45.90 ng  
 RT: 12.11 min Scan# 956  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

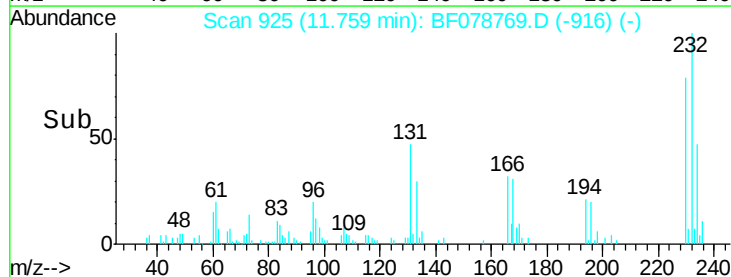
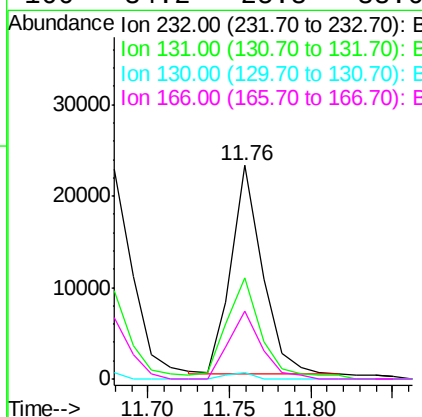
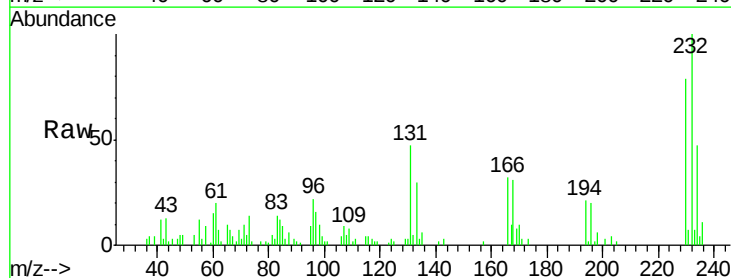
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

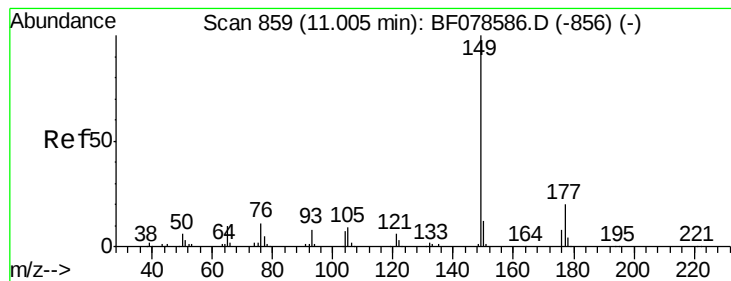
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.4  | 78.9  | 118.3 |
| 167     | 13.6  | 10.7  | 16.1  |



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 42.17 ng  
 RT: 11.76 min Scan# 925  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 47.6  | 37.8  | 56.8  |
| 130     | 2.7   | 1.5   | 2.3#  |
| 166     | 34.2  | 25.8  | 38.6  |





#59

Diethylphthalate

Concen: 45.29 ng

RT: 12.06 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

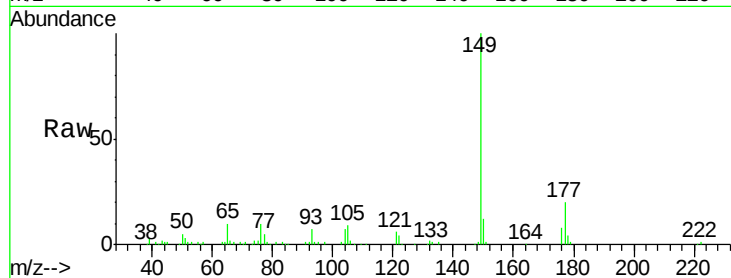
Tot Ion:149 Resp: 156361

Ion Ratio Lower Upper

149 100

177 19.8 17.4 26.2

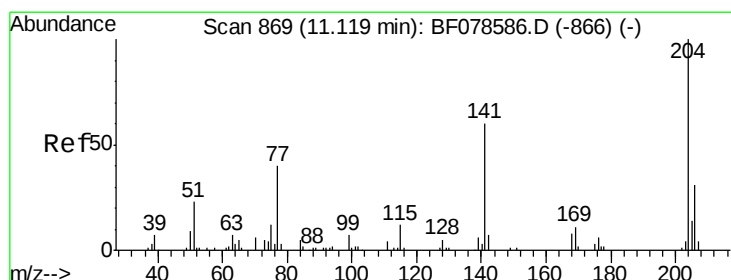
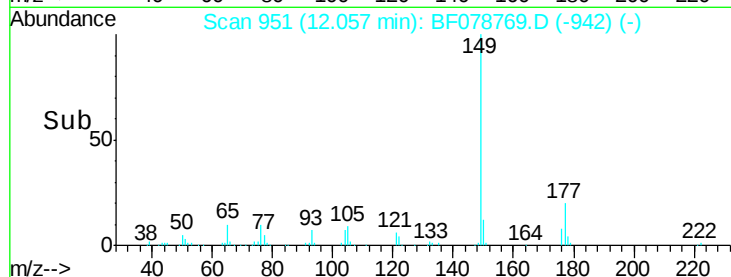
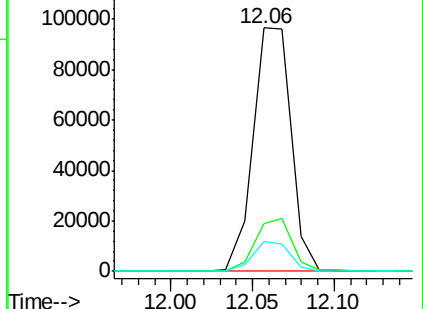
150 12.4 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.39 ng

RT: 12.18 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

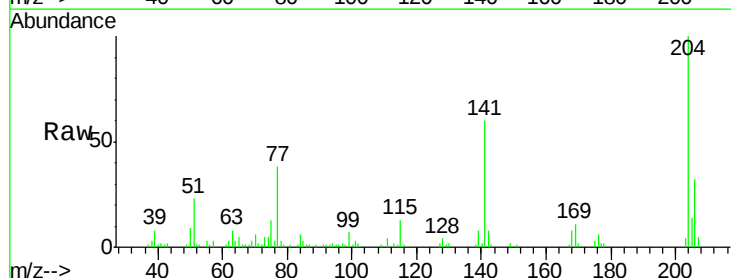
Tgt Ion:204 Resp: 70500

Ion Ratio Lower Upper

204 100

206 32.3 25.6 38.4

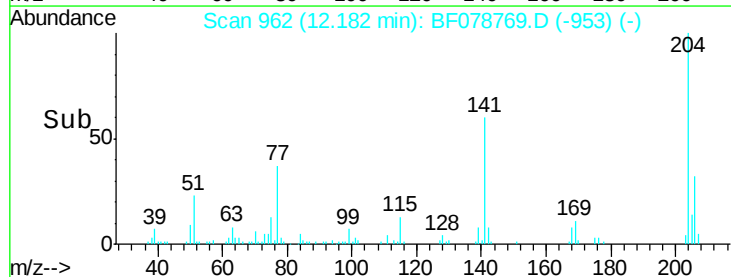
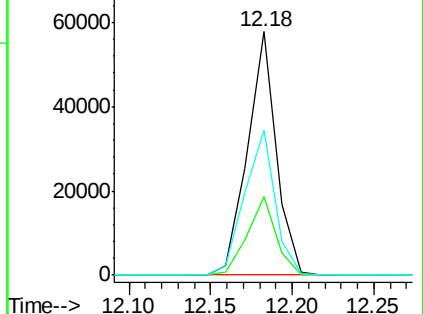
141 59.8 35.4 53.0#

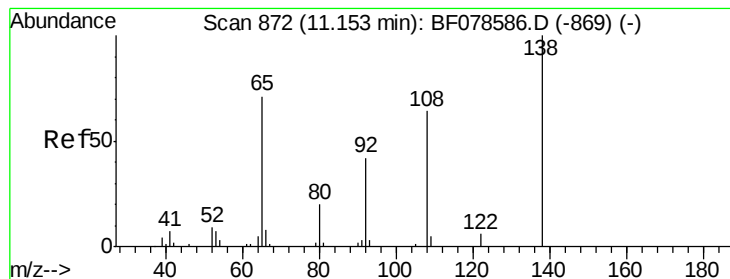


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.56 ng

RT: 12.24 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

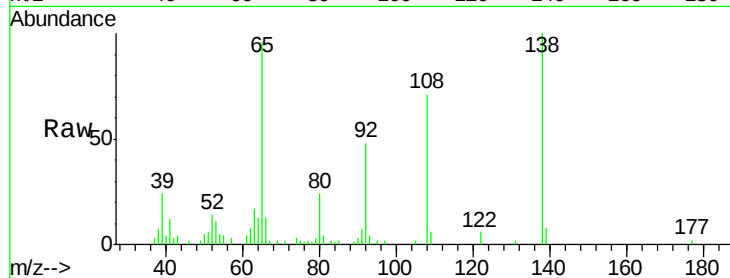
Tot Ion:138 Resp: 32654

Ion Ratio Lower Upper

138 100

92 47.5 27.3 67.3

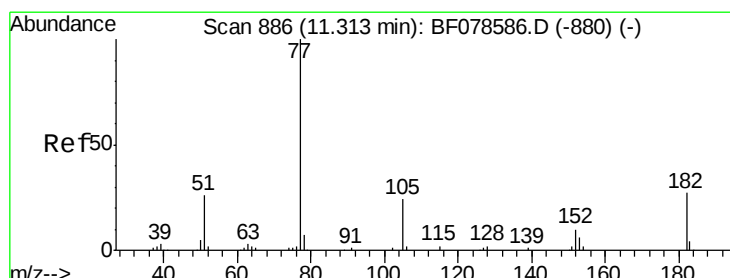
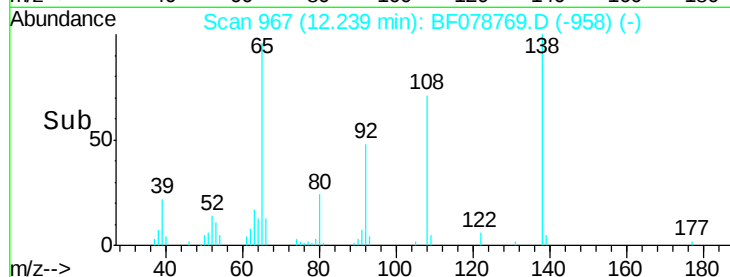
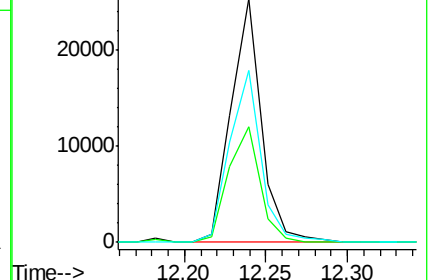
108 70.8 47.2 87.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.67 ng

RT: 12.47 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Tgt Ion: 77 Resp: 150220

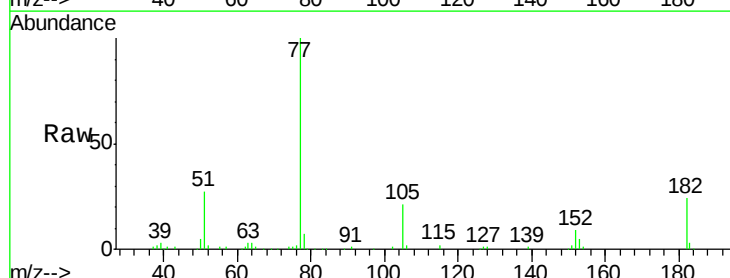
Ion Ratio Lower Upper

77 100

182 23.5 0.0 36.8

105 21.0 0.3 40.3

51 27.1 9.1 49.1

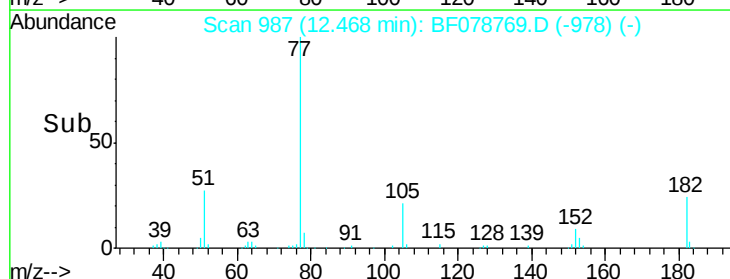
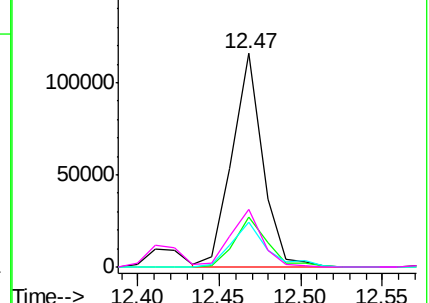


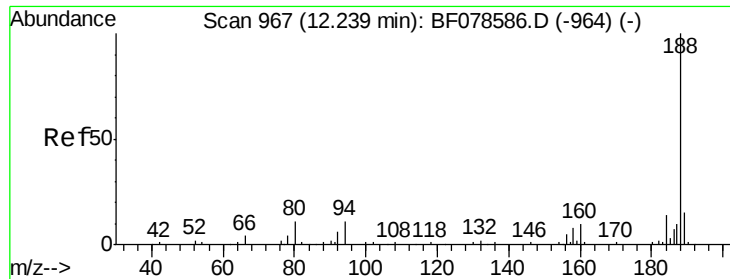
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

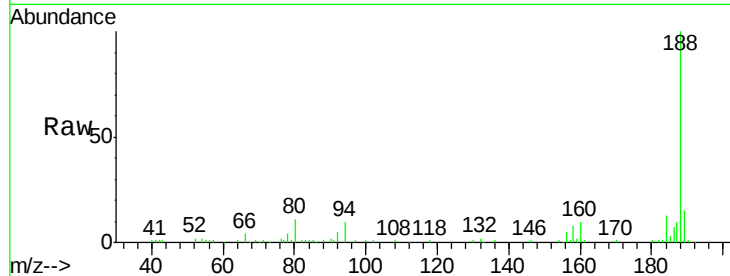




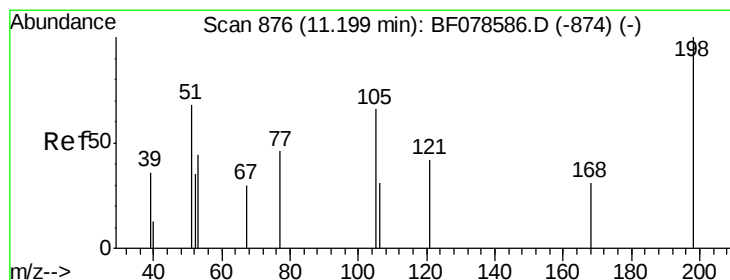
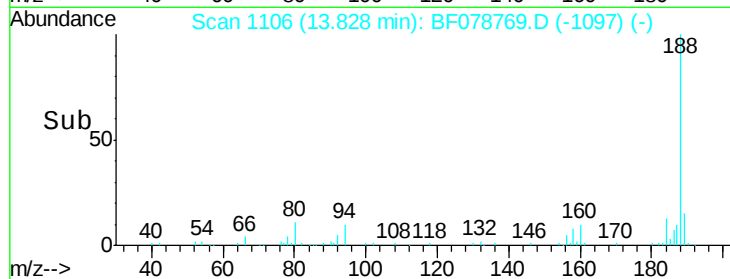
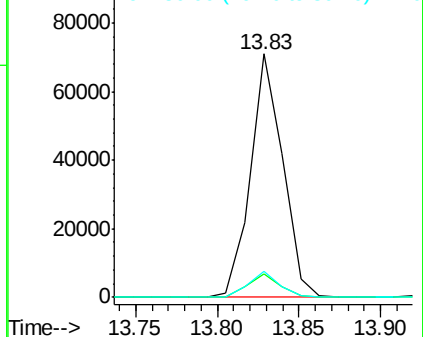
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 13.83 min Scan# 1106  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PITMS

Tot Ion:188 Resp: 97077  
Ion Ratio Lower Upper  
188 100  
94 9.8 9.0 13.4  
80 10.8 9.5 14.3

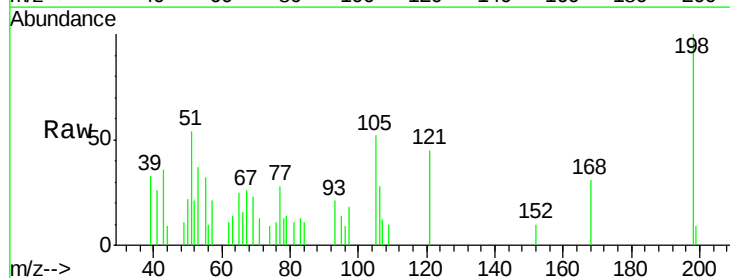


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

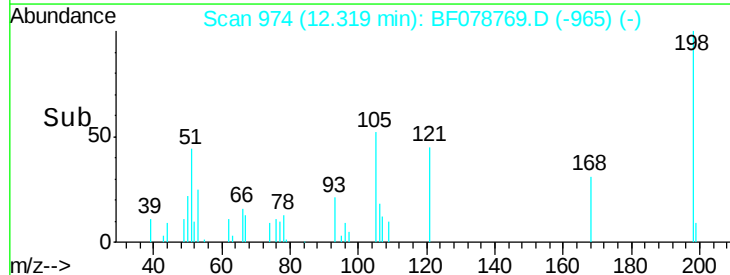
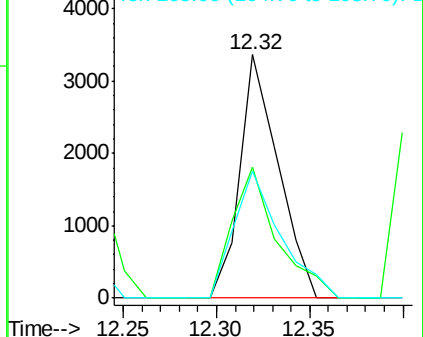


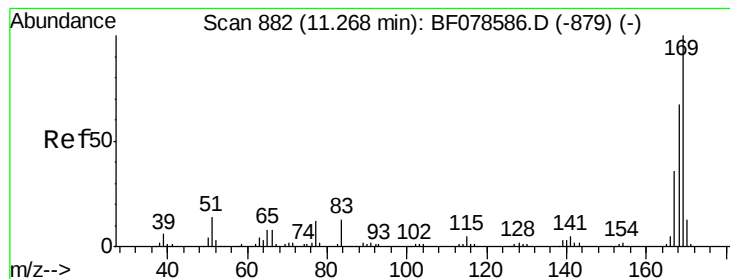
#64  
4,6-Dinitro-2-methylphenol  
Concen: 16.78 ng  
RT: 12.32 min Scan# 974  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Tgt Ion:198 Resp: 4819  
Ion Ratio Lower Upper  
198 100  
51 53.7 48.6 88.6  
105 52.2 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E

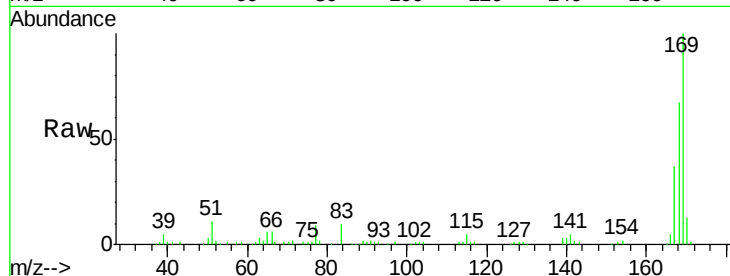




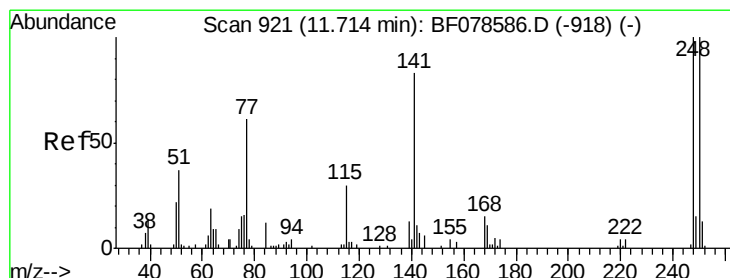
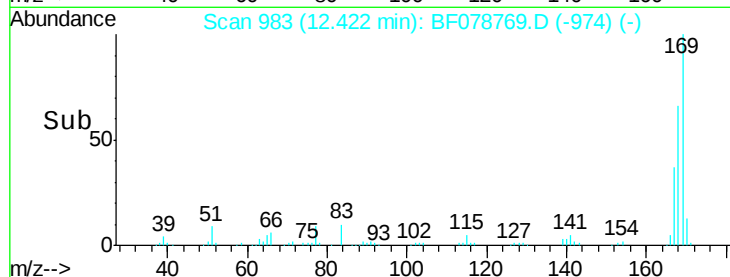
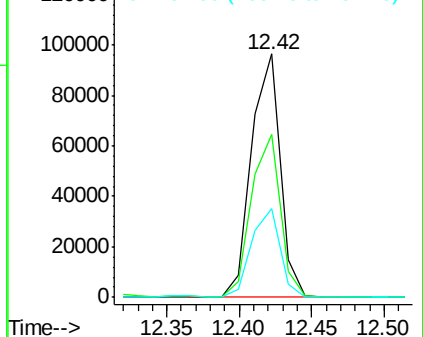
#65  
 n-Nitrosodiphenylamine  
 Concen: 39.62 ng  
 RT: 12.42 min Scan# 983  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

Tot Ion:169 Resp: 133031  
 Ion Ratio Lower Upper  
 169 100  
 168 67.0 55.0 82.4  
 167 36.7 29.3 43.9

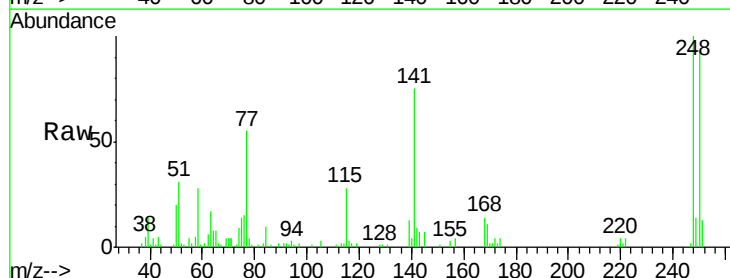


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

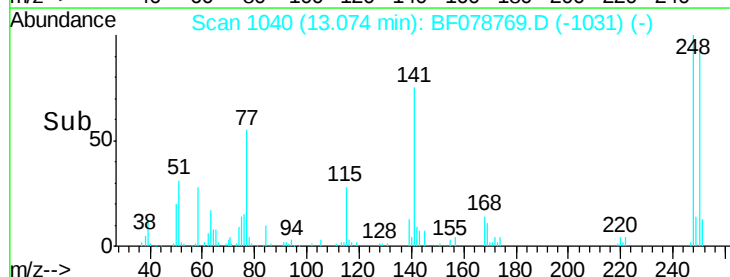
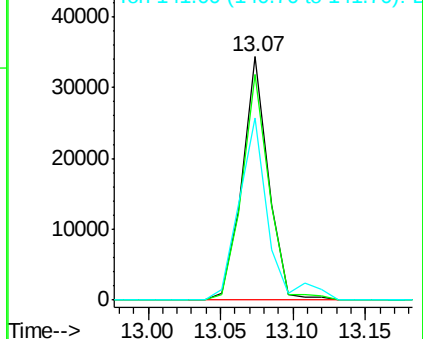


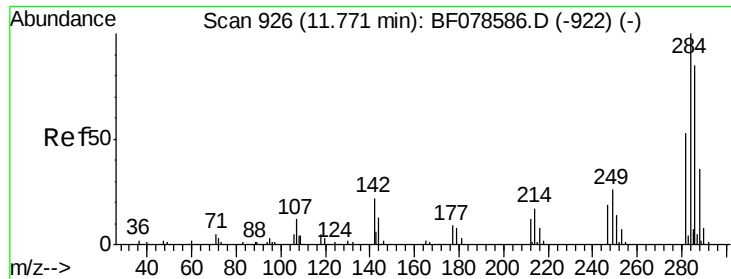
#66  
 4-Bromophenyl-phenylether  
 Concen: 42.00 ng  
 RT: 13.07 min Scan# 1040  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

Tgt Ion:248 Resp: 43175  
 Ion Ratio Lower Upper  
 248 100  
 250 93.0 78.2 117.2  
 141 74.9 66.4 99.6



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

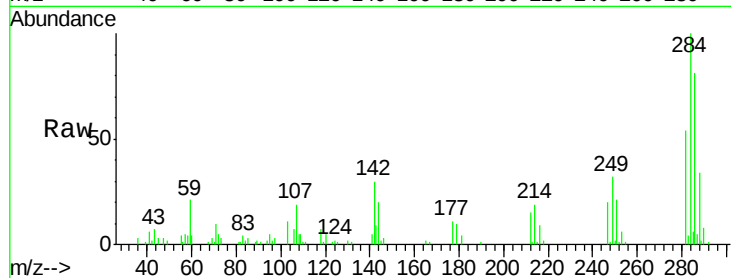




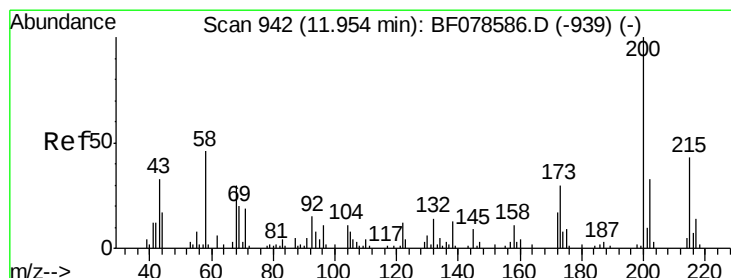
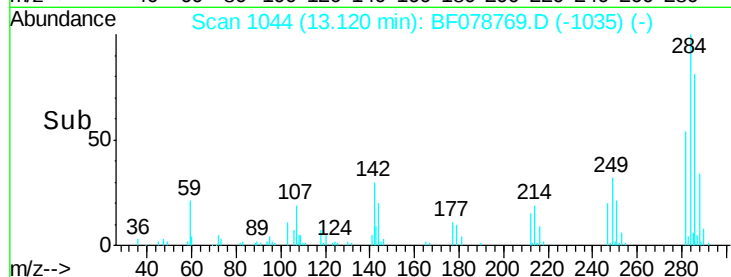
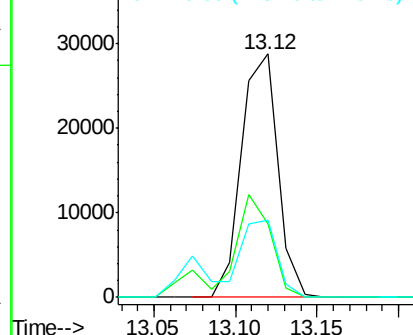
#67  
Hexachlorobenzene  
Concen: 39.42 ng  
RT: 13.12 min Scan# 1044  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PITMS

Tot Ion:284 Resp: 44415  
Ion Ratio Lower Upper  
284 100  
142 30.0 24.5 36.7  
249 31.6 24.8 37.2

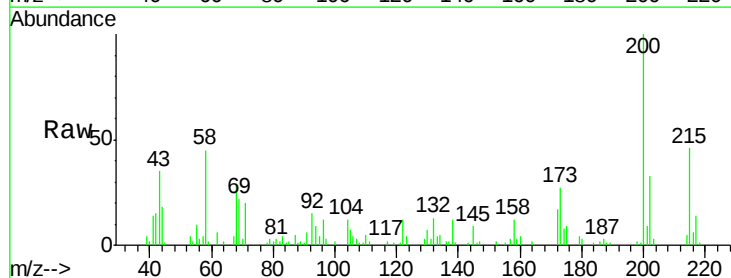


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

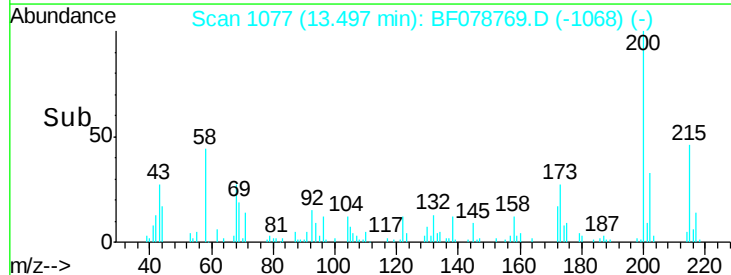
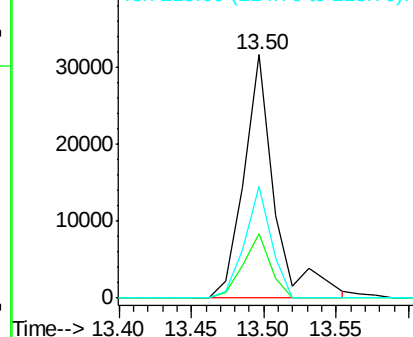


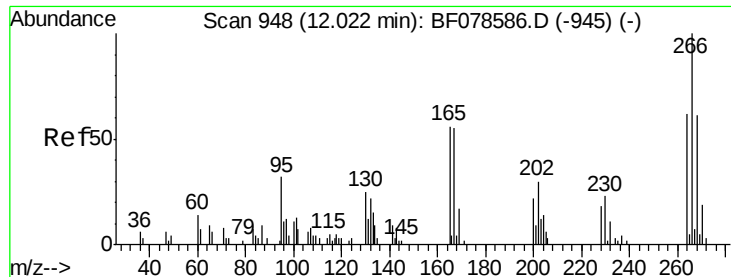
#68  
Atrazine  
Concen: 47.67 ng  
RT: 13.50 min Scan# 1077  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Tgt Ion:200 Resp: 46365  
Ion Ratio Lower Upper  
200 100  
173 26.5 6.9 46.9  
215 45.8 27.1 67.1



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

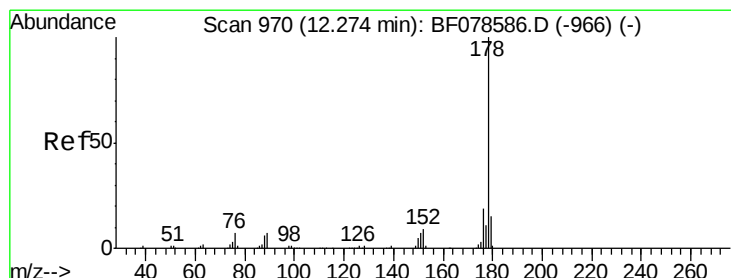
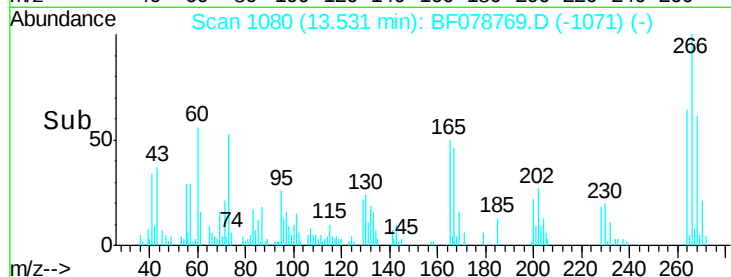
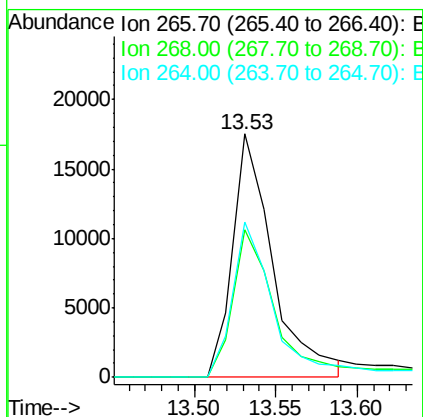
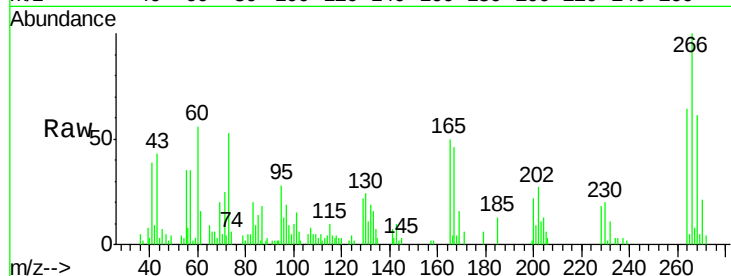




#69  
 Pentachlorophenol  
 Concen: 61.91 ng  
 RT: 13.53 min Scan# 1080  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

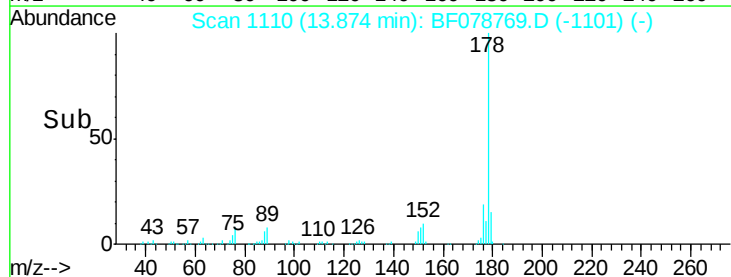
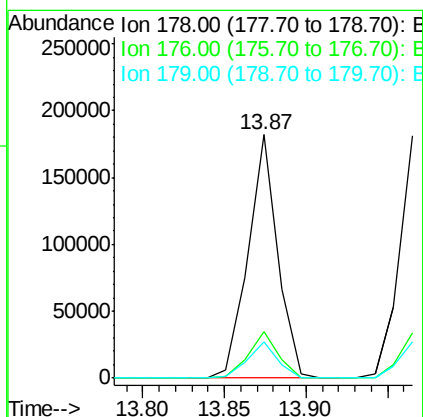
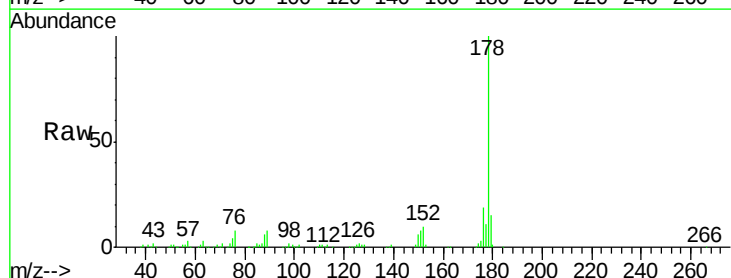
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

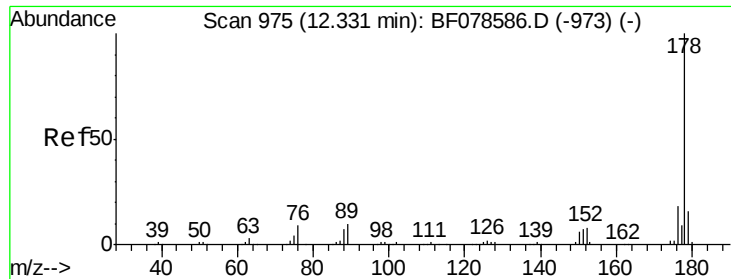
Tot Ion:266 Resp: 29961  
 Ion Ratio Lower Upper  
 266 100  
 268 60.7 50.1 75.1  
 264 64.0 50.0 75.0



#70  
 Phenanthrene  
 Concen: 40.83 ng  
 RT: 13.87 min Scan# 1110  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

Tgt Ion:178 Resp: 229291  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 15.4 23.0  
 179 15.0 12.2 18.2

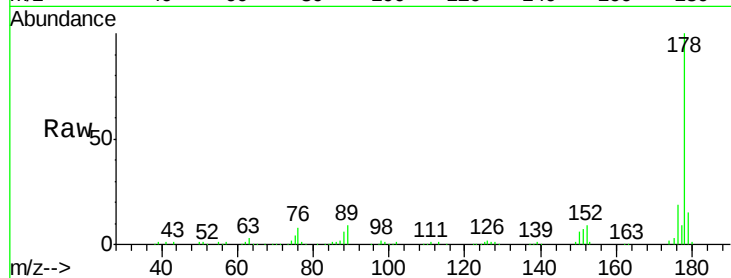




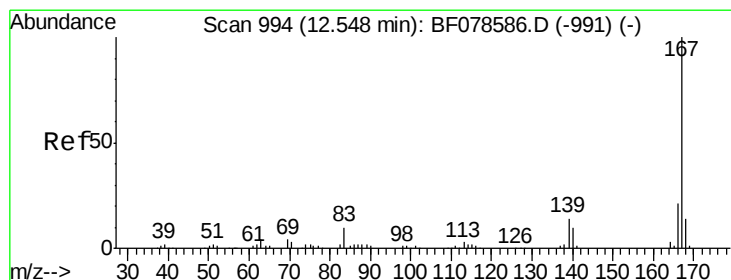
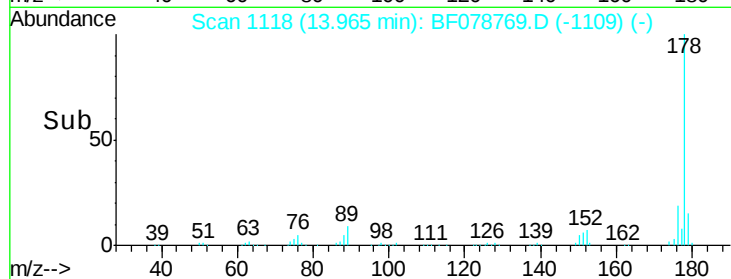
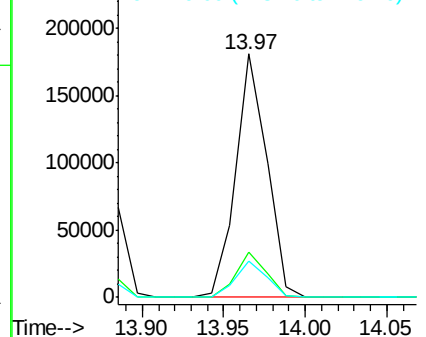
#71  
 Anthracene  
 Concen: 42.85 ng  
 RT: 13.97 min Scan# 1118  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 18.6 | 14.8  | 22.2  |       |
| 179     | 15.1 | 12.4  | 18.6  |       |

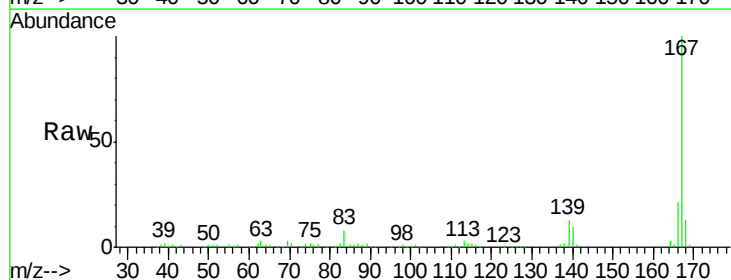


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

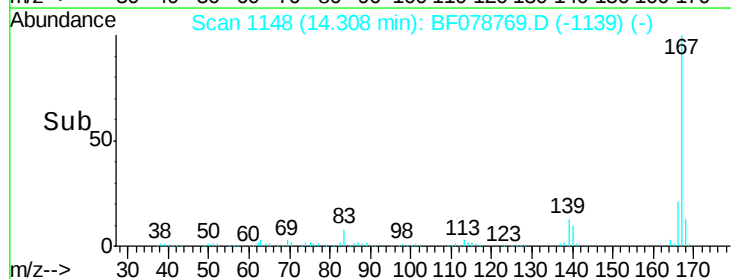
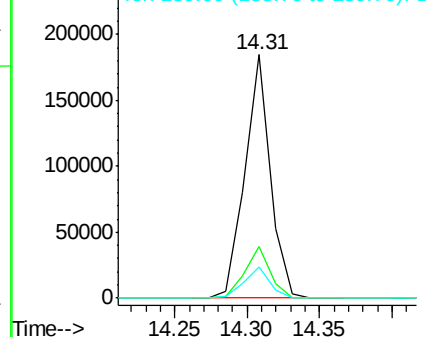


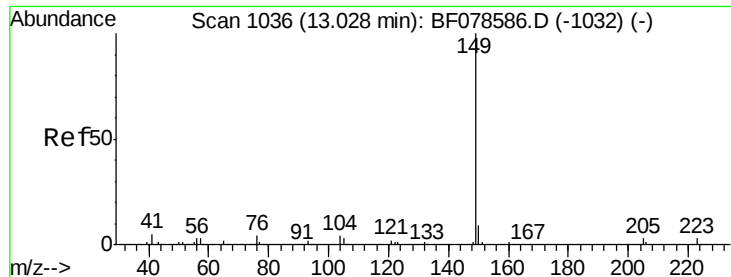
#72  
 Carbazole  
 Concen: 43.32 ng  
 RT: 14.31 min Scan# 1148  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 167     | 100  |       |       |       |
| 166     | 21.2 | 16.8  | 25.2  |       |
| 139     | 12.7 | 10.0  | 15.0  |       |



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





#73

Di-n-butylphthalate

Concen: 45.83 ng

RT: 14.99 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

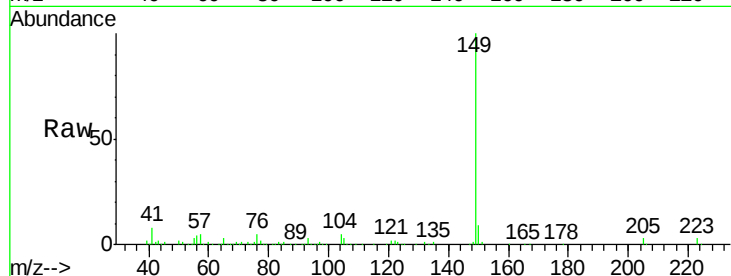
Tot Ion:149 Resp: 269226

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

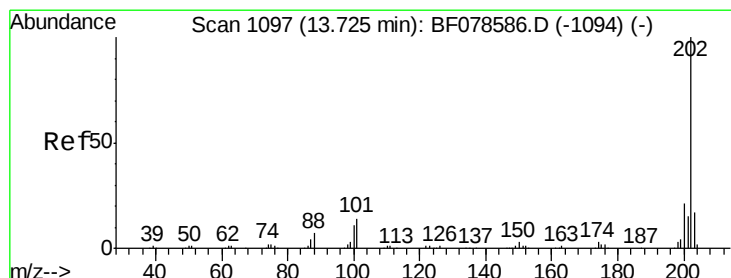
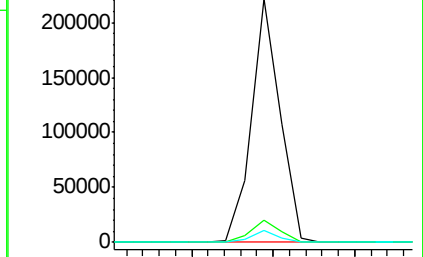
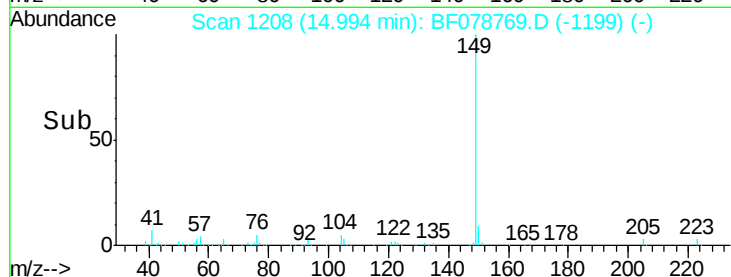
104 4.7 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.59 ng

RT: 15.77 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

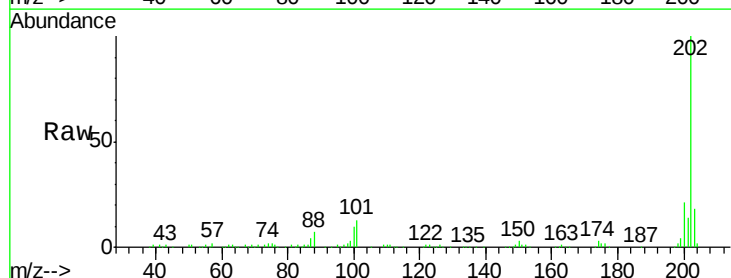
Tgt Ion:202 Resp: 252246

Ion Ratio Lower Upper

202 100

101 13.3 0.0 35.2

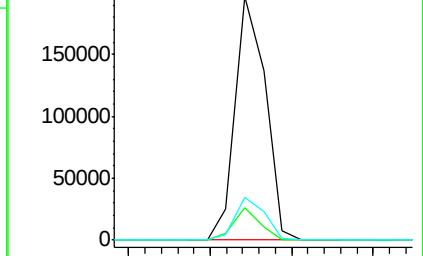
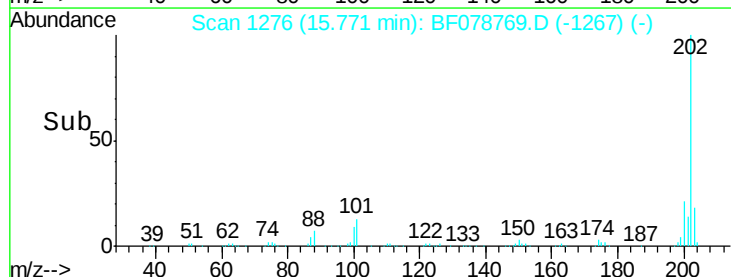
203 17.7 0.0 38.5

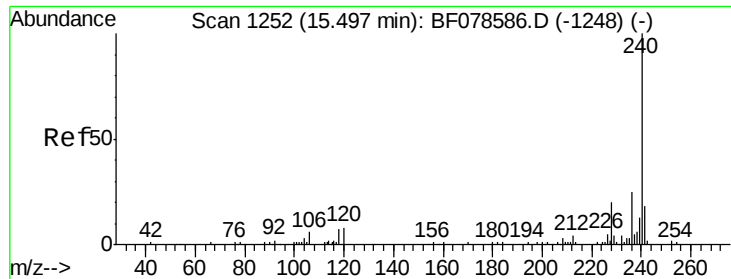


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.71 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

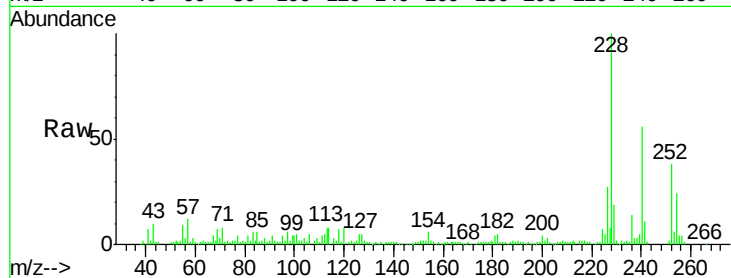
Tot Ion:240 Resp: 99513

Ion Ratio Lower Upper

240 100

120 14.3 7.1 10.7#

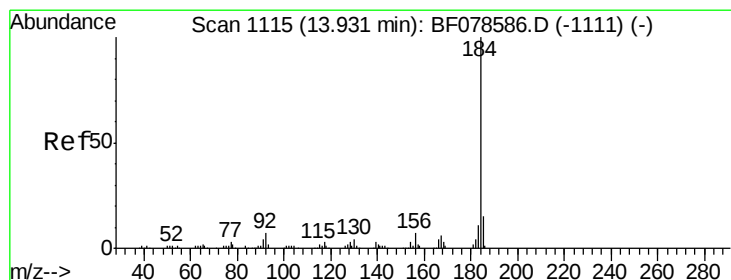
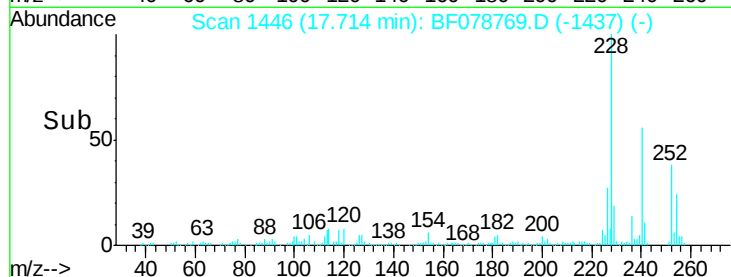
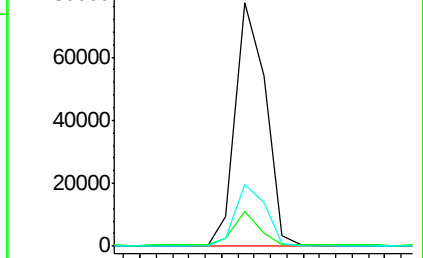
236 25.6 21.4 32.2



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: 16.00 ng

RT: 16.05 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

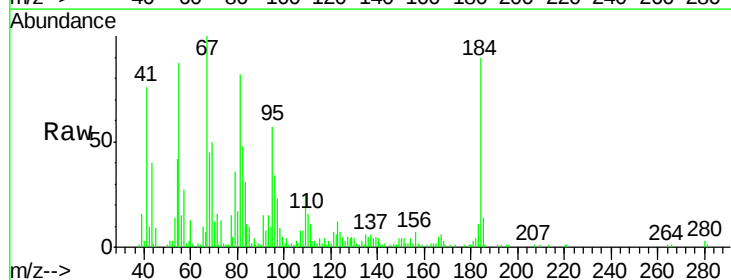
Tgt Ion:184 Resp: 61304

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

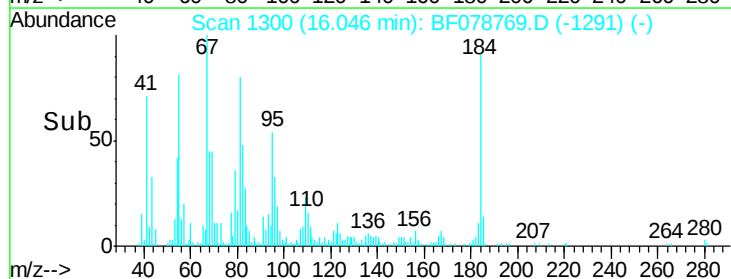
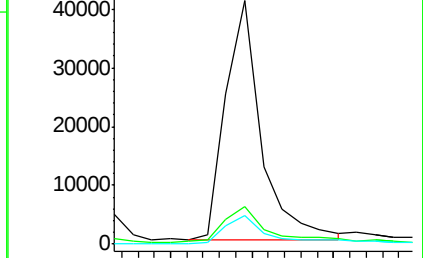
183 11.9 9.5 14.3

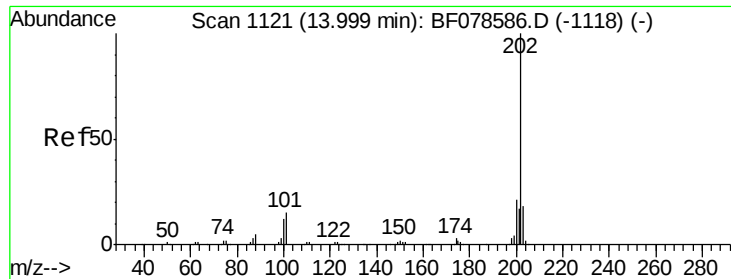


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

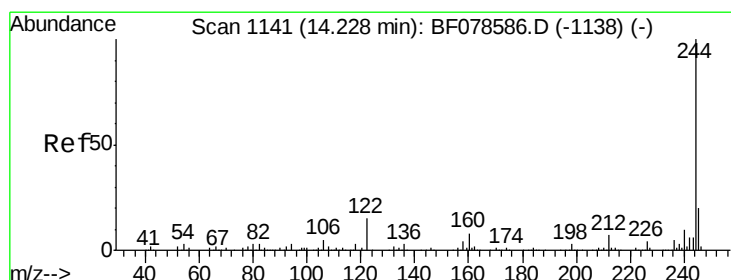
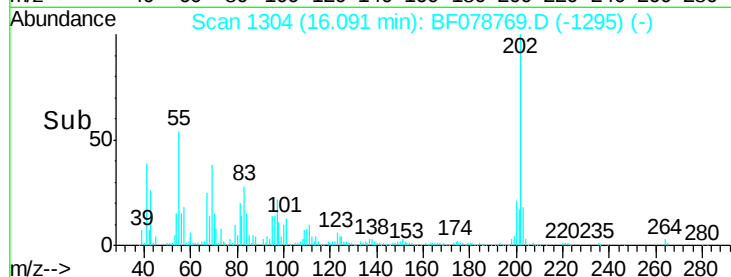
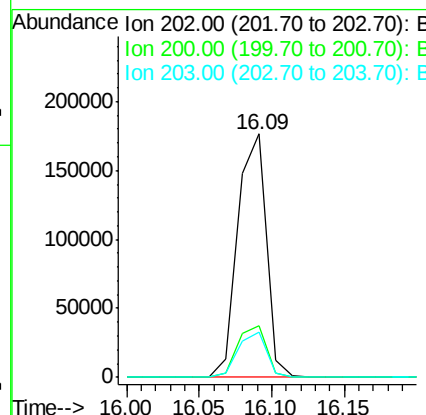
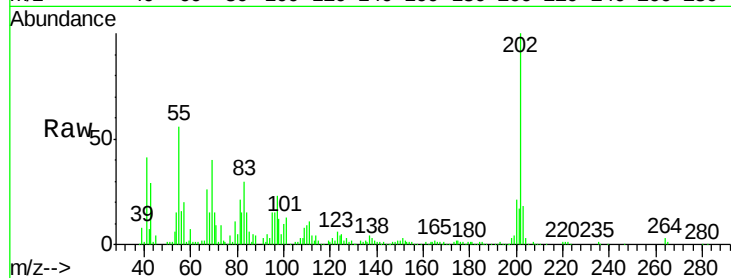




#77  
Pvrene  
Concen: 38.62 ng  
RT: 16.09 min Scan# 1304  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

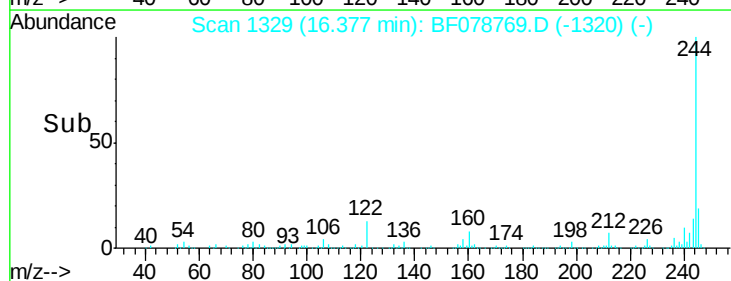
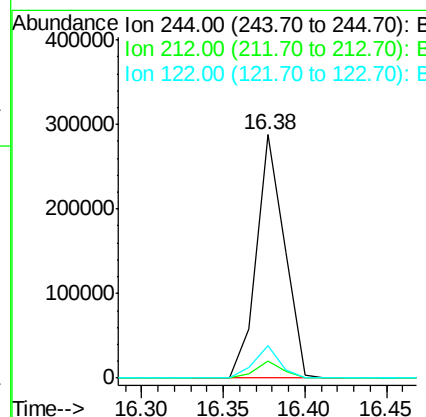
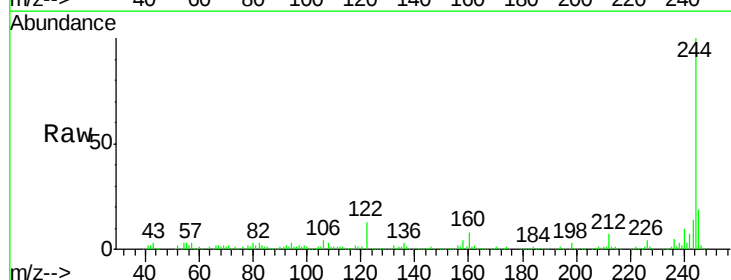
Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PITMS

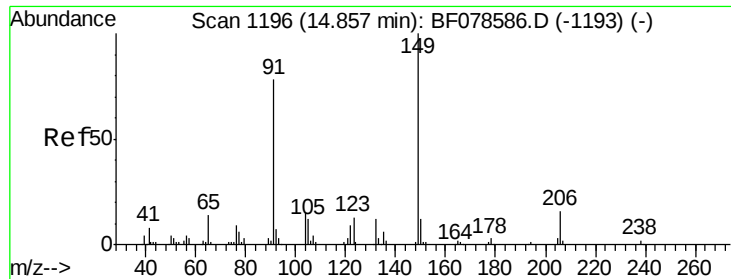
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.4  | 16.3  | 24.5  |
| 203     | 18.5  | 13.8  | 20.6  |



#78  
Terphenyl-d14  
Concen: 77.88 ng  
RT: 16.38 min Scan# 1329  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 5.0   | 7.4   |
| 122     | 13.4  | 7.1   | 10.7  |

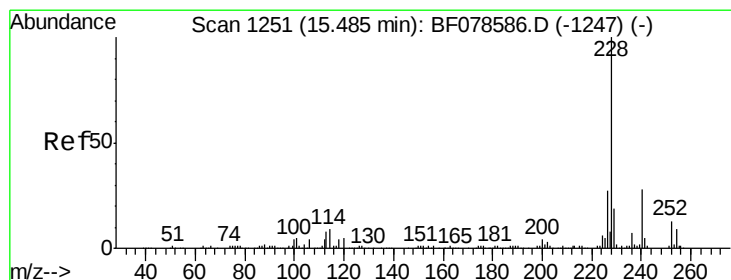
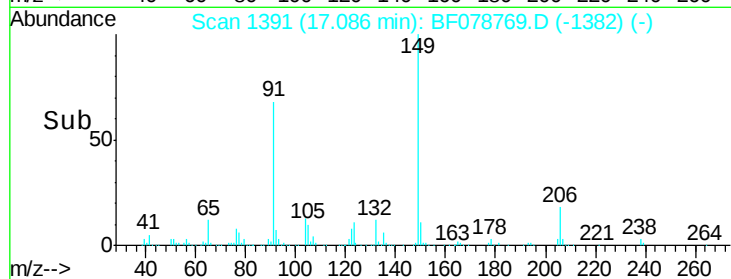
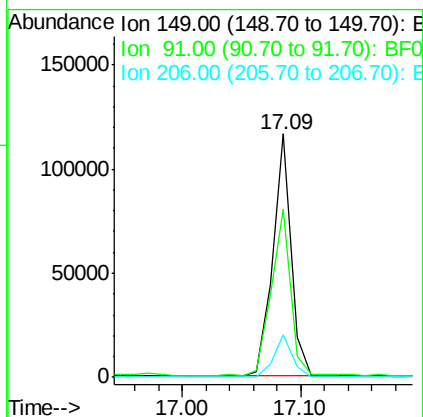
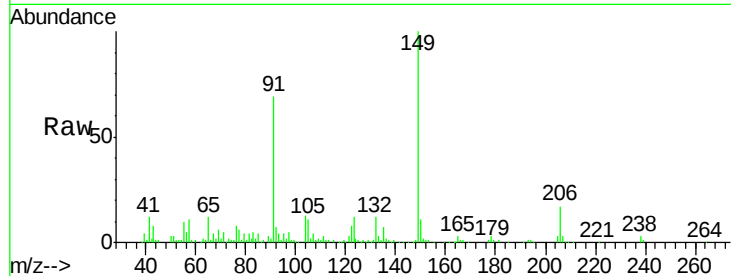




#79  
Butylbenzylphthalate  
Concen: 52.20 ng  
RT: 17.09 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

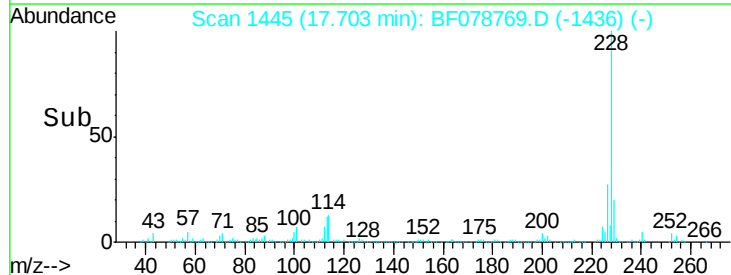
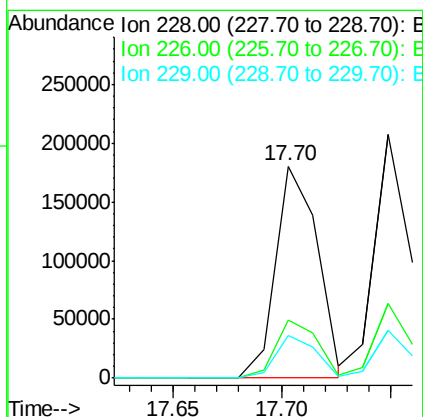
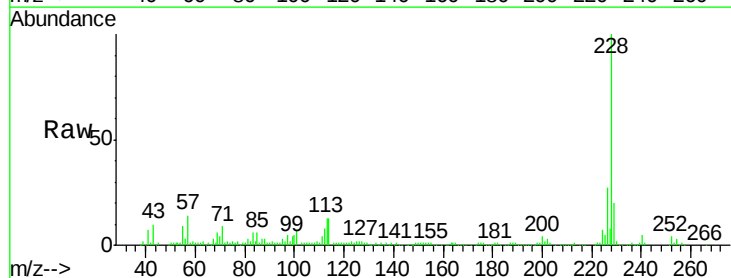
Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PITMS

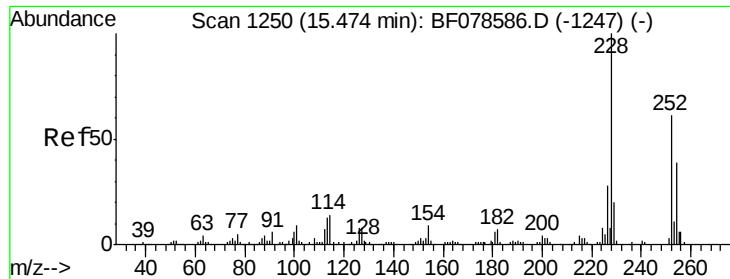
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.8  | 64.2  | 96.2  |
| 206     | 17.5  | 12.6  | 18.8  |



#80  
Benzo(a)anthracene  
Concen: 40.92 ng  
RT: 17.70 min Scan# 1445  
Delta R.T. -0.00 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.5  | 21.3  | 31.9  |
| 229     | 20.0  | 15.4  | 23.2  |

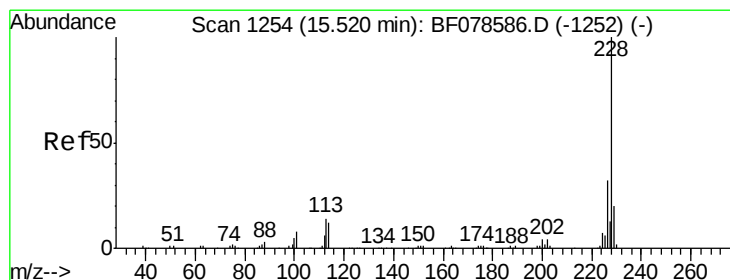
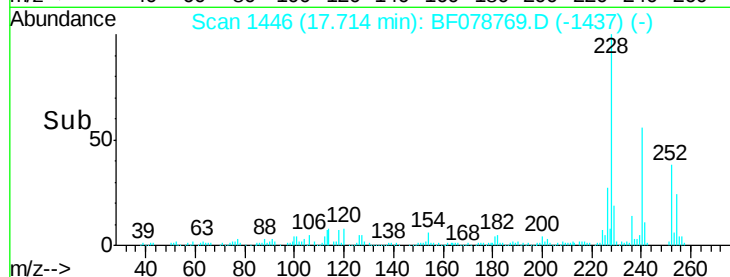
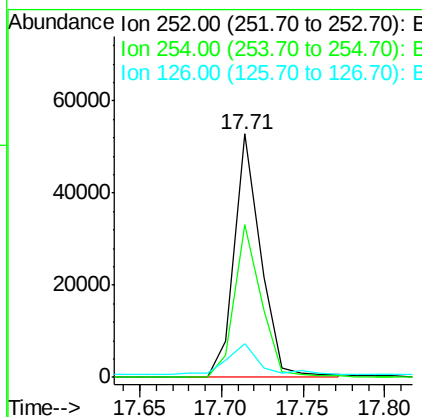
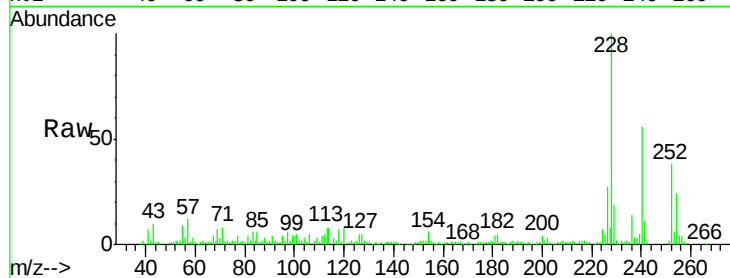




#81  
 3,3'-Dichlorobenzidine  
 Concen: 29.88 ng  
 RT: 17.71 min Scan# 1446  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

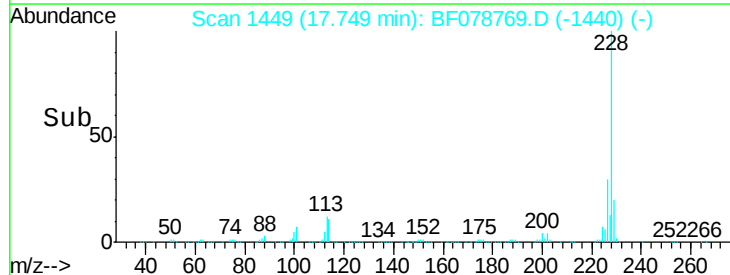
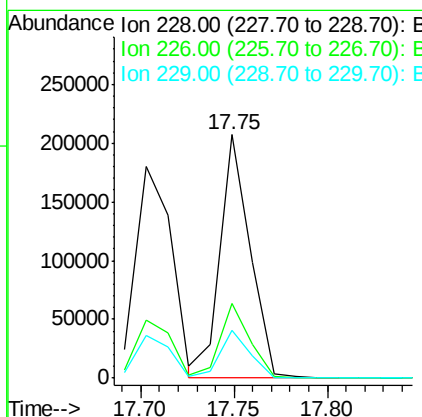
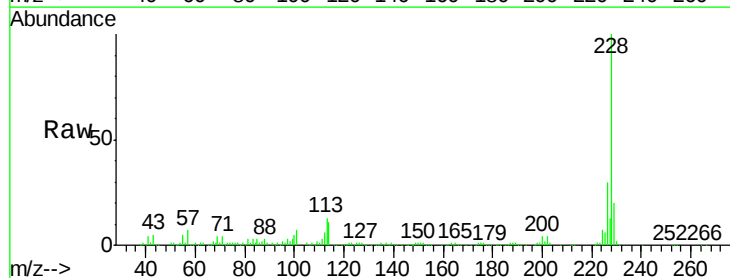
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

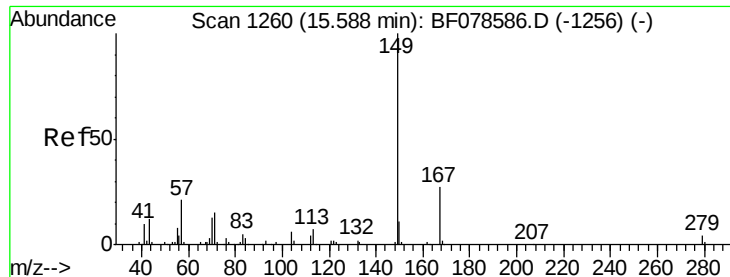
Tot Ion:252 Resp: 59242  
 Ion Ratio Lower Upper  
 252 100  
 254 62.5 51.2 76.8  
 126 13.8 6.3 9.5#



#82  
 Chrysene  
 Concen: 41.69 ng  
 RT: 17.75 min Scan# 1449  
 Delta R.T. -0.00 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

Tgt Ion:228 Resp: 231942  
 Ion Ratio Lower Upper  
 228 100  
 226 30.5 24.2 36.4  
 229 19.6 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.06 ng

RT: 17.85 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

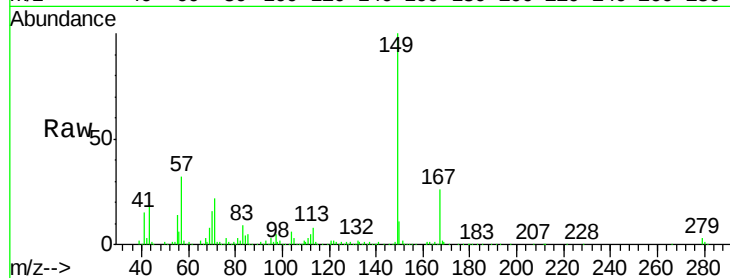
Tot Ion:149 Resp: 209358

Ion Ratio Lower Upper

149 100

167 26.0 22.2 33.2

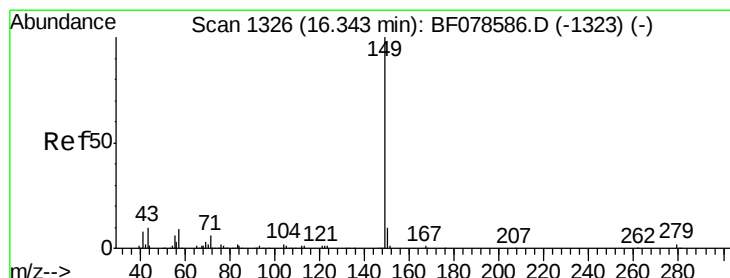
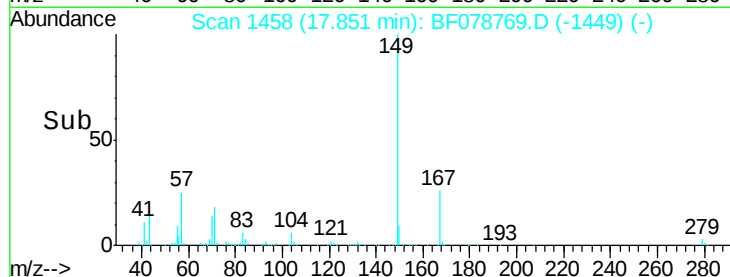
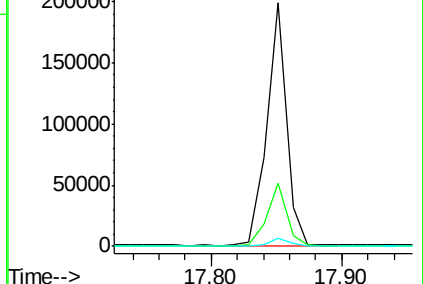
279 3.2 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.62 ng

RT: 18.63 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

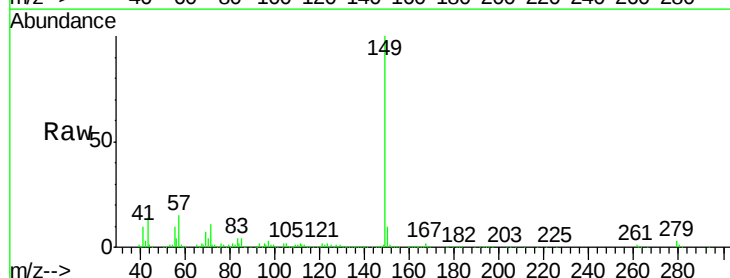
Tgt Ion:149 Resp: 328805

Ion Ratio Lower Upper

149 100

167 1.9 0.0 0.0#

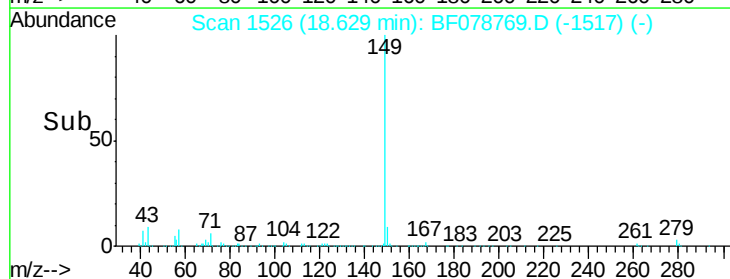
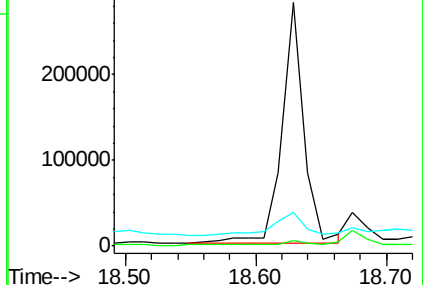
43 13.3 0.0 0.0#

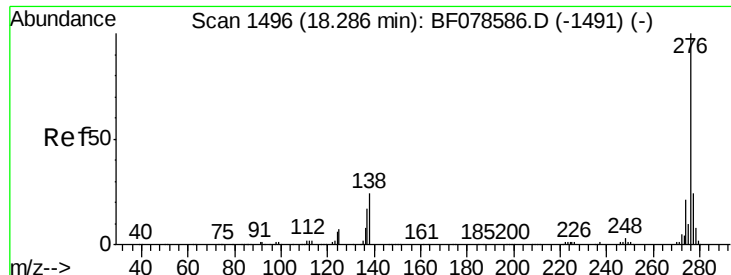


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

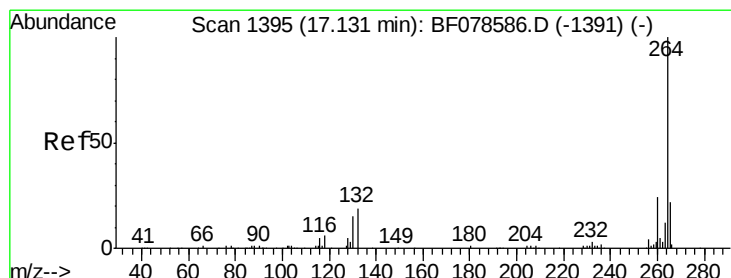
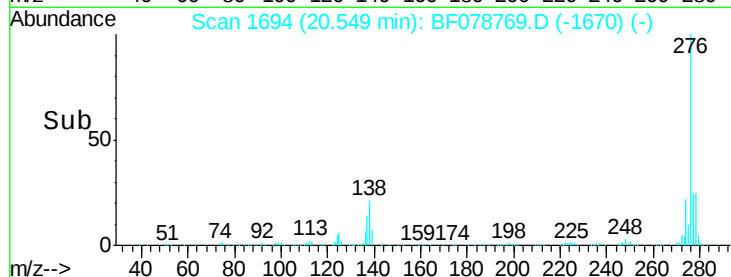
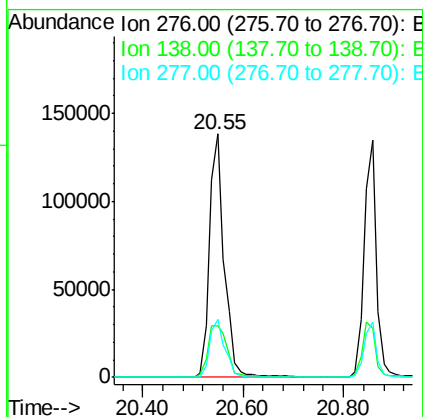
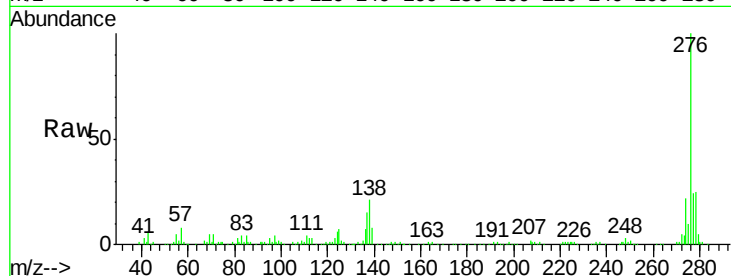




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 44.45 ng  
 RT: 20.55 min Scan# 1694  
 Delta R.T. -0.02 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

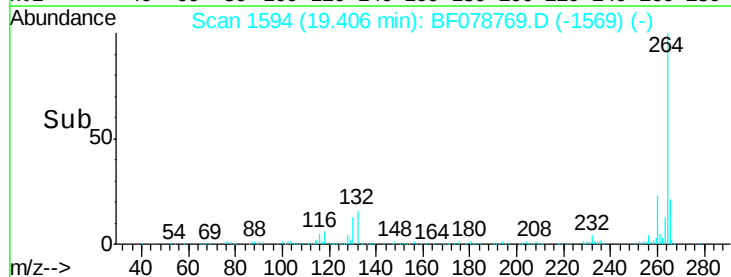
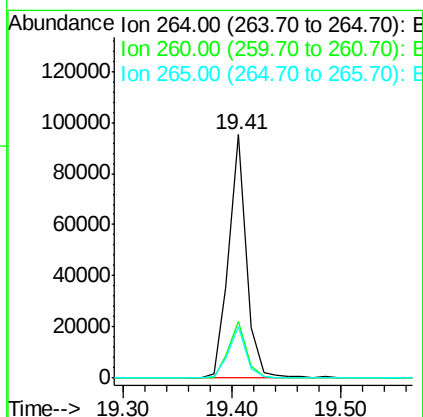
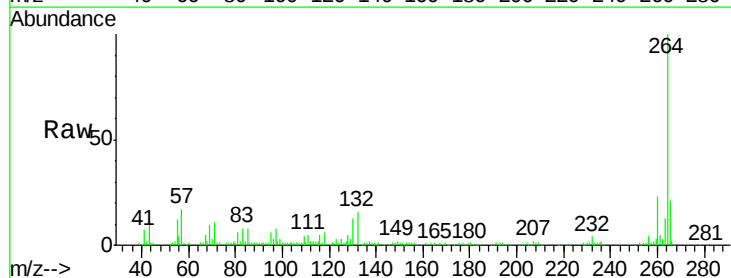
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

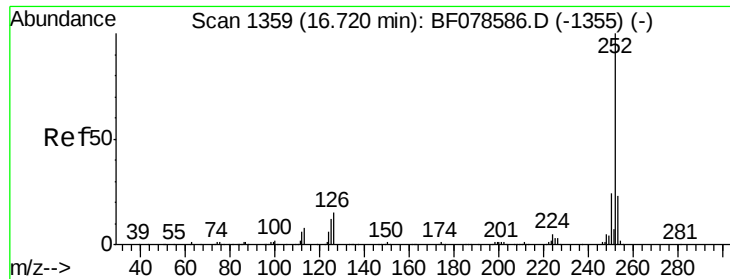
Tot Ion:276 Resp: 280566  
 Ion Ratio Lower Upper  
 276 100  
 138 27.5 16.9 25.3#  
 277 24.8 15.8 23.6#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 19.41 min Scan# 1594  
 Delta R.T. -0.01 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

Tgt Ion:264 Resp: 107828  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.6 27.8  
 265 21.2 17.0 25.6

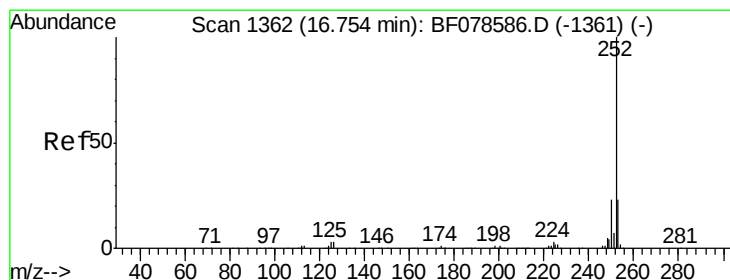
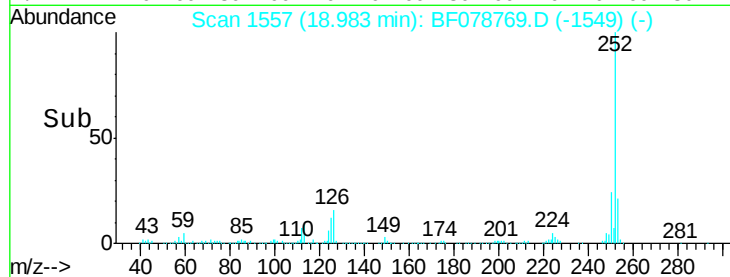
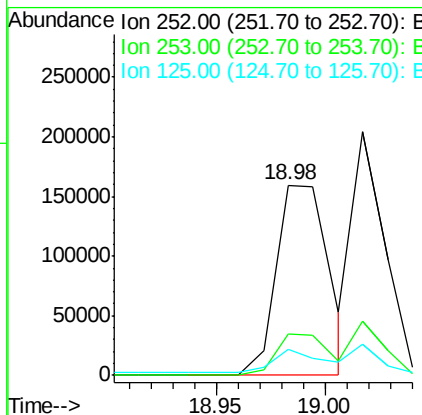
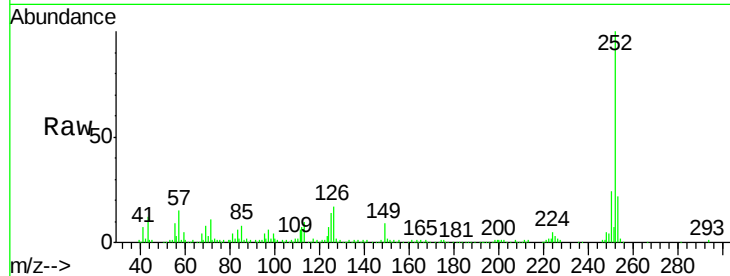




#87  
Benzo(b)fluoranthene  
Concen: 40.27 ng  
RT: 18.98 min Scan# 1557  
Delta R.T. -0.01 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

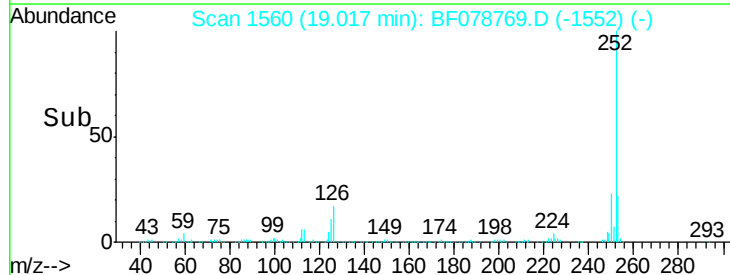
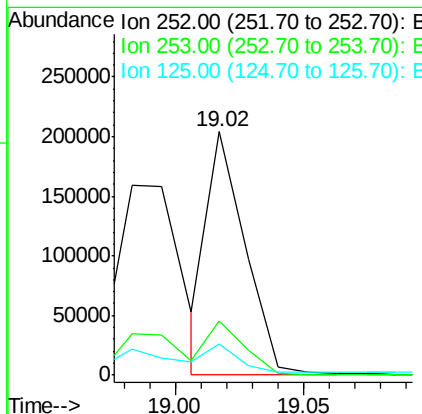
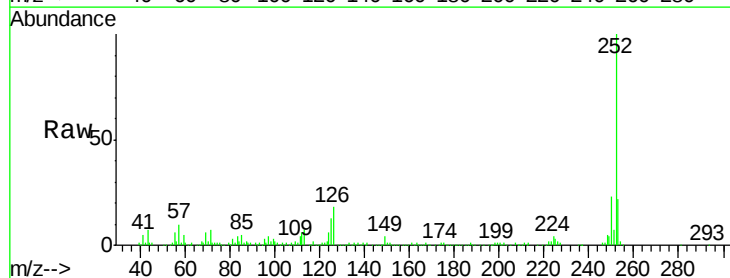
Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PITMS

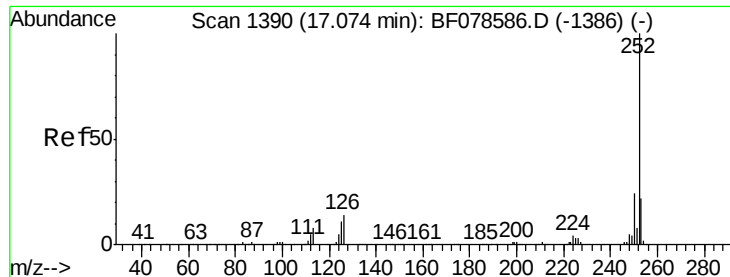
Tot Ion:252 Resp: 268379  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.2 25.8  
125 14.0 7.0 10.4#



#88  
Benzo(k)fluoranthene  
Concen: 36.15 ng m  
RT: 19.02 min Scan# 1560  
Delta R.T. -0.01 min  
Lab File: BF078769.D  
Acq: 24 Apr 2015 4:17

Tgt Ion:252 Resp: 214096  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 12.6 11.6 17.4





#89

Benzo(a)pyrene

Concen: 41.44 ng

RT: 19.35 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

Instrument :

BNA\_F

ClientSampleId :

SOIL-PITMS

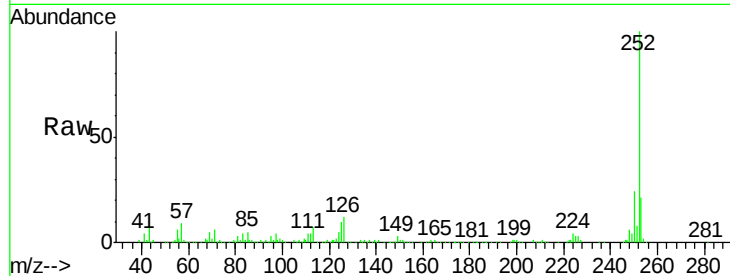
Tot Ion:252 Resp: 240988

Ion Ratio Lower Upper

252 100

253 21.4 16.8 25.2

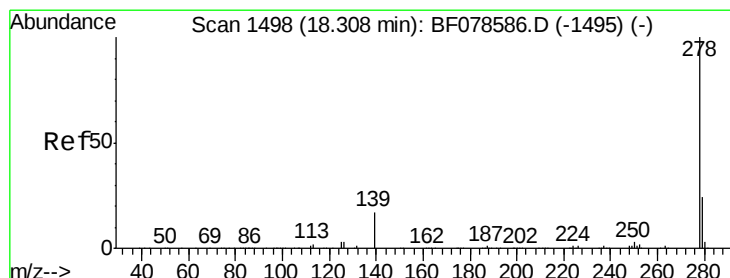
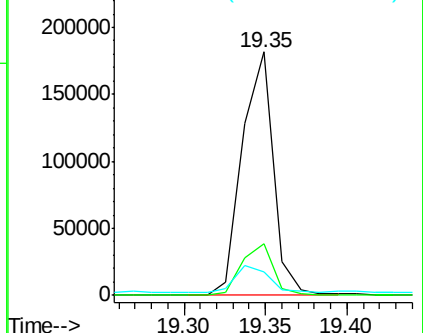
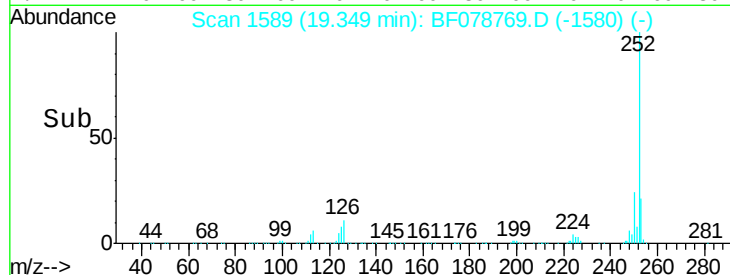
125 9.5 7.4 11.0



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: 39.80 ng

RT: 20.56 min Scan# 1695

Delta R.T. -0.03 min

Lab File: BF078769.D

Acq: 24 Apr 2015 4:17

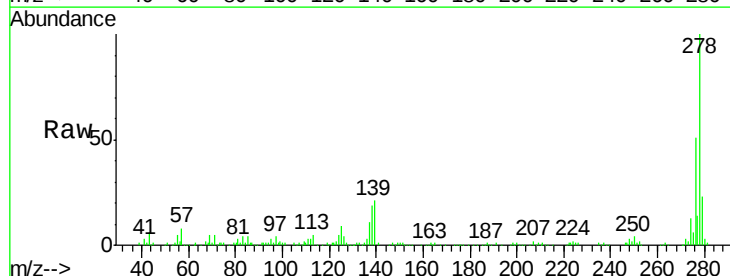
Tgt Ion:278 Resp: 231775

Ion Ratio Lower Upper

278 100

139 20.7 13.6 20.4#

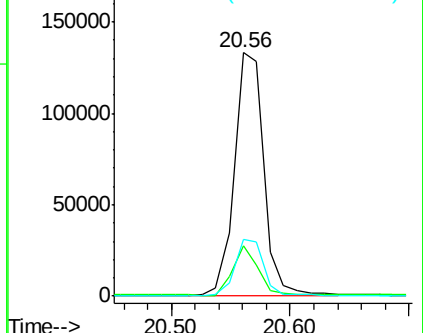
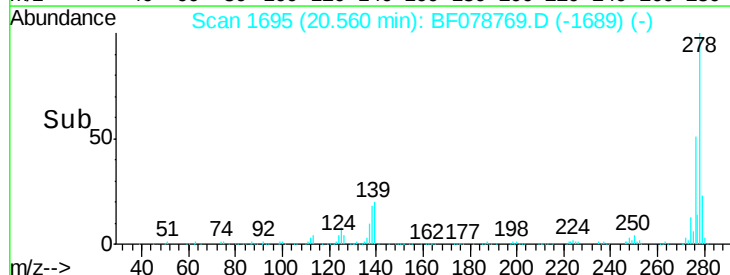
279 23.3 19.0 28.6

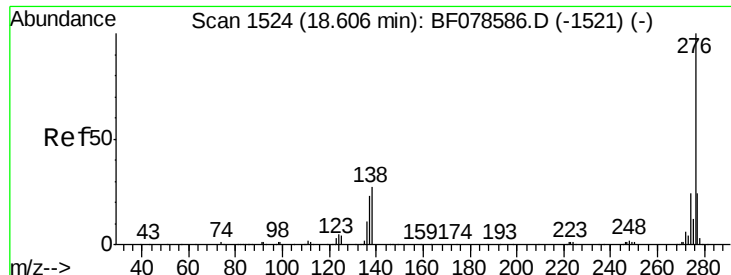


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

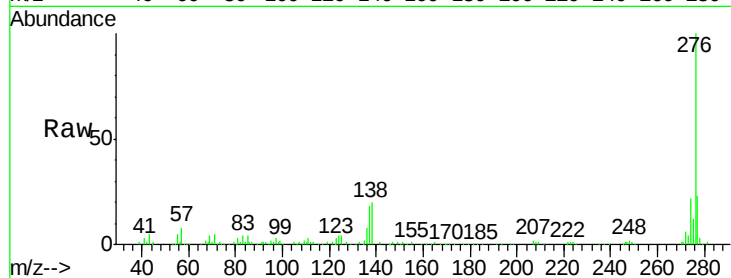




#91  
 Benzo(a,h,i)perylene  
 Concen: 38.66 ng  
 RT: 20.86 min Scan# 1721  
 Delta R.T. -0.02 min  
 Lab File: BF078769.D  
 Acq: 24 Apr 2015 4:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PITMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.3  | 19.0  | 28.4  |
| 138     | 20.5  | 19.9  | 29.9  |



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

