

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022519\  
 Data File : BG039586.D  
 Acq On : 25 Feb 2019 14:38  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 25 16:59:54 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 25 16:56:03 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 55710    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.99 | 136  | 250763   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.80 | 164  | 168290   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.54 | 188  | 386676   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.83 | 240  | 366405   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.21 | 264  | 362443   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.71  | 112 | 262767  | 80.73 | ng | 0.00 |
| 7) Phenol-d6                | 7.32  | 99  | 401534  | 83.80 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.35  | 82  | 375578  | 93.57 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.28 | 330 | 157022  | 86.65 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.42 | 172 | 910013  | 77.57 | ng | 0.00 |
| 79) Terphenyl-d14           | 20.13 | 244 | 1338404 | 77.32 | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.61  | 88  | 54402  | 38.208 | ng | 90   |
| 3) Pyridine                    | 4.01  | 79  | 154572 | 41.003 | ng | 97   |
| 4) n-Nitrosodimethylamine      | 3.93  | 42  | 67004  | 35.540 | ng | 91   |
| 6) Aniline                     | 7.49  | 93  | 240106 | 40.008 | ng | 98   |
| 8) 2-Chlorophenol              | 7.73  | 128 | 149140 | 41.916 | ng | 97   |
| 9) Benzaldehyde                | 7.31  | 77  | 101327 | 43.365 | ng | 98   |
| 10) Phenol                     | 7.34  | 94  | 207800 | 41.605 | ng | 97   |
| 11) bis(2-Chloroethyl)ether    | 7.58  | 93  | 160246 | 40.603 | ng | 96   |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146 | 171150 | 39.707 | ng | 94   |
| 13) 1,4-Dichlorobenzene        | 8.20  | 146 | 172255 | 40.095 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 8.52  | 146 | 167396 | 40.249 | ng | 98   |
| 15) Benzyl Alcohol             | 8.40  | 79  | 151154 | 40.184 | ng | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.68  | 45  | 299963 | 33.657 | ng | 99   |
| 17) 2-Methylphenol             | 8.60  | 107 | 132145 | 40.885 | ng | 96   |
| 18) Hexachloroethane           | 9.25  | 117 | 59598  | 40.322 | ng | 99   |
| 19) n-Nitroso-di-n-propylamine | 8.97  | 70  | 133777 | 39.338 | ng | 93   |
| 20) 3+4-Methylphenols          | 8.93  | 107 | 192454 | 43.240 | ng | 97   |
| 22) Acetophenone               | 9.00  | 105 | 260537 | 38.679 | ng | # 94 |
| 24) Nitrobenzene               | 9.39  | 77  | 193535 | 44.630 | ng | 96   |
| 25) Isophorone                 | 9.90  | 82  | 332051 | 37.330 | ng | 98   |
| 26) 2-Nitrophenol              | 10.10 | 139 | 96405  | 54.393 | ng | 96   |
| 27) 2,4-Dimethylphenol         | 10.14 | 122 | 142757 | 39.674 | ng | 91   |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93  | 215654 | 39.361 | ng | 97   |
| 29) 2,4-Dichlorophenol         | 10.63 | 162 | 173372 | 44.085 | ng | 96   |
| 30) 1,2,4-Trichlorobenzene     | 10.85 | 180 | 184617 | 41.814 | ng | 99   |
| 31) Naphthalene                | 11.04 | 128 | 487278 | 39.170 | ng | 99   |
| 32) Benzoic acid               | 10.27 | 122 | 104899 | 45.174 | ng | 97   |
| 33) 4-Chloroaniline            | 11.15 | 127 | 235202 | 40.776 | ng | 97   |
| 34) Hexachlorobutadiene        | 11.30 | 225 | 121442 | 41.360 | ng | 97   |
| 35) Caprolactam                | 11.94 | 113 | 64671  | 39.740 | ng | 96   |
| 36) 4-Chloro-3-methylphenol    | 12.25 | 107 | 190204 | 41.820 | ng | 99   |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 359007 | 38.964 | ng | 95   |
| 38) 1-Methylnaphthalene        | 12.85 | 142 | 347854 | 39.165 | ng | 97   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 224677 | 41.960 | ng | 99   |

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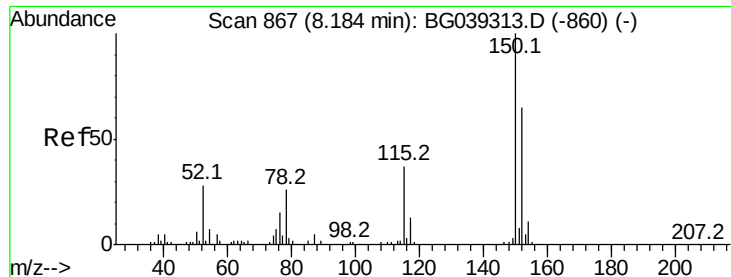
Instrument :  
 BNA\_G  
 ClientSampleId :  
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Quant Time: Feb 25 16:59:54 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 25 16:56:03 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.96 | 237  | 110818   | 37.981 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.23 | 196  | 145727   | 44.264 | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.30 | 196  | 154802   | 44.863 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.63 | 154  | 543190   | 38.793 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.68 | 162  | 421021   | 39.970 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.89 | 65   | 138109   | 46.050 | nq    | 95       |
| 49) Acenaphthylene             | 14.52 | 152  | 612967   | 38.565 | nq    | 99       |
| 50) Dimethylphthalate          | 14.24 | 163  | 529467   | 38.955 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.37 | 165  | 118666   | 46.890 | nq    | 91       |
| 52) Acenaphthene               | 14.86 | 154  | 387861   | 37.593 | nq    | 97       |
| 53) 3-Nitroaniline             | 14.71 | 138  | 119616   | 44.166 | nq    | # 94     |
| 54) 2,4-Dinitrophenol          | 14.91 | 184  | 33482    | 39.852 | nq    | 90       |
| 55) Dibenzofuran               | 15.19 | 168  | 647242   | 39.127 | nq    | 99       |
| 56) 4-Nitrophenol              | 15.00 | 139  | 82746    | 37.026 | nq    | # 85     |
| 57) 2,4-Dinitrotoluene         | 15.15 | 165  | 163036   | 49.762 | nq    | # 82     |
| 58) Fluorene                   | 15.84 | 166  | 471841   | 38.263 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.41 | 232  | 136793   | 42.341 | nq    | 97       |
| 60) Diethylphthalate           | 15.59 | 149  | 523756   | 37.270 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.82 | 204  | 282913   | 40.518 | nq    | 94       |
| 62) 4-Nitroaniline             | 15.86 | 138  | 122574   | 43.443 | nq    | 91       |
| 63) Azobenzene                 | 16.12 | 77   | 484987   | 35.309 | nq    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 78681    | 50.556 | nq    | 93       |
| 66) n-Nitrosodiphenylamine     | 16.04 | 169  | 467439   | 39.757 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.72 | 248  | 179163   | 41.765 | nq    | 96       |
| 68) Hexachlorobenzene          | 16.83 | 284  | 184715   | 42.918 | nq    | 96       |
| 69) Atrazine                   | 16.98 | 200  | 143017   | 33.286 | nq    | 97       |
| 70) Pentachlorophenol          | 17.17 | 266  | 105470   | 35.259 | nq    | 99       |
| 71) Phenanthrene               | 17.58 | 178  | 762083   | 38.079 | nq    | 99       |
| 72) Anthracene                 | 17.67 | 178  | 760340   | 38.570 | nq    | 99       |
| 73) Carbazole                  | 17.94 | 167  | 727062   | 36.957 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.47 | 149  | 852642   | 37.150 | nq    | 99       |
| 75) Fluoranthene               | 19.58 | 202  | 876004   | 37.712 | nq    | 99       |
| 77) Benzidine                  | 19.76 | 184  | 325556   | 27.101 | nq    | 99       |
| 78) Pyrene                     | 19.94 | 202  | 901317   | 39.515 | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.81 | 149  | 382236   | 39.725 | nq    | 91       |
| 81) Benzo(a)anthracene         | 21.81 | 228  | 847790   | 39.158 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 313177   | 39.011 | nq    | 99       |
| 83) Chrysene                   | 21.88 | 228  | 818597   | 39.718 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.67 | 149  | 544214   | 39.645 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.94 | 149  | 885811   | 39.060 | nq    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.09 | 276  | 755699   | 34.175 | nq    | # 91     |
| 88) Benzo(b)fluoranthene       | 24.12 | 252  | 778130   | 39.367 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 24.20 | 252  | 780269   | 39.319 | nq    | 99       |
| 90) Benzo(a)pyrene             | 25.05 | 252  | 757797   | 39.808 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.17 | 278  | 602834   | 33.815 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.33 | 276  | 586849   | 33.027 | nq    | 97       |

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



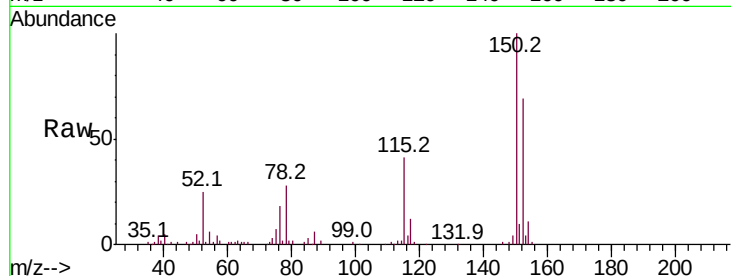


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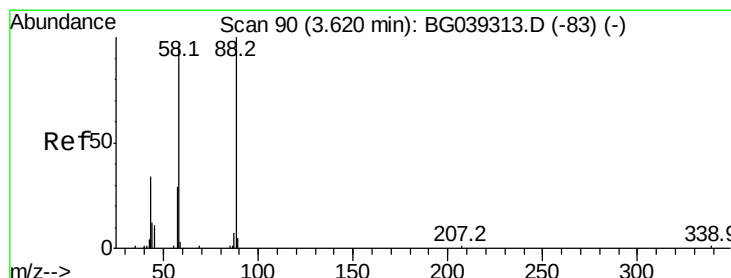
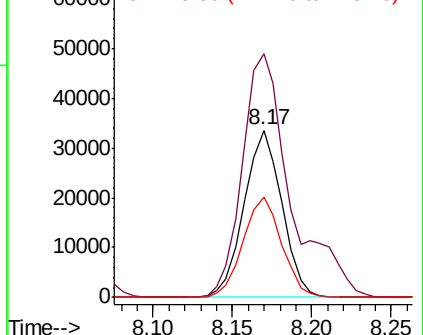
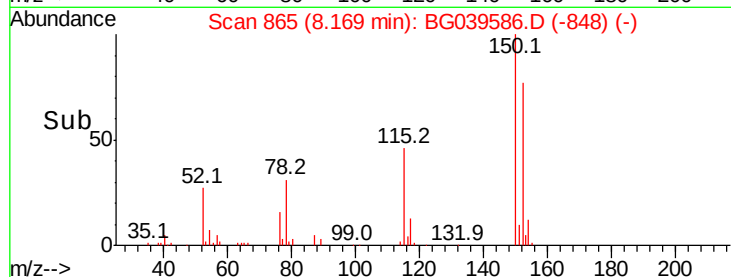
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.17 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Instrument :  
BNA\_G  
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SSTDCCC040

Tot Ion:152 Resp: 55710  
Ion Ratio Lower Upper  
152 100  
150 145.5 123.7 185.5  
115 59.7 45.9 68.9



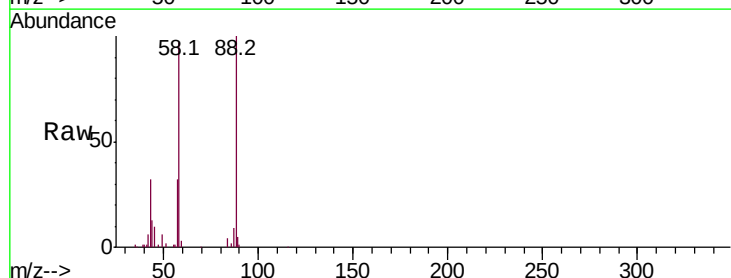
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



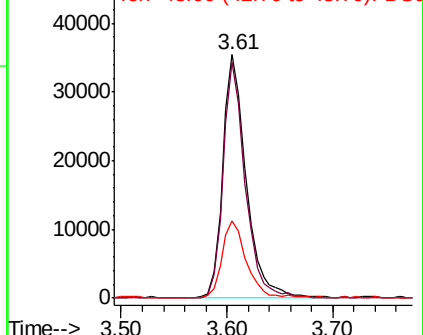
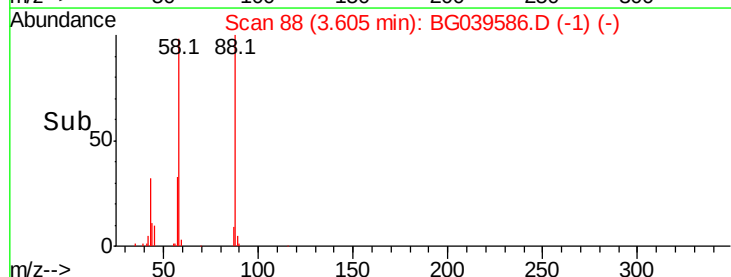
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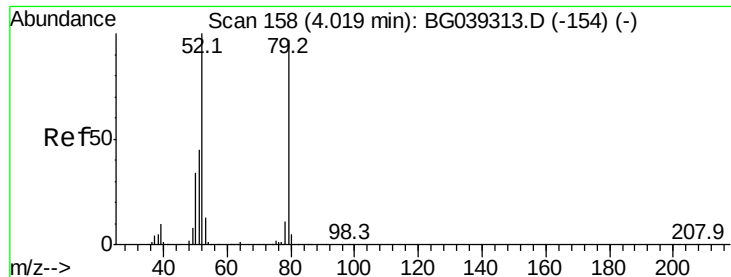
1,4-Dioxane  
Concen: 38.208 ng  
RT: 3.61 min Scan# 88  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Tgt Ion: 88 Resp: 54402  
Ion Ratio Lower Upper  
88 100  
58 91.6 81.1 121.7  
43 33.5 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.003 ng

RT: 4.01 min Scan# 157

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

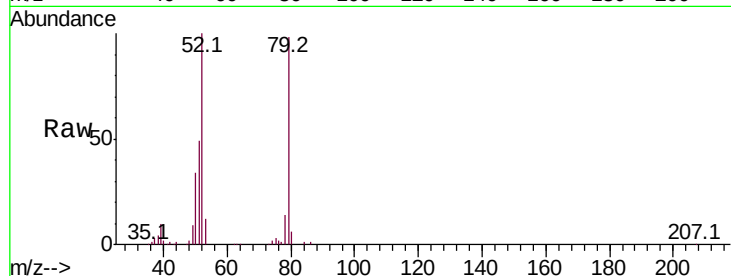
Tot Ion: 79 Resp: 154572

Ion Ratio Lower Upper

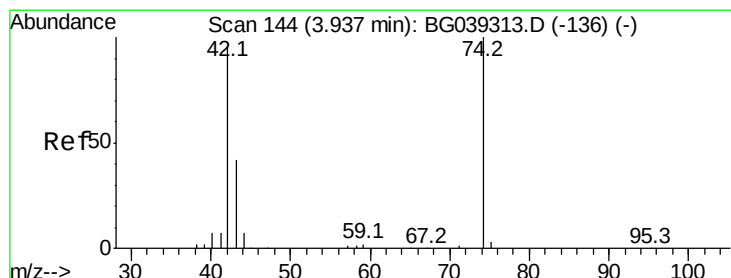
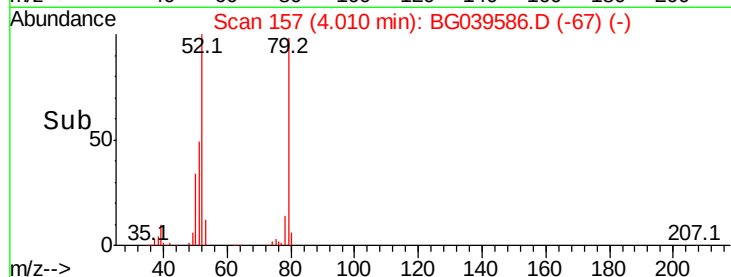
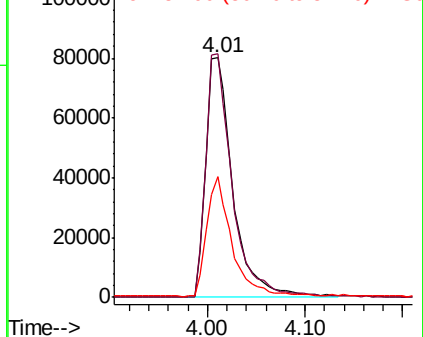
79 100

52 101.8 82.6 124.0

51 50.3 37.5 56.3



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: 35.540 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

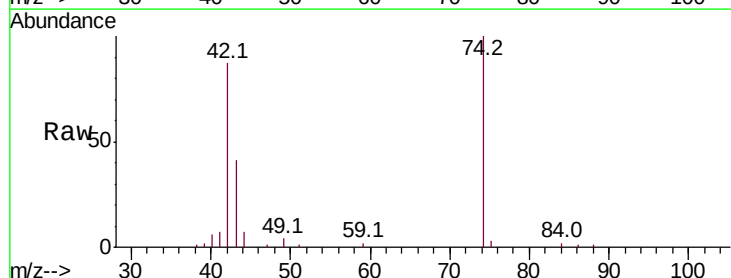
Tgt Ion: 42 Resp: 67004

Ion Ratio Lower Upper

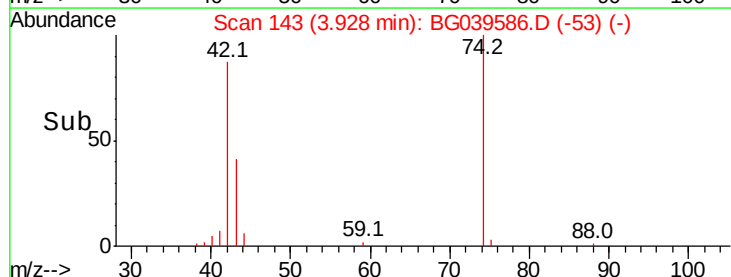
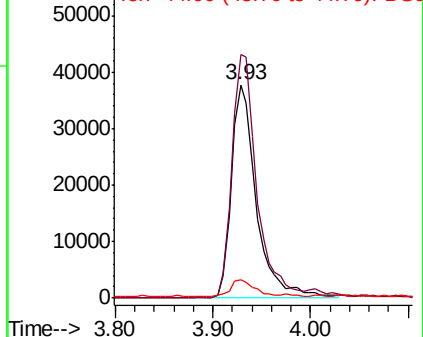
42 100

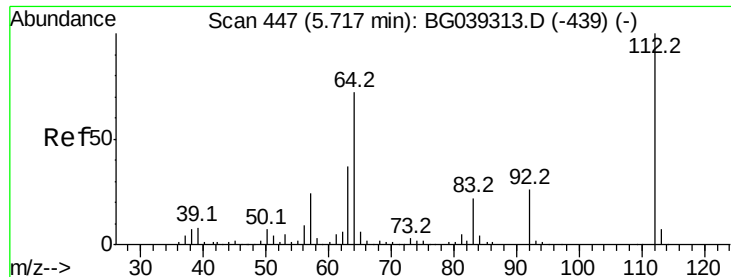
74 114.4 83.6 125.4

44 8.5 6.9 10.3



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: 80.727 ng

RT: 5.71 min Scan# 447

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

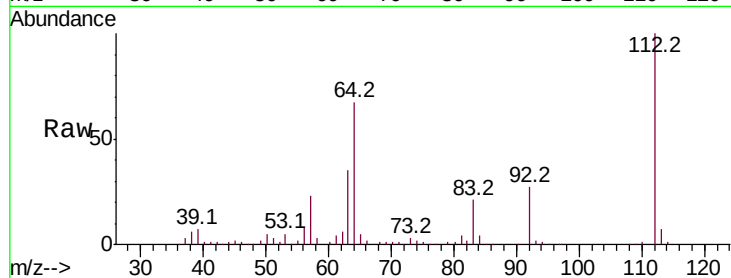
Tot Ion:112 Resp: 262767

Ion Ratio Lower Upper

112 100

64 67.0 57.8 86.8

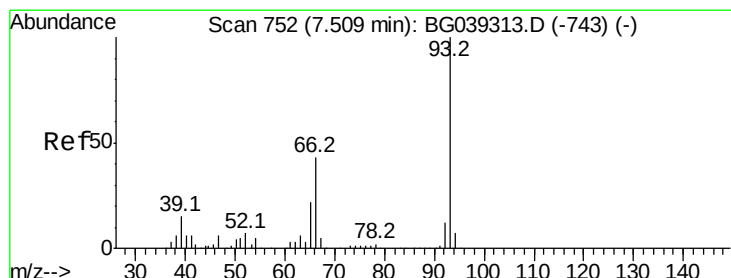
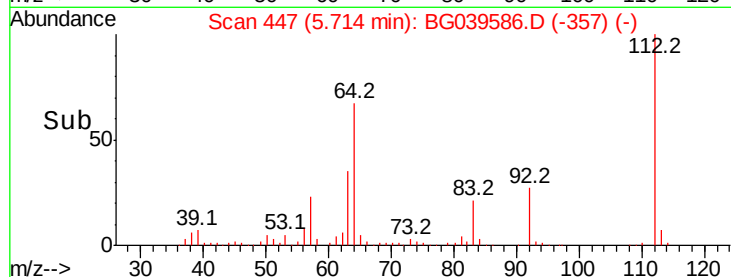
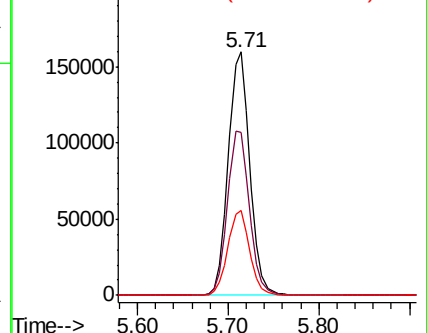
63 35.0 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.008 ng

RT: 7.49 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

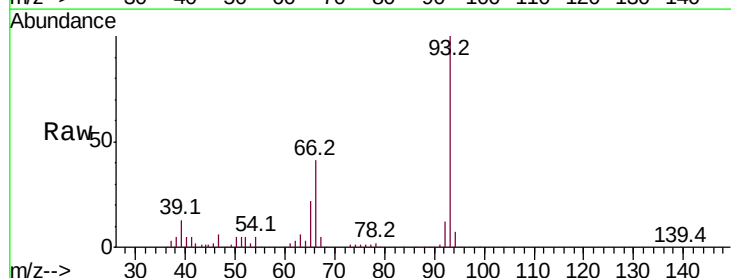
Tgt Ion: 93 Resp: 240106

Ion Ratio Lower Upper

93 100

66 41.3 34.2 51.4

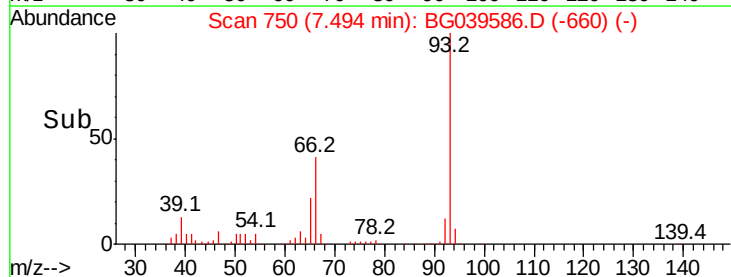
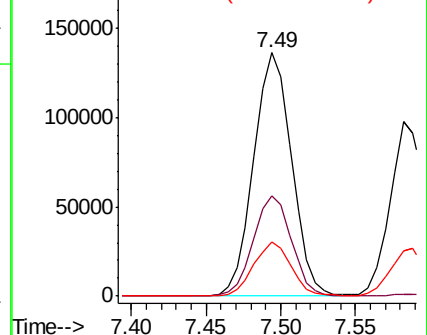
65 22.0 17.7 26.5

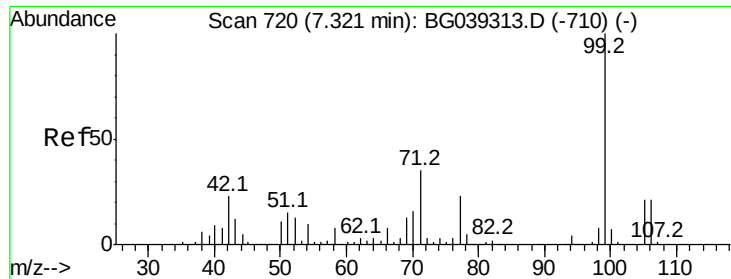


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.805 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

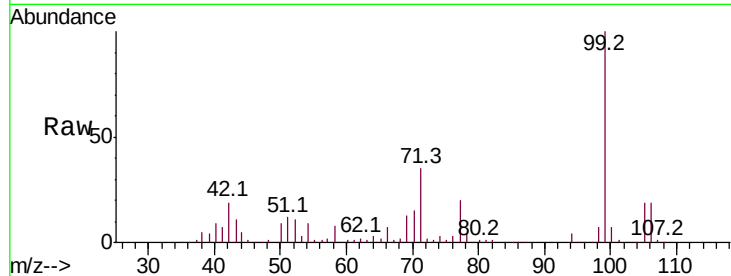
Tot Ion: 99 Resp: 401534

Ion Ratio Lower Upper

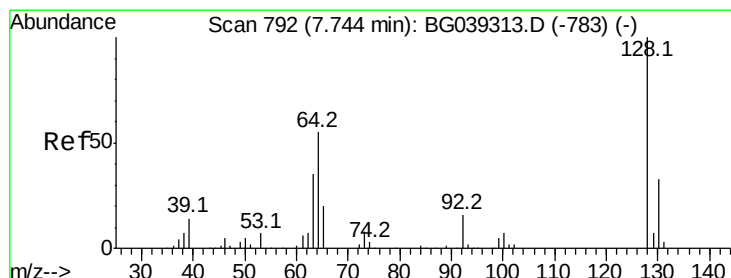
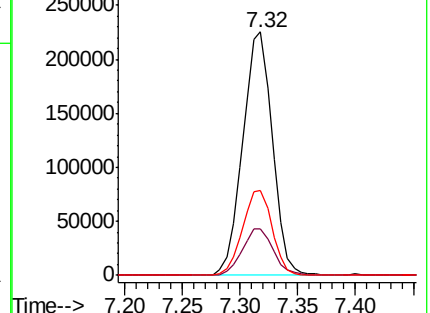
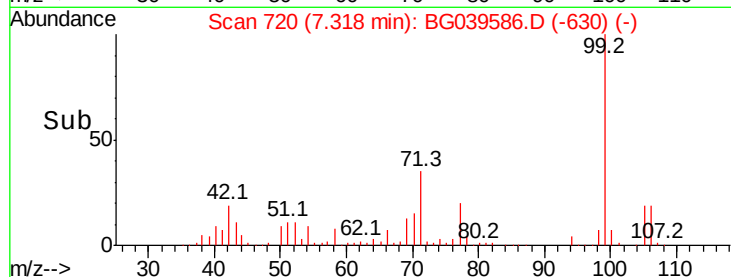
99 100

42 18.9 18.2 27.2

71 34.8 28.0 42.0



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



#8

2-Chlorophenol

Concen: 41.916 ng

RT: 7.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

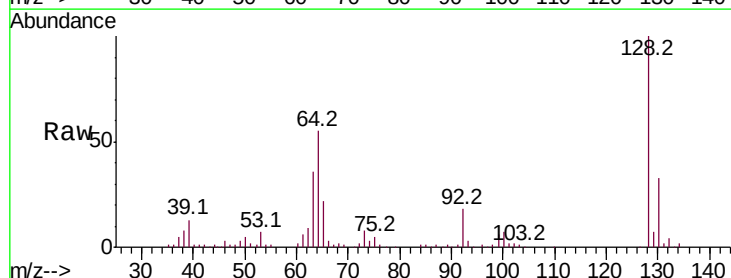
Tgt Ion: 128 Resp: 149140

Ion Ratio Lower Upper

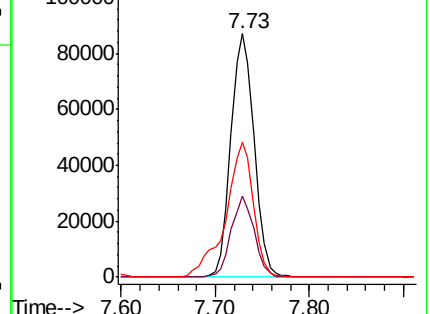
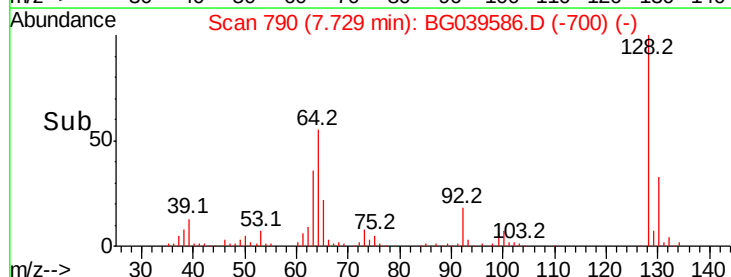
128 100

130 33.5 12.9 52.9

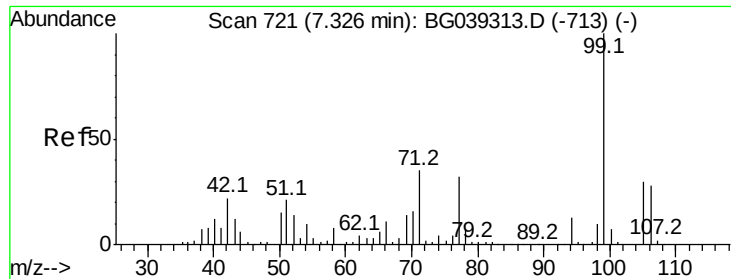
64 55.3 38.7 78.7



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: 43.365 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

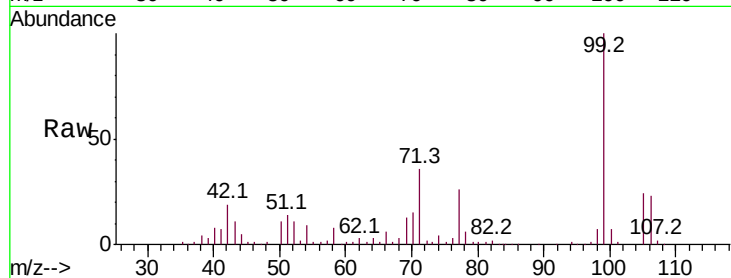
Tot Ion: 77 Resp: 101327

Ion Ratio Lower Upper

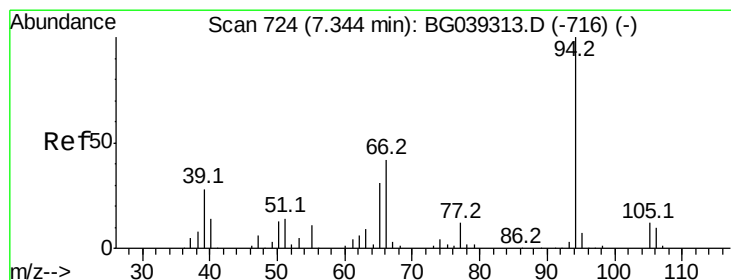
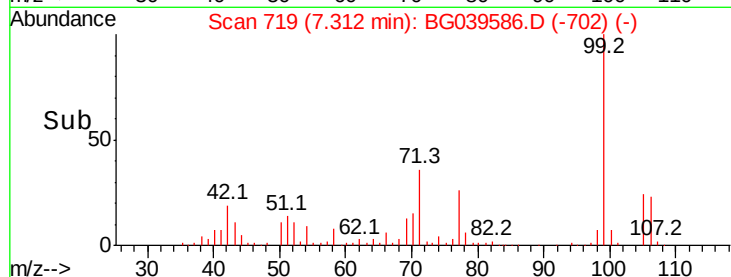
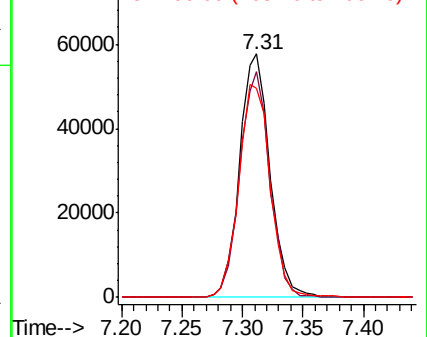
77 100

105 92.7 74.5 114.5

106 85.7 68.0 108.0



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: 41.605 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

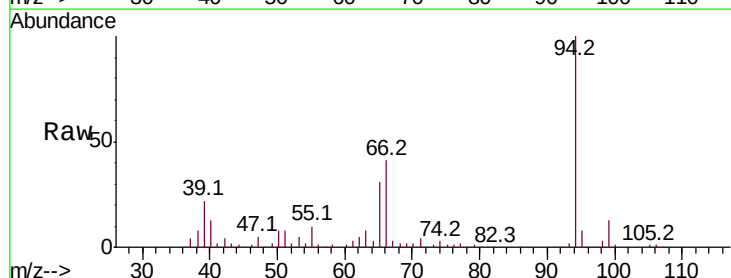
Tgt Ion: 94 Resp: 207800

Ion Ratio Lower Upper

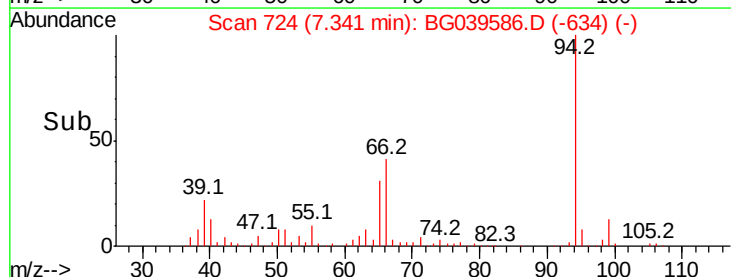
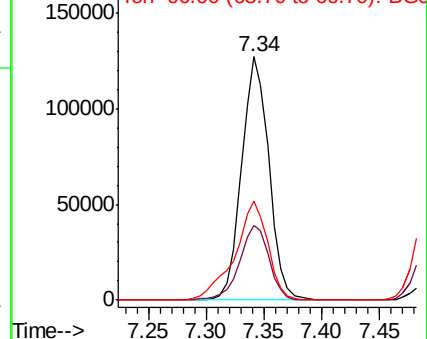
94 100

65 30.7 11.7 51.7

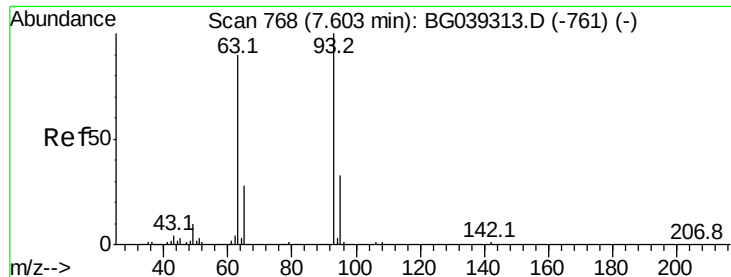
66 40.8 23.7 63.7



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: 40.603 ng

RT: 7.58 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

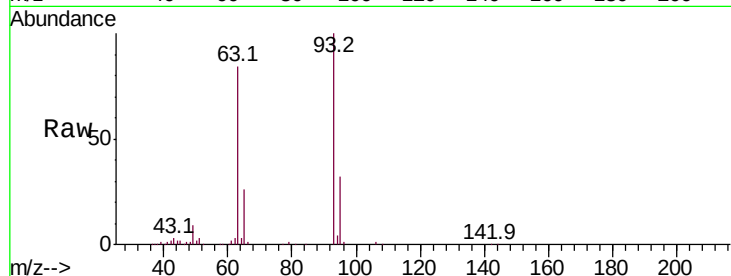
Tot Ion: 93 Resp: 160246

Ion Ratio Lower Upper

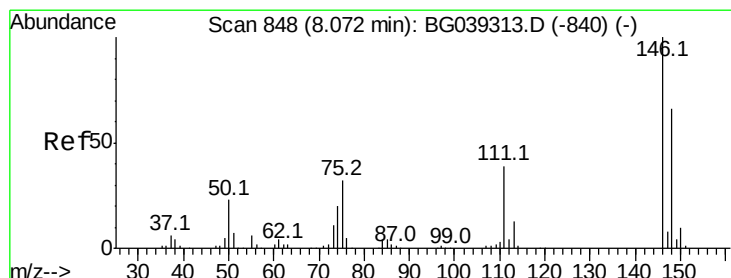
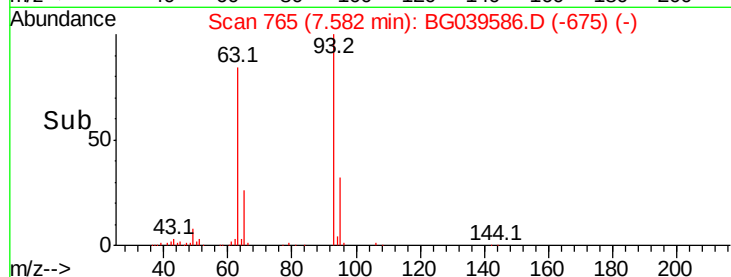
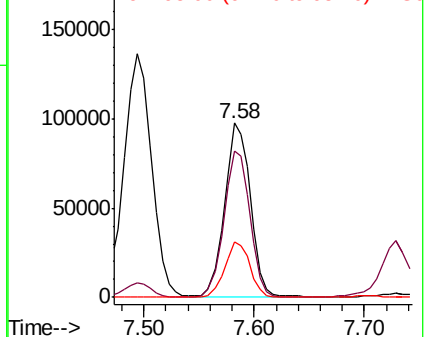
93 100

63 84.1 69.5 109.5

95 32.1 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 39.707 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

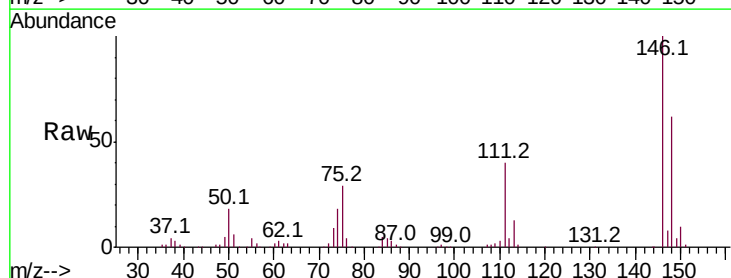
Tgt Ion: 146 Resp: 171150

Ion Ratio Lower Upper

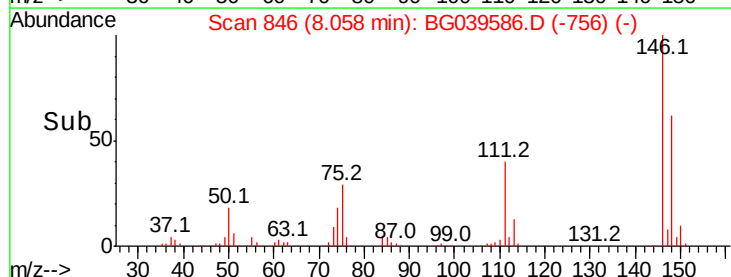
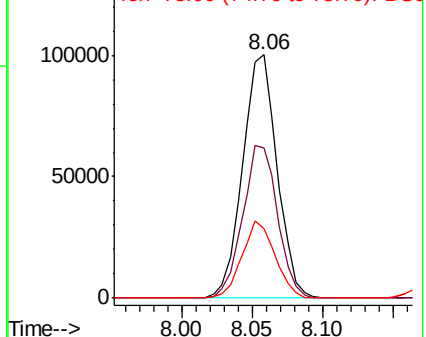
146 100

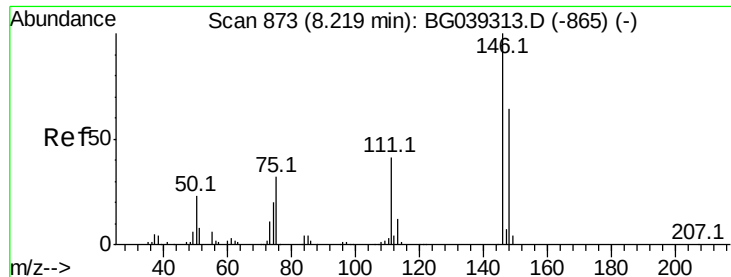
148 61.7 52.6 79.0

75 28.7 25.8 38.6



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

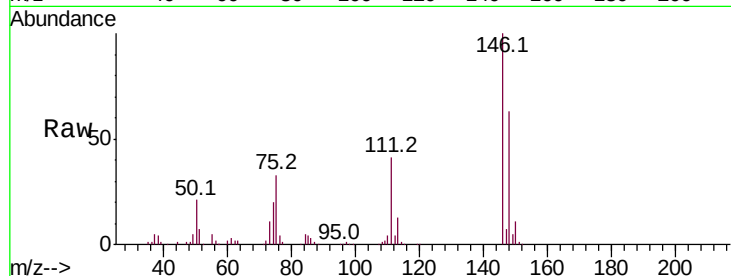




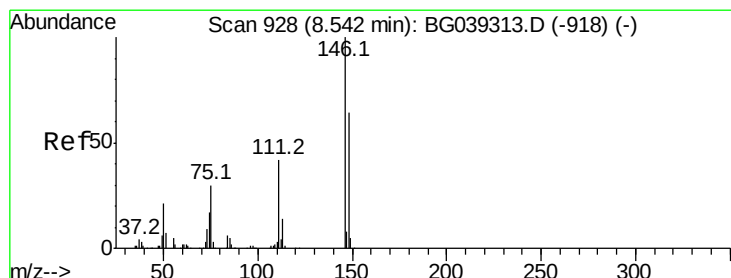
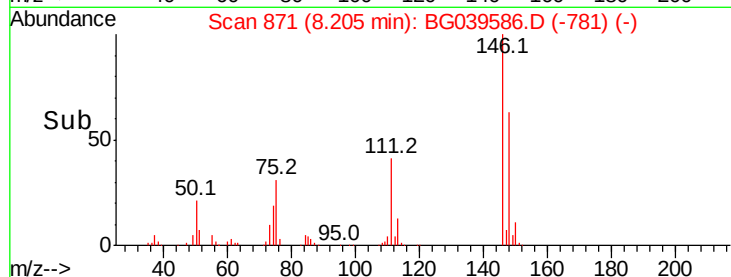
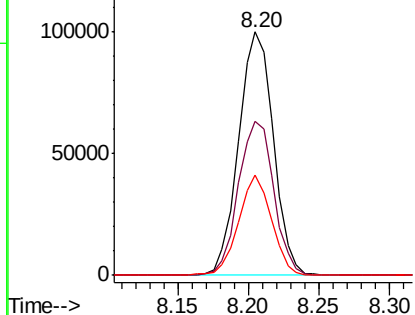
#13  
1,4-Dichlorobenzene  
Concen: 40.095 ng  
RT: 8.20 min Scan# 871  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:146 Resp: 172255  
Ion Ratio Lower Upper  
146 100  
148 63.2 51.1 76.7  
111 41.1 32.6 48.8

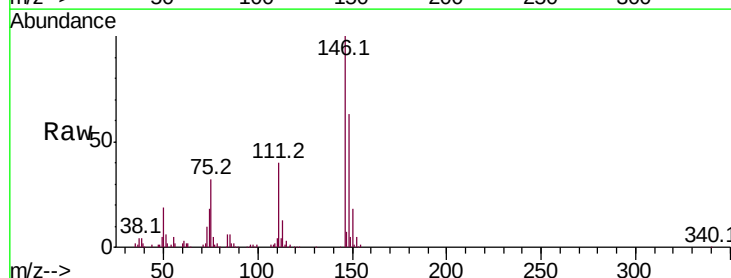


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E

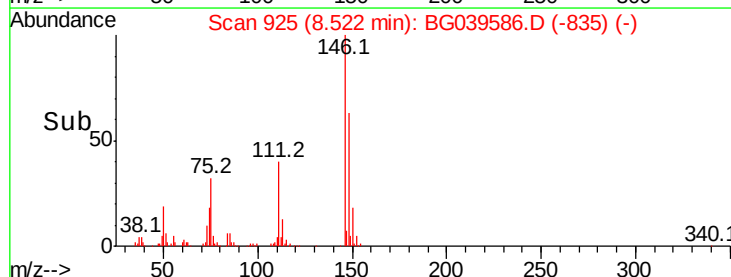
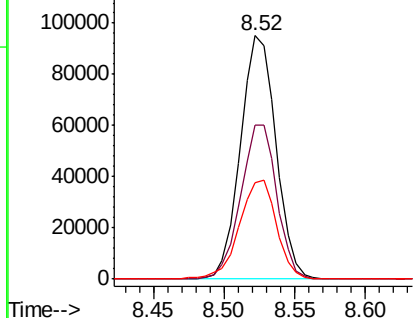


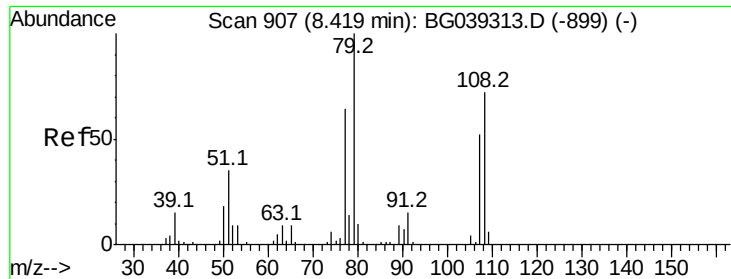
#14  
1,2-Dichlorobenzene  
Concen: 40.249 ng  
RT: 8.52 min Scan# 925  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Tgt Ion:146 Resp: 167396  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.5 77.3  
111 39.6 33.8 50.6



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

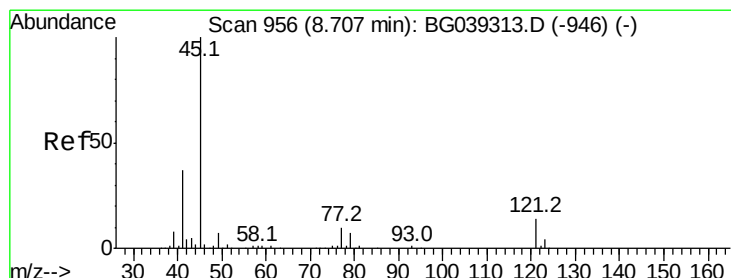
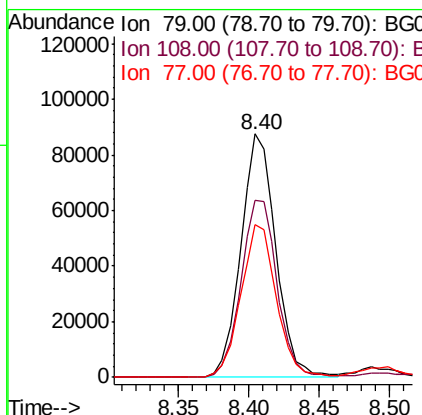
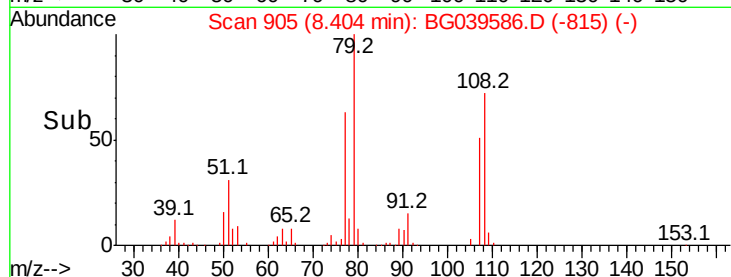
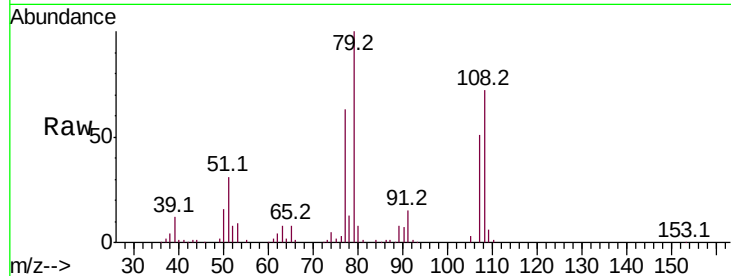




#15  
Benzyl Alcohol  
Concen: 40.184 ng  
RT: 8.40 min Scan# 905  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

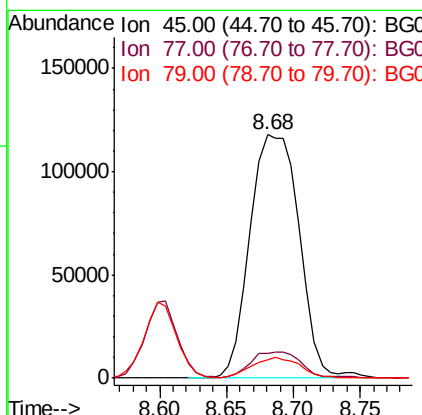
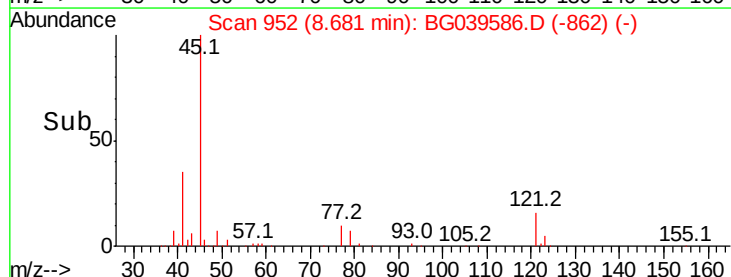
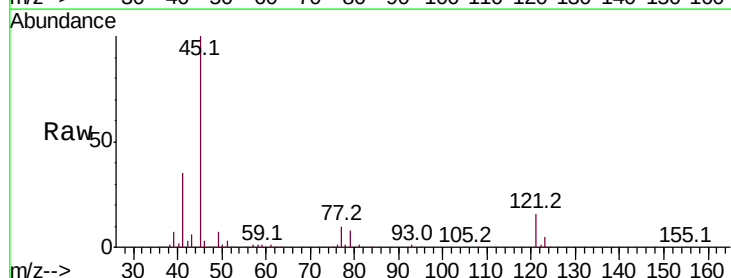
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

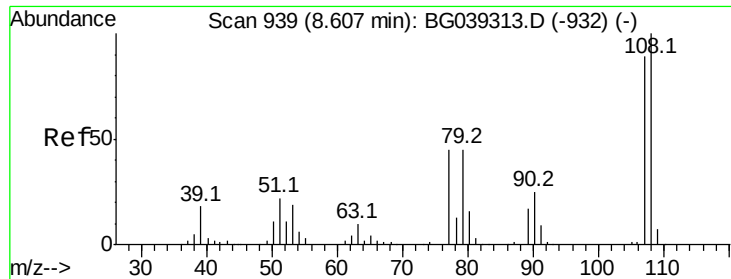
Tot Ion: 79 Resp: 151154  
Ion Ratio Lower Upper  
79 100  
108 72.5 57.8 86.6  
77 62.8 51.1 76.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 33.657 ng  
RT: 8.68 min Scan# 952  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Tgt Ion: 45 Resp: 299963  
Ion Ratio Lower Upper  
45 100  
77 10.2 0.0 30.0  
79 7.7 0.0 27.5

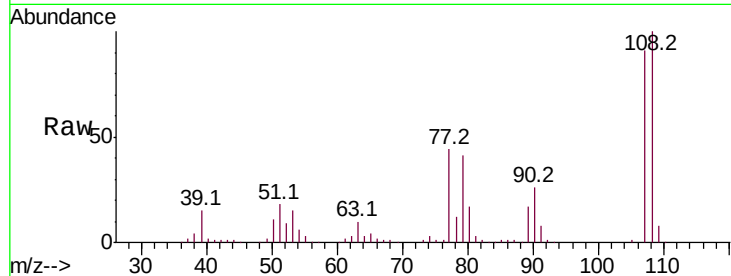




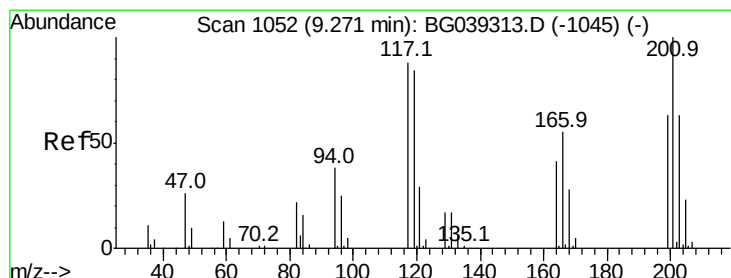
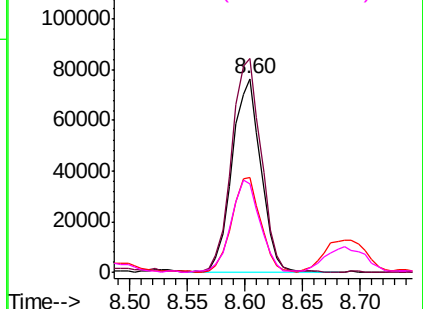
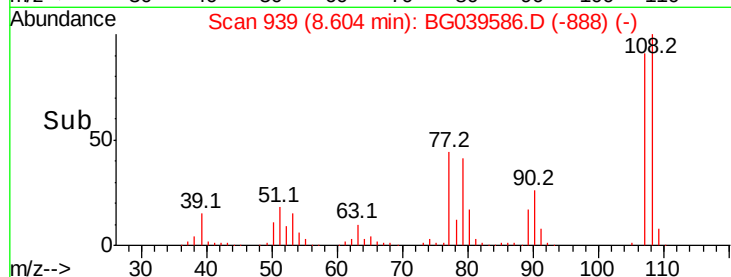
#17  
2-Methylphenol  
Concen: 40.885 ng  
RT: 8.60 min Scan# 939  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 132145 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.4 | 90.8  | 136.2  |
| 77       | 48.7  | 40.7  | 61.1   |
| 79       | 45.5  | 40.6  | 60.8   |

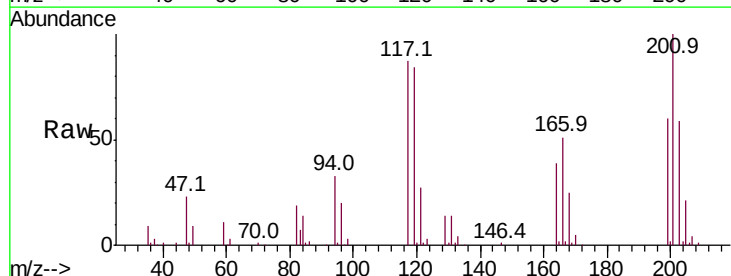


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

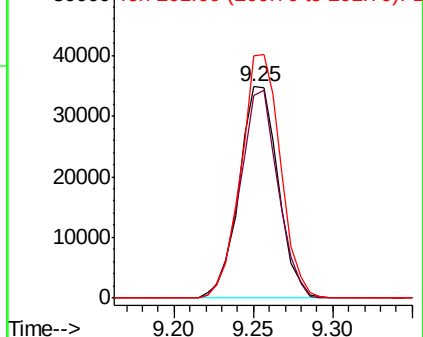
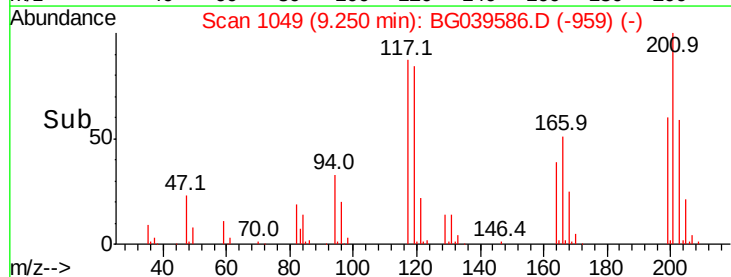


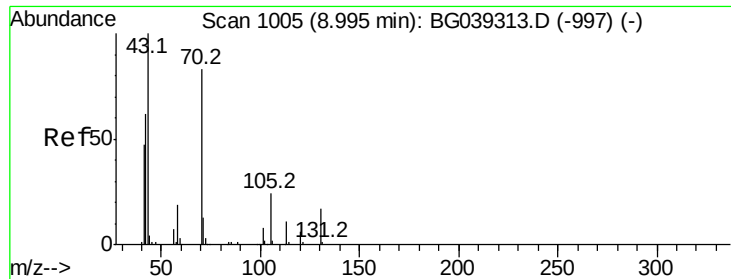
#18  
Hexachloroethane  
Concen: 40.322 ng  
RT: 9.25 min Scan# 1049  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 59598 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.0  | 76.3  | 114.5 |
| 201      | 114.5 | 91.1  | 136.7 |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

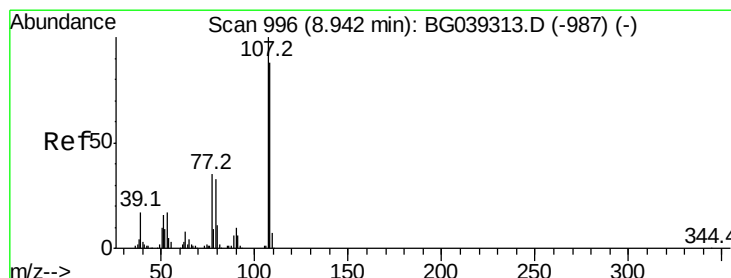
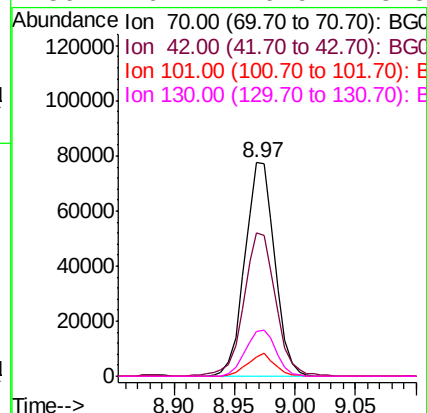
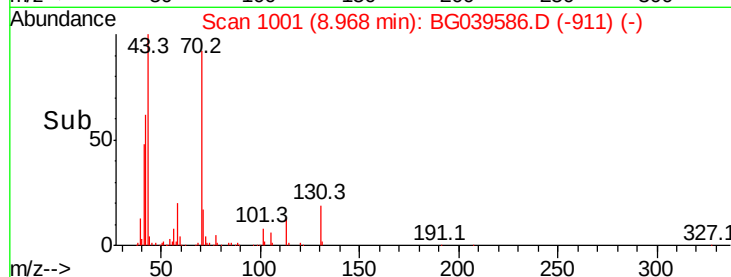
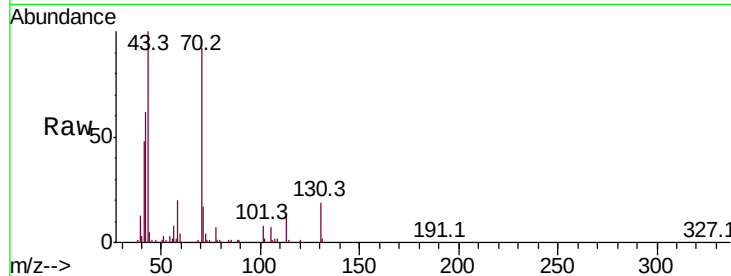




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.338 ng  
RT: 8.97 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

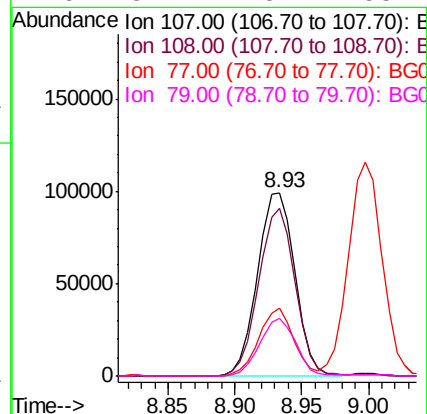
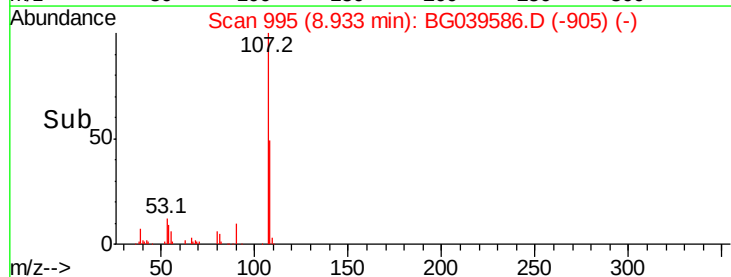
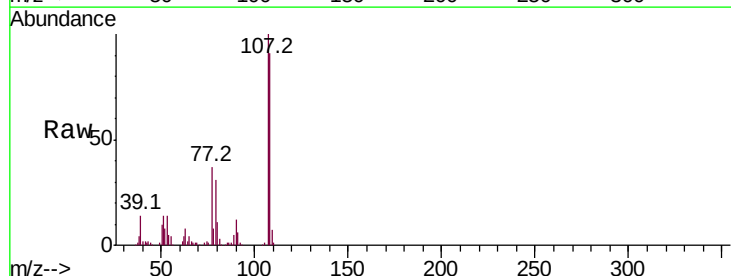
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

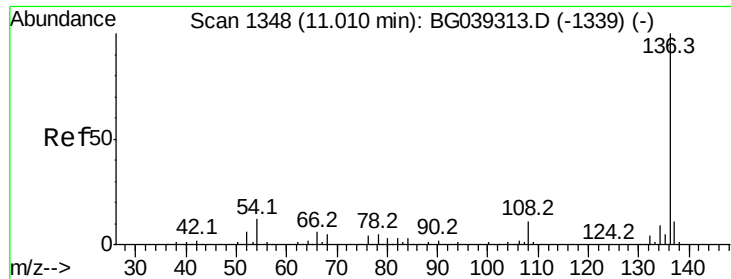
Tot Ion: 70 Resp: 133777  
Ion Ratio Lower Upper  
70 100  
42 67.1 60.4 90.6  
101 8.9 7.5 11.3  
130 20.7 16.9 25.3



#20  
3+4-Methylphenols  
Concen: 43.240 ng  
RT: 8.93 min Scan# 995  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Tgt Ion:107 Resp: 192454  
Ion Ratio Lower Upper  
107 100  
108 91.2 67.9 107.9  
77 36.8 15.4 55.4  
79 31.1 13.7 53.7

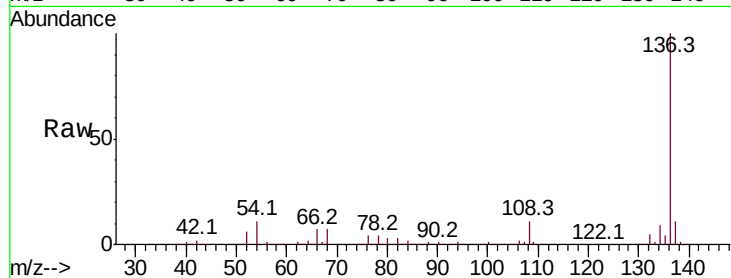




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 250763 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 9.1   | 13.7   |
| 54       | 10.7  | 9.4   | 14.2   |
| 68       | 7.0   | 4.2   | 6.4#   |



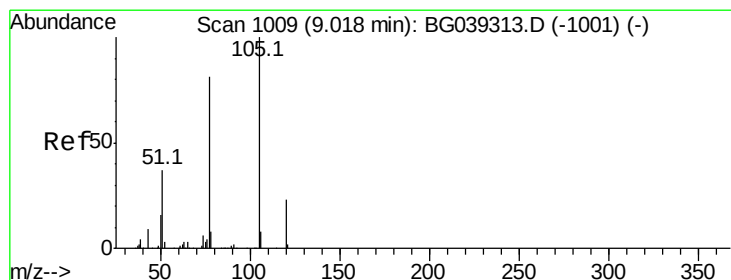
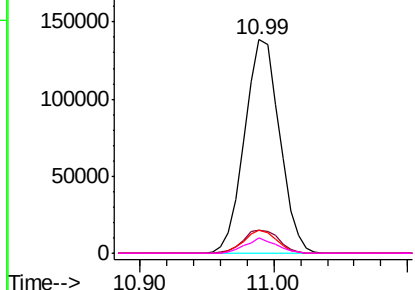
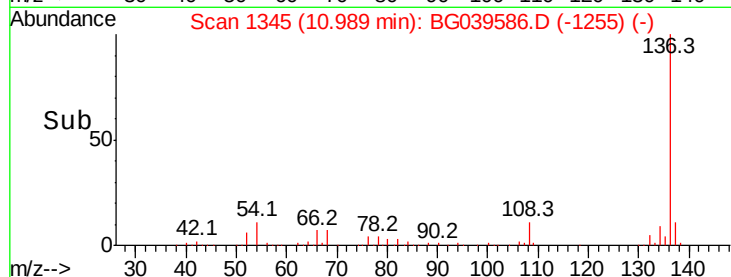
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

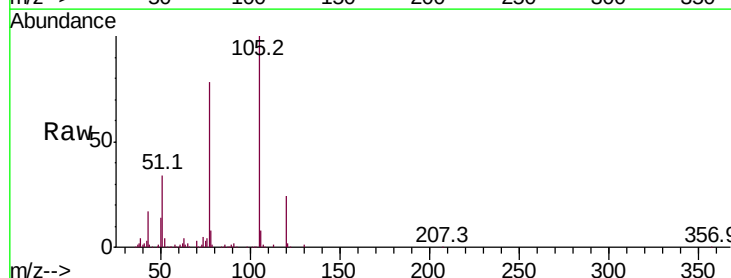
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 38.679 ng  
RT: 9.00 min Scan# 1006  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 260537 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.3   | 0.8   | 1.2#   |
| 51       | 33.5  | 30.2  | 45.2   |
| 120      | 24.4  | 18.0  | 27.0   |



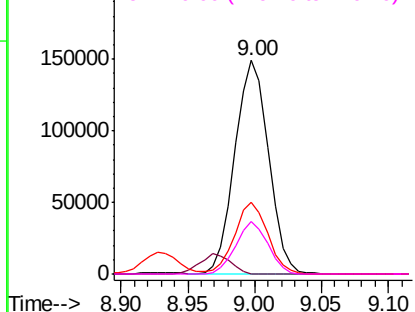
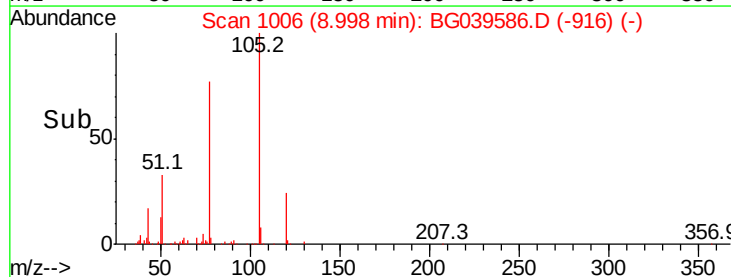
Abundance

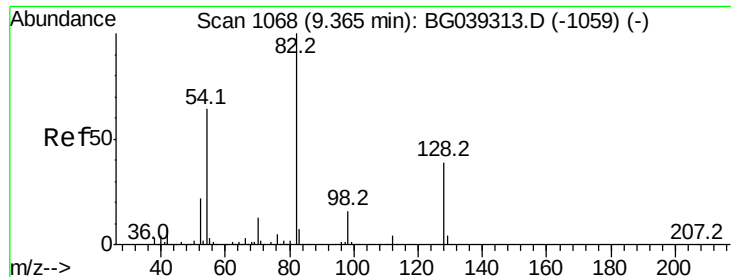
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

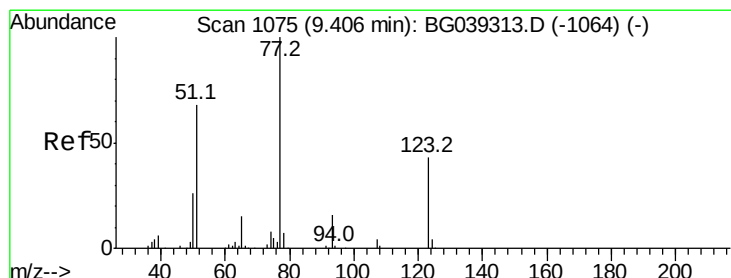
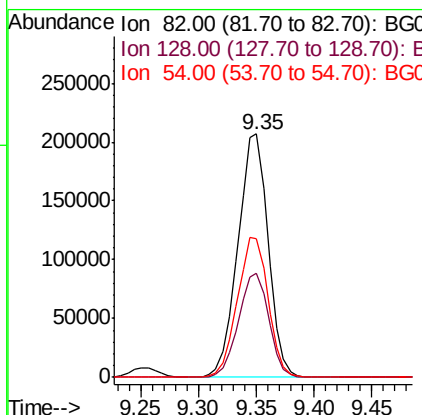
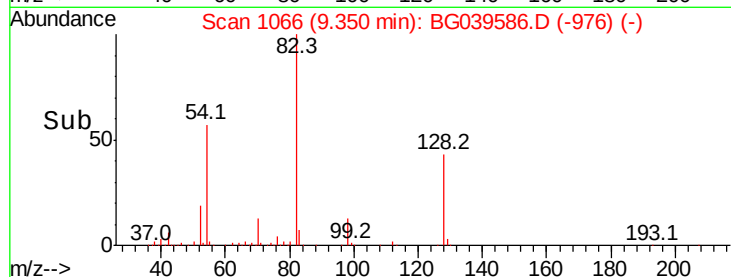
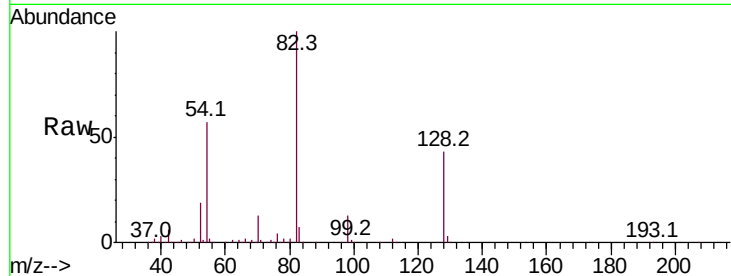




#23  
Nitrobenzene-d5  
Concen: 93.566 ng  
RT: 9.35 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

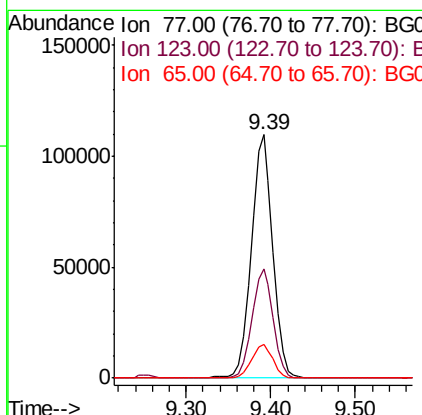
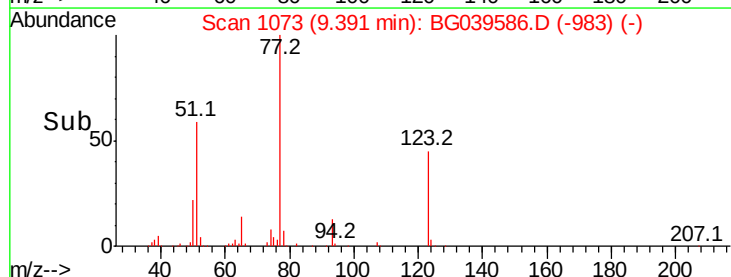
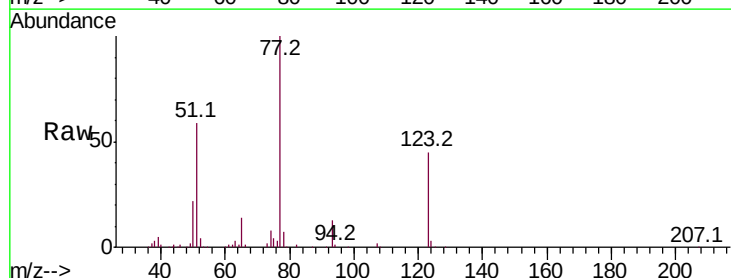
Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

Tot Ion: 82 Resp: 375578  
Ion Ratio Lower Upper  
82 100  
128 42.8 31.3 46.9  
54 56.8 50.9 76.3

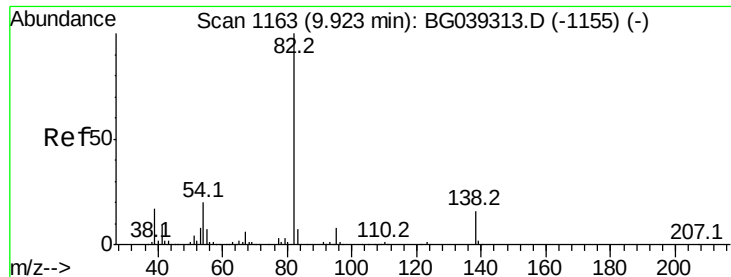


#24  
Nitrobenzene  
Concen: 44.630 ng  
RT: 9.39 min Scan# 1073  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Tgt Ion: 77 Resp: 193535  
Ion Ratio Lower Upper  
77 100  
123 44.7 34.1 51.1  
65 13.6 12.3 18.5



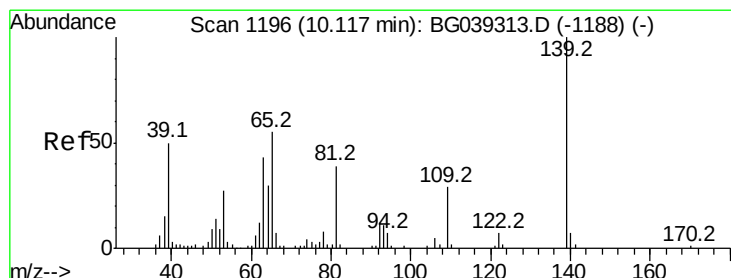
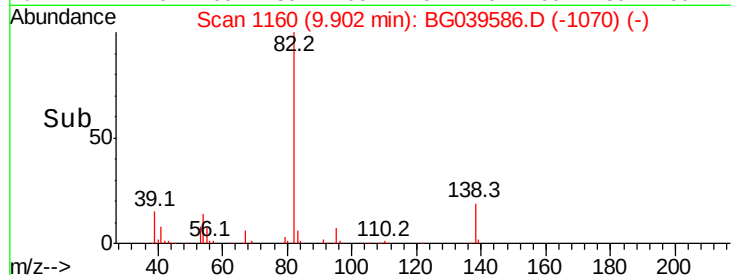
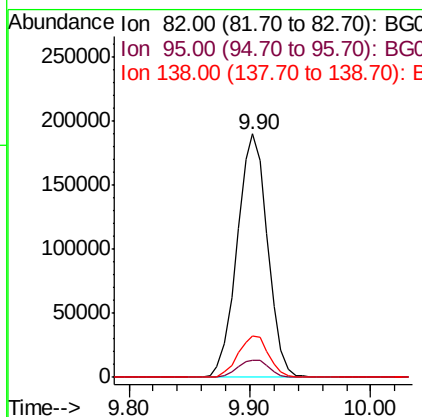
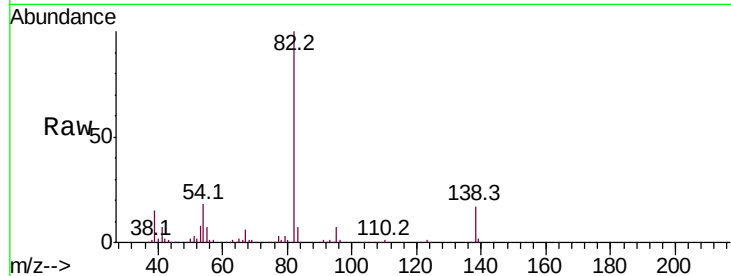




#25  
Isophorone  
Concen: 37.330 ng  
RT: 9.90 min Scan# 1160  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

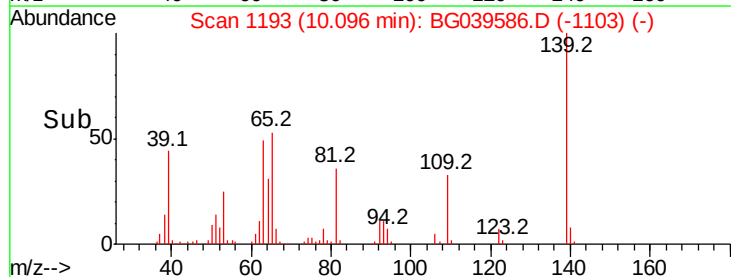
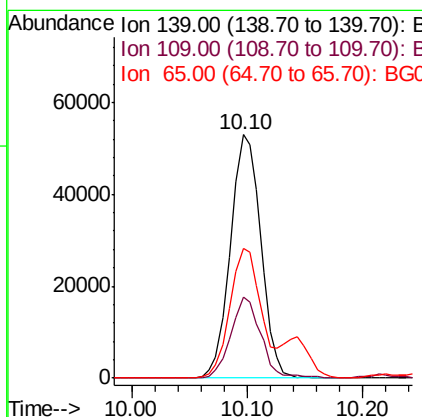
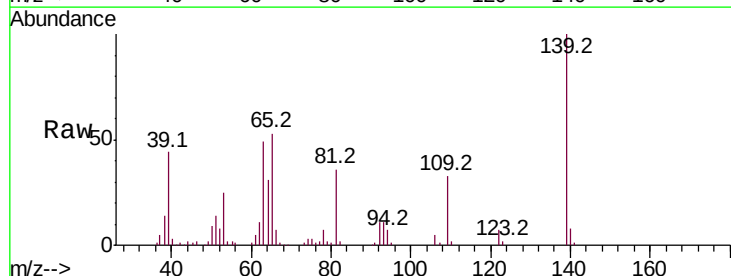
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

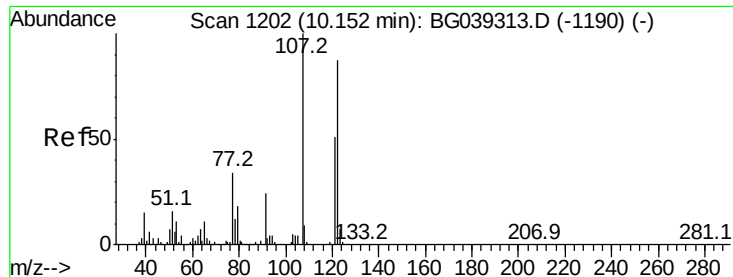
Tot Ion: 82 Resp: 332051  
Ion Ratio Lower Upper  
82 100  
95 6.8 6.2 9.2  
138 17.1 13.0 19.4



#26  
2-Nitrophenol  
Concen: 54.393 ng  
RT: 10.10 min Scan# 1193  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Tgt Ion: 139 Resp: 96405  
Ion Ratio Lower Upper  
139 100  
109 33.2 23.4 35.0  
65 53.3 44.3 66.5





#27

2,4-Dimethylphenol

Concen: 39.674 ng

RT: 10.14 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

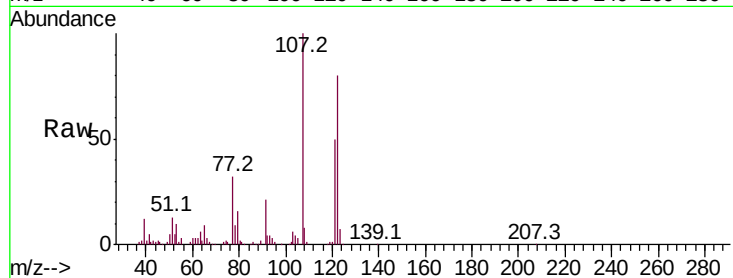
Tot Ion:122 Resp: 142757

Ion Ratio Lower Upper

122 100

107 125.4 91.7 137.5

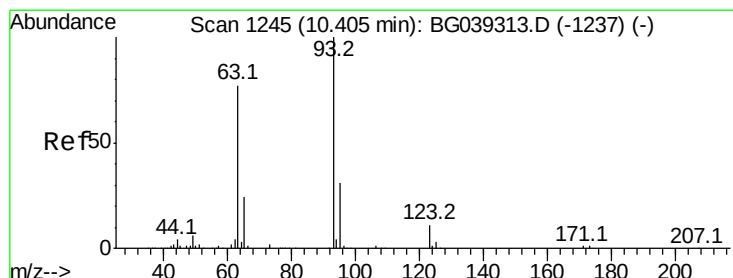
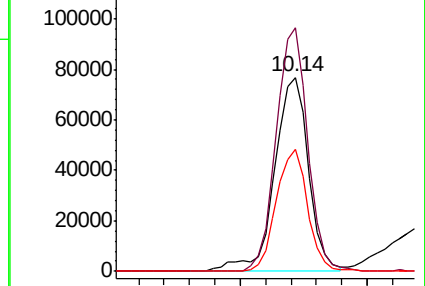
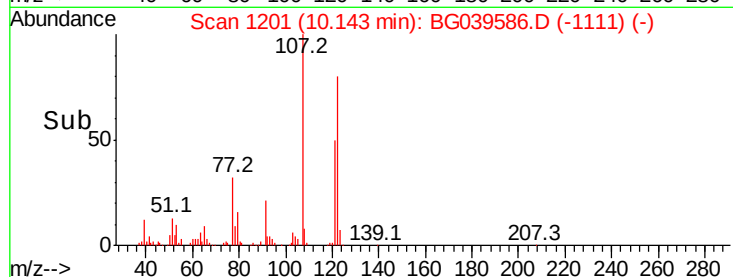
121 63.1 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.361 ng

RT: 10.38 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

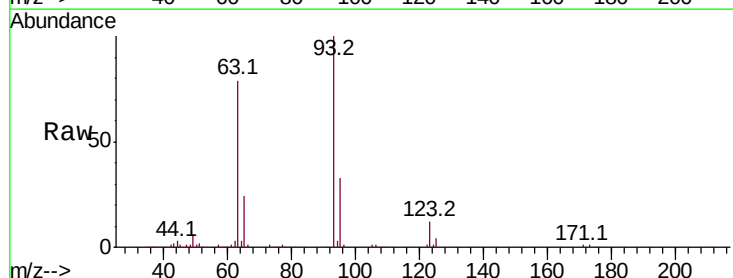
Tgt Ion: 93 Resp: 215654

Ion Ratio Lower Upper

93 100

95 33.0 25.0 37.4

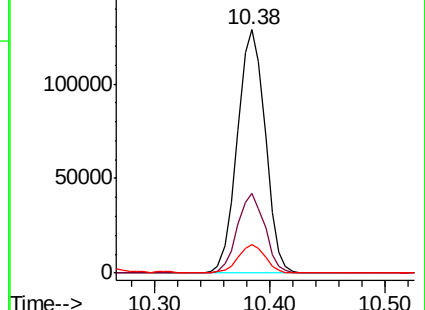
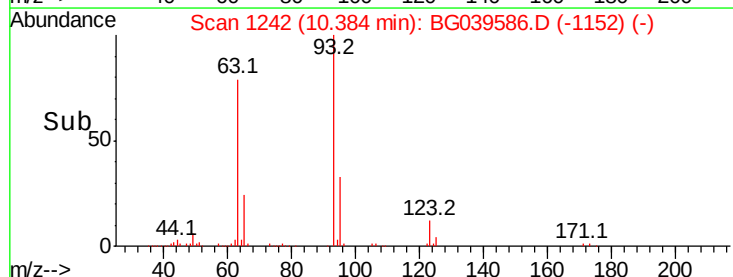
123 11.7 8.6 12.8

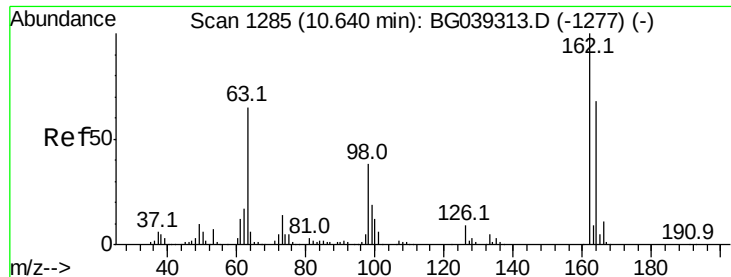


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

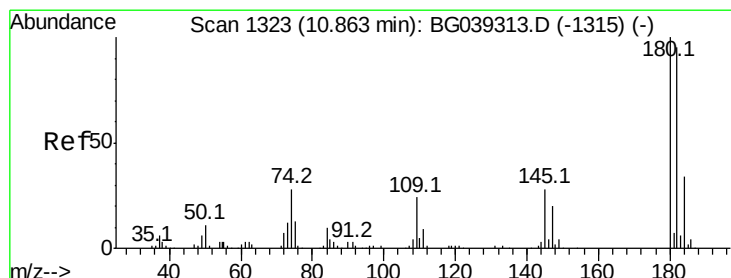
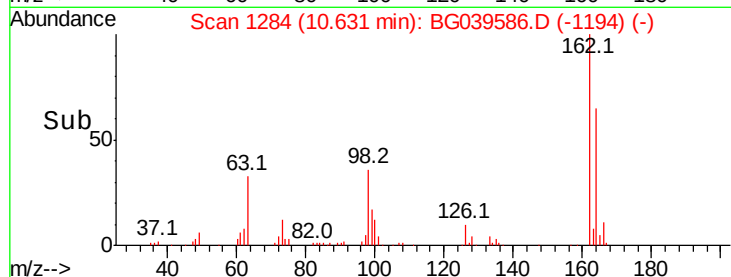
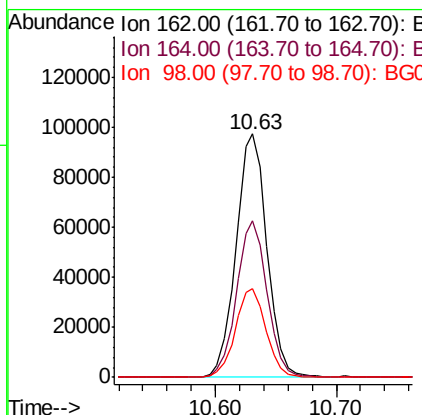
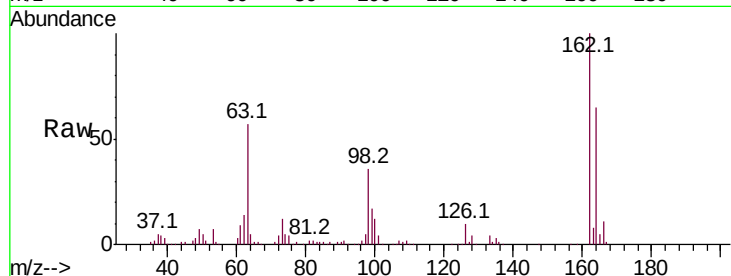




#29  
2,4-Dichlorophenol  
Concen: 44.085 ng  
RT: 10.63 min Scan# 1284  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

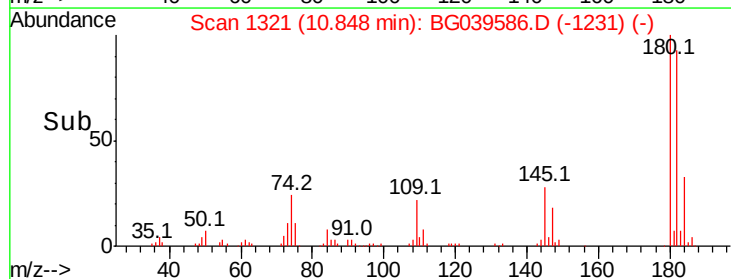
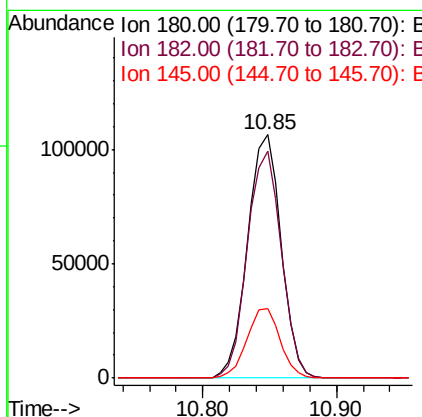
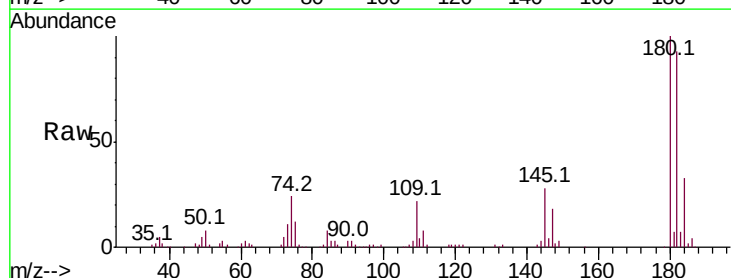
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

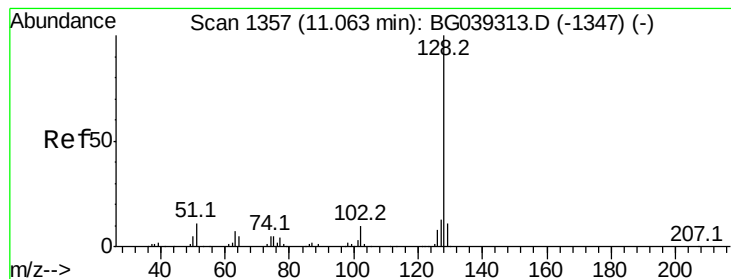
Tot Ion:162 Resp: 173372  
Ion Ratio Lower Upper  
162 100  
164 64.6 48.1 88.1  
98 36.2 18.1 58.1



#30  
1,2,4-Trichlorobenzene  
Concen: 41.814 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Tgt Ion:180 Resp: 184617  
Ion Ratio Lower Upper  
180 100  
182 93.2 76.0 114.0  
145 28.4 22.7 34.1

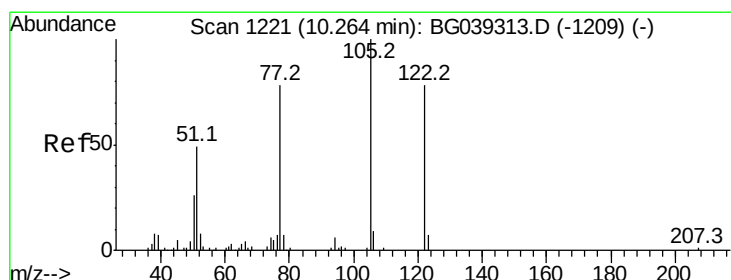
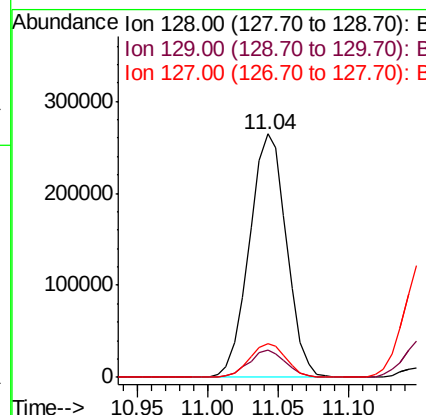
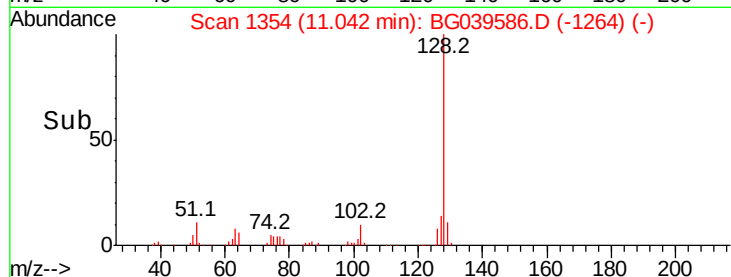
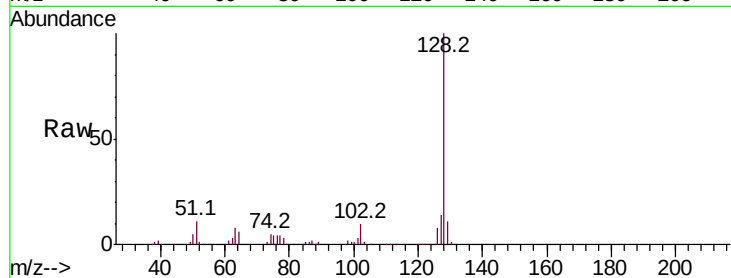




#31  
Naphthalene  
Concen: 39.170 ng  
RT: 11.04 min Scan# 1354  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

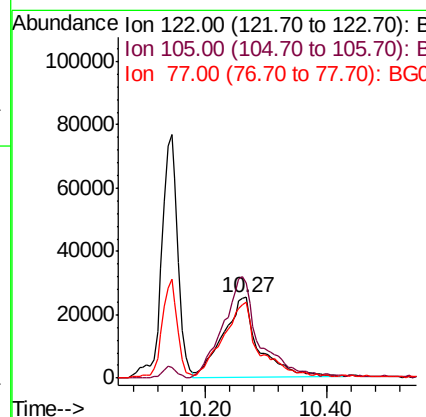
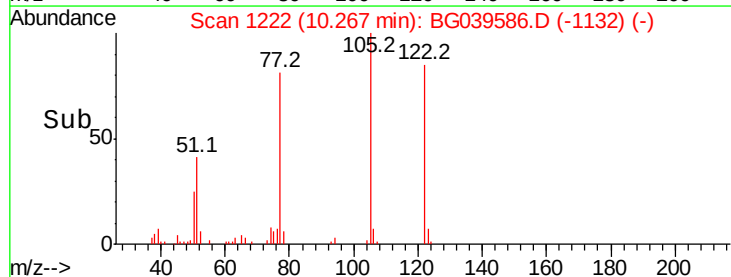
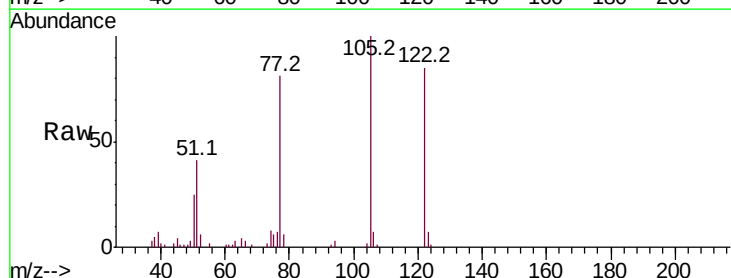
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

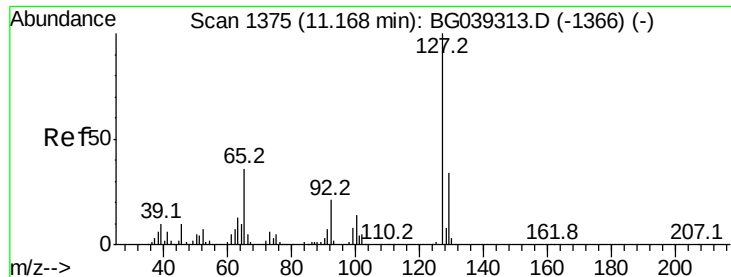
Tot Ion:128 Resp: 487278  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.7 13.1  
127 14.0 10.8 16.2



#32  
Benzoic acid  
Concen: 45.174 ng  
RT: 10.27 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Tgt Ion:122 Resp: 104899  
Ion Ratio Lower Upper  
122 100  
105 117.2 101.8 141.8  
77 94.5 76.3 116.3

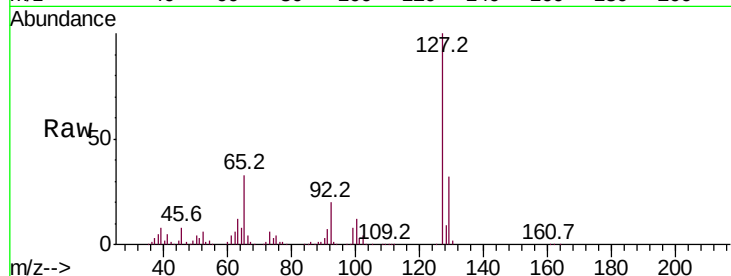




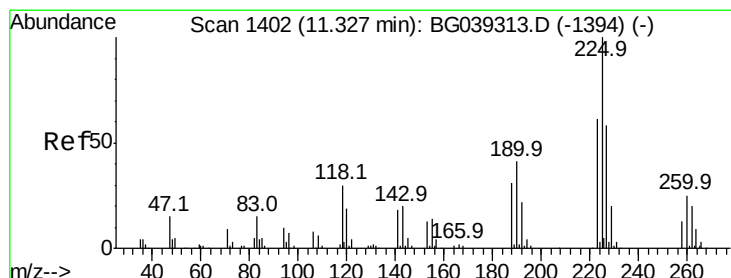
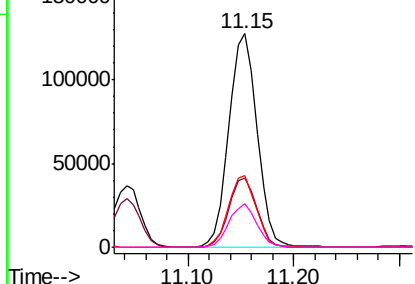
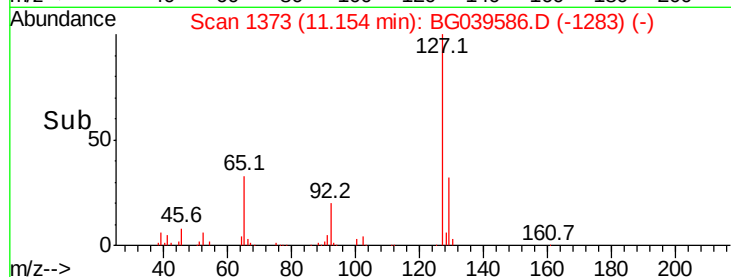
#33  
4-Chloroaniline  
Concen: 40.776 ng  
RT: 11.15 min Scan# 1373  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 235202 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 27.0  | 40.4   |
| 65       | 33.3  | 28.8  | 43.2   |
| 92       | 20.1  | 16.6  | 25.0   |

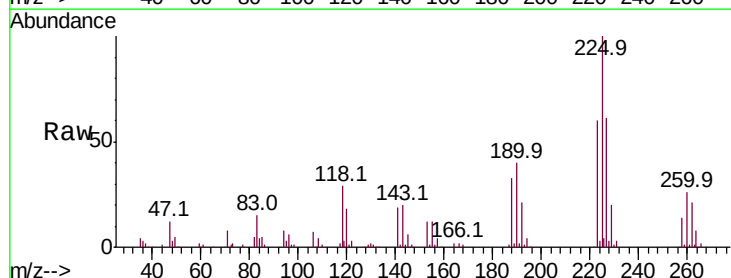


Abundance Ion 127.00 (126.70 to 127.70): E  
200000  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

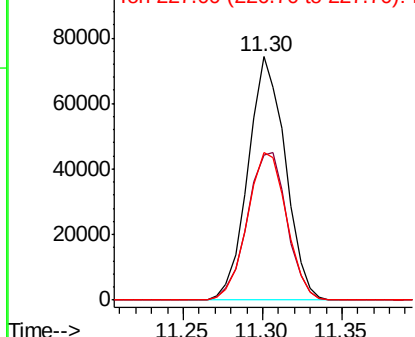
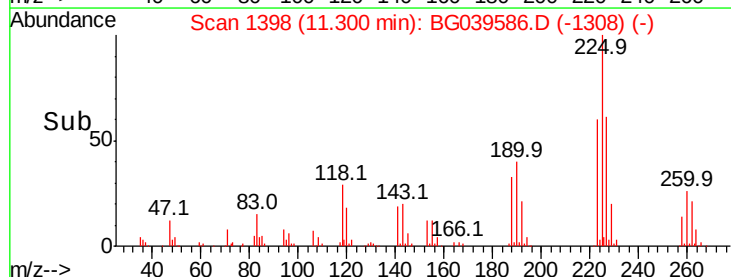


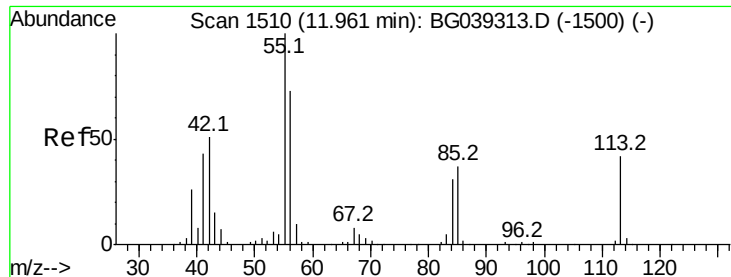
#34  
Hexachlorobutadiene  
Concen: 41.360 ng  
RT: 11.30 min Scan# 1398  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 121442 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 59.7  | 49.0  | 73.6   |
| 227      | 60.8  | 46.3  | 69.5   |



Abundance Ion 225.00 (224.70 to 225.70): E  
100000  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.740 ng

RT: 11.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

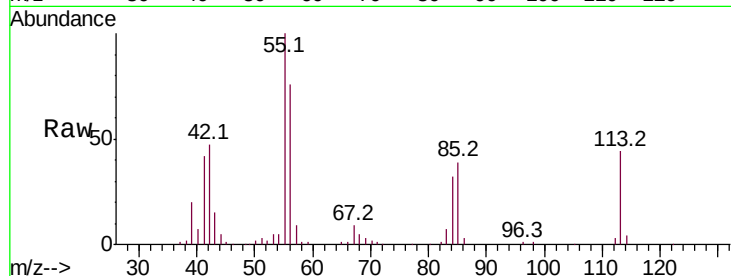
Tot Ion:113 Resp: 64671

Ion Ratio Lower Upper

113 100

55 226.4 216.9 256.9

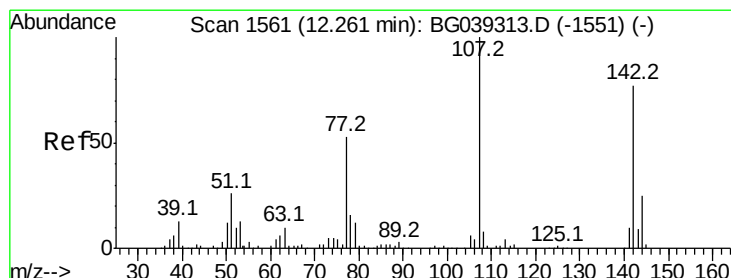
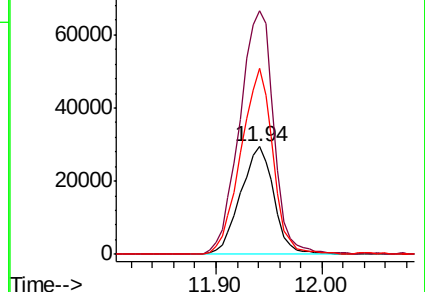
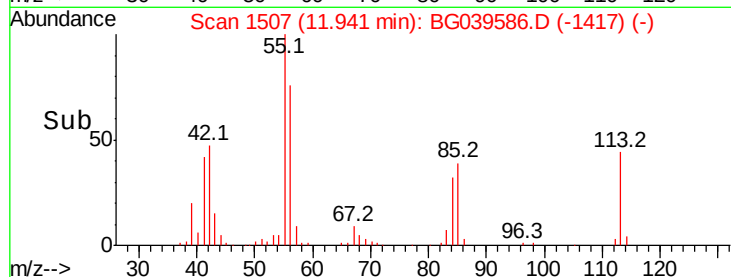
56 173.0 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.820 ng

RT: 12.25 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

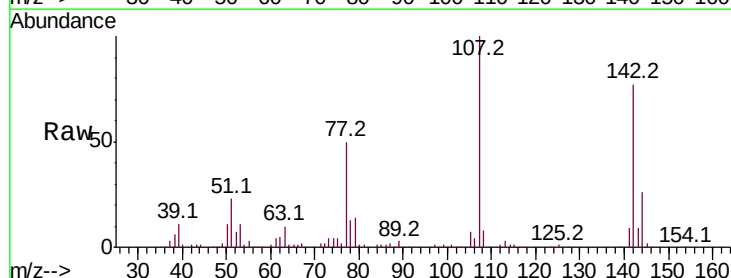
Tgt Ion:107 Resp: 190204

Ion Ratio Lower Upper

107 100

144 26.2 20.2 30.2

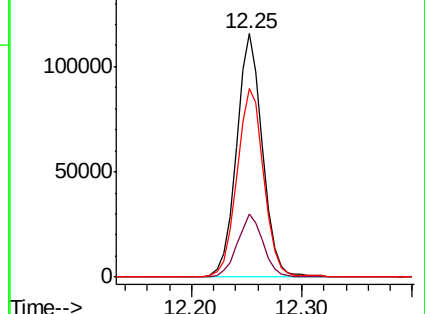
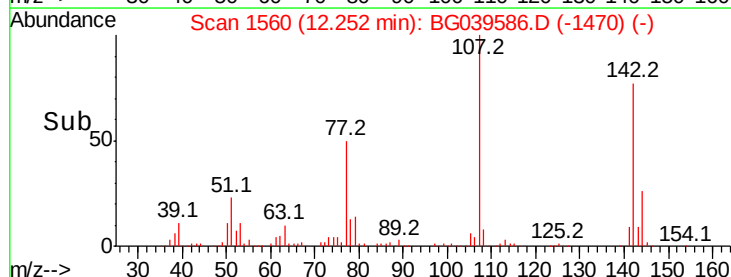
142 77.4 61.4 92.2

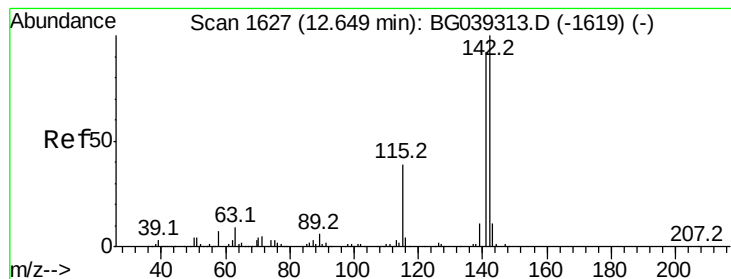


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.964 ng

RT: 12.63 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

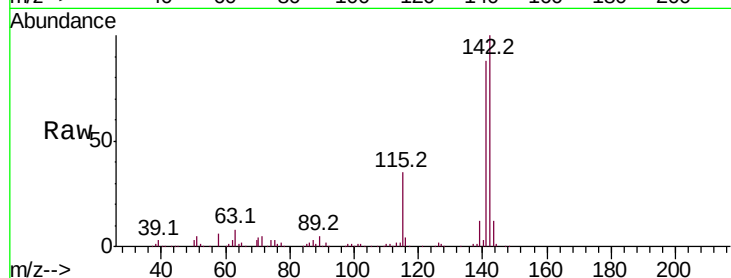
Tot Ion:142 Resp: 359007

Ion Ratio Lower Upper

142 100

141 88.1 73.5 110.3

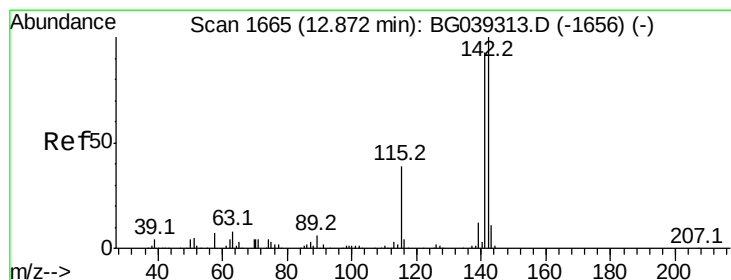
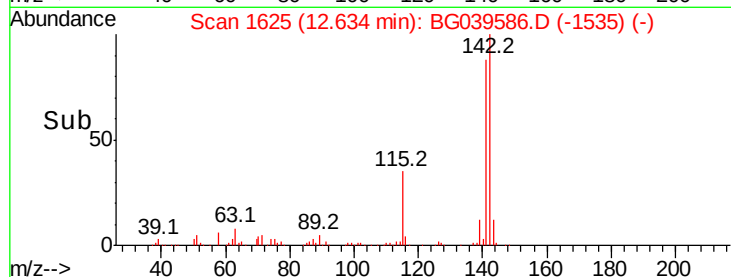
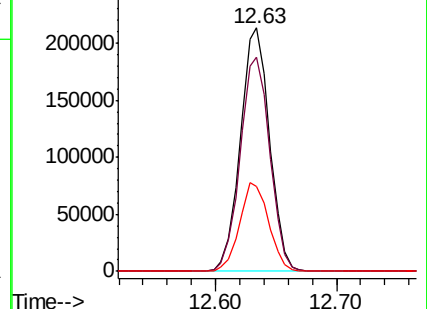
115 34.7 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.165 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

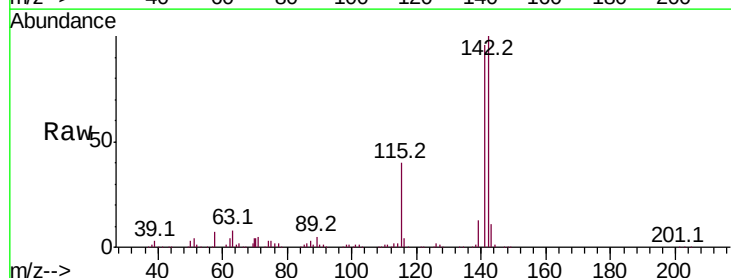
Tgt Ion:142 Resp: 347854

Ion Ratio Lower Upper

142 100

141 95.9 74.2 111.4

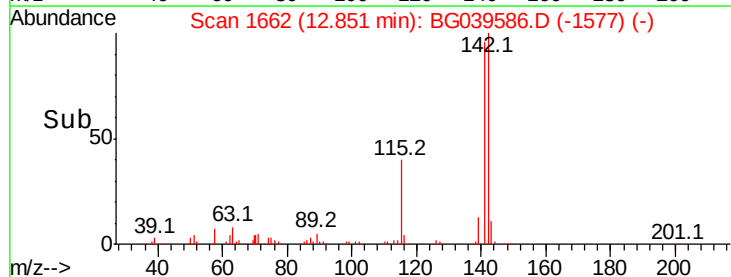
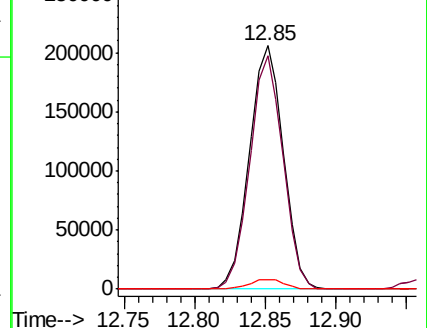
116 4.0 3.0 4.6

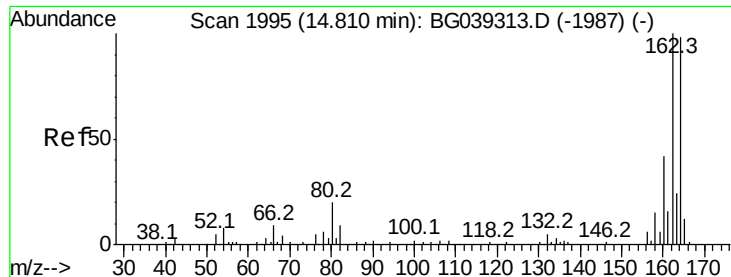


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

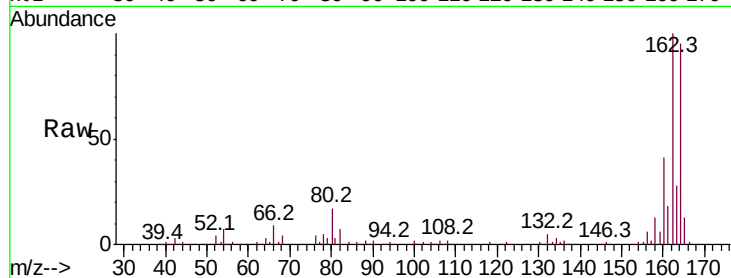
Tot Ion:164 Resp: 168290

Ion Ratio Lower Upper

164 100

162 104.9 81.6 122.4

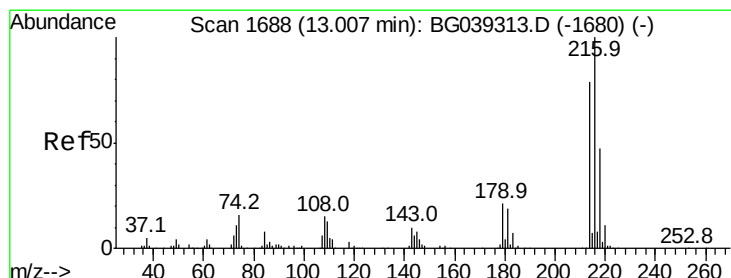
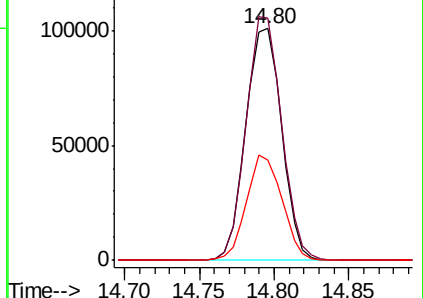
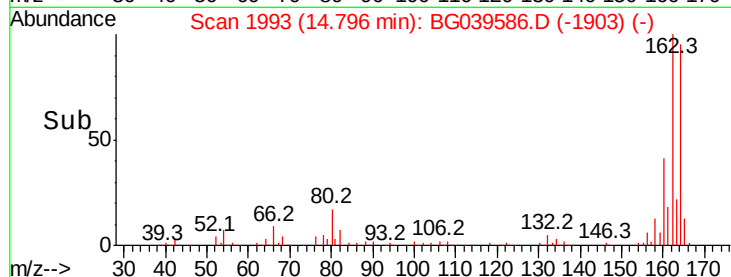
160 43.2 34.2 51.2



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: 41.960 ng

RT: 12.99 min Scan# 1686

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Tgt Ion:216 Resp: 224677

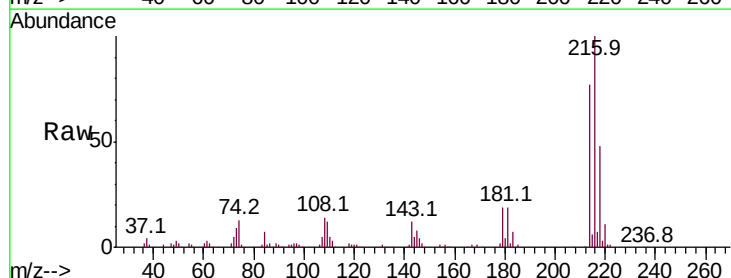
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 20.2 16.6 25.0

108 15.6 14.0 21.0

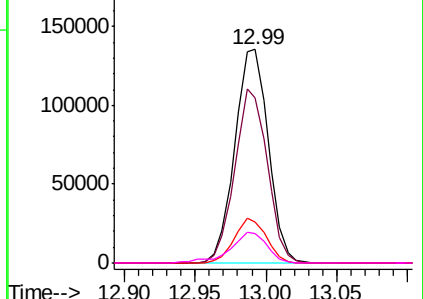
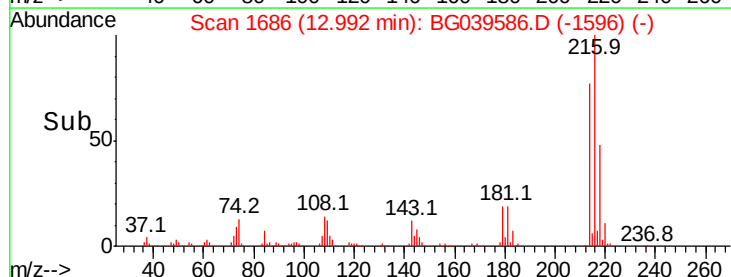


Abundance Ion 216.00 (215.70 to 216.70): E

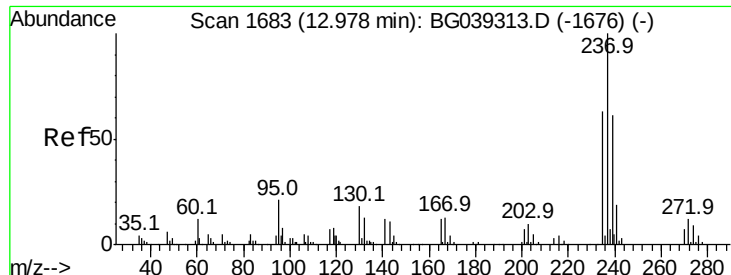
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 37.981 ng

RT: 12.96 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

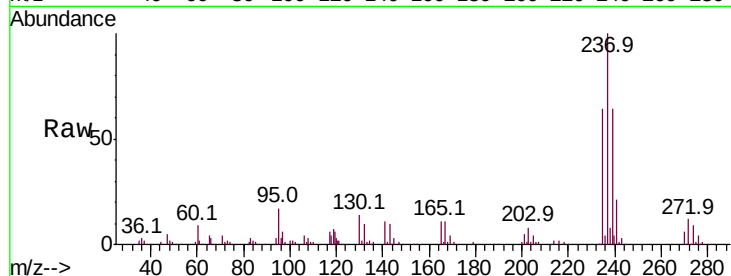
Tot Ion:237 Resp: 110818

Ion Ratio Lower Upper

237 100

235 63.9 43.3 83.3

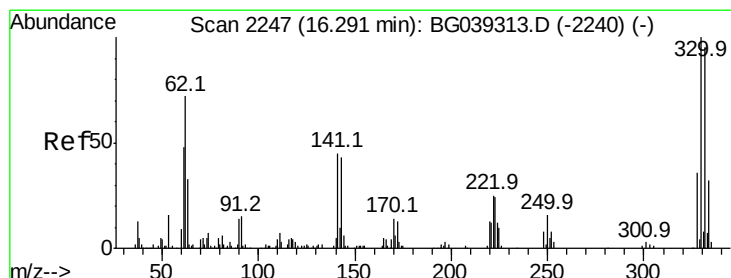
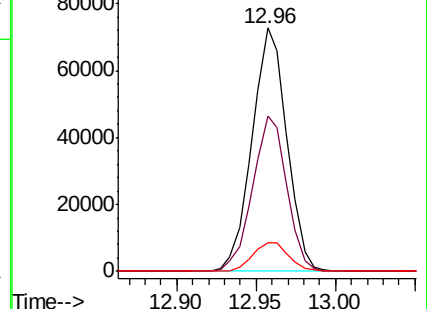
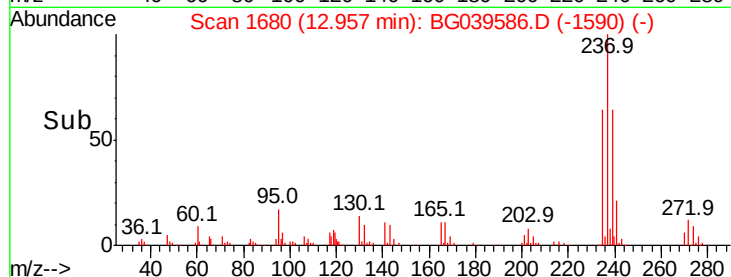
272 11.9 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 86.647 ng

RT: 16.28 min Scan# 2246

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

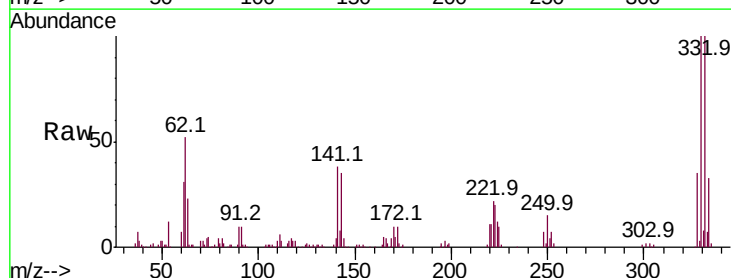
Tgt Ion:330 Resp: 157022

Ion Ratio Lower Upper

330 100

332 98.1 75.7 113.5

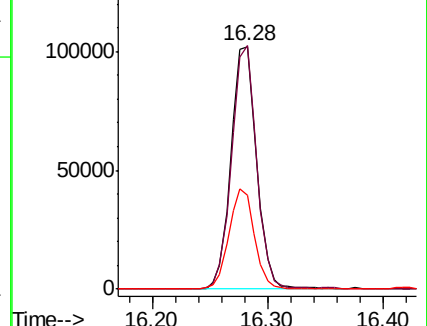
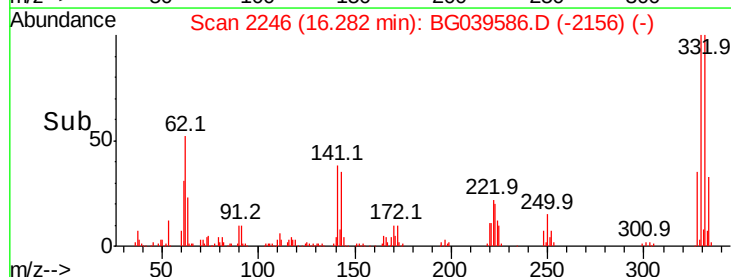
141 40.9 35.6 53.4

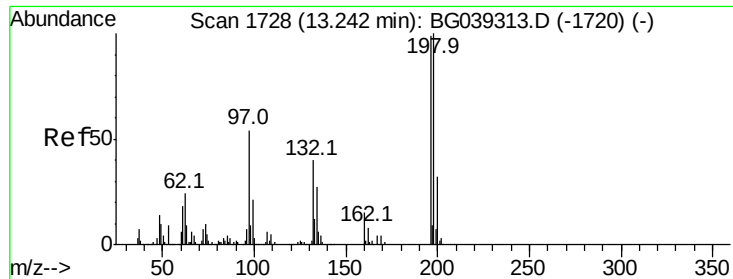


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

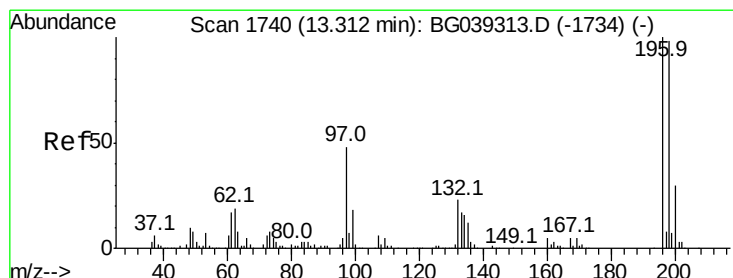
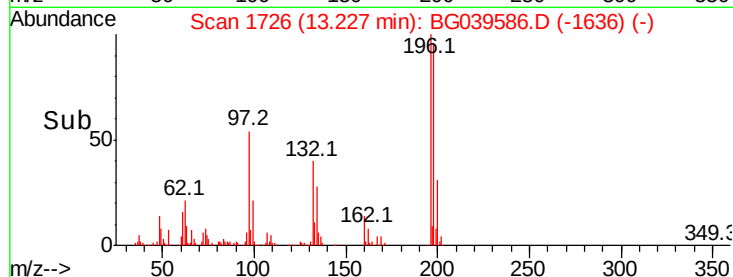
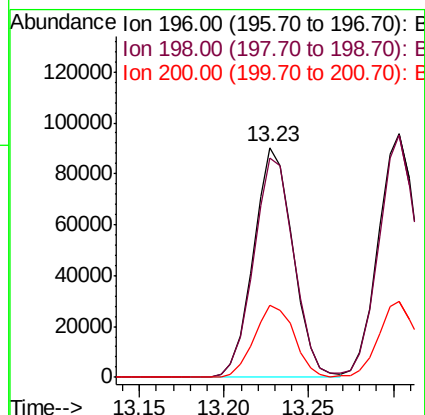
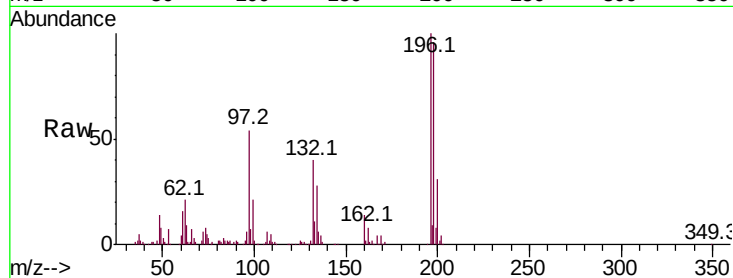




#43  
 2,4,6-Trichlorophenol  
 Concen: 44.264 ng  
 RT: 13.23 min Scan# 1726  
 Delta R.T. 0.00 min  
 Lab File: BG039586.D  
 Acq: 25 Feb 2019 14:38

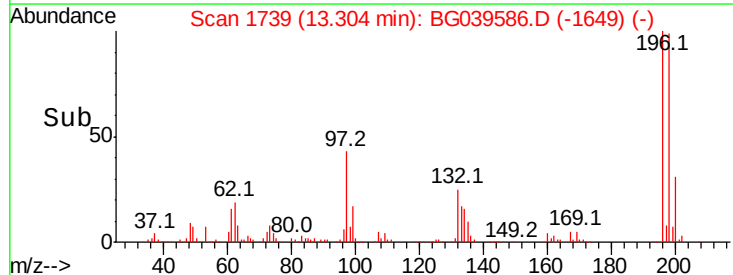
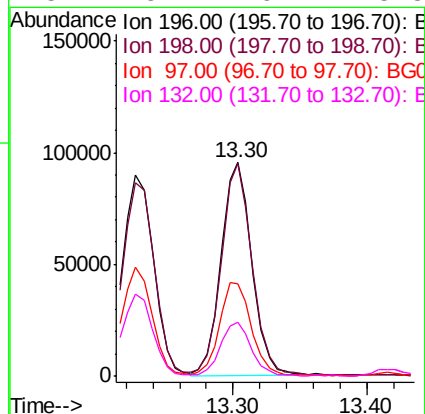
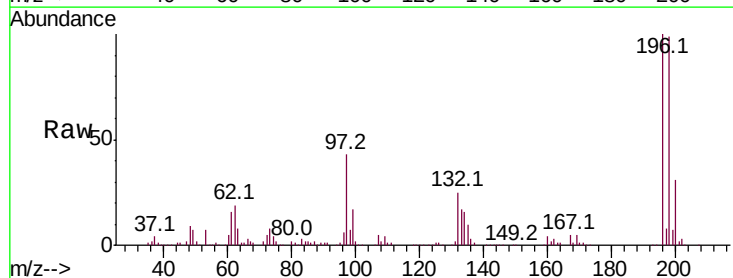
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

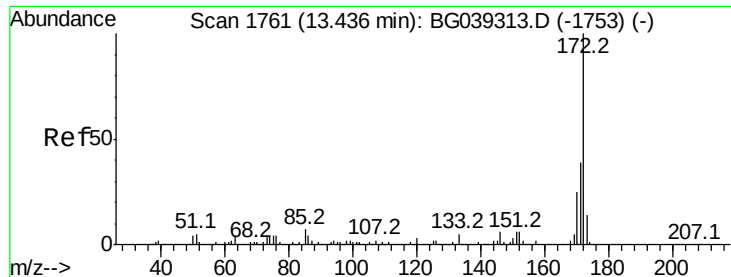
Tot Ion:196 Resp: 145727  
 Ion Ratio Lower Upper  
 196 100  
 198 95.7 80.6 121.0  
 200 31.3 26.1 39.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.863 ng  
 RT: 13.30 min Scan# 1739  
 Delta R.T. 0.00 min  
 Lab File: BG039586.D  
 Acq: 25 Feb 2019 14:38

Tgt Ion:196 Resp: 154802  
 Ion Ratio Lower Upper  
 196 100  
 198 99.3 78.5 117.7  
 97 43.3 38.4 57.6  
 132 25.1 19.2 28.8



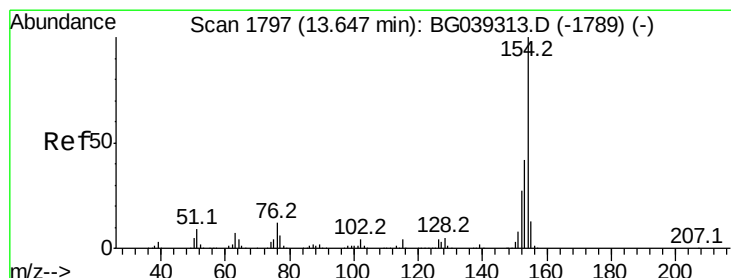
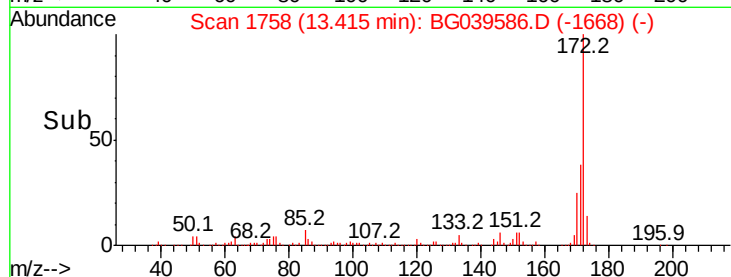
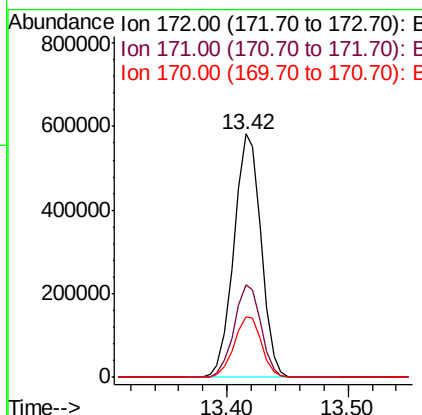
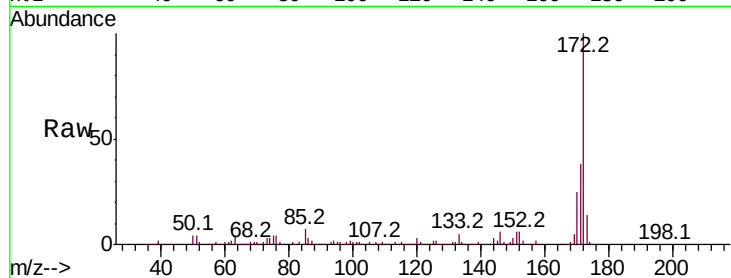


#45  
 2-Fluorobiphenyl  
 Concen: 77.572 ng  
 RT: 13.42 min Scan# 1758  
 Delta R.T. 0.00 min  
 Lab File: BG039586.D  
 Acq: 25 Feb 2019 14:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:172 Resp: 910013  

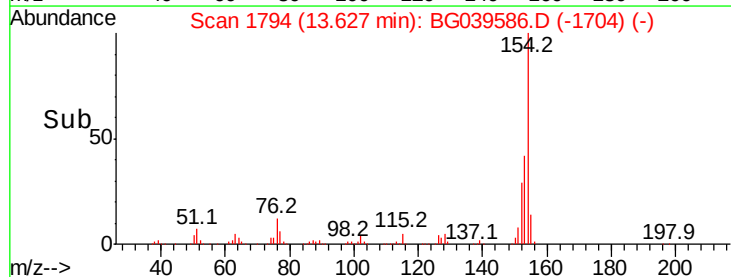
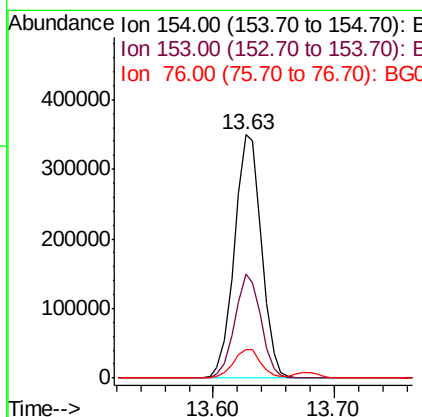
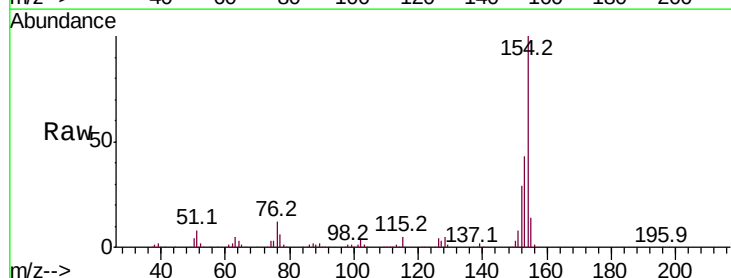
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 38.2  | 30.8  | 46.2  |
| 170 | 24.9  | 20.2  | 30.4  |

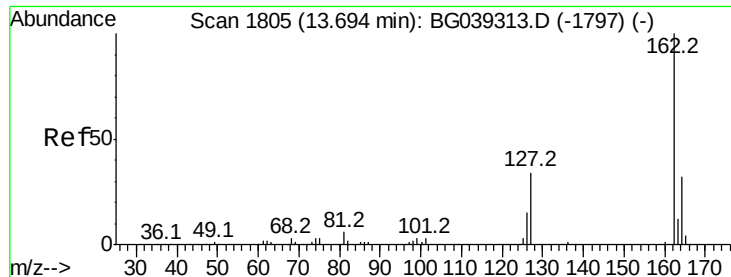


#46  
 1,1'-Biphenyl  
 Concen: 38.793 ng  
 RT: 13.63 min Scan# 1794  
 Delta R.T. 0.00 min  
 Lab File: BG039586.D  
 Acq: 25 Feb 2019 14:38

Tgt Ion:154 Resp: 543190  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.5  | 22.1  | 62.1  |
| 76  | 11.9  | 0.0   | 32.4  |

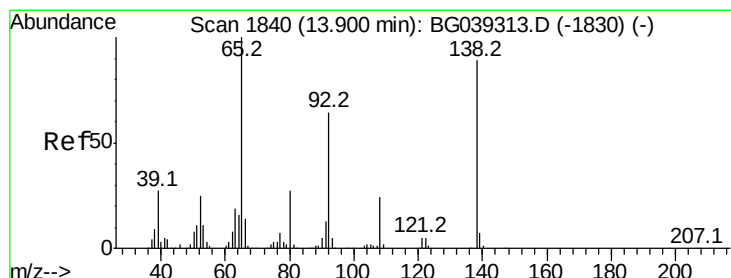
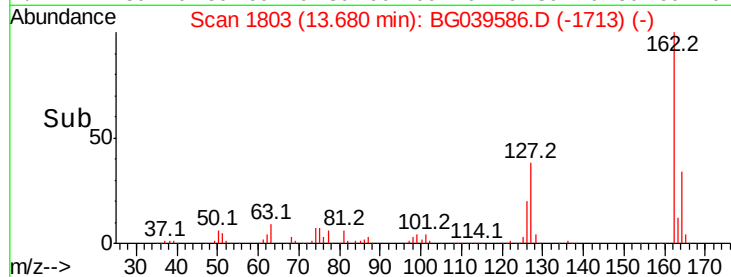
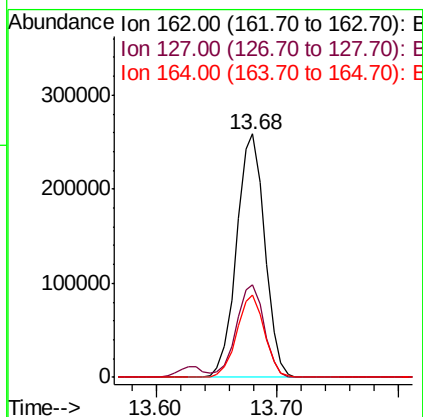
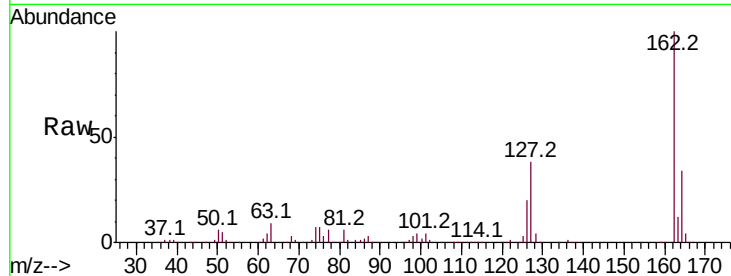




#47  
2-Chloronaphthalene  
Concen: 39.970 ng  
RT: 13.68 min Scan# 1803  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

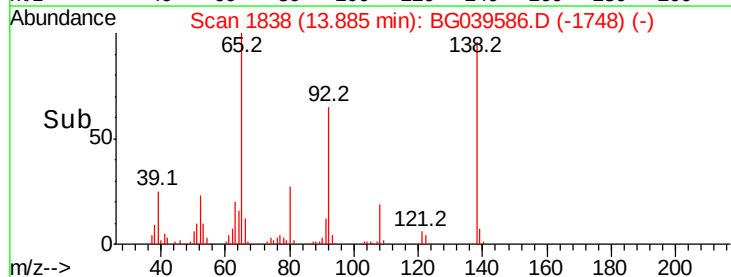
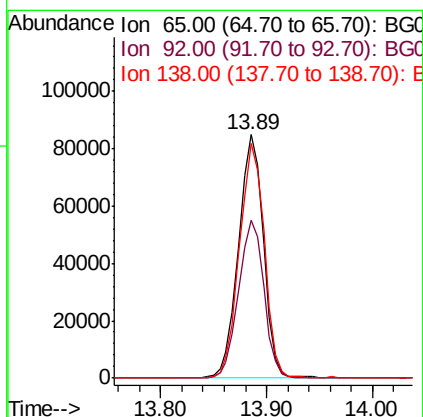
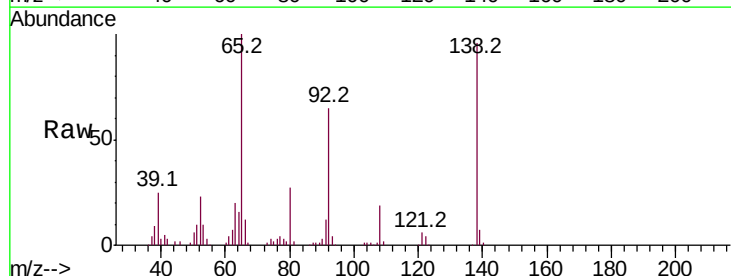
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

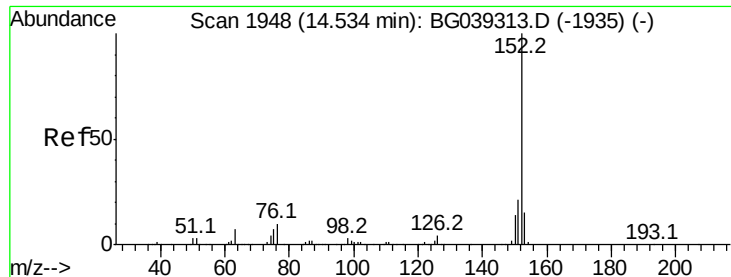
Tot Ion:162 Resp: 421021  
Ion Ratio Lower Upper  
162 100  
127 38.0 31.0 46.6  
164 33.7 25.7 38.5



#48  
2-Nitroaniline  
Concen: 46.050 ng  
RT: 13.89 min Scan# 1838  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Tgt Ion: 65 Resp: 138109  
Ion Ratio Lower Upper  
65 100  
92 65.1 51.4 77.2  
138 96.1 71.4 107.2





#49

Acenaphthylene

Concen: 38.565 ng

RT: 14.52 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

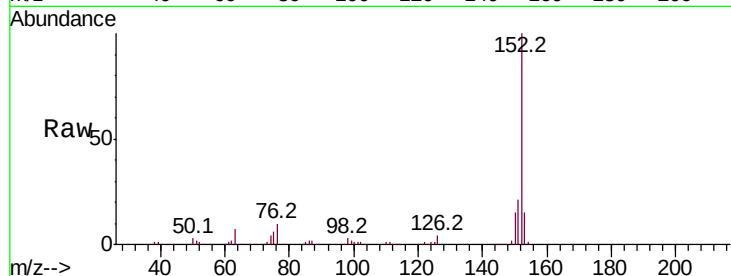
Tot Ion:152 Resp: 612967

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

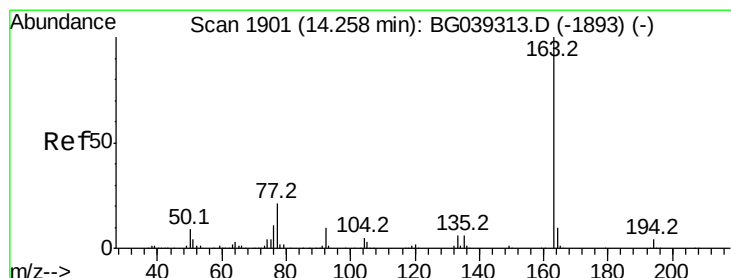
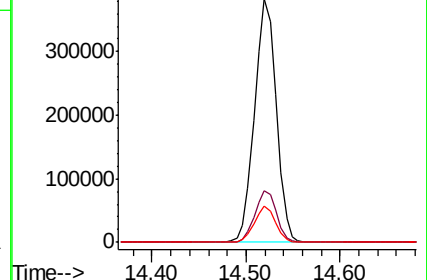
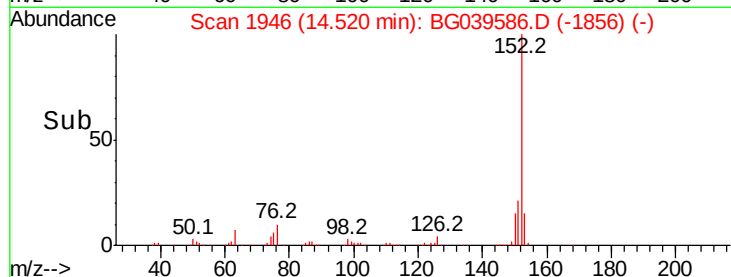
153 15.0 11.7 17.5



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: 38.955 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

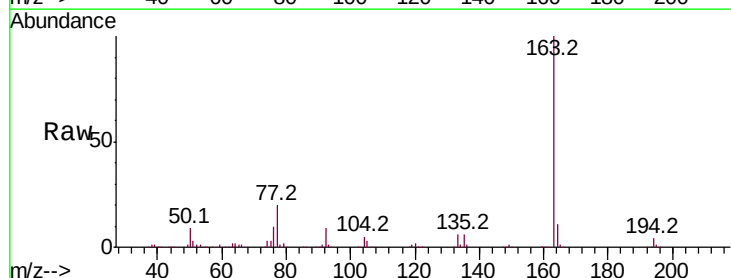
Tgt Ion:163 Resp: 529467

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

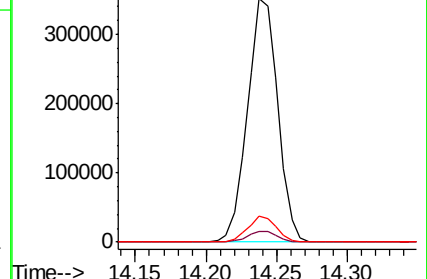
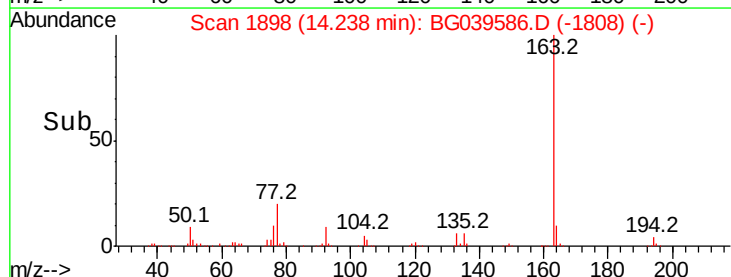
164 10.6 8.4 12.6

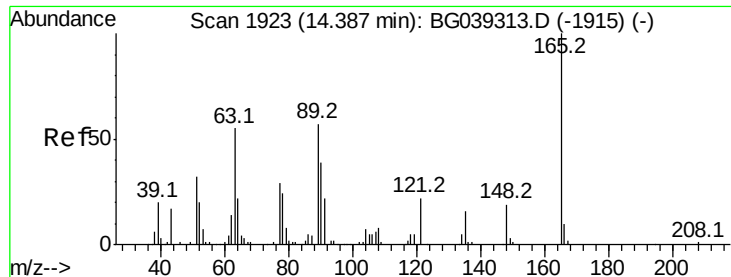


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.890 ng

RT: 14.37 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

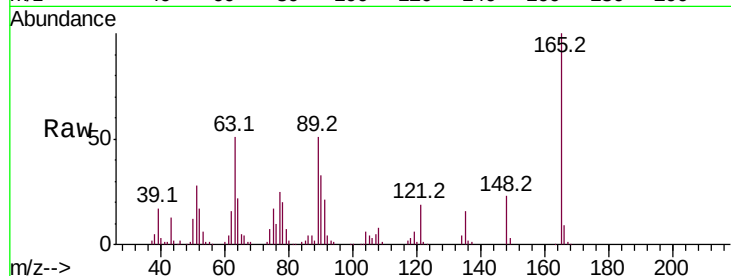
Tot Ion:165 Resp: 118666

Ion Ratio Lower Upper

165 100

63 51.2 47.0 70.6

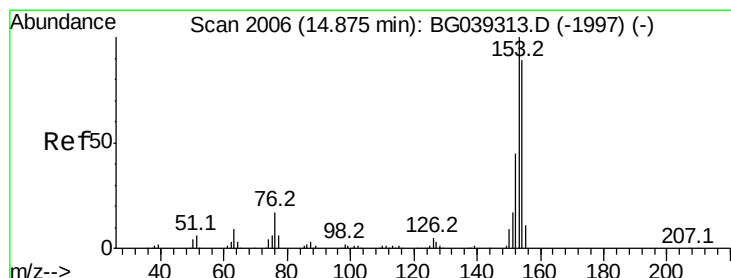
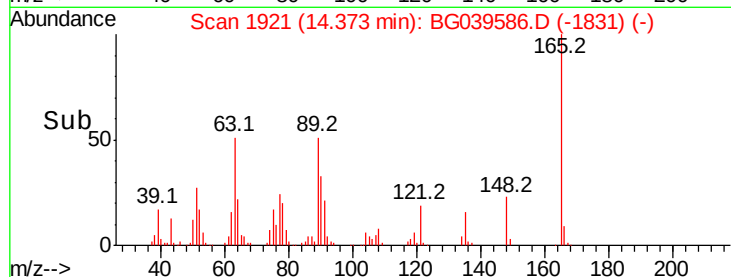
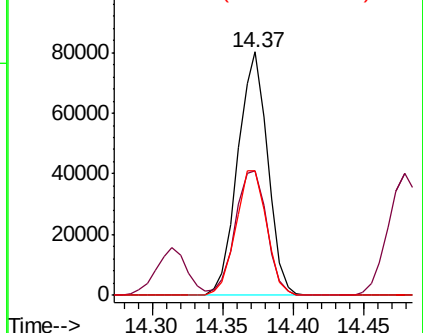
89 51.4 45.8 68.8



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



#52

Acenaphthene

Concen: 37.593 ng

RT: 14.86 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

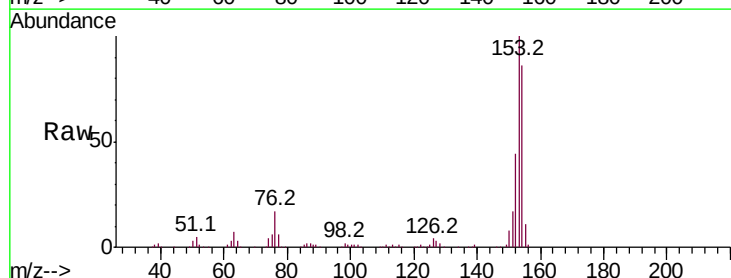
Tgt Ion:154 Resp: 387861

Ion Ratio Lower Upper

154 100

153 116.5 90.1 135.1

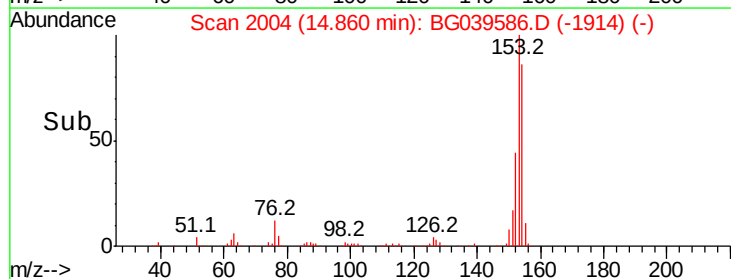
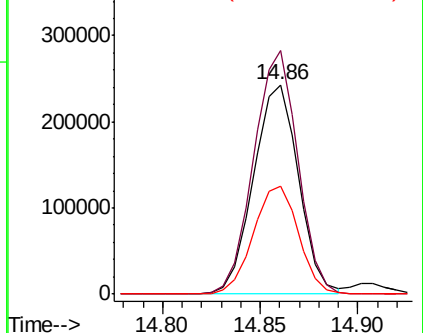
152 51.7 40.9 61.3

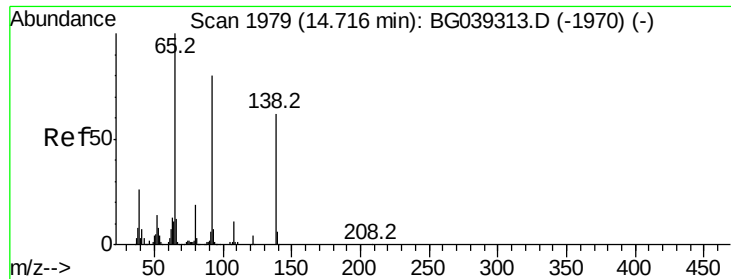


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 44.166 ng

RT: 14.71 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

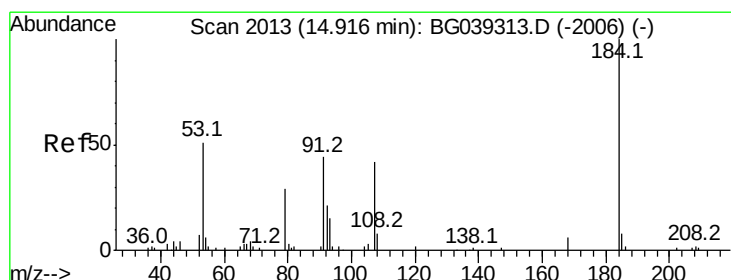
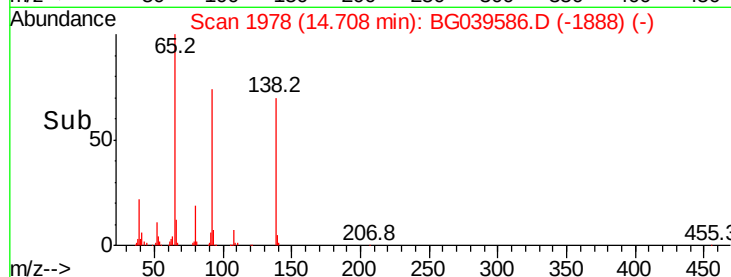
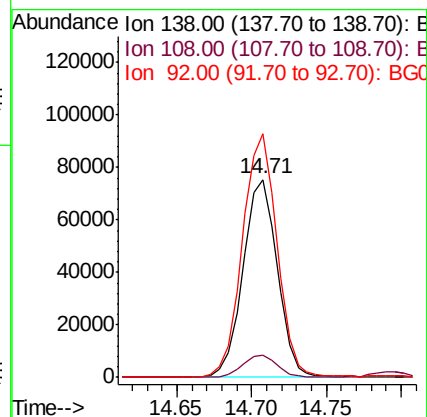
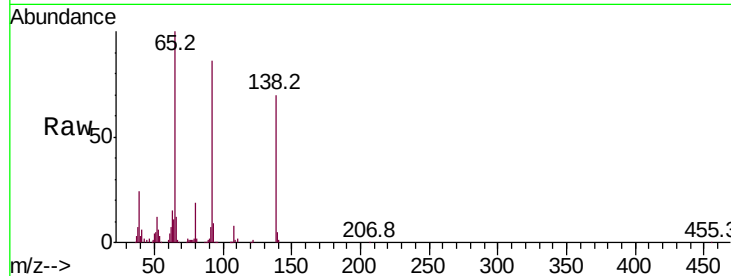
Tot Ion:138 Resp: 119616

Ion Ratio Lower Upper

138 100

108 11.3 13.8 20.8#

92 123.2 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 39.852 ng

RT: 14.91 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

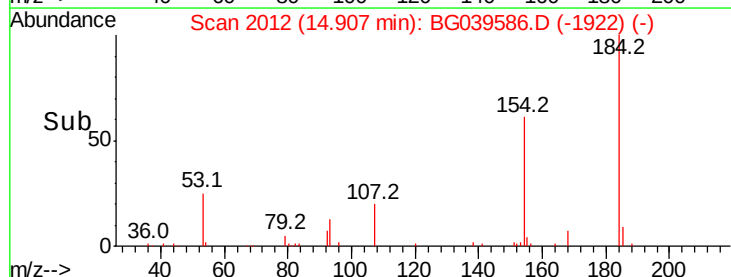
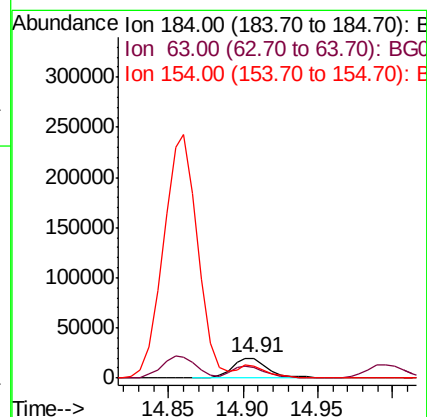
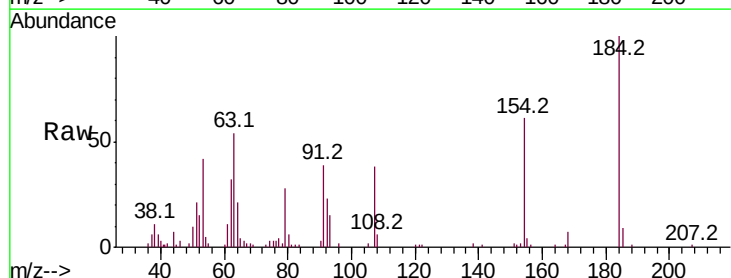
Tgt Ion:184 Resp: 33482

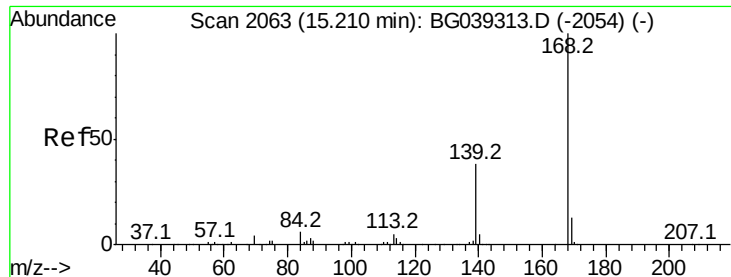
Ion Ratio Lower Upper

184 100

63 53.7 50.9 76.3

154 60.5 53.0 79.6

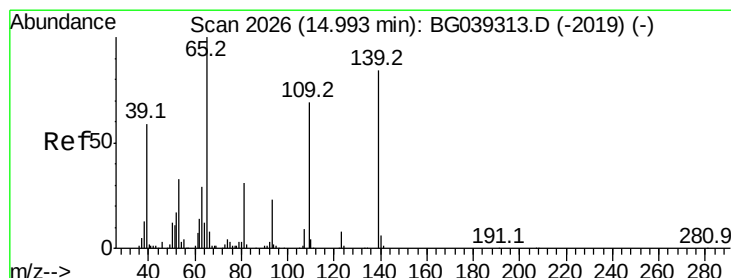
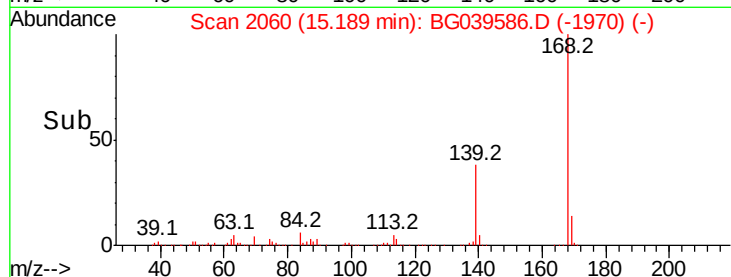
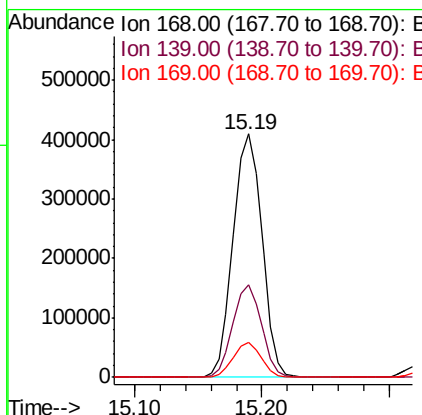
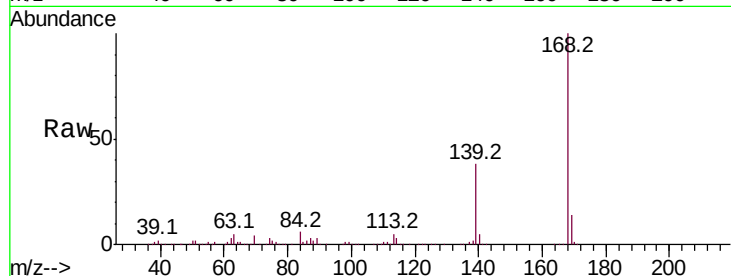




#55  
Dibenzofuran  
Concen: 39.127 ng  
RT: 15.19 min Scan# 2060  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

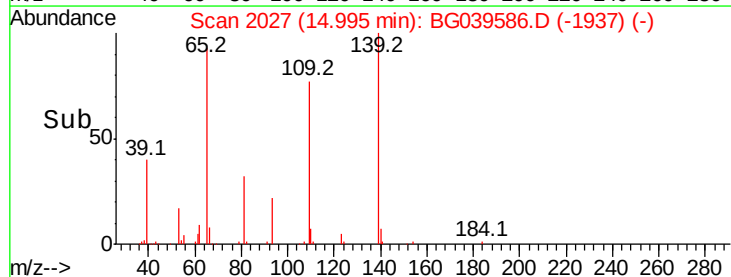
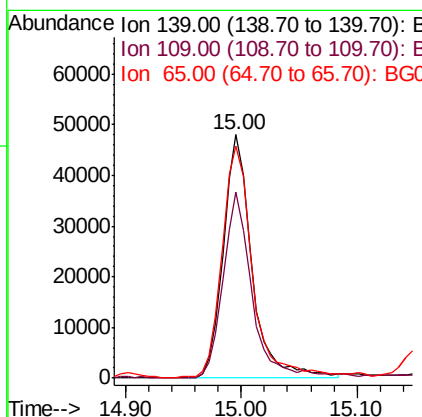
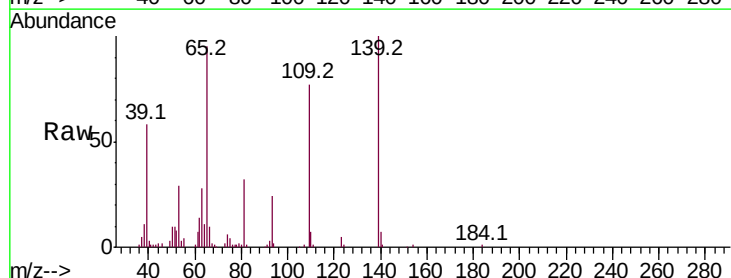
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.1  | 30.1  | 45.1  |
| 169     | 14.2  | 10.6  | 16.0  |

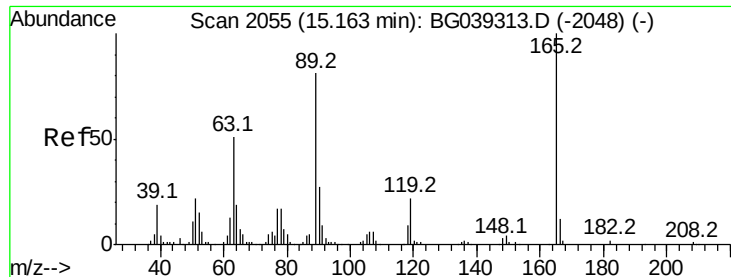


#56  
4-Nitrophenol  
Concen: 37.026 ng  
RT: 15.00 min Scan# 2027  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 76.6  | 61.9  | 101.9  |
| 65      | 95.2  | 99.1  | 139.1# |







#57

2,4-Dinitrotoluene

Concen: 49.762 ng

RT: 15.15 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 163036

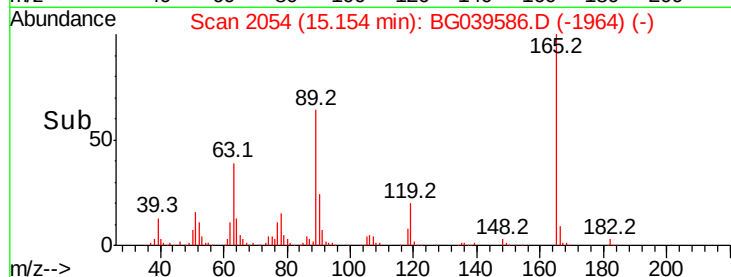
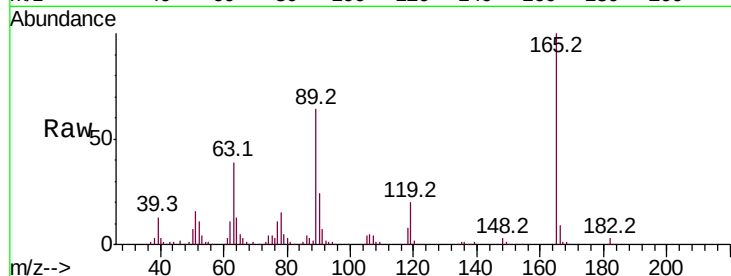
Ion Ratio Lower Upper

165 100

63 39.3 41.0 61.6#

89 63.5 64.6 96.8#

182 2.9 2.0 3.0

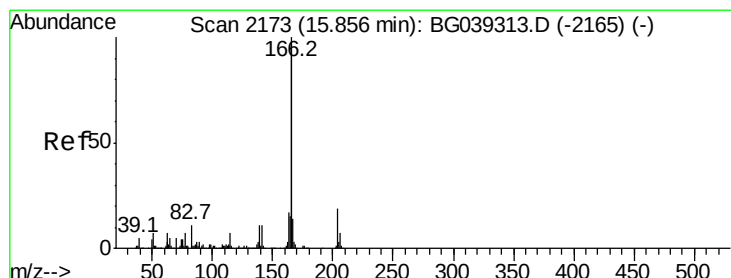
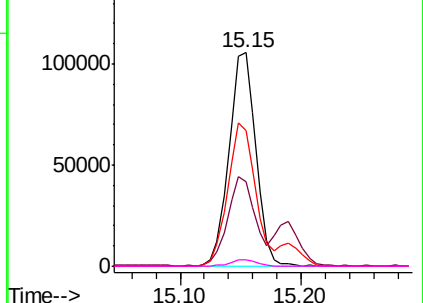


Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.263 ng

RT: 15.84 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

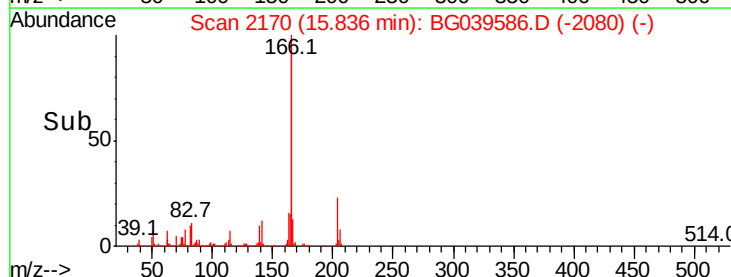
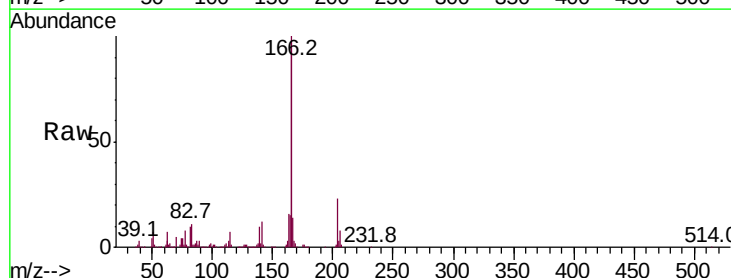
Tgt Ion:166 Resp: 471841

Ion Ratio Lower Upper

166 100

165 97.1 77.9 116.9

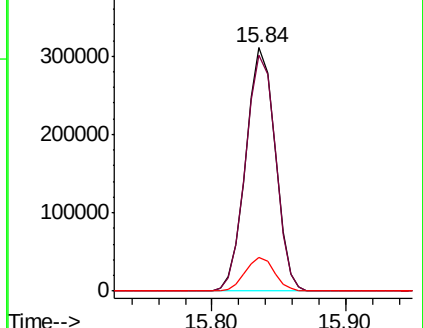
167 13.7 10.8 16.2

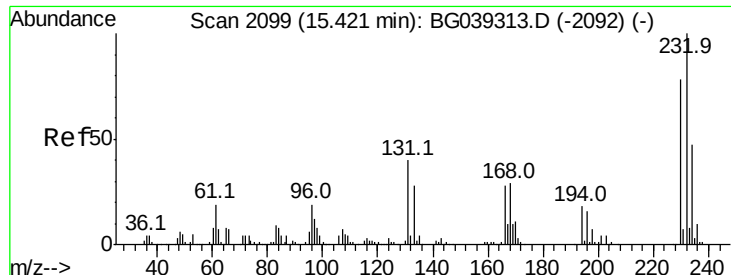


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

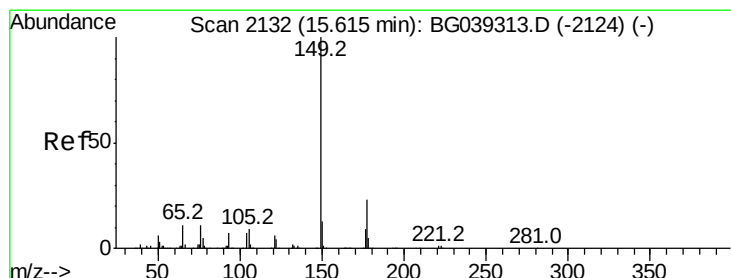
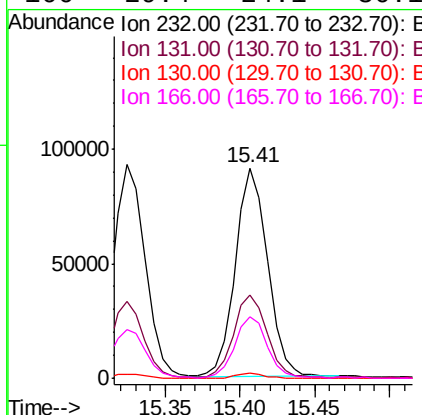
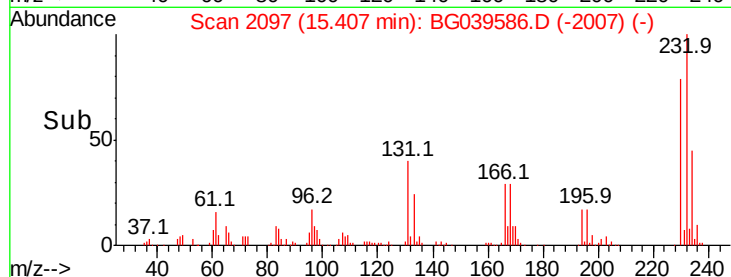
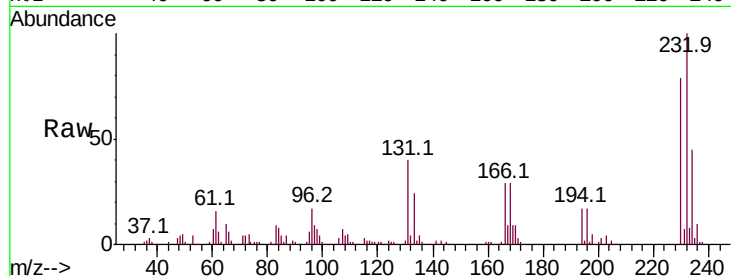




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.341 ng  
 RT: 15.41 min Scan# 2097  
 Delta R.T. 0.00 min  
 Lab File: BG039586.D  
 Acq: 25 Feb 2019 14:38

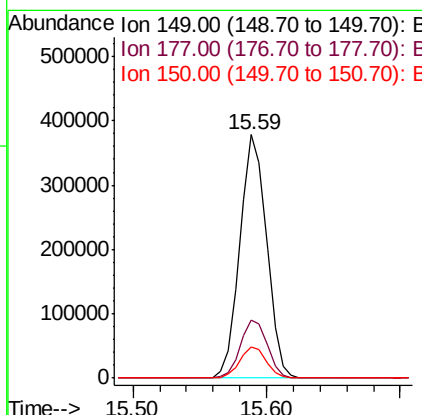
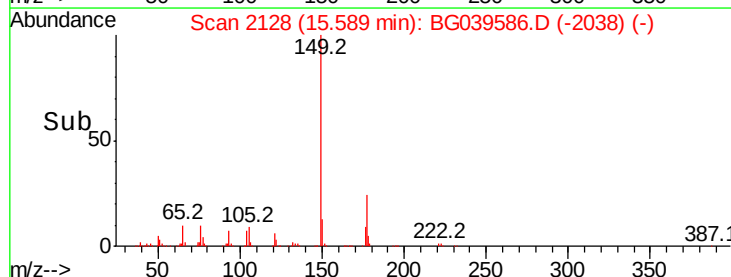
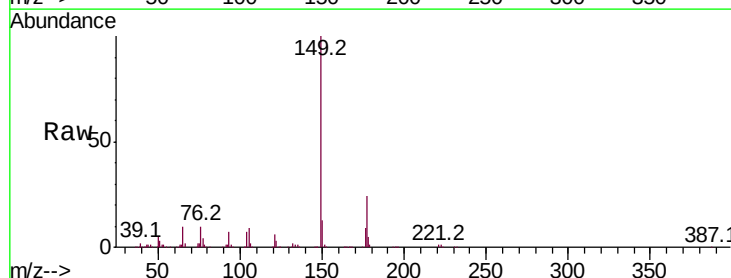
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

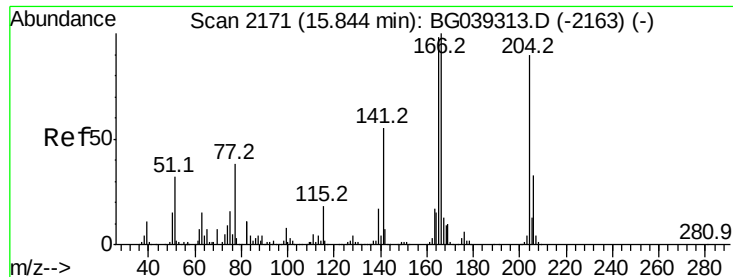
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 41.4  | 34.9  | 52.3  |
| 130     | 2.1   | 2.0   | 3.0   |
| 166     | 29.4  | 24.1  | 36.1  |



#60  
 Diethylphthalate  
 Concen: 37.270 ng  
 RT: 15.59 min Scan# 2128  
 Delta R.T. 0.00 min  
 Lab File: BG039586.D  
 Acq: 25 Feb 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.7  | 18.3  | 27.5  |
| 150     | 12.9  | 10.2  | 15.2  |

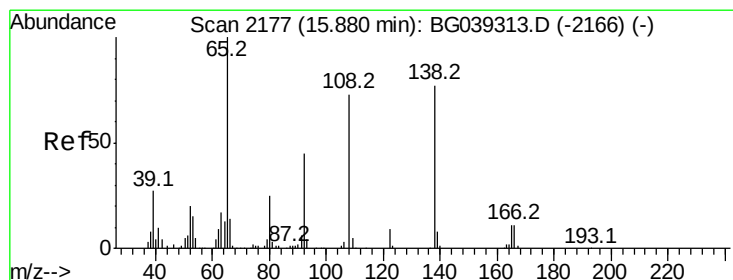
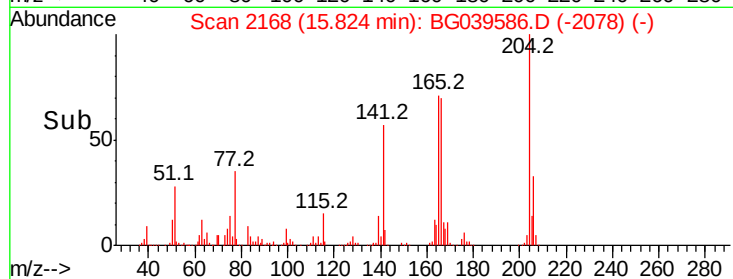
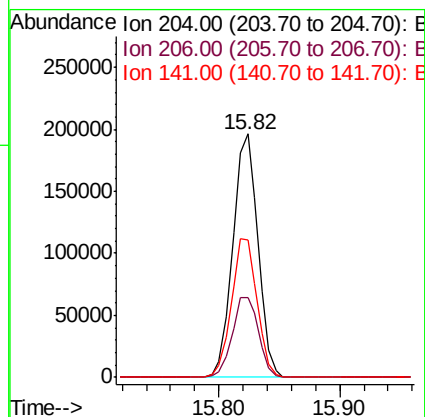
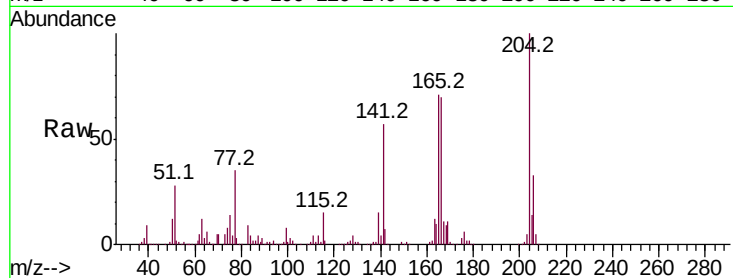




#61  
4-Chlorophenyl-phenylether  
Concen: 40.518 ng  
RT: 15.82 min Scan# 2168  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

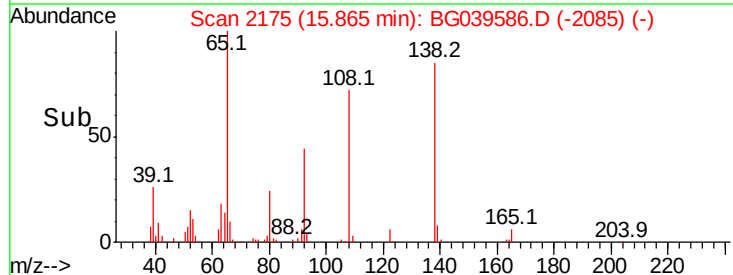
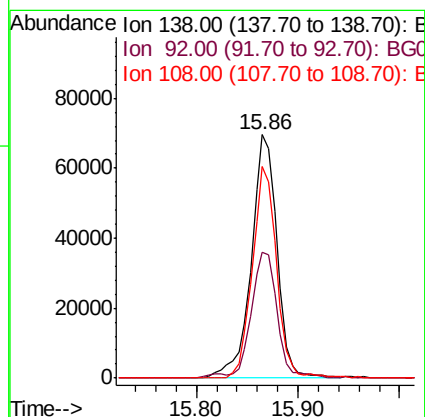
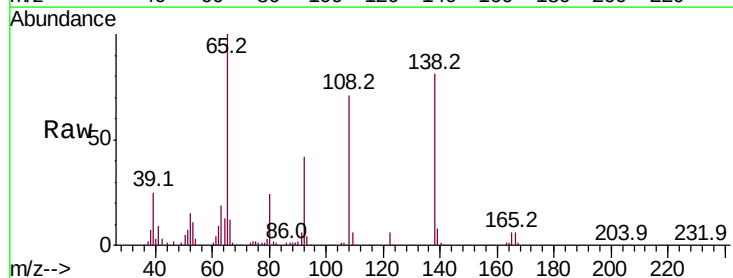
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

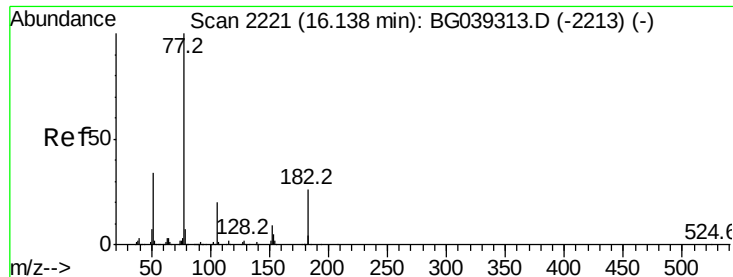
Tot Ion:204 Resp: 282913  
Ion Ratio Lower Upper  
204 100  
206 33.0 29.2 43.8  
141 56.6 49.0 73.4



#62  
4-Nitroaniline  
Concen: 43.443 ng  
RT: 15.86 min Scan# 2175  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Tgt Ion:138 Resp: 122574  
Ion Ratio Lower Upper  
138 100  
92 51.8 38.7 78.7  
108 86.8 74.6 114.6





#63

Azobenzene

Concen: 35.309 ng

RT: 16.12 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 484987

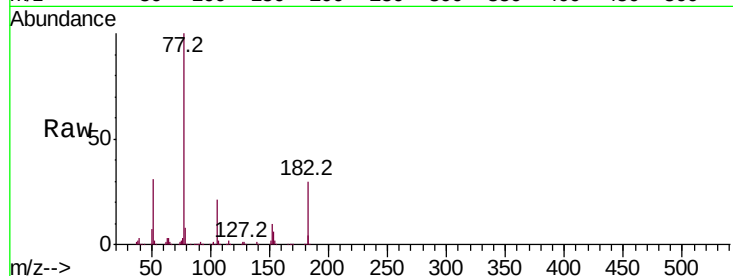
Ion Ratio Lower Upper

77 100

182 29.6 6.4 46.4

105 21.0 0.0 39.8

51 31.5 14.1 54.1

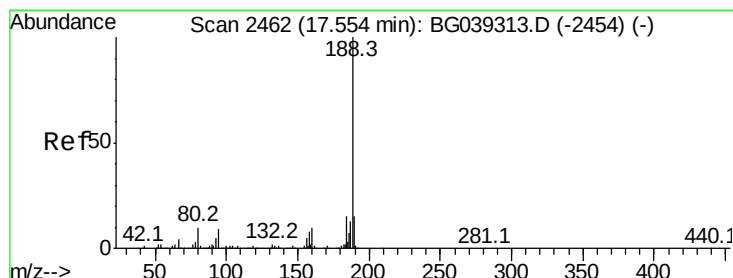
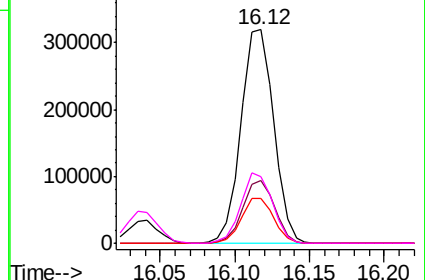
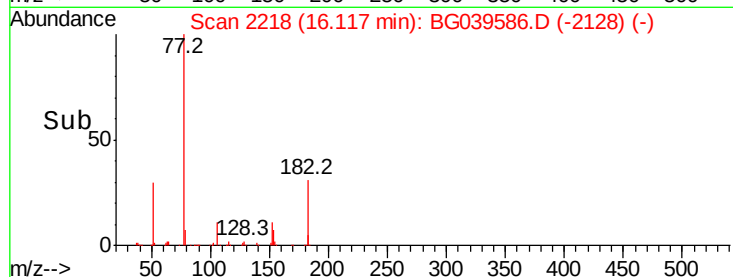


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.54 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

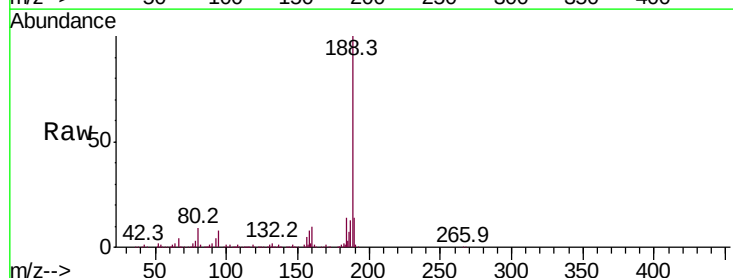
Tgt Ion: 188 Resp: 386676

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

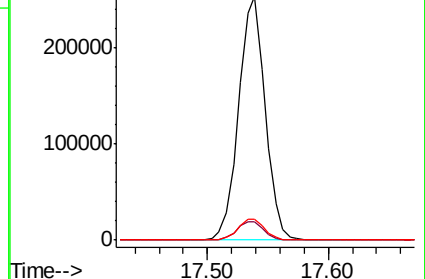
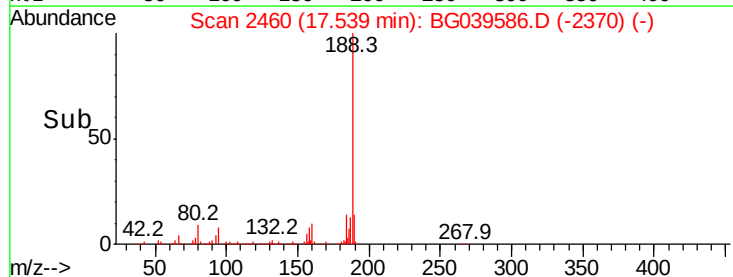
80 8.8 8.1 12.1

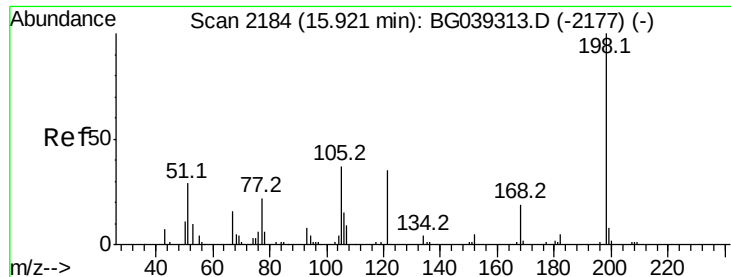


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 50.556 ng

RT: 15.91 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

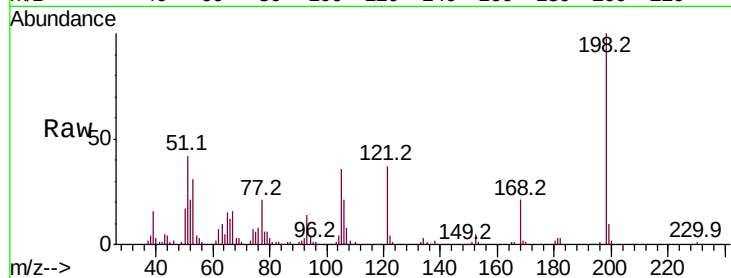
Tot Ion:198 Resp: 78681

Ion Ratio Lower Upper

198 100

51 41.8 27.4 67.4

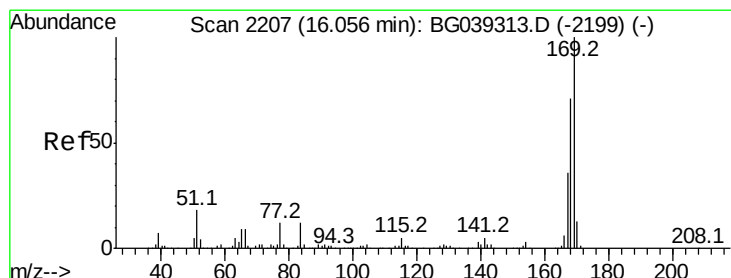
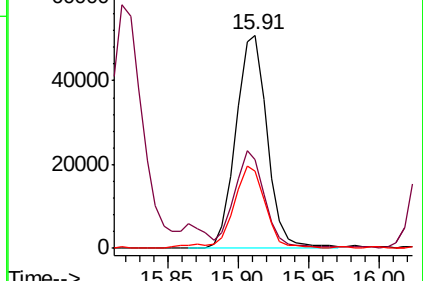
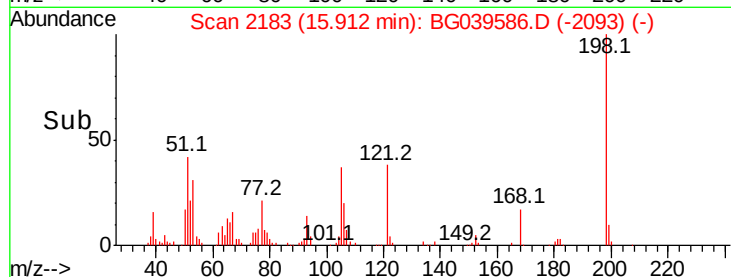
105 36.3 19.7 59.7



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: 39.757 ng

RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

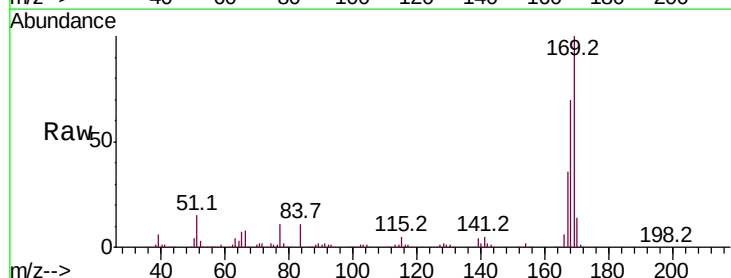
Tgt Ion:169 Resp: 467439

Ion Ratio Lower Upper

169 100

168 69.8 56.6 85.0

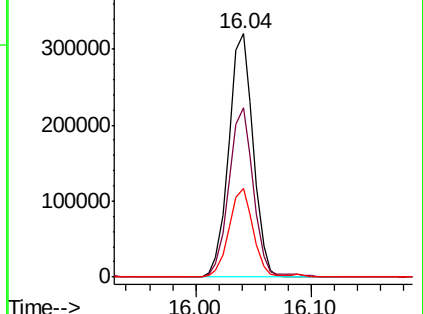
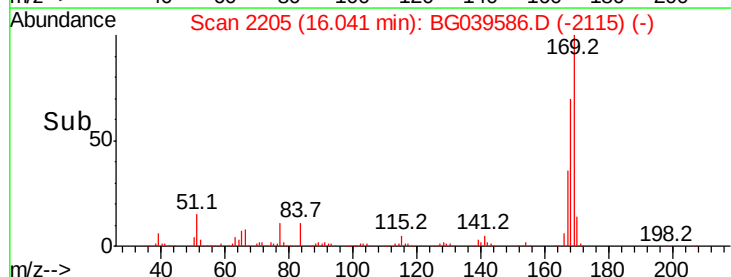
167 36.3 28.8 43.2

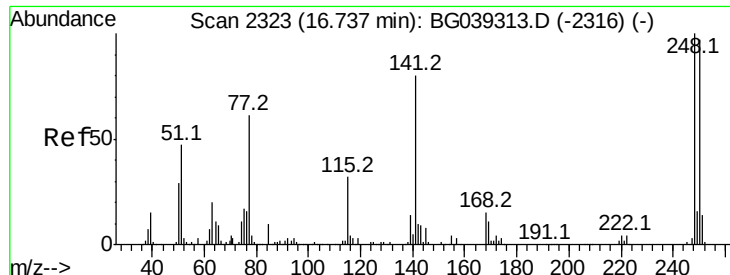


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

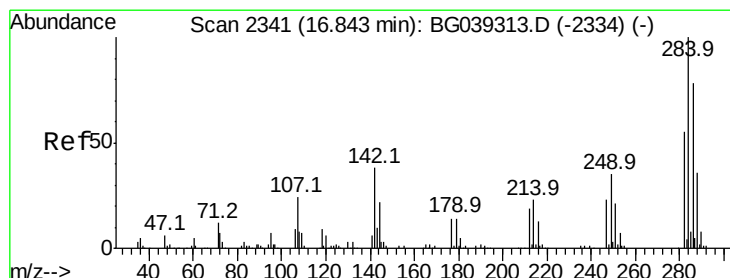
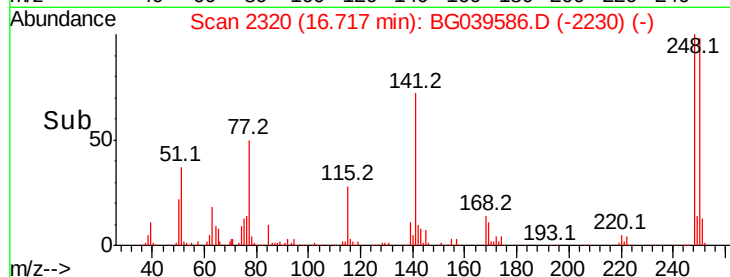
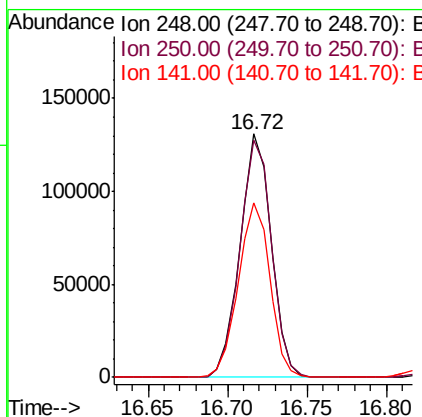
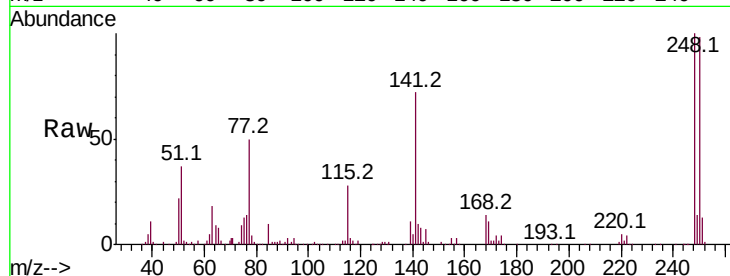




#67  
 4-Bromophenyl-phenylether  
 Concen: 41.765 ng  
 RT: 16.72 min Scan# 2320  
 Delta R.T. 0.00 min  
 Lab File: BG039586.D  
 Acq: 25 Feb 2019 14:38

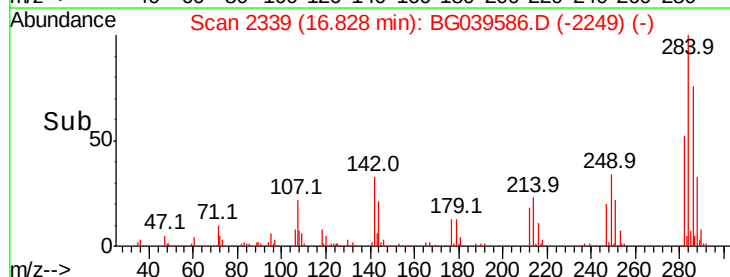
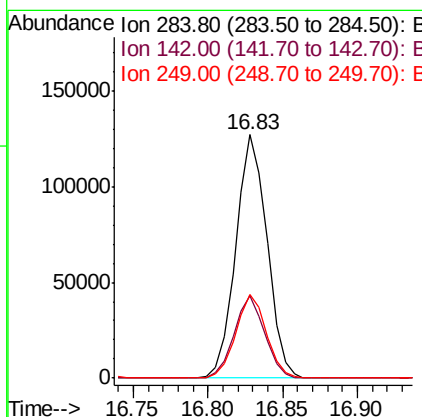
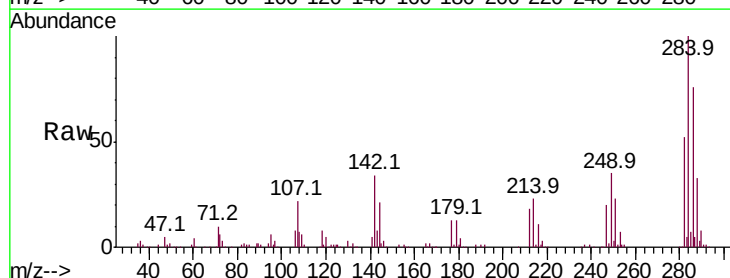
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

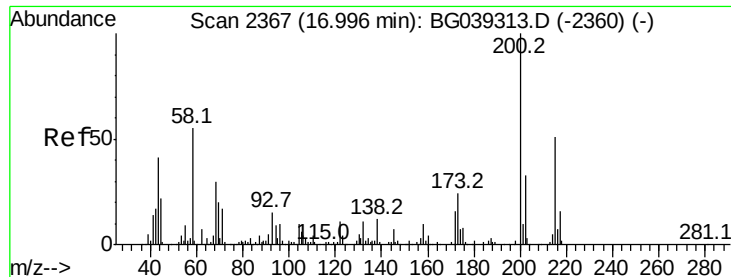
Tot Ion:248 Resp: 179163  
 Ion Ratio Lower Upper  
 248 100  
 250 97.6 77.6 116.4  
 141 71.7 63.9 95.9



#68  
 Hexachlorobenzene  
 Concen: 42.918 ng  
 RT: 16.83 min Scan# 2339  
 Delta R.T. 0.00 min  
 Lab File: BG039586.D  
 Acq: 25 Feb 2019 14:38

Tgt Ion:284 Resp: 184715  
 Ion Ratio Lower Upper  
 284 100  
 142 33.9 30.6 45.8  
 249 34.5 28.2 42.2





#69

Atrazine

Concen: 33.286 ng

RT: 16.98 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

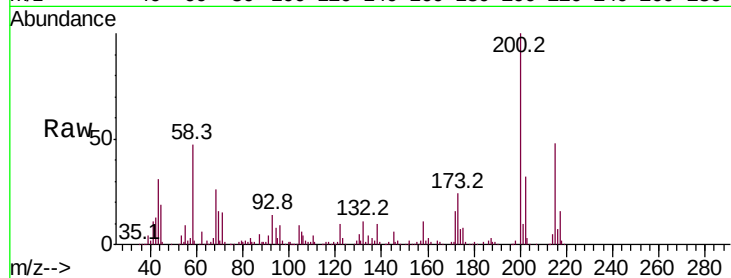
Tot Ion:200 Resp: 143017

Ion Ratio Lower Upper

200 100

173 23.9 3.9 43.9

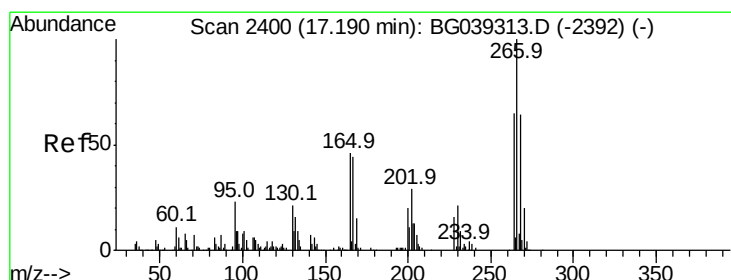
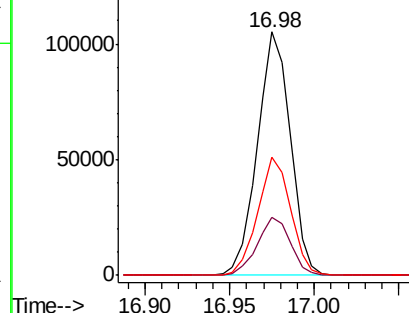
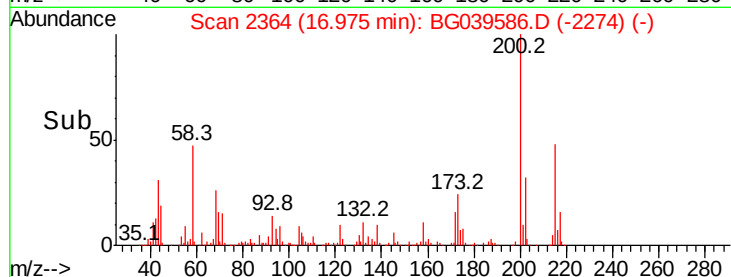
215 48.4 30.9 70.9



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: 35.259 ng

RT: 17.17 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

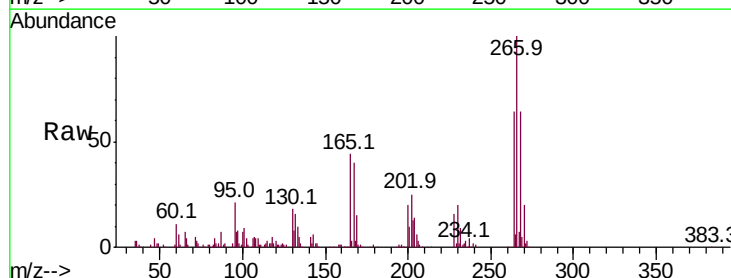
Tgt Ion:266 Resp: 105470

Ion Ratio Lower Upper

266 100

268 63.7 51.1 76.7

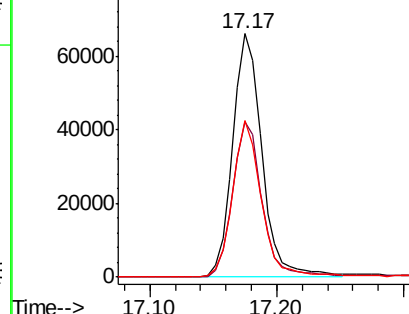
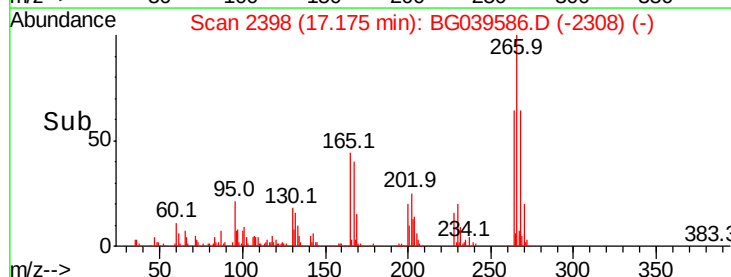
264 64.5 52.1 78.1

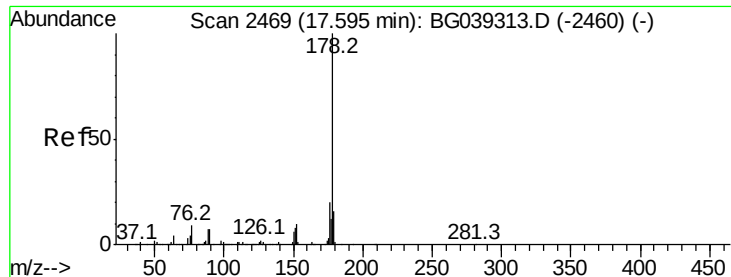


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

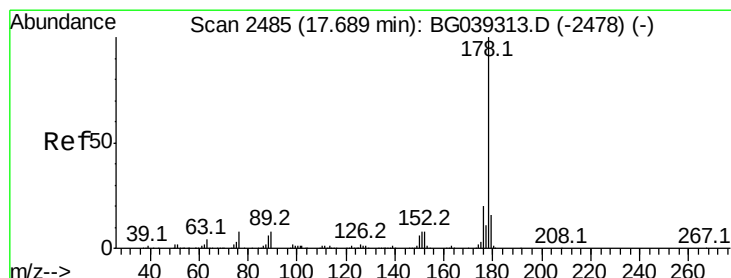
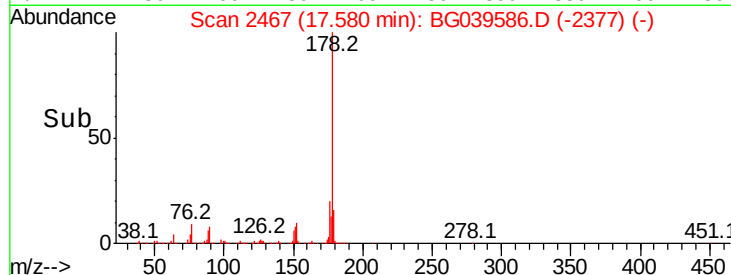
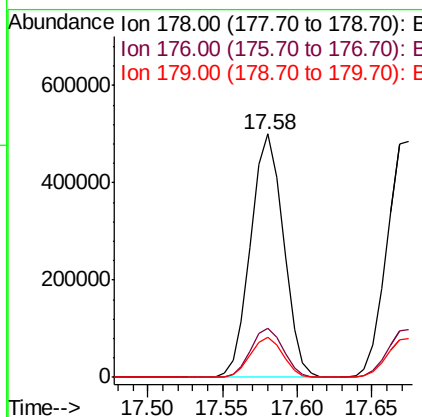
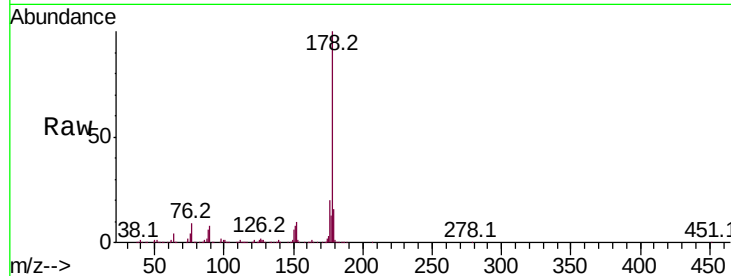




#71  
Phenanthrene  
Concen: 38.079 ng  
RT: 17.58 min Scan# 2467  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

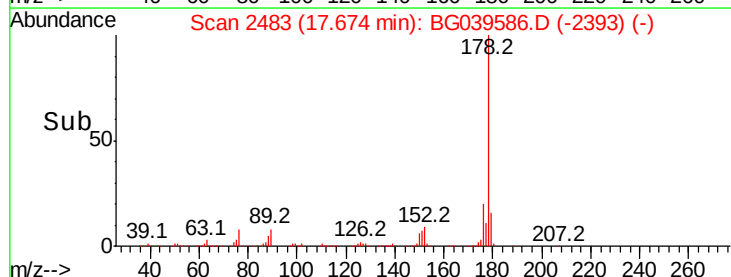
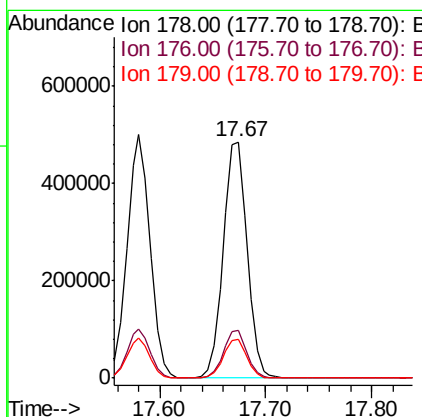
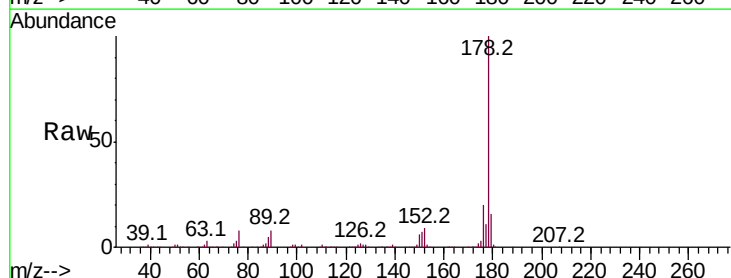
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:178 Resp: 762083  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.2 24.4  
179 16.3 12.6 19.0

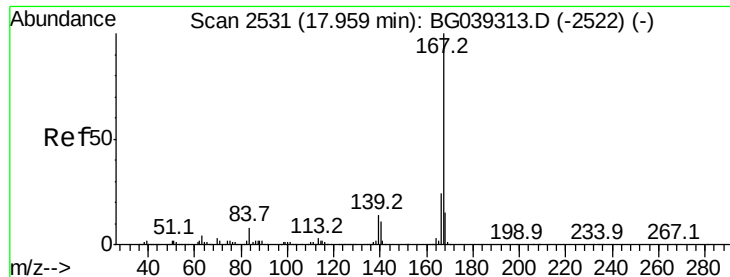


#72  
Anthracene  
Concen: 38.570 ng  
RT: 17.67 min Scan# 2483  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Tgt Ion:178 Resp: 760340  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.8 23.6  
179 16.2 12.5 18.7







#73

Carbazole

Concen: 36.957 ng

RT: 17.94 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

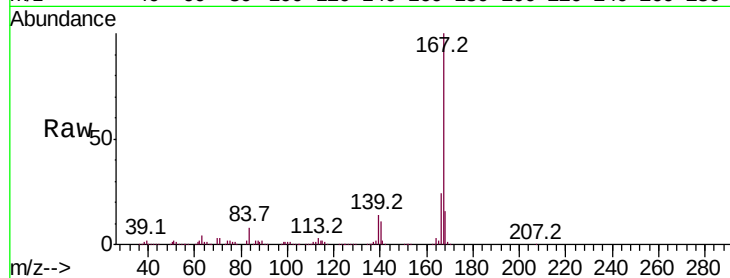
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 727062

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.8  | 19.4  | 29.2  |
| 139 | 13.7  | 10.8  | 16.2  |

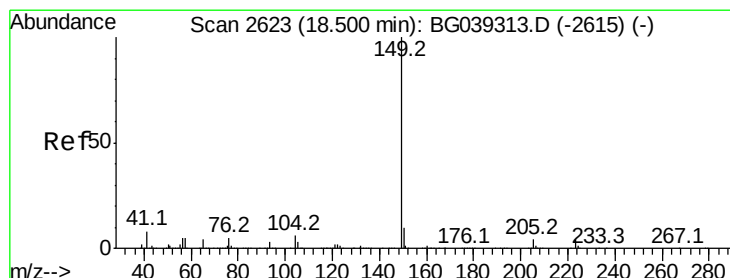
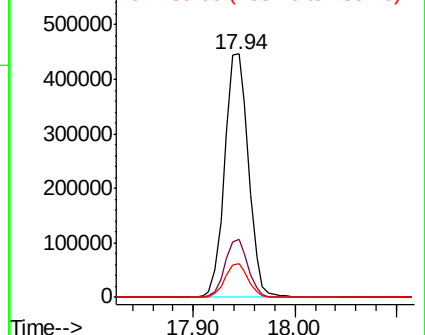
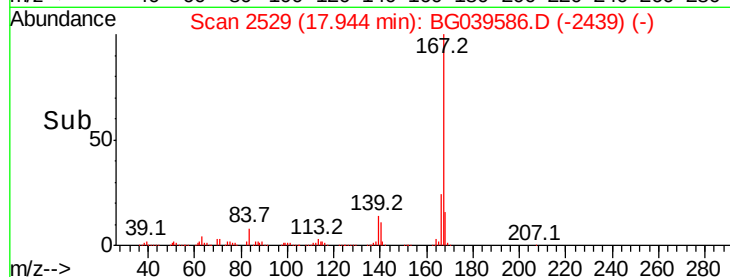


Abundance

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: 37.150 ng

RT: 18.47 min Scan# 2619

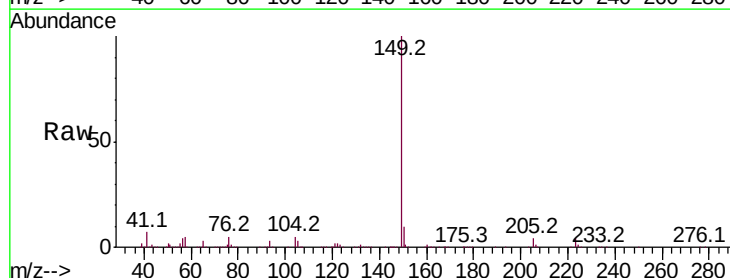
Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Tgt Ion:149 Resp: 852642

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.1  | 7.7   | 11.5  |
| 104 | 5.2   | 4.5   | 6.7   |

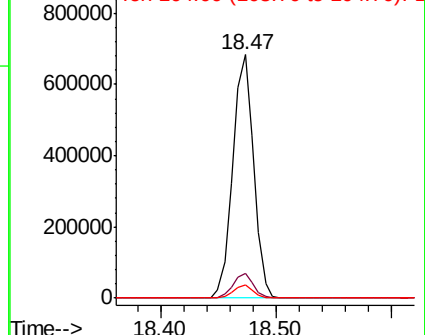
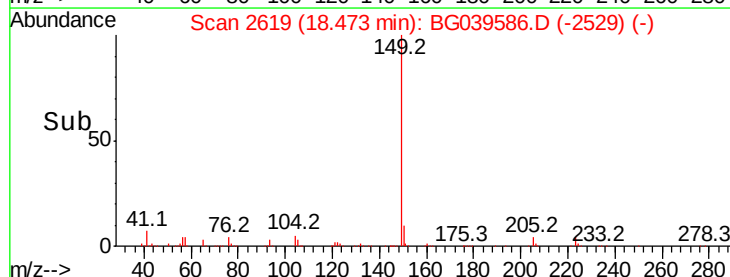


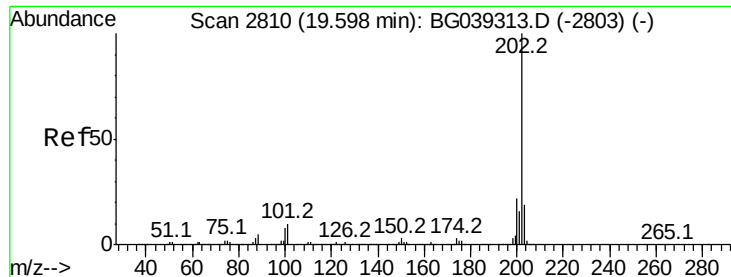
Abundance

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: 37.712 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

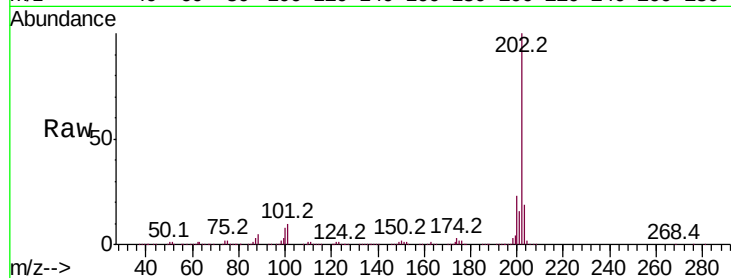
Tot Ion:202 Resp: 876004

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.0

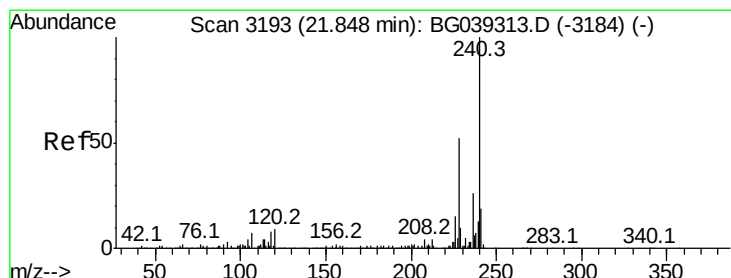
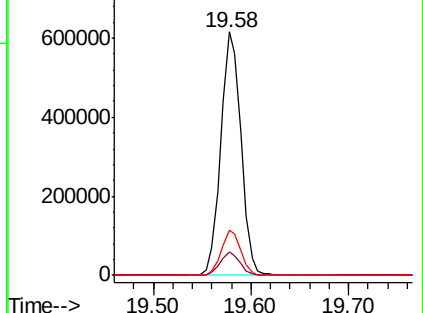
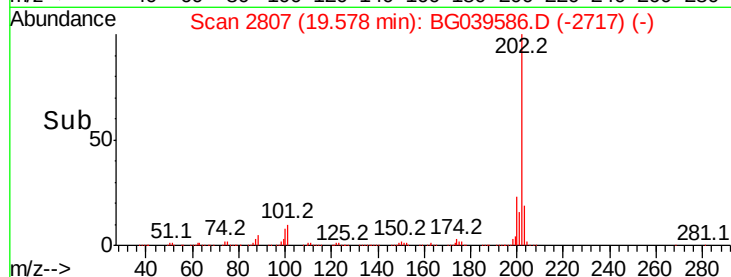
203 18.7 0.0 38.9



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: 21.83 min Scan# 3190

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

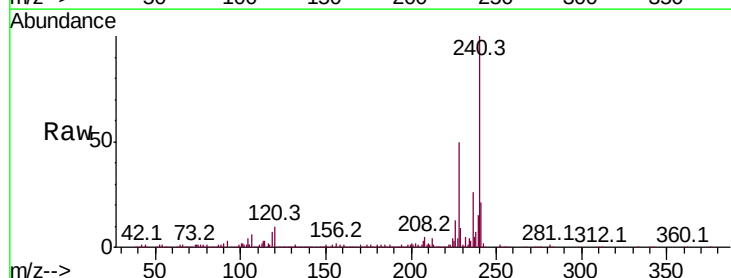
Tgt Ion:240 Resp: 366405

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.6

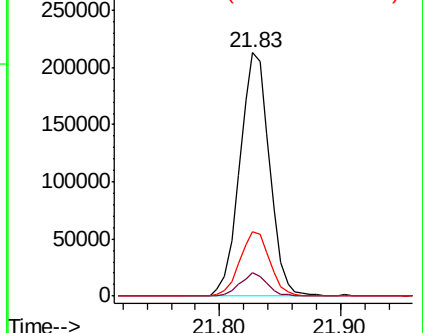
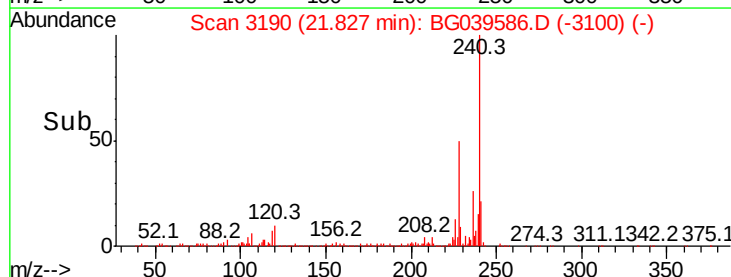
236 26.4 21.0 31.4

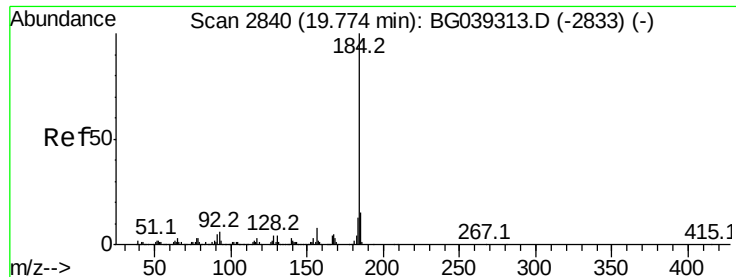


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.101 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

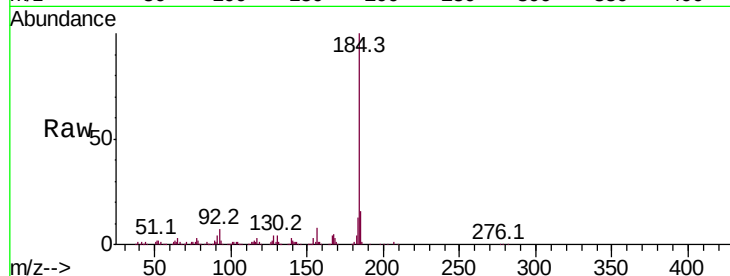
Tot Ion:184 Resp: 325556

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.2

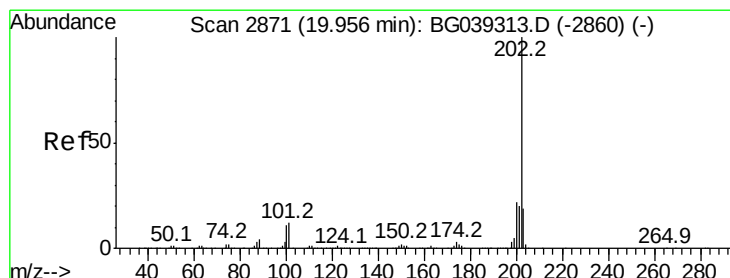
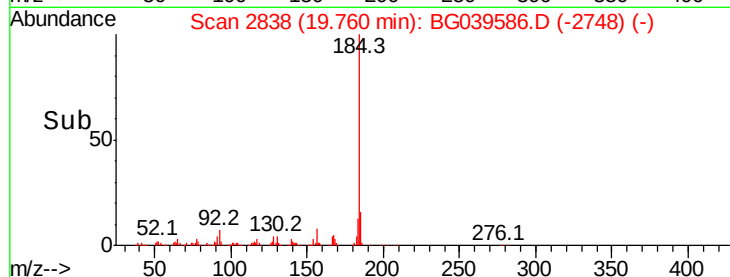
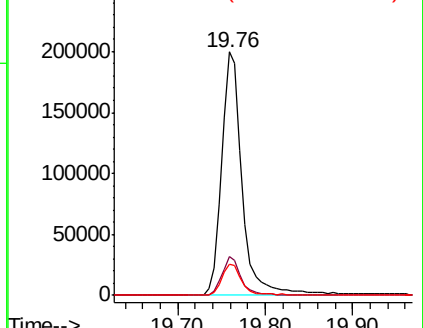
183 12.6 10.6 15.8



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: 39.515 ng

RT: 19.94 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

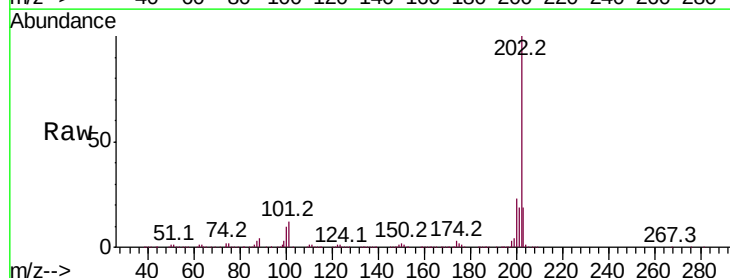
Tgt Ion:202 Resp: 901317

Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.8

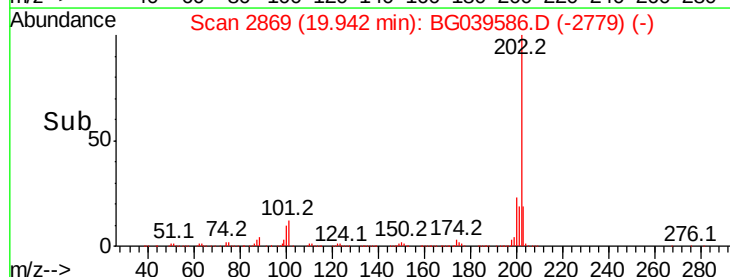
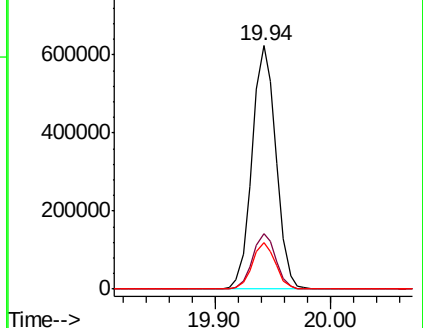
203 19.1 15.3 22.9

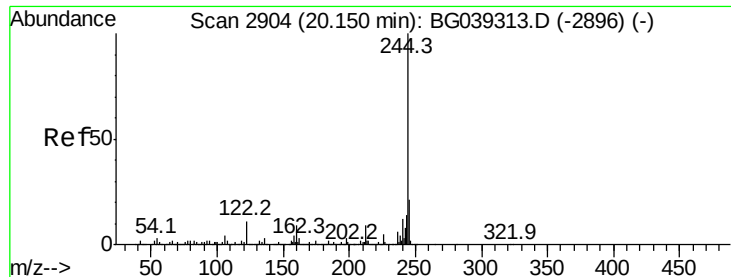


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.318 ng

RT: 20.13 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

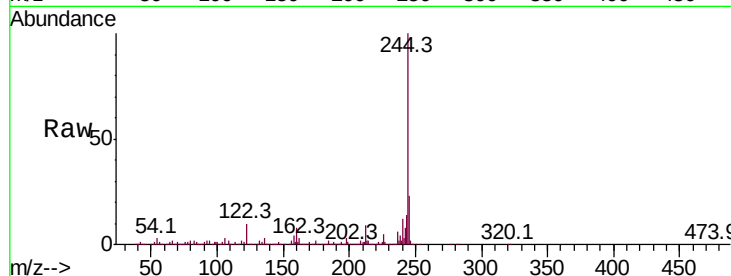
Tot Ion:244 Resp: 1338404

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

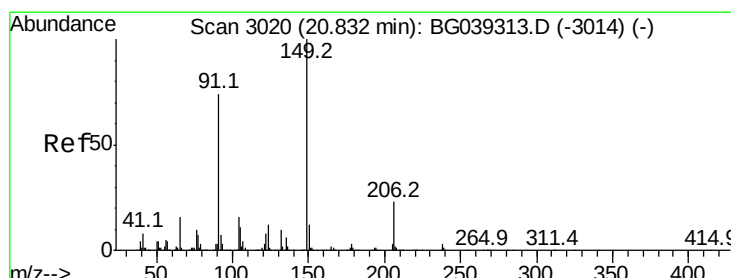
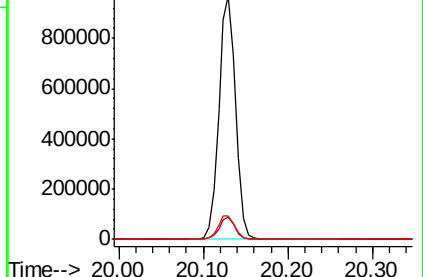
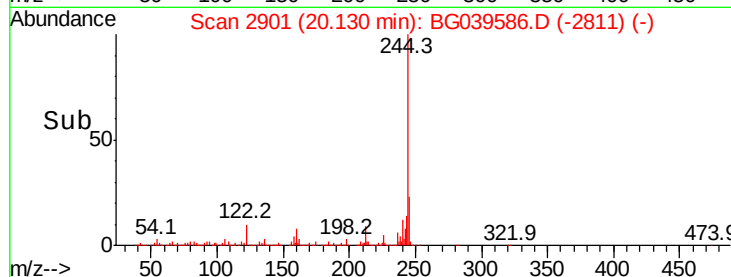
122 9.8 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.725 ng

RT: 20.81 min Scan# 3017

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

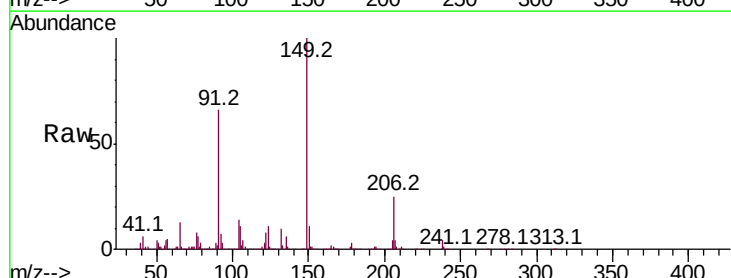
Tgt Ion:149 Resp: 382236

Ion Ratio Lower Upper

149 100

91 65.7 59.5 89.3

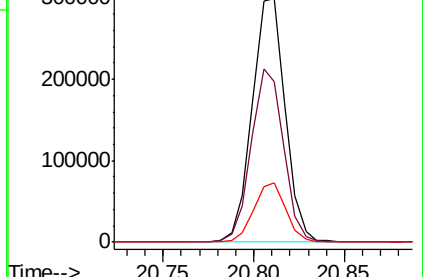
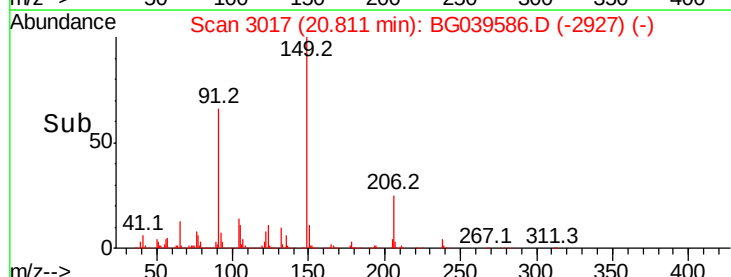
206 24.6 18.6 27.8

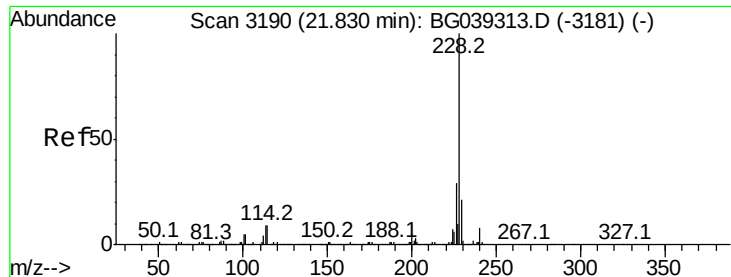


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.158 ng

RT: 21.81 min Scan# 3187

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

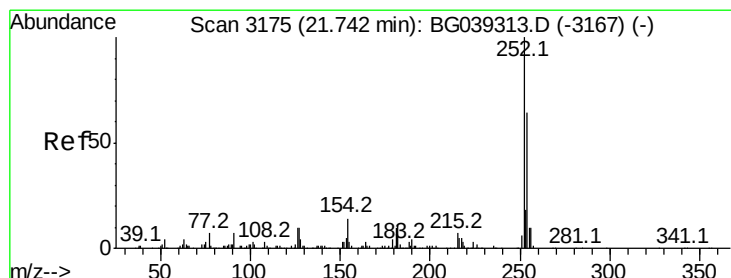
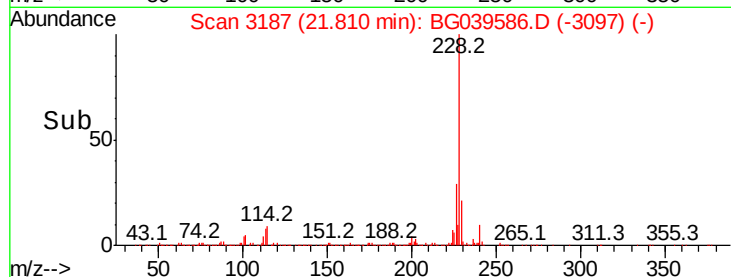
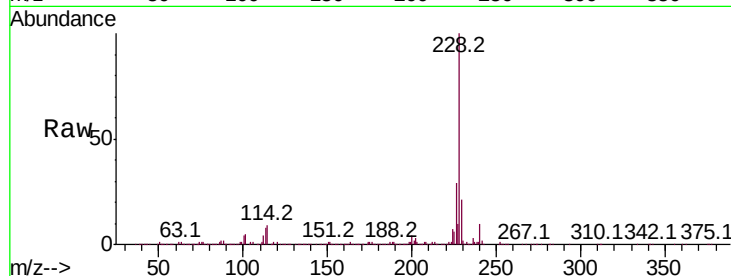
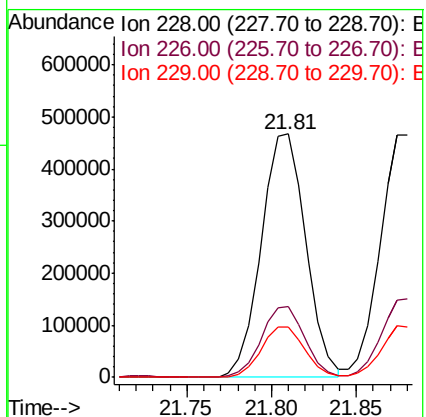
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 847790

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.3  | 23.0  | 34.6  |
| 229 | 20.7  | 16.9  | 25.3  |



#82

3,3'-Dichlorobenzidine

Concen: 39.011 ng

RT: 21.72 min Scan# 3172

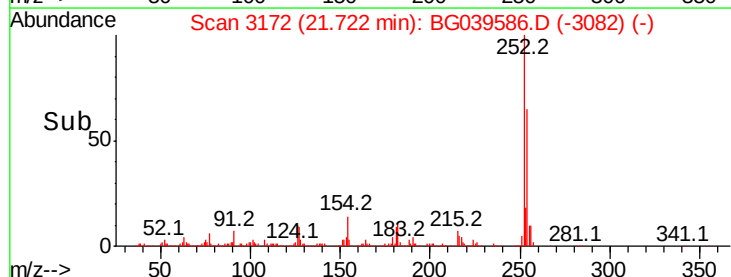
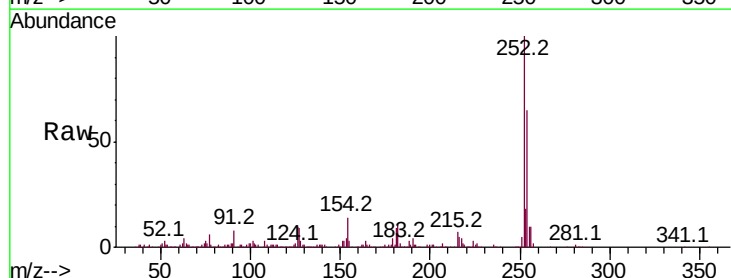
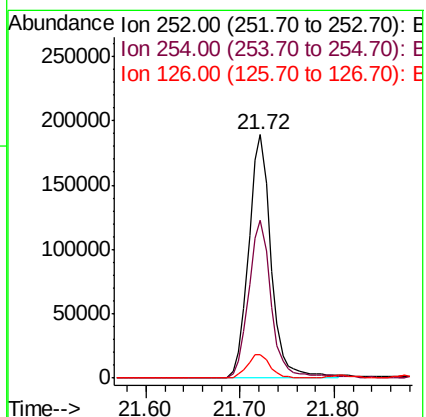
Delta R.T. 0.00 min

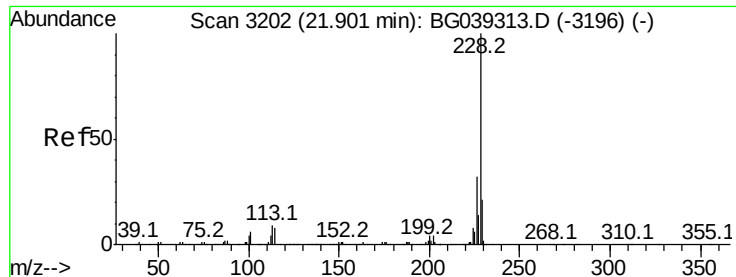
Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Tgt Ion:252 Resp: 313177

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.7  | 51.3  | 76.9  |
| 126 | 9.7   | 8.0   | 12.0  |





#83

Chrysene

Concen: 39.718 ng

RT: 21.88 min Scan# 3199

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

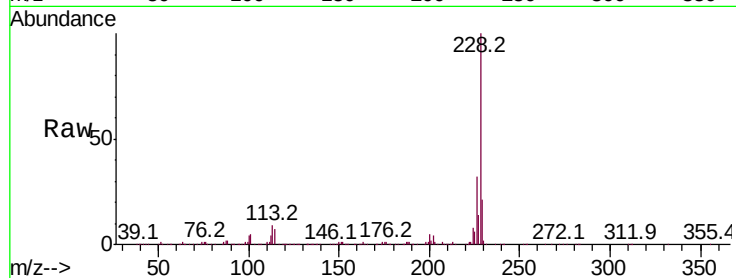
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 818597

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.3  | 25.8  | 38.6  |
| 229 | 20.7  | 16.6  | 25.0  |

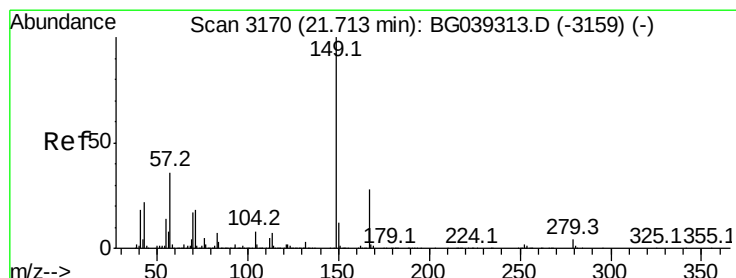
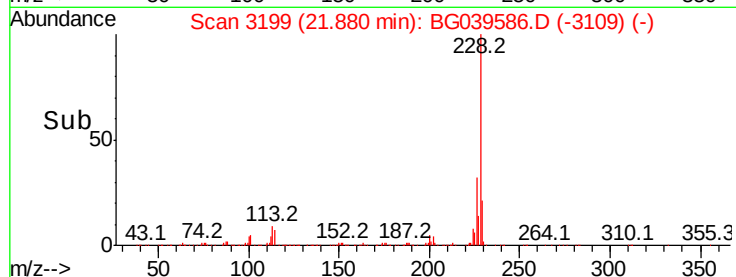
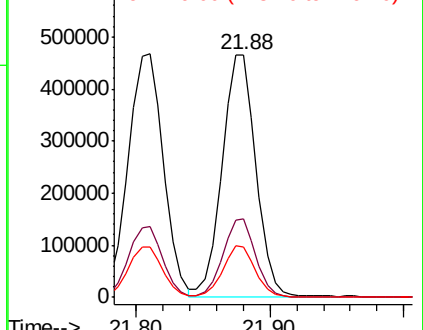


Abundance

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: 39.645 ng

RT: 21.67 min Scan# 3164

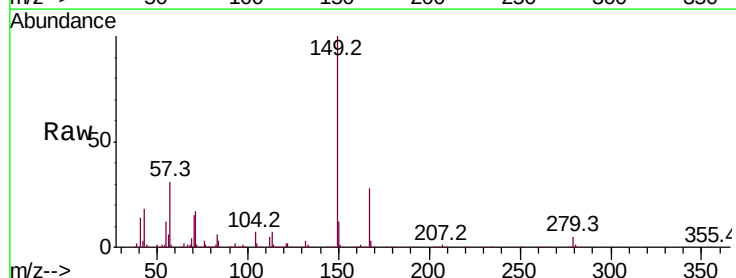
Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Tgt Ion:149 Resp: 544214

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.1  | 22.6  | 34.0  |
| 279 | 5.2   | 3.5   | 5.3   |

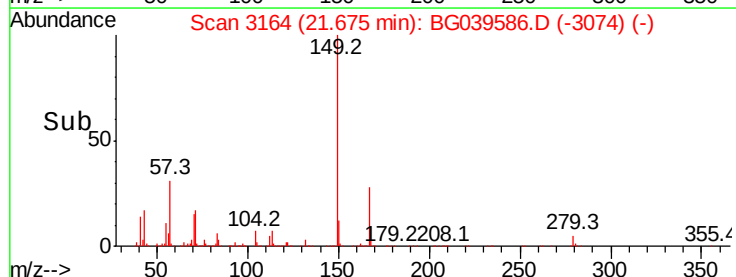
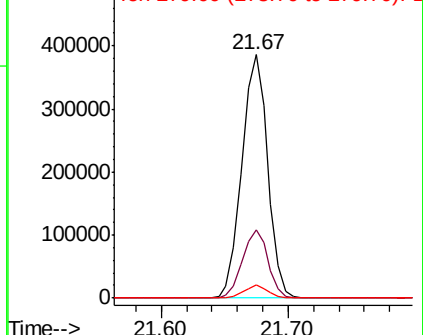


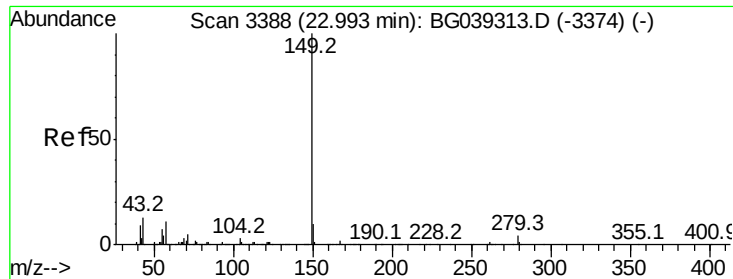
Abundance

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

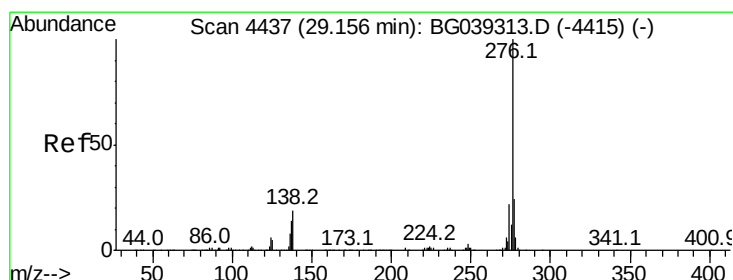
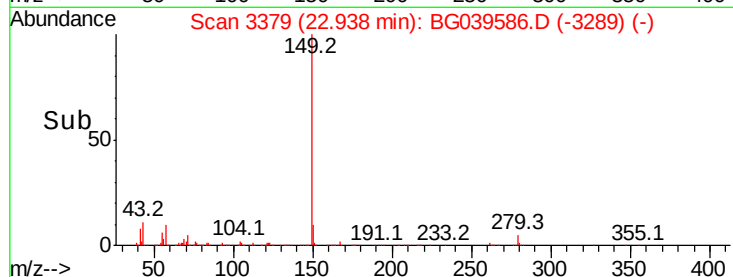
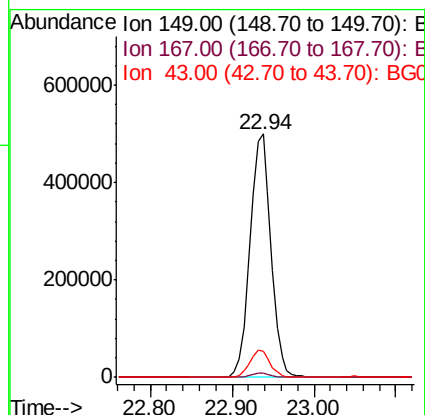
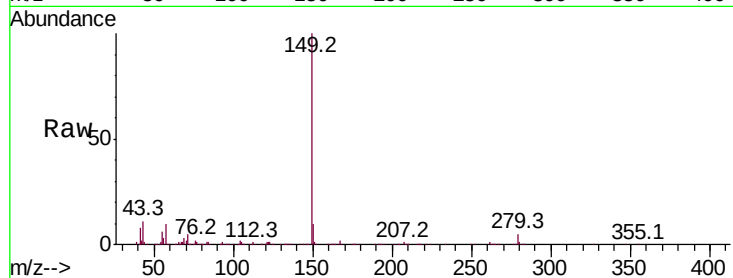




#85  
Di-n-octyl phthalate  
Concen: 39.060 ng  
RT: 22.94 min Scan# 3379  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

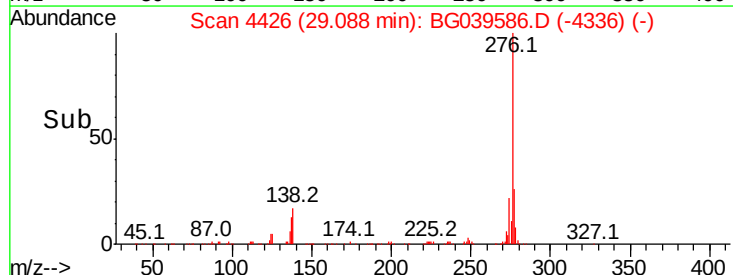
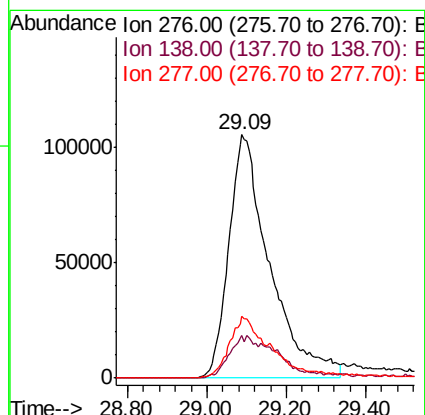
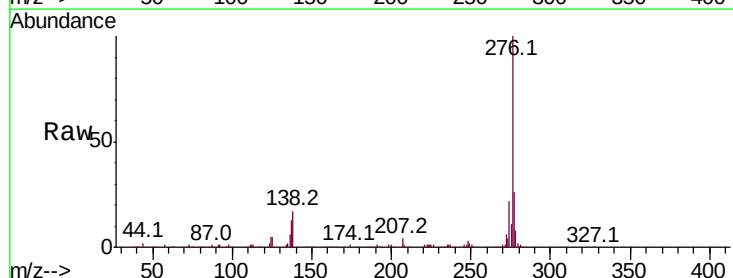
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

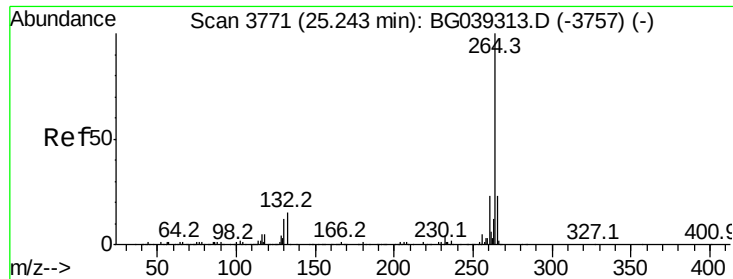
Tot Ion:149 Resp: 885811  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 10.9 10.2 15.4



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 34.175 ng  
RT: 29.09 min Scan# 4426  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Tgt Ion:276 Resp: 755699  
Ion Ratio Lower Upper  
276 100  
138 6.8 12.6 19.0#  
277 25.3 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

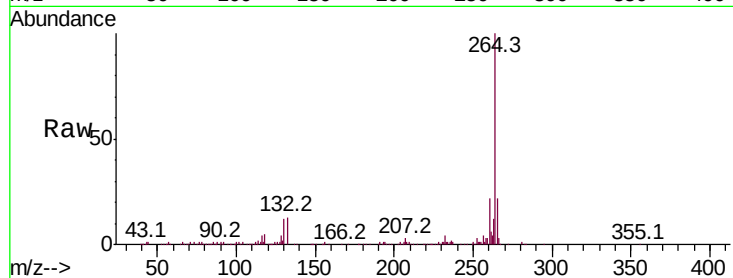
Tot Ion:264 Resp: 362443

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.2  | 18.2  | 27.4  |
| 265 | 21.7  | 18.5  | 27.7  |

264 100

260 22.2 18.2 27.4

265 21.7 18.5 27.7

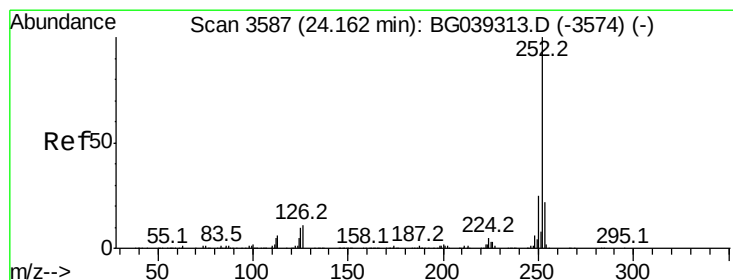
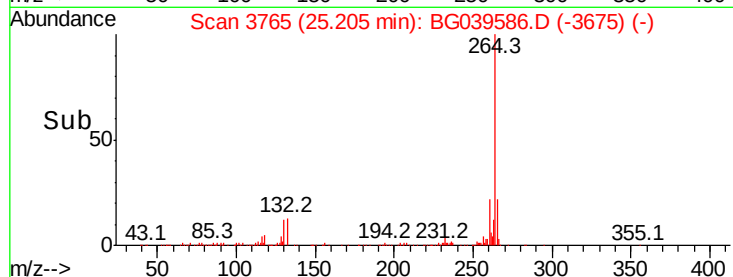
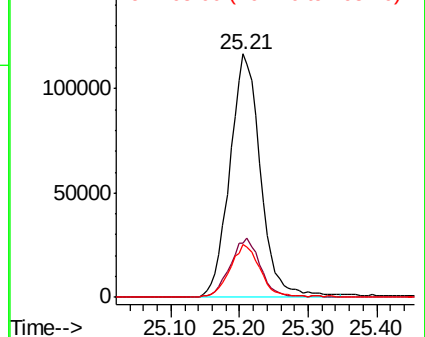


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.367 ng

RT: 24.12 min Scan# 3581

Delta R.T. 0.00 min

Lab File: BG039586.D

Acq: 25 Feb 2019 14:38

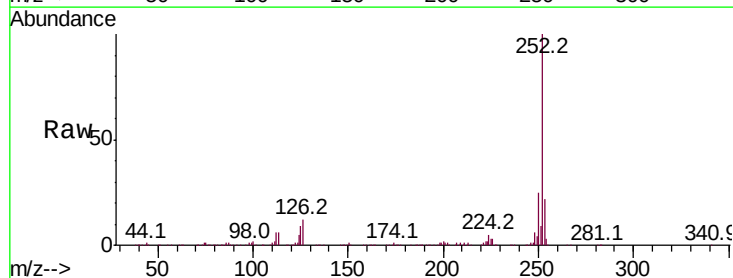
Tgt Ion:252 Resp: 778130

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.5  | 17.8  | 26.8  |
| 125 | 8.7   | 7.8   | 11.6  |

252 100

253 22.5 17.8 26.8

125 8.7 7.8 11.6

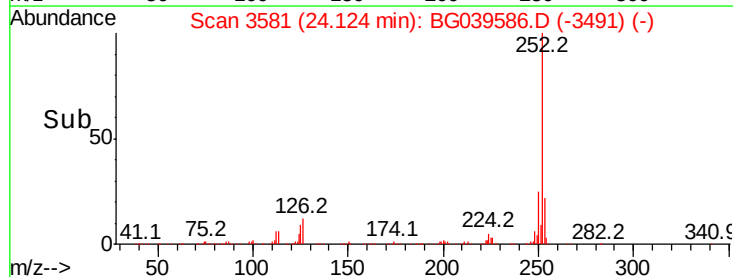
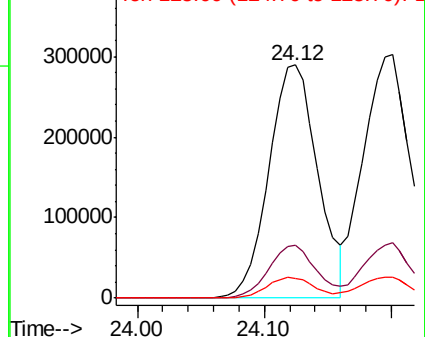


Abundance

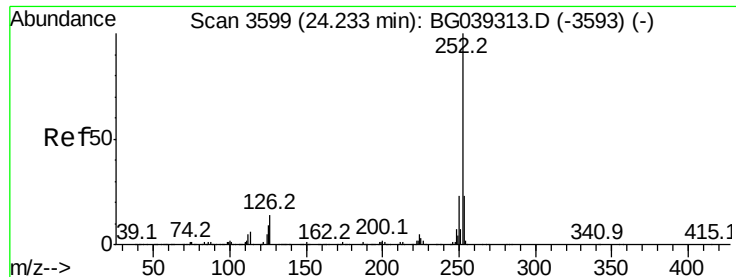
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



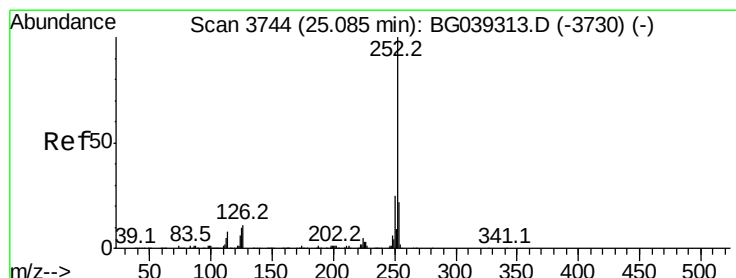
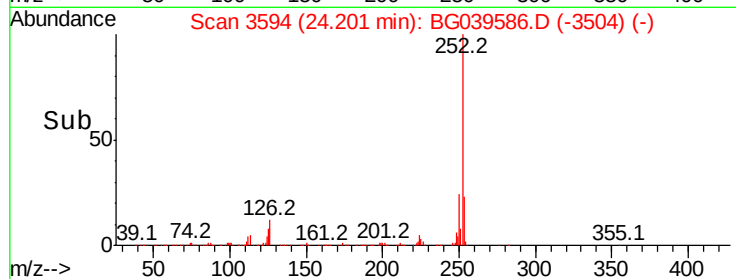
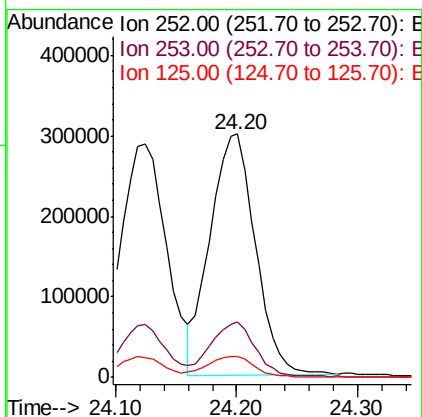
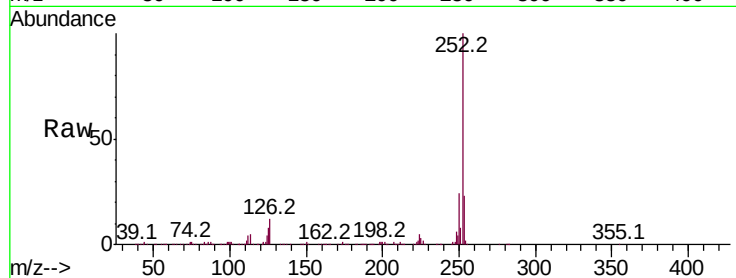




#89  
Benzo(k)fluoranthene  
Concen: 39.319 ng  
RT: 24.20 min Scan# 3594  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

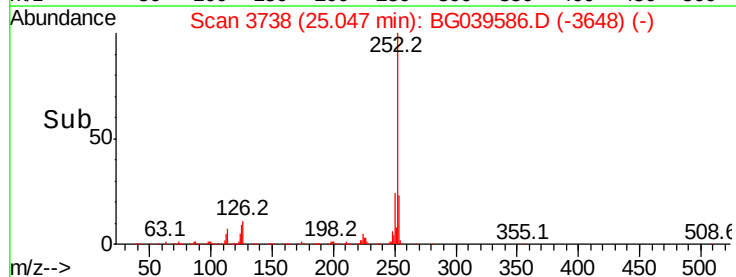
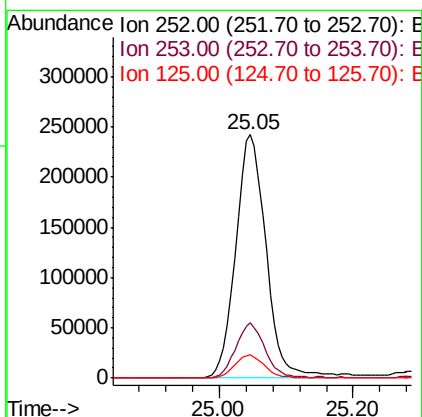
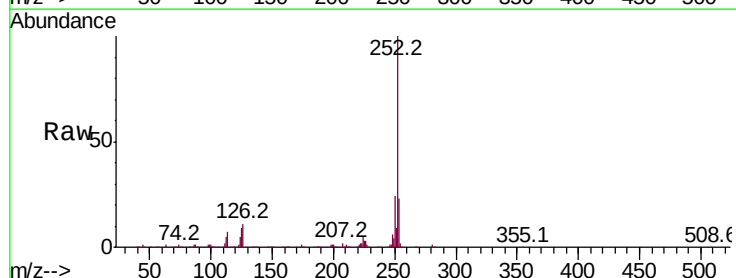
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

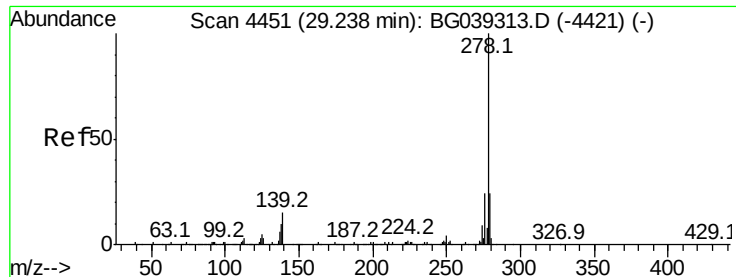
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.2  | 27.2  |
| 125     | 8.4   | 7.4   | 11.2  |



#90  
Benzo(a)pyrene  
Concen: 39.808 ng  
RT: 25.05 min Scan# 3738  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.9  | 26.9  |
| 125     | 9.5   | 8.3   | 12.5  |

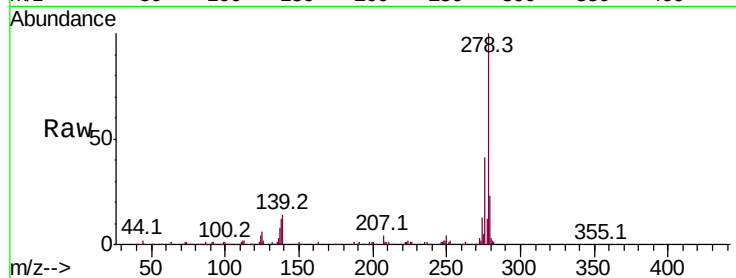




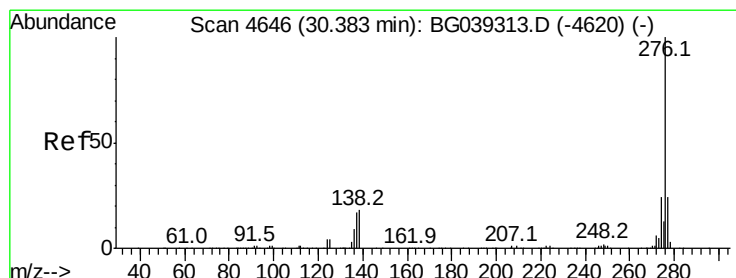
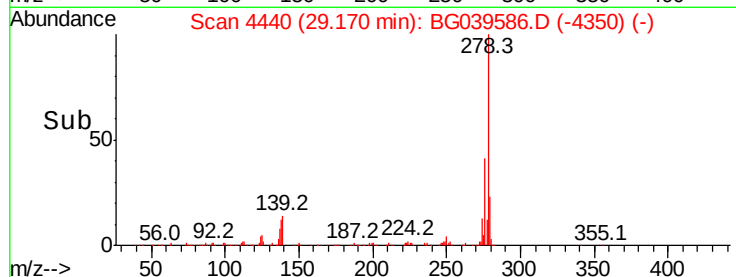
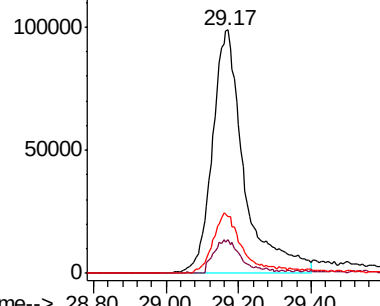
#91  
Dibenzo(a,h)anthracene  
Concen: 33.815 ng  
RT: 29.17 min Scan# 4440  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:278 Resp: 602834  
Ion Ratio Lower Upper  
278 100  
139 14.0 11.7 17.5  
279 23.4 19.1 28.7

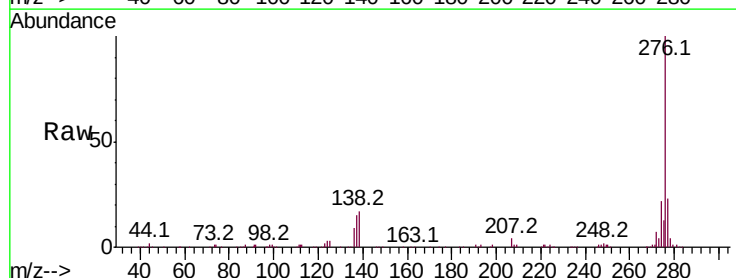


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 33.027 ng  
RT: 30.33 min Scan# 4637  
Delta R.T. 0.00 min  
Lab File: BG039586.D  
Acq: 25 Feb 2019 14:38

Tgt Ion:276 Resp: 586849  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.6 29.4  
138 16.7 14.7 22.1



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

