

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\  
 Data File : BG040731.D  
 Acq On : 3 May 2019 19:08  
 Operator : JU/SJ  
 Sample : K2635-02MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-050219-AMSD

Quant Time: May 03 23:17:51 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 37061    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.97 | 136  | 152084   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.77 | 164  | 117239   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.52 | 188  | 328790   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.81 | 240  | 332800   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.16 | 264  | 358690   | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.68  | 112 | 349349  | 166.16 | ng | 0.00  |
| 7) Phenol-d6             | 7.29  | 99  | 480142  | 148.32 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.32  | 82  | 389746  | 118.41 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.26 | 330 | 325275  | 201.85 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.40 | 172 | 825510  | 101.69 | ng | -0.02 |
| 79) Terphenyl-d14        | 20.12 | 244 | 1756077 | 116.90 | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.55  | 88  | 45247  | 47.322 | ng | # 21   |
| 3) Pyridine                    | 3.96  | 79  | 122392 | 44.162 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.88  | 42  | 75177  | 48.904 | ng | 96     |
| 6) Aniline                     | 7.47  | 93  | 137634 | 32.077 | ng | 98     |
| 8) 2-Chlorophenol              | 7.71  | 128 | 137690 | 53.635 | ng | 97     |
| 9) Benzaldehyde                | 7.28  | 77  | 91428  | 50.527 | ng | 93     |
| 10) Phenol                     | 7.31  | 94  | 167957 | 48.267 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.57  | 93  | 129456 | 49.611 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 8.03  | 146 | 108862 | 38.851 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.18  | 146 | 115155 | 40.540 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.50  | 146 | 111560 | 40.725 | ng | 92     |
| 15) Benzyl Alcohol             | 8.38  | 79  | 172726 | 51.280 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.67  | 45  | 227994 | 43.885 | ng | 96     |
| 17) 2-Methylphenol             | 8.58  | 107 | 129833 | 52.722 | ng | 95     |
| 18) Hexachloroethane           | 9.23  | 117 | 39957  | 34.292 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.95  | 70  | 135037 | 46.341 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.91  | 107 | 182079 | 53.075 | ng | 97     |
| 22) Acetophenone               | 8.98  | 105 | 241803 | 57.176 | ng | # 95   |
| 24) Nitrobenzene               | 9.37  | 77  | 207250 | 59.016 | ng | 97     |
| 25) Isophorone                 | 9.89  | 82  | 383490 | 52.306 | ng | 97     |
| 26) 2-Nitrophenol              | 10.07 | 139 | 81005  | 64.350 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.12 | 122 | 154519 | 65.422 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.36 | 93  | 192621 | 52.365 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.61 | 162 | 170537 | 63.511 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.83 | 180 | 142881 | 47.984 | ng | 97     |
| 31) Naphthalene                | 11.02 | 128 | 398646 | 49.339 | ng | 98     |
| 32) Benzoic acid               | 10.23 | 122 | 88656  | 54.831 | ng | 98     |
| 33) 4-Chloroaniline            | 11.13 | 127 | 40279  | 11.244 | ng | 93     |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 96840  | 44.052 | ng | 98     |
| 35) Caprolactam                | 11.91 | 113 | 49027  | 46.247 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.22 | 107 | 204922 | 60.496 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.61 | 142 | 325034 | 53.804 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.83 | 142 | 310981 | 52.666 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216 | 227785 | 52.155 | ng | 98     |

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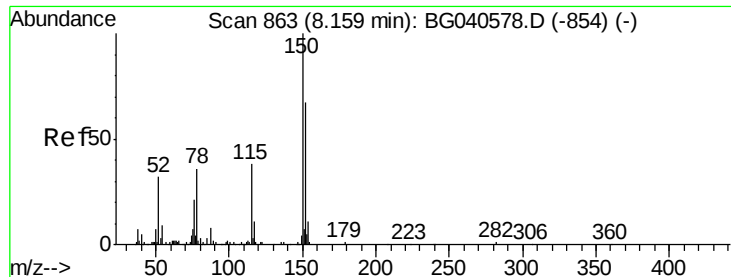
Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-050219-AMSD

Quant Time: May 03 23:17:51 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.94 | 237  | 202078   | 78.411  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.21 | 196  | 162139   | 61.433  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.28 | 196  | 181714   | 63.202  | ng    | 95       |
| 46) 1,1'-Biphenyl              | 13.61 | 154  | 461113   | 50.658  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.66 | 162  | 374774   | 52.610  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.86 | 65   | 165116   | 65.116  | ng    | 97       |
| 49) Acenaphthylene             | 14.50 | 152  | 624261   | 51.652  | ng    | 99       |
| 50) Dimethylphthalate          | 14.22 | 163  | 555637   | 56.645  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.35 | 165  | 125309   | 65.454  | ng    | 92       |
| 52) Acenaphthene               | 14.84 | 154  | 367328   | 52.189  | ng    | 96       |
| 53) 3-Nitroaniline             | 14.68 | 138  | 77593    | 39.557  | ng    | # 98     |
| 54) 2,4-Dinitrophenol          | 14.88 | 184  | 82249    | 76.511  | ng    | # 83     |
| 55) Dibenzofuran               | 15.17 | 168  | 641401   | 55.636  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.97 | 139  | 186657   | 109.740 | ng    | 91       |
| 57) 2,4-Dinitrotoluene         | 15.13 | 165  | 184469   | 70.911  | ng    | 95       |
| 58) Fluorene                   | 15.82 | 166  | 532322   | 57.128  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.39 | 232  | 200041   | 69.127  | ng    | 96       |
| 60) Diethylphthalate           | 15.58 | 149  | 591786   | 57.180  | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.81 | 204  | 314919   | 58.110  | ng    | 96       |
| 62) 4-Nitroaniline             | 15.85 | 138  | 131347   | 59.860  | ng    | 95       |
| 63) Azobenzene                 | 16.10 | 77   | 574832   | 53.932  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.89 | 198  | 79612    | 48.973  | ng    | 89       |
| 66) n-Nitrosodiphenylamine     | 16.03 | 169  | 493588   | 51.026  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.70 | 248  | 214947   | 52.474  | ng    | 96       |
| 68) Hexachlorobenzene          | 16.81 | 284  | 224243   | 52.943  | ng    | 95       |
| 69) Atrazine                   | 16.96 | 200  | 225774   | 58.910  | ng    | 96       |
| 70) Pentachlorophenol          | 17.16 | 266  | 251853   | 101.615 | ng    | 99       |
| 71) Phenanthrene               | 17.57 | 178  | 960392   | 54.230  | ng    | 98       |
| 72) Anthracene                 | 17.65 | 178  | 983683   | 55.260  | ng    | 100      |
| 73) Carbazole                  | 17.92 | 167  | 868642   | 53.560  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.46 | 149  | 1050160  | 53.648  | ng    | 99       |
| 75) Fluoranthene               | 19.56 | 202  | 1254705  | 56.854  | ng    | 100      |
| 77) Benzidine                  | 19.74 | 184  | 173650   | 19.057  | ng    | 97       |
| 78) Pyrene                     | 19.93 | 202  | 1255892  | 60.210  | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.80 | 149  | 485140   | 59.675  | ng    | 92       |
| 81) Benzo(a)anthracene         | 21.78 | 228  | 1207580  | 57.413  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.70 | 252  | 258133   | 34.432  | ng    | 99       |
| 83) Chrysene                   | 21.85 | 228  | 1183784  | 59.180  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.66 | 149  | 657209   | 56.003  | ng    | 96       |
| 85) Di-n-octyl phthalate       | 22.92 | 149  | 1126199  | 56.983  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.02 | 276  | 1285804  | 53.166  | ng    | # 89     |
| 88) Benzo(b)fluoranthene       | 24.09 | 252  | 1227049  | 55.981  | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 24.16 | 252  | 1198129  | 58.530  | ng    | 98       |
| 90) Benzo(a)pyrene             | 25.00 | 252  | 1184591  | 57.094  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 29.09 | 278  | 1062089  | 50.584  | ng    | # 98     |
| 92) Benzo(g,h,i)perylene       | 30.24 | 276  | 1045747  | 50.044  | ng    | 97       |

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



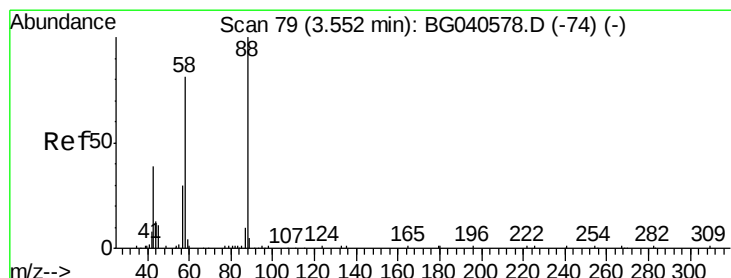
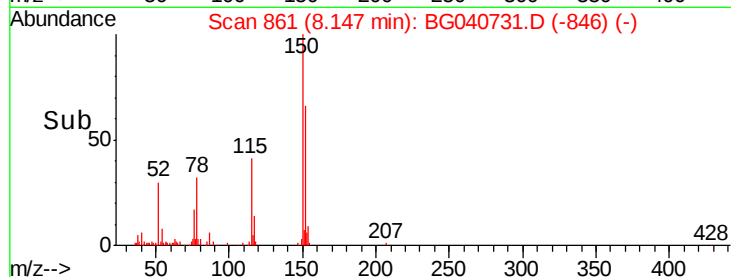
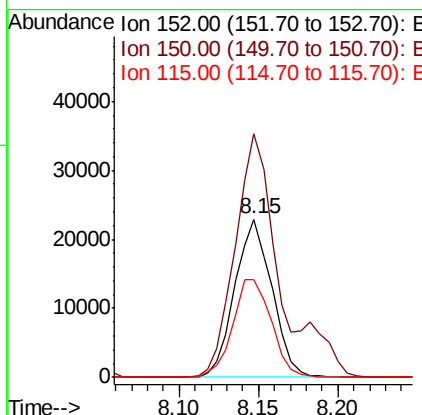
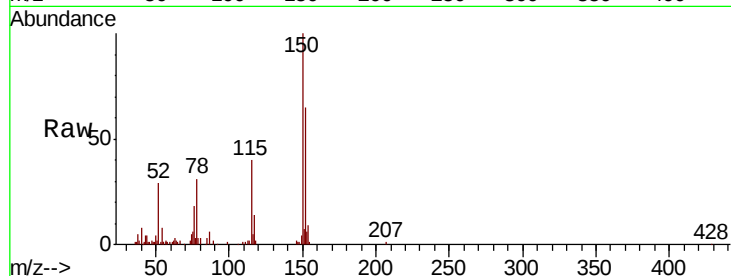


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 861  
Delta R.T. -0.01 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

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BNA\_G  
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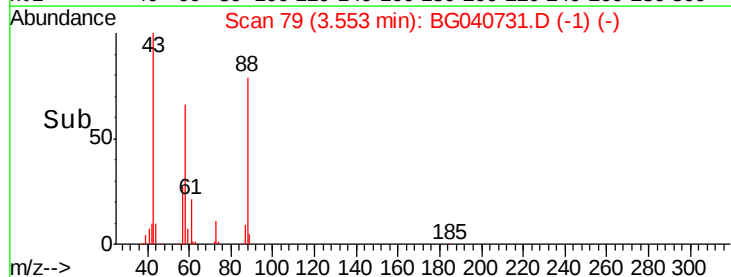
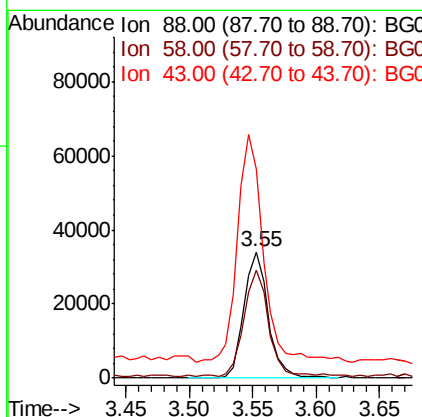
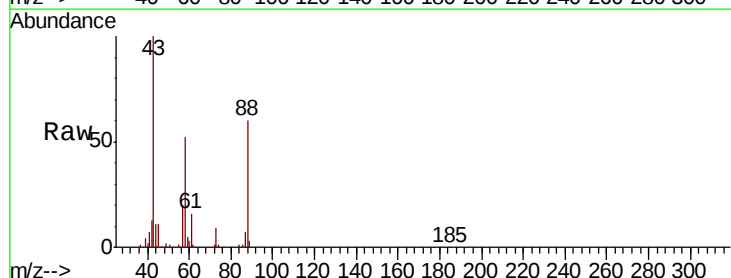
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Ion Ratio Lower Upper  
152 100  
150 153.7 120.2 180.2  
115 61.9 46.2 69.2

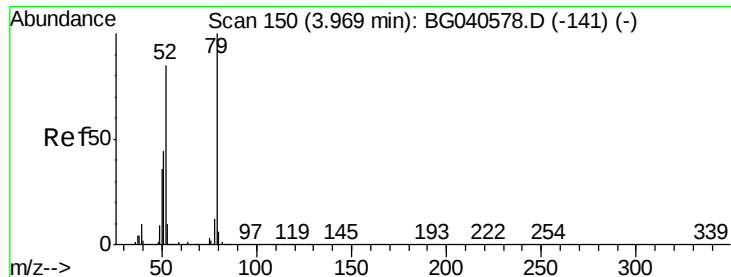


#2

1,4-Dioxane  
Concen: 47.322 ng  
RT: 3.55 min Scan# 79  
Delta R.T. 0.00 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

Tgt Ion: 88 Resp: 45247  
Ion Ratio Lower Upper  
88 100  
58 86.9 71.2 106.8  
43 195.0 35.6 53.4#





#3

Pvridine

Concen: 44.162 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

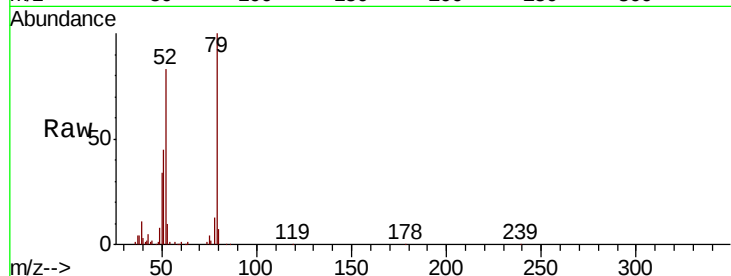
Tot Ion: 79 Resp: 122392

Ion Ratio Lower Upper

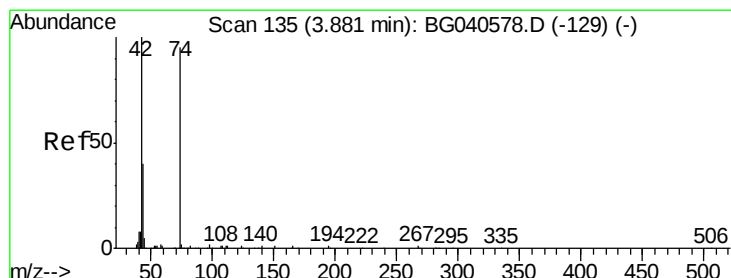
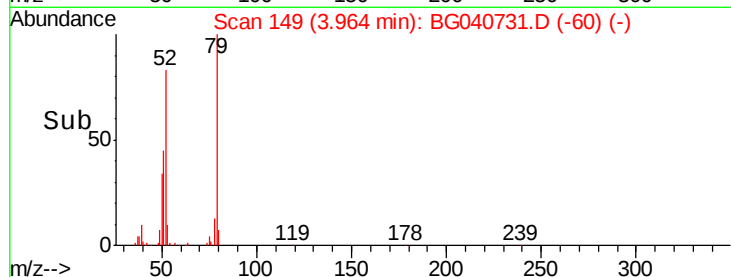
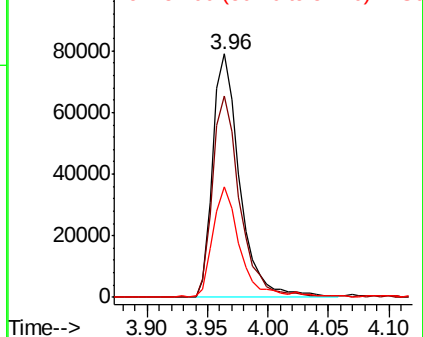
79 100

52 82.8 67.5 101.3

51 45.2 35.6 53.4



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



#4

n-Nitrosodimethylamine

Concen: 48.904 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

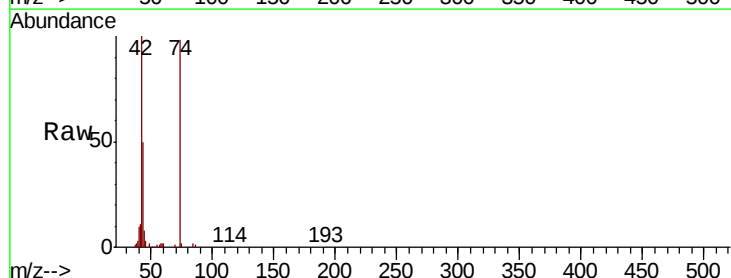
Tgt Ion: 42 Resp: 75177

Ion Ratio Lower Upper

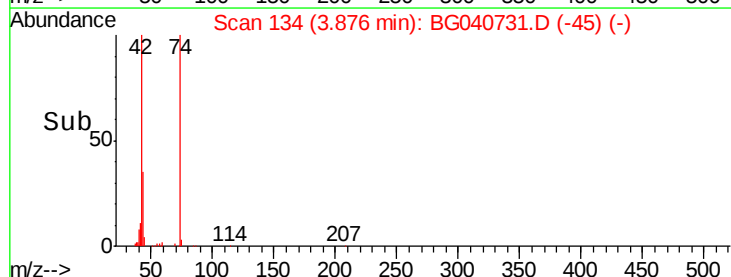
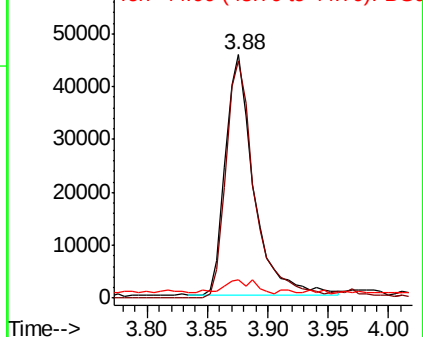
42 100

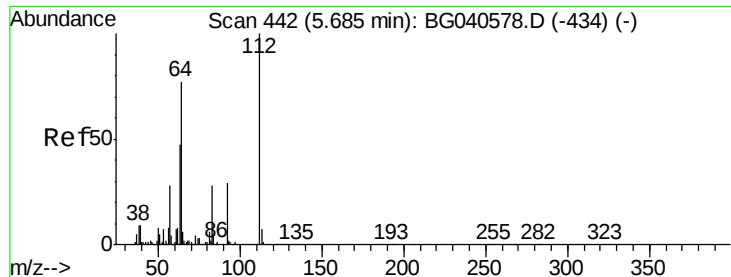
74 97.5 74.6 111.8

44 7.7 7.4 11.0



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





#5

2-Fluorophenol

Concen: 166.164 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

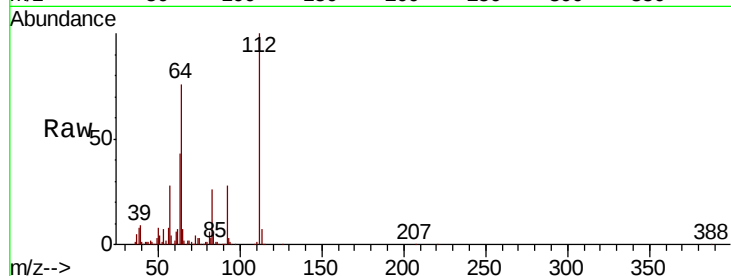
Tot Ion:112 Resp: 349349

Ion Ratio Lower Upper

112 100

64 76.3 61.4 92.0

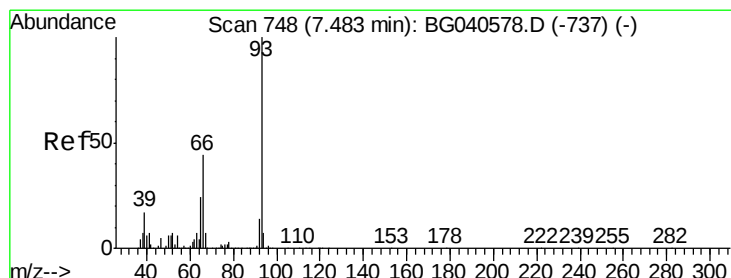
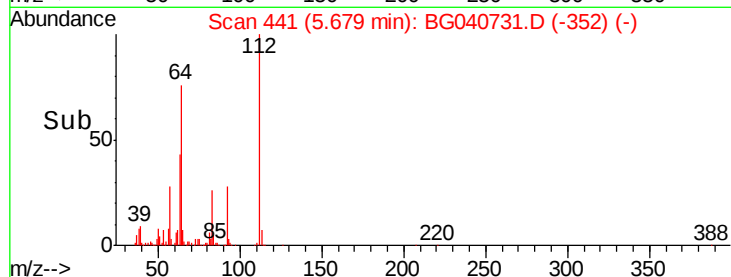
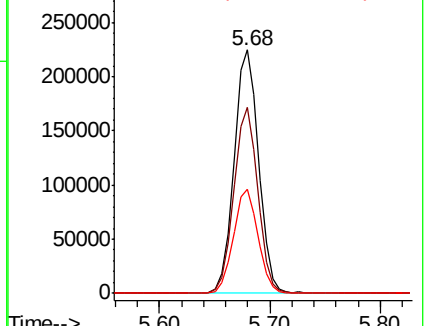
63 43.0 37.8 56.6



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: 32.077 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

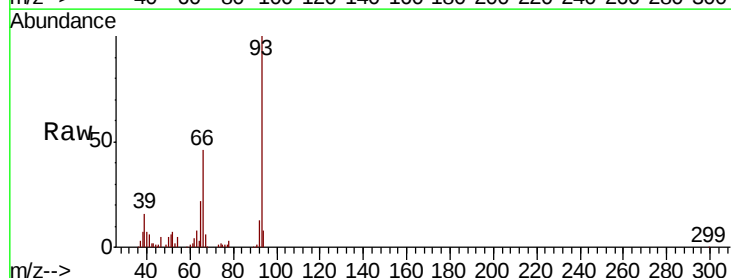
Tgt Ion: 93 Resp: 137634

Ion Ratio Lower Upper

93 100

66 45.5 35.5 53.3

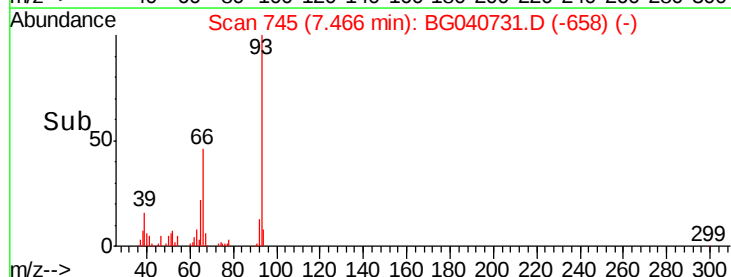
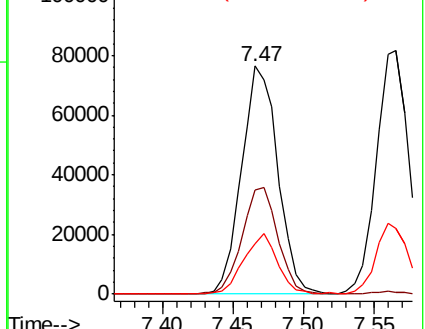
65 22.2 19.2 28.8

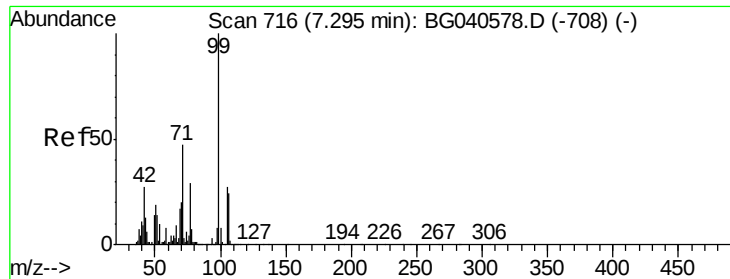


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.322 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

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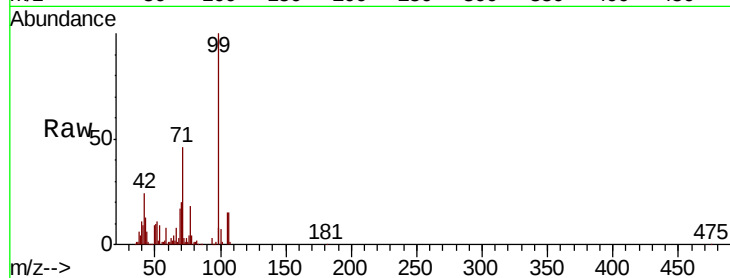
Tot Ion: 99 Resp: 480142

Ion Ratio Lower Upper

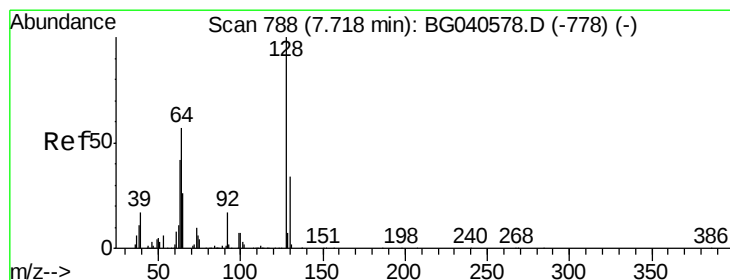
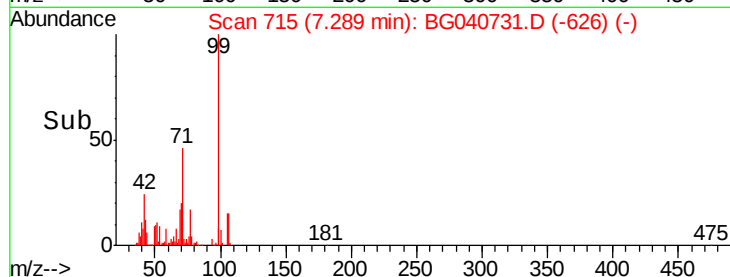
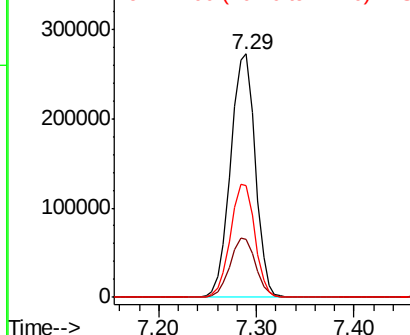
99 100

42 24.0 21.8 32.8

71 46.0 38.6 57.8



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: 53.635 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

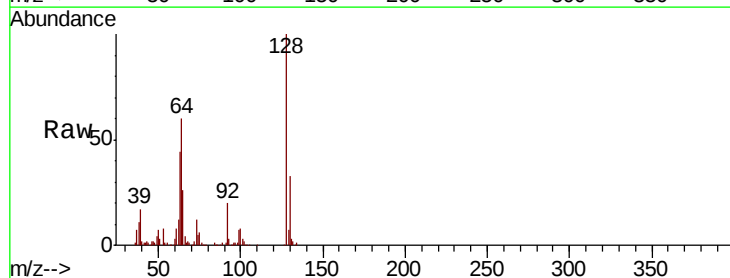
Tgt Ion:128 Resp: 137690

Ion Ratio Lower Upper

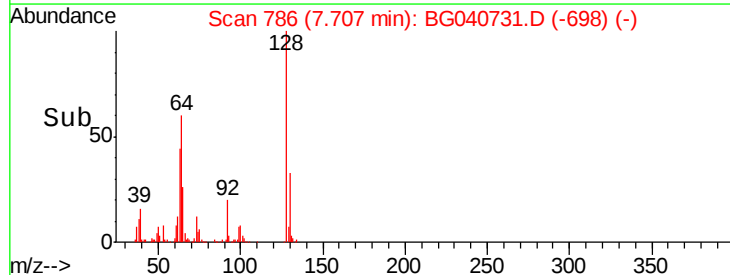
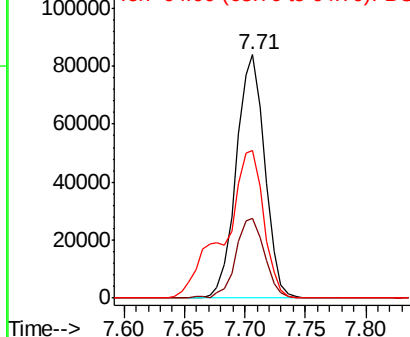
128 100

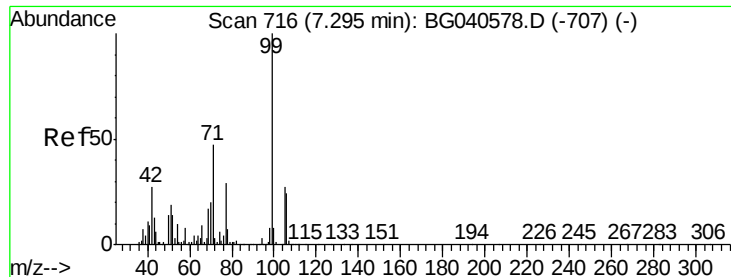
130 32.9 14.5 54.5

64 60.4 38.4 78.4



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





#9

Benzaldehyde

Concen: 50.527 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

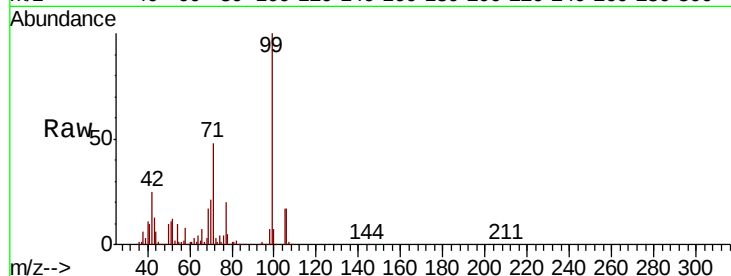
Tot Ion: 77 Resp: 91428

Ion Ratio Lower Upper

77 100

105 87.4 72.0 112.0

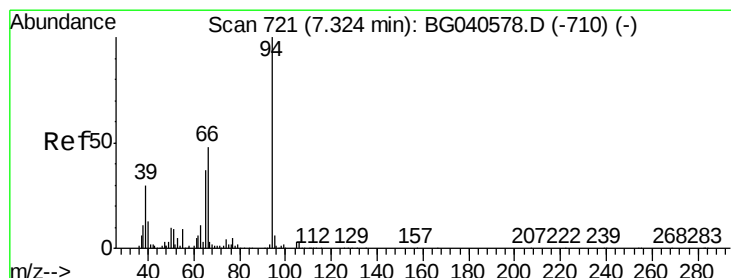
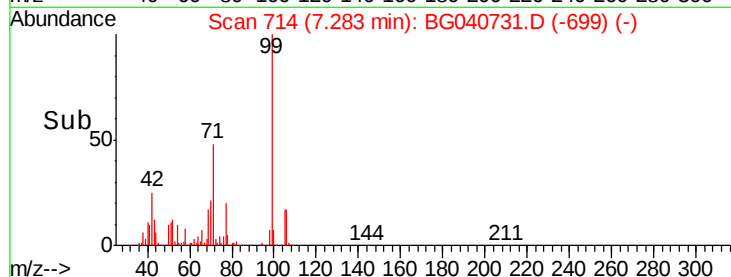
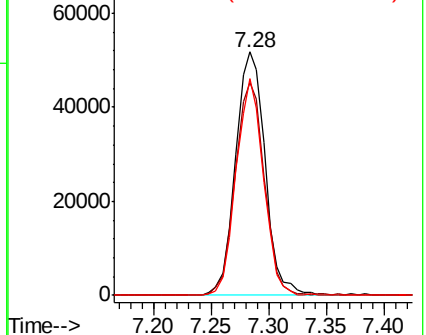
106 89.2 61.2 101.2



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: 48.267 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

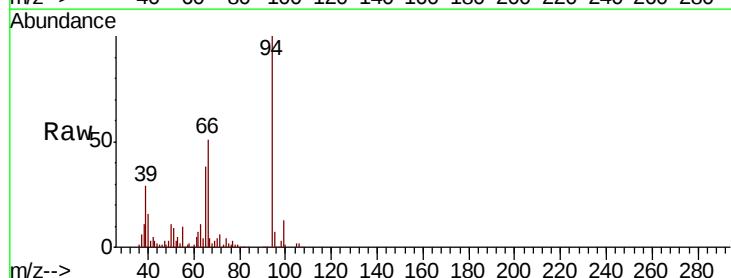
Tgt Ion: 94 Resp: 167957

Ion Ratio Lower Upper

94 100

65 38.3 17.0 57.0

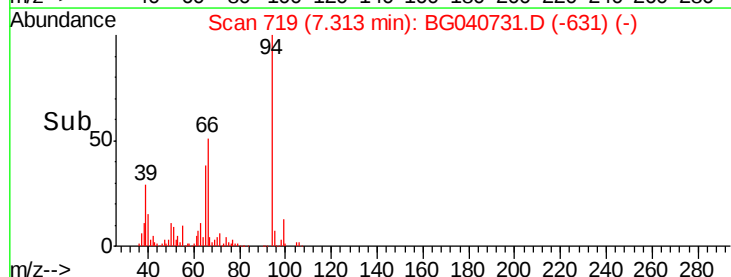
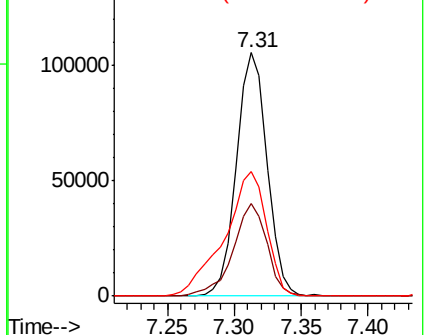
66 51.1 28.6 68.6

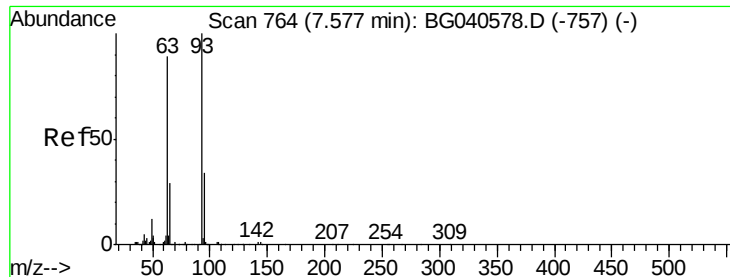


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

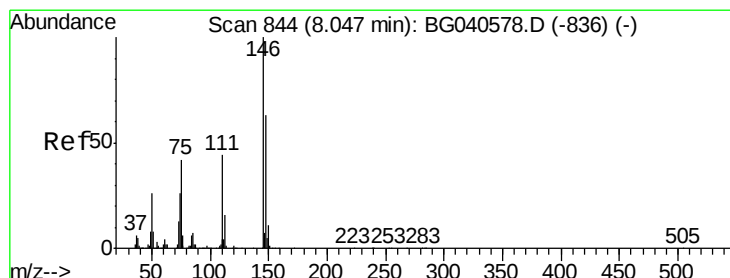
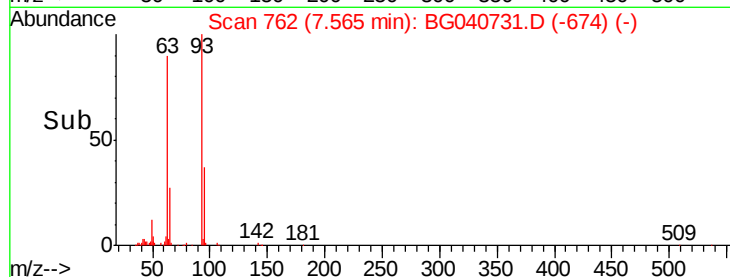
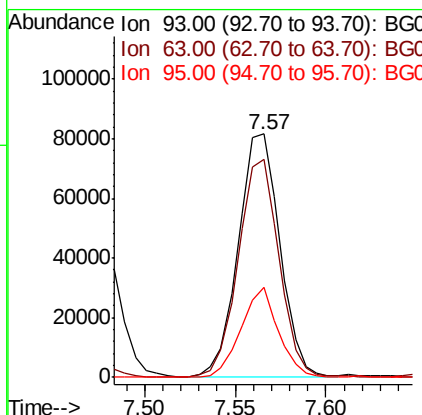
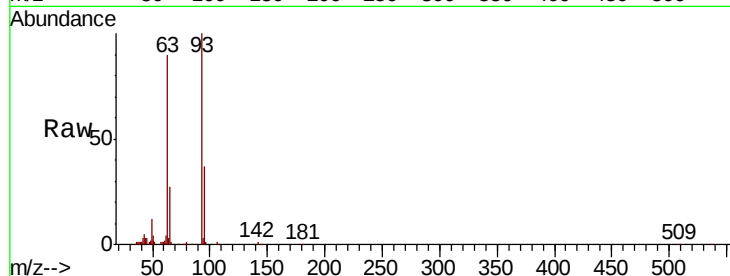




#11  
 bis(2-Chloroethyl)ether  
 Concen: 49.611 ng  
 RT: 7.57 min Scan# 762  
 Delta R.T. -0.01 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

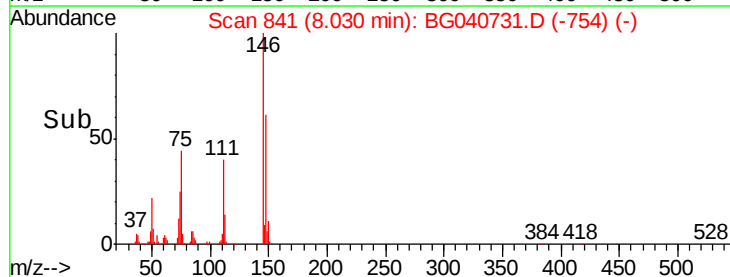
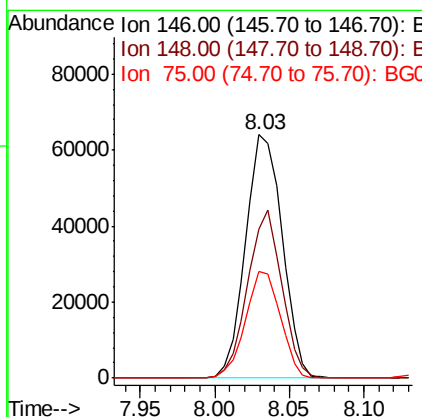
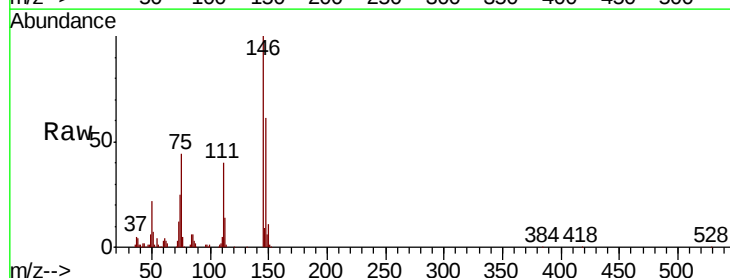
Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-050219-AMSD

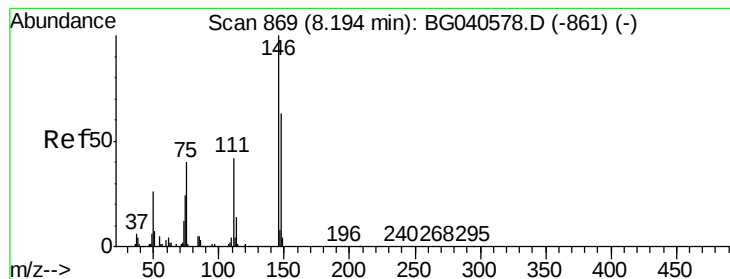
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 89.6  | 68.2  | 108.2 |
| 95      | 37.0  | 14.3  | 54.3  |



#12  
 1,3-Dichlorobenzene  
 Concen: 38.851 ng  
 RT: 8.03 min Scan# 841  
 Delta R.T. -0.02 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.9  | 50.7  | 76.1  |
| 75      | 43.6  | 33.4  | 50.2  |





#13

1,4-Dichlorobenzene

Concen: 40.540 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

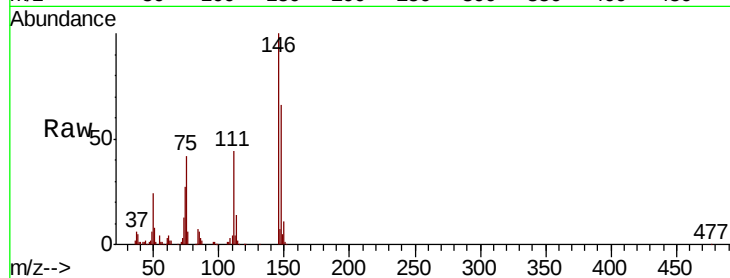
Tot Ion:146 Resp: 115155

Ion Ratio Lower Upper

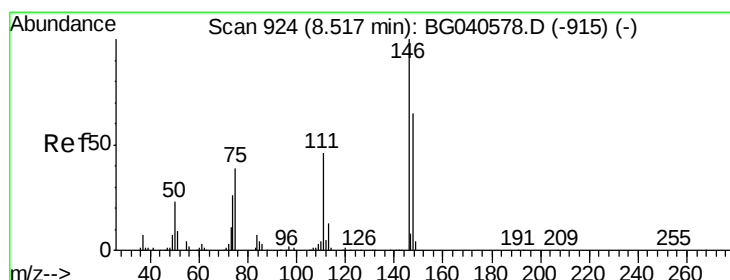
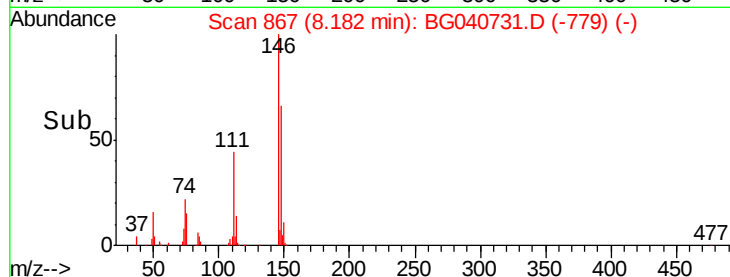
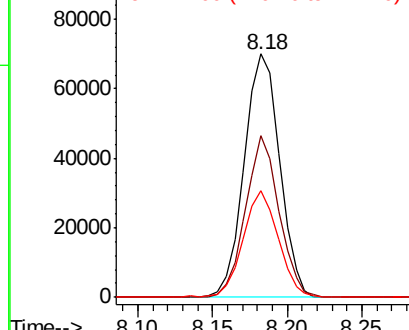
146 100

148 66.2 50.6 75.8

111 43.8 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.725 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

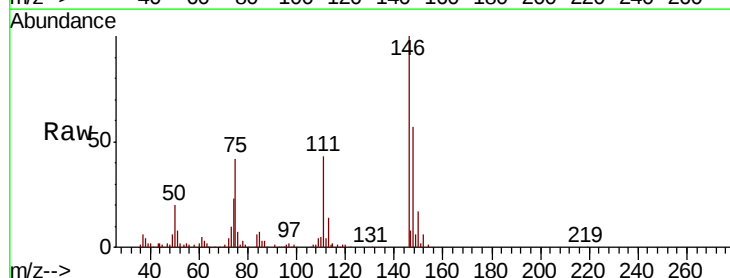
Tgt Ion:146 Resp: 111560

Ion Ratio Lower Upper

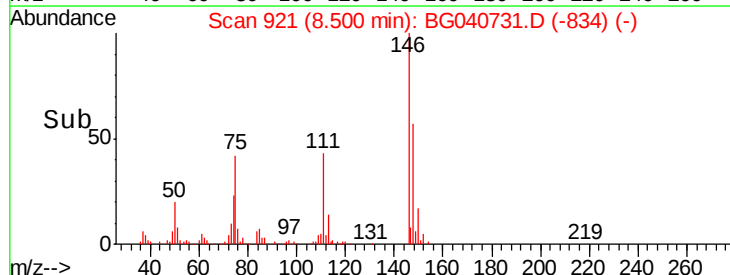
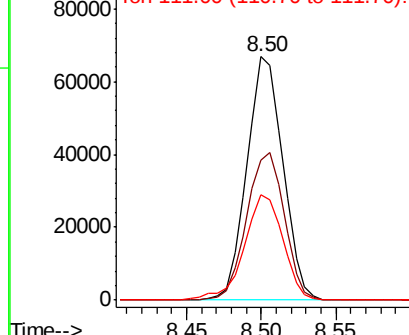
146 100

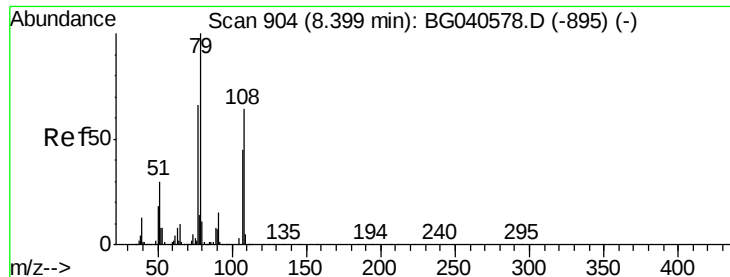
148 57.5 52.2 78.4

111 43.1 37.4 56.0



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.280 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

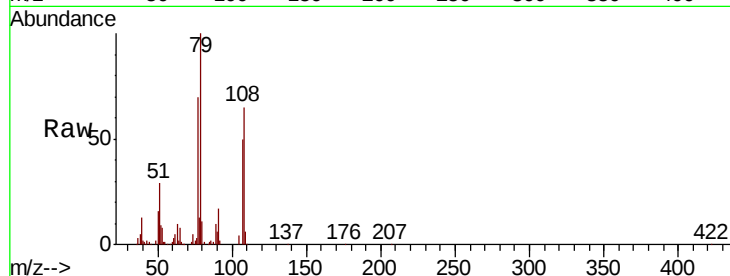
Tot Ion: 79 Resp: 172726

Ion Ratio Lower Upper

79 100

108 65.0 51.4 77.0

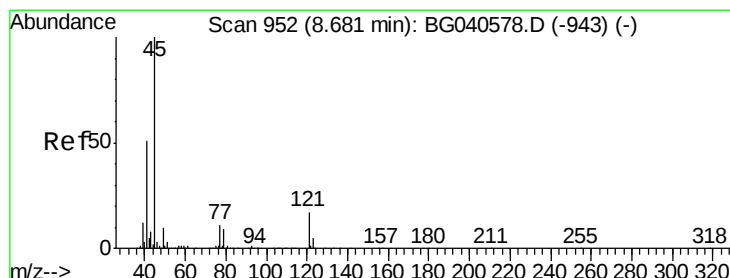
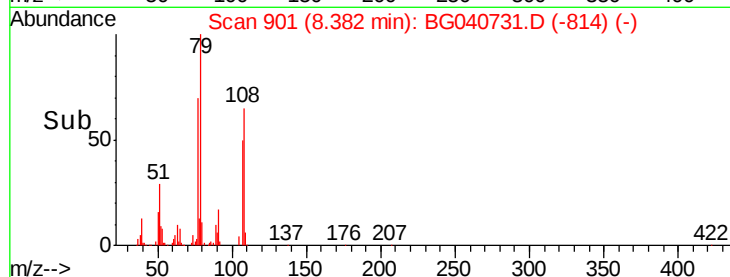
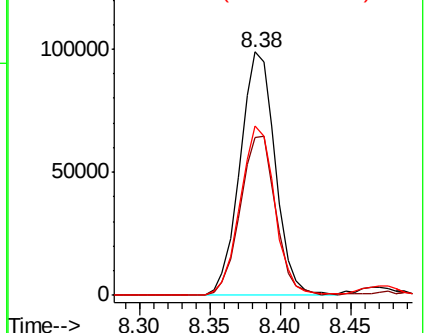
77 69.7 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.885 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

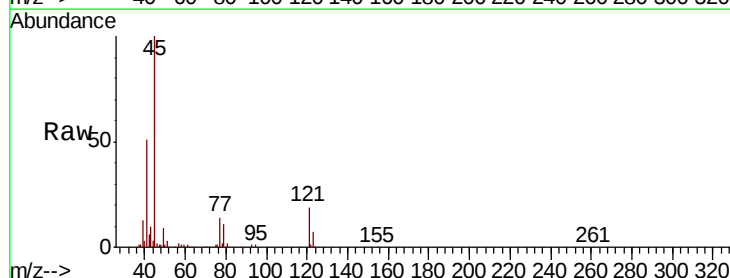
Tgt Ion: 45 Resp: 227994

Ion Ratio Lower Upper

45 100

77 13.6 0.0 31.5

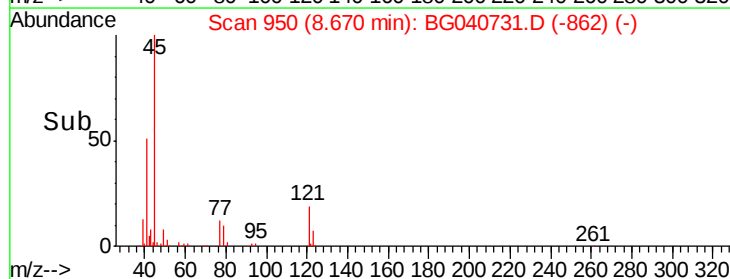
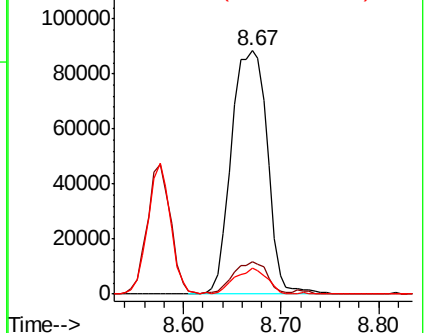
79 10.6 0.0 29.4

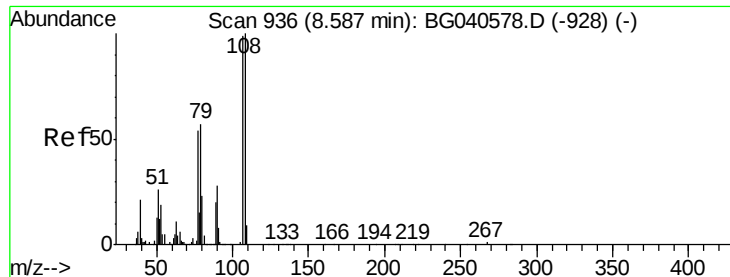


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 52.722 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

Tot Ion:107 Resp: 129833

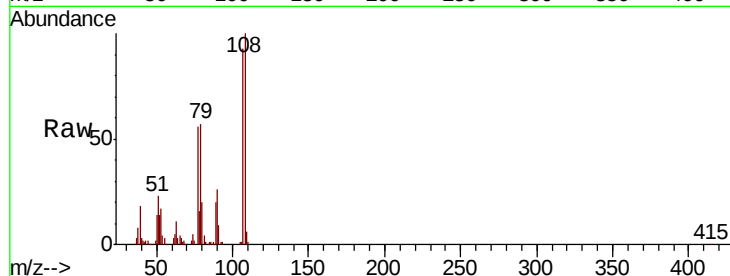
Ion Ratio Lower Upper

107 100

108 107.0 81.2 121.8

77 59.5 44.4 66.6

79 60.5 47.0 70.4

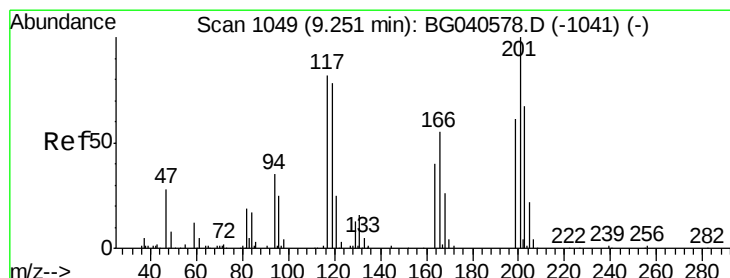
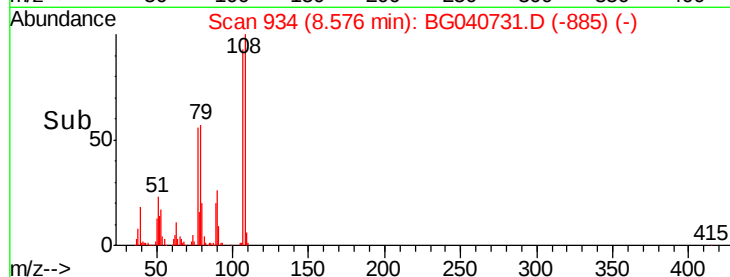
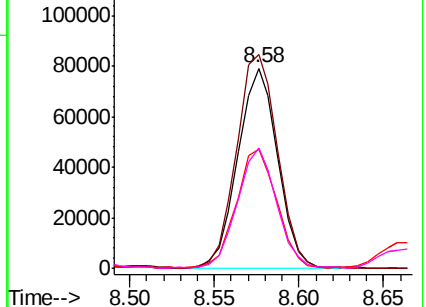


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.292 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

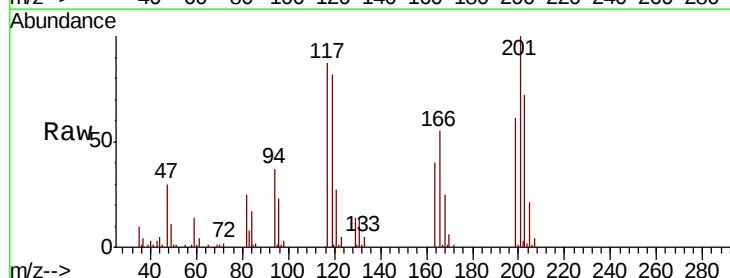
Tgt Ion:117 Resp: 39957

Ion Ratio Lower Upper

117 100

119 95.4 76.6 114.8

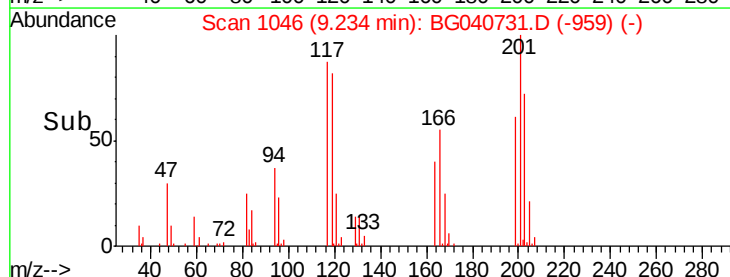
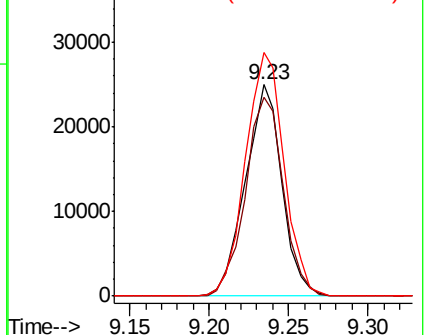
201 115.3 101.0 151.6

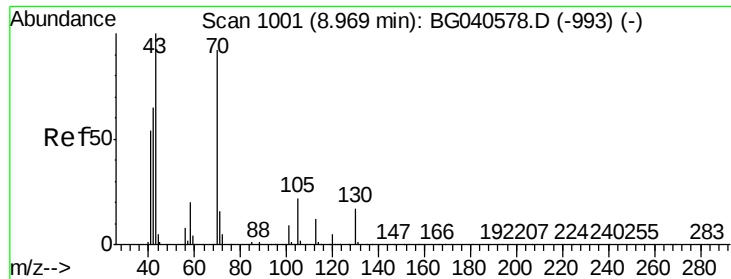


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

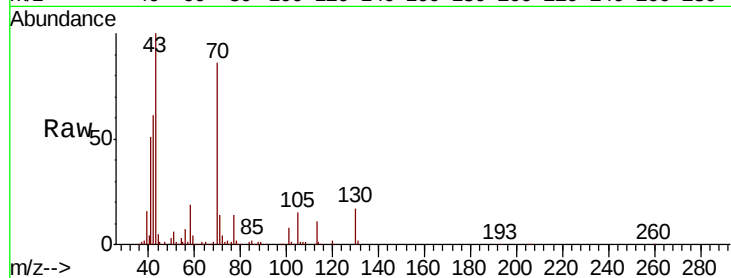




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.341 ng  
RT: 8.95 min Scan# 998  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 135037 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 71.3  | 57.1  | 85.7   |
| 101      | 9.1   | 7.8   | 11.8   |
| 130      | 19.8  | 14.6  | 21.8   |



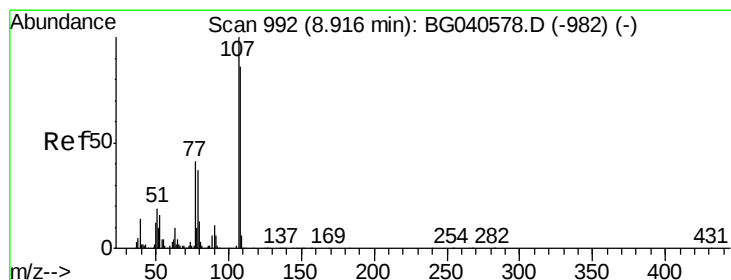
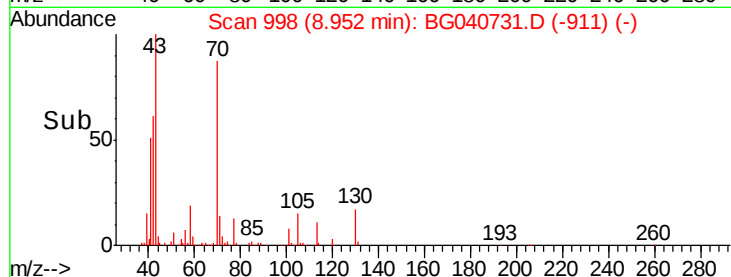
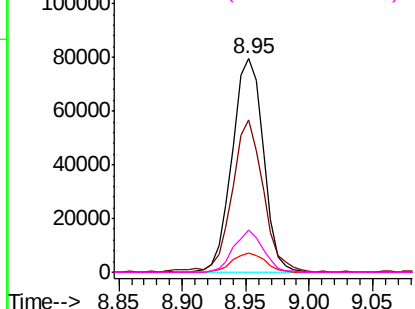
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

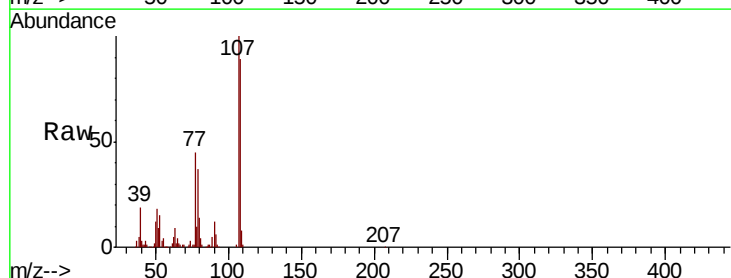
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20  
3+4-Methylphenols  
Concen: 53.075 ng  
RT: 8.91 min Scan# 990  
Delta R.T. -0.01 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 182079 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.1  | 66.1  | 106.1  |
| 77       | 45.1  | 21.6  | 61.6   |
| 79       | 37.0  | 17.4  | 57.4   |



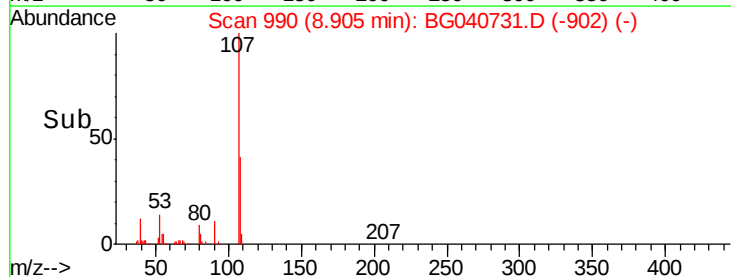
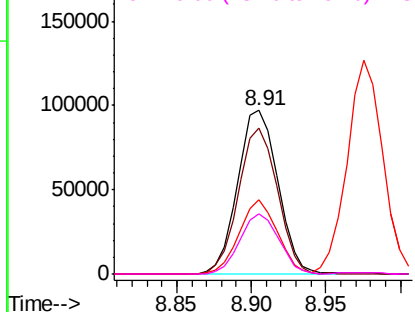
Abundance

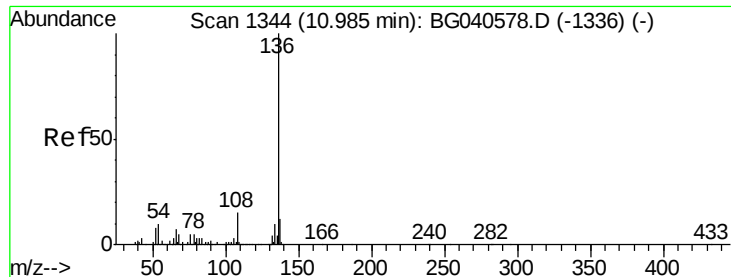
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

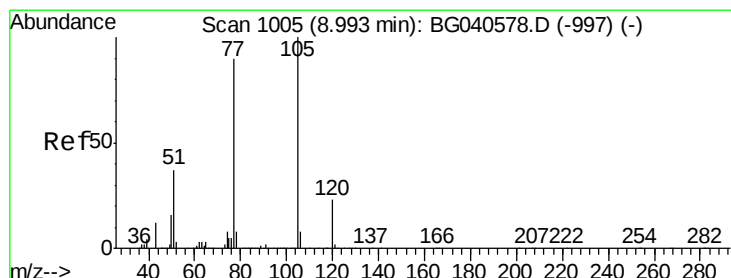
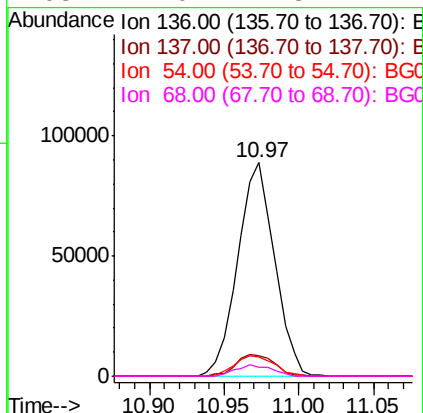
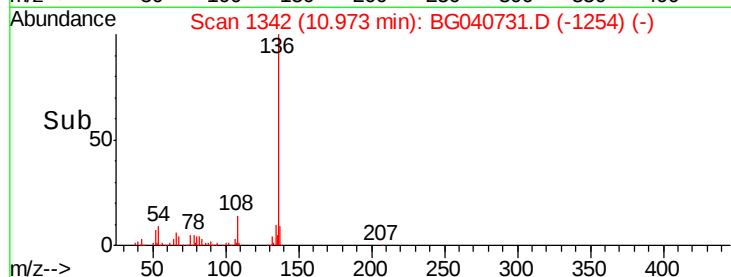
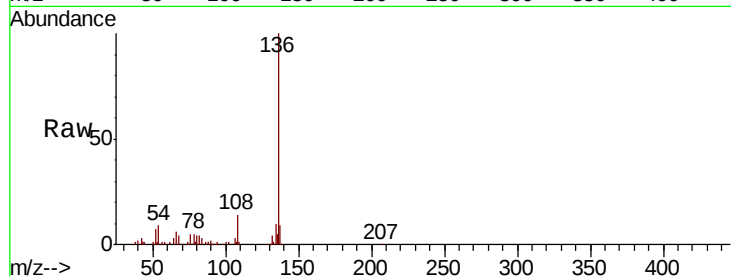




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.97 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

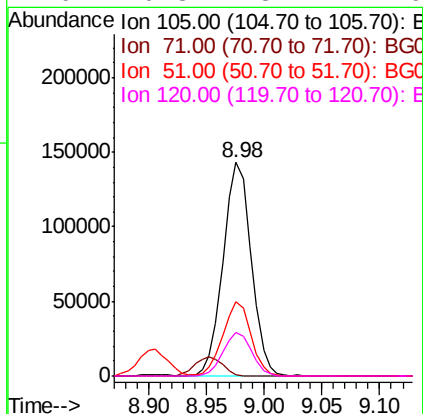
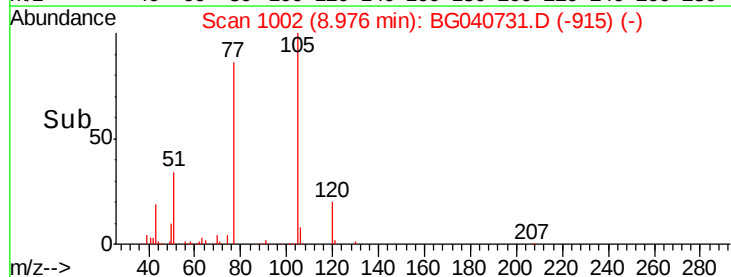
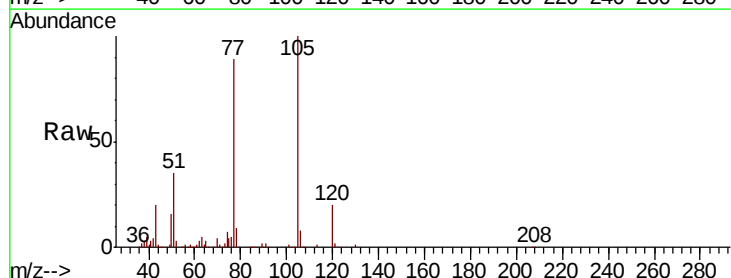
Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

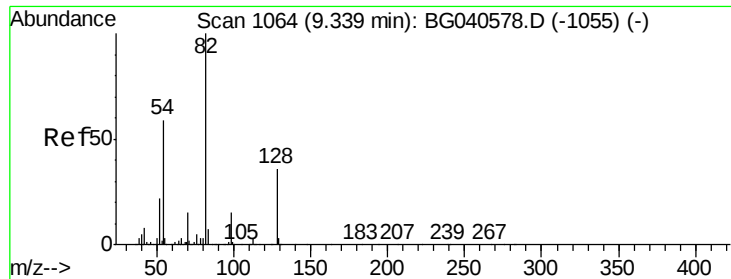
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:136 | Resp: | 152084    |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 9.4   | 9.7 14.5# |
| 54          | 9.0   | 8.6 12.8  |
| 68          | 4.0   | 4.8 7.2#  |



#22  
Acetophenone  
Concen: 57.176 ng  
RT: 8.98 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 241803    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.9   | 1.8 2.8#  |
| 51          | 34.9  | 29.8 44.8 |
| 120         | 20.3  | 18.4 27.6 |

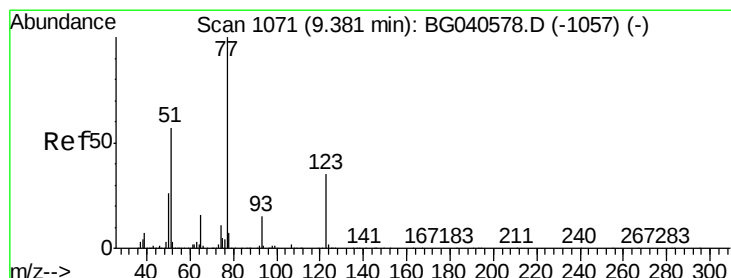
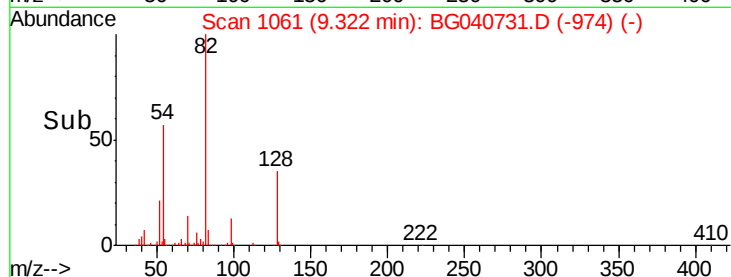
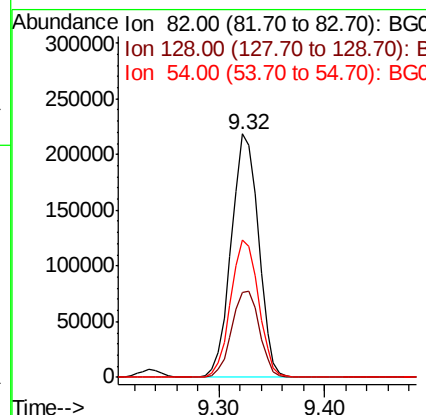
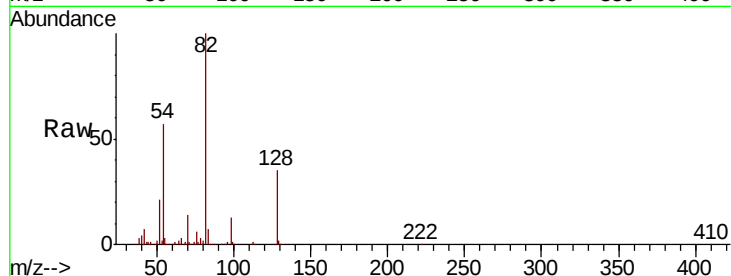




#23  
 Nitrobenzene-d5  
 Concen: 118.413 ng  
 RT: 9.32 min Scan# 1061  
 Delta R.T. -0.02 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

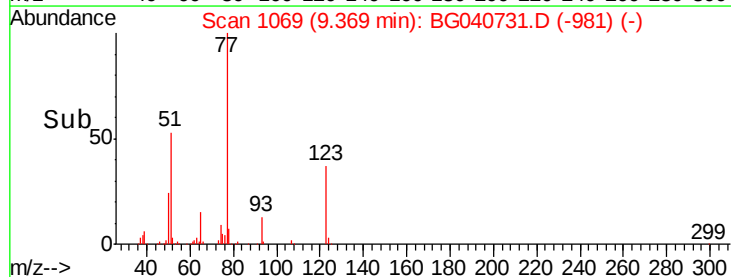
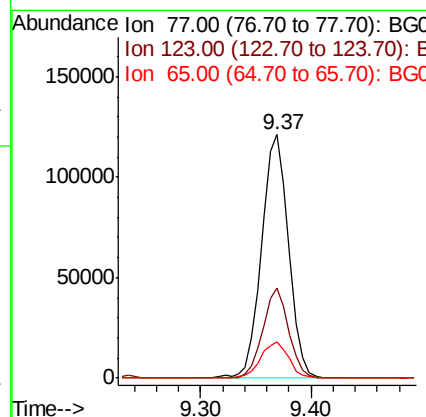
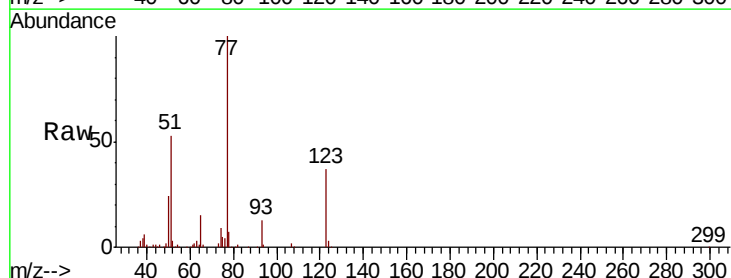
Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-050219-AMSD

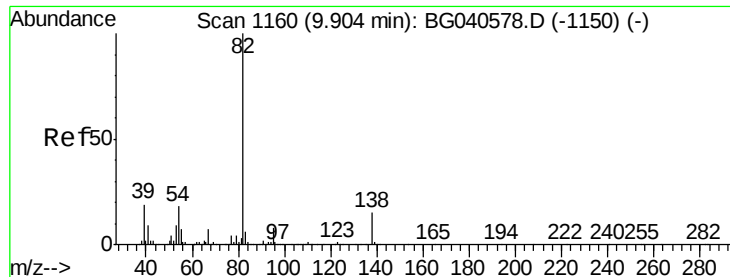
| Tot Ion   | 82    | Resp  | 389746 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 34.7  | 28.9  | 43.3   |
| 54        | 56.6  | 47.2  | 70.8   |



#24  
 Nitrobenzene  
 Concen: 59.016 ng  
 RT: 9.37 min Scan# 1069  
 Delta R.T. -0.01 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

| Tgt Ion   | 77    | Resp  | 207250 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 37.0  | 27.8  | 41.6   |
| 65        | 15.2  | 12.4  | 18.6   |

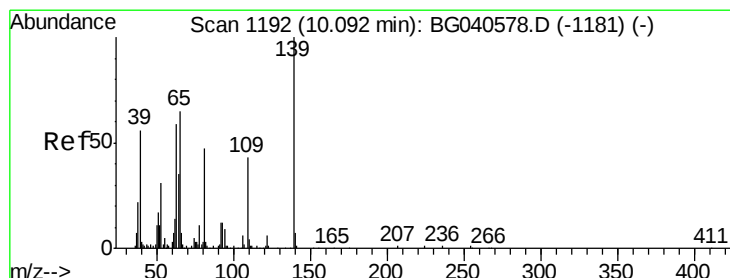
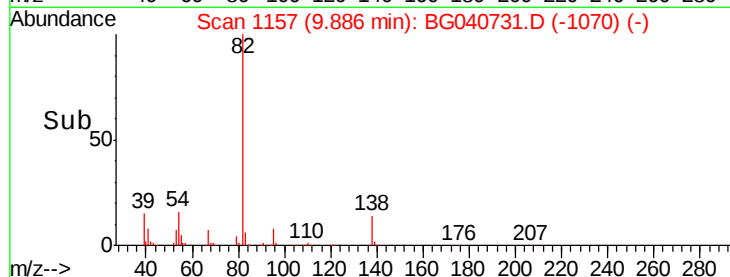
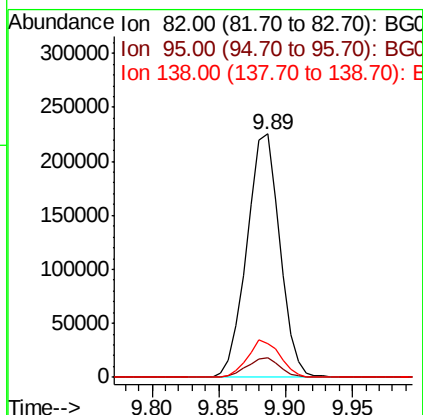
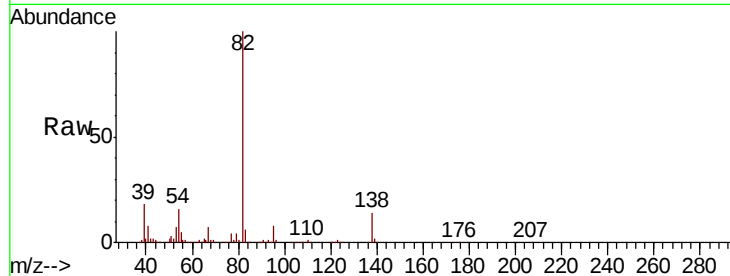




#25  
Isophorone  
Concen: 52.306 ng  
RT: 9.89 min Scan# 1157  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

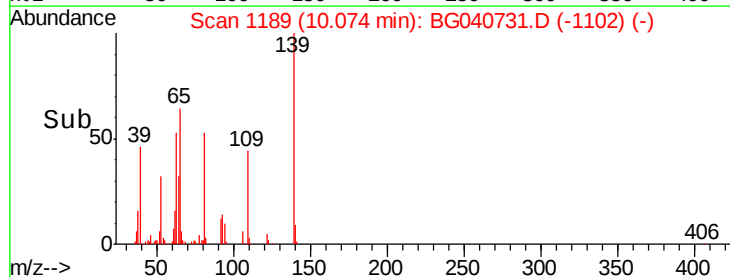
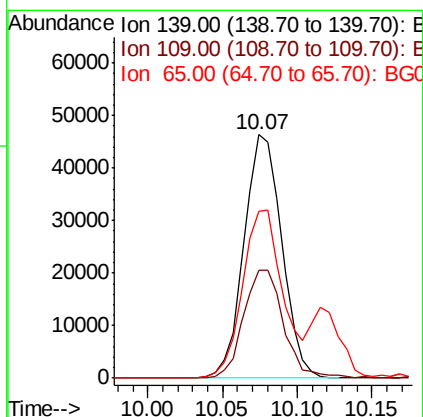
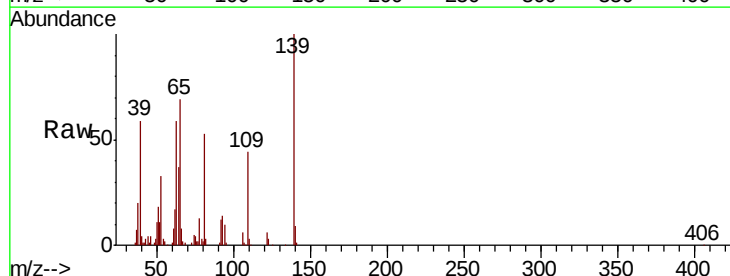
Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

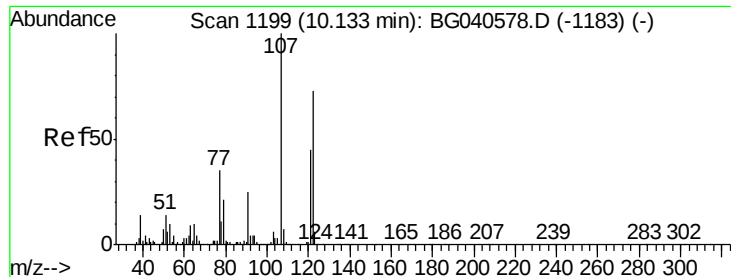
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 8.3   | 6.9   | 10.3  |
| 138     | 13.9  | 12.3  | 18.5  |



#26  
2-Nitrophenol  
Concen: 64.350 ng  
RT: 10.07 min Scan# 1189  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 44.1  | 35.6  | 53.4  |
| 65      | 68.8  | 52.3  | 78.5  |

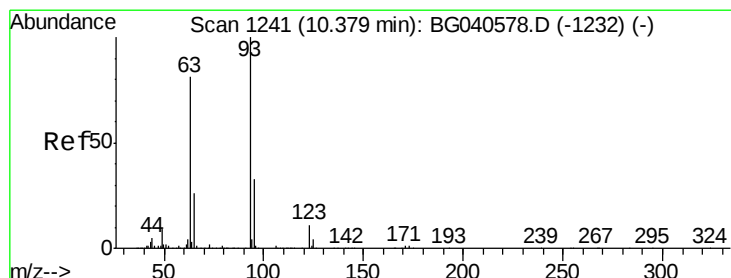
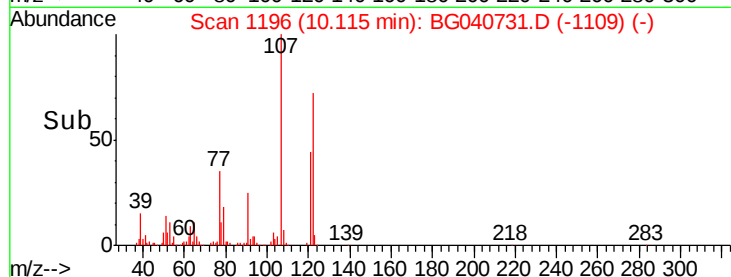
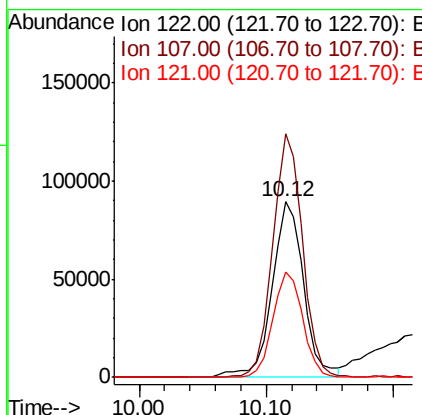
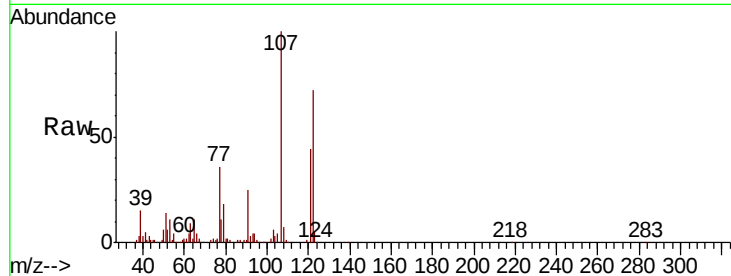




#27  
 2,4-Dimethylphenol  
 Concen: 65.422 ng  
 RT: 10.12 min Scan# 1196  
 Delta R.T. -0.02 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

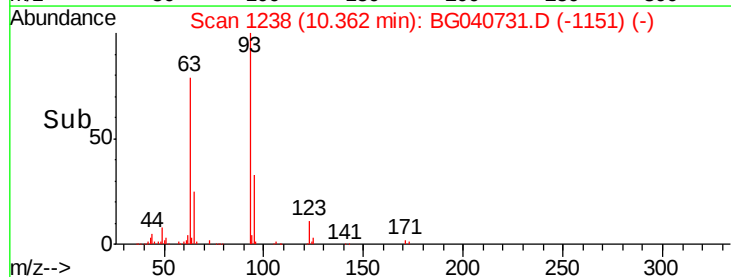
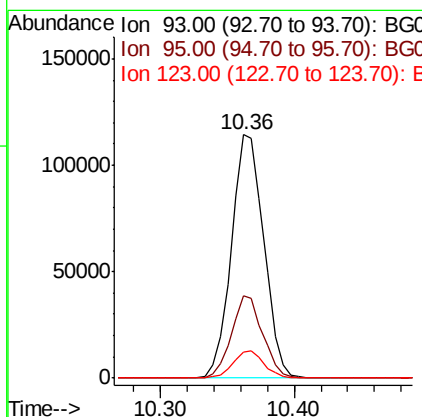
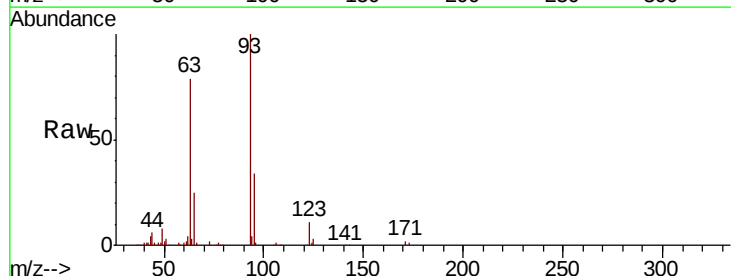
Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-050219-AMSD

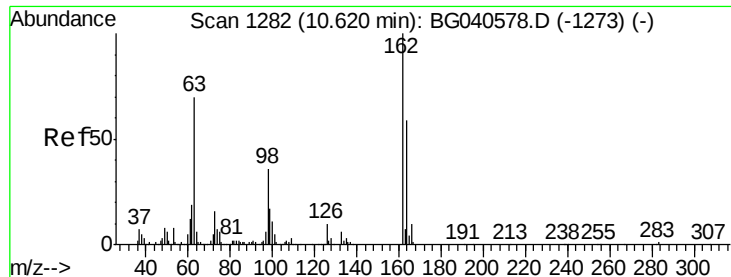
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 139.0 | 110.1 | 165.1 |
| 121     | 60.5  | 49.4  | 74.0  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 52.365 ng  
 RT: 10.36 min Scan# 1238  
 Delta R.T. -0.02 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.7  | 26.6  | 40.0  |
| 123     | 10.6  | 9.0   | 13.4  |

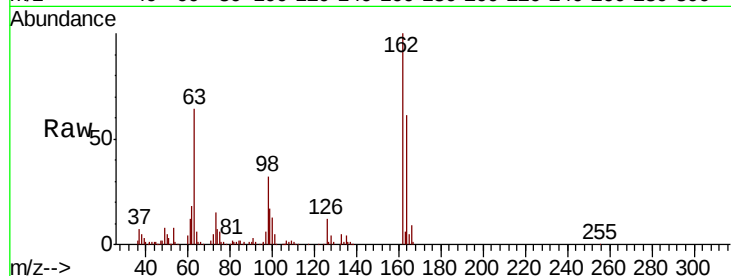




#29  
2,4-Dichlorophenol  
Concen: 63.511 ng  
RT: 10.61 min Scan# 1280  
Delta R.T. -0.01 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 61.3  | 38.9  | 78.9  |
| 98      | 31.8  | 16.8  | 56.8  |

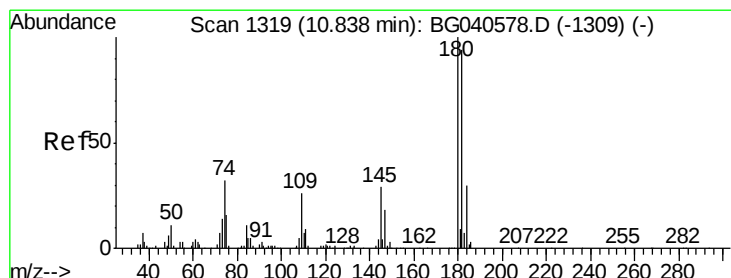
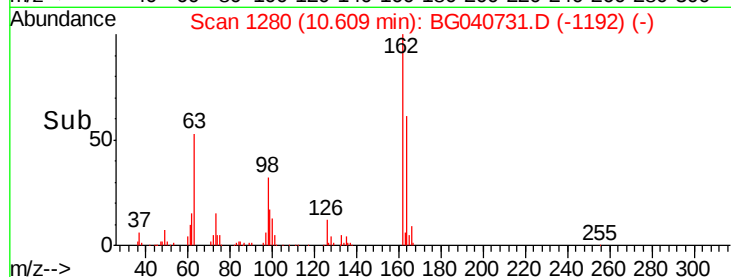
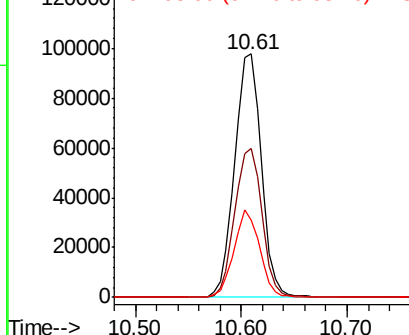


Abundance

Ion 162.00 (161.70 to 162.70): E

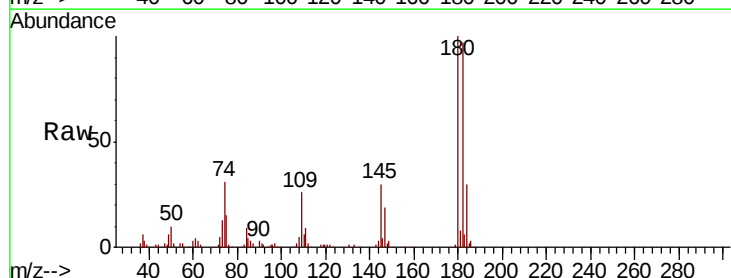
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
1,2,4-Trichlorobenzene  
Concen: 47.984 ng  
RT: 10.83 min Scan# 1317  
Delta R.T. -0.01 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.8  | 75.2  | 112.8 |
| 145     | 30.3  | 23.6  | 35.4  |

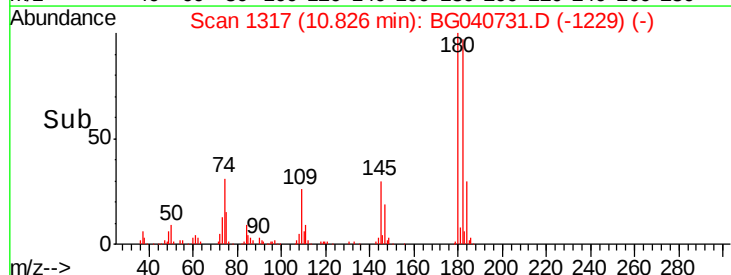
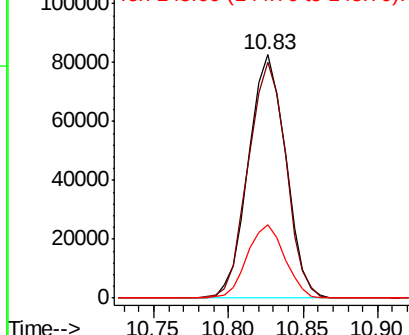


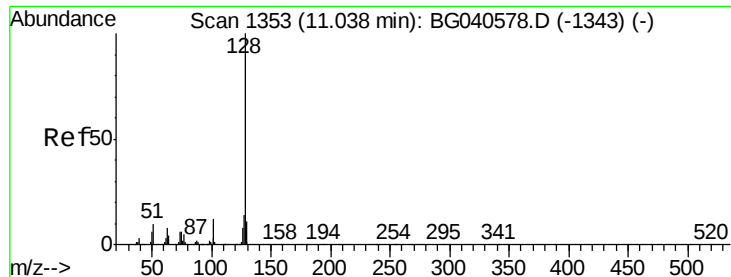
Abundance

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

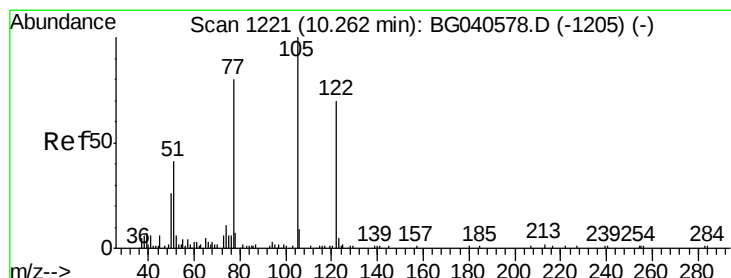
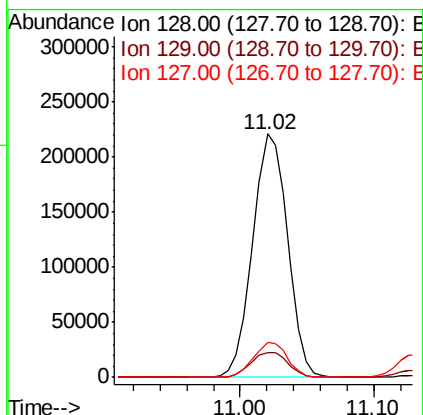
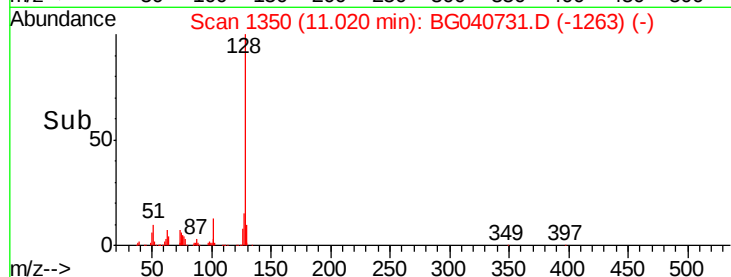
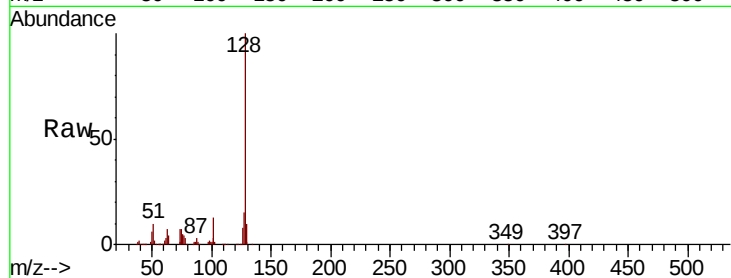




#31  
Naphthalene  
Concen: 49.339 ng  
RT: 11.02 min Scan# 1350  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

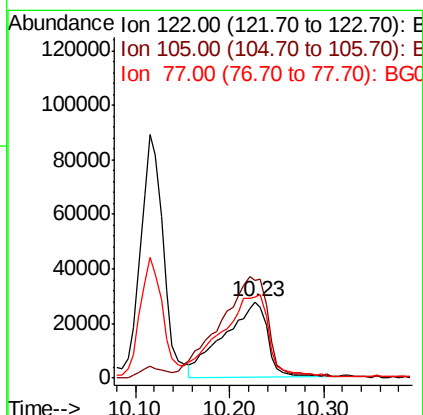
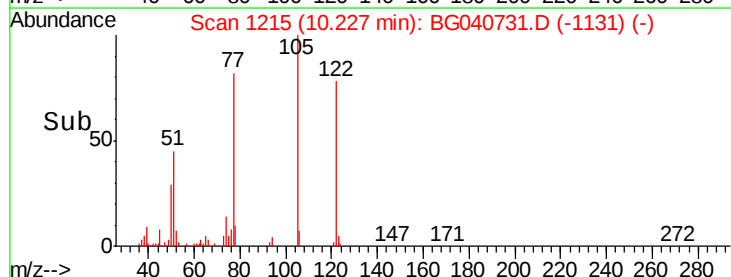
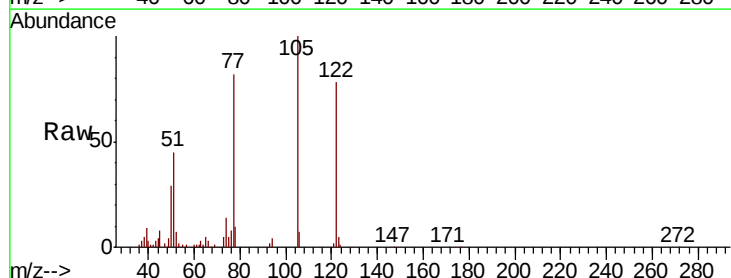
Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

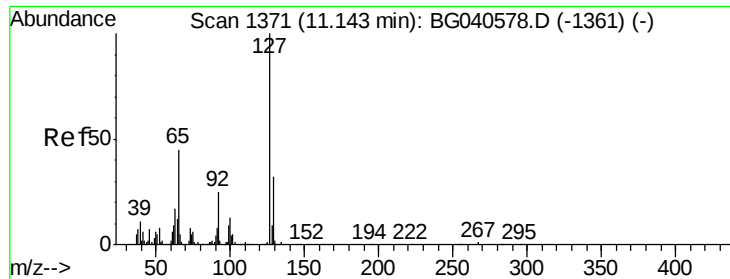
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.4  | 9.0   | 13.6  |
| 127     | 14.6  | 11.3  | 16.9  |



#32  
Benzoic acid  
Concen: 54.831 ng  
RT: 10.23 min Scan# 1215  
Delta R.T. -0.03 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 128.8 | 110.9 | 150.9 |
| 77      | 106.1 | 87.6  | 127.6 |

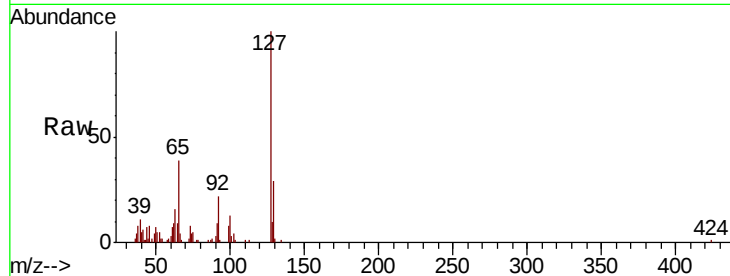




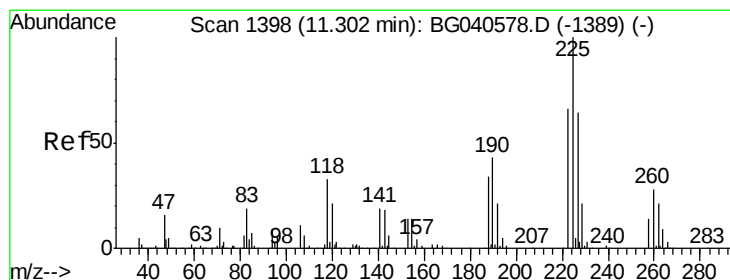
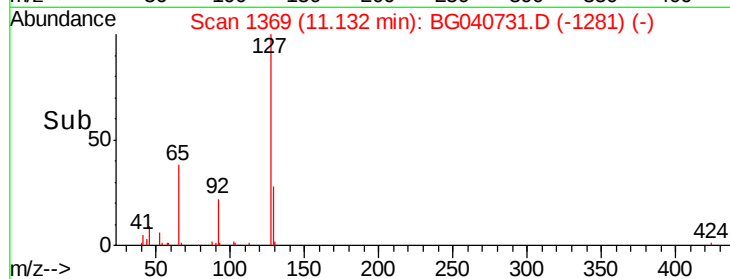
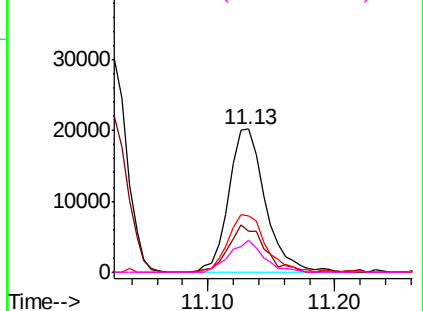
#33  
4-Chloroaniline  
Concen: 11.244 ng  
RT: 11.13 min Scan# 1369  
Delta R.T. -0.01 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 40279 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 28.7  | 25.7  | 38.5  |
| 65       | 39.1  | 36.1  | 54.1  |
| 92       | 22.3  | 20.1  | 30.1  |

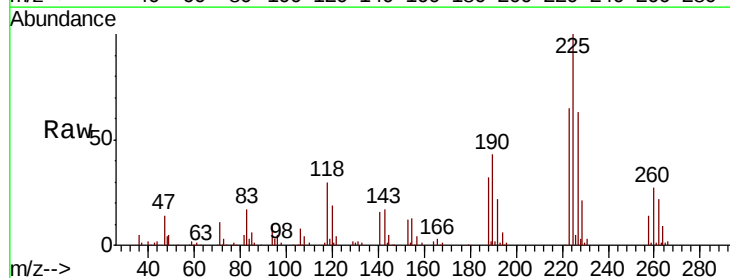


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGO  
Ion 92.00 (91.70 to 92.70): BGO

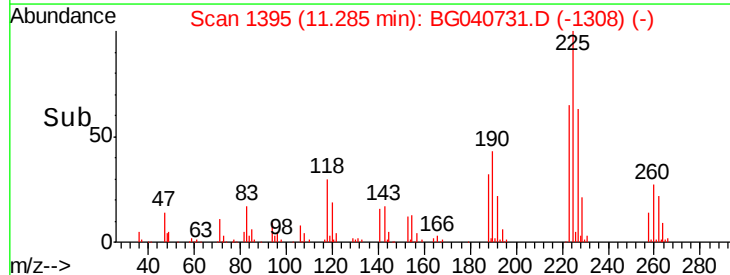
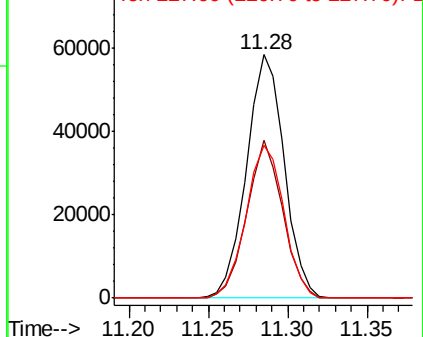


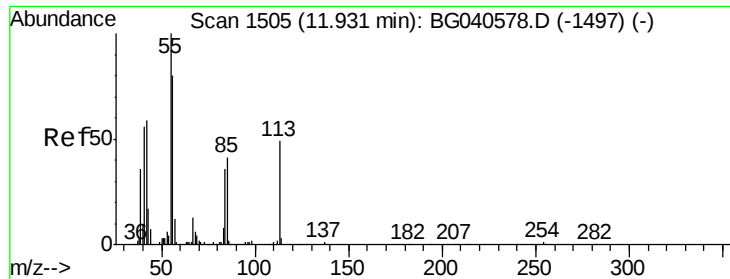
#34  
Hexachlorobutadiene  
Concen: 44.052 ng  
RT: 11.28 min Scan# 1395  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 96840 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 64.9  | 50.4  | 75.6  |
| 227      | 62.7  | 51.0  | 76.6  |



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

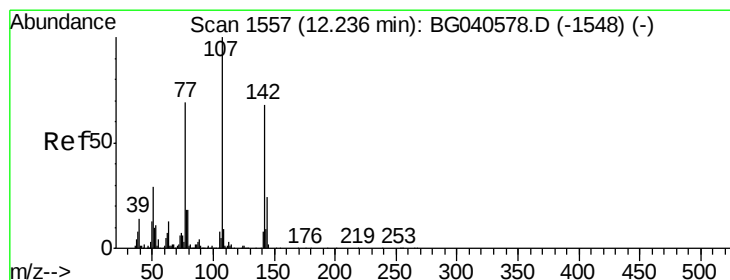
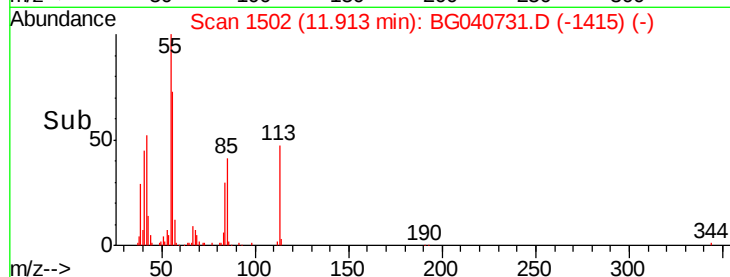
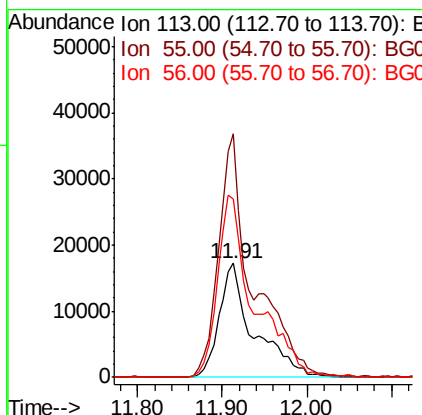
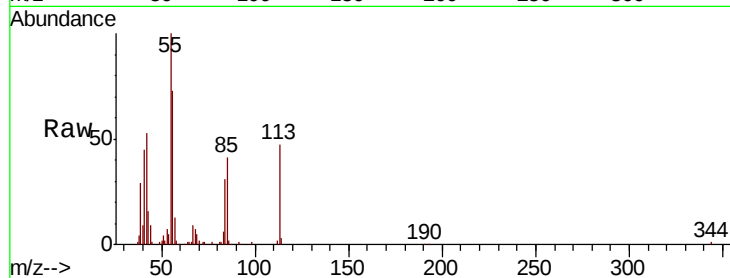




#35  
 Caprolactam  
 Concen: 46.247 ng  
 RT: 11.91 min Scan# 1502  
 Delta R.T. -0.02 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

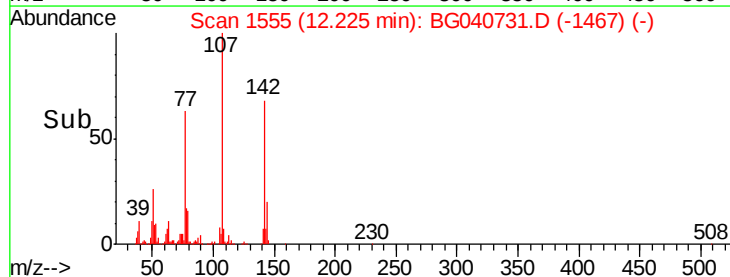
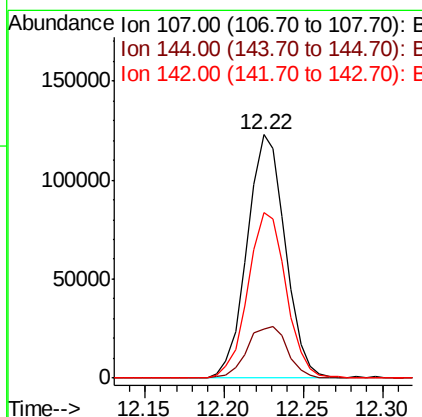
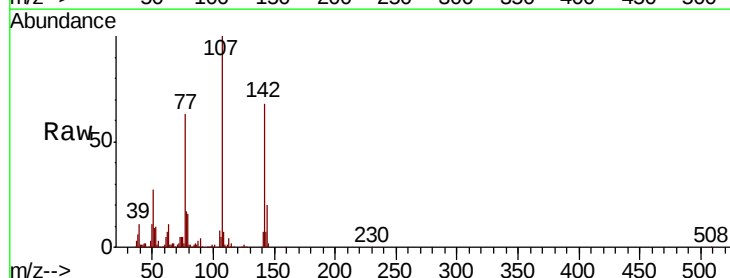
Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-050219-AMSD

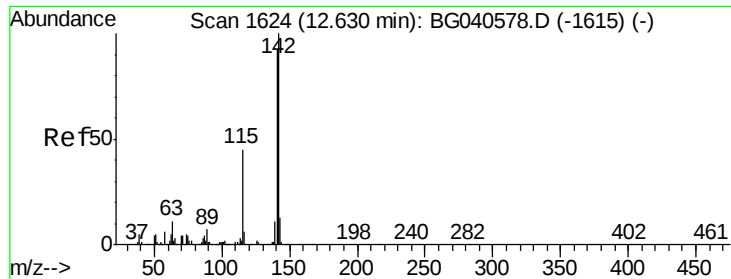
Tot Ion:113 Resp: 49027  
 Ion Ratio Lower Upper  
 113 100  
 55 213.1 198.6 238.6  
 56 156.1 148.4 188.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 60.496 ng  
 RT: 12.22 min Scan# 1555  
 Delta R.T. -0.01 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

Tgt Ion:107 Resp: 204922  
 Ion Ratio Lower Upper  
 107 100  
 144 20.4 19.3 28.9  
 142 67.7 54.6 81.8

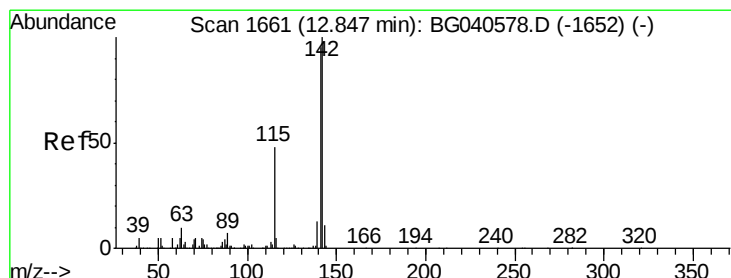
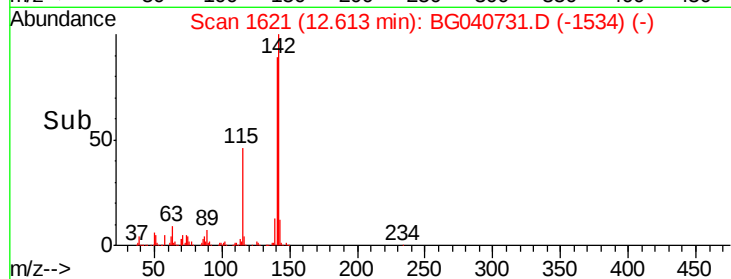
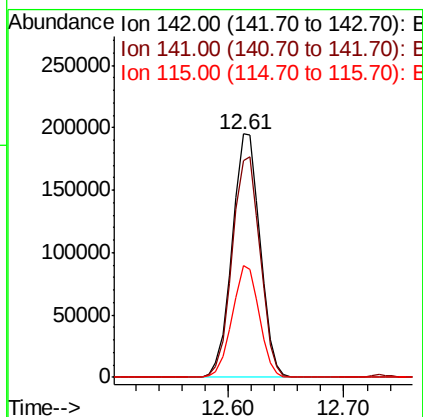
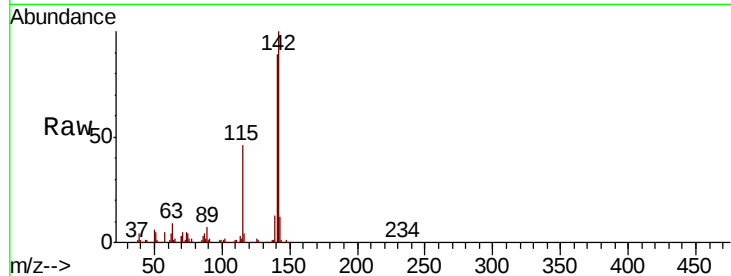




#37  
2-Methylnaphthalene  
Concen: 53.804 ng  
RT: 12.61 min Scan# 1621  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

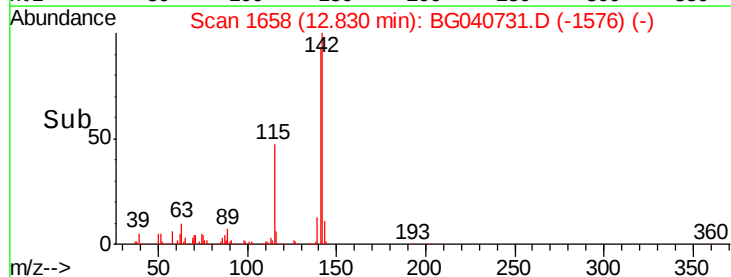
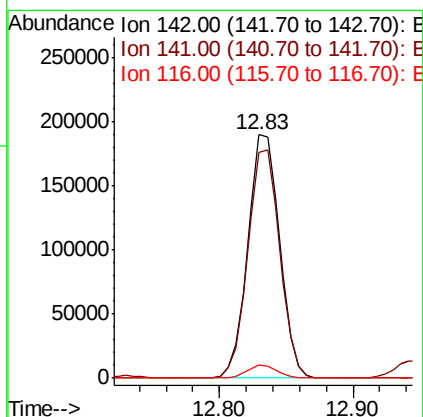
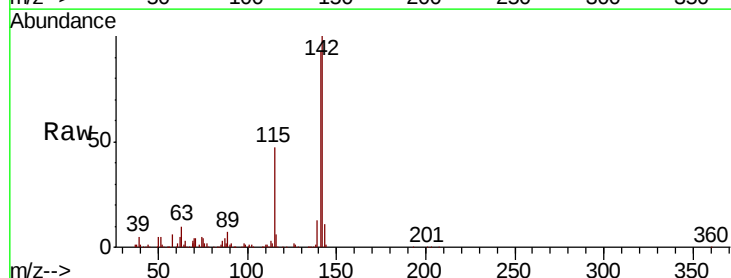
Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

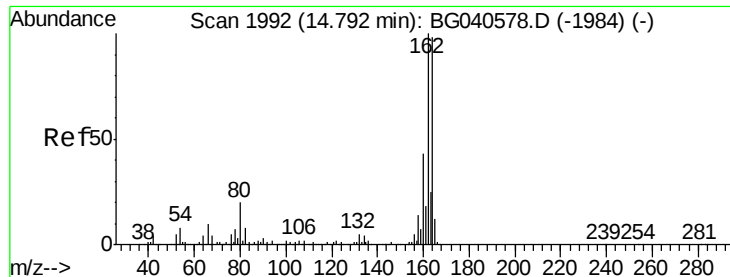
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.2  | 73.4  | 110.2 |
| 115     | 46.1  | 36.2  | 54.4  |



#38  
1-Methylnaphthalene  
Concen: 52.666 ng  
RT: 12.83 min Scan# 1658  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.7  | 75.9  | 113.9 |
| 116     | 5.6   | 4.2   | 6.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

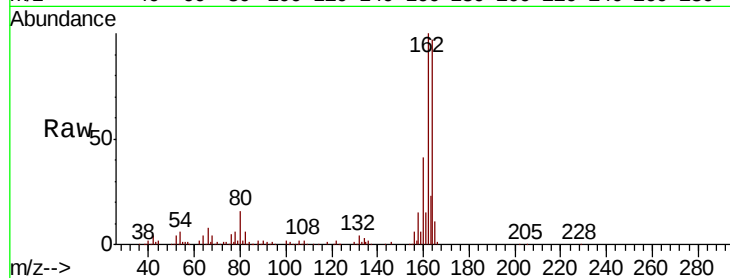
Tot Ion:164 Resp: 117239

Ion Ratio Lower Upper

164 100

162 103.2 81.9 122.9

160 42.4 35.4 53.2

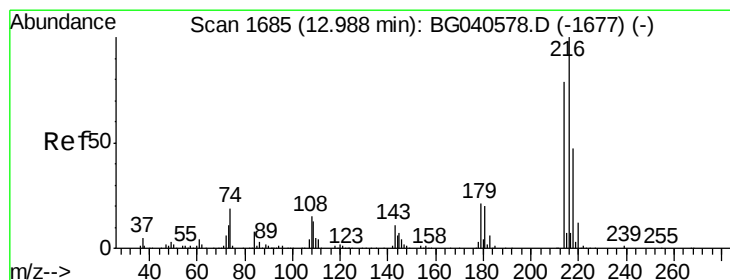
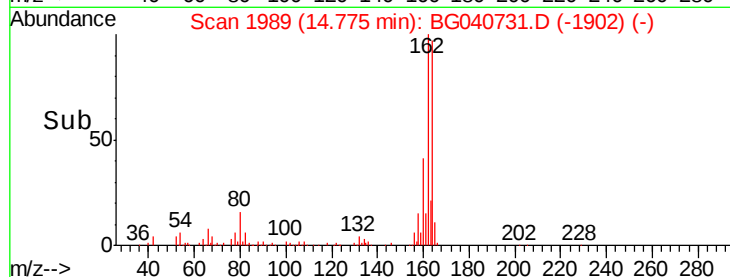
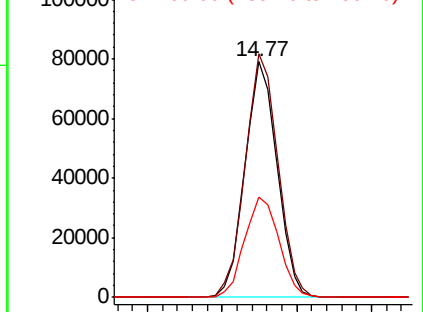


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.155 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Tgt Ion:216 Resp: 227785

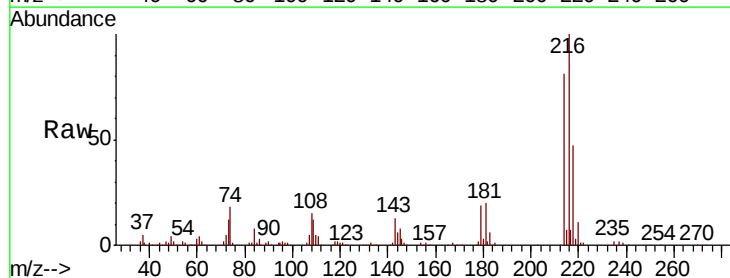
Ion Ratio Lower Upper

216 100

214 78.8 63.7 95.5

179 19.3 16.6 24.8

108 16.8 14.7 22.1



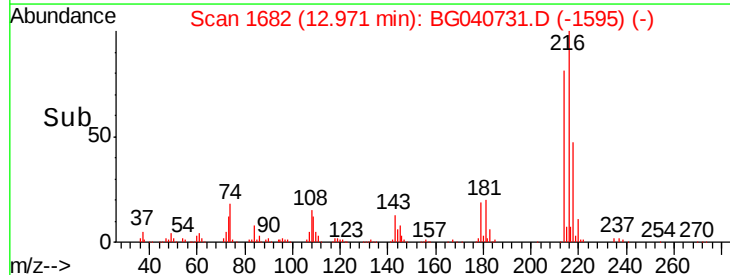
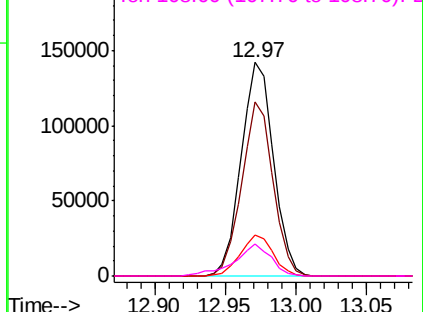
Abundance

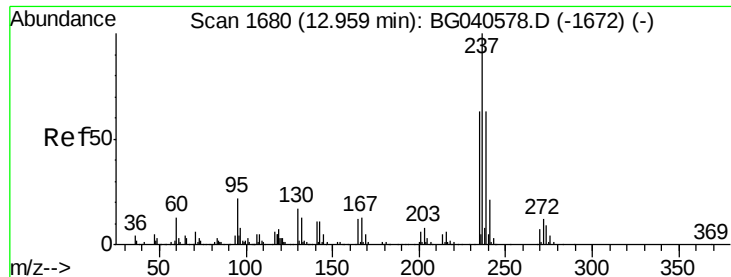
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.411 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

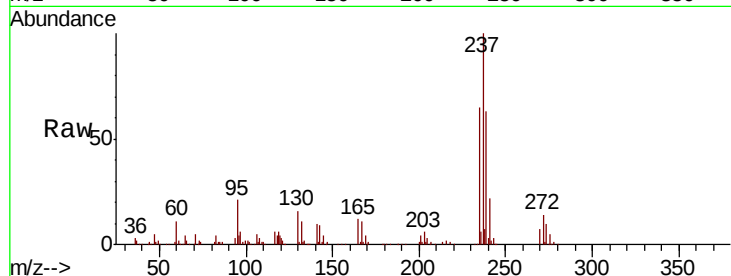
Tot Ion:237 Resp: 202078

Ion Ratio Lower Upper

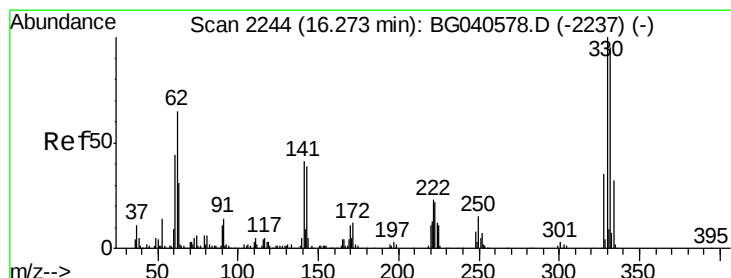
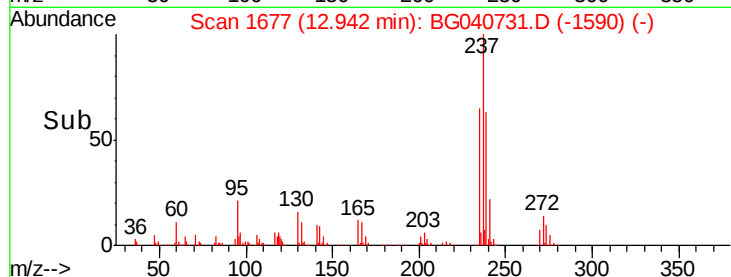
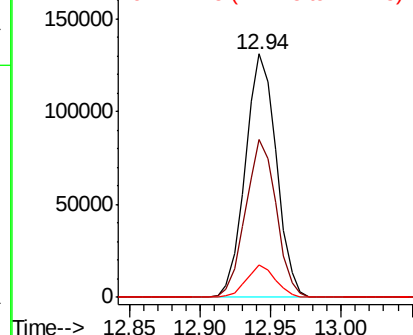
237 100

235 64.7 42.5 82.5

272 13.5 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 201.849 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

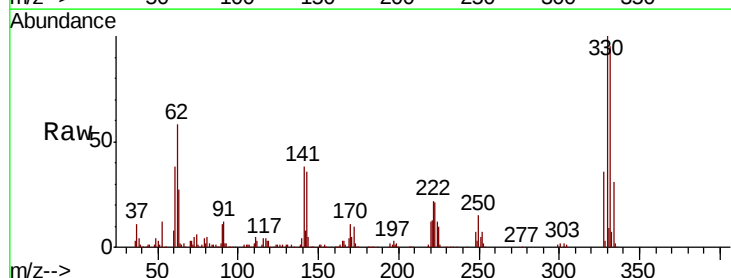
Tgt Ion:330 Resp: 325275

Ion Ratio Lower Upper

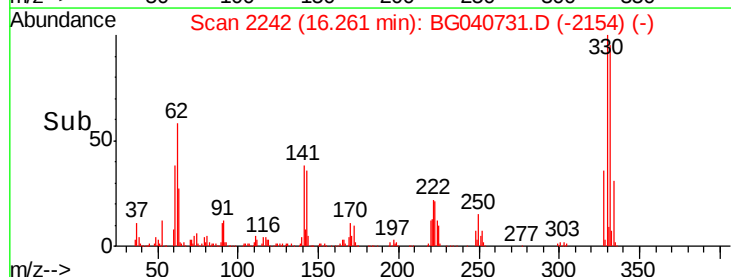
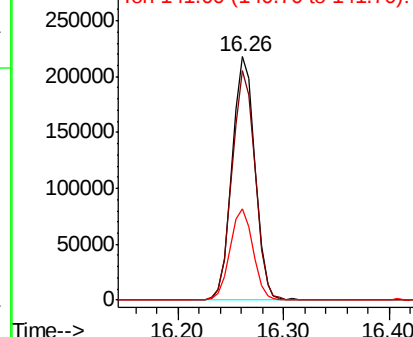
330 100

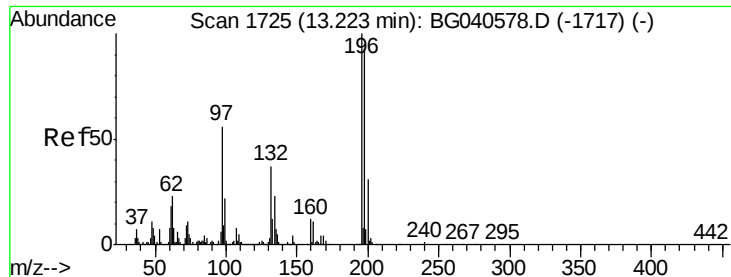
332 94.4 75.9 113.9

141 37.8 32.4 48.6



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

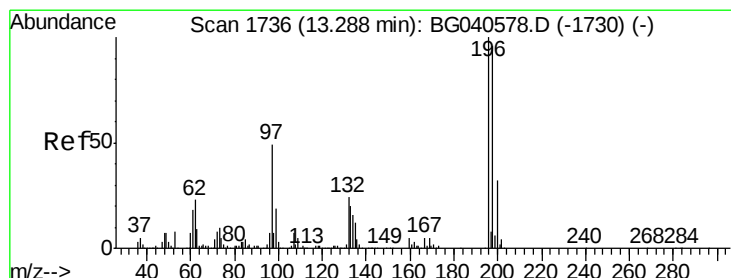
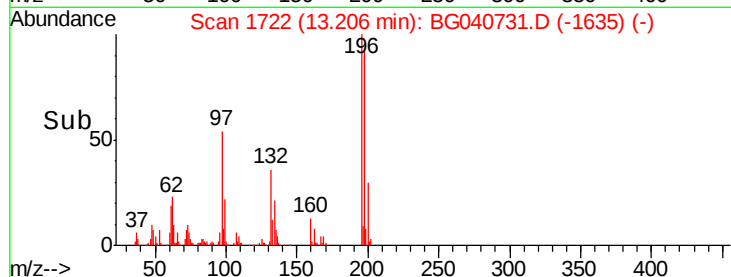
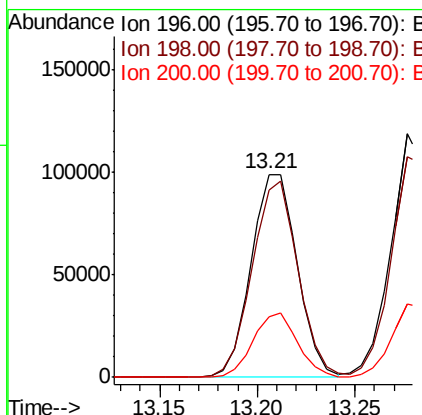
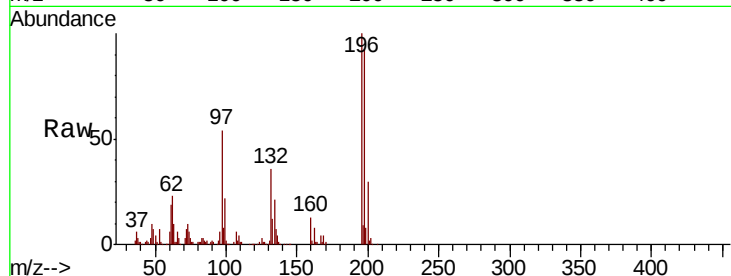




#43  
 2,4,6-Trichlorophenol  
 Concen: 61.433 ng  
 RT: 13.21 min Scan# 1722  
 Delta R.T. -0.02 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

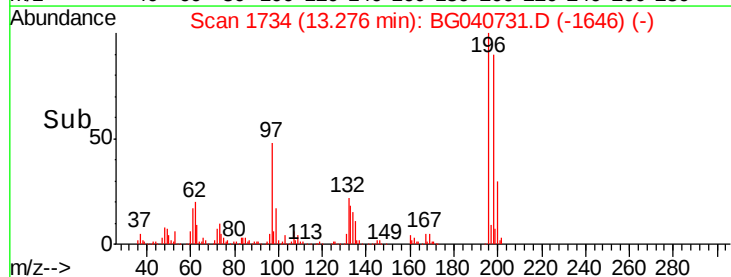
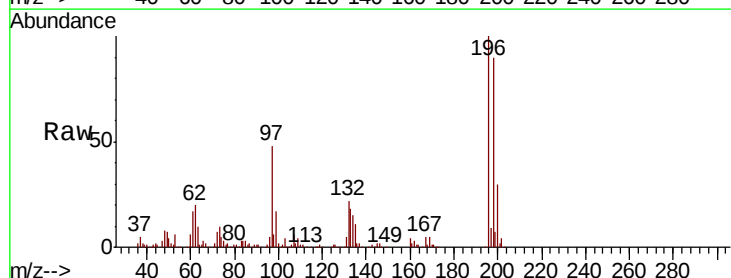
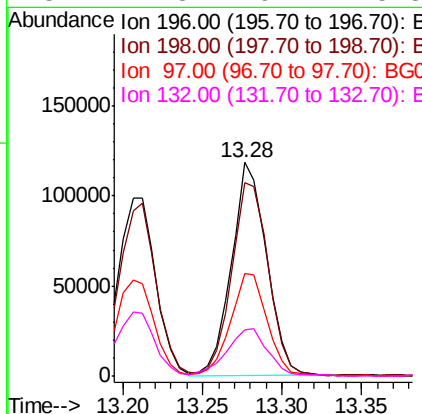
Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-050219-AMSD

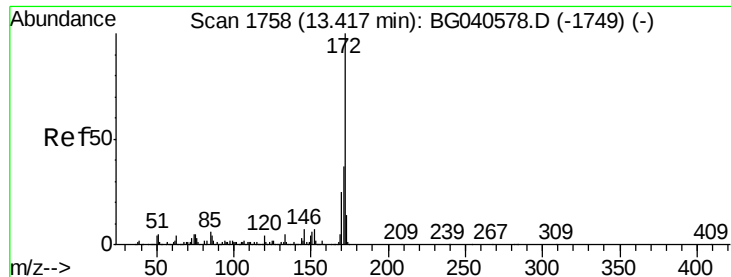
| Tot Ion   | 196   | Resp  | 162139 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 92.4  | 74.8  | 112.2  |
| 200       | 30.1  | 24.9  | 37.3   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 63.202 ng  
 RT: 13.28 min Scan# 1734  
 Delta R.T. -0.01 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

| Tgt Ion   | 196   | Resp  | 181714 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 90.5  | 77.0  | 115.6  |
| 97        | 47.9  | 40.0  | 60.0   |
| 132       | 21.8  | 19.2  | 28.8   |

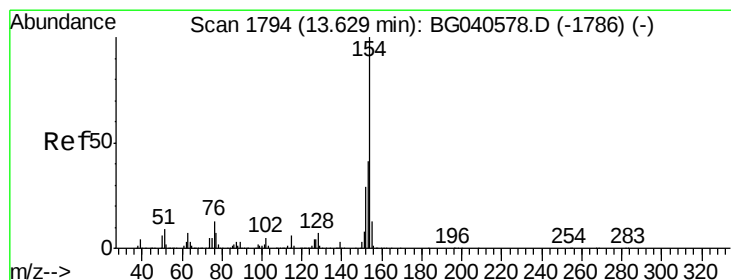
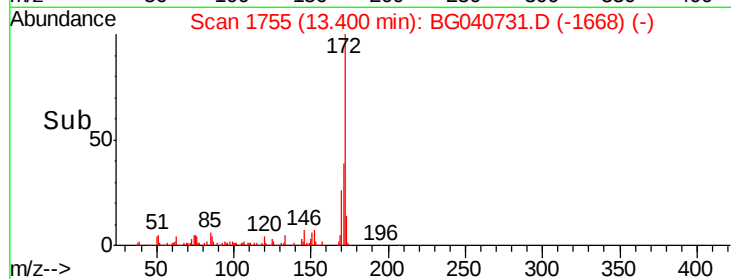
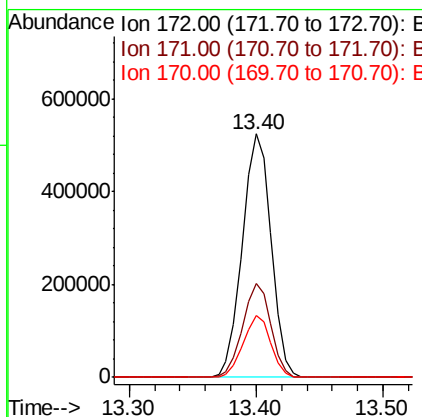
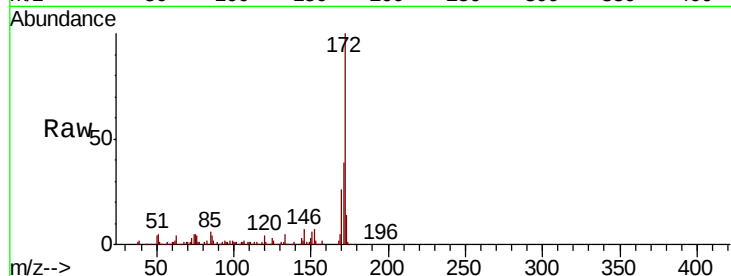




#45  
2-Fluorobiphenyl  
Concen: 101.690 ng  
RT: 13.40 min Scan# 1755  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

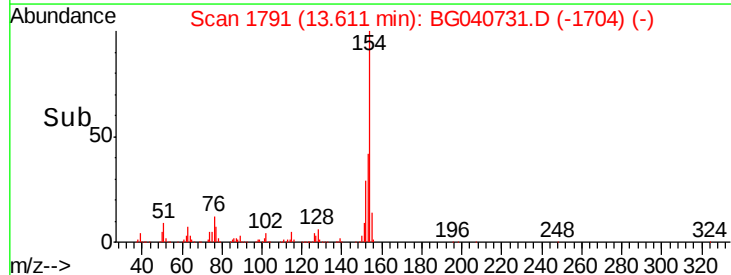
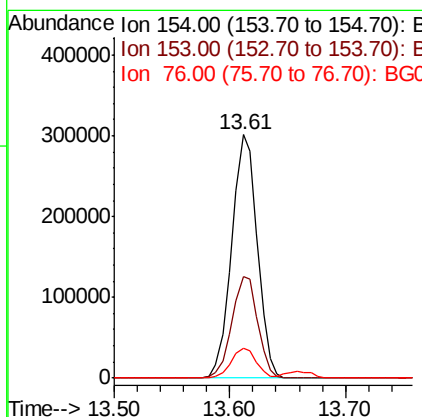
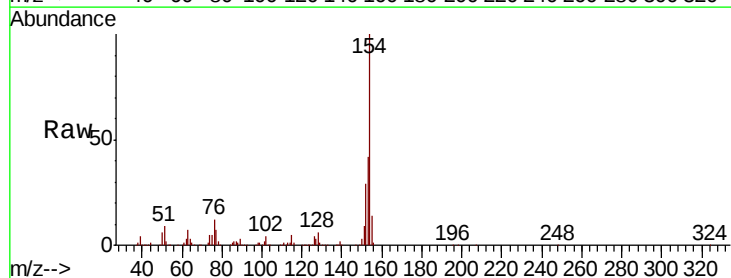
Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

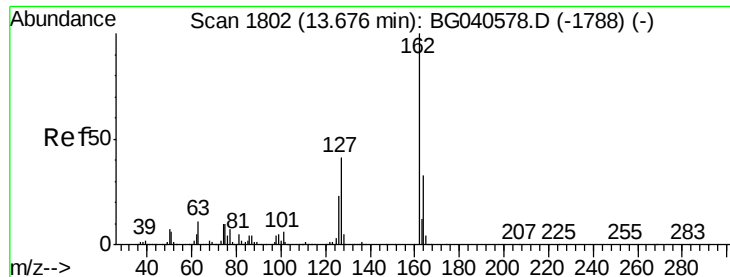
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.5  | 29.4  | 44.2  |
| 170     | 25.6  | 19.9  | 29.9  |



#46  
1,1'-Biphenyl  
Concen: 50.658 ng  
RT: 13.61 min Scan# 1791  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.9  | 20.5  | 60.5  |
| 76      | 12.0  | 0.0   | 32.5  |

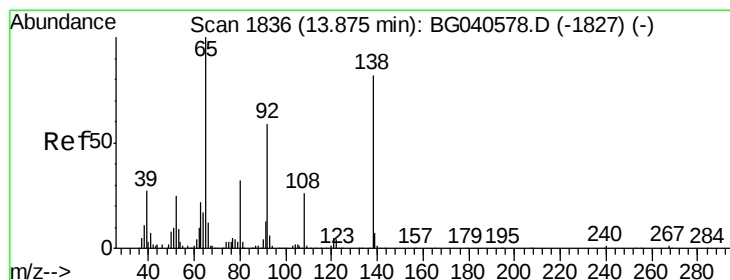
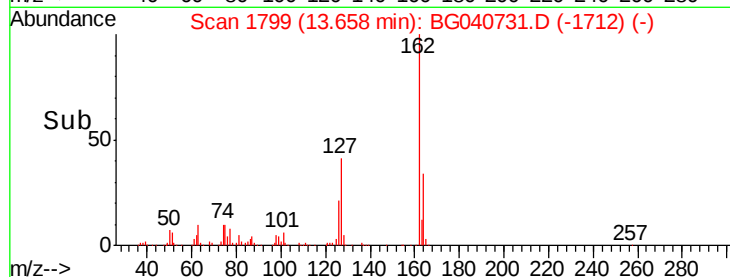
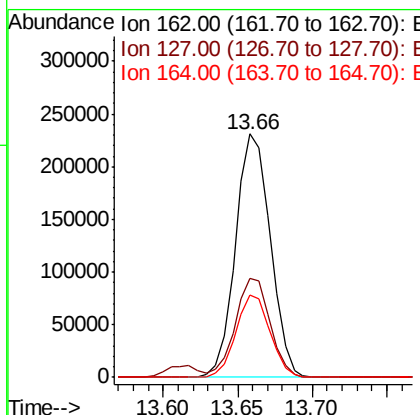
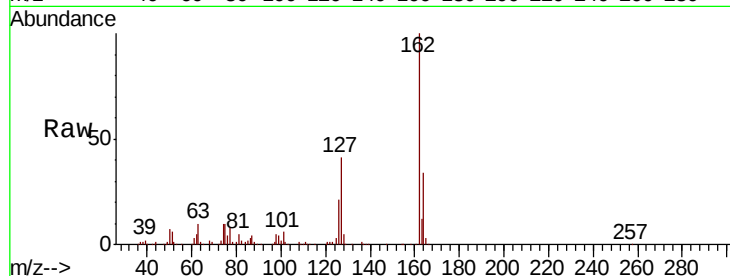




#47  
 2-Chloronaphthalene  
 Concen: 52.610 ng  
 RT: 13.66 min Scan# 1799  
 Delta R.T. -0.02 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

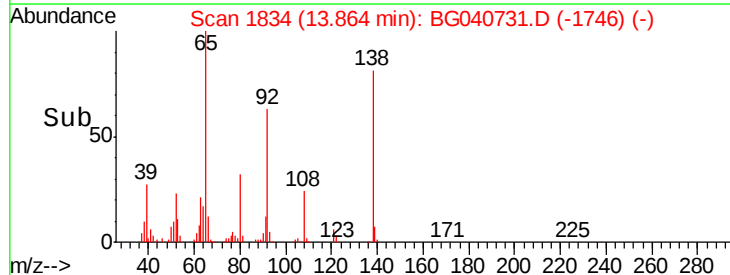
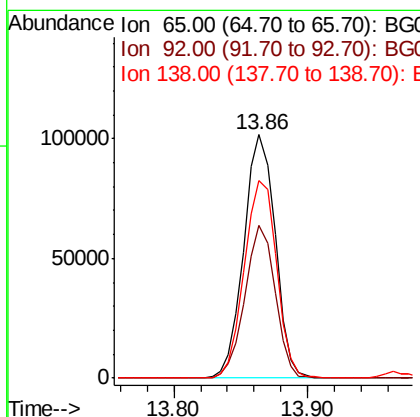
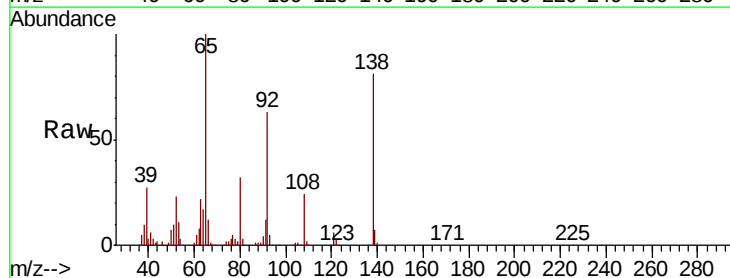
Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-050219-AMSD

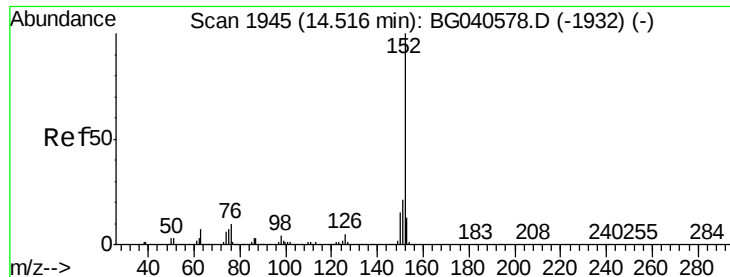
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.5  | 33.0  | 49.4  |
| 164     | 34.0  | 26.8  | 40.2  |



#48  
 2-Nitroaniline  
 Concen: 65.116 ng  
 RT: 13.86 min Scan# 1834  
 Delta R.T. -0.01 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 62.8  | 47.4  | 71.0  |
| 138     | 81.3  | 66.1  | 99.1  |





#49

Acenaphthylene

Concen: 51.652 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

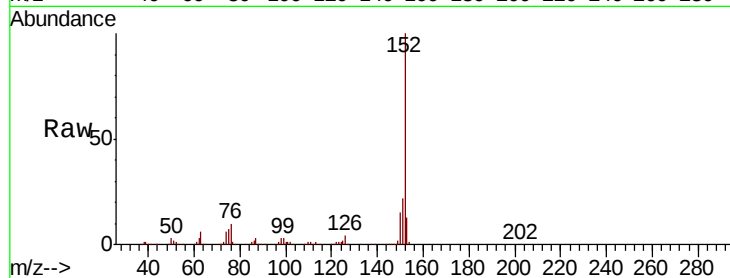
Tot Ion:152 Resp: 624261

Ion Ratio Lower Upper

152 100

151 22.1 17.2 25.8

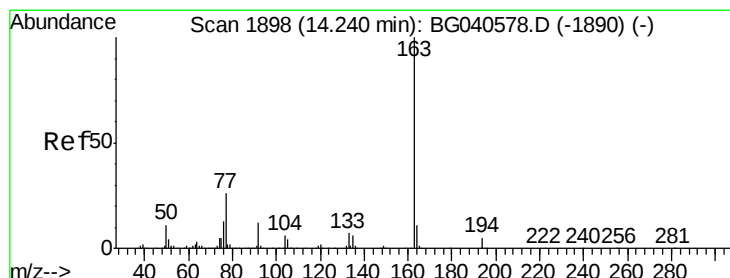
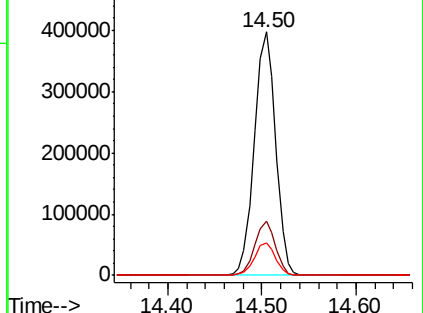
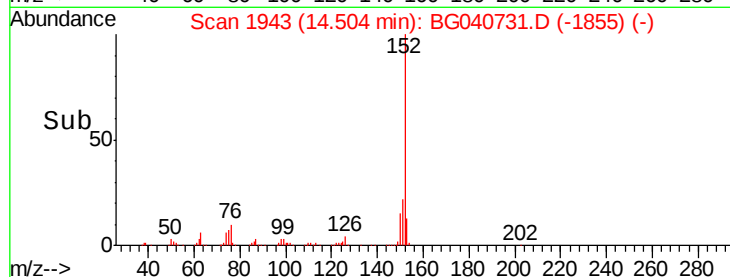
153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.645 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

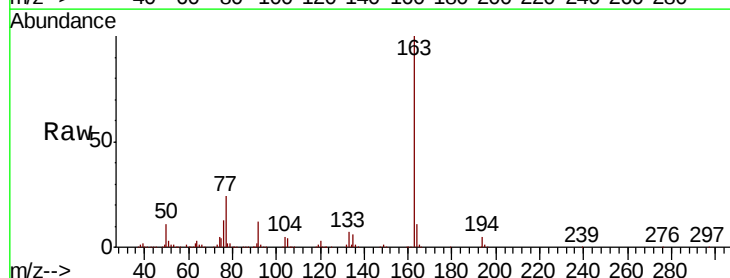
Tgt Ion:163 Resp: 555637

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

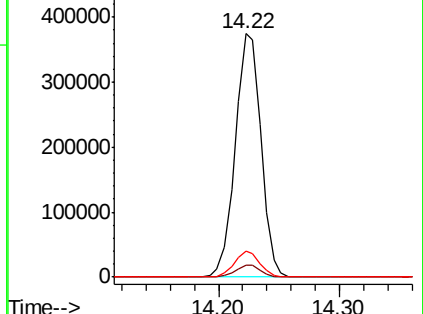
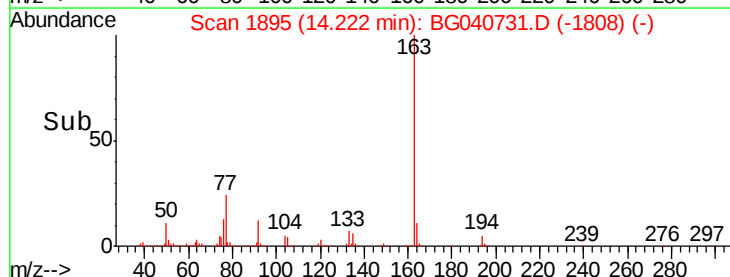
164 10.5 8.8 13.2

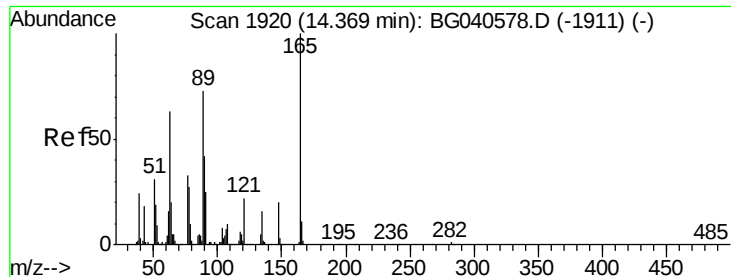


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

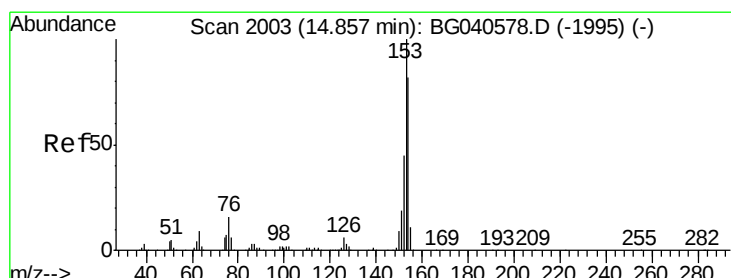
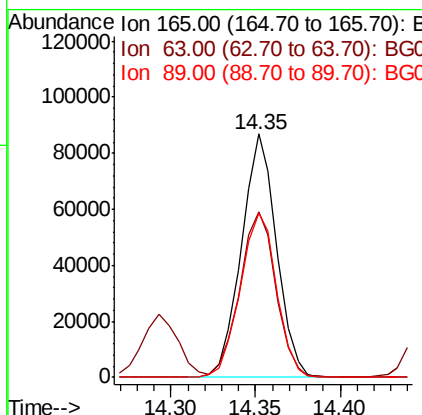
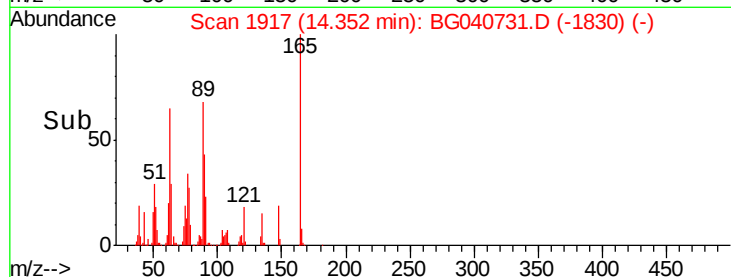
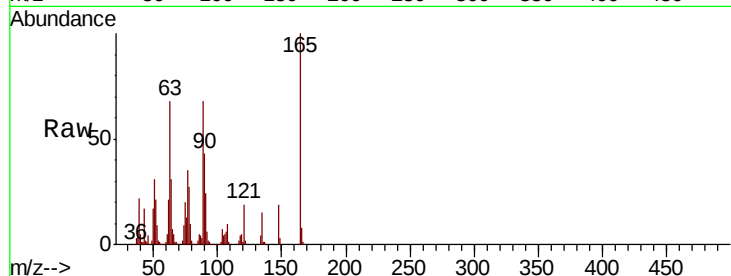




#51  
2,6-Dinitrotoluene  
Concen: 65.454 ng  
RT: 14.35 min Scan# 1917  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

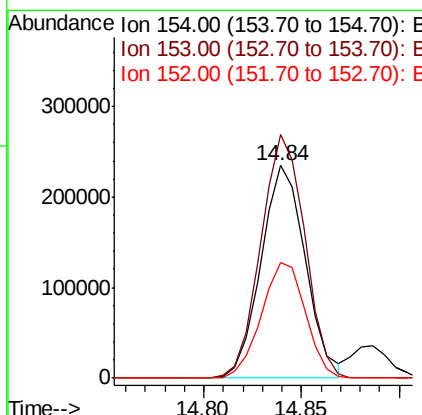
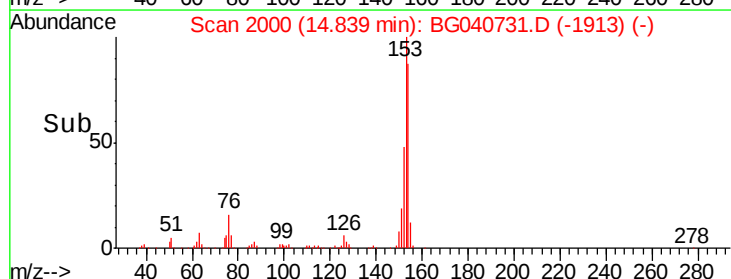
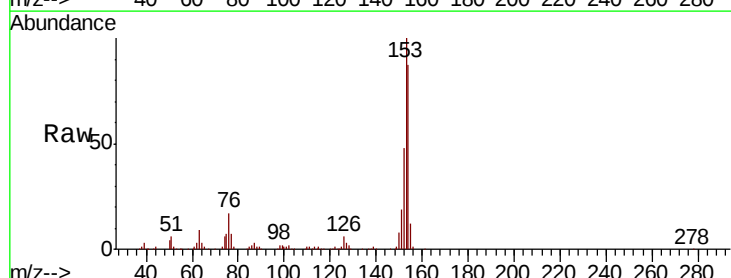
Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

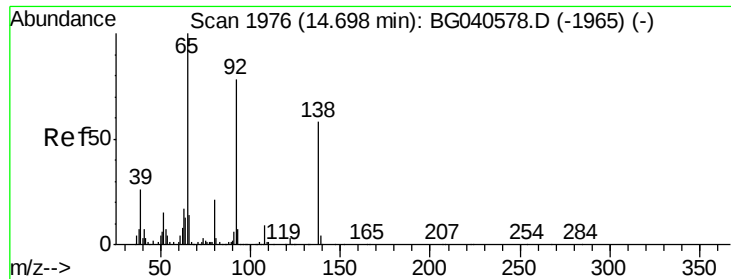
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 67.7  | 61.0  | 91.4  |
| 89      | 67.6  | 58.6  | 87.8  |



#52  
Acenaphthene  
Concen: 52.189 ng  
RT: 14.84 min Scan# 2000  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.7 | 97.0  | 145.6 |
| 152     | 54.6  | 44.1  | 66.1  |

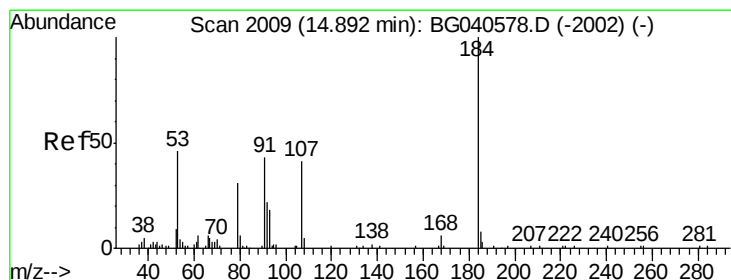
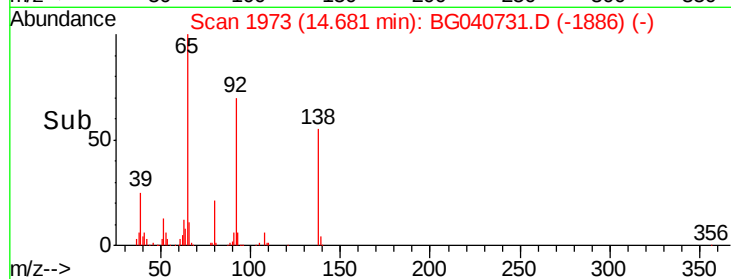
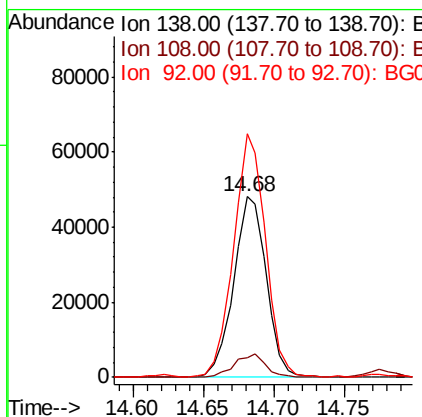
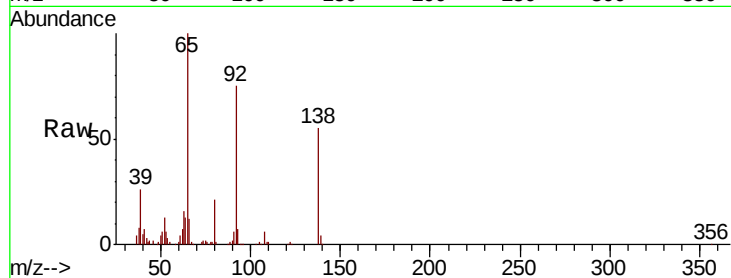




#53  
3-Nitroaniline  
Concen: 39.557 ng  
RT: 14.68 min Scan# 1973  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

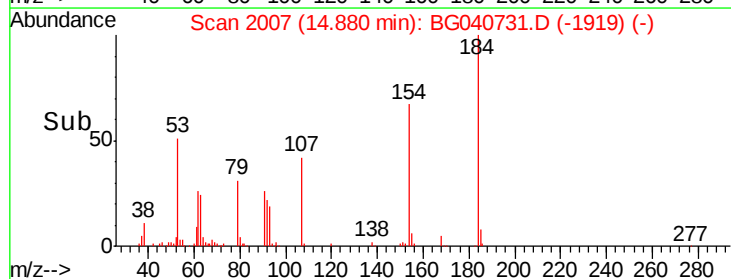
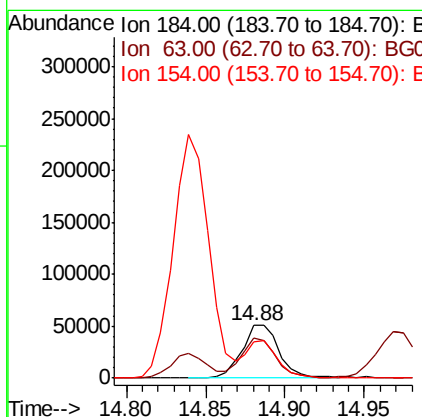
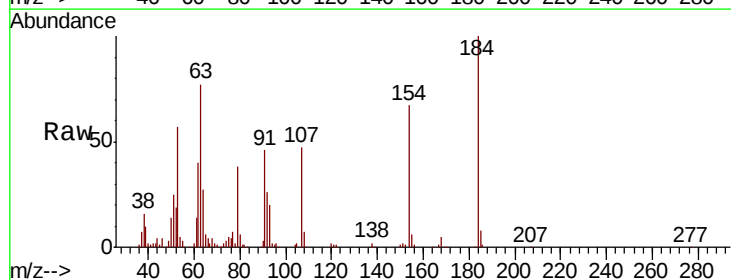
Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

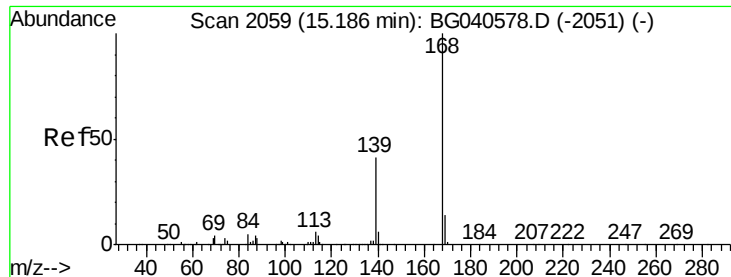
Tot Ion:138 Resp: 77593  
Ion Ratio Lower Upper  
138 100  
108 10.8 12.4 18.6#  
92 134.6 108.6 162.8



#54  
2,4-Dinitrophenol  
Concen: 76.511 ng  
RT: 14.88 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

Tgt Ion:184 Resp: 82249  
Ion Ratio Lower Upper  
184 100  
63 77.0 51.8 77.6  
154 67.5 43.6 65.4#





#55

Dibenzenofuran

Concen: 55.636 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

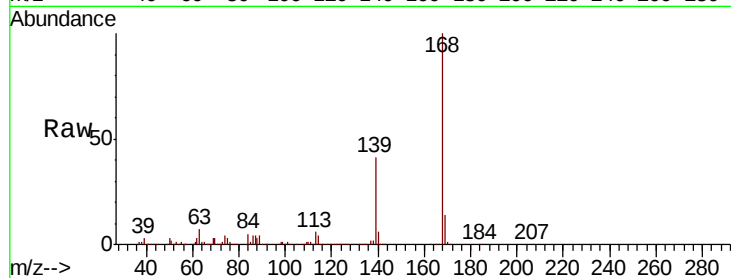
Tot Ion:168 Resp: 641401

Ion Ratio Lower Upper

168 100

139 41.4 33.0 49.4

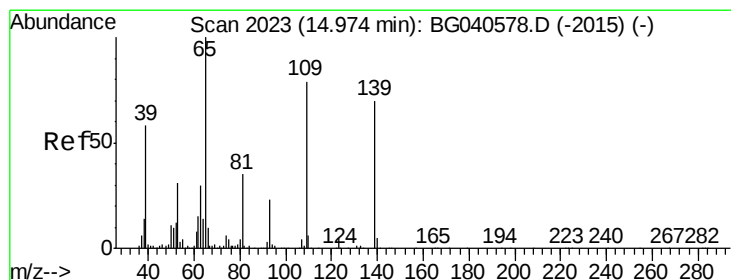
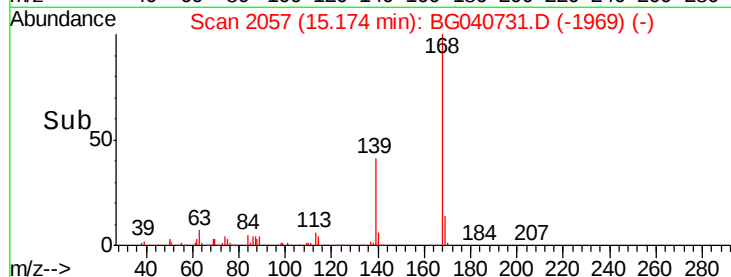
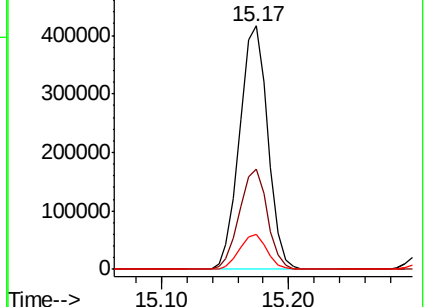
169 14.1 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 109.740 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

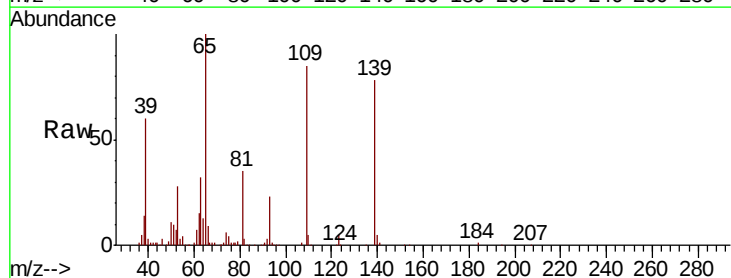
Tgt Ion:139 Resp: 186657

Ion Ratio Lower Upper

139 100

109 108.6 93.8 133.8

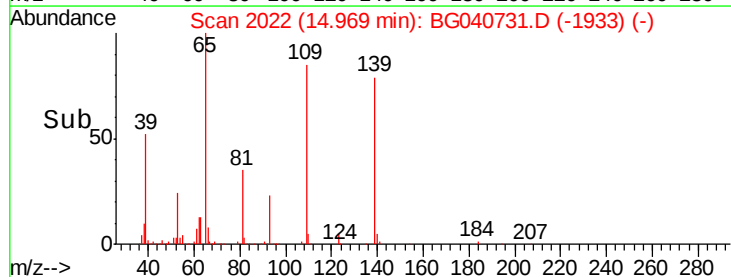
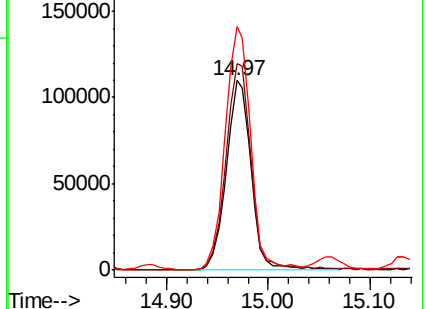
65 128.4 122.7 162.7

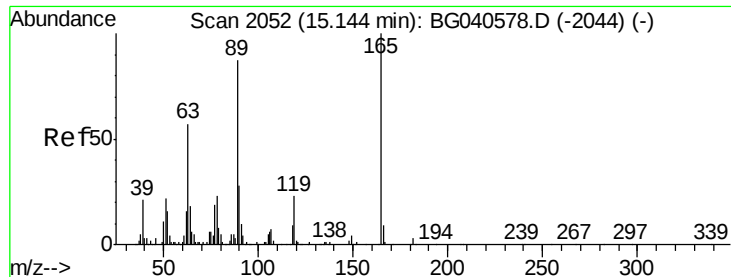


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

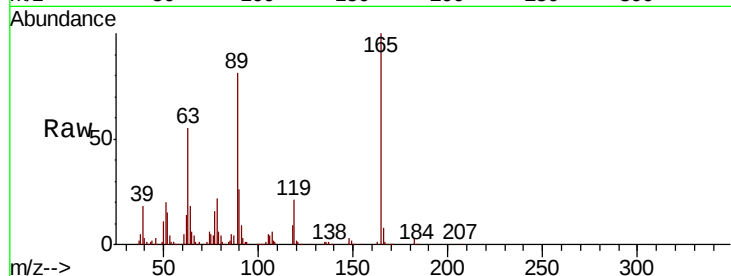




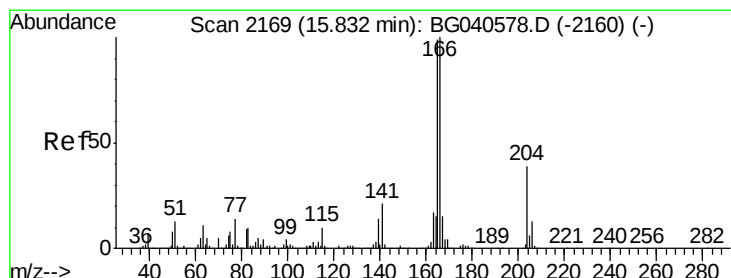
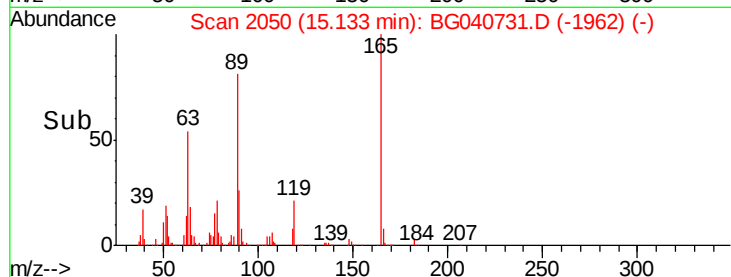
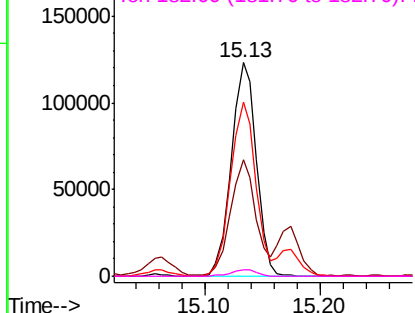
#57  
2,4-Dinitrotoluene  
Concen: 70.911 ng  
RT: 15.13 min Scan# 2050  
Delta R.T. -0.01 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 54.6  | 45.8  | 68.8  |
| 89      | 81.4  | 69.4  | 104.2 |
| 182     | 3.0   | 2.2   | 3.4   |

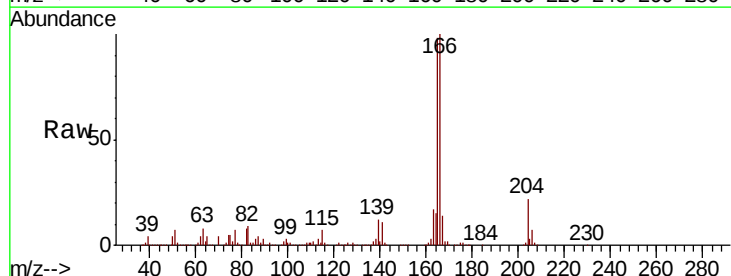


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG  
Ion 182.00 (181.70 to 182.70): E

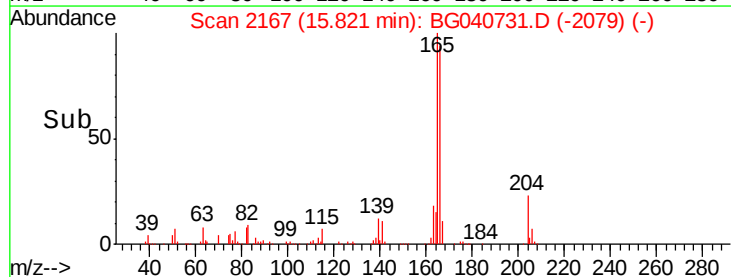
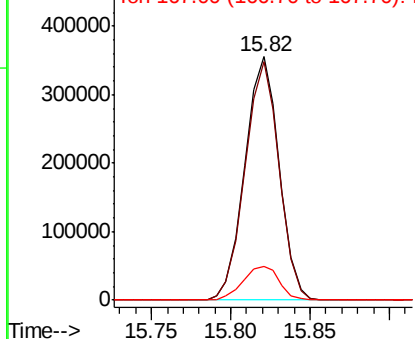


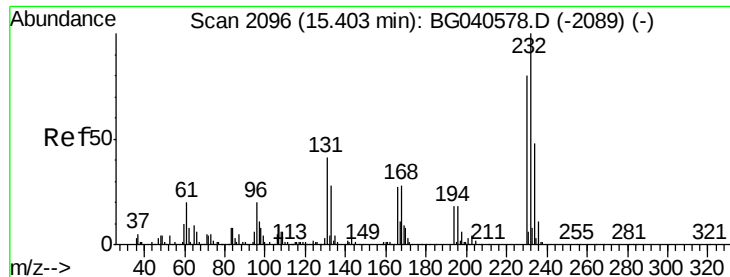
#58  
Fluorene  
Concen: 57.128 ng  
RT: 15.82 min Scan# 2167  
Delta R.T. -0.01 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.0  | 79.6  | 119.4 |
| 167     | 14.0  | 12.2  | 18.2  |



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

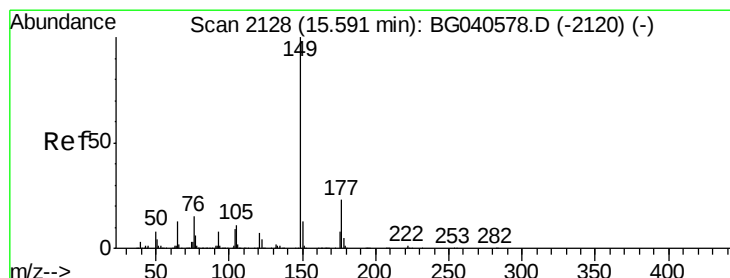
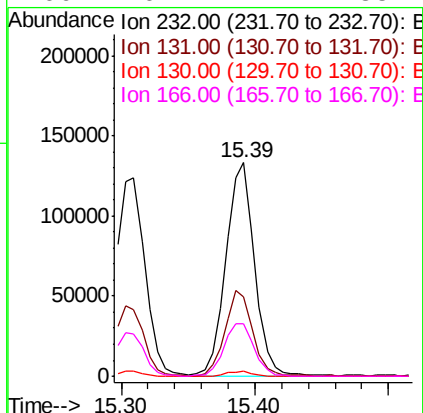
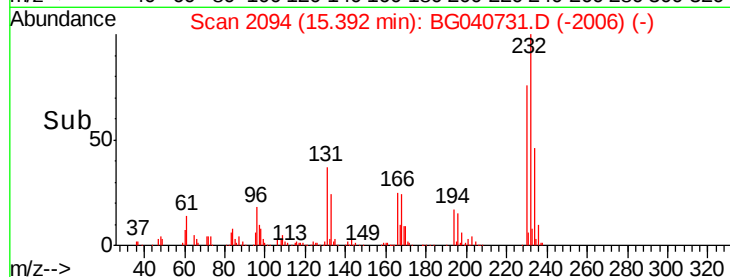
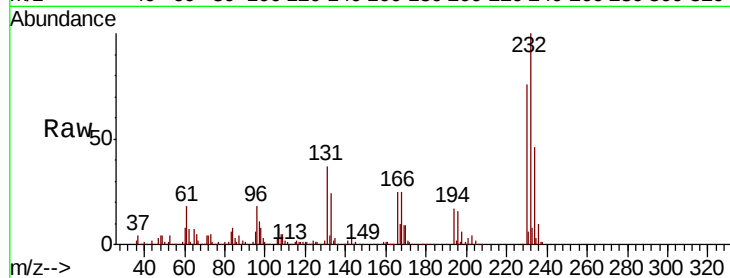




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 69.127 ng  
 RT: 15.39 min Scan# 2094  
 Delta R.T. -0.01 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

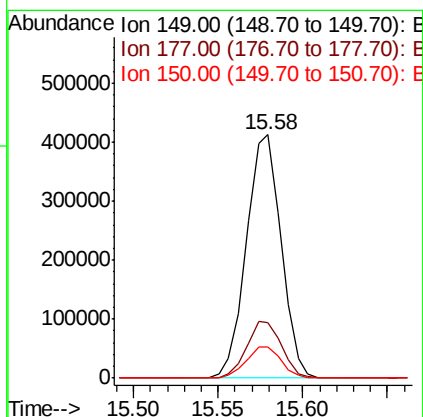
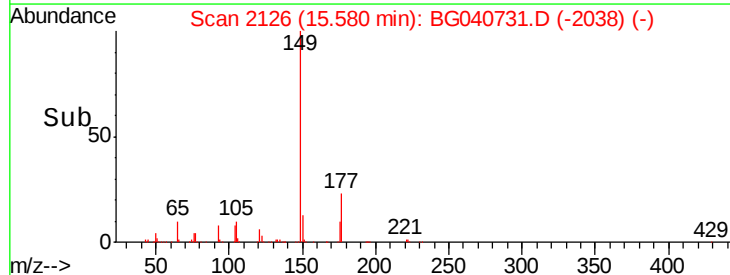
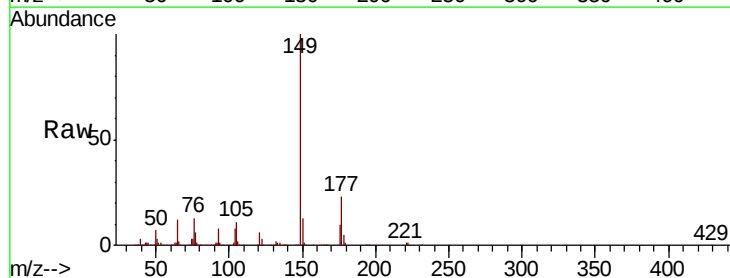
Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-050219-AMSD

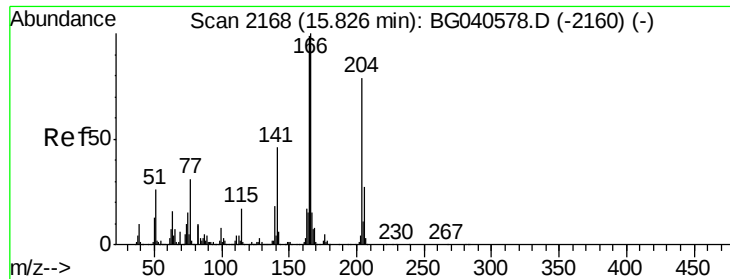
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 200041 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 38.4  | 33.0  | 49.4   |
| 130      | 2.2   | 2.0   | 3.0    |
| 166      | 26.1  | 22.1  | 33.1   |



#60  
 Diethylphthalate  
 Concen: 57.180 ng  
 RT: 15.58 min Scan# 2126  
 Delta R.T. -0.01 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 591786 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.9  | 18.5  | 27.7   |
| 150      | 12.8  | 10.2  | 15.4   |

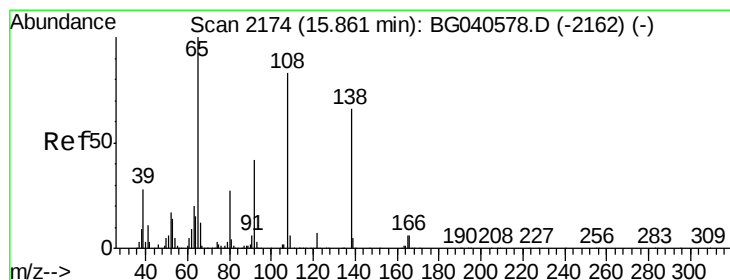
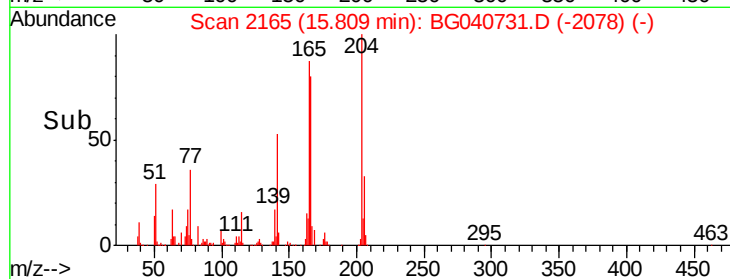
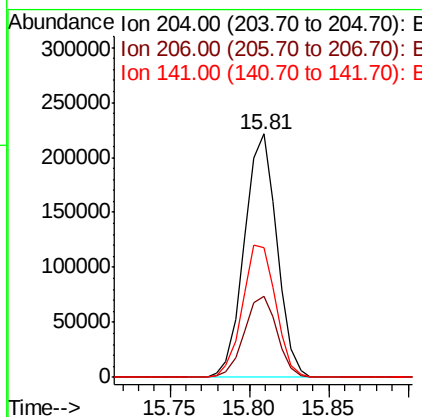
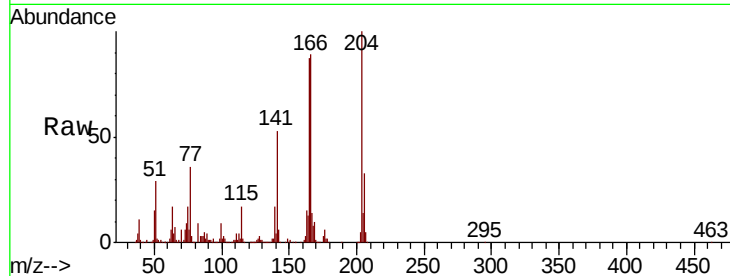




#61  
4-Chlorophenyl-phenylether  
Concen: 58.110 ng  
RT: 15.81 min Scan# 2165  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

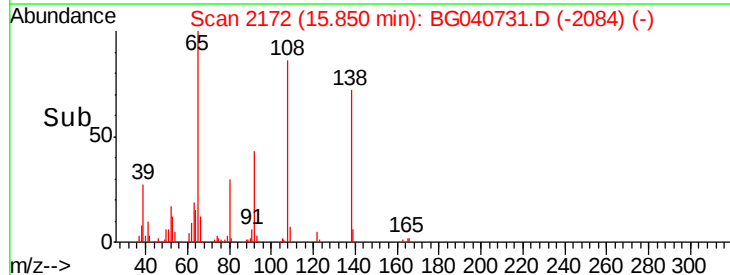
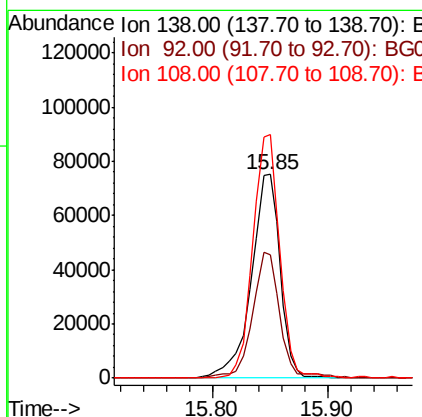
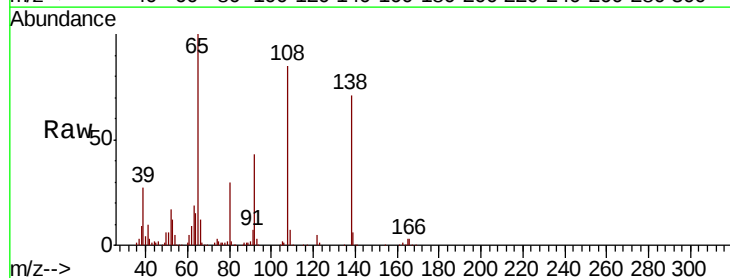
Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

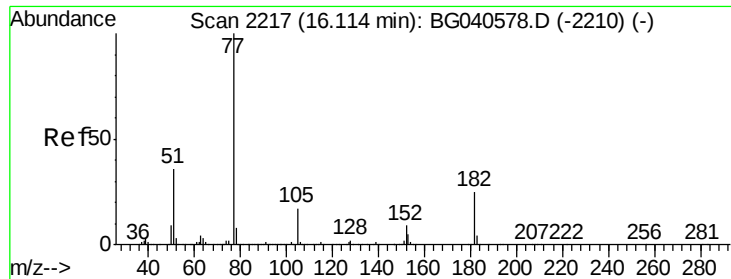
Tot Ion:204 Resp: 314919  
Ion Ratio Lower Upper  
204 100  
206 33.4 27.4 41.2  
141 53.5 46.0 69.0



#62  
4-Nitroaniline  
Concen: 59.860 ng  
RT: 15.85 min Scan# 2172  
Delta R.T. -0.01 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

Tgt Ion:138 Resp: 131347  
Ion Ratio Lower Upper  
138 100  
92 60.6 43.9 83.9  
108 119.6 106.5 146.5





#63

Azobenzene

Concen: 53.932 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

Tot Ion: 77 Resp: 574832

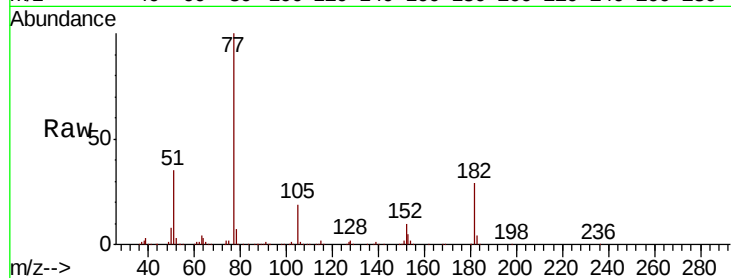
Ion Ratio Lower Upper

77 100

182 28.6 5.0 45.0

105 18.9 0.0 37.6

51 35.1 16.3 56.3

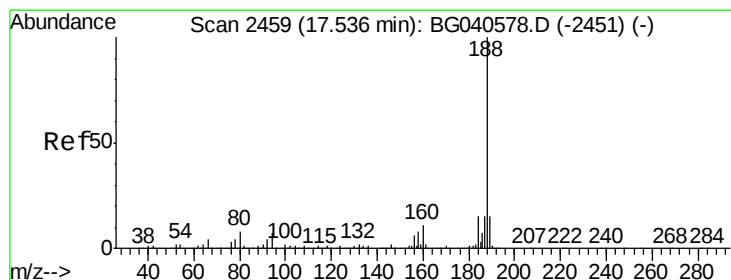
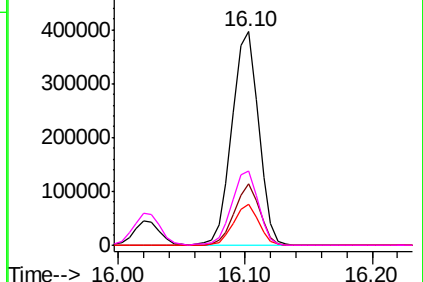
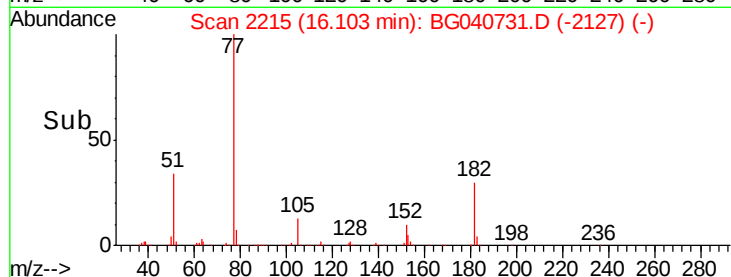


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

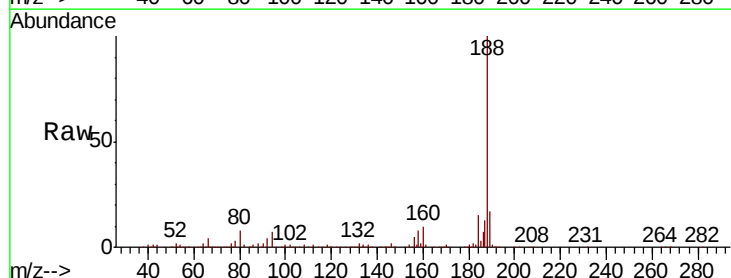
Tgt Ion: 188 Resp: 328790

Ion Ratio Lower Upper

188 100

94 7.2 5.6 8.4

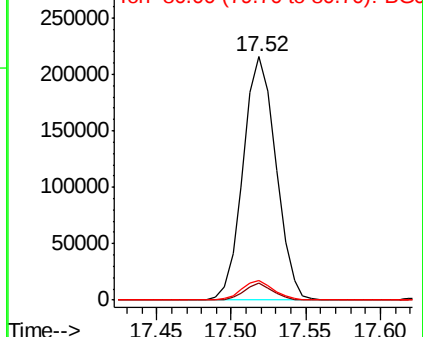
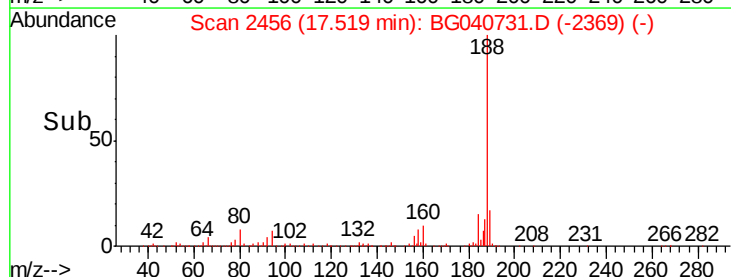
80 8.2 6.4 9.6

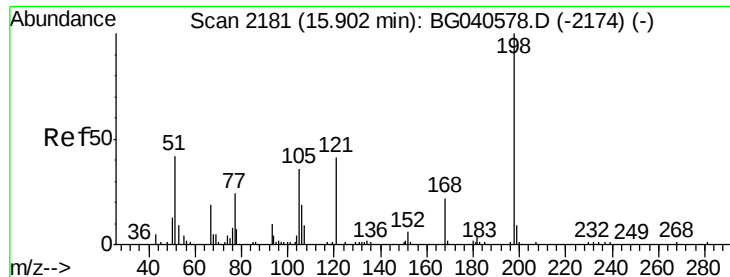


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

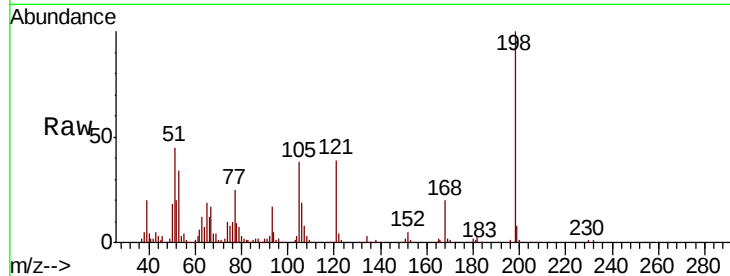




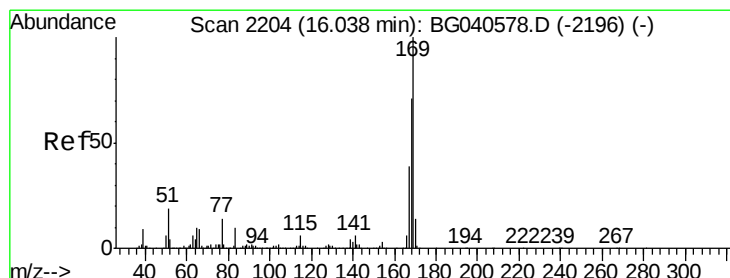
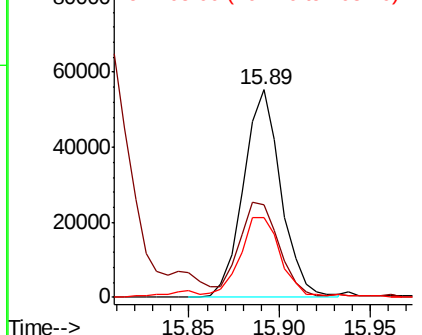
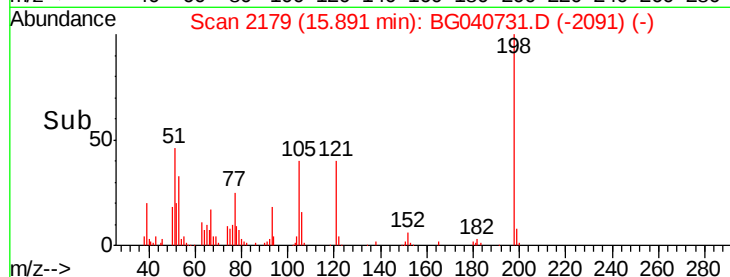
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 48.973 ng  
 RT: 15.89 min Scan# 2179  
 Delta R.T. -0.01 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-050219-AMSD

| Tot Ion   | 198  | Resp  | 79612 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 51        | 44.6 | 35.9  | 75.9  |
| 105       | 38.2 | 21.2  | 61.2  |

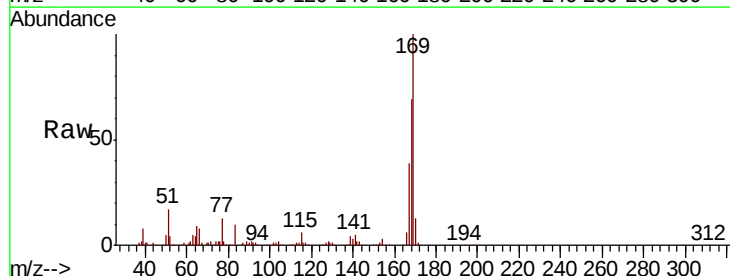


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

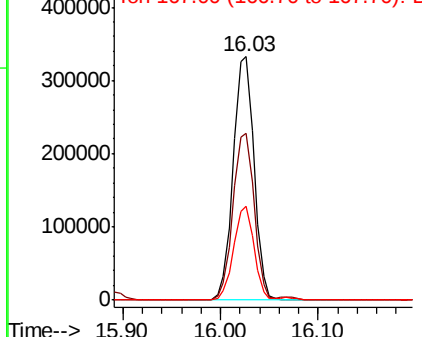
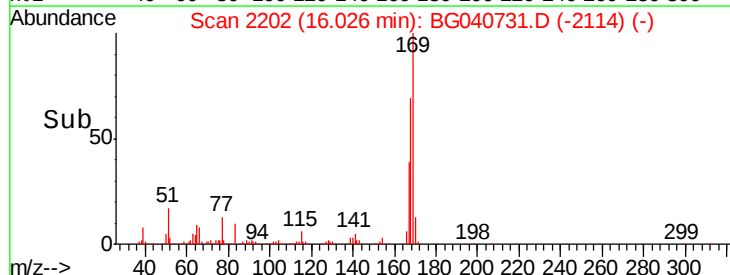


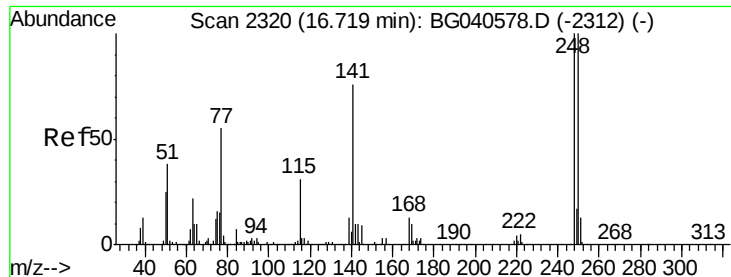
#66  
 n-Nitrosodiphenylamine  
 Concen: 51.026 ng  
 RT: 16.03 min Scan# 2202  
 Delta R.T. -0.01 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

| Tgt Ion   | 169  | Resp  | 493588 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 168       | 68.6 | 56.8  | 85.2   |
| 167       | 38.6 | 31.4  | 47.0   |



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

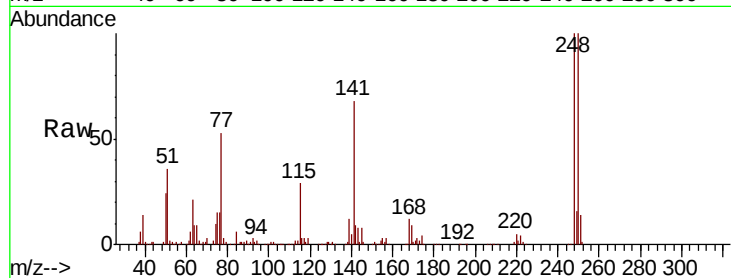




#67  
 4-Bromophenyl-phenylether  
 Concen: 52.474 ng  
 RT: 16.70 min Scan# 2317  
 Delta R.T. -0.02 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-050219-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 100.2 | 79.8  | 119.6 |
| 141     | 68.1  | 60.8  | 91.2  |

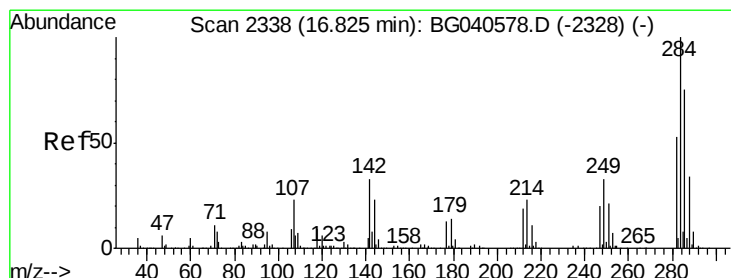
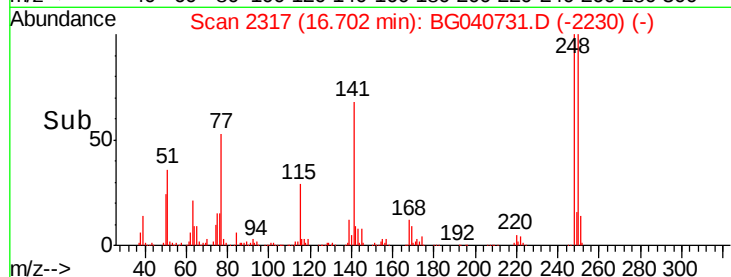
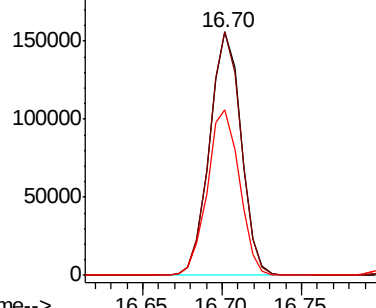


Abundance

Ion 248.00 (247.70 to 248.70): E

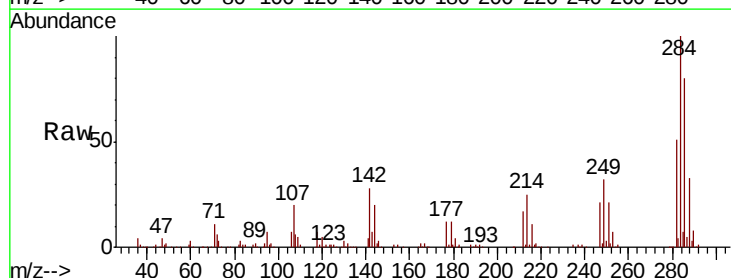
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 52.943 ng  
 RT: 16.81 min Scan# 2336  
 Delta R.T. -0.01 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.2  | 26.6  | 40.0  |
| 249     | 32.3  | 26.0  | 39.0  |

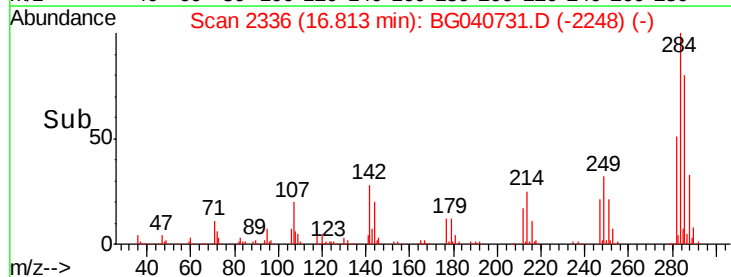
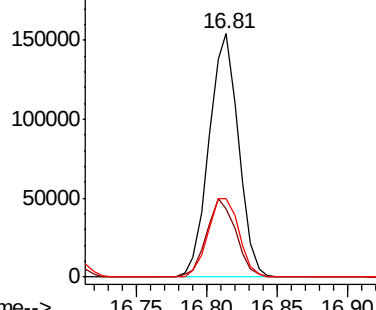


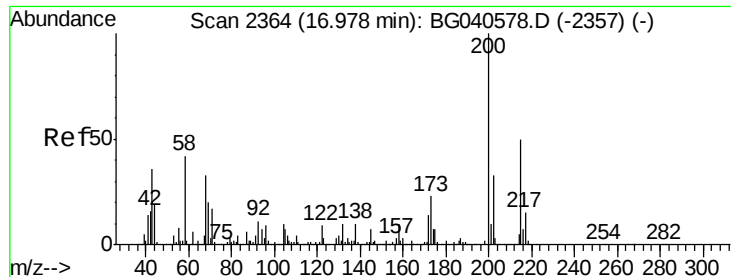
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 58.910 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

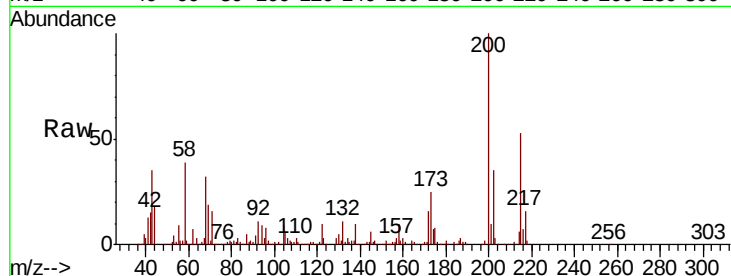
Tot Ion:200 Resp: 225774

Ion Ratio Lower Upper

200 100

173 24.9 2.8 42.8

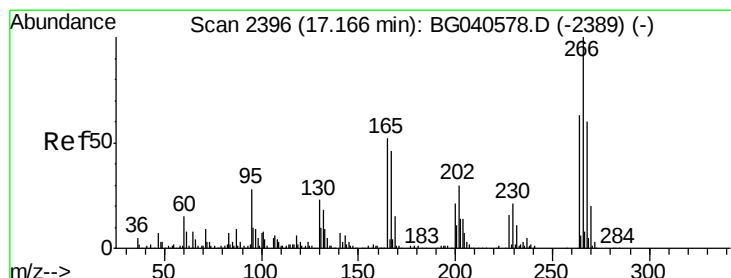
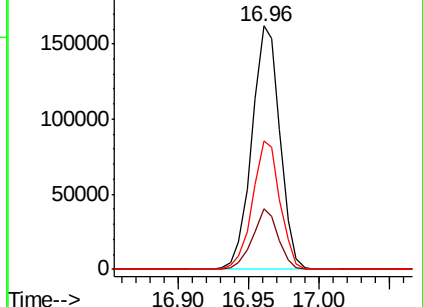
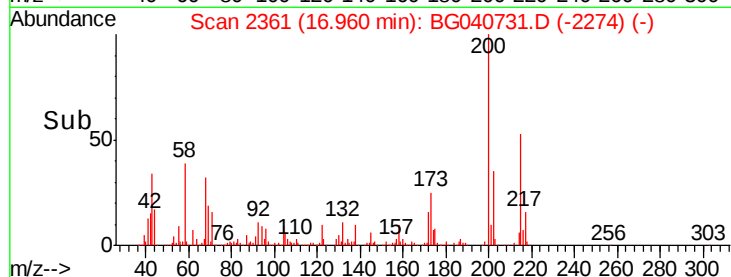
215 52.7 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 101.615 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

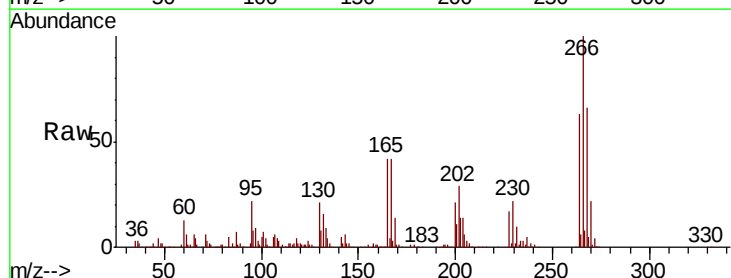
Tgt Ion:266 Resp: 251853

Ion Ratio Lower Upper

266 100

268 66.0 52.3 78.5

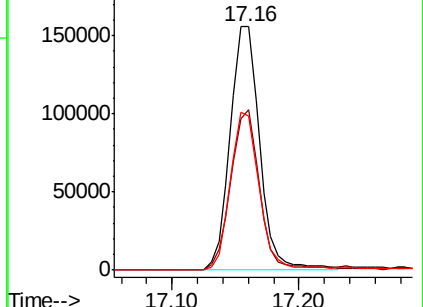
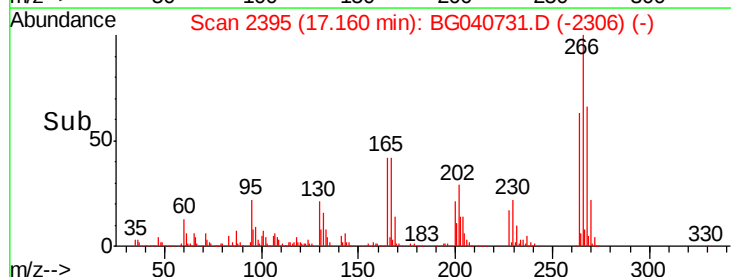
264 63.2 50.0 75.0

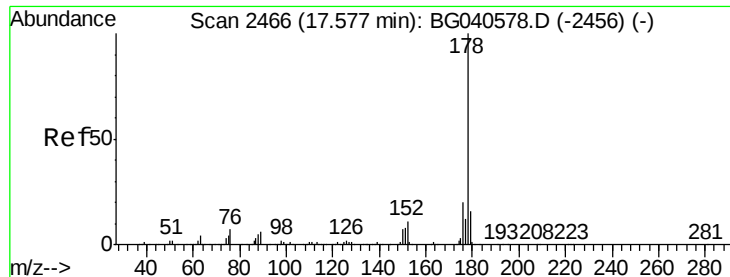


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

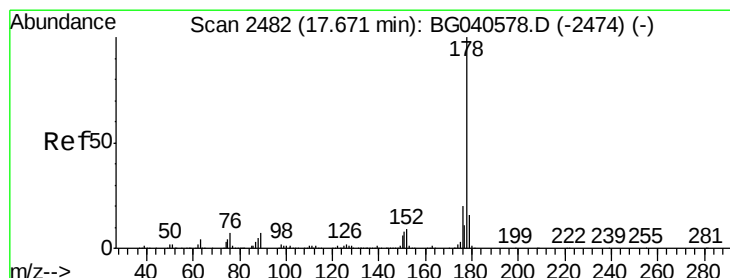
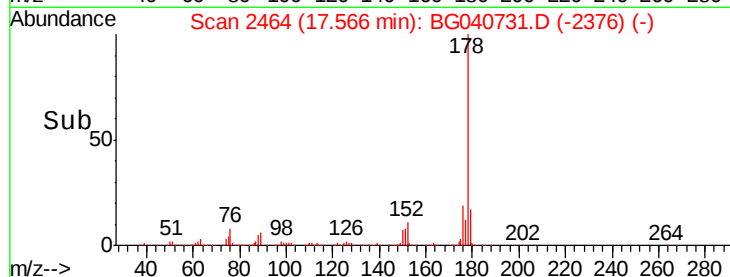
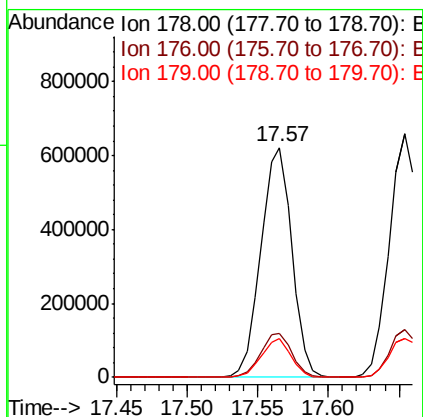
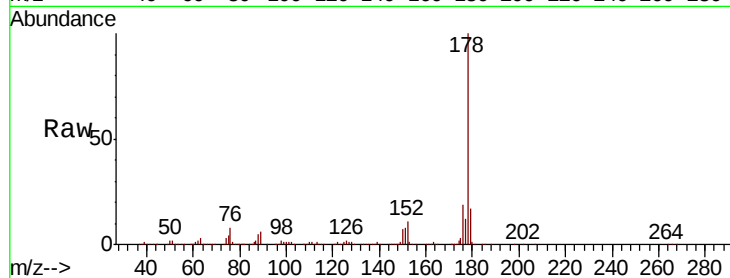




#71  
Phenanthrene  
Concen: 54.230 ng  
RT: 17.57 min Scan# 2464  
Delta R.T. -0.01 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

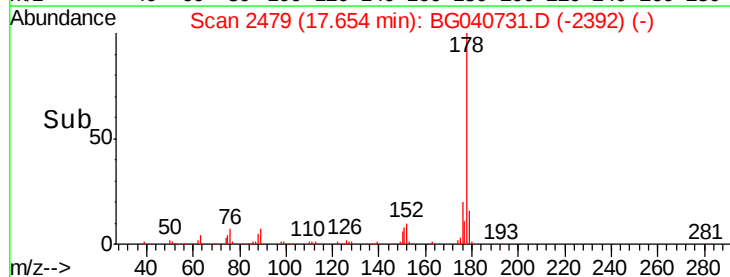
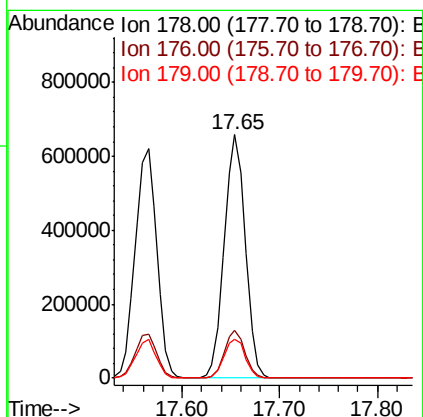
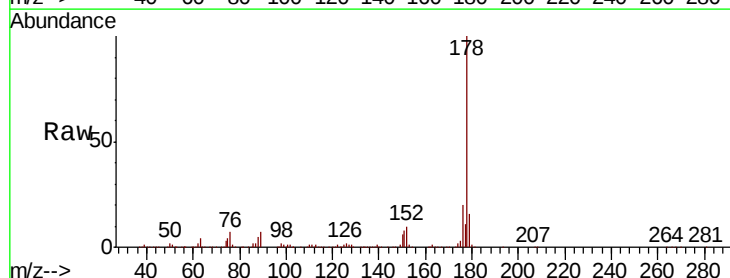
Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

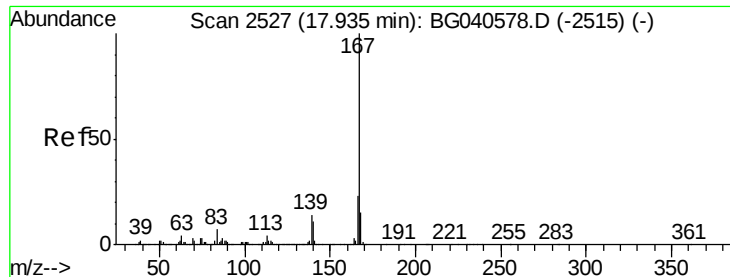
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.8  | 23.6  |
| 179     | 16.9  | 12.6  | 18.8  |



#72  
Anthracene  
Concen: 55.260 ng  
RT: 17.65 min Scan# 2479  
Delta R.T. -0.02 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 15.6  | 23.4  |
| 179     | 16.1  | 12.9  | 19.3  |

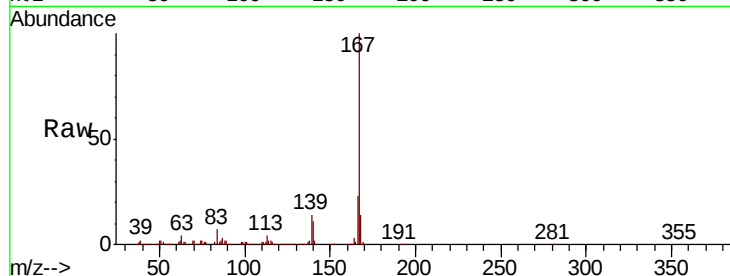




#73  
 Carbazole  
 Concen: 53.560 ng  
 RT: 17.92 min Scan# 2525  
 Delta R.T. -0.01 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

Instrument :  
 BNA\_G  
 ClientSampleId :  
 AU-05-050219-AMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.7  | 18.2  | 27.4  |
| 139     | 13.8  | 11.4  | 17.0  |

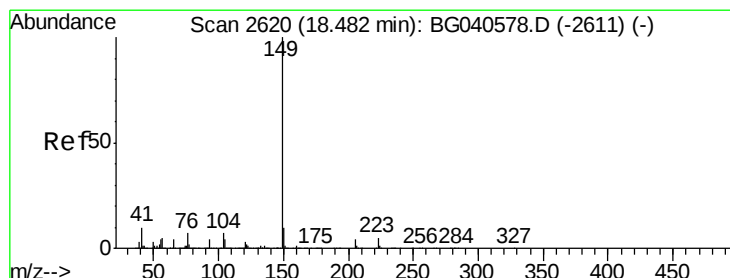
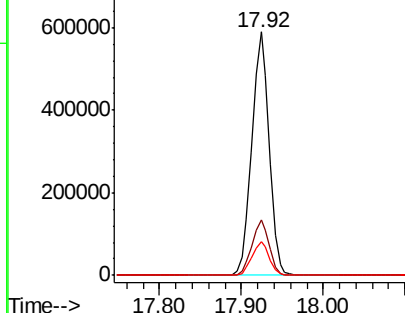
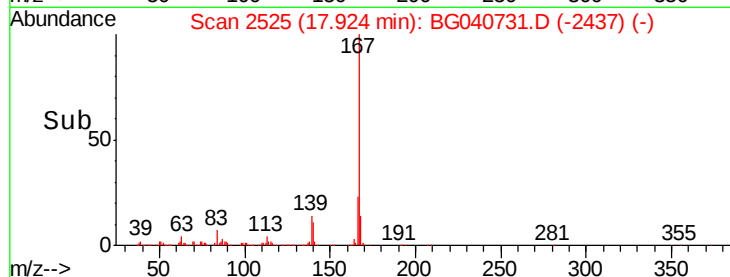


Abundance

Ion 167.00 (166.70 to 167.70): E

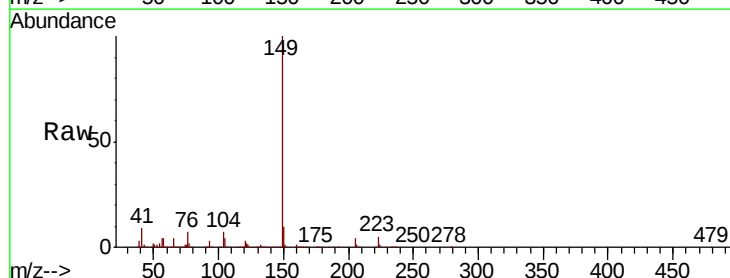
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74  
 Di-n-butylphthalate  
 Concen: 53.648 ng  
 RT: 18.46 min Scan# 2616  
 Delta R.T. -0.02 min  
 Lab File: BG040731.D  
 Acq: 3 May 2019 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.0  | 8.2   | 12.2  |
| 104     | 7.1   | 5.4   | 8.2   |

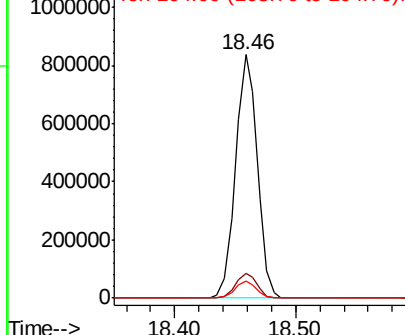
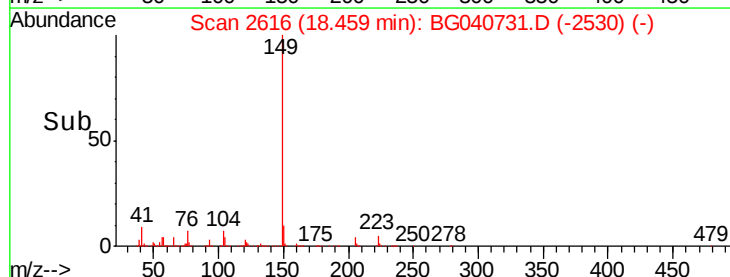


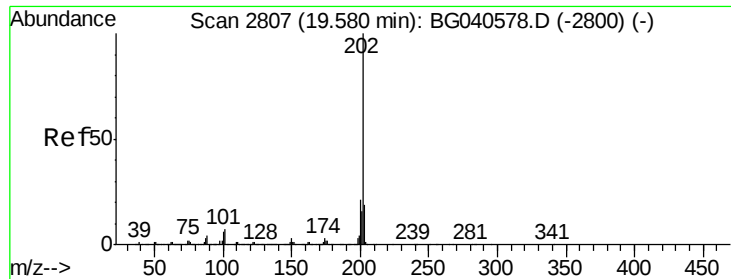
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 56.854 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

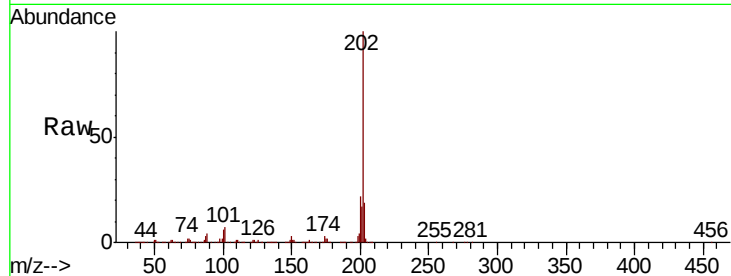
Tot Ion:202 Resp: 1254705

Ion Ratio Lower Upper

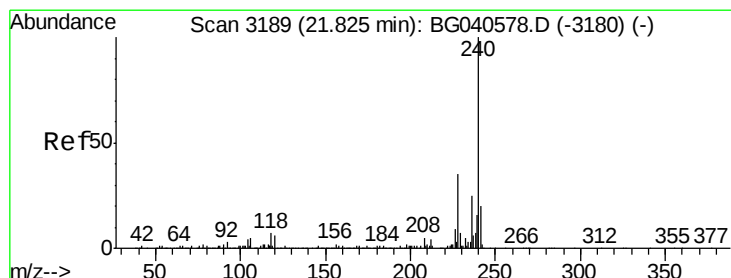
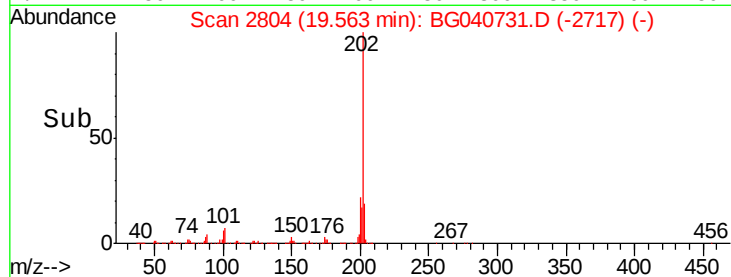
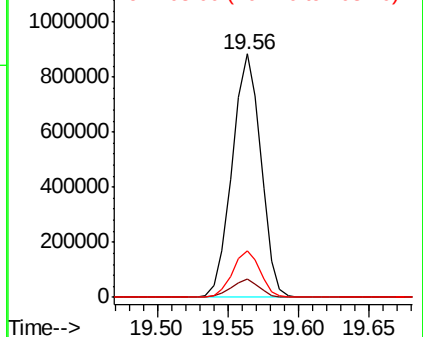
202 100

101 7.3 0.0 27.5

203 19.2 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

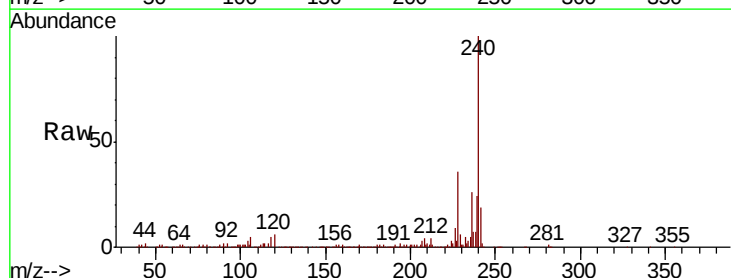
Tgt Ion:240 Resp: 332800

Ion Ratio Lower Upper

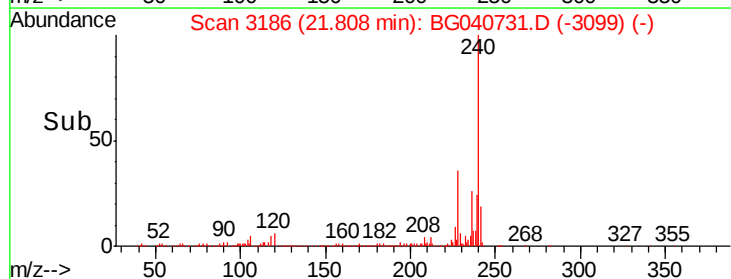
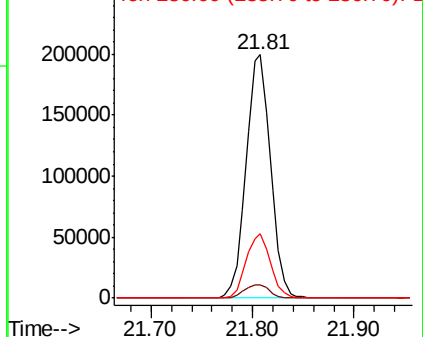
240 100

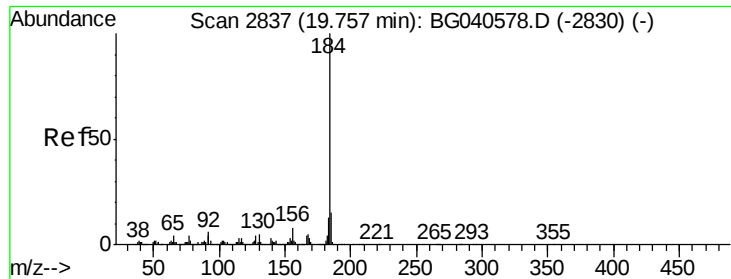
120 5.5 5.0 7.6

236 26.4 20.3 30.5



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





#77

Benzidine

Concen: 19.057 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

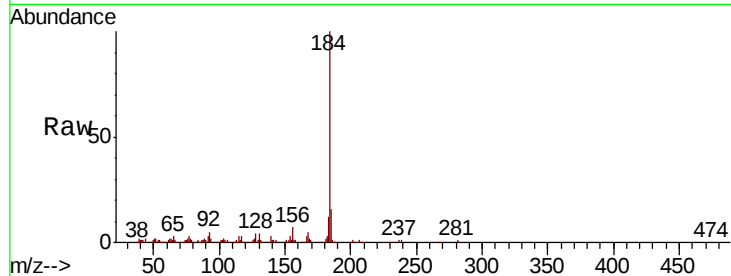
Tot Ion:184 Resp: 173650

Ion Ratio Lower Upper

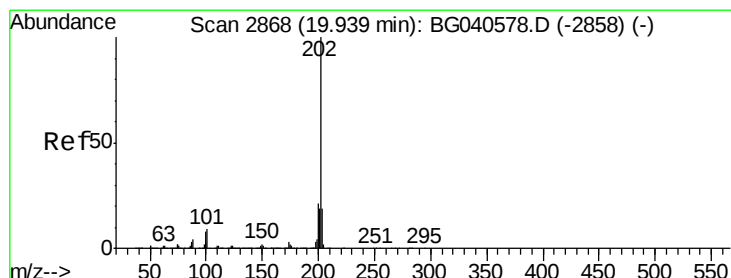
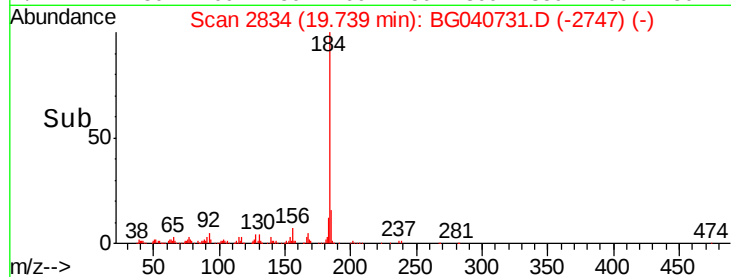
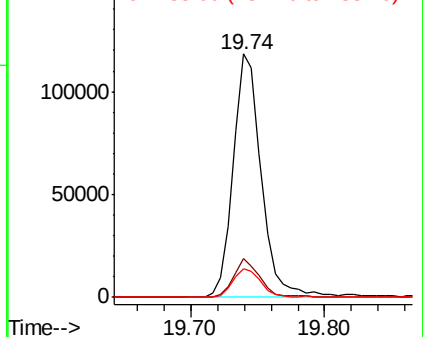
184 100

185 15.9 11.8 17.8

183 11.5 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 60.210 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

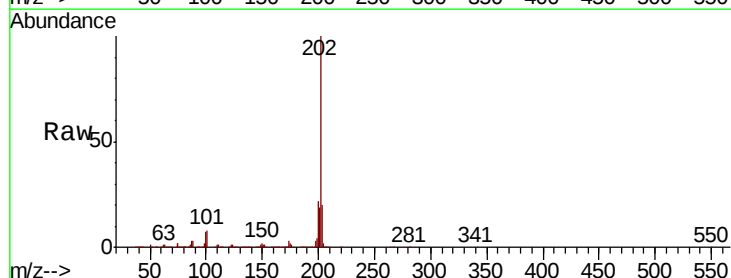
Tgt Ion:202 Resp: 1255892

Ion Ratio Lower Upper

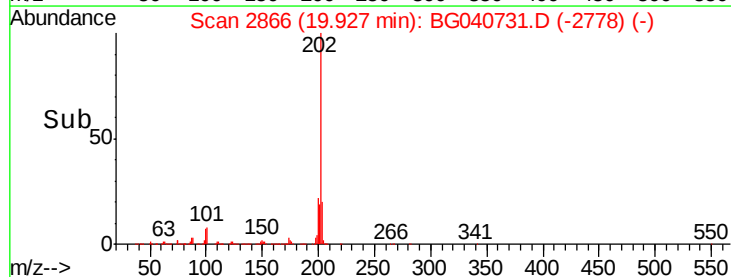
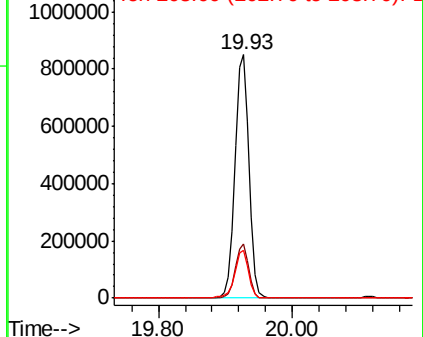
202 100

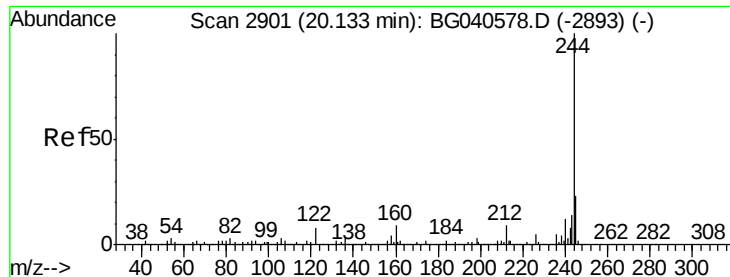
200 22.4 17.2 25.8

203 19.7 15.0 22.4



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





#79

Terphenyl-d14

Concen: 116.901 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

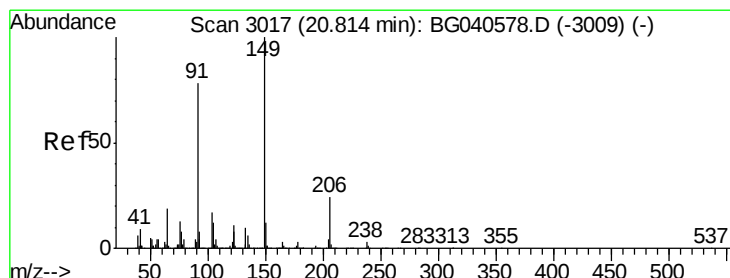
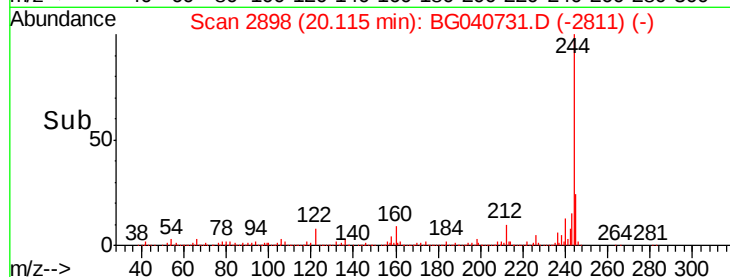
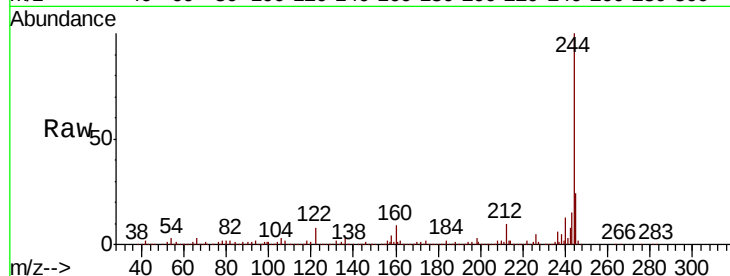
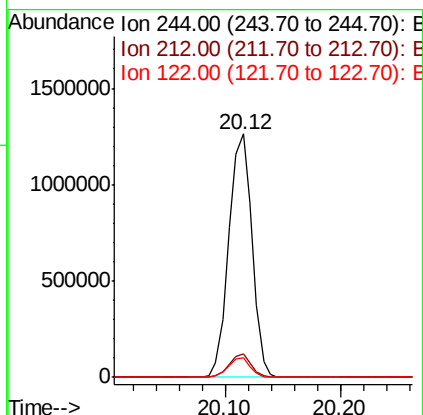
BNA\_G

ClientSampleId :

AU-05-050219-AMSD

Tot Ion:244 Resp: 1756077

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.8   | 7.2   | 10.8  |
| 122 | 7.9   | 6.6   | 10.0  |



#80

Butylbenzylphthalate

Concen: 59.675 ng

RT: 20.80 min Scan# 3014

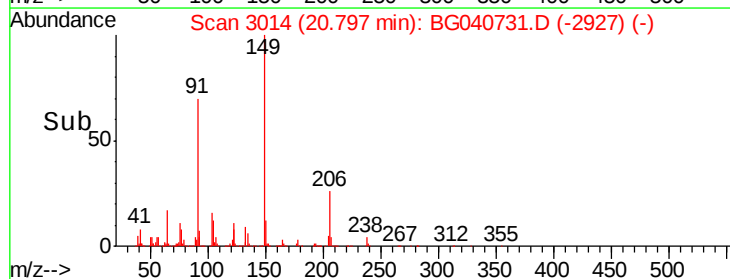
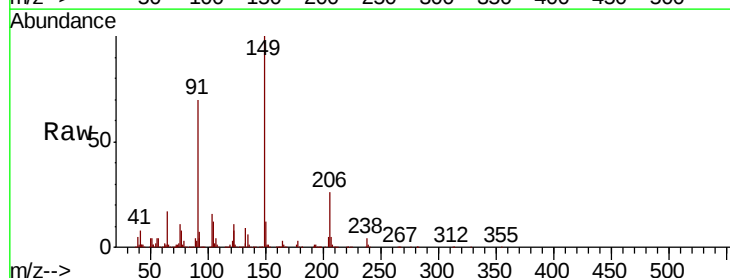
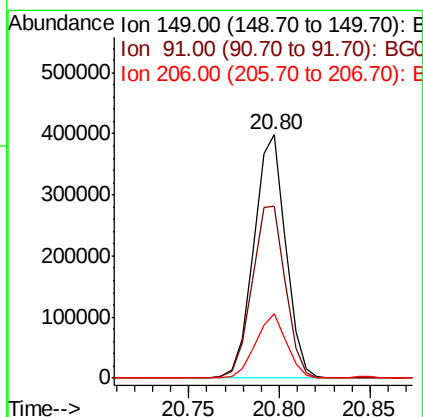
Delta R.T. -0.02 min

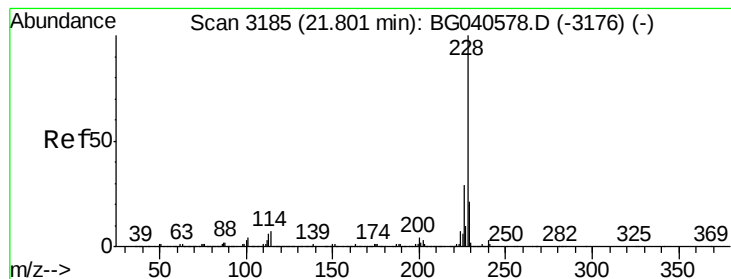
Lab File: BG040731.D

Acq: 3 May 2019 19:08

Tgt Ion:149 Resp: 485140

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 70.4  | 62.6  | 93.8  |
| 206 | 26.5  | 19.4  | 29.2  |





#81

Benzo(a)anthracene

Concen: 57.413 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

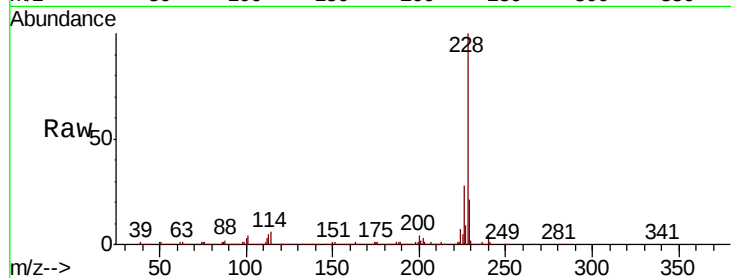
BNA\_G

ClientSampleId :

AU-05-050219-AMSD

Tot Ion:228 Resp: 1207580

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.2  | 23.1  | 34.7  |
| 229 | 20.6  | 17.0  | 25.4  |

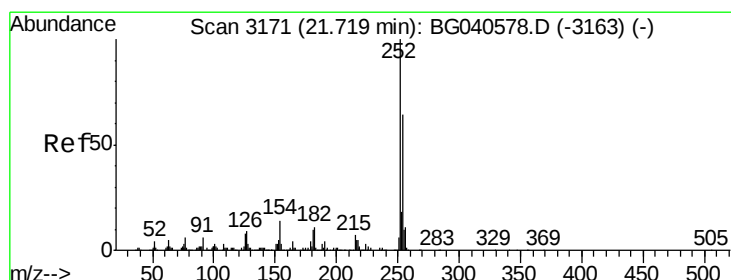
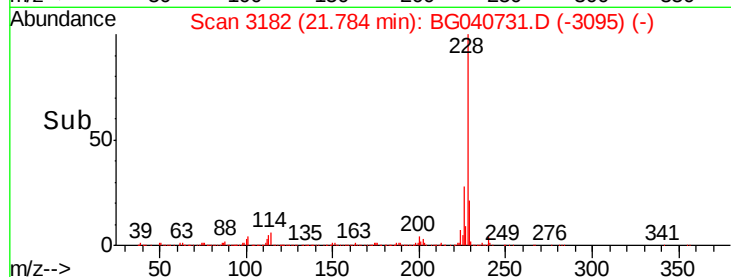
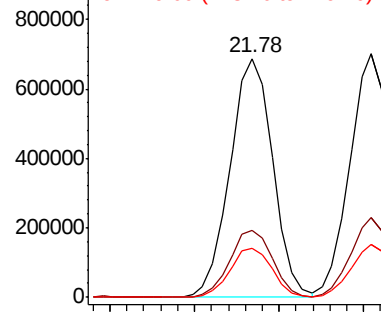


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.432 ng

RT: 21.70 min Scan# 3167

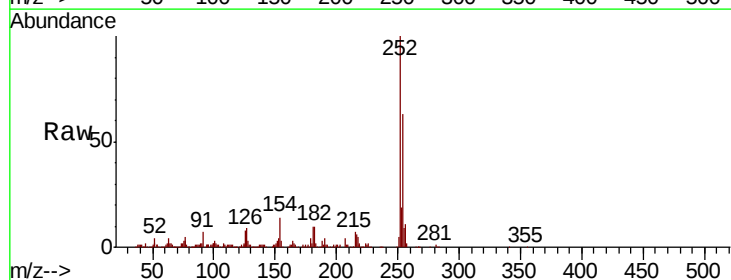
Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Tgt Ion:252 Resp: 258133

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 62.9  | 51.2  | 76.8  |
| 126 | 8.1   | 6.6   | 10.0  |

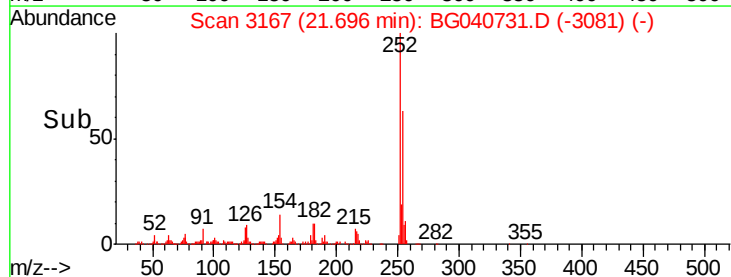
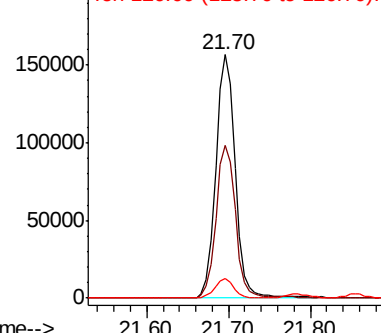


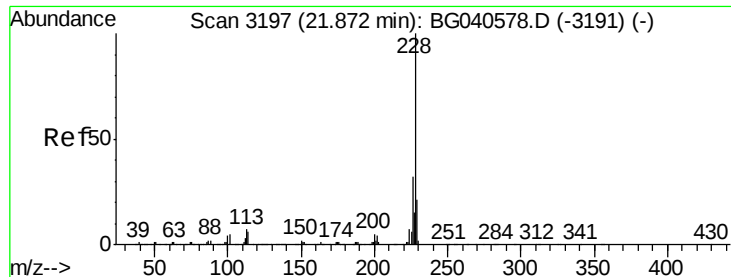
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 59.180 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

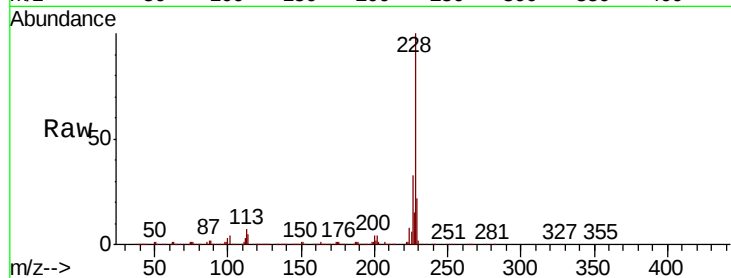
Tot Ion:228 Resp: 1183784

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.8  | 25.5  | 38.3  |
| 229 | 21.6  | 16.8  | 25.2  |

228 100

226 32.8 25.5 38.3

229 21.6 16.8 25.2

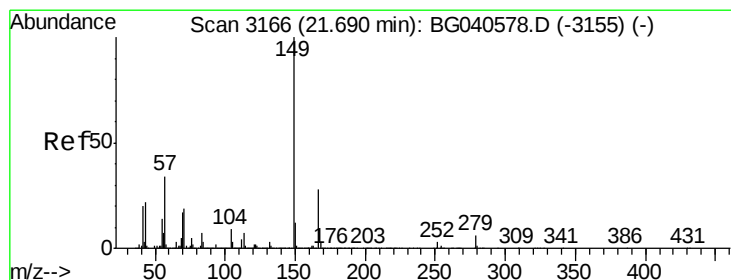
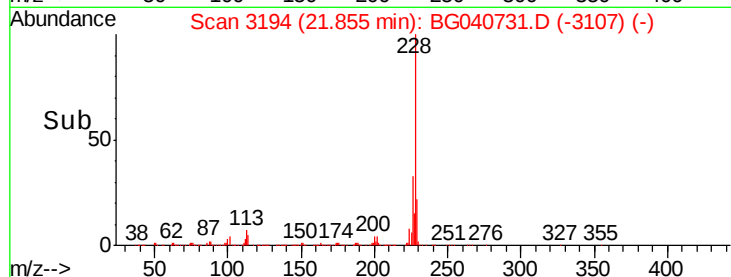
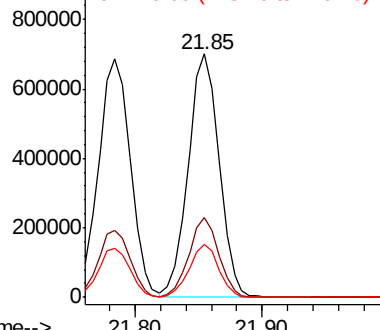


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.003 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.03 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

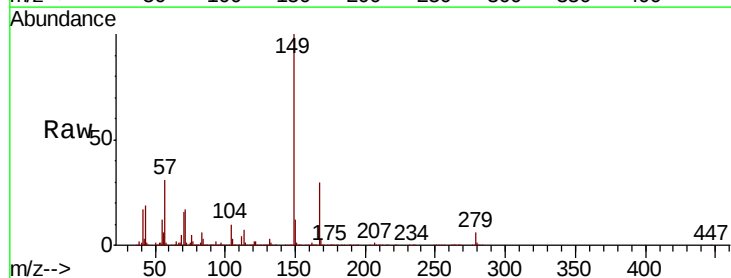
Tgt Ion:149 Resp: 657209

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.2  | 22.4  | 33.6  |
| 279 | 6.5   | 4.6   | 6.8   |

149 100

167 30.2 22.4 33.6

279 6.5 4.6 6.8

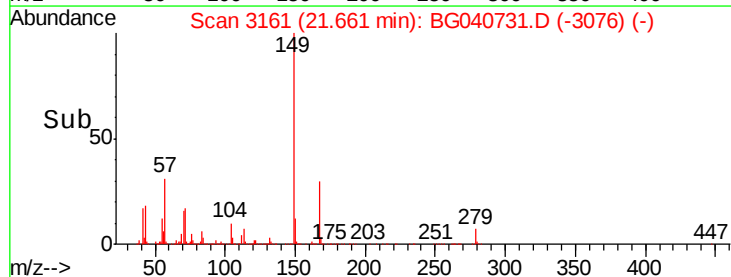
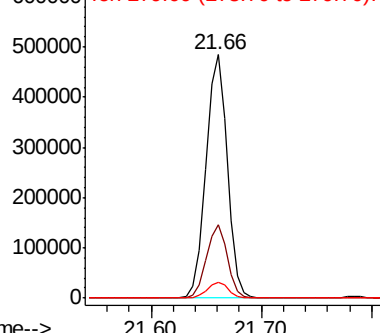


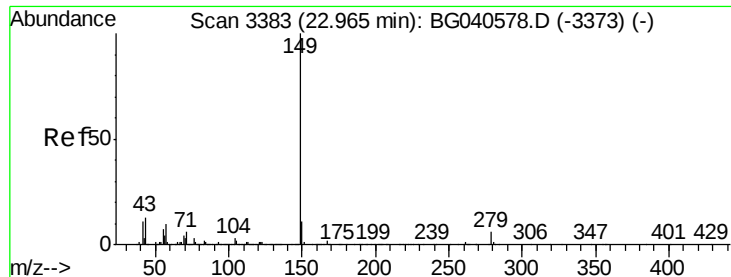
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 56.983 ng

RT: 22.92 min Scan# 3375

Delta R.T. -0.05 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

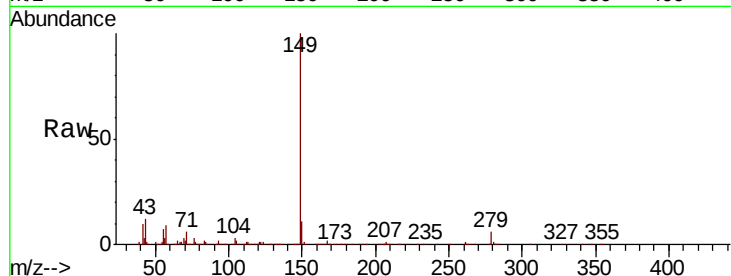
Tot Ion:149 Resp: 1126199

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

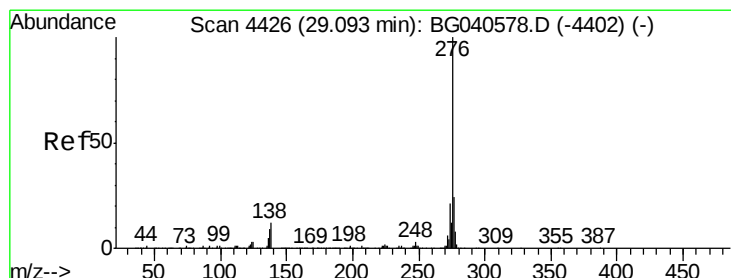
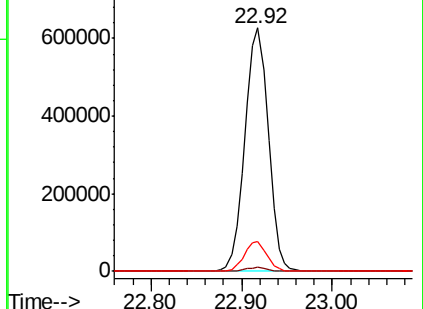
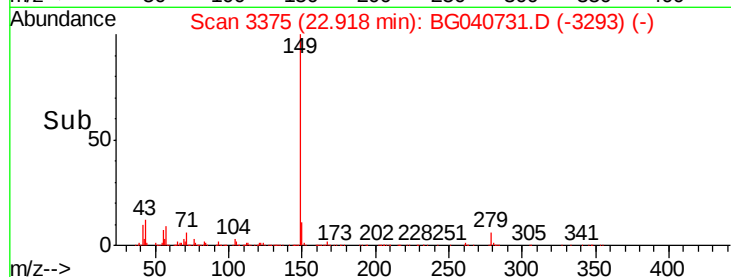
43 11.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.166 ng

RT: 29.02 min Scan# 4414

Delta R.T. -0.07 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

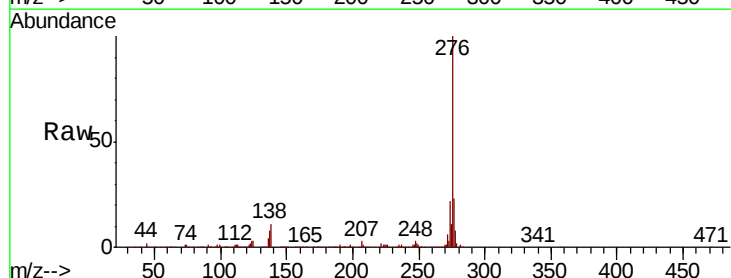
Tgt Ion:276 Resp: 1285804

Ion Ratio Lower Upper

276 100

138 6.5 9.8 14.6#

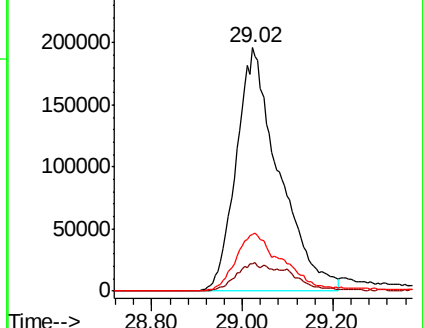
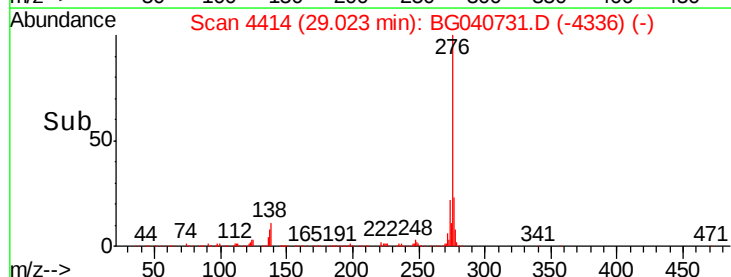
277 26.1 17.3 25.9#

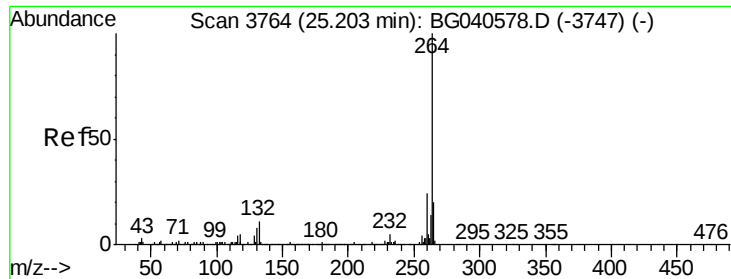


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



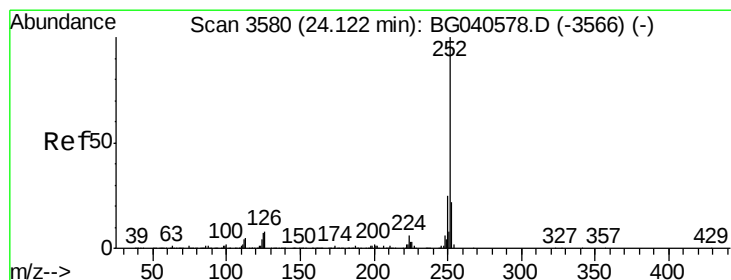
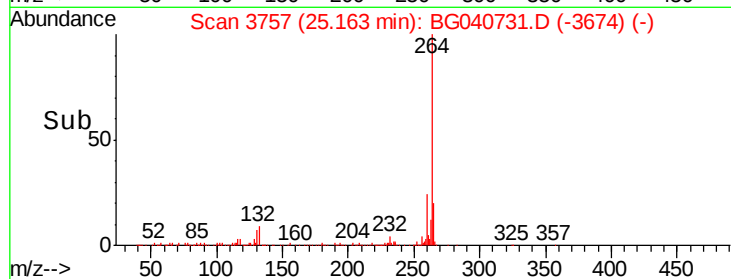
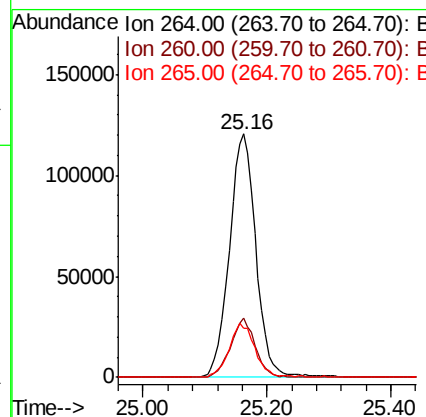
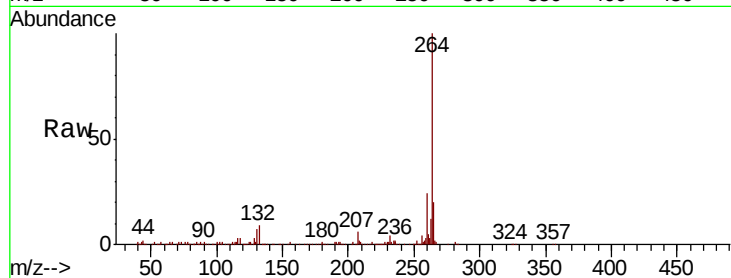


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.16 min Scan# 3757  
Delta R.T. -0.04 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

Instrument :  
BNA\_G  
ClientSampleId :  
AU-05-050219-AMSD

Tot Ion:264 Resp: 358690  

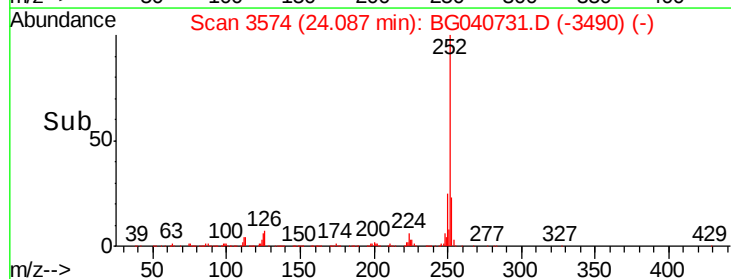
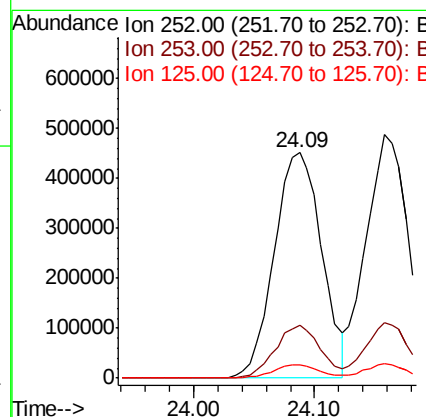
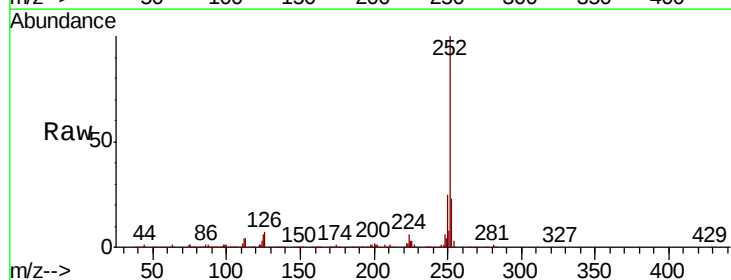
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.4  | 19.2  | 28.8  |
| 265 | 20.2  | 16.6  | 25.0  |

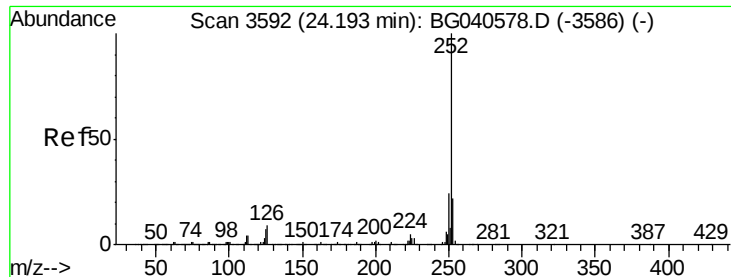


#88  
Benzo(b)fluoranthene  
Concen: 55.981 ng  
RT: 24.09 min Scan# 3574  
Delta R.T. -0.03 min  
Lab File: BG040731.D  
Acq: 3 May 2019 19:08

Tgt Ion:252 Resp: 1227049  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.4  | 17.6  | 26.4  |
| 125 | 5.7   | 5.4   | 8.0   |





#89

Benzo(k)fluoranthene

Concen: 58.530 ng

RT: 24.16 min Scan# 3586

Delta R.T. -0.03 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

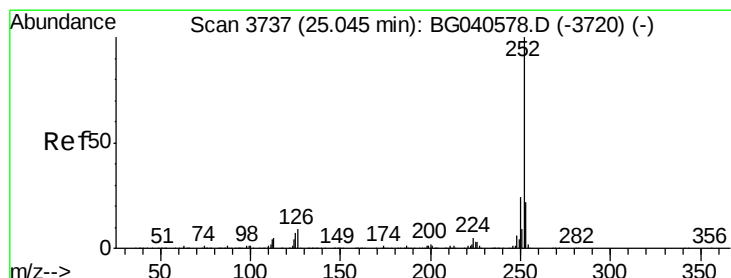
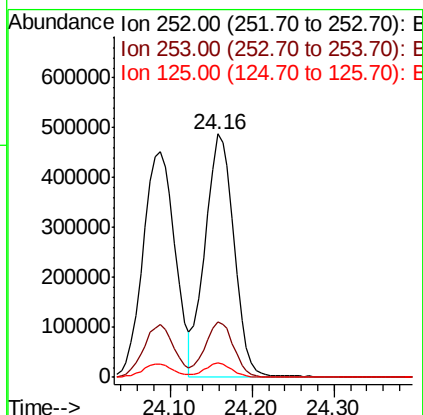
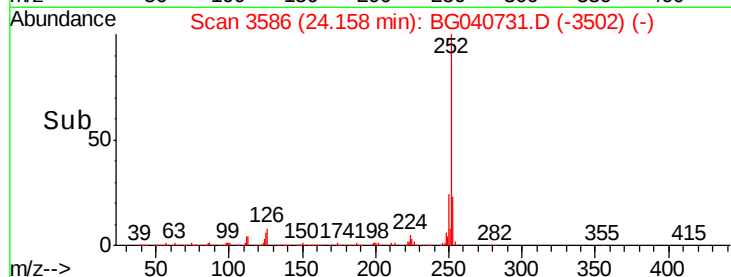
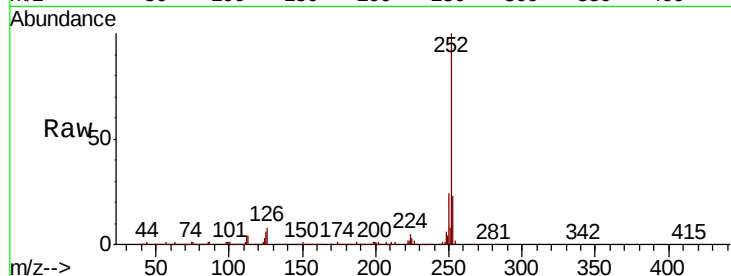
Tot Ion:252 Resp: 1198129

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 5.8 5.5 8.3



#90

Benzo(a)pyrene

Concen: 57.094 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

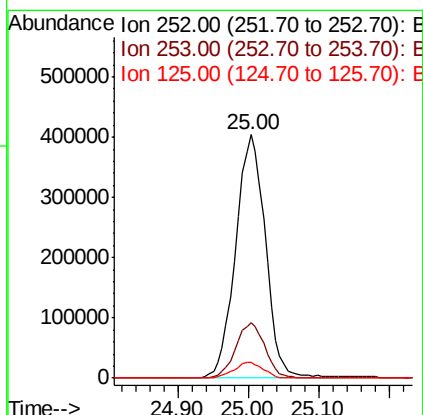
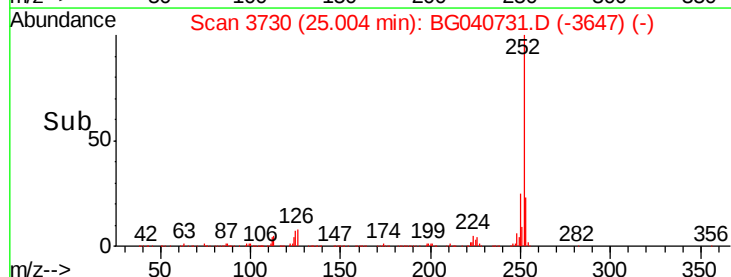
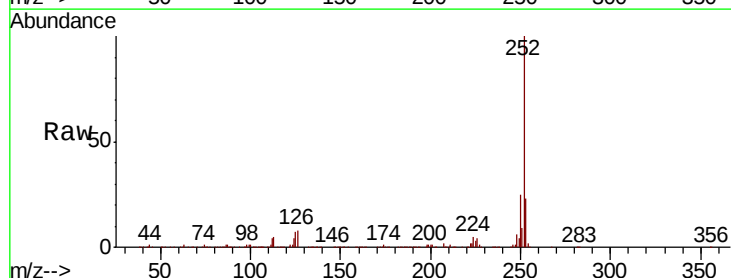
Tgt Ion:252 Resp: 1184591

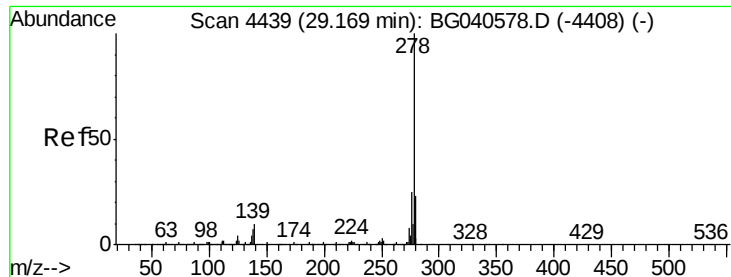
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 6.5 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 50.584 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.08 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA\_G

ClientSampleId :

AU-05-050219-AMSD

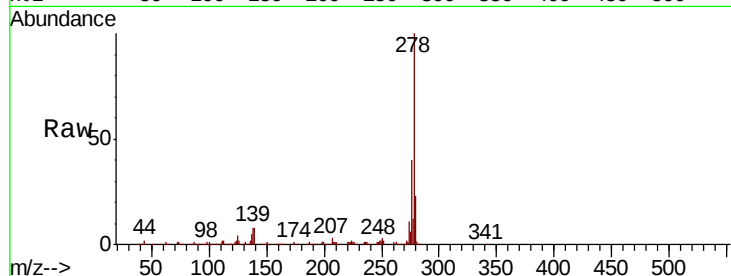
Tot Ion:278 Resp: 1062089

Ion Ratio Lower Upper

278 100

139 8.2 8.2 12.4#

279 22.8 18.5 27.7

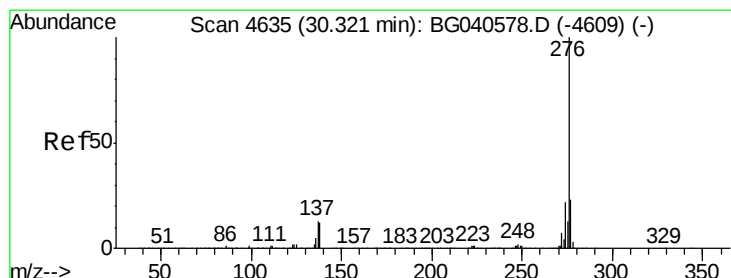
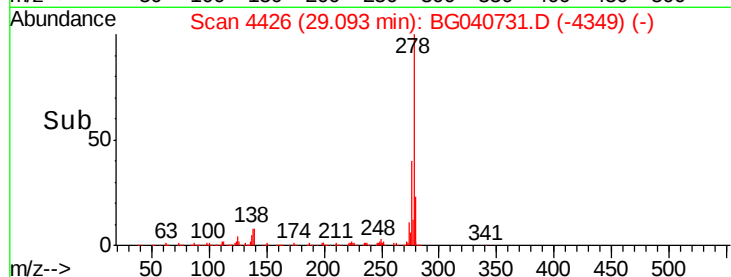
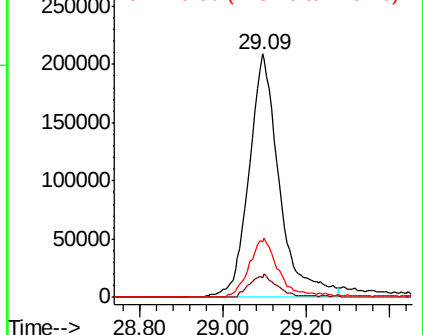


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.044 ng

RT: 30.24 min Scan# 4621

Delta R.T. -0.08 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

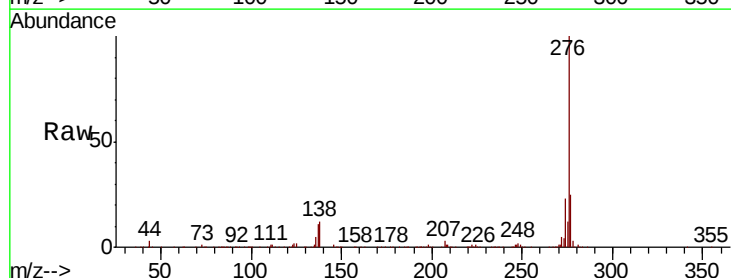
Tgt Ion:276 Resp: 1045747

Ion Ratio Lower Upper

276 100

277 24.7 18.4 27.6

138 11.5 9.8 14.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

