

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG092616\  
 Data File : BG024141.D  
 Acq On : 26 Sep 2016 14:09  
 Operator : UM/SJ  
 Sample : H4887-02MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

Quant Time: Sep 27 00:54:25 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG092316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 23 15:35:28 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 53817    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 254319   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.71 | 164  | 210945   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.48 | 188  | 475000   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.79 | 240  | 482887   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.12 | 264  | 474048   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.59  | 112 | 527043  | 169.66 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 790164  | 151.17 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 620732  | 96.20  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.22 | 330 | 427405  | 140.96 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.33 | 172 | 1229547 | 97.98  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.09 | 244 | 1969472 | 83.51  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88  | 53830  | 45.28 | ng | # 88   |
| 3) Pyridine                    | 3.85  | 79  | 181110 | 43.10 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.76  | 42  | 101222 | 47.53 | ng | # 91   |
| 6) Aniline                     | 7.36  | 93  | 124421 | 16.95 | ng | 98     |
| 8) 2-Chlorophenol              | 7.61  | 128 | 190417 | 51.21 | ng | 98     |
| 9) Benzaldehyde                | 7.18  | 77  | 26384  | 9.27  | ng | 91     |
| 10) Phenol                     | 7.24  | 94  | 277563 | 50.51 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 202689 | 46.77 | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 183481 | 44.25 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 198015 | 46.79 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.39  | 146 | 194395 | 47.19 | ng | 93     |
| 15) Benzyl Alcohol             | 8.29  | 79  | 260820 | 51.56 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 274772 | 45.93 | ng | 92     |
| 17) 2-Methylphenol             | 8.50  | 107 | 198164 | 54.24 | ng | 96     |
| 18) Hexachloroethane           | 9.12  | 117 | 81469  | 45.69 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 229114 | 44.63 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 279112 | 52.60 | ng | 93     |
| 22) Acetophenone               | 8.87  | 105 | 313524 | 42.73 | ng | # 96   |
| 24) Nitrobenzene               | 9.26  | 77  | 334607 | 48.38 | ng | 98     |
| 25) Isophorone                 | 9.78  | 82  | 610433 | 46.38 | ng | 98     |
| 26) 2-Nitrophenol              | 9.98  | 139 | 118324 | 48.23 | ng | # 91   |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 209638 | 51.10 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 326166 | 50.97 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.54 | 162 | 239854 | 56.17 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 217503 | 47.59 | ng | 99     |
| 31) Naphthalene                | 10.92 | 128 | 674119 | 52.33 | ng | 97     |
| 32) Benzoic acid               | 10.20 | 122 | 32325  | 12.80 | ng | # 90   |
| 33) 4-Chloroaniline            | 11.07 | 127 | 18031  | 3.14  | ng | # 87   |
| 34) Hexachlorobutadiene        | 11.19 | 225 | 159731 | 44.40 | ng | 96     |
| 35) Caprolactam                | 11.84 | 113 | 46500  | 26.77 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 12.19 | 107 | 317140 | 52.78 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.53 | 142 | 512046 | 51.90 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 262249 | 42.58 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.87 | 237 | 221816 | 76.48 | ng | 98     |

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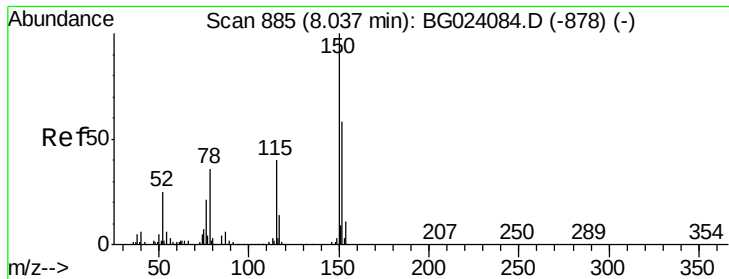
Instrument :  
 BNA\_G  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.15 | 196  | 209219   | 52.53 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.24 | 196  | 219013   | 53.44 | ng    | 93       |
| 45) 1,1'-Biphenyl              | 13.54 | 154  | 640721   | 44.42 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.59 | 162  | 555383   | 51.57 | ng    | 99       |
| 47) 2-Nitroaniline             | 13.81 | 65   | 259947   | 51.87 | ng    | 97       |
| 48) Acenaphthylene             | 14.44 | 152  | 920781   | 50.36 | ng    | 100      |
| 49) Dimethylphthalate          | 14.17 | 163  | 839149   | 51.85 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.30 | 165  | 187118   | 55.04 | ng    | 92       |
| 51) Acenaphthene               | 14.78 | 154  | 576164   | 51.96 | ng    | 98       |
| 52) 3-Nitroaniline             | 14.65 | 138  | 46490    | 13.69 | ng    | # 76     |
| 53) 2,4-Dinitrophenol          | 14.87 | 184  | 48401    | 26.07 | ng    | 96       |
| 54) Dibenzofuran               | 15.12 | 168  | 955348   | 55.33 | ng    | 99       |
| 55) 4-Nitrophenol              | 14.98 | 139  | 207609   | 77.21 | ng    | 95       |
| 56) 2,4-Dinitrotoluene         | 15.10 | 165  | 271094   | 52.41 | ng    | 89       |
| 57) Fluorene                   | 15.77 | 166  | 798632   | 53.14 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 217867   | 55.05 | ng    | 90       |
| 59) Diethylphthalate           | 15.53 | 149  | 890397   | 51.09 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.75 | 204  | 406928   | 50.54 | ng    | 95       |
| 61) 4-Nitroaniline             | 15.82 | 138  | 169542   | 48.21 | ng    | # 88     |
| 62) Azobenzene                 | 16.05 | 77   | 1011995  | 57.15 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 15.88 | 198  | 72948    | 22.12 | ng    | 89       |
| 65) n-Nitrosodiphenylamine     | 15.98 | 169  | 723380   | 55.67 | ng    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.66 | 248  | 295729   | 53.67 | ng    | 99       |
| 67) Hexachlorobenzene          | 16.78 | 284  | 297239   | 47.88 | ng    | 95       |
| 68) Atrazine                   | 16.93 | 200  | 302700   | 52.77 | ng    | 97       |
| 69) Pentachlorophenol          | 17.14 | 266  | 162486   | 51.81 | ng    | 99       |
| 70) Phenanthrene               | 17.53 | 178  | 1320219  | 54.57 | ng    | 98       |
| 71) Anthracene                 | 17.62 | 178  | 1344747  | 54.11 | ng    | 99       |
| 72) Carbazole                  | 17.90 | 167  | 1187398  | 51.33 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.43 | 149  | 1450317  | 47.89 | ng    | 98       |
| 74) Fluoranthene               | 19.54 | 202  | 1515908  | 47.99 | ng    | 97       |
| 76) Benzidine                  | 19.73 | 184  | 284647   | 20.82 | ng    | 97       |
| 77) Pyrene                     | 19.91 | 202  | 1505752  | 44.66 | ng    | 96       |
| 79) Butylbenzylphthalate       | 20.78 | 149  | 651252   | 52.45 | ng    | 95       |
| 80) Benzo(a)anthracene         | 21.77 | 228  | 1473639  | 53.61 | ng    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 21.68 | 252  | 202945   | 20.60 | ng    | # 93     |
| 82) Chrysene                   | 21.84 | 228  | 1386596  | 53.66 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 905016   | 61.01 | ng    | # 97     |
| 84) Di-n-octyl phthalate       | 22.88 | 149  | 1559812  | 60.94 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.95 | 276  | 1757416  | 60.99 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.06 | 252  | 1523195  | 55.23 | ng    | # 99     |
| 88) Benzo(k)fluoranthene       | 24.13 | 252  | 1447651  | 52.85 | ng    | # 97     |
| 89) Benzo(a)pyrene             | 24.97 | 252  | 1460837  | 54.79 | ng    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 29.01 | 278  | 1437709  | 54.00 | ng    | # 93     |
| 91) Benzo(g,h,i)perylene       | 30.16 | 276  | 1444905  | 53.87 | ng    | # 94     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

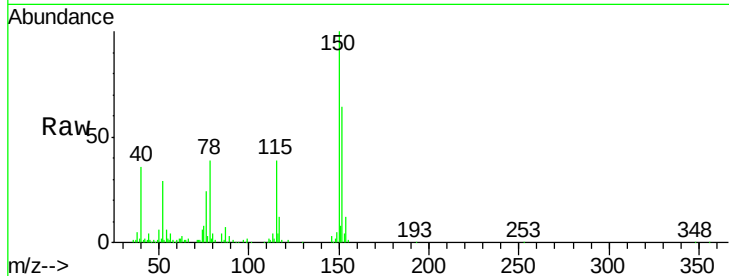
BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

Tgt Ion:152 Resp: 53817

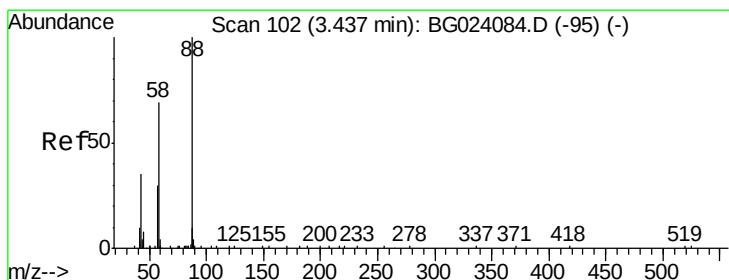
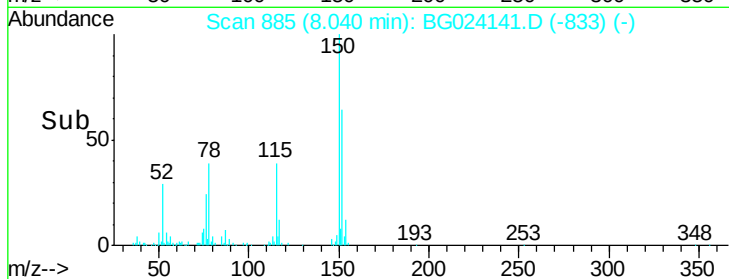
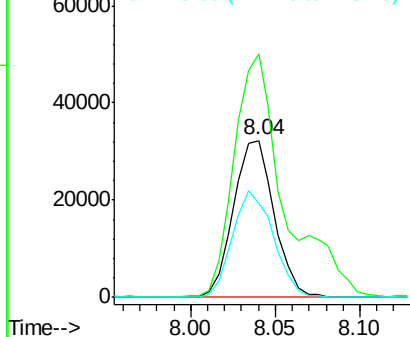
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 155.3 | 144.7 | 217.1 |
| 115 | 60.2  | 64.0  | 96.0  |



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 45.28 ng

RT: 3.44 min Scan# 102

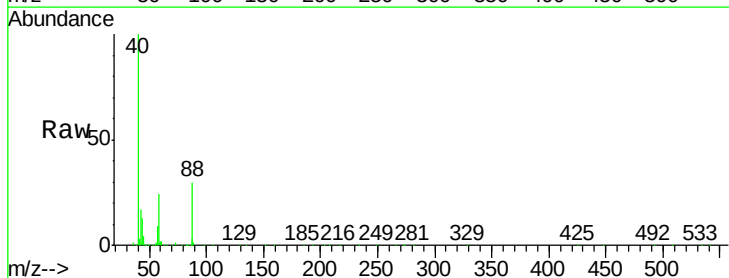
Delta R.T. 0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Tgt Ion: 88 Resp: 53830

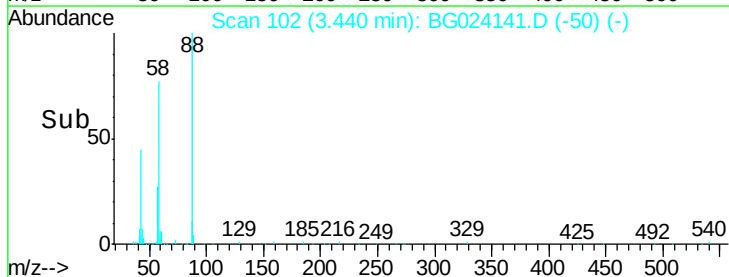
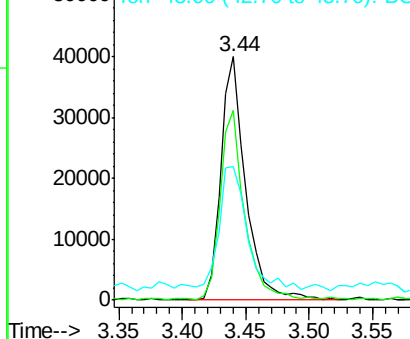
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 58  | 78.0  | 60.4  | 90.6  |
| 43  | 57.3  | 31.1  | 46.7  |

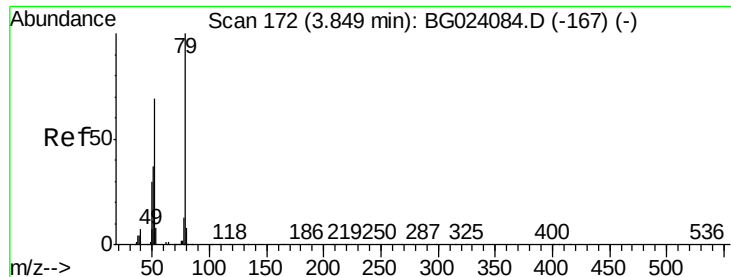


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 43.10 ng

RT: 3.85 min Scan# 172

Delta R.T. 0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

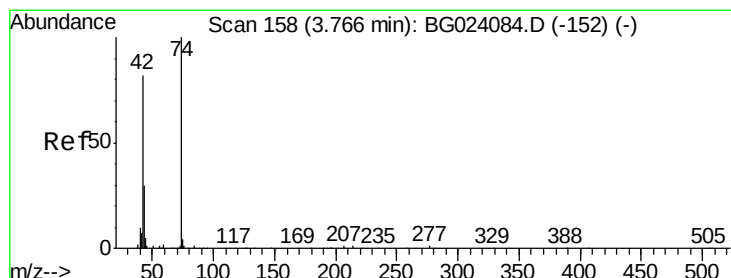
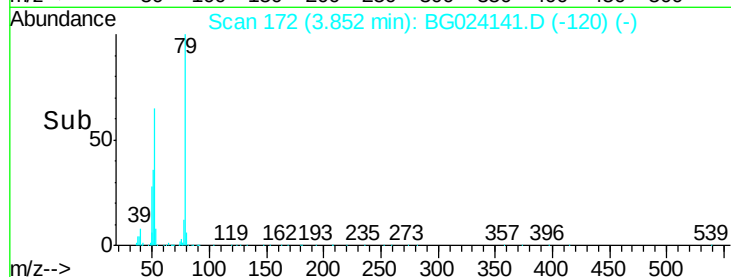
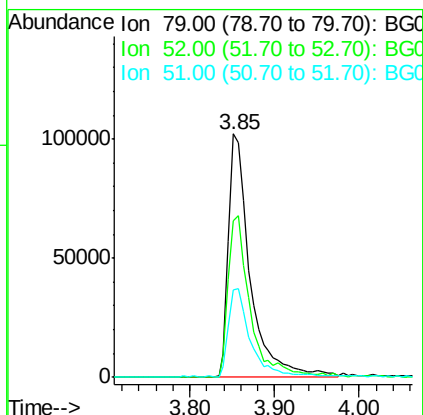
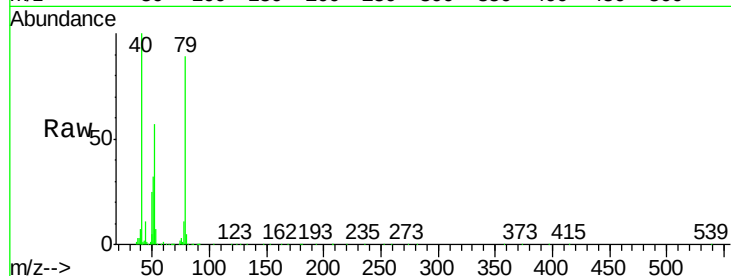
Tgt Ion: 79 Resp: 181110

Ion Ratio Lower Upper

79 100

52 64.5 51.8 77.8

51 36.0 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 47.53 ng

RT: 3.76 min Scan# 157

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

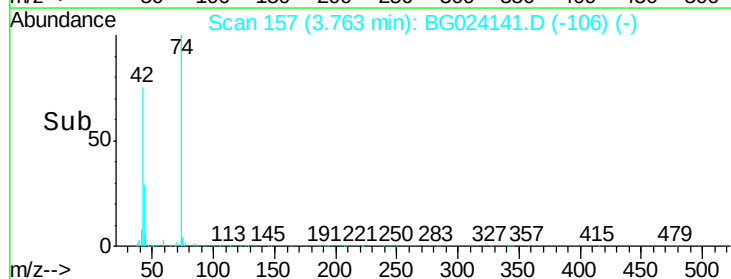
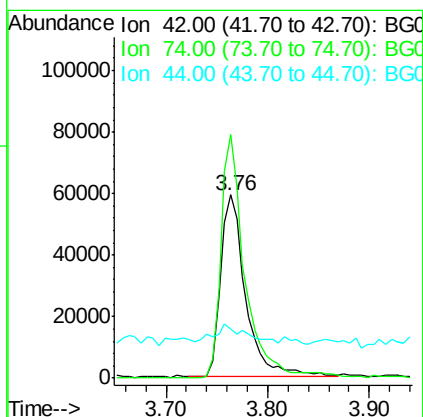
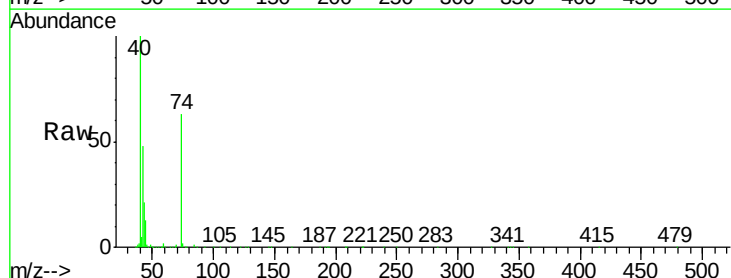
Tgt Ion: 42 Resp: 101222

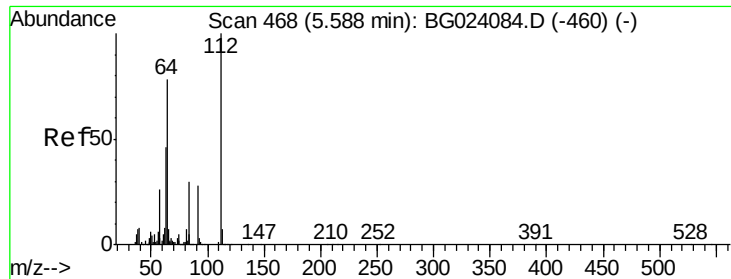
Ion Ratio Lower Upper

42 100

74 132.9 100.6 150.8

44 27.1 4.5 6.7#





#5

2-Fluorophenol

Concen: 169.66 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

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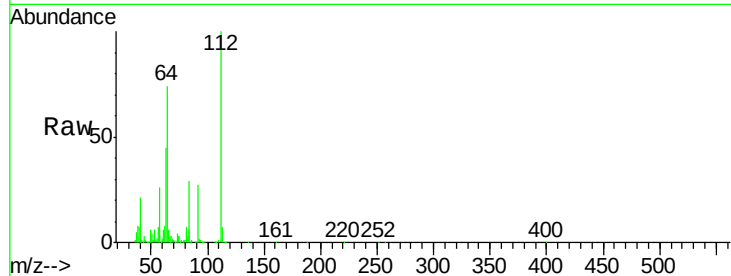
Tgt Ion:112 Resp: 527043

Ion Ratio Lower Upper

112 100

64 74.2 59.0 88.4

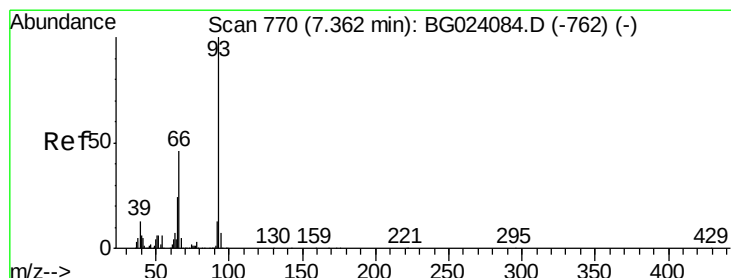
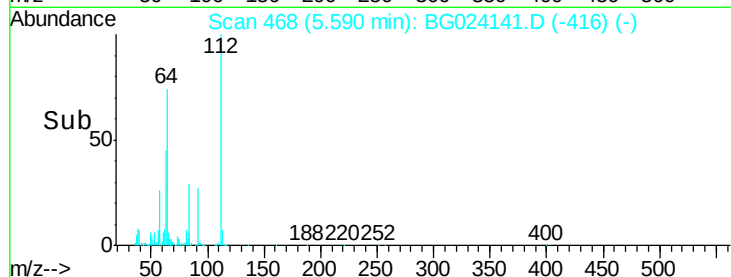
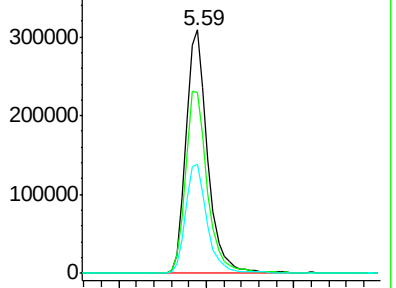
63 45.0 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.95 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

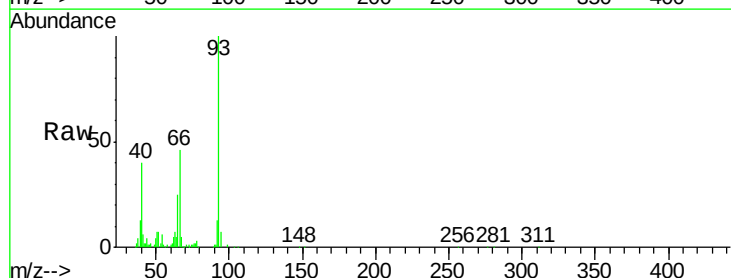
Tgt Ion: 93 Resp: 124421

Ion Ratio Lower Upper

93 100

66 46.3 37.5 56.3

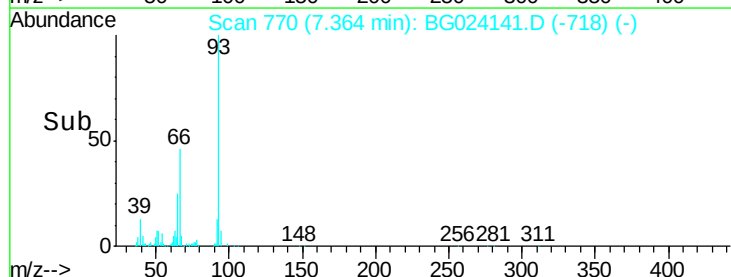
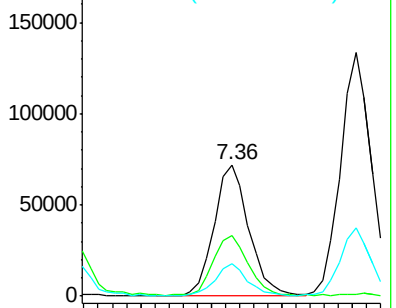
65 24.8 17.9 26.9

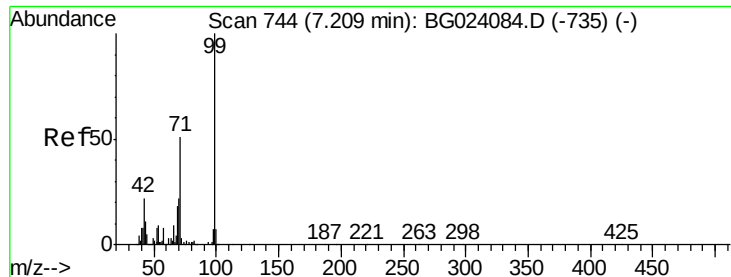


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.17 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024141.D

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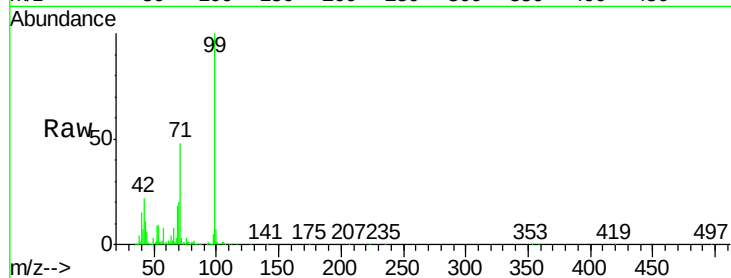
Tgt Ion: 99 Resp: 790164

Ion Ratio Lower Upper

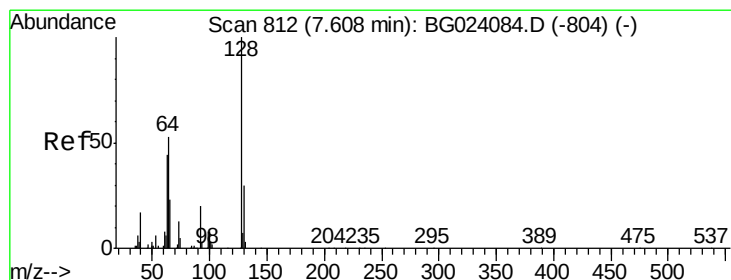
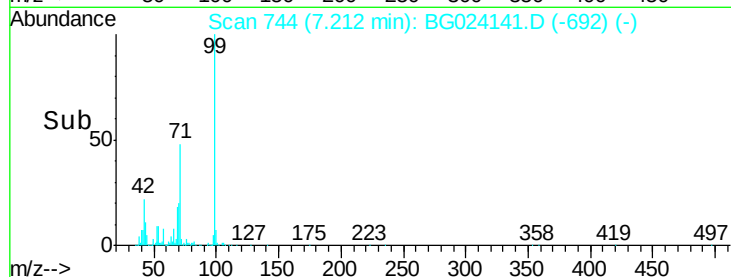
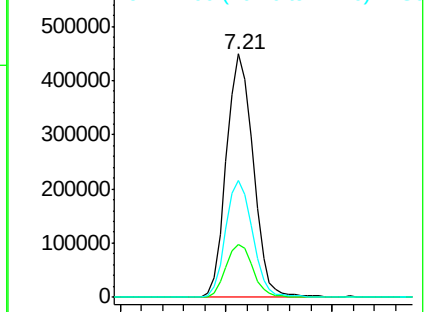
99 100

42 21.9 17.8 26.6

71 48.0 41.5 62.3



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



#8

2-Chlorophenol

Concen: 51.21 ng

RT: 7.61 min Scan# 811

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

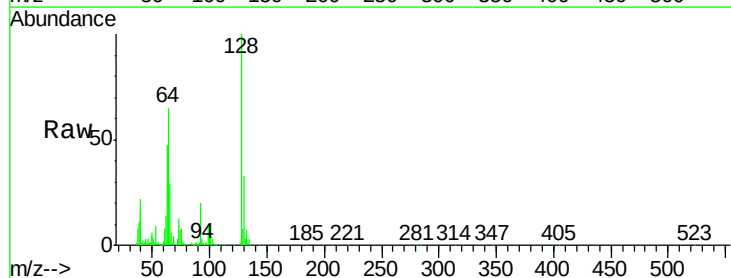
Tgt Ion: 128 Resp: 190417

Ion Ratio Lower Upper

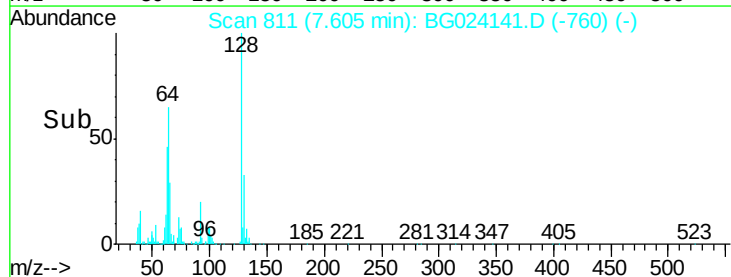
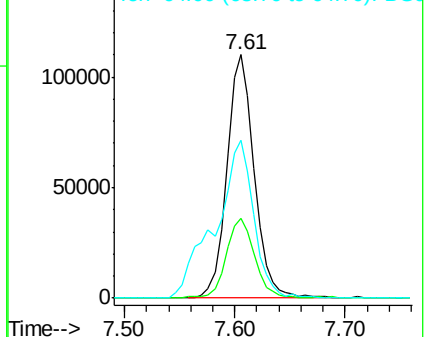
128 100

130 33.0 12.9 52.9

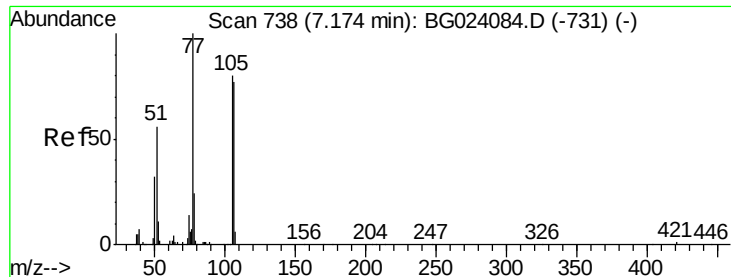
64 64.7 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 9.27 ng

RT: 7.18 min Scan# 739

Delta R.T. 0.01 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

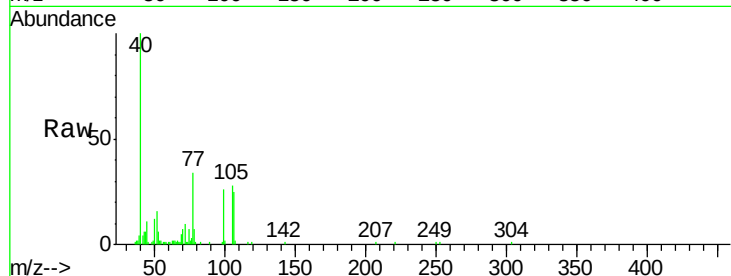
Tgt Ion: 77 Resp: 26384

Ion Ratio Lower Upper

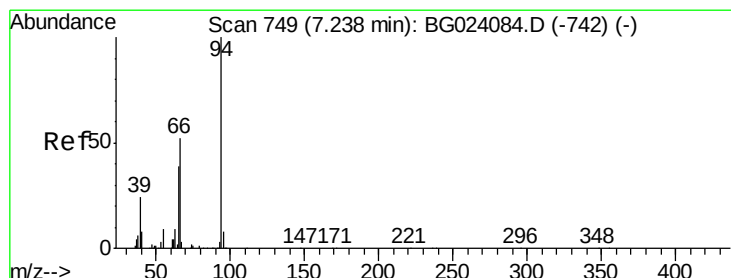
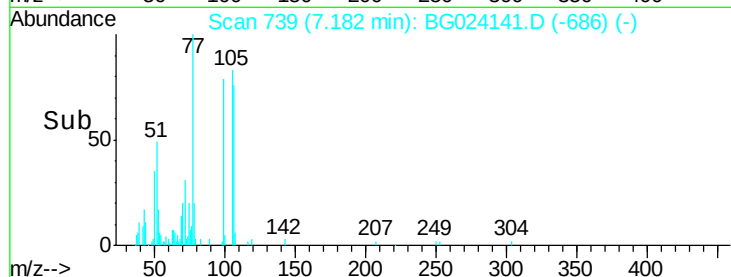
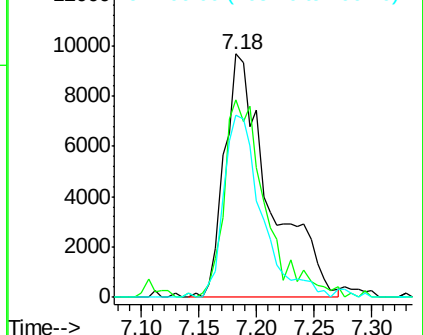
77 100

105 81.0 58.7 98.7

106 74.6 67.5 107.5



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



#10

Phenol

Concen: 50.51 ng

RT: 7.24 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

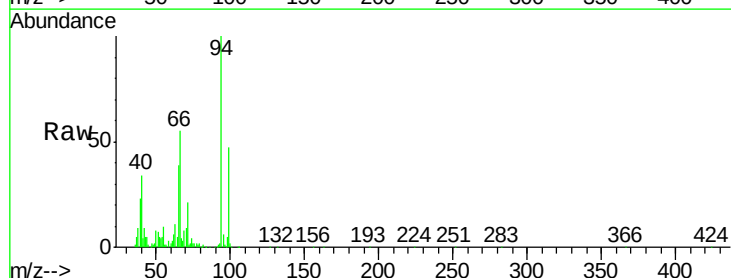
Tgt Ion: 94 Resp: 277563

Ion Ratio Lower Upper

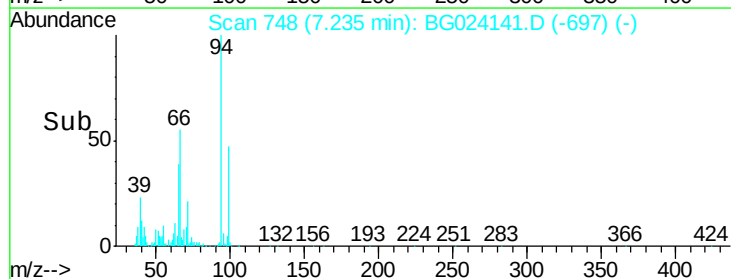
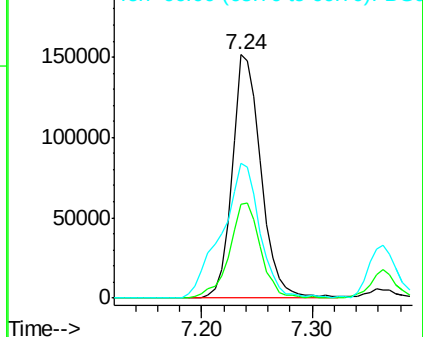
94 100

65 38.5 18.1 58.1

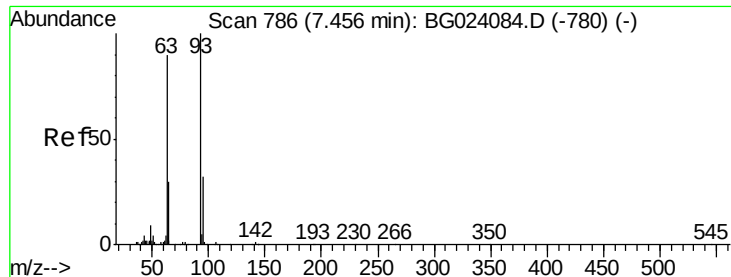
66 55.4 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC



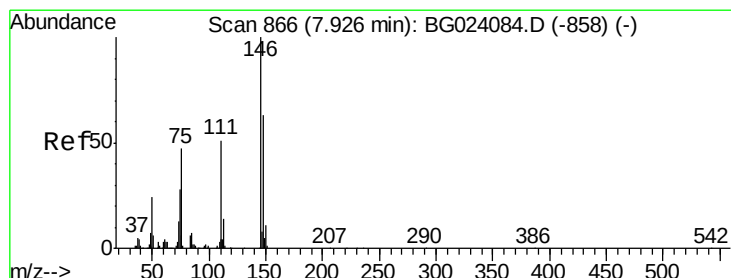
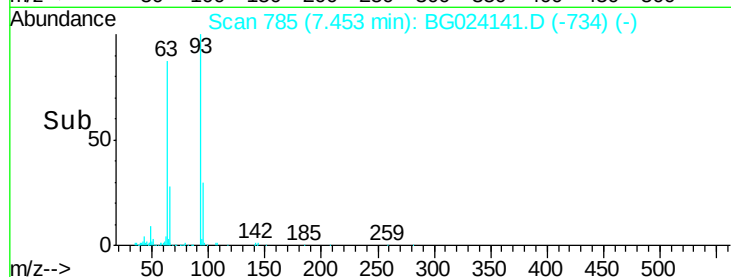
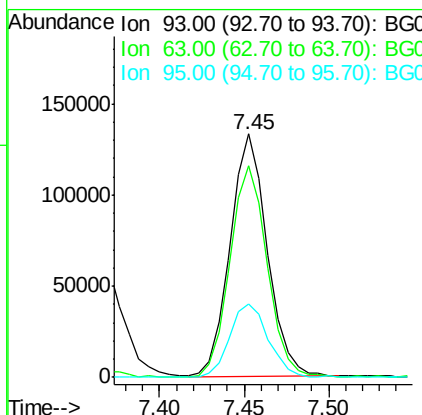
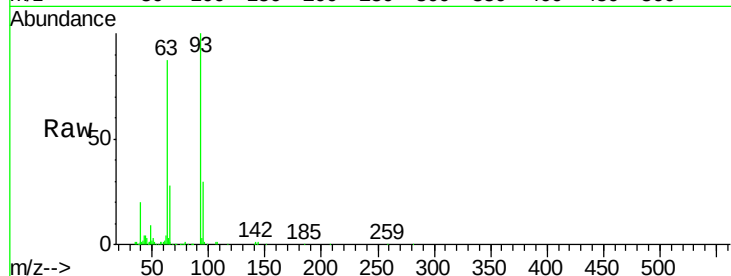




#11  
bis(2-Chloroethyl)ether  
Concen: 46.77 ng  
RT: 7.45 min Scan# 785  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

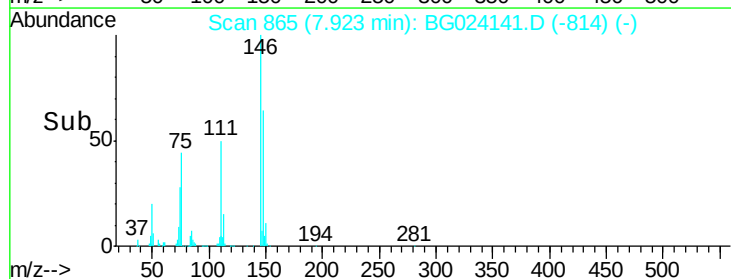
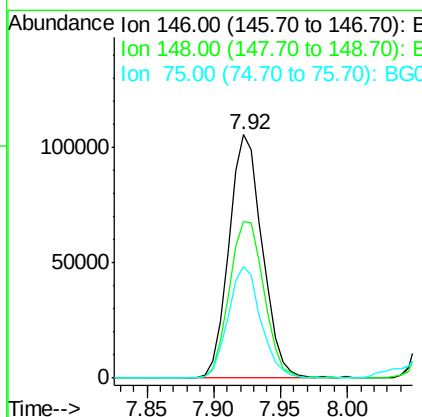
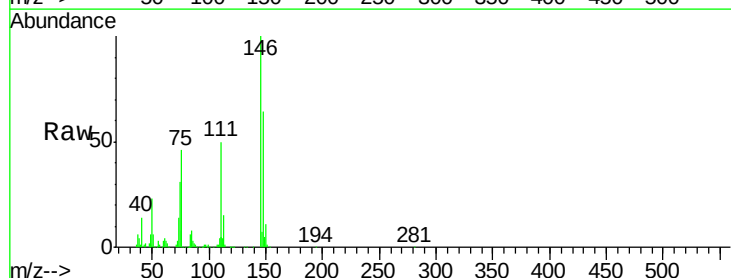
Instrument :  
BNA\_G  
ClientSampleId :  
TRACK-D-GRID-17AMS

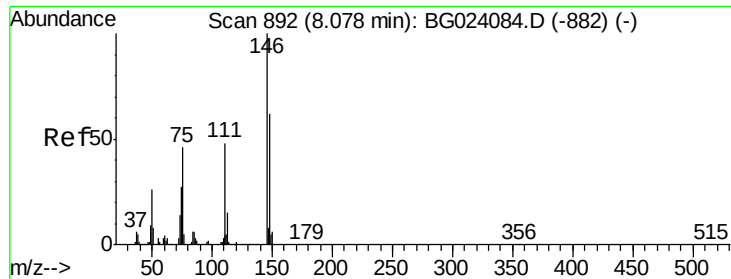
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 202689 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 87.1  | 55.0  | 95.0   |
| 95       | 30.0  | 11.0  | 51.0   |



#12  
1,3-Dichlorobenzene  
Concen: 44.25 ng  
RT: 7.92 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 183481 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.5  | 50.3  | 75.5   |
| 75       | 46.1  | 37.0  | 55.6   |

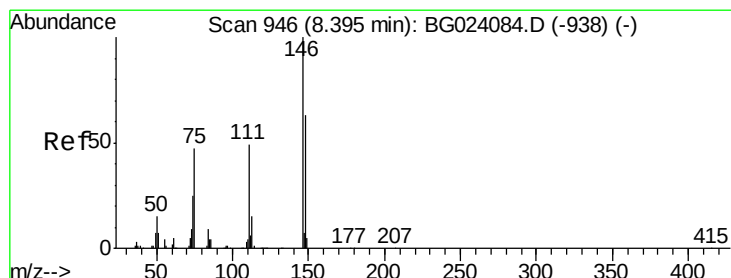
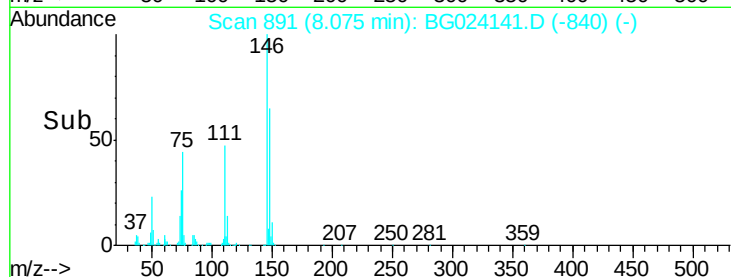
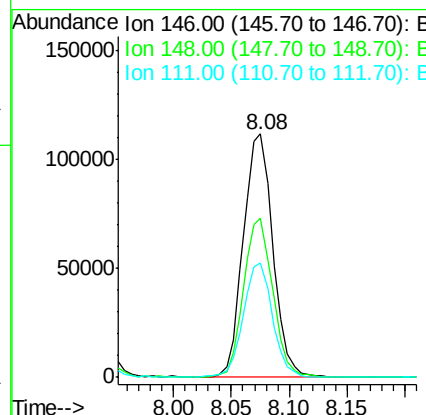
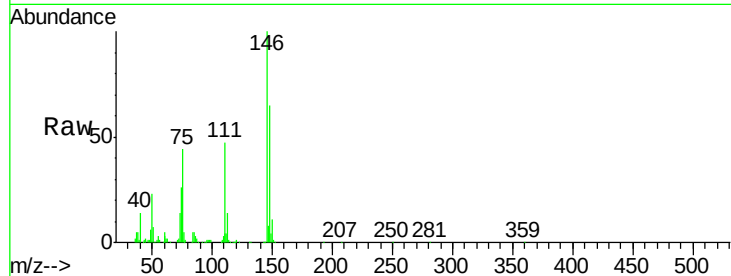




#13  
 1,4-Dichlorobenzene  
 Concen: 46.79 ng  
 RT: 8.08 min Scan# 891  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

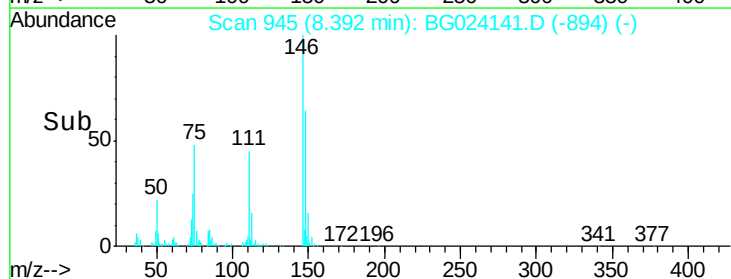
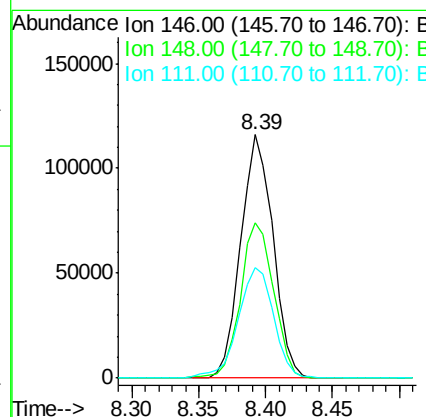
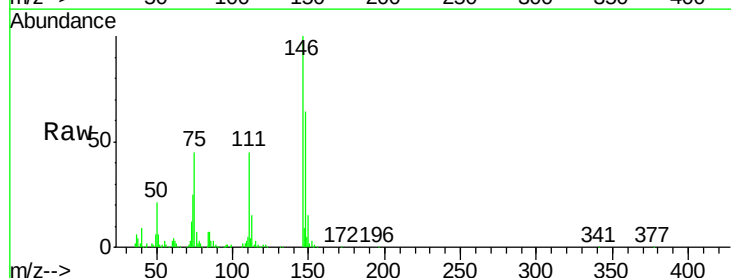
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

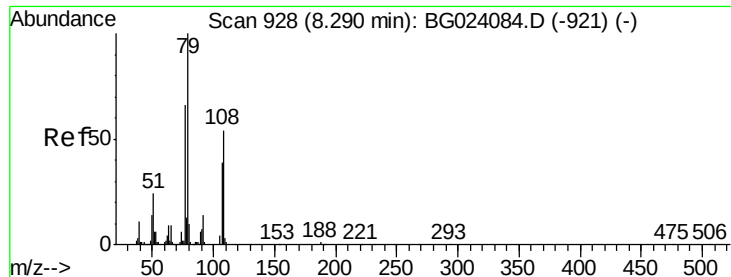
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 54.5  | 81.7  |
| 111     | 47.0  | 37.8  | 56.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 47.19 ng  
 RT: 8.39 min Scan# 945  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 52.9  | 79.3  |
| 111     | 45.4  | 43.5  | 65.3  |





#15

Benzyl Alcohol

Concen: 51.56 ng

RT: 8.29 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

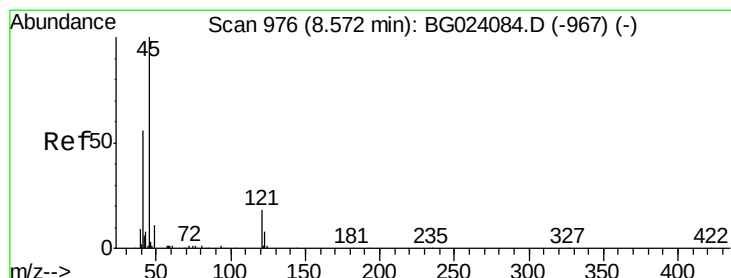
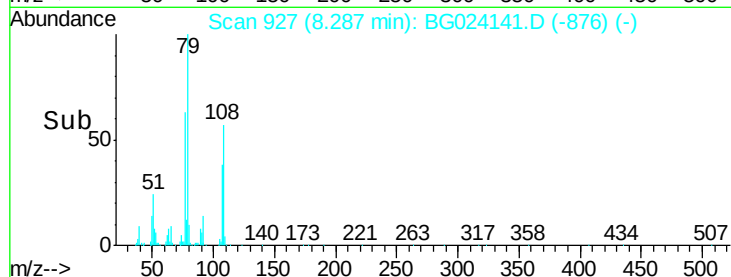
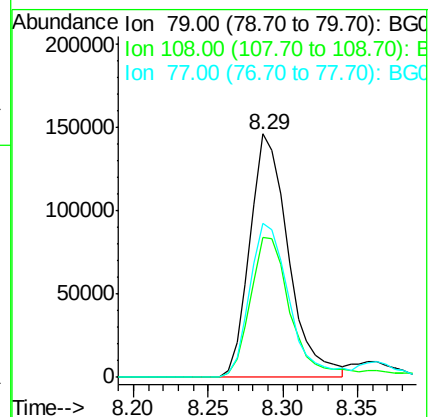
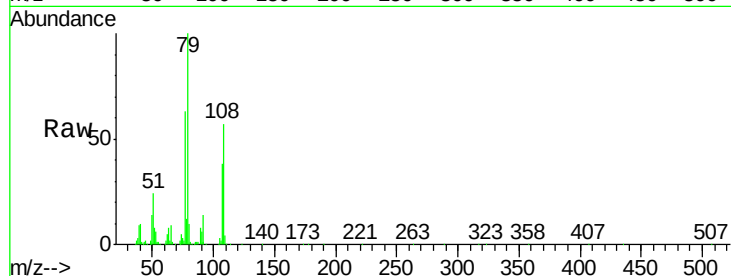
Tgt Ion: 79 Resp: 260820

Ion Ratio Lower Upper

79 100

108 57.4 46.5 69.7

77 63.5 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.93 ng

RT: 8.57 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

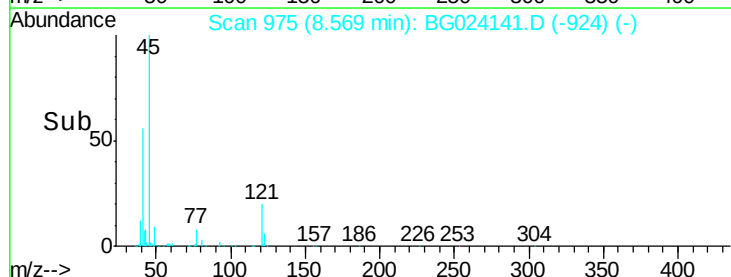
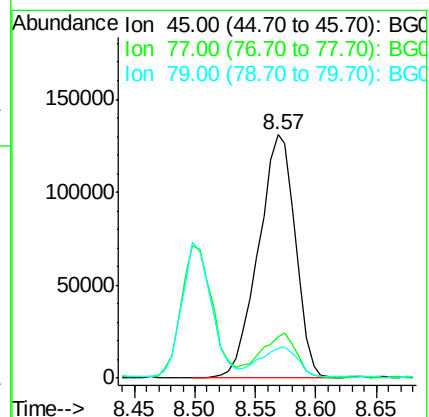
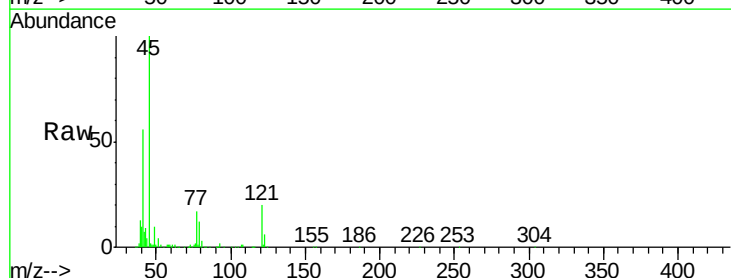
Tgt Ion: 45 Resp: 274772

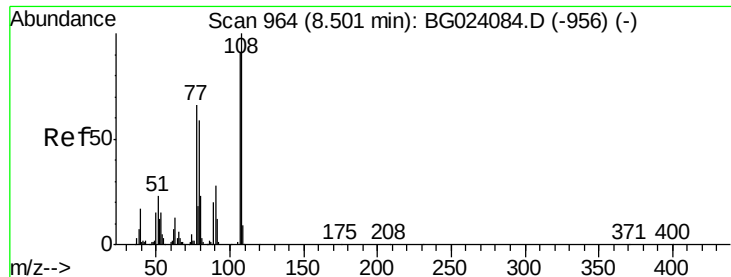
Ion Ratio Lower Upper

45 100

77 17.0 0.6 40.6

79 12.5 0.0 36.2





#17

2-Methylphenol

Concen: 54.24 ng

RT: 8.50 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

Tgt Ion:107 Resp: 198164

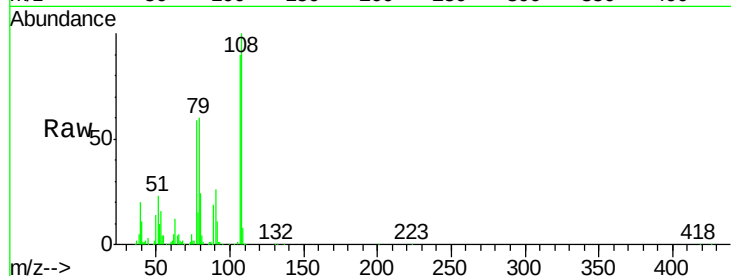
Ion Ratio Lower Upper

107 100

108 110.8 92.0 138.0

77 65.4 55.8 83.6

79 66.8 55.0 82.6

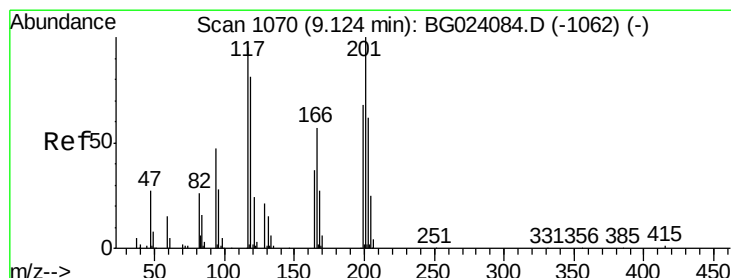
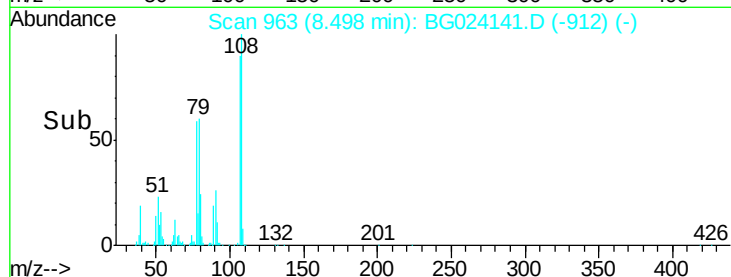
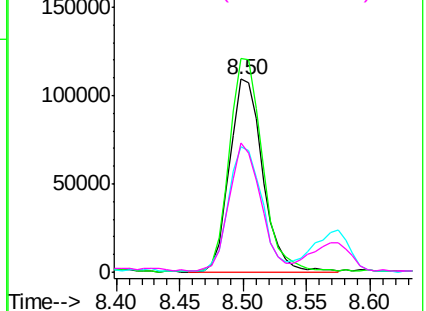


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.69 ng

RT: 9.12 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

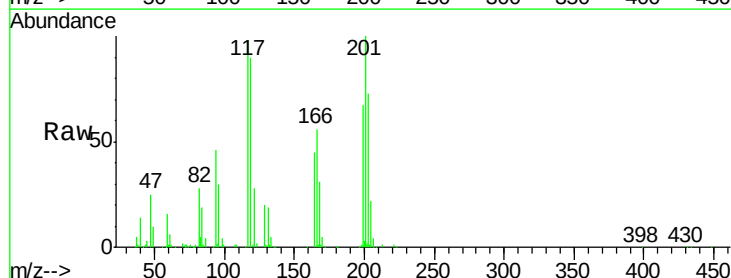
Tgt Ion:117 Resp: 81469

Ion Ratio Lower Upper

117 100

119 92.2 73.7 110.5

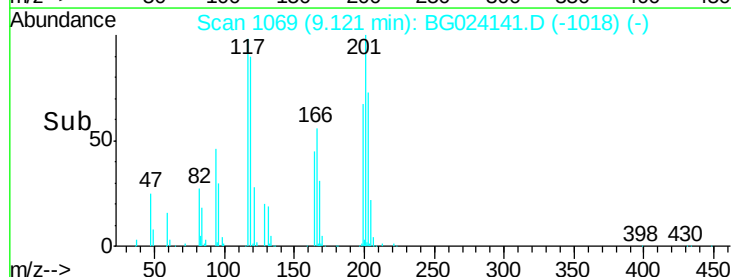
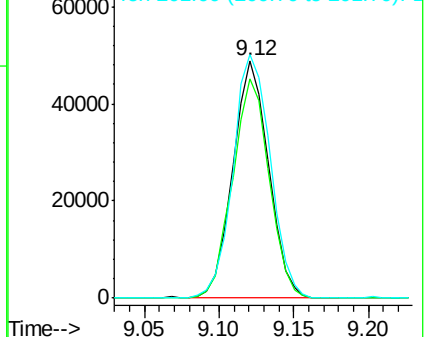
201 102.5 88.7 133.1

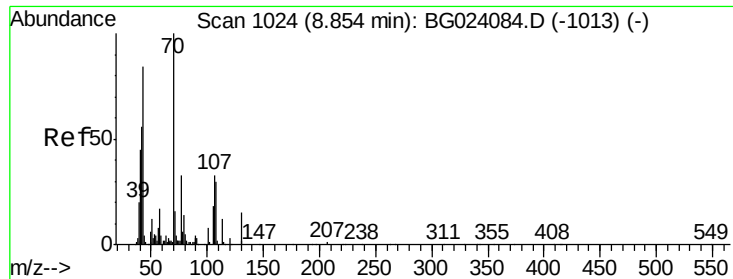


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

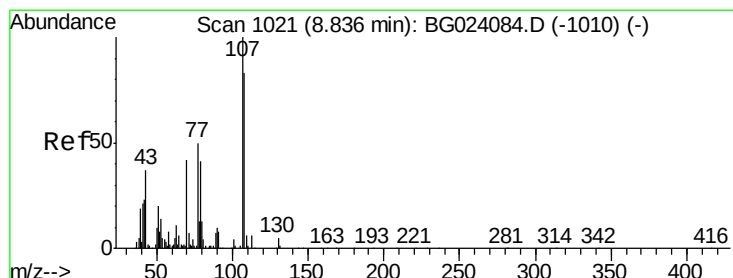
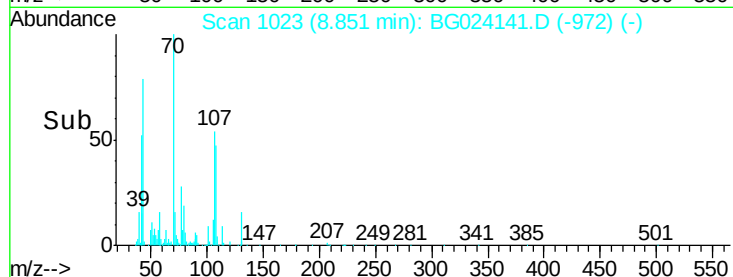
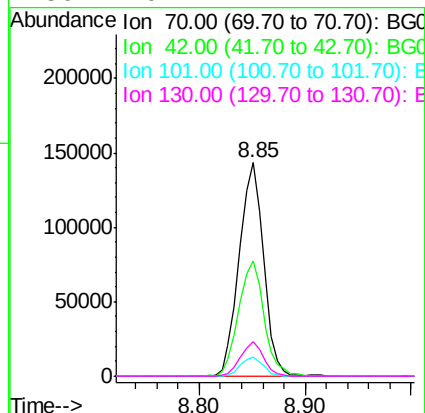
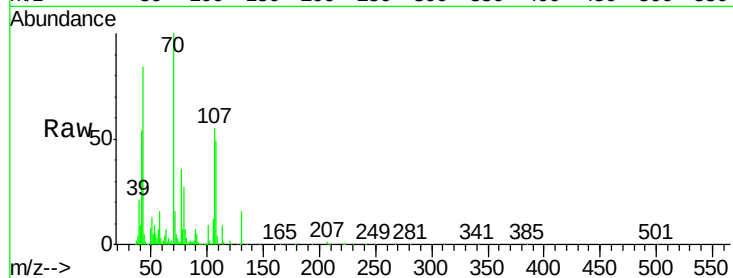




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.63 ng  
RT: 8.85 min Scan# 1023  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

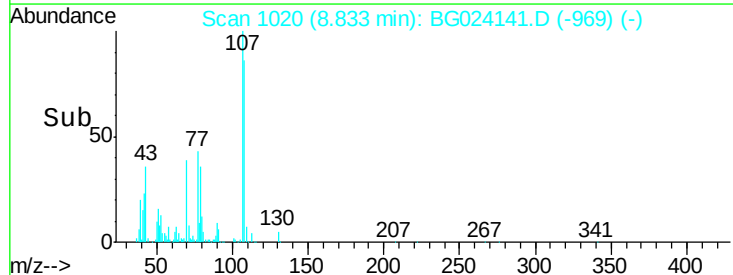
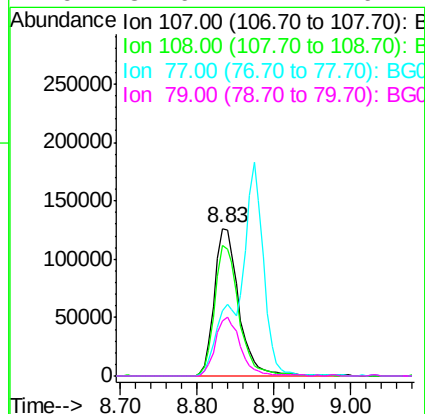
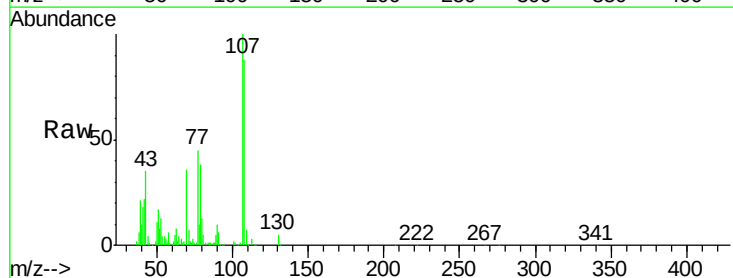
Instrument :  
BNA\_G  
ClientSampleId :  
TRACK-D-GRID-17AMS

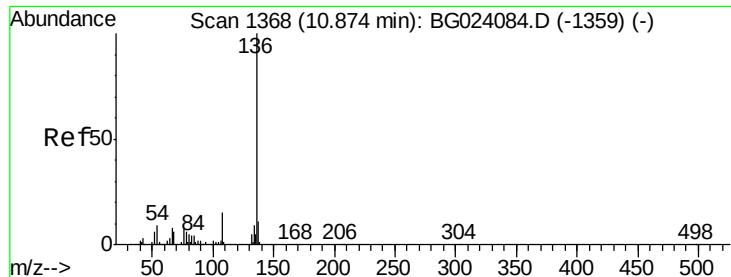
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 229114 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 54.2  | 42.1  | 63.1   |
| 101      | 9.2   | 7.2   | 10.8   |
| 130      | 16.1  | 14.2  | 21.2   |



#20  
3+4-Methylphenols  
Concen: 52.60 ng  
RT: 8.83 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 279112 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.0  | 72.5  | 112.5  |
| 77       | 44.5  | 30.1  | 70.1   |
| 79       | 37.6  | 24.2  | 64.2   |

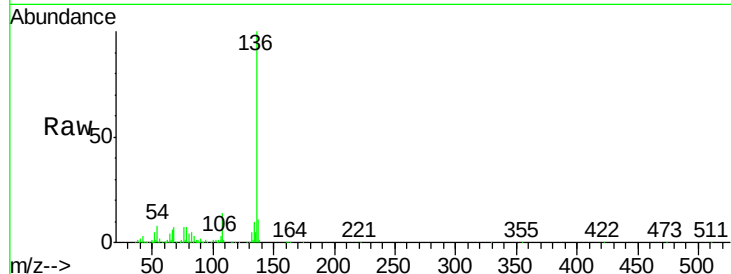




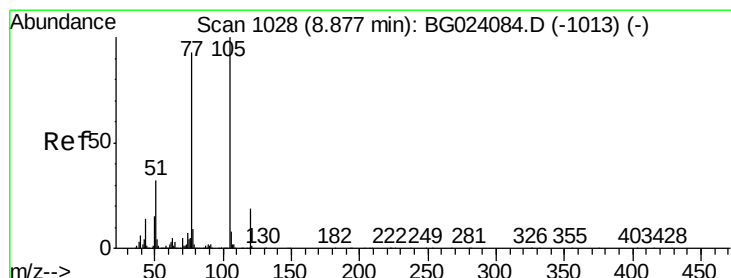
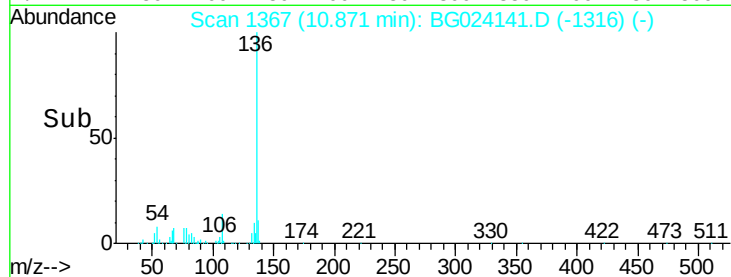
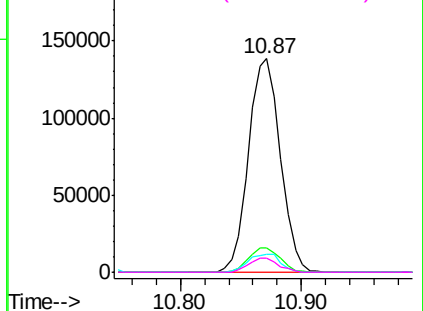
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.87 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

Instrument :  
BNA\_G  
ClientSampleId :  
TRACK-D-GRID-17AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 254319 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 9.6   | 14.4   |
| 54       | 8.4   | 7.3   | 10.9   |
| 68       | 6.5   | 5.3   | 7.9    |

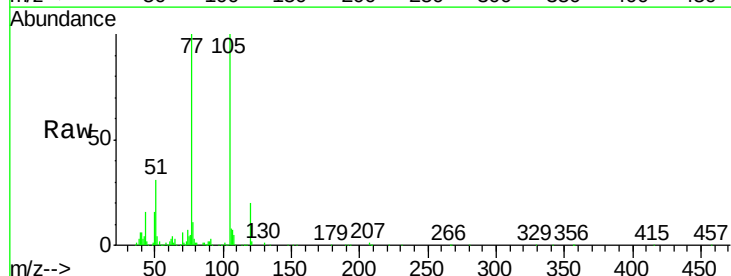


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

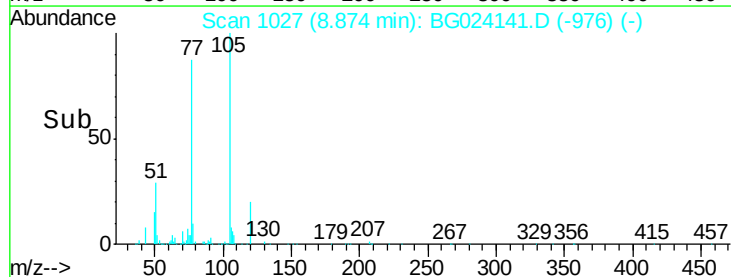
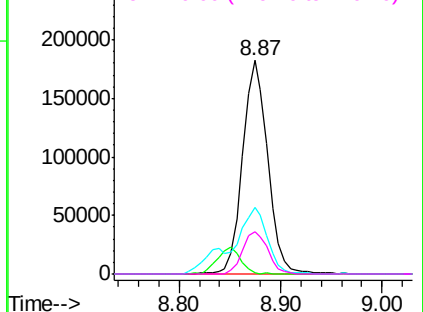


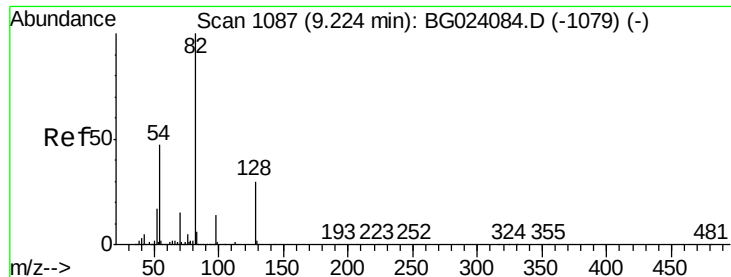
#22  
Acetophenone  
Concen: 42.73 ng  
RT: 8.87 min Scan# 1027  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 313524 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.8   | 2.6   | 3.8#   |
| 51       | 31.3  | 27.1  | 40.7   |
| 120      | 20.1  | 15.1  | 22.7   |



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

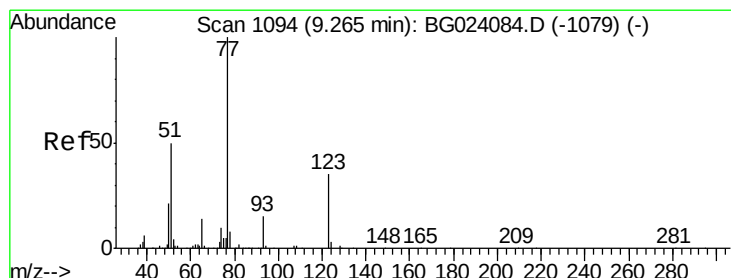
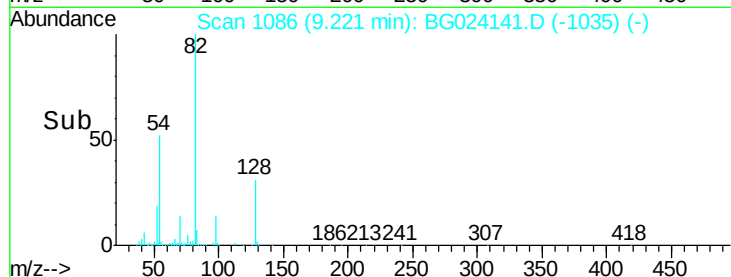
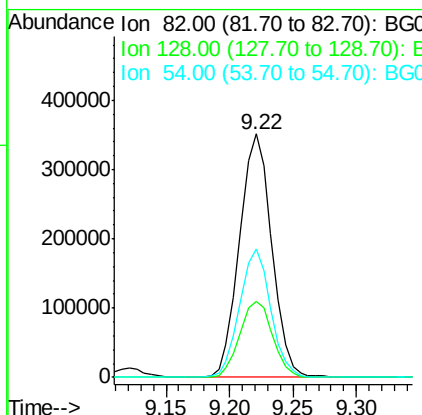
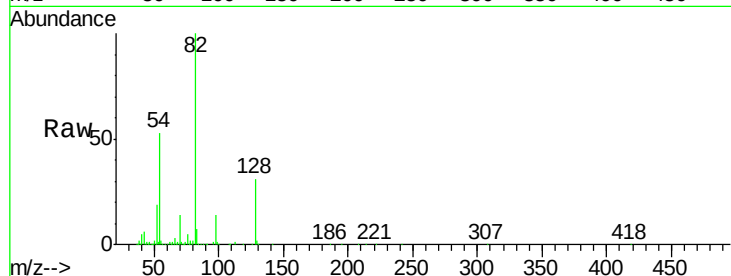




#23  
 Nitrobenzene-d5  
 Concen: 96.20 ng  
 RT: 9.22 min Scan# 1086  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

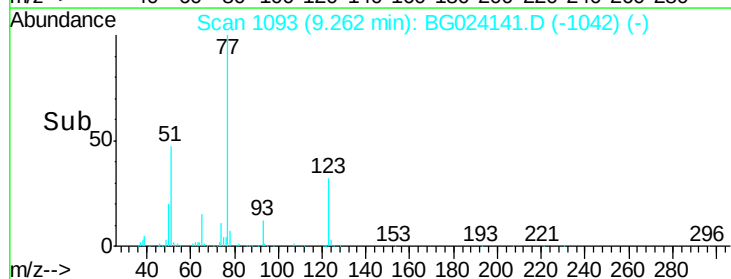
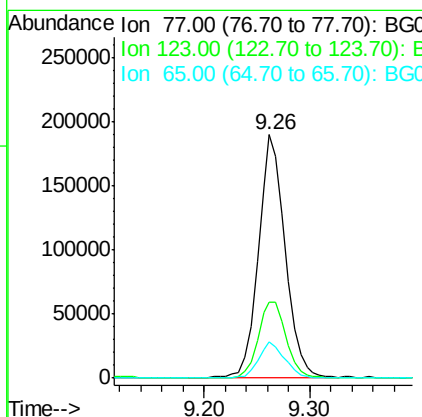
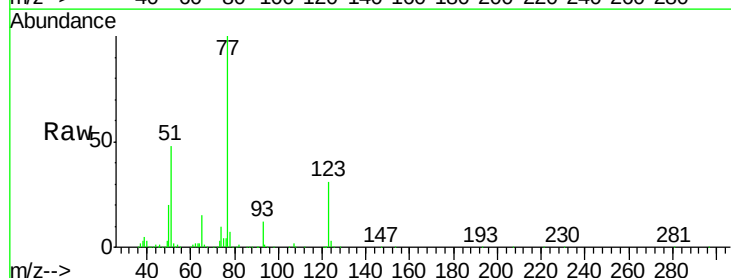
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 31.2  | 24.4  | 36.6  |
| 54      | 52.5  | 41.4  | 62.0  |

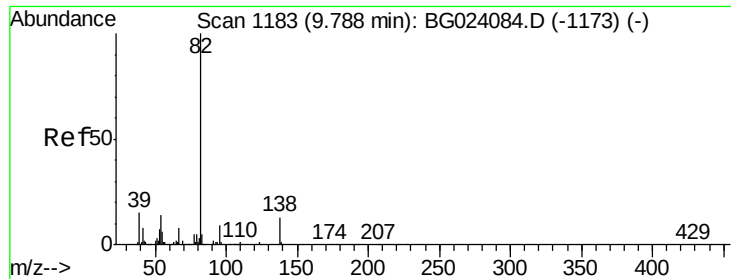


#24  
 Nitrobenzene  
 Concen: 48.38 ng  
 RT: 9.26 min Scan# 1093  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 31.4  | 25.0  | 37.6  |
| 65      | 14.9  | 13.4  | 20.0  |







#25

Isophorone

Concen: 46.38 ng

RT: 9.78 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

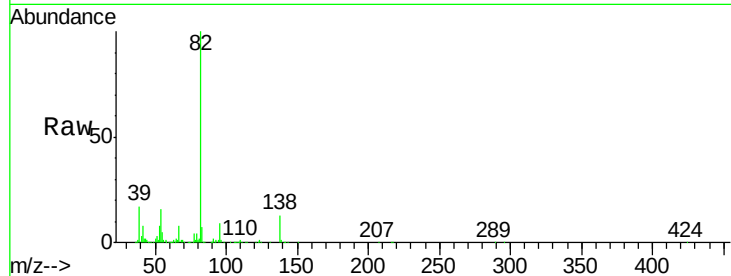
Tgt Ion: 82 Resp: 610433

Ion Ratio Lower Upper

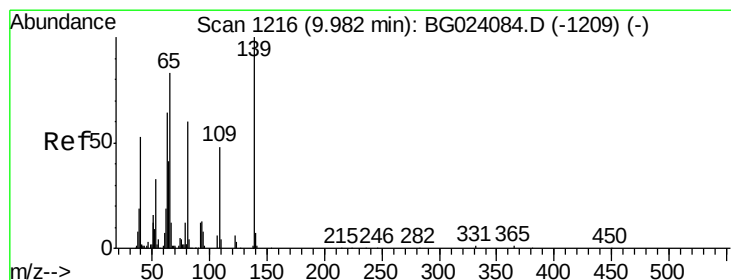
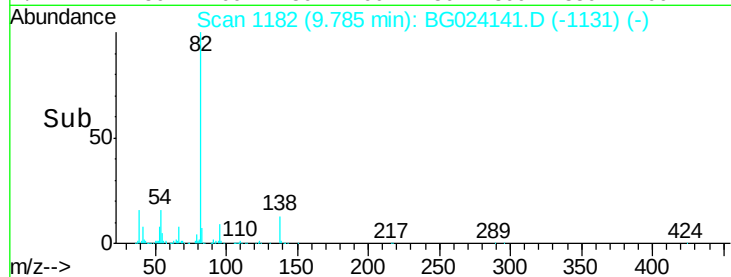
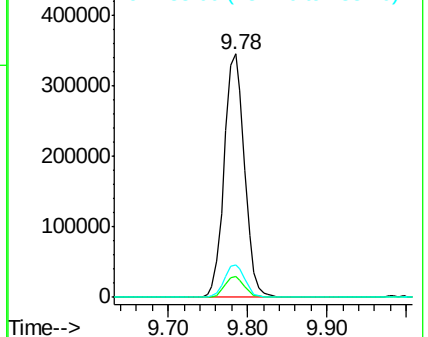
82 100

95 8.6 8.2 12.2

138 13.4 10.7 16.1



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 48.23 ng

RT: 9.98 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

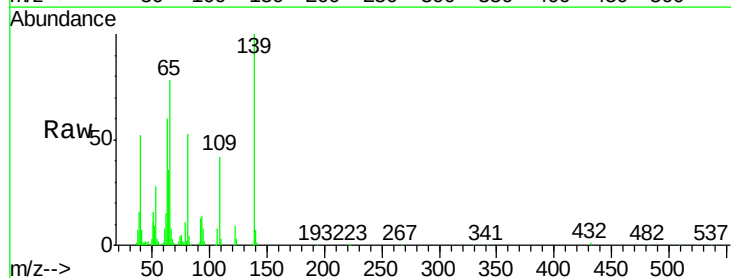
Tgt Ion: 139 Resp: 118324

Ion Ratio Lower Upper

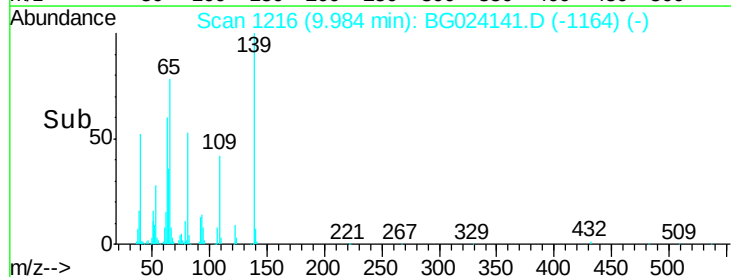
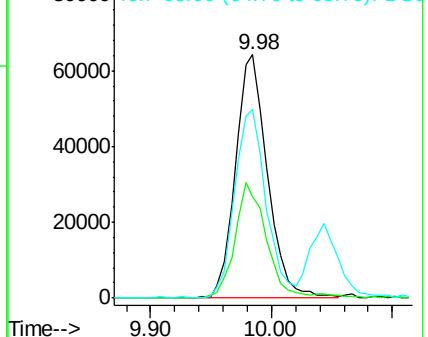
139 100

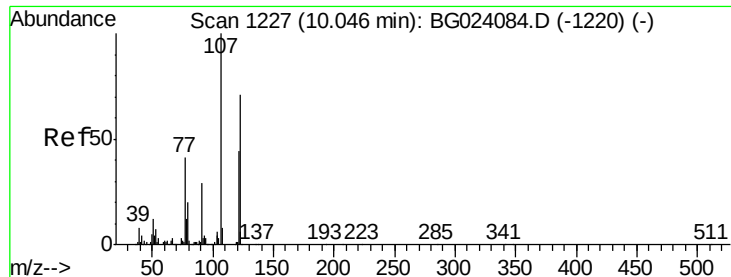
109 42.0 43.5 65.3#

65 77.6 64.3 96.5



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

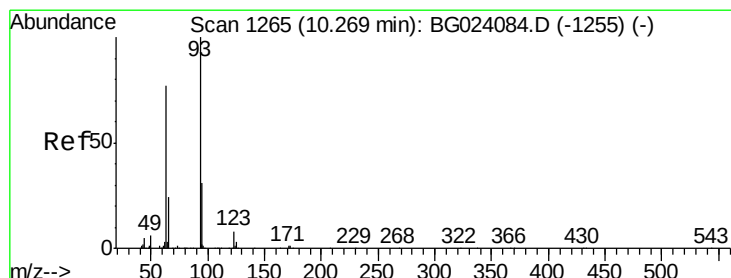
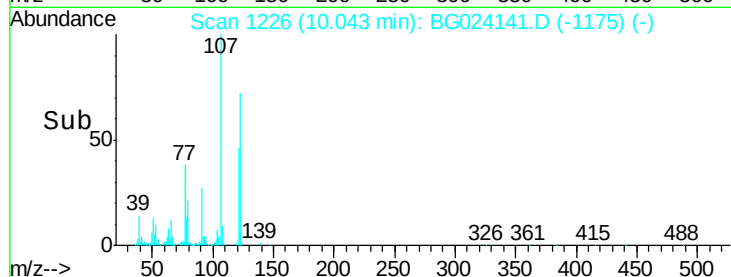
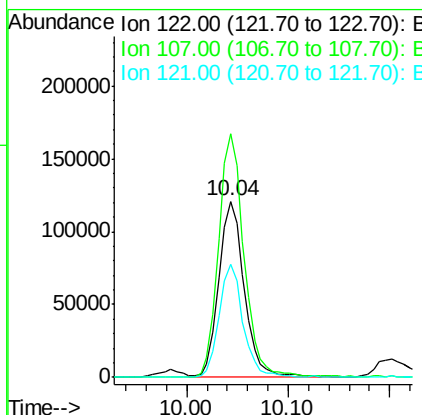
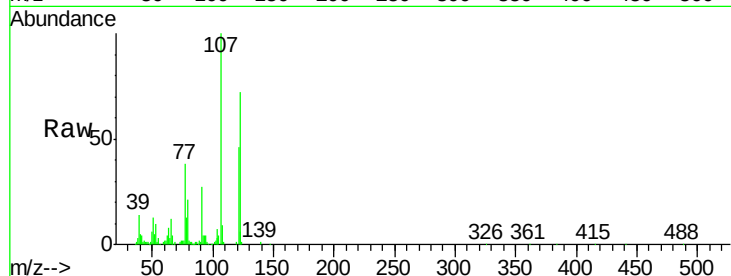




#27  
 2,4-Dimethylphenol  
 Concen: 51.10 ng  
 RT: 10.04 min Scan# 1226  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

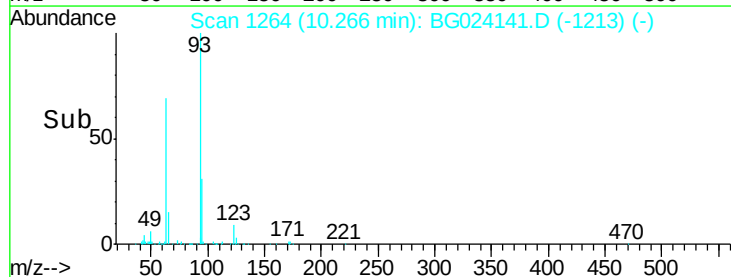
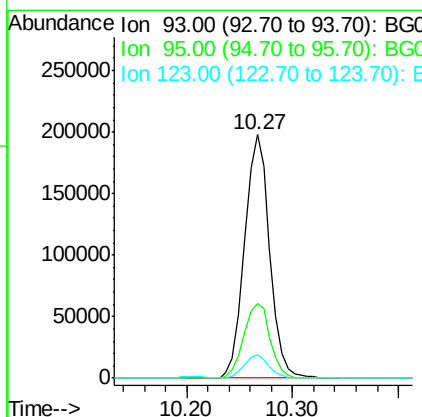
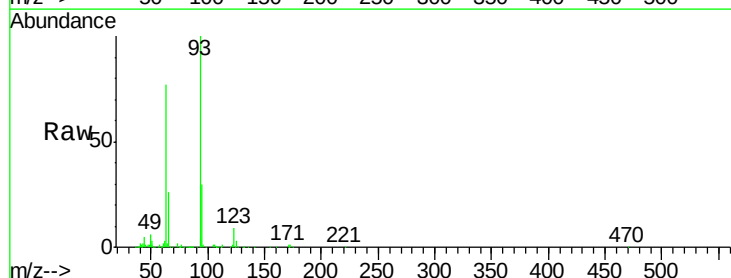
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

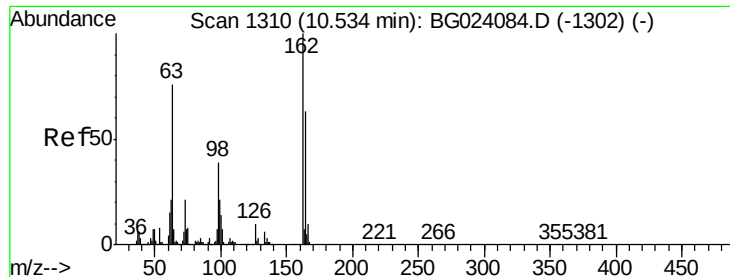
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 138.5 | 117.0 | 175.4 |
| 121     | 64.3  | 50.1  | 75.1  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 50.97 ng  
 RT: 10.27 min Scan# 1264  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.5  | 25.4  | 38.2  |
| 123     | 9.4   | 8.2   | 12.2  |

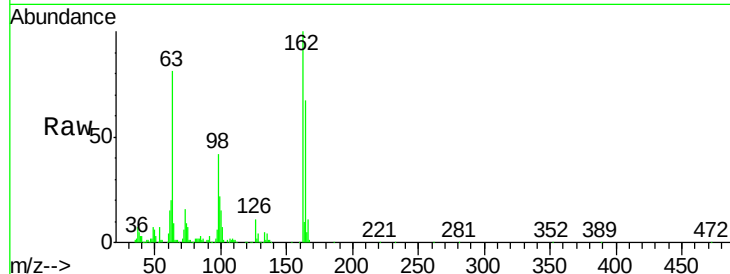




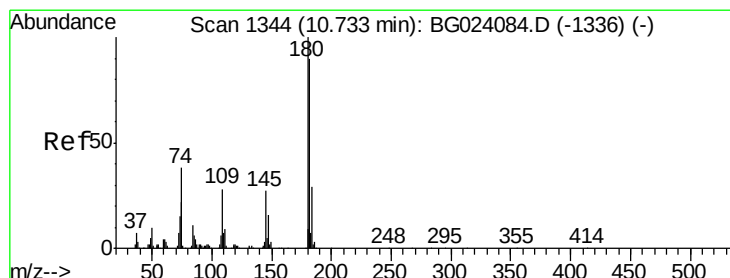
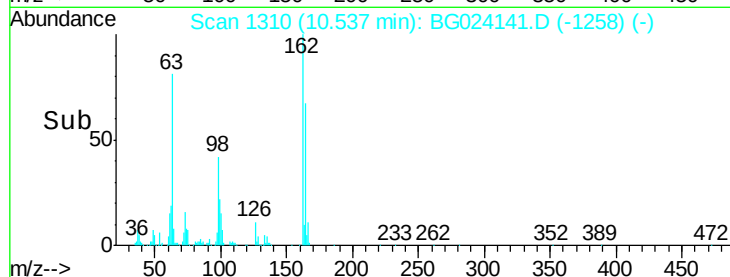
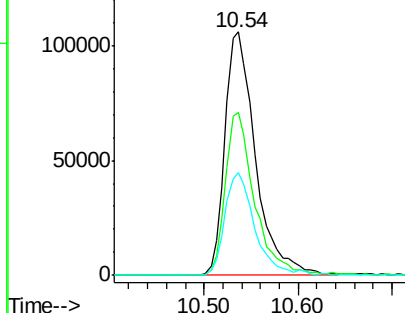
#29  
 2,4-Dichlorophenol  
 Concen: 56.17 ng  
 RT: 10.54 min Scan# 1310  
 Delta R.T. 0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 239854 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 164      | 66.8  | 44.3  | 84.3   |
| 98       | 42.2  | 19.5  | 59.5   |

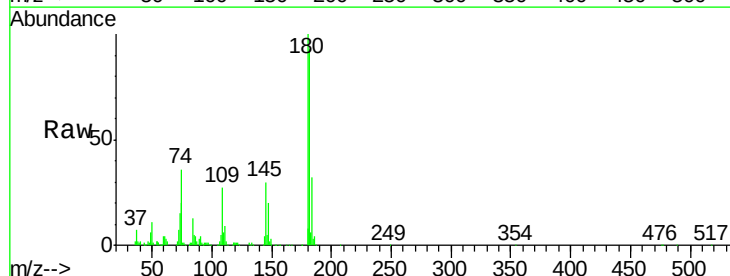


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BGC

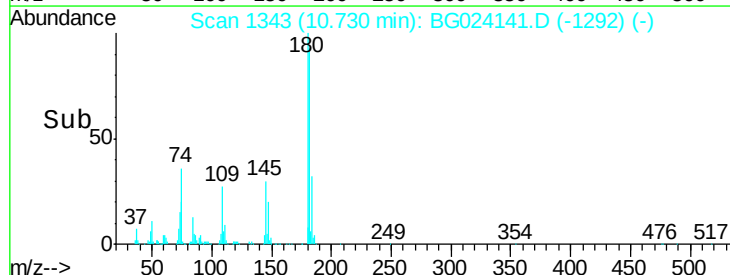
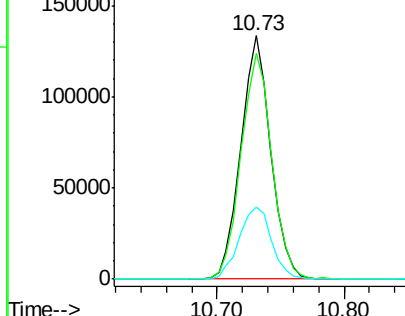


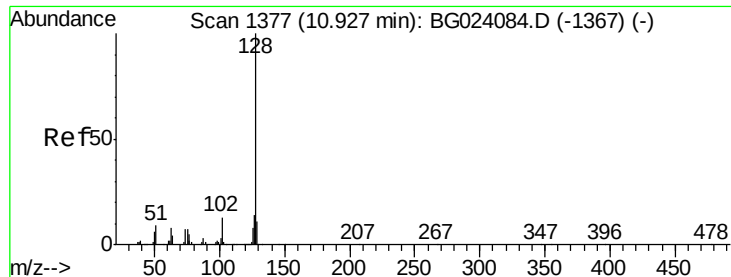
#30  
 1,2,4-Trichlorobenzene  
 Concen: 47.59 ng  
 RT: 10.73 min Scan# 1343  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 217503 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 92.6  | 73.8  | 110.8  |
| 145      | 29.6  | 24.4  | 36.6   |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

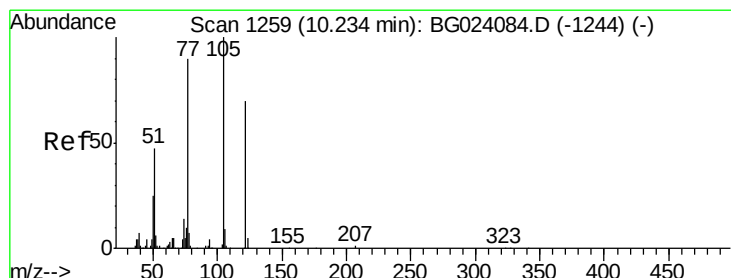
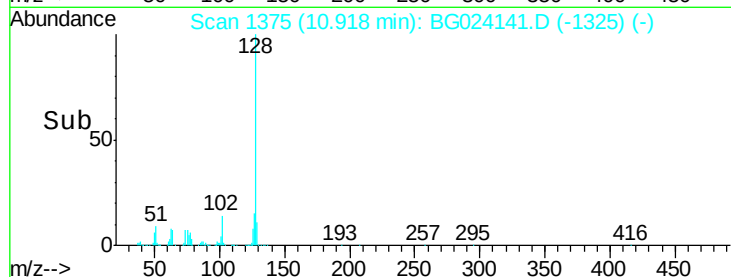
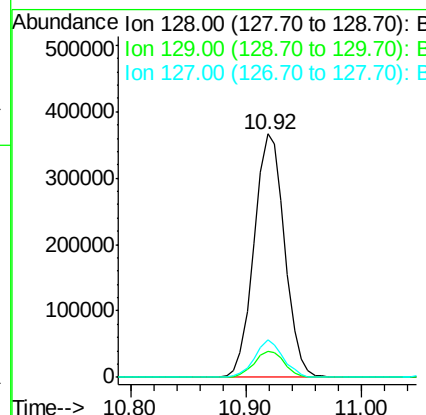
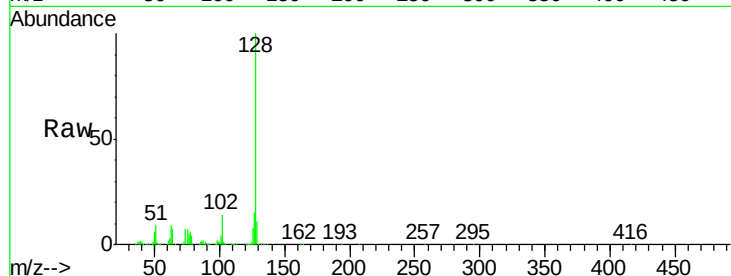




#31  
Naphthalene  
Concen: 52.33 ng  
RT: 10.92 min Scan# 1375  
Delta R.T. -0.01 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

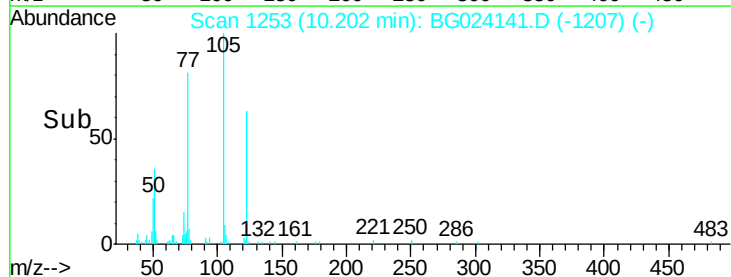
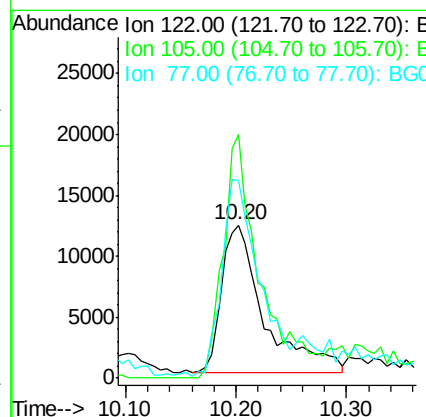
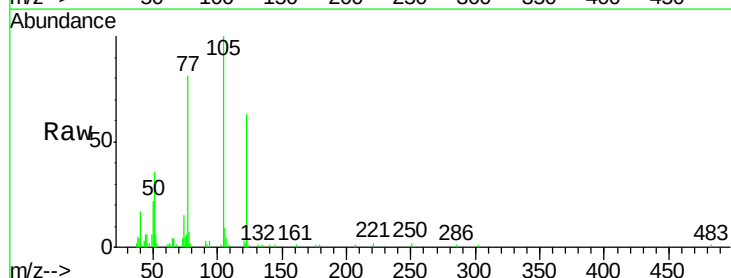
Instrument :  
BNA\_G  
ClientSampleId :  
TRACK-D-GRID-17AMS

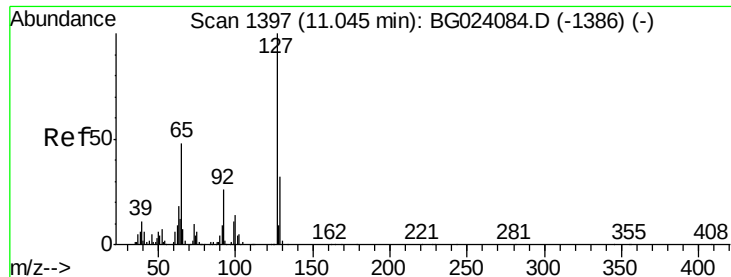
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 9.4   | 14.0  |
| 127     | 15.2  | 11.3  | 16.9  |



#32  
Benzoic acid  
Concen: 12.80 ng  
RT: 10.20 min Scan# 1253  
Delta R.T. -0.03 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 159.3 | 117.2 | 157.2# |
| 77      | 129.0 | 109.2 | 149.2  |

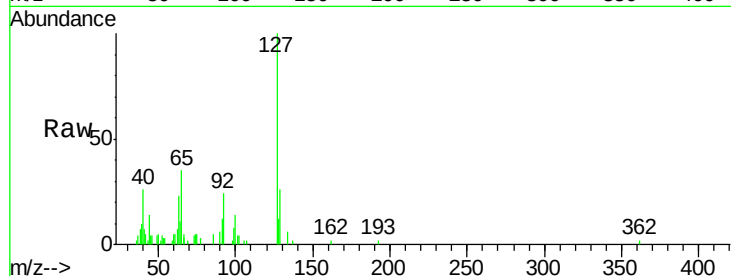




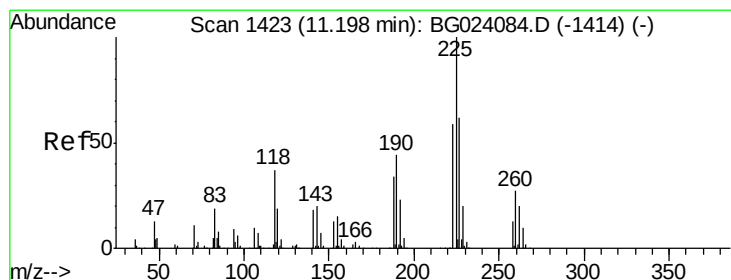
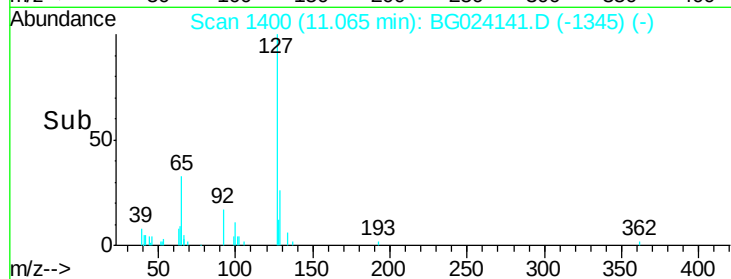
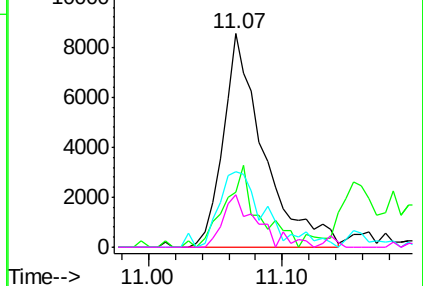
#33  
4-Chloroaniline  
Concen: 3.14 ng  
RT: 11.07 min Scan# 1400  
Delta R.T. 0.02 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

Instrument :  
BNA\_G  
ClientSampleId :  
TRACK-D-GRID-17AMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 18031 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 26.0  | 27.9  | 41.9# |
| 65       | 35.4  | 36.8  | 55.2# |
| 92       | 24.4  | 21.0  | 31.6  |

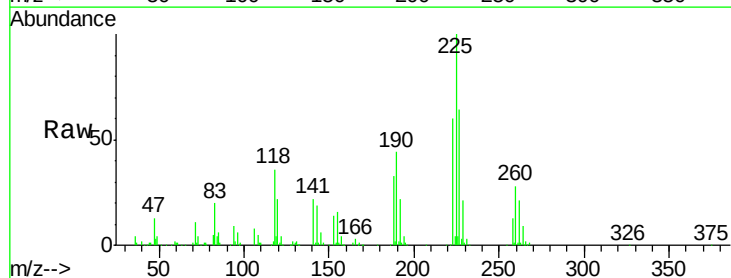


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

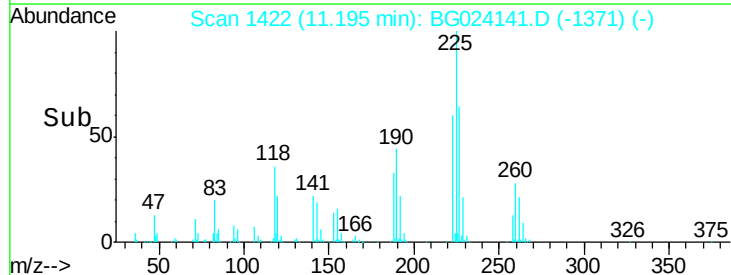
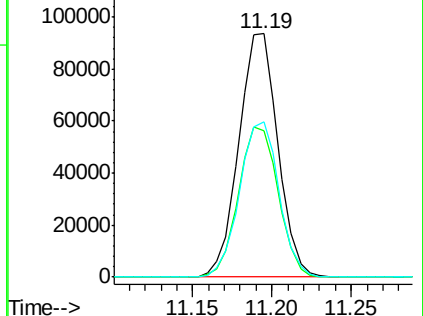


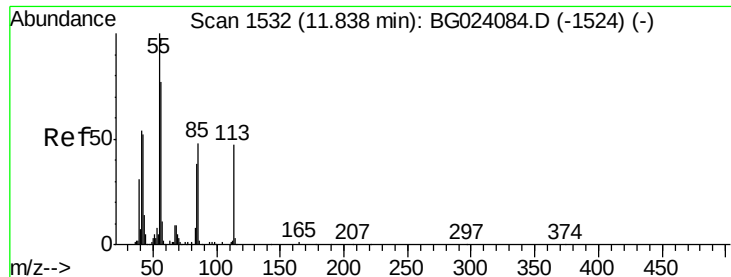
#34  
Hexachlorobutadiene  
Concen: 44.40 ng  
RT: 11.19 min Scan# 1422  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 159731 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.0  | 49.6  | 74.4   |
| 227      | 63.7  | 54.5  | 81.7   |



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: 26.77 ng

RT: 11.84 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

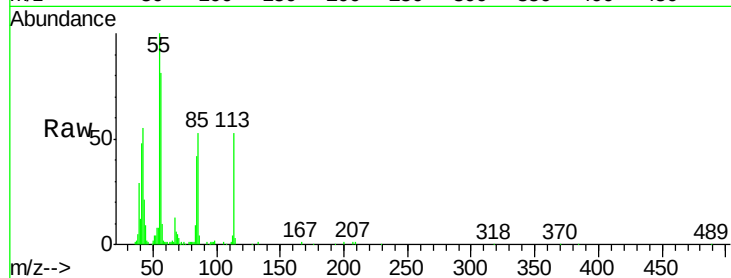
Tgt Ion:113 Resp: 46500

Ion Ratio Lower Upper

113 100

55 188.0 154.5 194.5

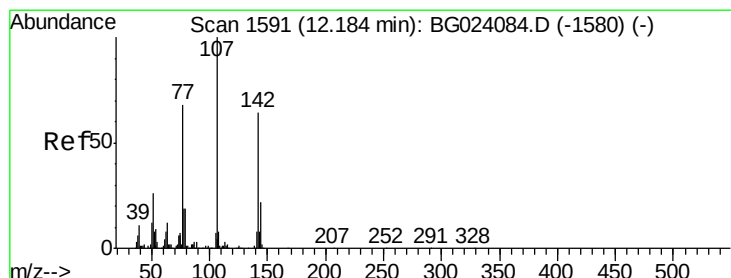
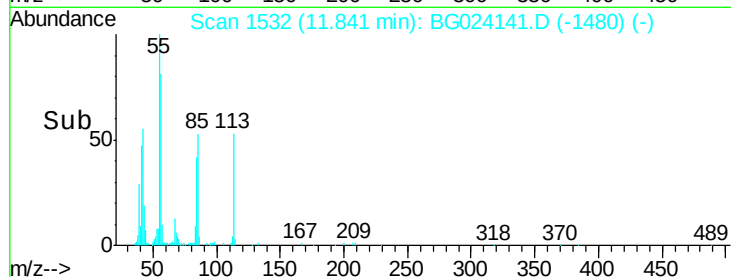
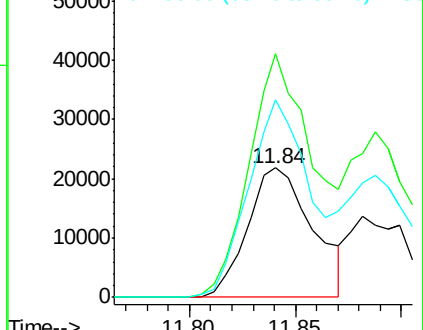
56 152.4 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 52.78 ng

RT: 12.19 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

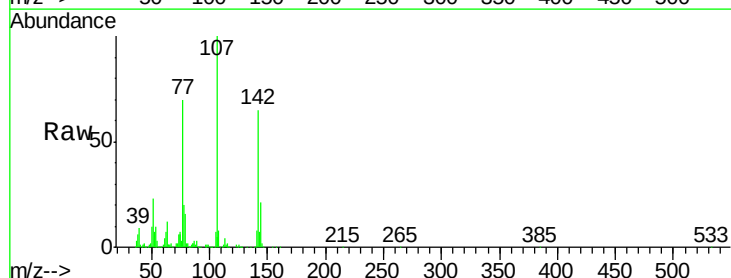
Tgt Ion:107 Resp: 317140

Ion Ratio Lower Upper

107 100

144 21.4 17.0 25.6

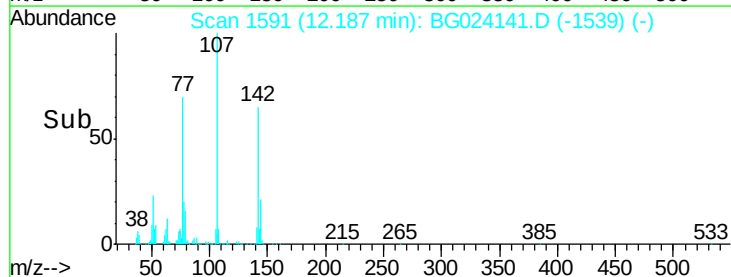
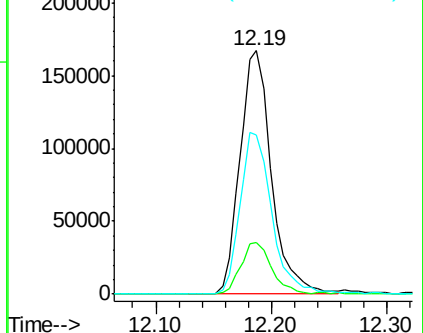
142 65.3 53.0 79.6

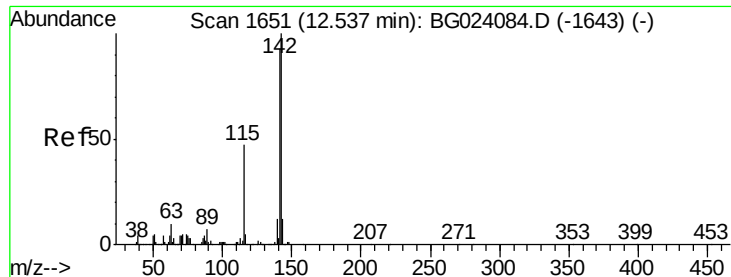


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

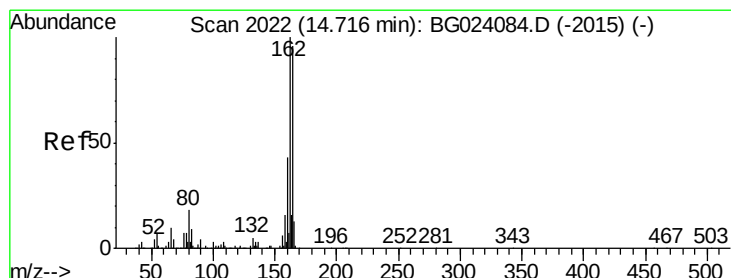
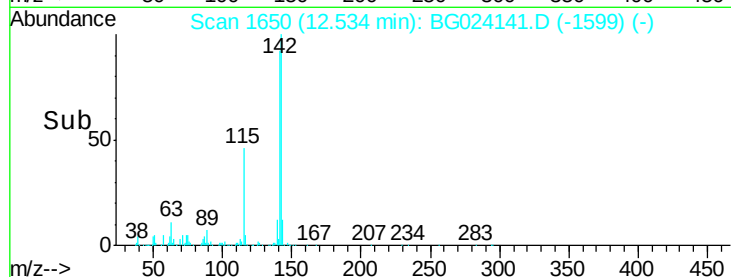
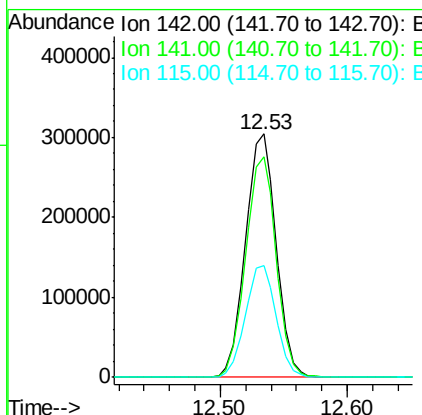
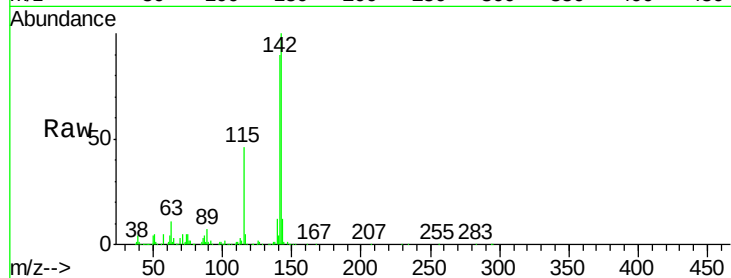




#37  
 2-Methylnaphthalene  
 Concen: 51.90 ng  
 RT: 12.53 min Scan# 1650  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

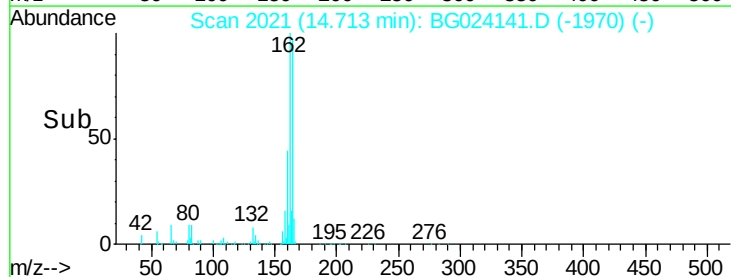
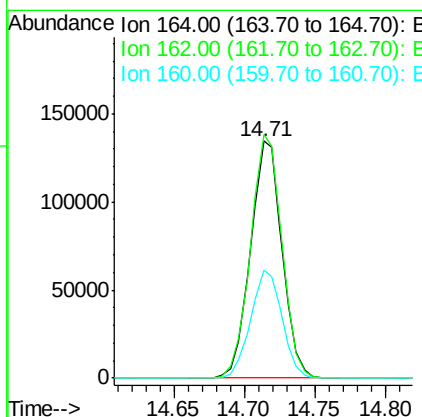
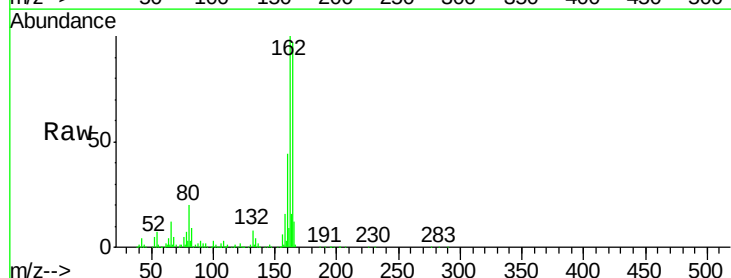
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

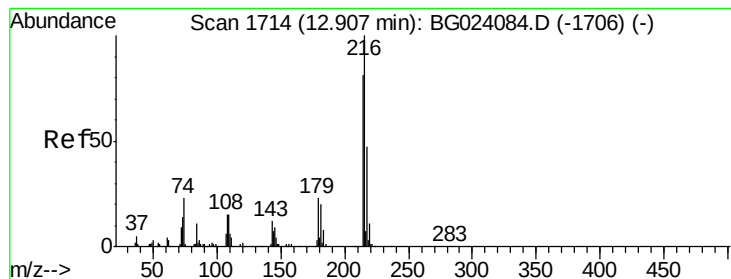
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.4  | 70.2  | 105.2 |
| 115     | 45.8  | 41.7  | 62.5  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.71 min Scan# 2021  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.8 | 87.7  | 131.5 |
| 160     | 45.3  | 37.2  | 55.8  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.58 ng

RT: 12.90 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

Tgt Ion:216 Resp: 262249

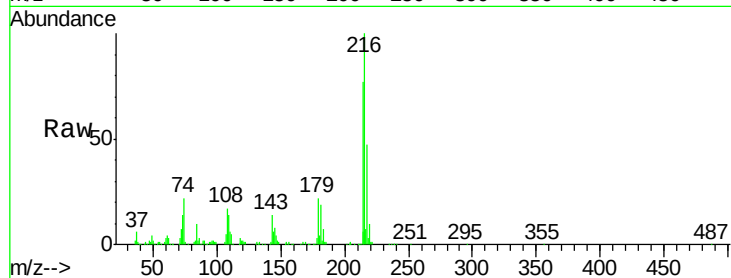
Ion Ratio Lower Upper

216 100

214 78.1 62.9 94.3

179 22.2 17.2 25.8

108 21.4 16.3 24.5

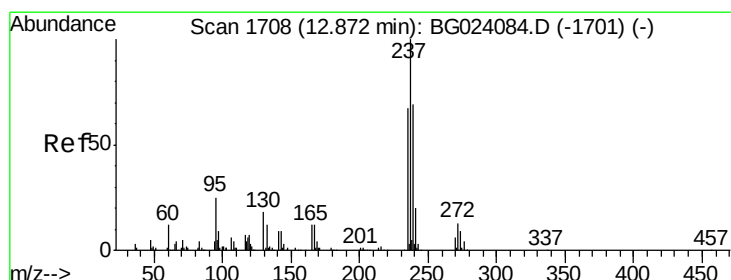
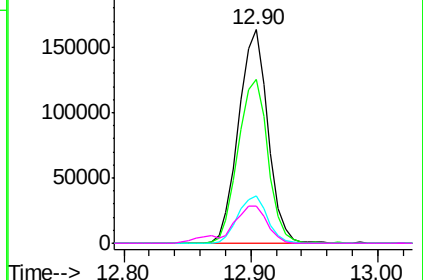
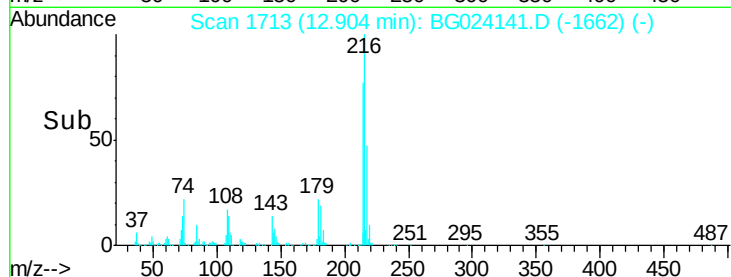


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.48 ng

RT: 12.87 min Scan# 1707

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

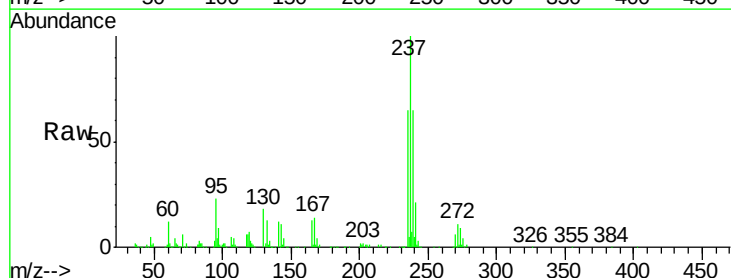
Tgt Ion:237 Resp: 221816

Ion Ratio Lower Upper

237 100

235 65.1 43.1 83.1

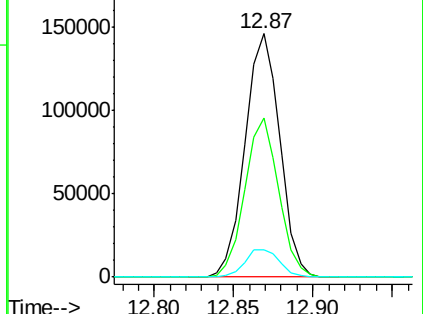
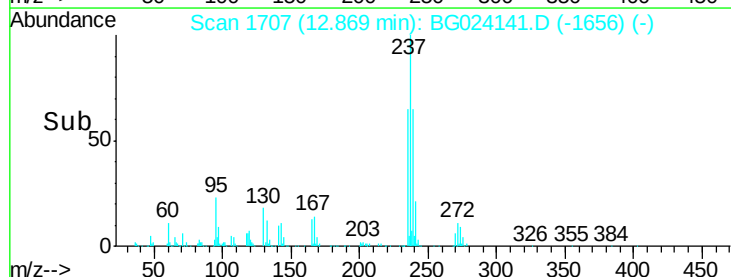
272 11.3 0.0 30.9



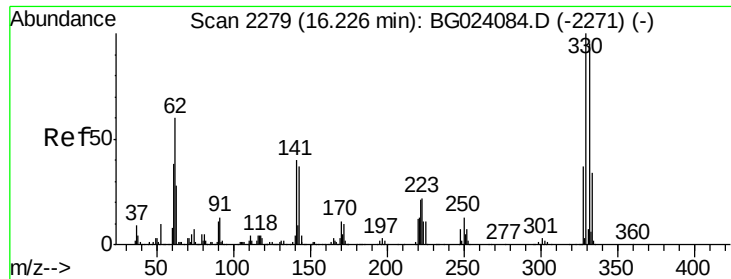
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







#41

2,4,6-Tribromophenol

Concen: 140.96 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

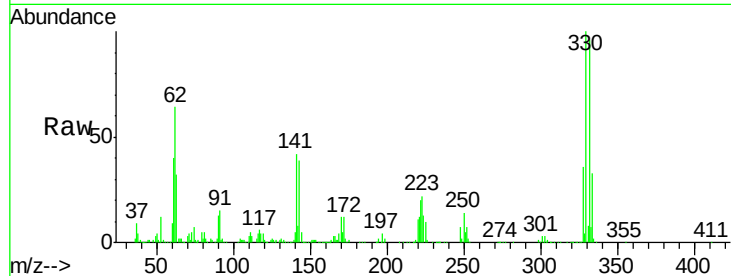
Instrument :

BNA\_G

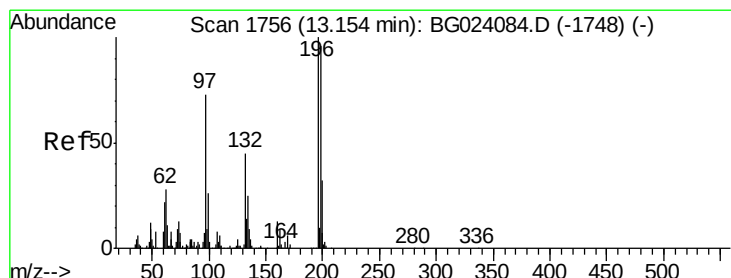
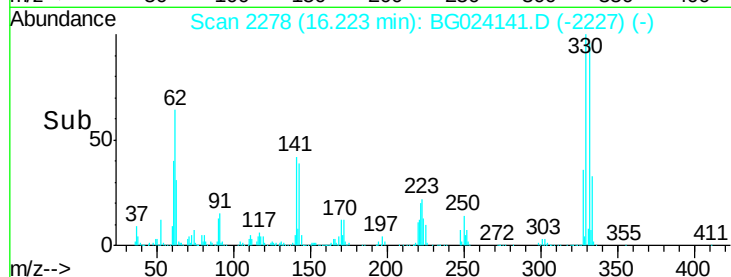
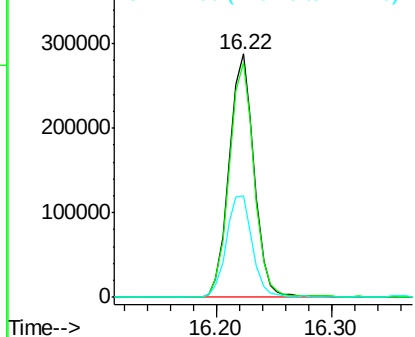
ClientSampleId :

TRACK-D-GRID-17AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 427405 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 95.9  | 77.4  | 116.2  |
| 141      | 43.6  | 31.7  | 47.5   |



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



#42

2,4,6-Trichlorophenol

Concen: 52.53 ng

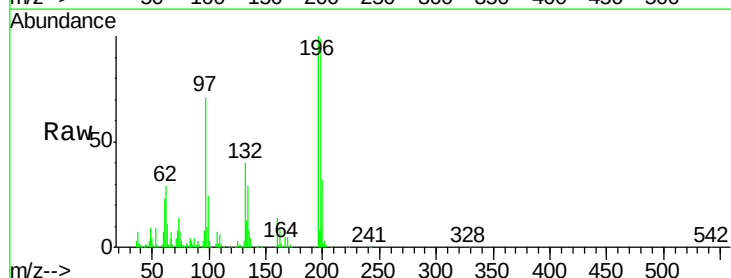
RT: 13.15 min Scan# 1755

Delta R.T. -0.00 min

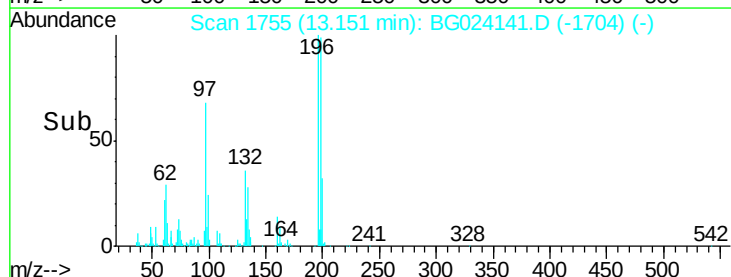
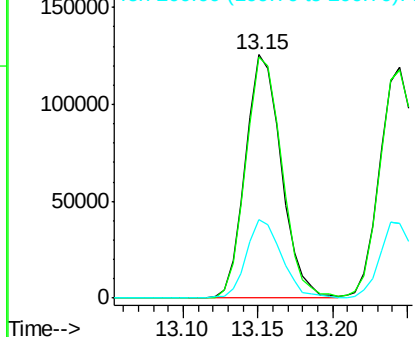
Lab File: BG024141.D

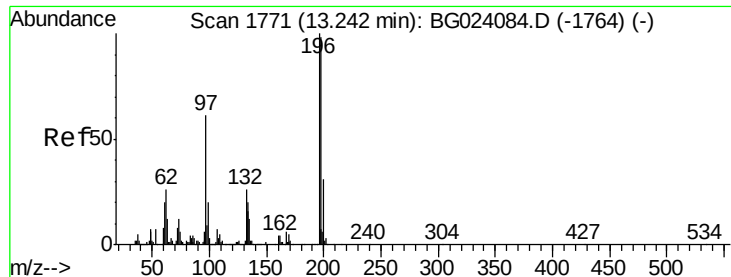
Acq: 26 Sep 2016 14:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 196   | Resp: | 209219 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 98.8  | 78.2  | 117.2  |
| 200      | 32.3  | 27.0  | 40.4   |



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

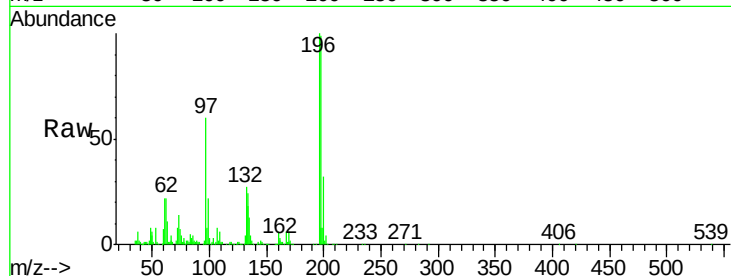




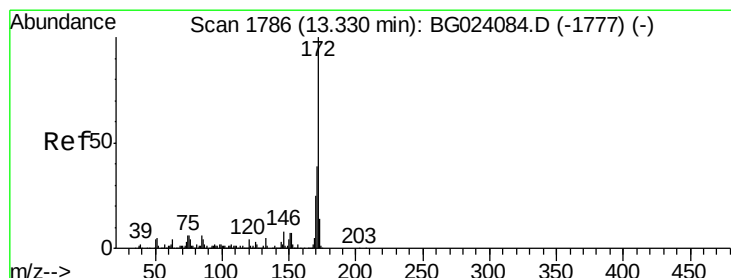
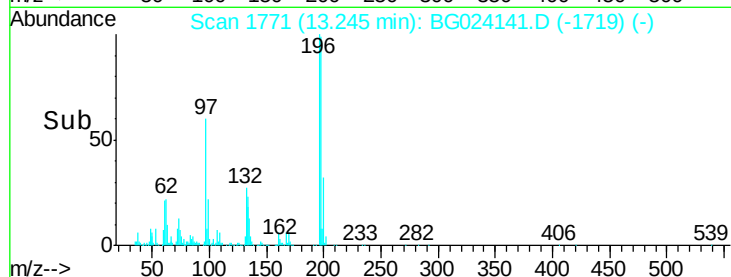
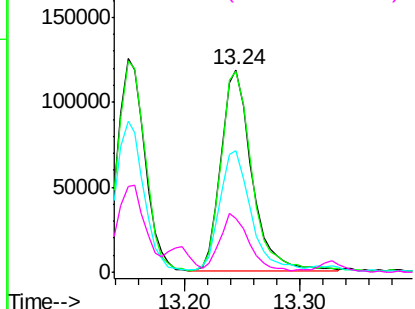
#43  
 2,4,5-Trichlorophenol  
 Concen: 53.44 ng  
 RT: 13.24 min Scan# 1771  
 Delta R.T. 0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

Tgt Ion:196 Resp: 219013  
 Ion Ratio Lower Upper  
 196 100  
 198 99.0 85.7 128.5  
 97 60.1 45.5 68.3  
 132 26.7 18.9 28.3

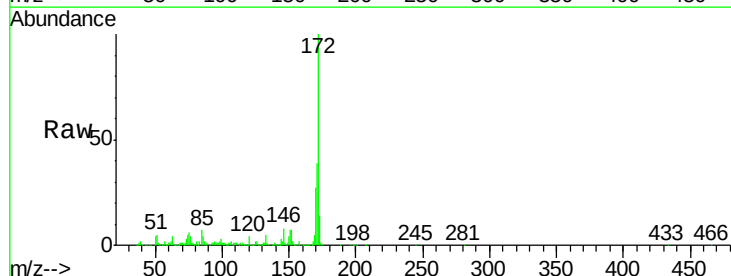


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

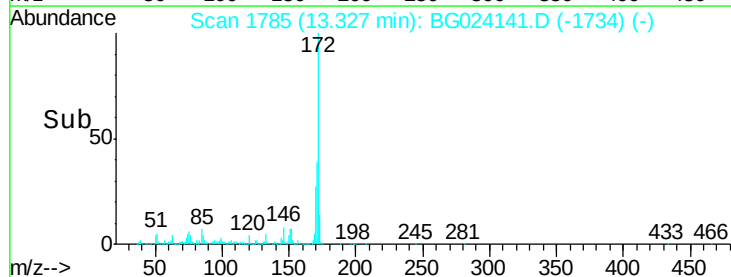
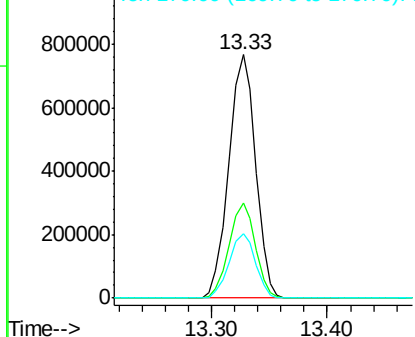


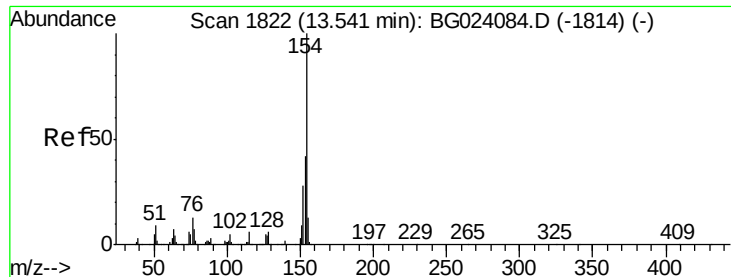
#44  
 2-Fluorobiphenyl  
 Concen: 97.98 ng  
 RT: 13.33 min Scan# 1785  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

Tgt Ion:172 Resp: 1229547  
 Ion Ratio Lower Upper  
 172 100  
 171 39.2 31.6 47.4  
 170 26.5 21.3 31.9



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

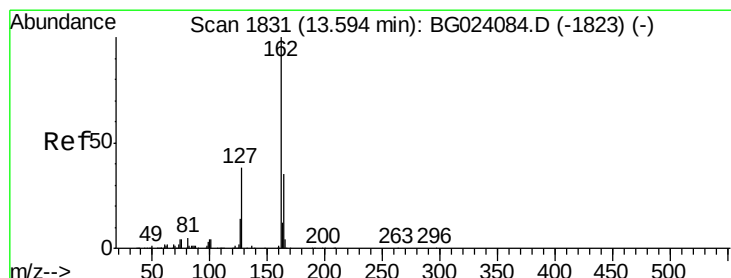
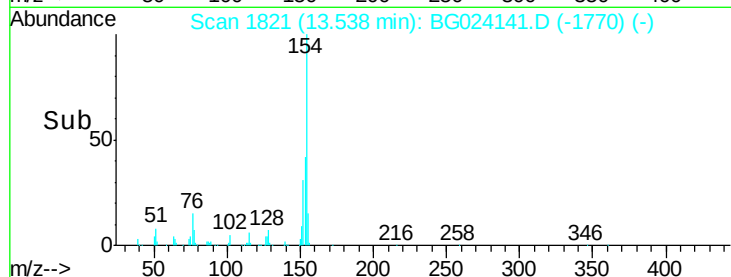
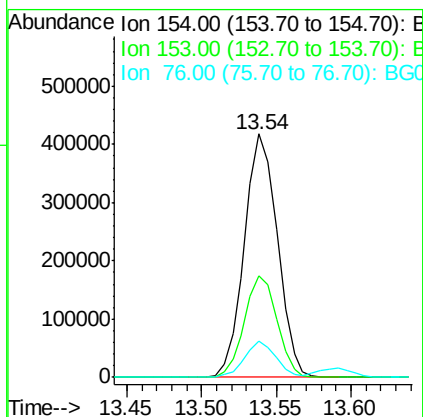
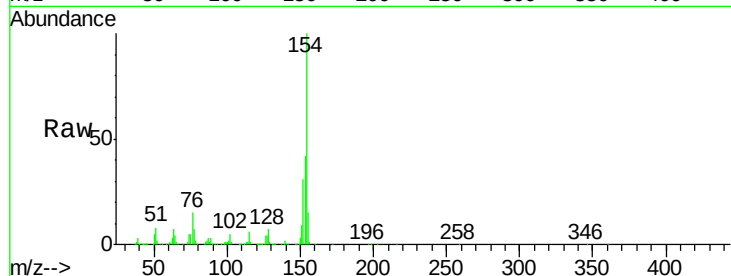




#45  
 1,1'-Biphenyl  
 Concen: 44.42 ng  
 RT: 13.54 min Scan# 1821  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

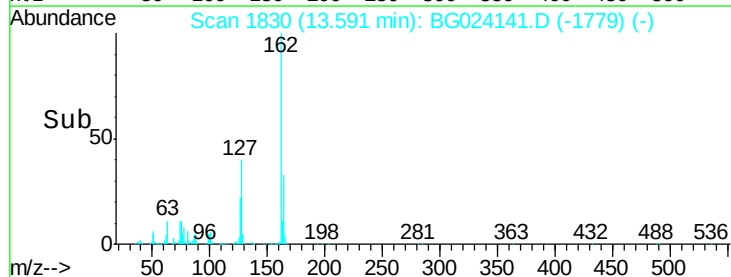
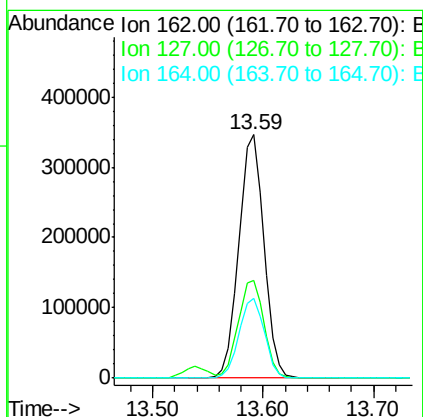
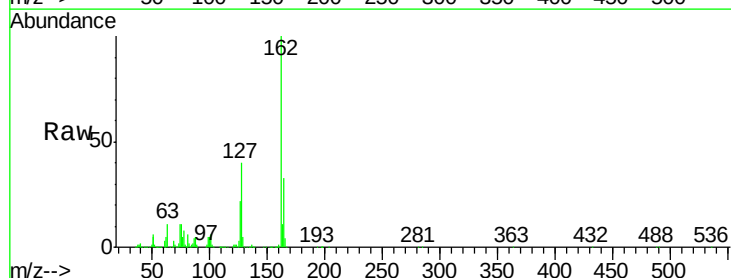
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

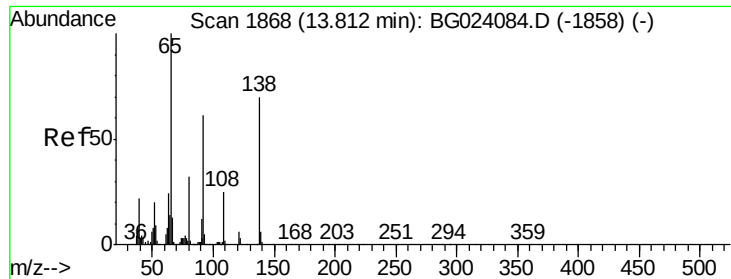
Tgt Ion:154 Resp: 640721  
 Ion Ratio Lower Upper  
 154 100  
 153 41.7 20.2 60.2  
 76 15.0 0.0 32.9



#46  
 2-Chloronaphthalene  
 Concen: 51.57 ng  
 RT: 13.59 min Scan# 1830  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

Tgt Ion:162 Resp: 555383  
 Ion Ratio Lower Upper  
 162 100  
 127 40.3 32.4 48.6  
 164 33.0 25.2 37.8





#47

2-Nitroaniline

Concen: 51.87 ng

RT: 13.81 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

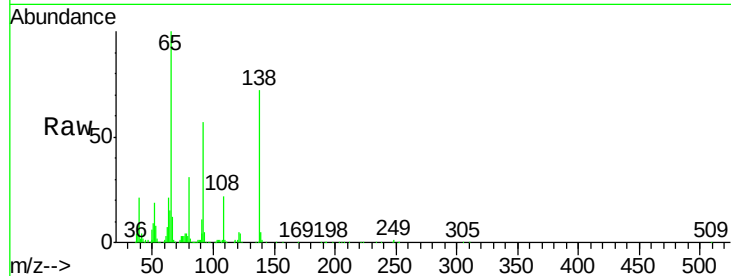
Tgt Ion: 65 Resp: 259947

Ion Ratio Lower Upper

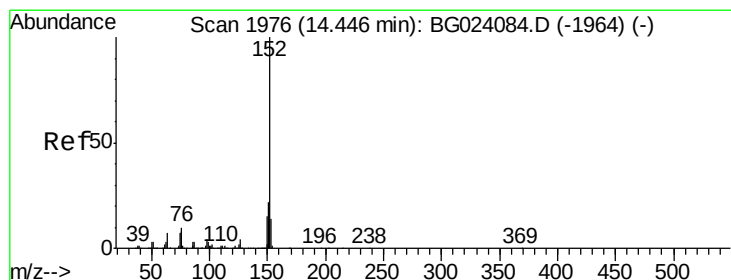
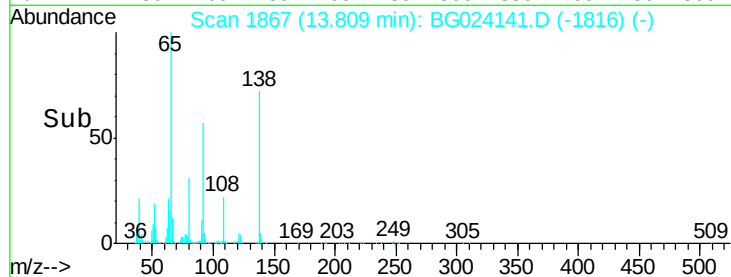
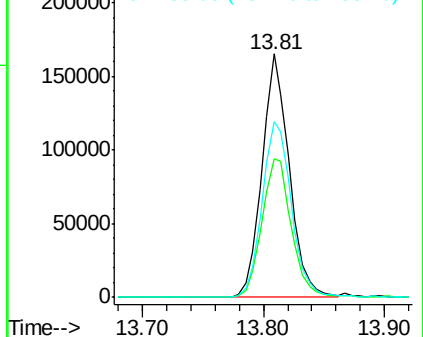
65 100

92 57.0 49.4 74.0

138 72.2 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 50.36 ng

RT: 14.44 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

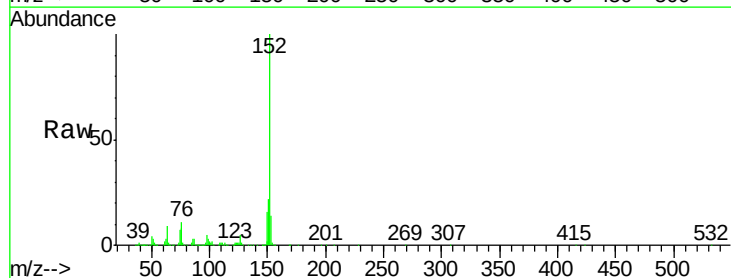
Tgt Ion: 152 Resp: 920781

Ion Ratio Lower Upper

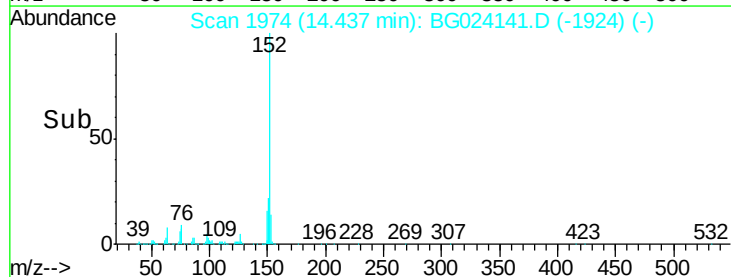
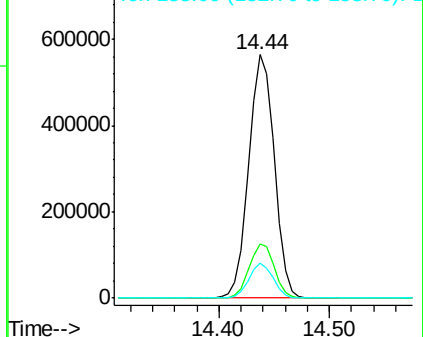
152 100

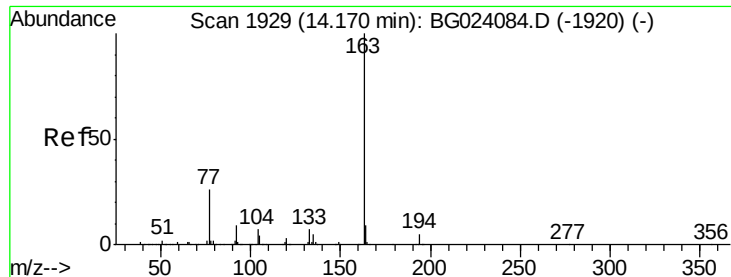
151 22.0 17.6 26.4

153 14.2 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): BGC  
Ion 151.00 (150.70 to 151.70): BGC  
Ion 153.00 (152.70 to 153.70): BGC

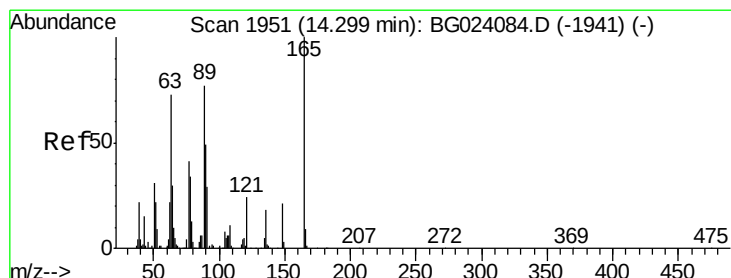
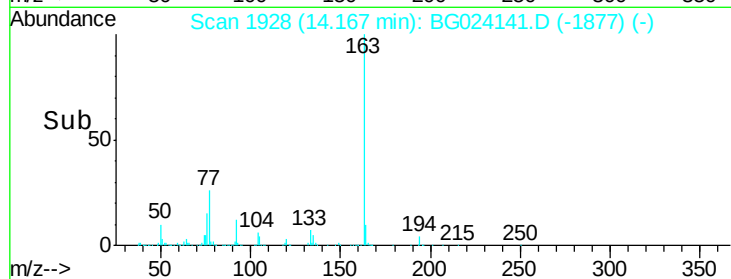
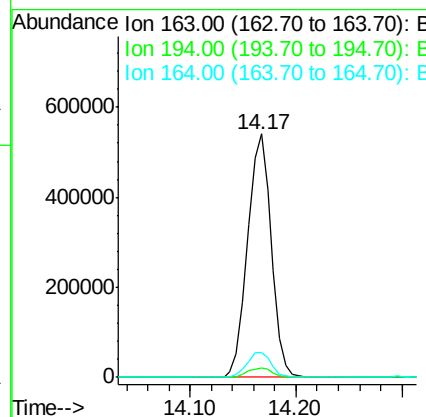
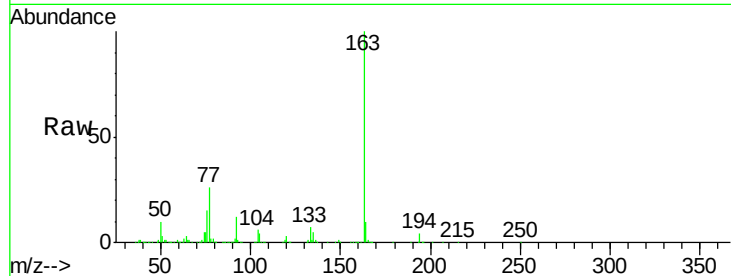




#49  
Dimethylphthalate  
Concen: 51.85 ng  
RT: 14.17 min Scan# 1928  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

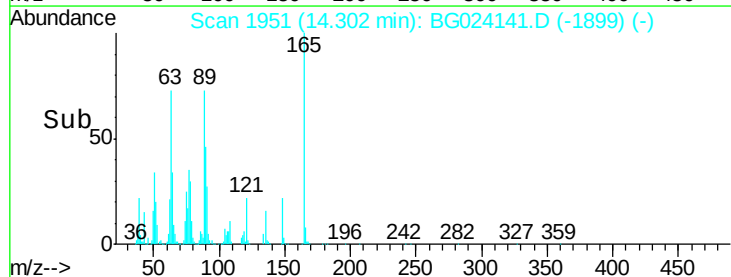
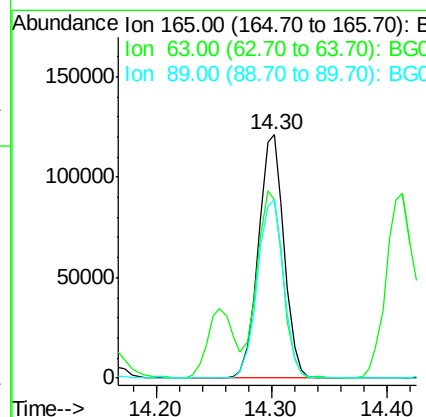
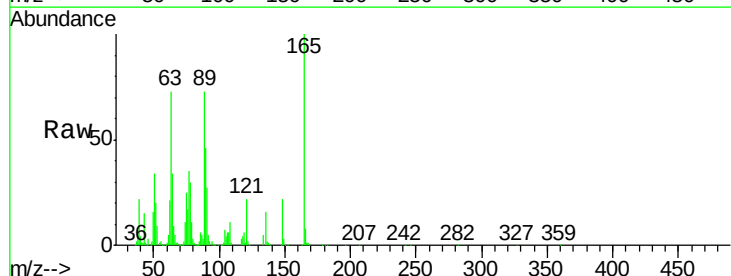
Instrument :  
BNA\_G  
ClientSampleId :  
TRACK-D-GRID-17AMS

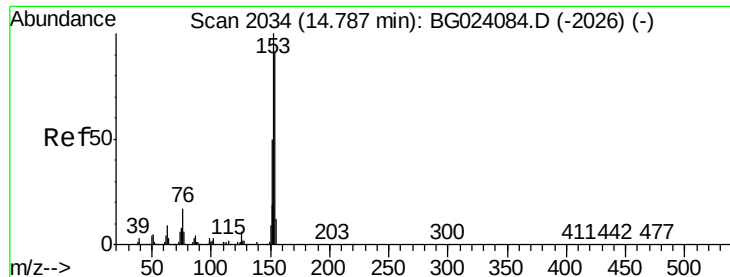
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.6   | 5.4   |
| 164     | 10.0  | 8.1   | 12.1  |



#50  
2,6-Dinitrotoluene  
Concen: 55.04 ng  
RT: 14.30 min Scan# 1951  
Delta R.T. 0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 73.4  | 64.3  | 96.5  |
| 89      | 73.0  | 64.3  | 96.5  |





#51

Acenaphthene

Concen: 51.96 ng

RT: 14.78 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

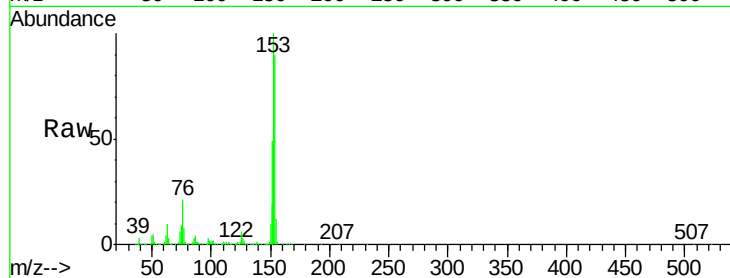
Tgt Ion:154 Resp: 576164

Ion Ratio Lower Upper

154 100

153 111.4 87.5 131.3

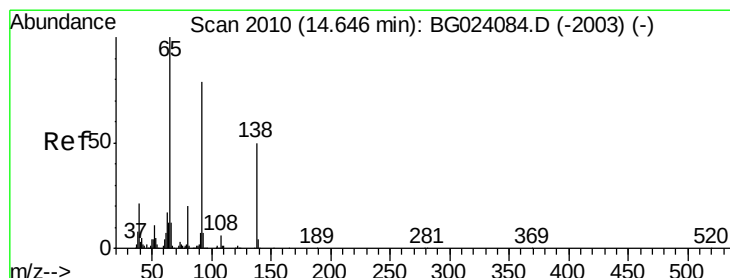
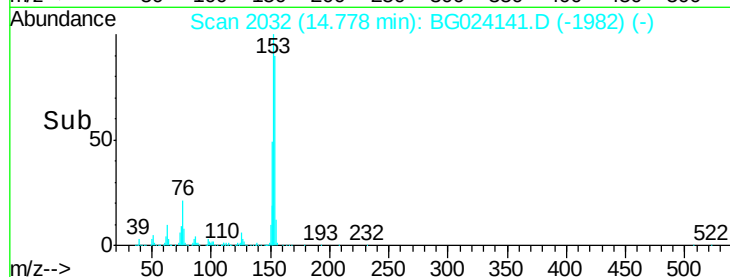
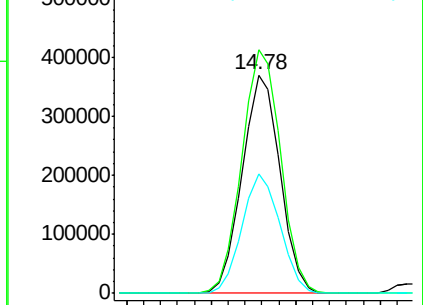
152 54.8 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.69 ng

RT: 14.65 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

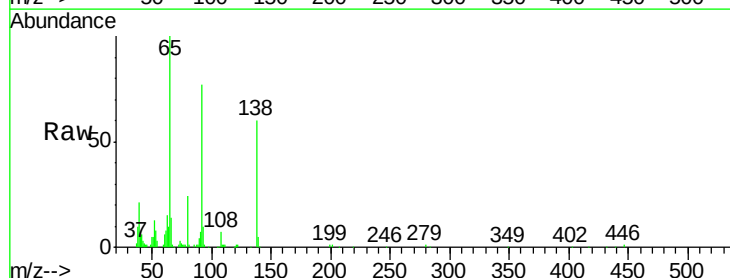
Tgt Ion:138 Resp: 46490

Ion Ratio Lower Upper

138 100

108 12.2 11.7 17.5

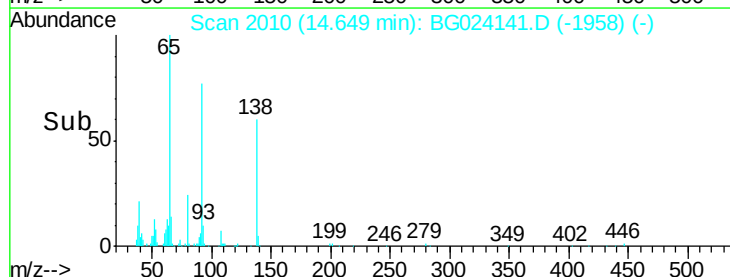
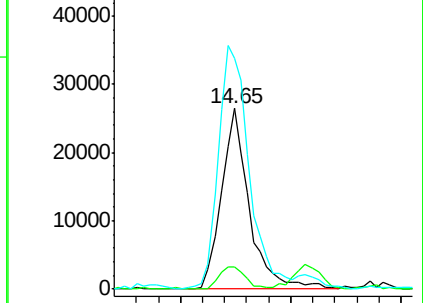
92 128.0 129.7 194.5#

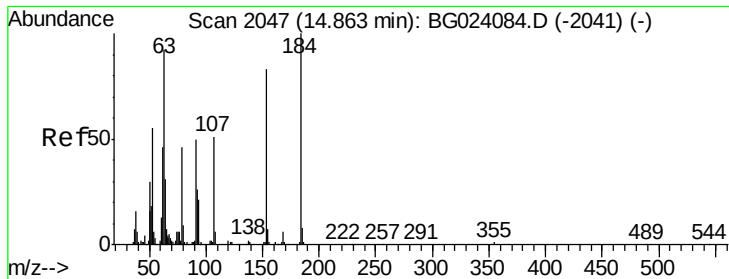


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

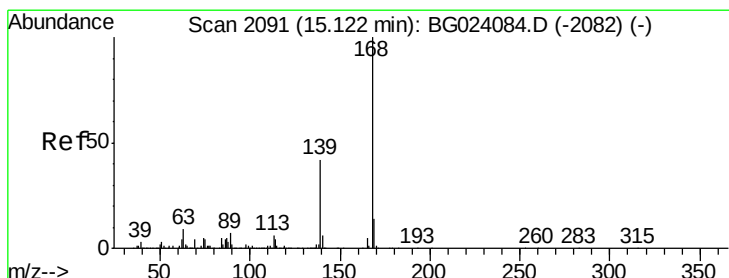
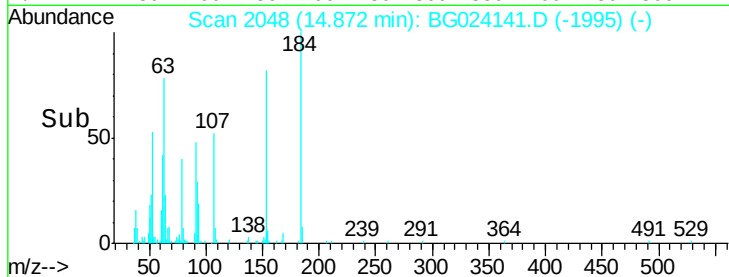
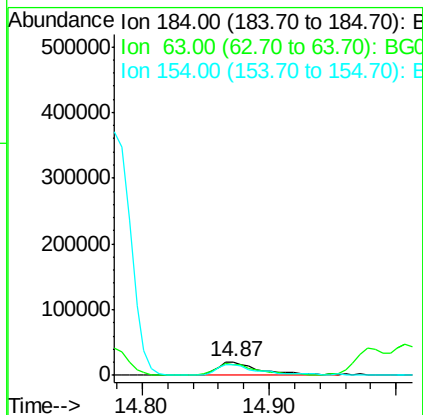
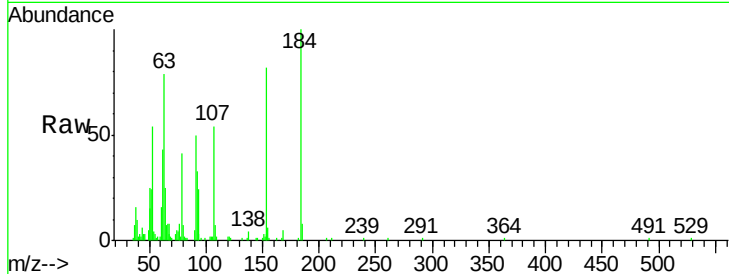




#53  
2,4-Dinitrophenol  
Concen: 26.07 ng  
RT: 14.87 min Scan# 2048  
Delta R.T. 0.01 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

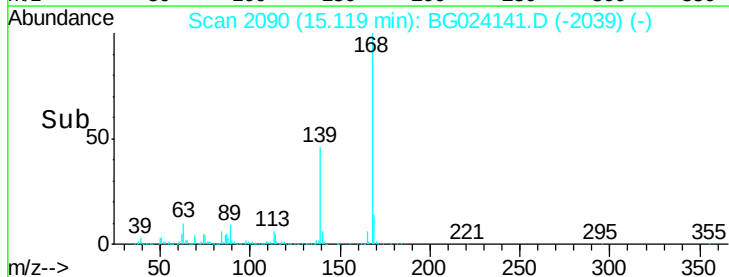
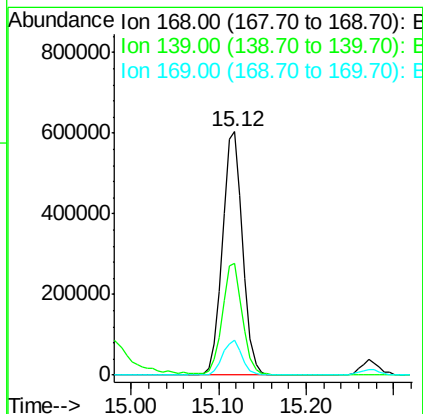
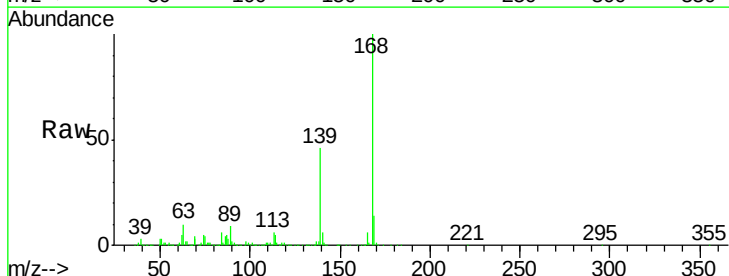
Instrument :  
BNA\_G  
ClientSampleId :  
TRACK-D-GRID-17AMS

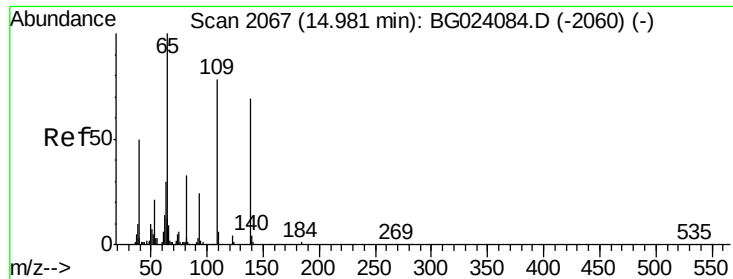
Tgt Ion:184 Resp: 48401  
Ion Ratio Lower Upper  
184 100  
63 79.4 59.6 89.4  
154 82.3 67.4 101.0



#54  
Dibenzofuran  
Concen: 55.33 ng  
RT: 15.12 min Scan# 2090  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

Tgt Ion:168 Resp: 955348  
Ion Ratio Lower Upper  
168 100  
139 46.0 36.4 54.6  
169 14.4 11.9 17.9

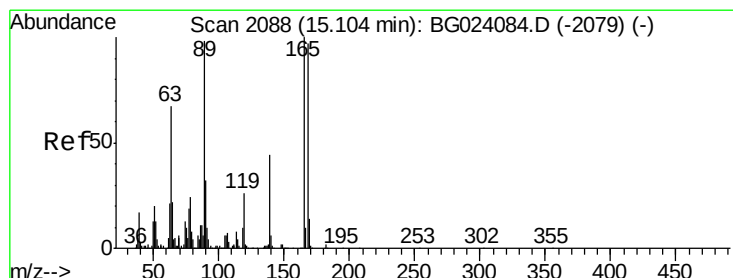
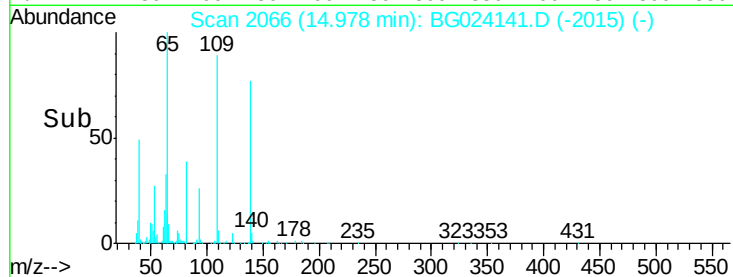
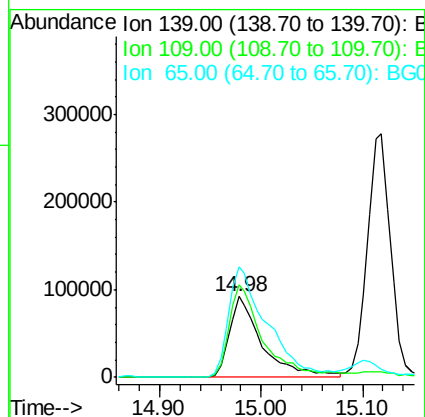
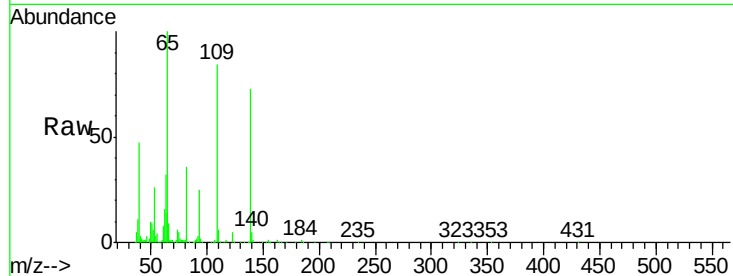




#55  
4-Nitrophenol  
Concen: 77.21 ng  
RT: 14.98 min Scan# 2066  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

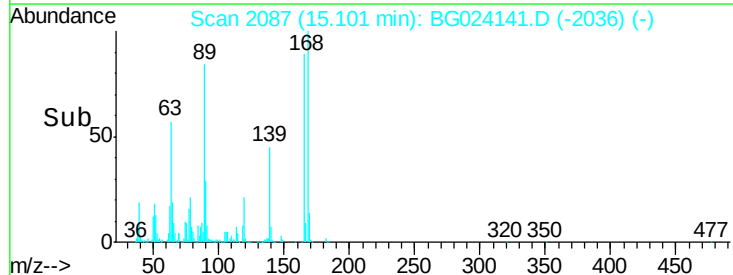
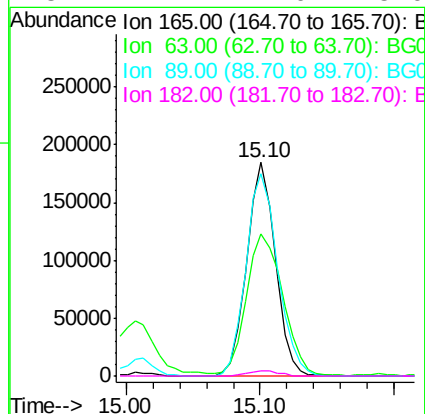
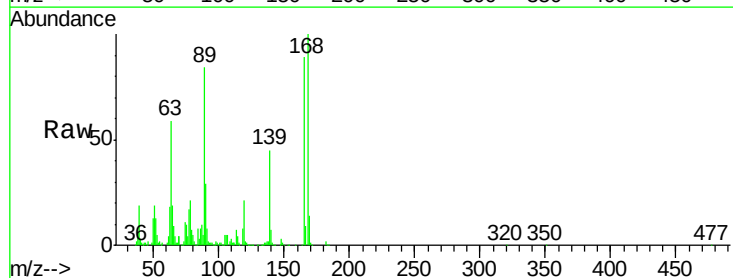
Instrument :  
BNA\_G  
ClientSampleId :  
TRACK-D-GRID-17AMS

Tgt Ion:139 Resp: 207609  
Ion Ratio Lower Upper  
139 100  
109 115.7 103.0 143.0  
65 137.7 112.7 152.7

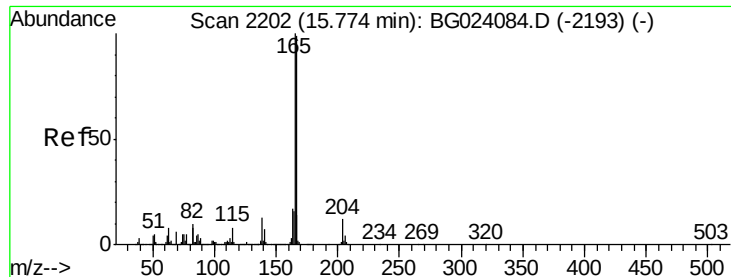


#56  
2,4-Dinitrotoluene  
Concen: 52.41 ng  
RT: 15.10 min Scan# 2087  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

Tgt Ion:165 Resp: 271094  
Ion Ratio Lower Upper  
165 100  
63 66.3 45.8 68.6  
89 94.6 68.6 102.8  
182 2.4 2.0 3.0



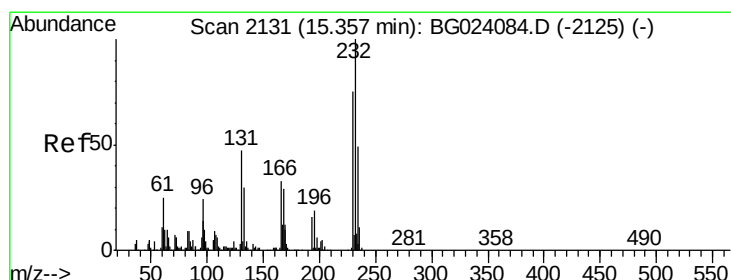
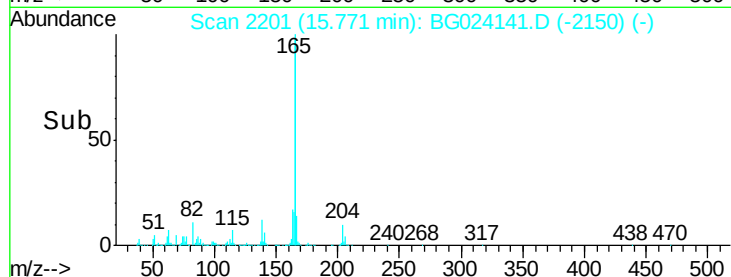
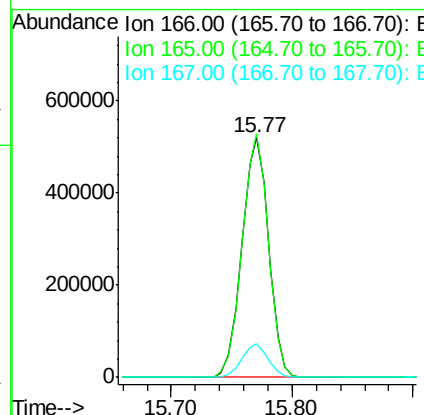
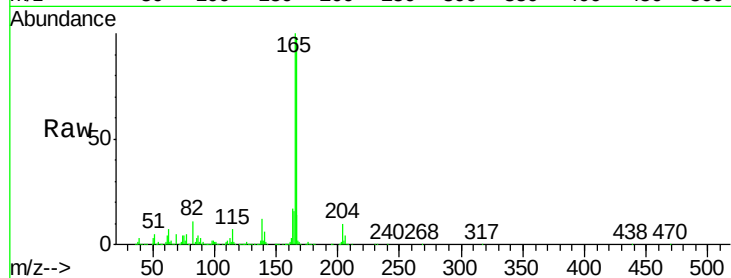




#57  
**Fluorene**  
 Concen: 53.14 ng  
 RT: 15.77 min Scan# 2201  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

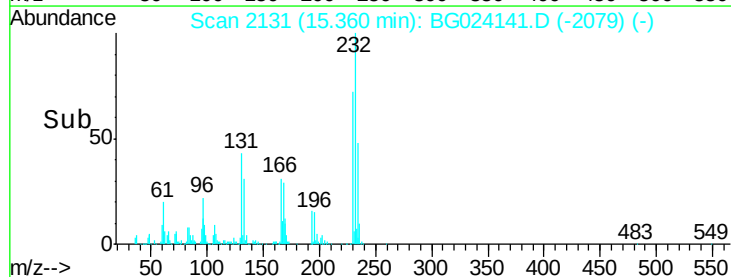
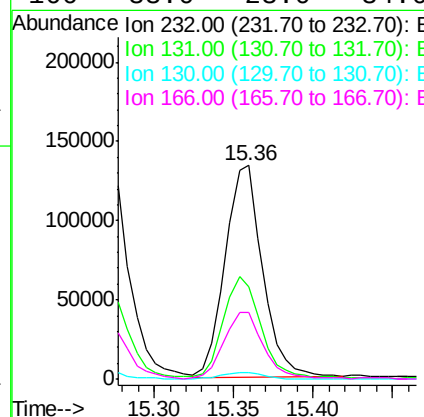
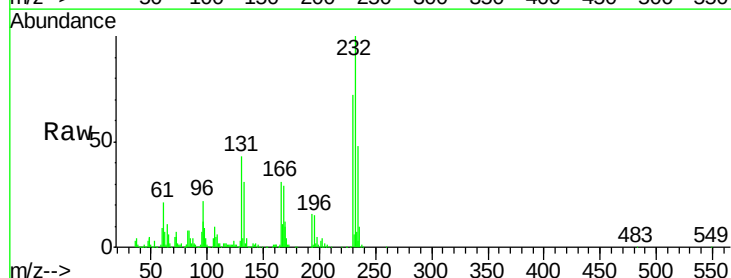
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

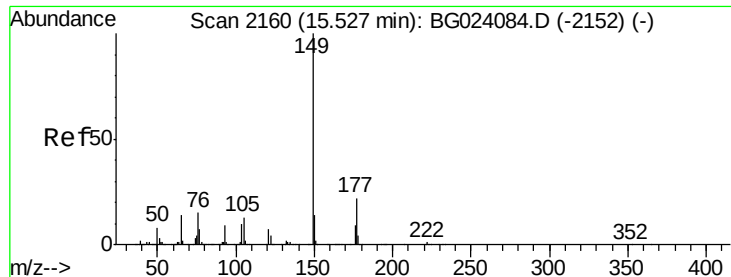
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 101.6 | 81.0  | 121.6 |
| 167     | 14.0  | 12.0  | 18.0  |



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 55.05 ng  
 RT: 15.36 min Scan# 2131  
 Delta R.T. 0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 49.1  | 32.7  | 49.1  |
| 130     | 3.2   | 2.6   | 3.8   |
| 166     | 33.0  | 23.0  | 34.6  |

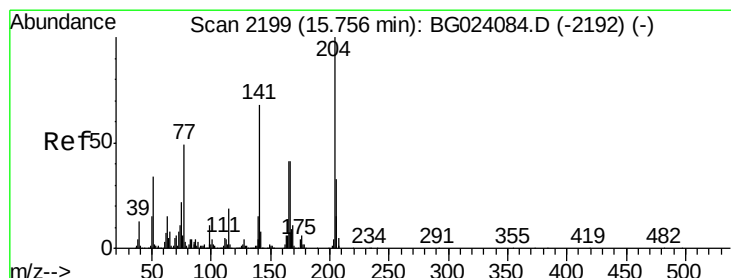
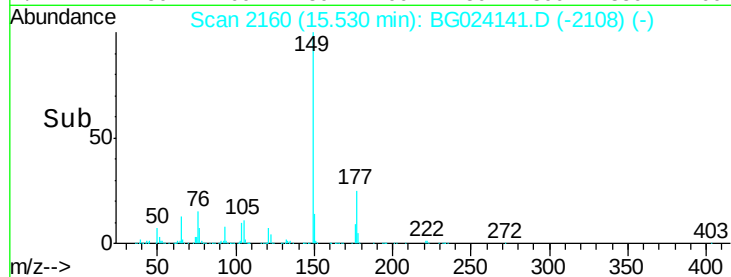
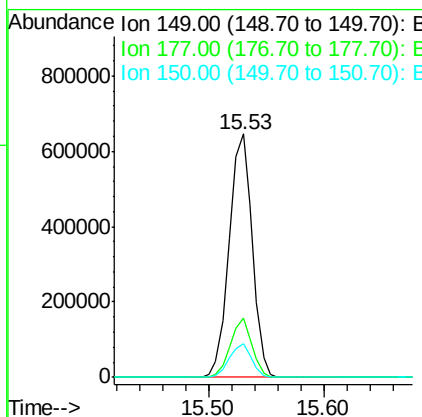
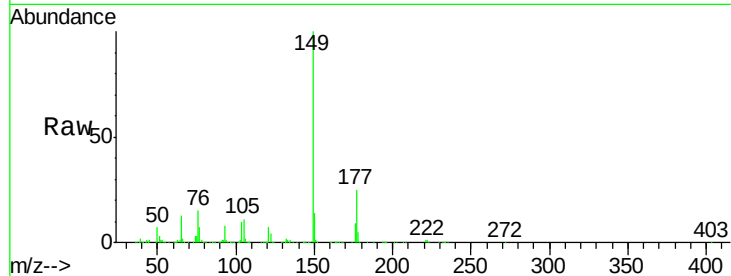




#59  
Diethylphthalate  
Concen: 51.09 ng  
RT: 15.53 min Scan# 2160  
Delta R.T. 0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

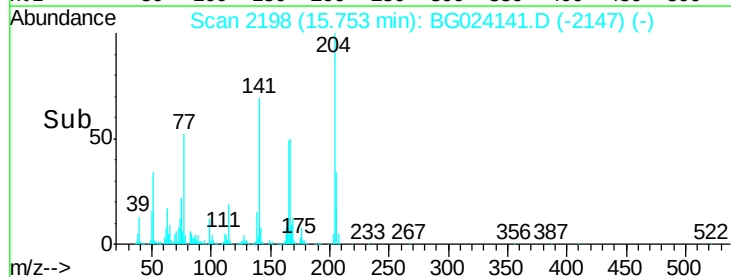
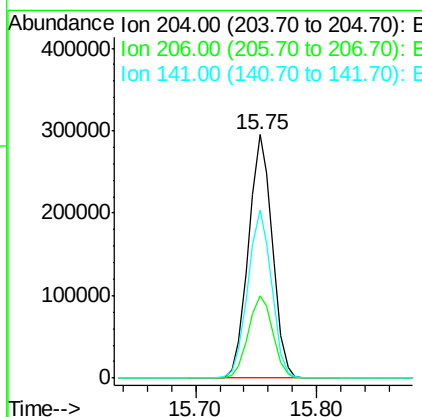
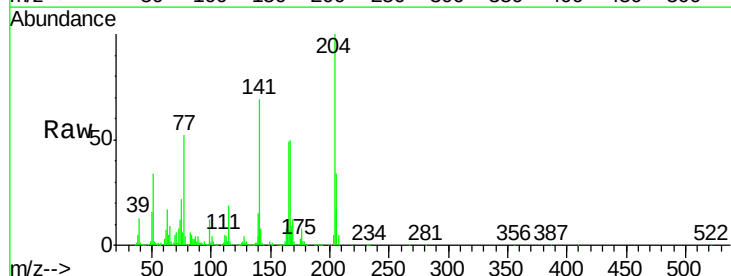
Instrument :  
BNA\_G  
ClientSampleId :  
TRACK-D-GRID-17AMS

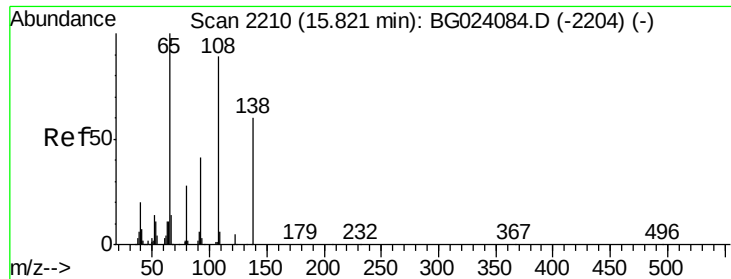
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.6  | 19.2  | 28.8  |
| 150     | 14.0  | 10.6  | 16.0  |



#60  
4-Chlorophenyl-phenylether  
Concen: 50.54 ng  
RT: 15.75 min Scan# 2198  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.7  | 28.5  | 42.7  |
| 141     | 69.0  | 51.4  | 77.0  |

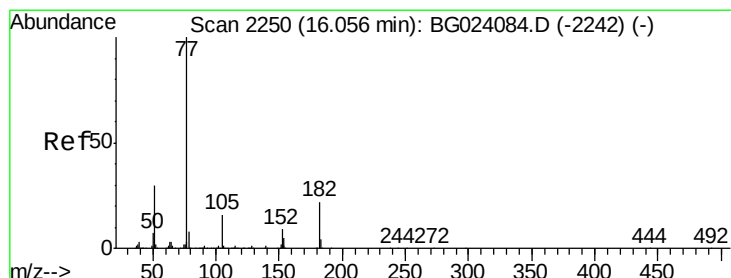
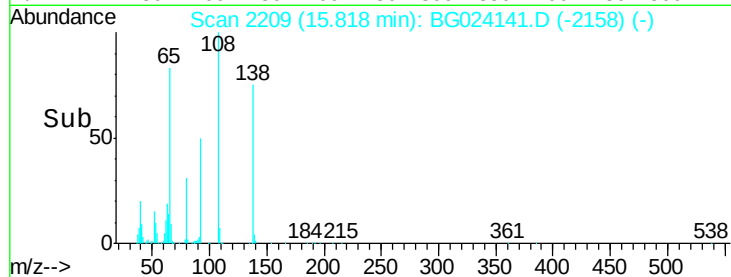
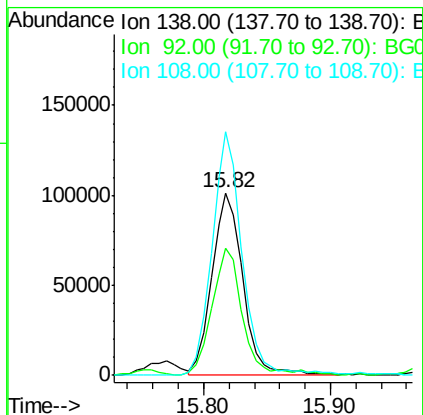
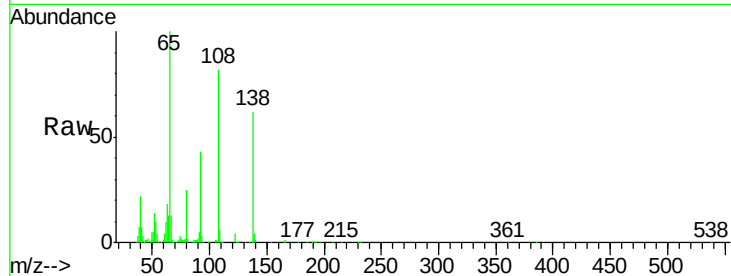




#61  
4-Nitroaniline  
Concen: 48.21 ng  
RT: 15.82 min Scan# 2209  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

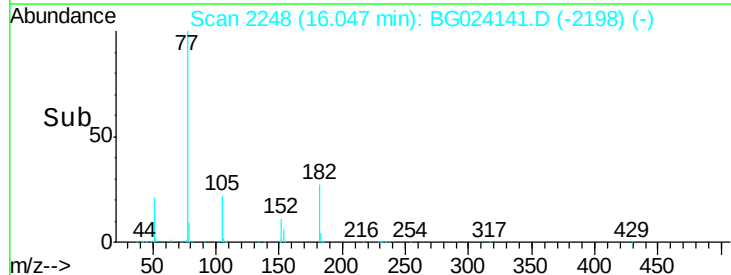
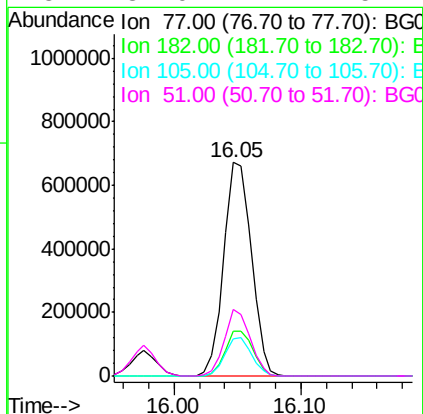
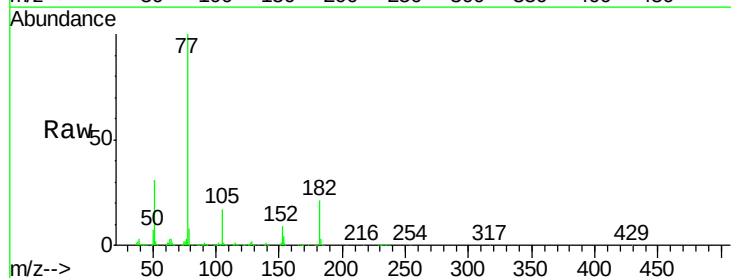
Instrument :  
BNA\_G  
ClientSampleId :  
TRACK-D-GRID-17AMS

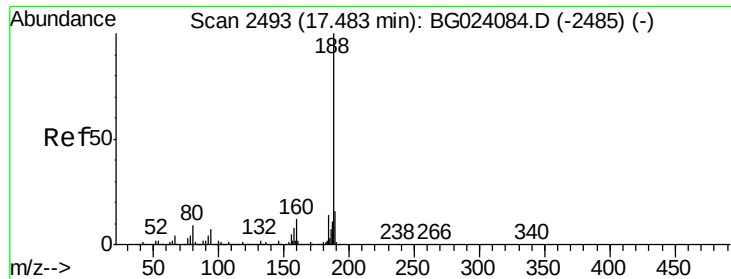
Tgt Ion: 138 Resp: 169542  
Ion Ratio Lower Upper  
138 100  
92 69.7 54.1 94.1  
108 133.4 133.9 173.9#



#62  
Azobenzene  
Concen: 57.15 ng  
RT: 16.05 min Scan# 2248  
Delta R.T. -0.01 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

Tgt Ion: 77 Resp: 1011995  
Ion Ratio Lower Upper  
77 100  
182 21.1 3.5 43.5  
105 17.3 0.0 38.5  
51 31.0 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

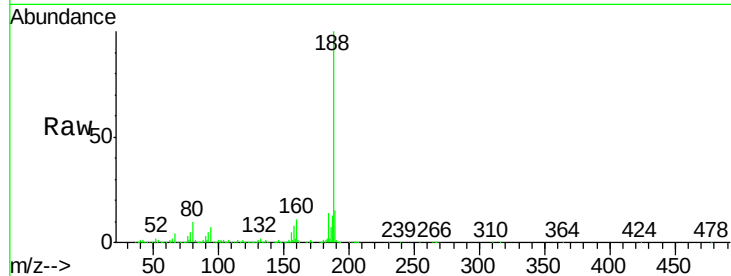
Tgt Ion:188 Resp: 475000

Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

80 9.9 7.2 10.8

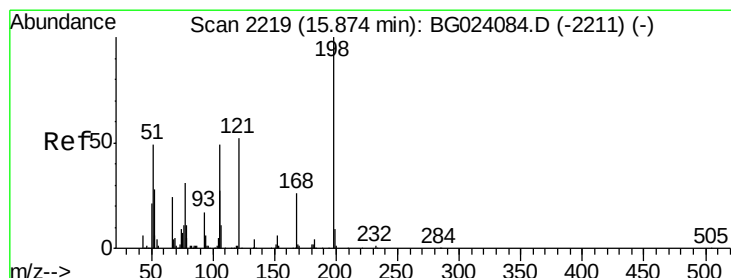
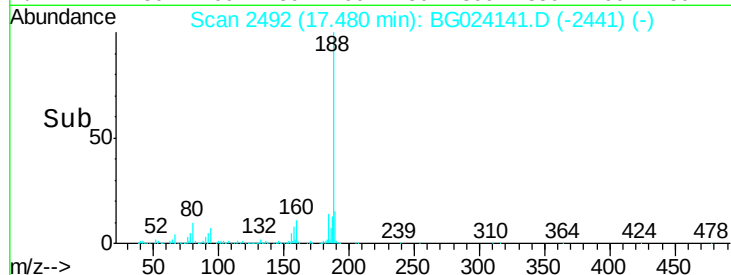
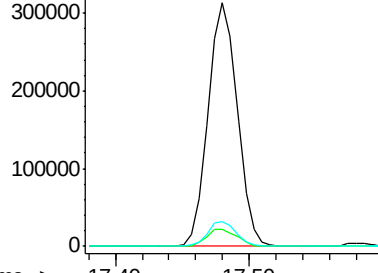


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.48



#64

4,6-Dinitro-2-methylphenol

Concen: 22.12 ng

RT: 15.88 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

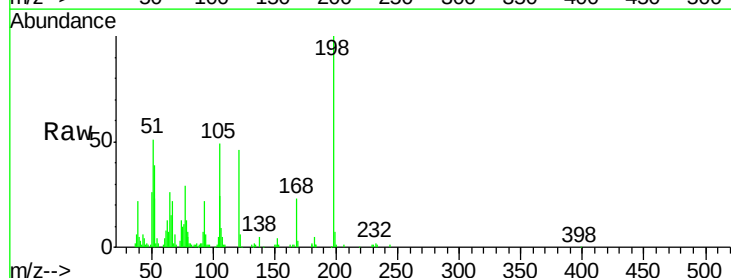
Tgt Ion:198 Resp: 72948

Ion Ratio Lower Upper

198 100

51 50.8 26.0 66.0

105 49.0 20.1 60.1

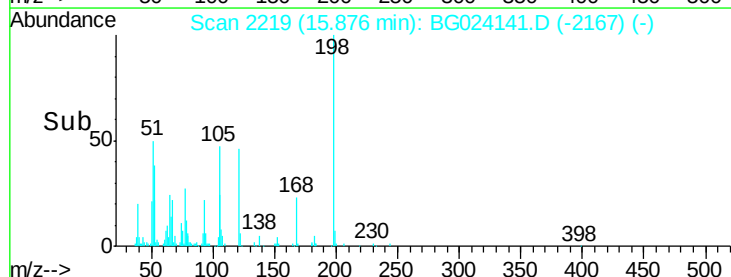
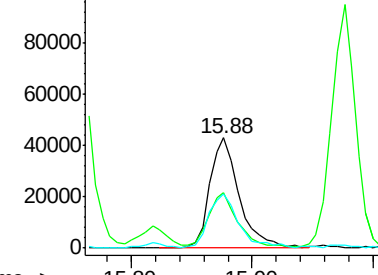


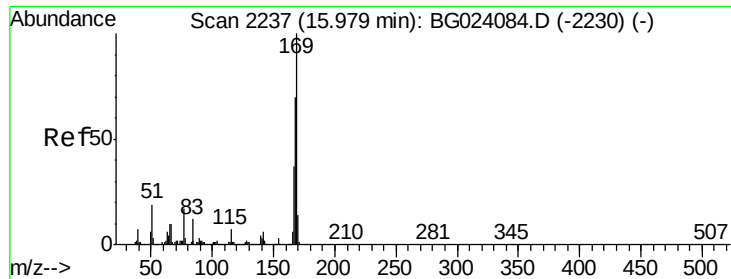
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

15.88

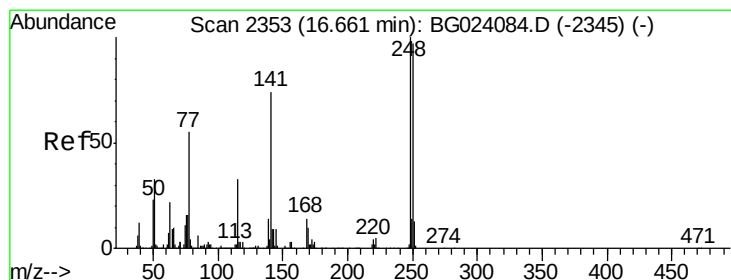
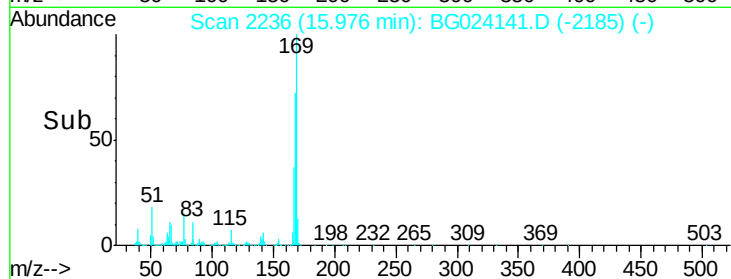
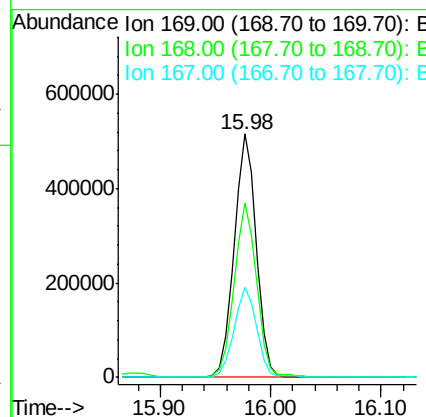
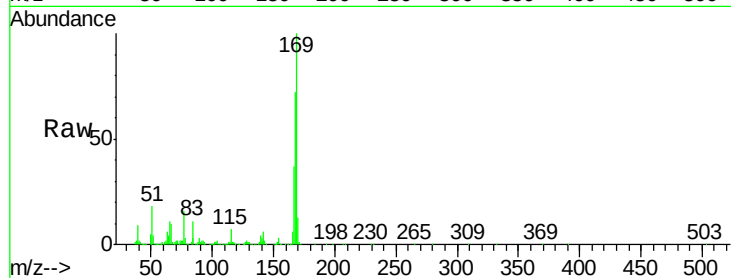




#65  
 n-Nitrosodiphenylamine  
 Concen: 55.67 ng  
 RT: 15.98 min Scan# 2236  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

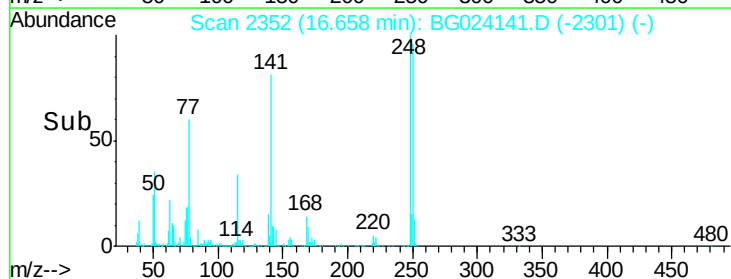
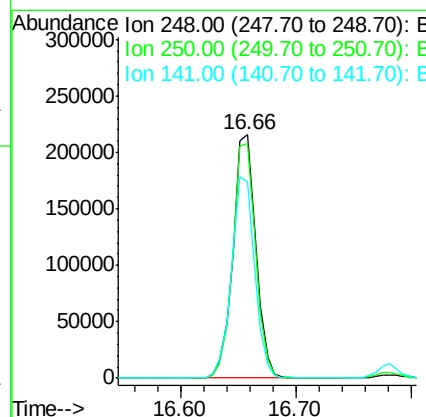
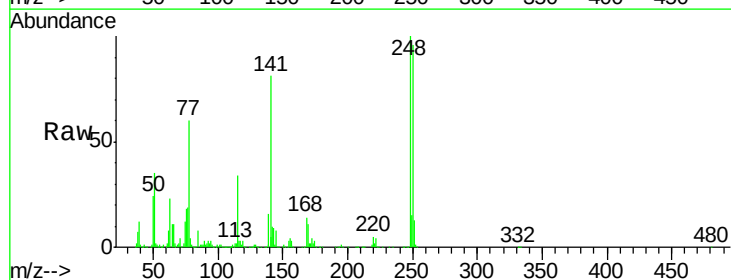
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

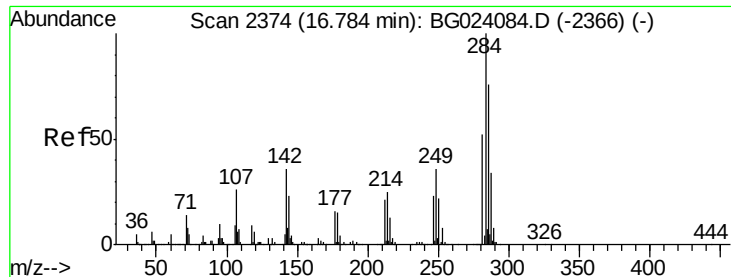
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.8  | 55.0  | 82.4  |
| 167     | 37.0  | 27.4  | 41.0  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 53.67 ng  
 RT: 16.66 min Scan# 2352  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.3  | 77.8  | 116.8 |
| 141     | 80.8  | 65.7  | 98.5  |

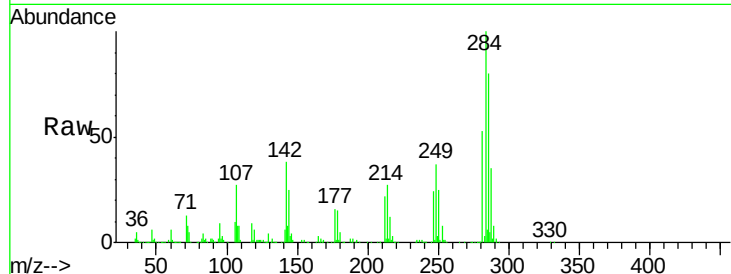




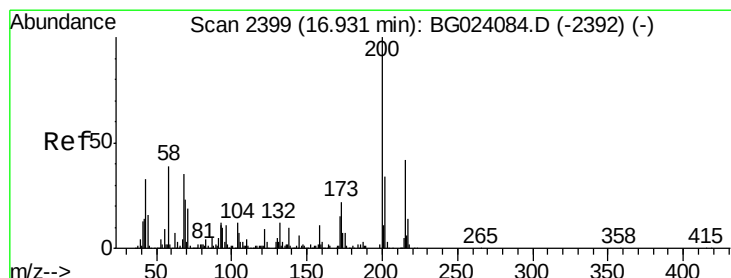
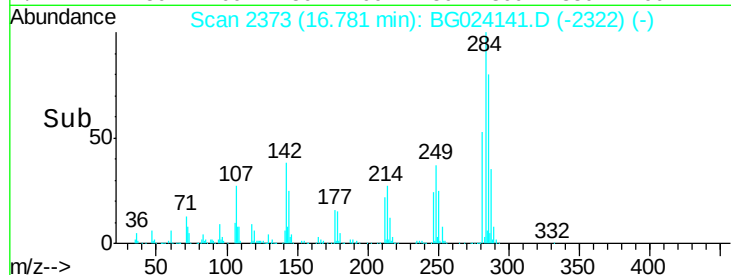
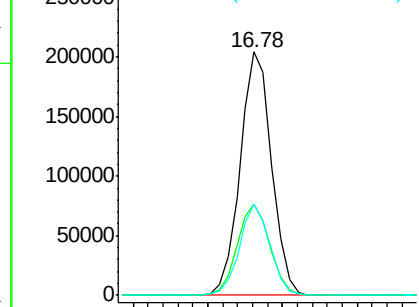
#67  
Hexachlorobenzene  
Concen: 47.88 ng  
RT: 16.78 min Scan# 2373  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

Instrument :  
BNA\_G  
ClientSampleId :  
TRACK-D-GRID-17AMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 37.7  | 26.8  | 40.2  |
| 249     | 37.4  | 28.9  | 43.3  |

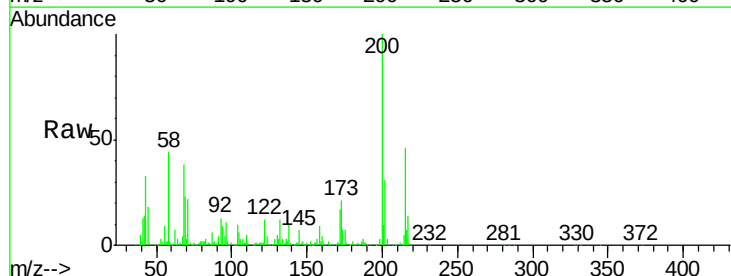


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

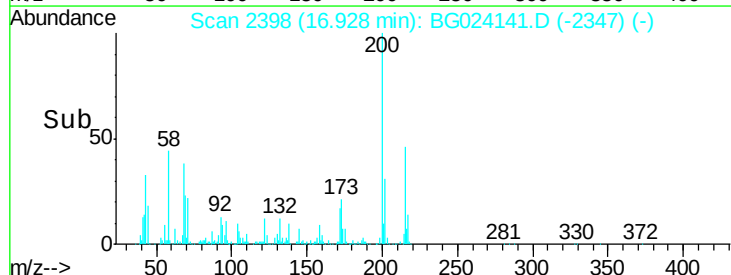
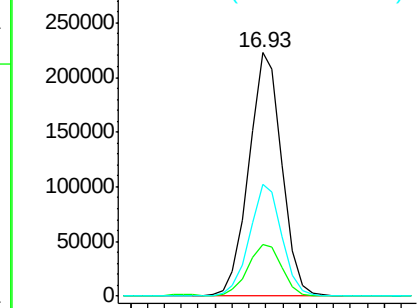


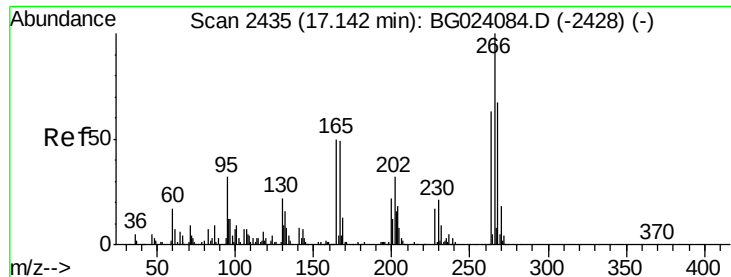
#68  
Atrazine  
Concen: 52.77 ng  
RT: 16.93 min Scan# 2398  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 21.1  | 1.6   | 41.6  |
| 215     | 45.8  | 28.7  | 68.7  |



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

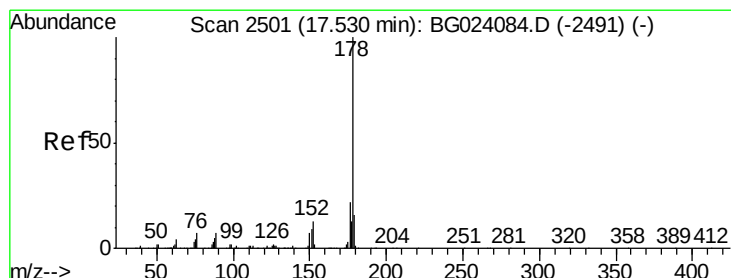
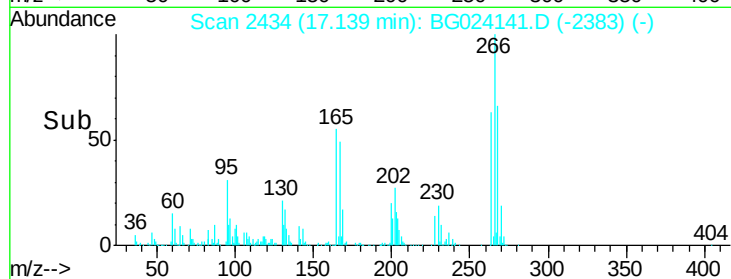
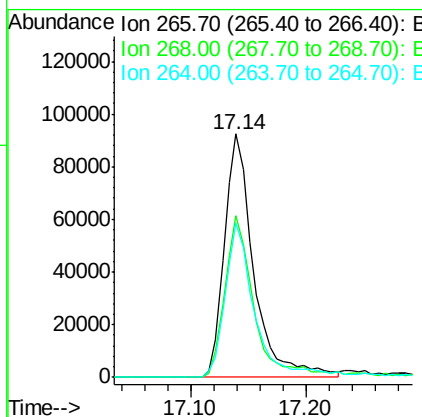
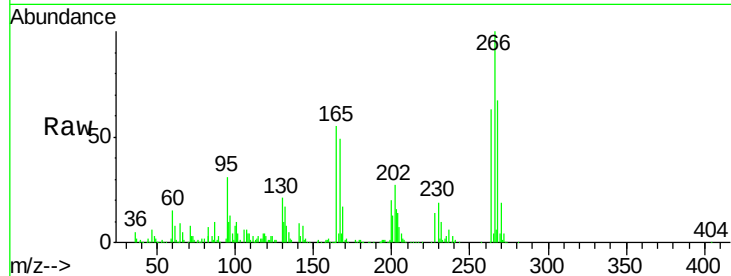




#69  
 Pentachlorophenol  
 Concen: 51.81 ng  
 RT: 17.14 min Scan# 2434  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

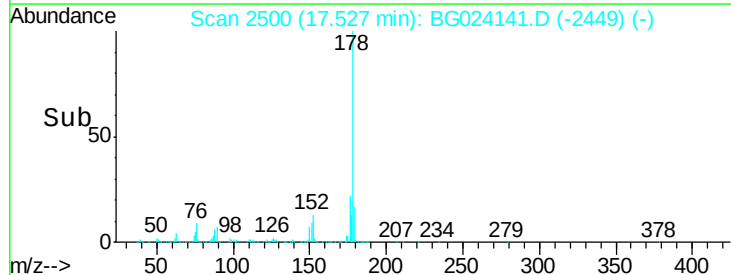
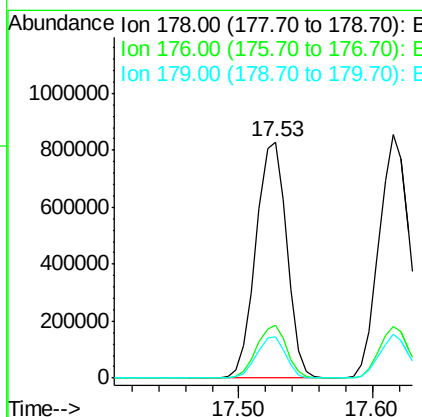
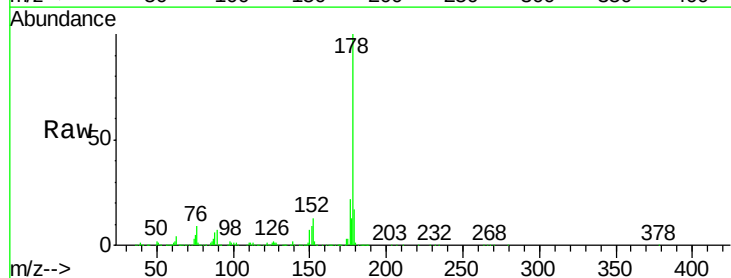
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

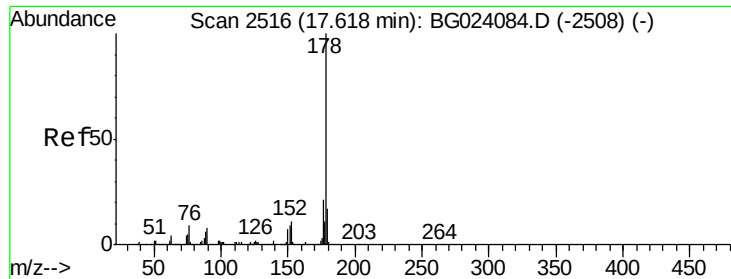
Tgt Ion:266 Resp: 162486  
 Ion Ratio Lower Upper  
 266 100  
 268 66.6 51.9 77.9  
 264 63.4 50.6 75.8



#70  
 Phenanthrene  
 Concen: 54.57 ng  
 RT: 17.53 min Scan# 2500  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

Tgt Ion:178 Resp: 1320219  
 Ion Ratio Lower Upper  
 178 100  
 176 22.3 16.8 25.2  
 179 17.4 14.3 21.5

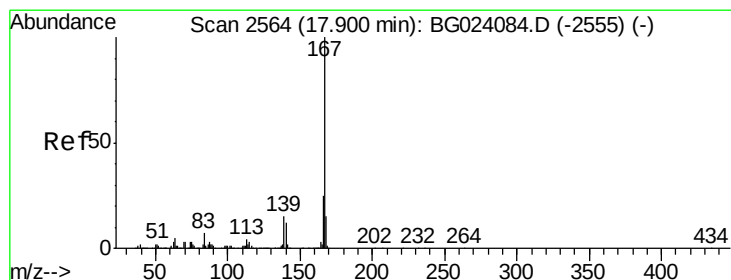
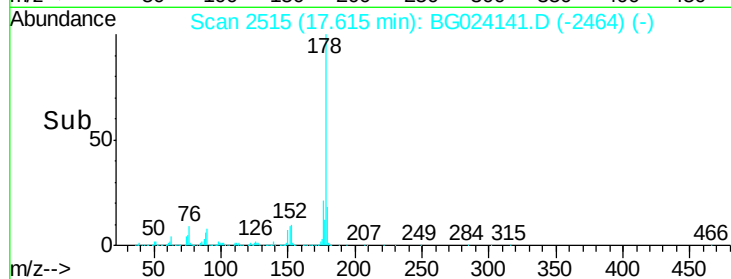
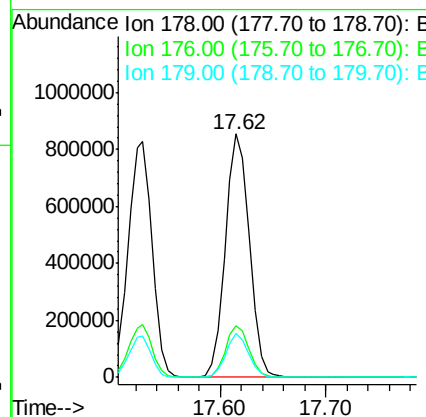
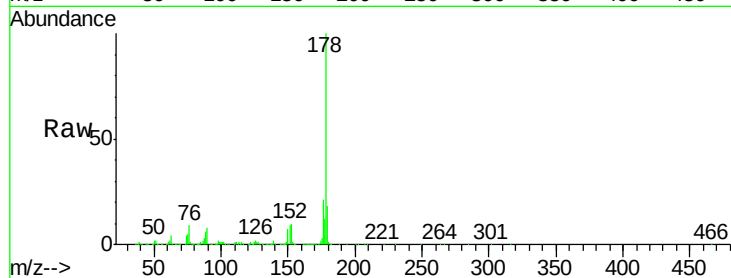




#71  
 Anthracene  
 Concen: 54.11 ng  
 RT: 17.62 min Scan# 2515  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

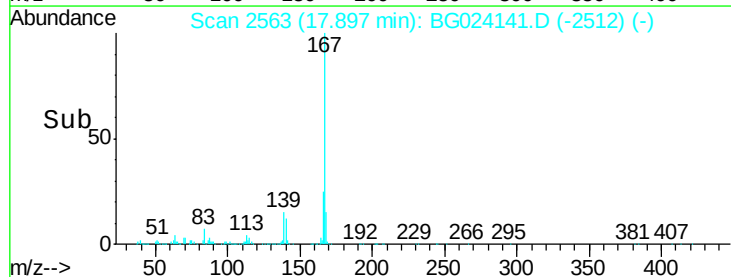
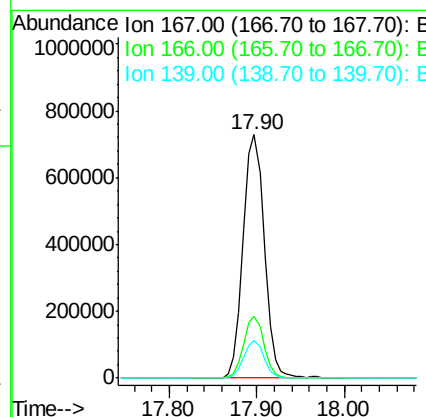
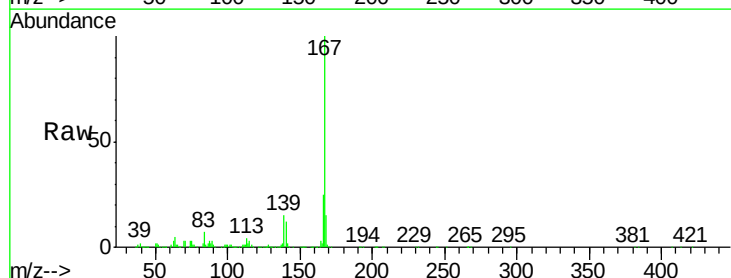
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

Tgt Ion:178 Resp: 1344747  
 Ion Ratio Lower Upper  
 178 100  
 176 21.3 17.3 25.9  
 179 17.9 14.0 21.0

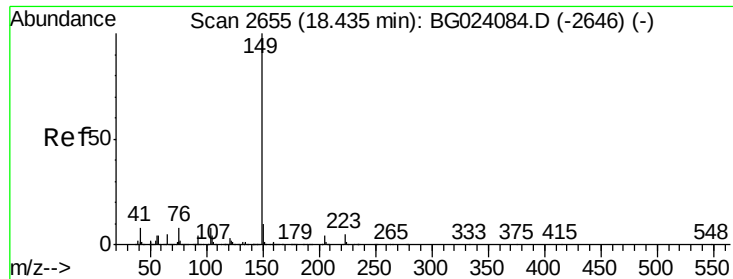


#72  
 Carbazole  
 Concen: 51.33 ng  
 RT: 17.90 min Scan# 2563  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

Tgt Ion:167 Resp: 1187398  
 Ion Ratio Lower Upper  
 167 100  
 166 25.4 20.7 31.1  
 139 15.2 11.9 17.9



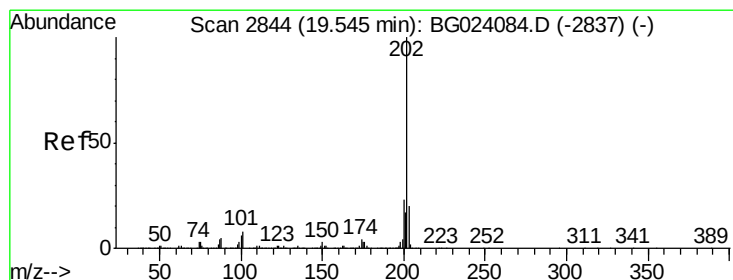
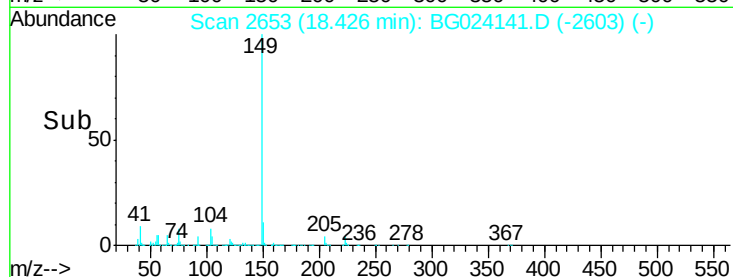
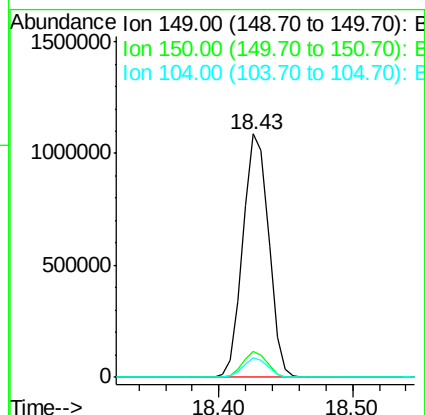
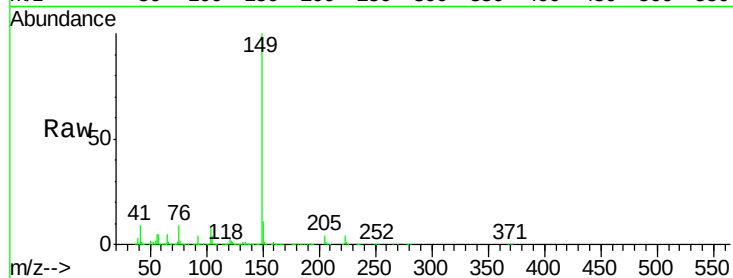




#73  
Di-n-butylphthalate  
Concen: 47.89 ng  
RT: 18.43 min Scan# 2653  
Delta R.T. -0.01 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

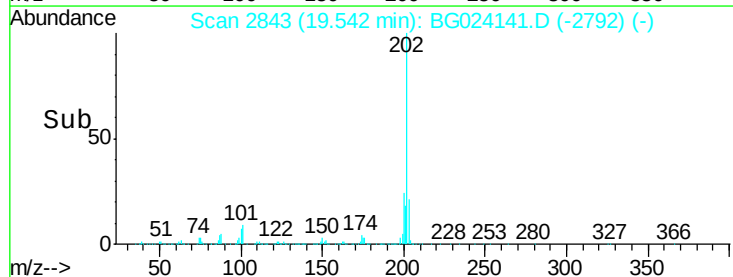
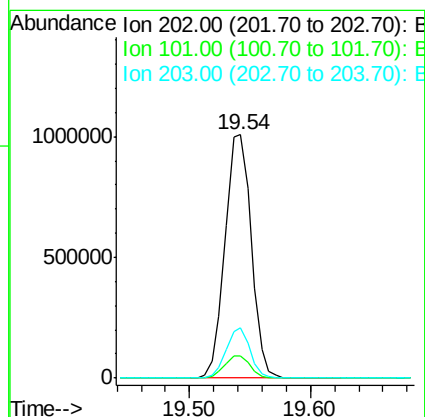
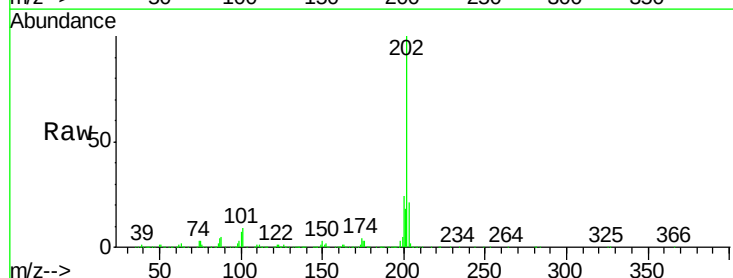
Instrument :  
BNA\_G  
ClientSampleId :  
TRACK-D-GRID-17AMS

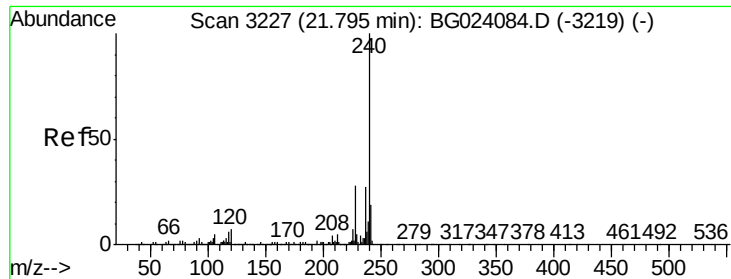
Tgt Ion:149 Resp: 1450317  
Ion Ratio Lower Upper  
149 100  
150 10.8 9.1 13.7  
104 8.0 6.9 10.3



#74  
Fluoranthene  
Concen: 47.99 ng  
RT: 19.54 min Scan# 2843  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

Tgt Ion:202 Resp: 1515908  
Ion Ratio Lower Upper  
202 100  
101 9.3 0.0 27.4  
203 20.7 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

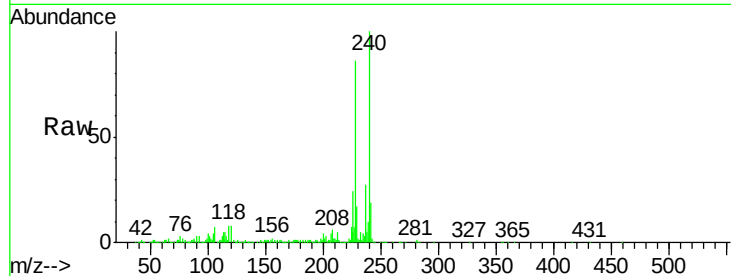
Tgt Ion:240 Resp: 482887

Ion Ratio Lower Upper

240 100

120 8.4 4.1 6.1#

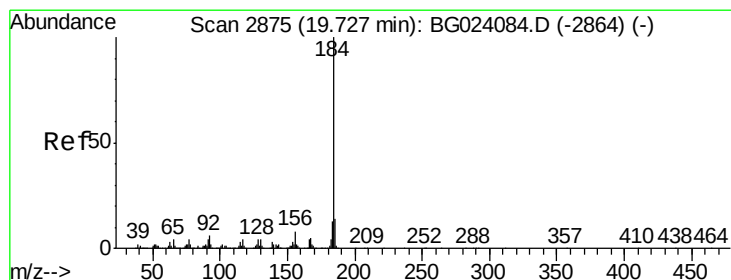
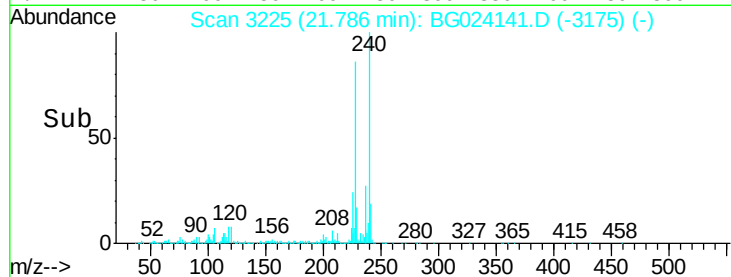
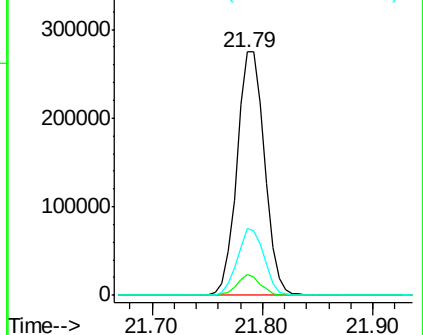
236 27.4 21.1 31.7



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: 20.82 ng

RT: 19.73 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

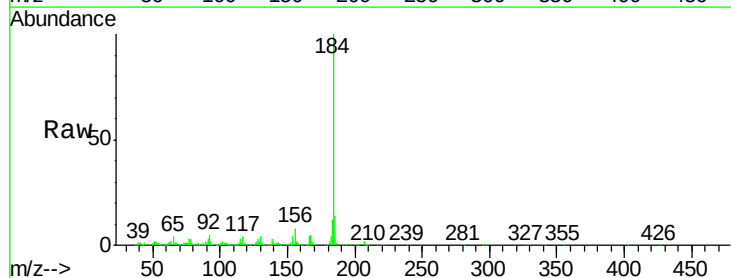
Tgt Ion:184 Resp: 284647

Ion Ratio Lower Upper

184 100

185 14.5 12.6 19.0

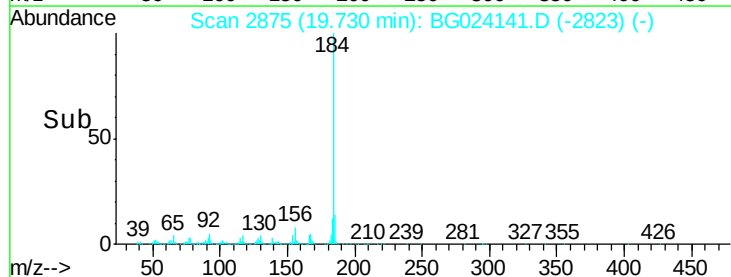
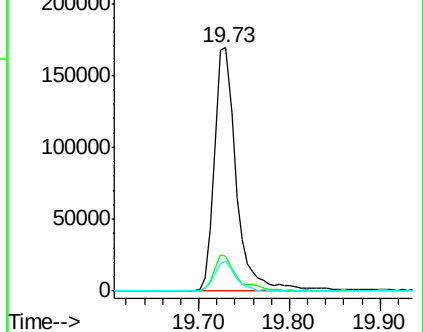
183 12.3 10.7 16.1

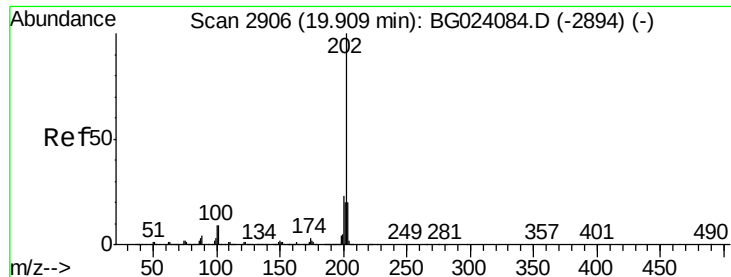


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.66 ng

RT: 19.91 min Scan# 2905

Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

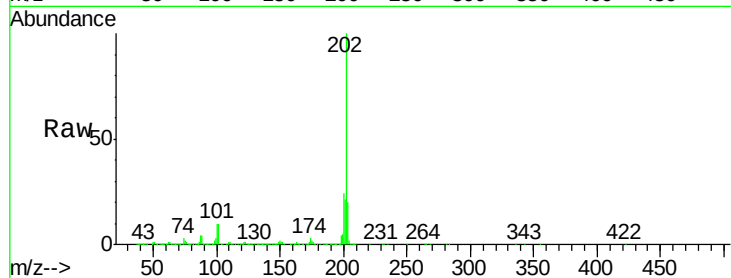
BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

Tgt Ion:202 Resp: 1505752

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.6  | 21.2  | 31.8  |
| 203 | 20.2  | 16.8  | 25.2  |

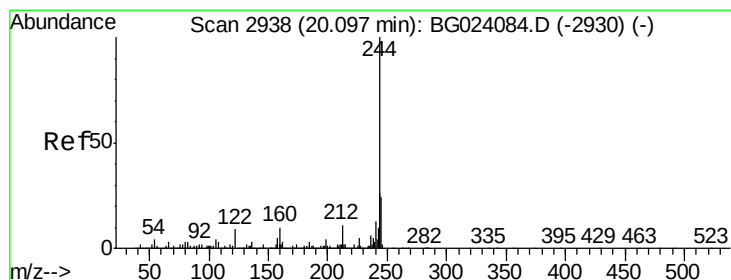
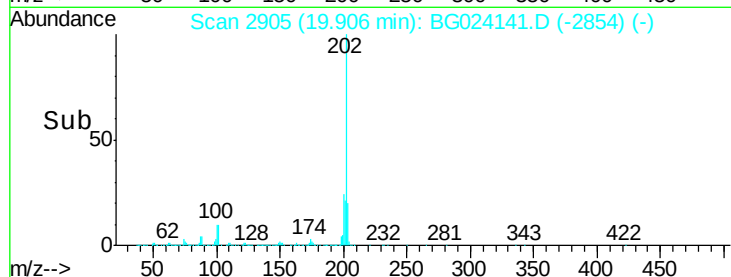
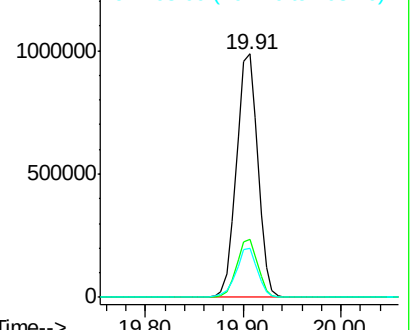


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.51 ng

RT: 20.09 min Scan# 2937

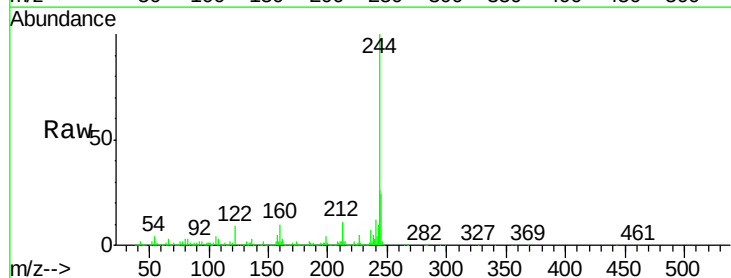
Delta R.T. -0.00 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Tgt Ion:244 Resp: 1969472

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 10.9  | 10.8  | 16.2  |
| 122 | 8.8   | 8.0   | 12.0  |

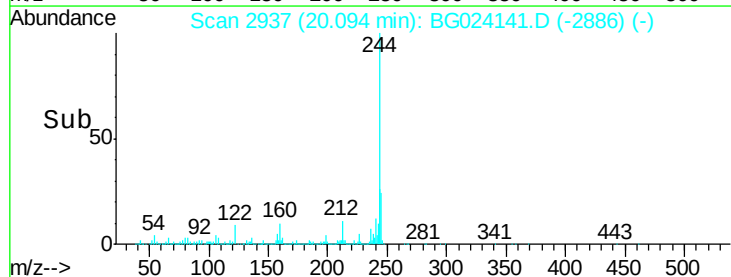
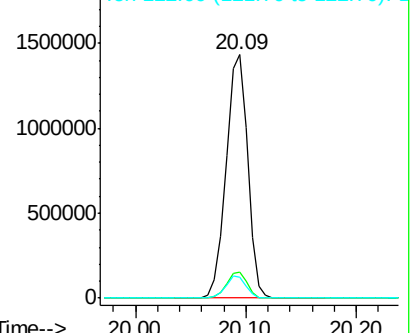


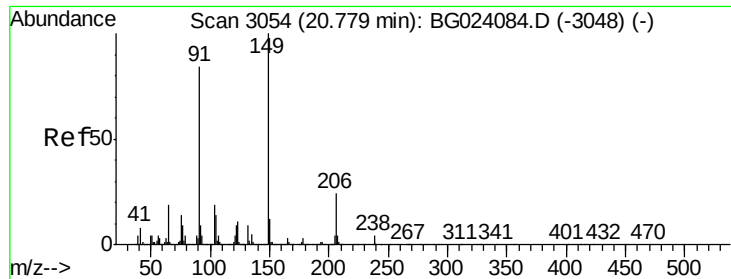
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

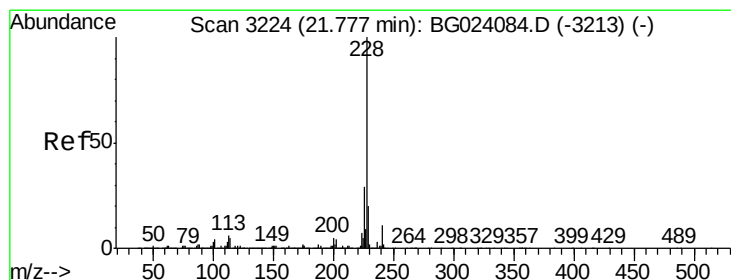
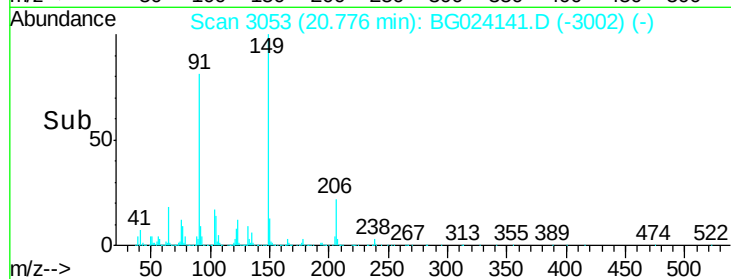
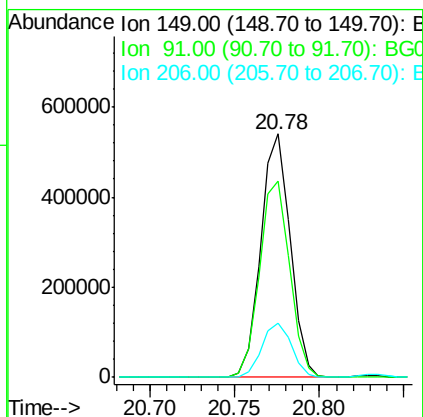
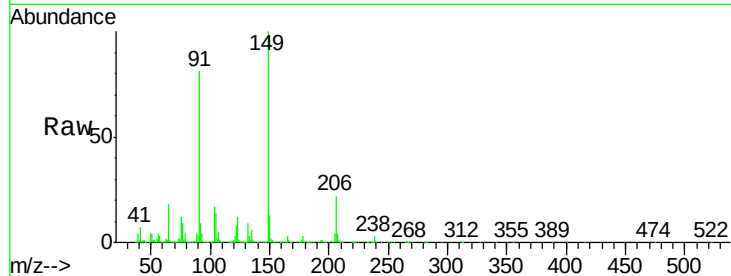




#79  
Butylbenzylphthalate  
Concen: 52.45 ng  
RT: 20.78 min Scan# 3053  
Delta R.T. -0.00 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

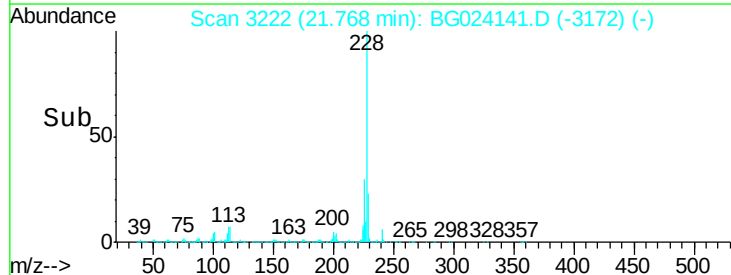
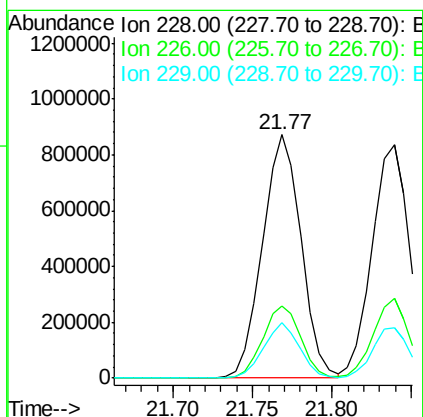
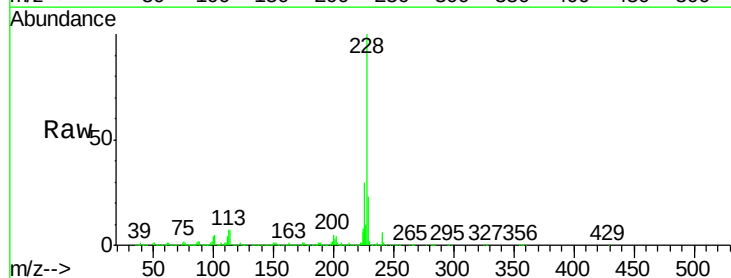
Instrument :  
BNA\_G  
ClientSampleId :  
TRACK-D-GRID-17AMS

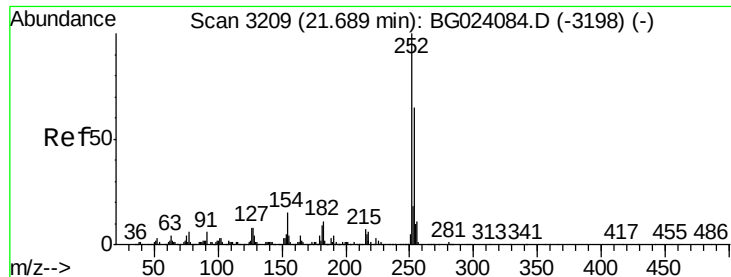
Tgt Ion:149 Resp: 651252  
Ion Ratio Lower Upper  
149 100  
91 80.7 68.1 102.1  
206 22.2 19.8 29.6



#80  
Benzo(a)anthracene  
Concen: 53.61 ng  
RT: 21.77 min Scan# 3222  
Delta R.T. -0.01 min  
Lab File: BG024141.D  
Acq: 26 Sep 2016 14:09

Tgt Ion:228 Resp: 1473639  
Ion Ratio Lower Upper  
228 100  
226 29.8 25.3 37.9  
229 22.7 19.9 29.9

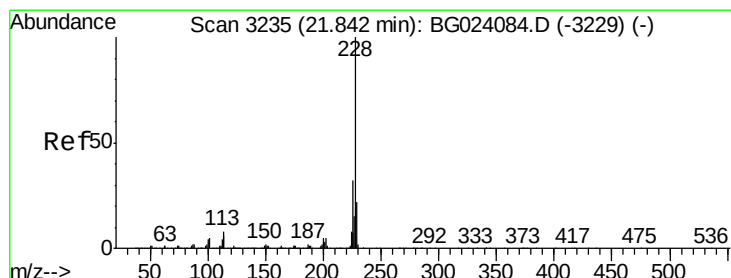
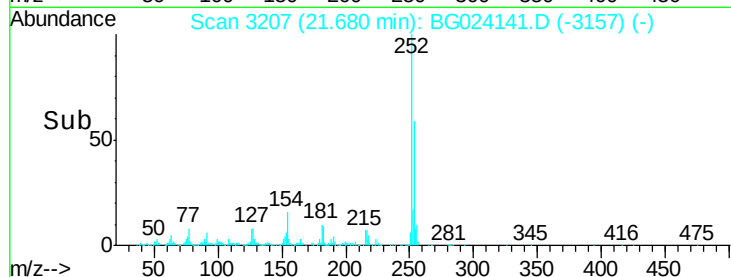
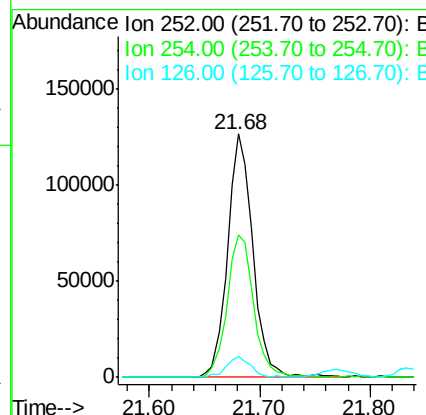
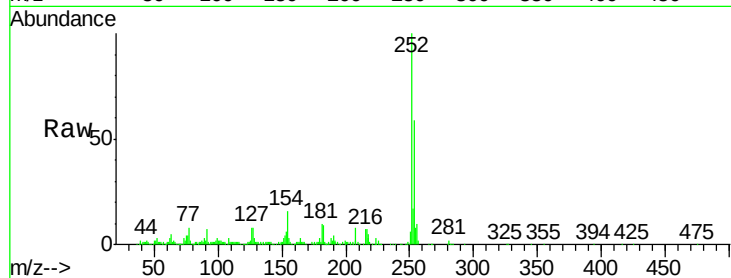




#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.60 ng  
 RT: 21.68 min Scan# 3207  
 Delta R.T. -0.01 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

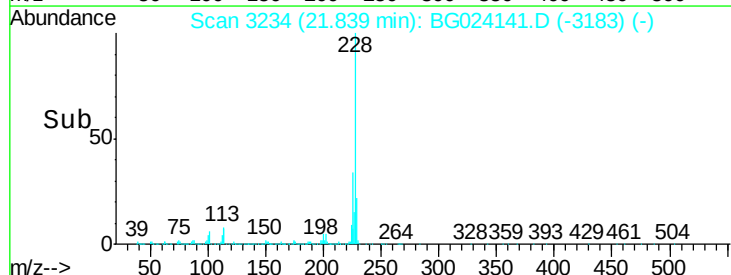
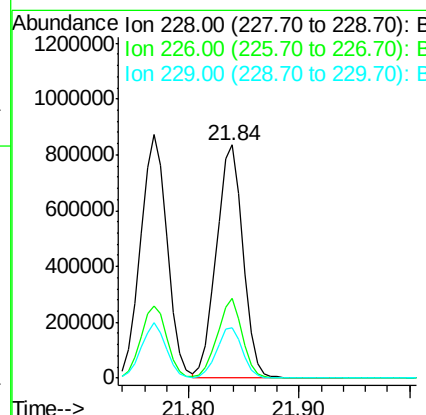
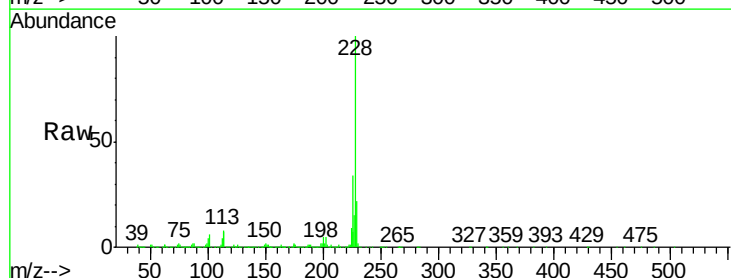
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

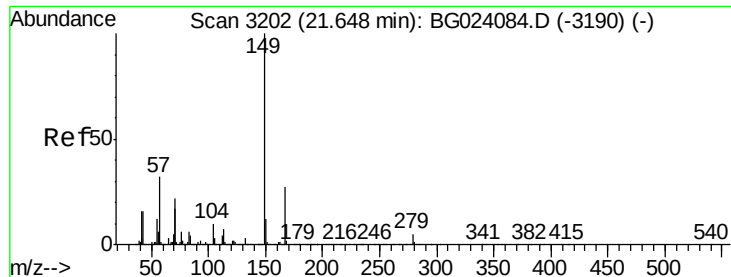
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 58.7  | 51.2  | 76.8  |
| 126     | 8.3   | 5.3   | 7.9   |



#82  
 Chrysene  
 Concen: 53.66 ng  
 RT: 21.84 min Scan# 3234  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 34.1  | 26.7  | 40.1  |
| 229     | 21.7  | 17.4  | 26.2  |

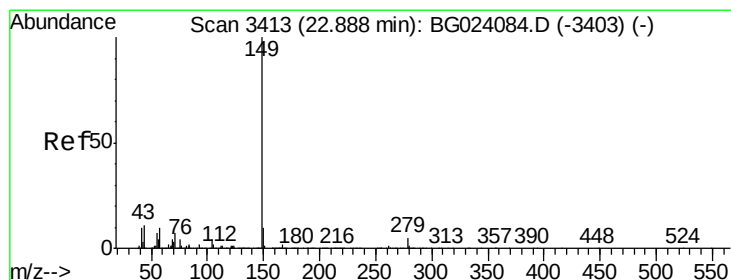
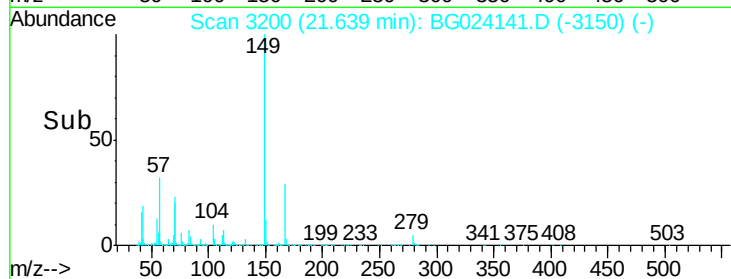
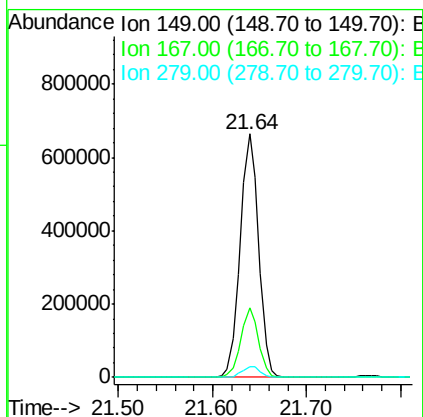
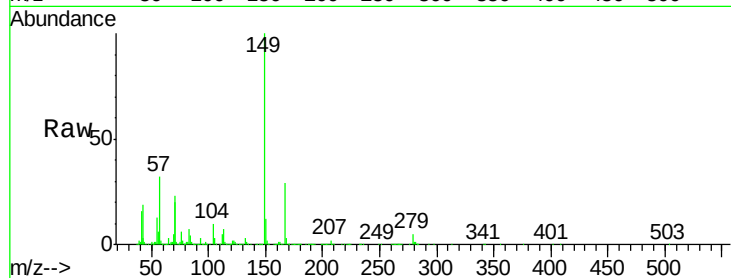




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 61.01 ng  
 RT: 21.64 min Scan# 3200  
 Delta R.T. -0.01 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

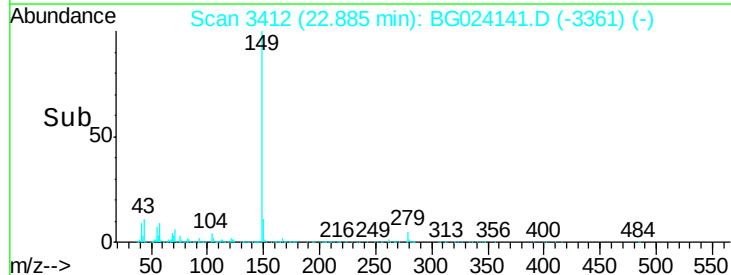
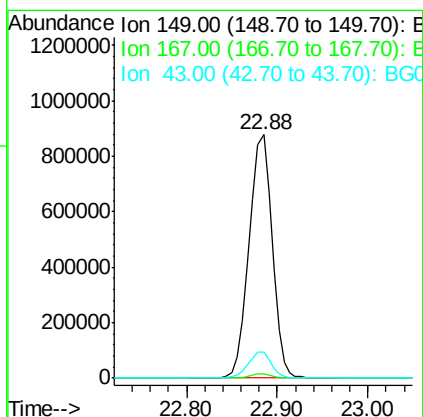
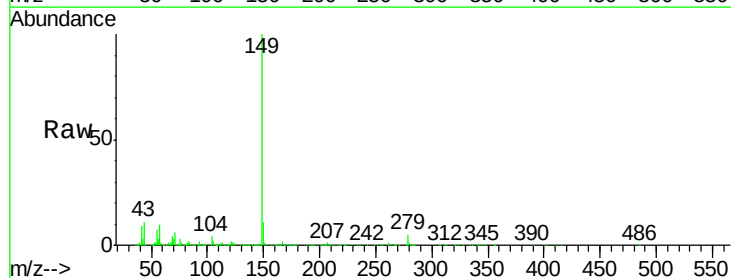
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

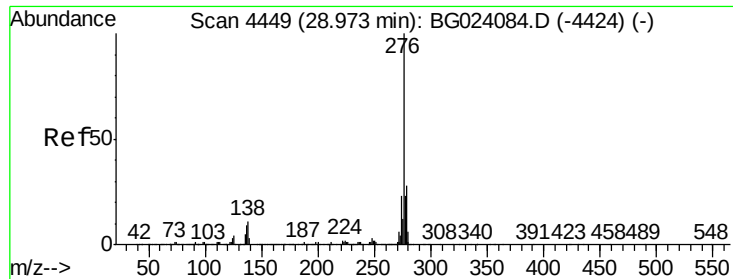
Tgt Ion:149 Resp: 905016  
 Ion Ratio Lower Upper  
 149 100  
 167 28.6 24.0 36.0  
 279 4.6 4.8 7.2#



#84  
 Di-n-octyl phthalate  
 Concen: 60.94 ng  
 RT: 22.88 min Scan# 3412  
 Delta R.T. -0.00 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

Tgt Ion:149 Resp: 1559812  
 Ion Ratio Lower Upper  
 149 100  
 167 1.7 1.5 2.3  
 43 10.7 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 60.99 ng

RT: 28.95 min Scan# 4445

Delta R.T. -0.02 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

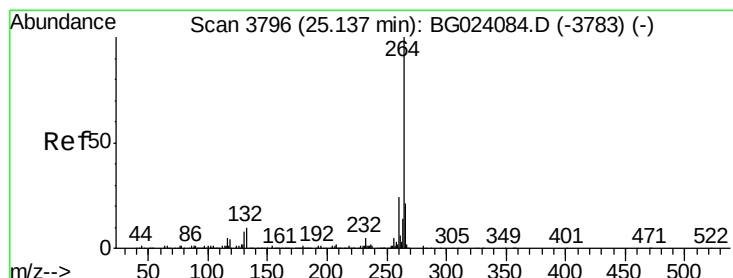
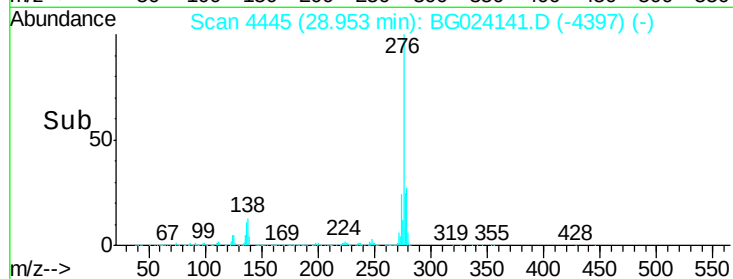
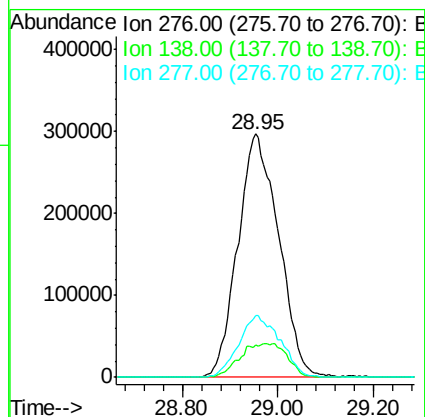
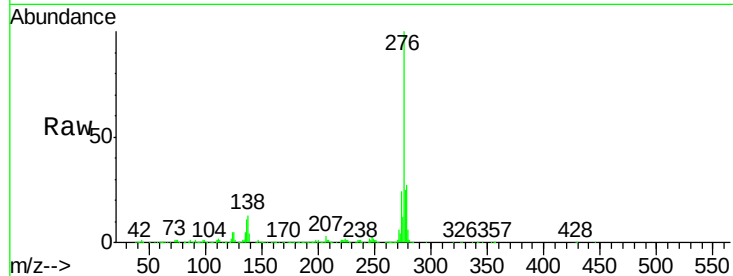
BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

Tgt Ion:276 Resp: 1757416

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 0.0   | 0.0   | 0.0   |
| 277 | 25.9  | 0.0   | 0.0#  |



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.12 min Scan# 3793

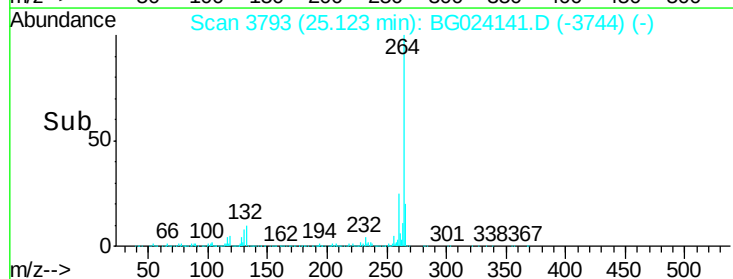
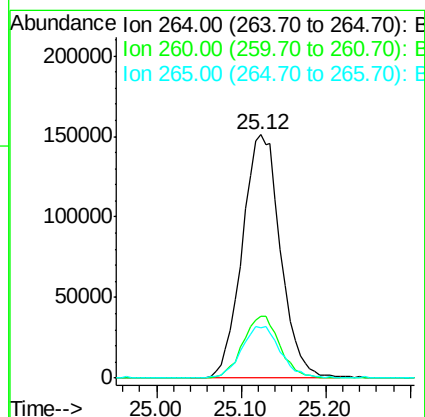
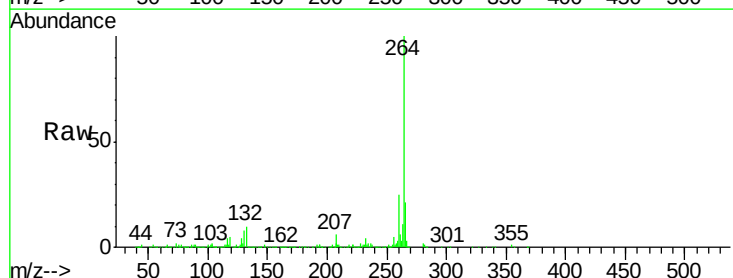
Delta R.T. -0.01 min

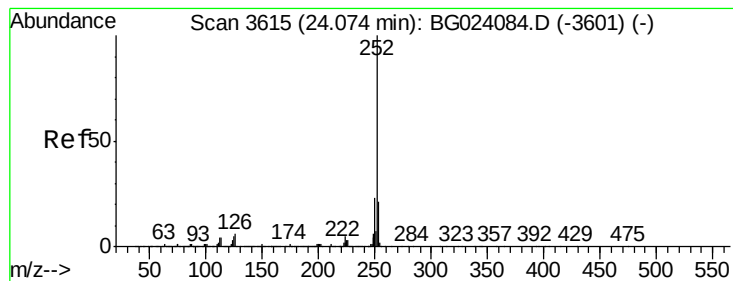
Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Tgt Ion:264 Resp: 474048

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.3  | 18.4  | 27.6  |
| 265 | 20.6  | 18.9  | 28.3  |





#87

Benzo(b)fluoranthene

Concen: 55.23 ng

RT: 24.06 min Scan# 3612

Delta R.T. -0.01 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

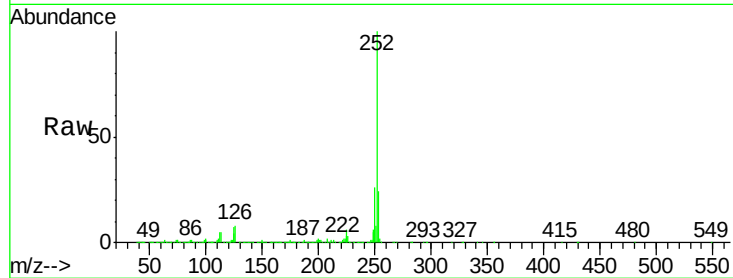
Tgt Ion:252 Resp: 1523195

Ion Ratio Lower Upper

252 100

253 23.8 18.9 28.3

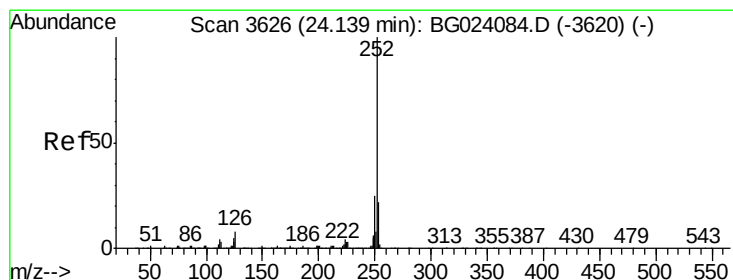
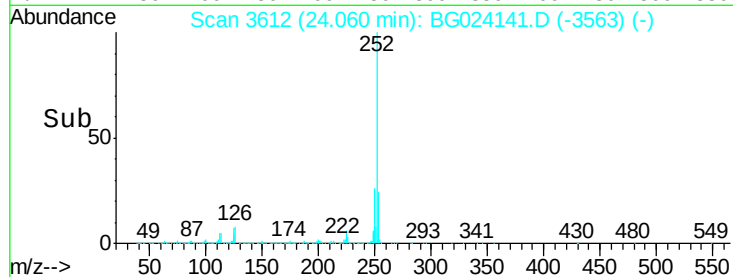
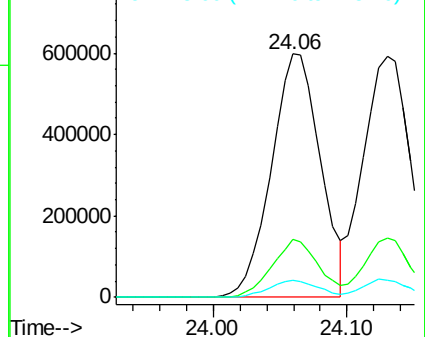
125 7.0 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 52.85 ng

RT: 24.13 min Scan# 3624

Delta R.T. -0.01 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

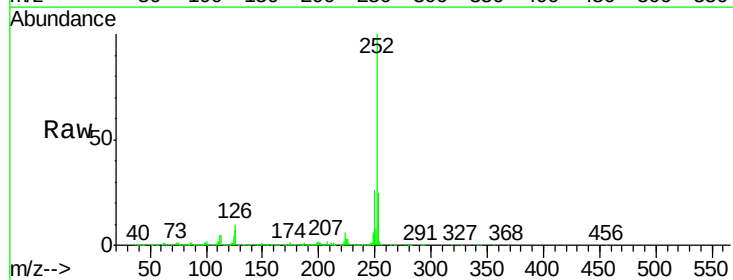
Tgt Ion:252 Resp: 1447651

Ion Ratio Lower Upper

252 100

253 24.7 18.8 28.2

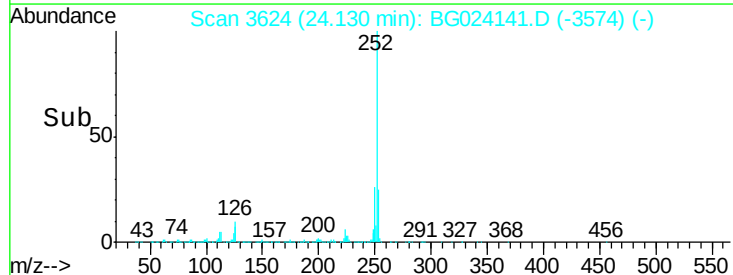
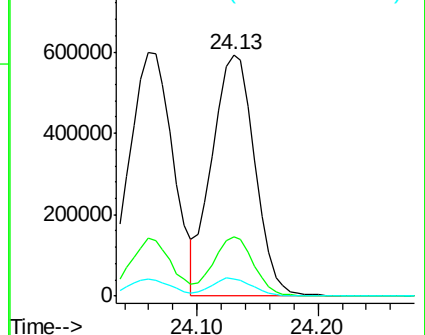
125 7.1 3.2 4.8#



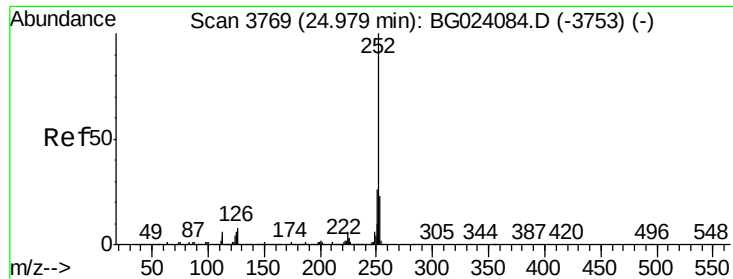
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(a)pyrene

Concen: 54.79 ng

RT: 24.97 min Scan# 3767

Delta R.T. -0.01 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

Instrument :

BNA\_G

ClientSampleId :

TRACK-D-GRID-17AMS

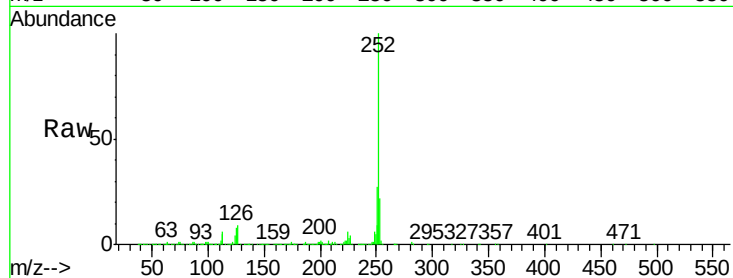
Tgt Ion:252 Resp: 1460837

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

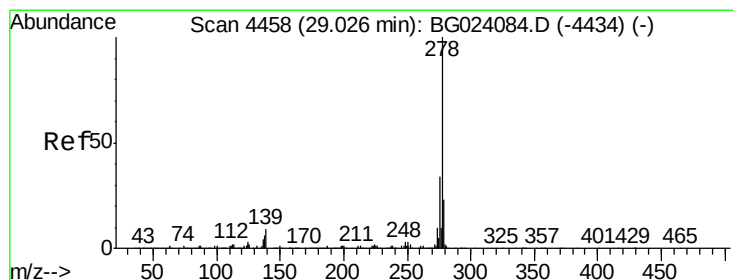
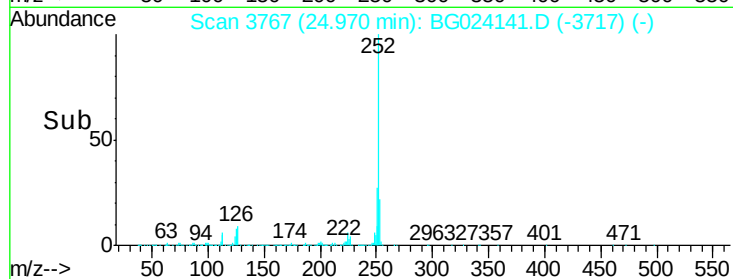
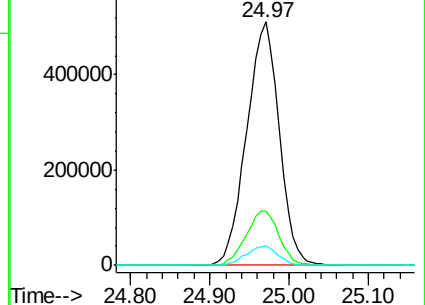
125 7.9 3.9 5.9#



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: 54.00 ng

RT: 29.01 min Scan# 4455

Delta R.T. -0.01 min

Lab File: BG024141.D

Acq: 26 Sep 2016 14:09

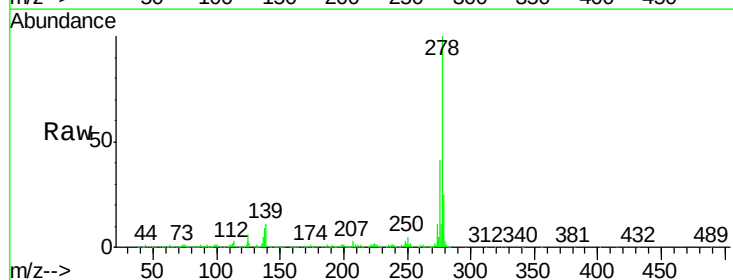
Tgt Ion:278 Resp: 1437709

Ion Ratio Lower Upper

278 100

139 10.6 4.7 7.1#

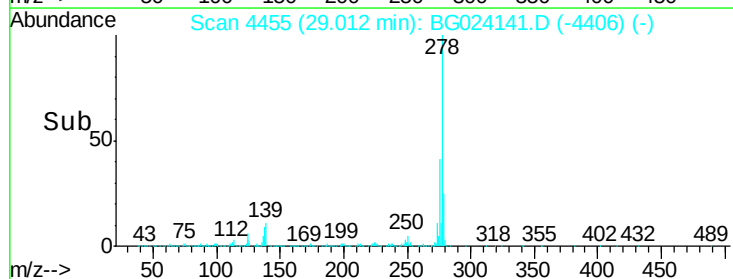
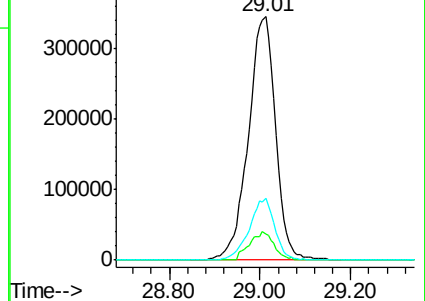
279 25.3 18.3 27.5

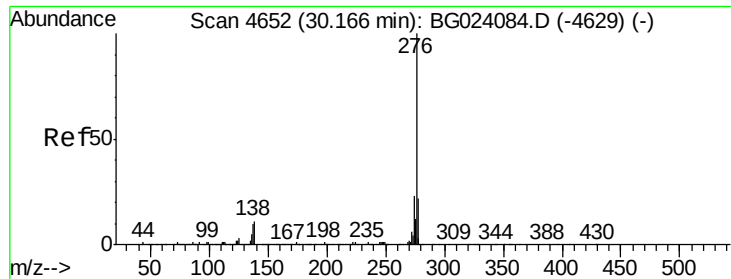


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(g,h,i)perylene  
 Concen: 53.87 ng  
 RT: 30.16 min Scan# 4650  
 Delta R.T. -0.01 min  
 Lab File: BG024141.D  
 Acq: 26 Sep 2016 14:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TRACK-D-GRID-17AMS

Tgt Ion: 276 Resp: 1444905  
 Ion Ratio Lower Upper  
 276 100  
 277 24.4 18.6 27.8  
 138 14.2 6.8 10.2#

