

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG012519\  
 Data File : BG039294.D  
 Acq On : 26 Jan 2019 3:13  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jan 28 03:16:09 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 17952    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.82 | 136  | 75350    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.65 | 164  | 50066    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 124031   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.67 | 240  | 168564   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.92 | 264  | 176112   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 76874  | 81.23 | ng | 0.00 |
| 7) Phenol-d6             | 7.17  | 99  | 110410 | 81.07 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 109116 | 79.24 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.14 | 330 | 65547  | 78.10 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.26 | 172 | 304391 | 83.21 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.00 | 244 | 578059 | 63.44 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.43  | 88  | 13056  | 35.230 | ng | 98     |
| 3) Pyridine                    | 3.84  | 79  | 46125  | 45.805 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.76  | 42  | 20590  | 45.439 | ng | 92     |
| 6) Aniline                     | 7.34  | 93  | 66125  | 40.428 | ng | 97     |
| 8) 2-Chlorophenol              | 7.57  | 128 | 44295  | 39.707 | ng | 94     |
| 9) Benzaldehyde                | 7.15  | 77  | 28096  | 35.772 | ng | 97     |
| 10) Phenol                     | 7.20  | 94  | 54646  | 40.021 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 41394  | 39.665 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 52451  | 39.243 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 53748  | 39.707 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 51694  | 40.053 | ng | 99     |
| 15) Benzyl Alcohol             | 8.25  | 79  | 42402  | 41.342 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52  | 45  | 83005  | 41.480 | ng | 99     |
| 17) 2-Methylphenol             | 8.45  | 107 | 38084  | 40.168 | ng | 97     |
| 18) Hexachloroethane           | 9.08  | 117 | 18912  | 41.125 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 37430  | 41.852 | ng | # 94   |
| 20) 3+4-Methylphenols          | 8.78  | 107 | 55385  | 40.972 | ng | 97     |
| 22) Acetophenone               | 8.83  | 105 | 77106  | 39.184 | ng | 98     |
| 24) Nitrobenzene               | 9.23  | 77  | 54128  | 38.889 | ng | 96     |
| 25) Isophorone                 | 9.74  | 82  | 94242  | 39.731 | ng | 98     |
| 26) 2-Nitrophenol              | 9.94  | 139 | 29664  | 39.402 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.98  | 122 | 40115  | 37.874 | ng | 89     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 59811  | 41.956 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 64078  | 48.698 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180 | 66665  | 42.166 | ng | 98     |
| 31) Naphthalene                | 10.87 | 128 | 170026 | 44.991 | ng | 99     |
| 32) Benzoic acid               | 10.18 | 122 | 8836   | 20.342 | ng | 90     |
| 33) 4-Chloroaniline            | 10.99 | 127 | 71773  | 42.444 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.13 | 225 | 54405  | 50.011 | ng | 97     |
| 35) Caprolactam                | 11.78 | 113 | 22970  | 43.533 | ng | # 88   |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 63099  | 44.835 | ng | 91     |
| 37) 2-Methylnaphthalene        | 12.47 | 142 | 119228 | 42.080 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.69 | 142 | 117538 | 43.219 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216 | 81139  | 43.153 | ng | 100    |

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 Data File : BG039294.D  
 Acq On : 26 Jan 2019 3:13  
 Operator : JU/SJ  
 Sample : SSTDC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

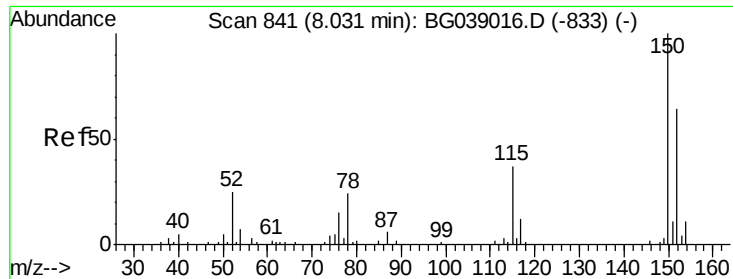
Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDC040

Quant Time: Jan 28 03:16:09 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.80 | 237  | 35384    | 36.753 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.08 | 196  | 49307    | 41.666 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.16 | 196  | 56296    | 45.010 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.48 | 154  | 166845   | 42.057 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 133339   | 41.535 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.75 | 65   | 38719    | 43.051 | ng    | 97       |
| 49) Acenaphthylene             | 14.38 | 152  | 194986   | 40.409 | ng    | 98       |
| 50) Dimethylphthalate          | 14.10 | 163  | 170204   | 40.230 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 37563    | 39.712 | ng    | 97       |
| 52) Acenaphthene               | 14.71 | 154  | 116063   | 40.034 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.57 | 138  | 38579    | 40.205 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 16834    | 33.149 | ng    | 99       |
| 55) Dibenzofuran               | 15.04 | 168  | 206611   | 40.352 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.88 | 139  | 25711    | 37.239 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.02 | 165  | 54256    | 39.981 | ng    | 98       |
| 58) Fluorene                   | 15.70 | 166  | 152620   | 39.599 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 44806    | 37.950 | ng    | 98       |
| 60) Diethylphthalate           | 15.45 | 149  | 176854   | 40.572 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.68 | 204  | 98853    | 40.712 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.74 | 138  | 38485    | 38.500 | ng    | 95       |
| 63) Azobenzene                 | 15.97 | 77   | 135085   | 39.628 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.79 | 198  | 35766    | 38.923 | ng    | 92       |
| 66) n-Nitrosodiphenylamine     | 15.90 | 169  | 148119   | 40.284 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.58 | 248  | 66095    | 41.455 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.69 | 284  | 70687    | 40.631 | ng    | 99       |
| 69) Atrazine                   | 16.84 | 200  | 59225    | 37.916 | ng    | 99       |
| 70) Pentachlorophenol          | 17.05 | 266  | 41742    | 41.817 | ng    | 99       |
| 71) Phenanthrene               | 17.44 | 178  | 263811   | 40.240 | ng    | 98       |
| 72) Anthracene                 | 17.53 | 178  | 262477   | 40.493 | ng    | 99       |
| 73) Carbazole                  | 17.81 | 167  | 255912   | 39.993 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 283715   | 39.855 | ng    | 98       |
| 75) Fluoranthene               | 19.45 | 202  | 350986   | 43.186 | ng    | 99       |
| 77) Benzidine                  | 19.63 | 184  | 160299   | 31.091 | ng    | 100      |
| 78) Pyrene                     | 19.81 | 202  | 333907   | 31.083 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 134789   | 32.990 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.65 | 228  | 423832   | 41.304 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 167709   | 40.113 | ng    | 99       |
| 83) Chrysene                   | 21.72 | 228  | 401403   | 41.130 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.51 | 149  | 259149   | 45.681 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.72 | 149  | 426036   | 44.413 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.66 | 276  | 417672   | 35.816 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.95 | 252  | 398694   | 41.057 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.95 | 252  | 398694   | 41.525 | ng    | # 97     |
| 90) Benzo(a)pyrene             | 24.77 | 252  | 390515   | 41.605 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene     | 28.72 | 278  | 373520   | 40.008 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.84 | 276  | 311874   | 33.743 | ng    | 98       |

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



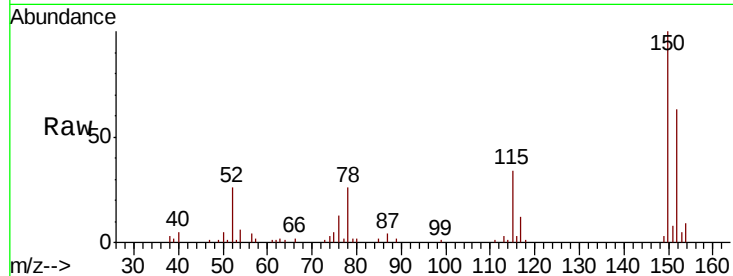


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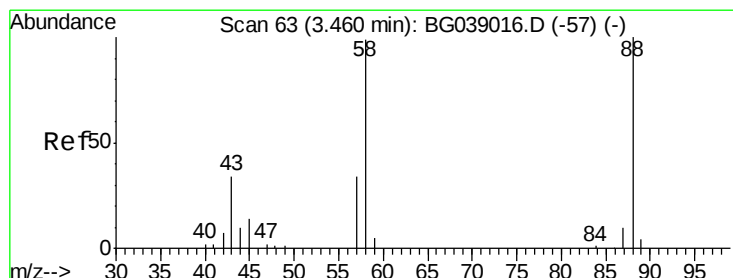
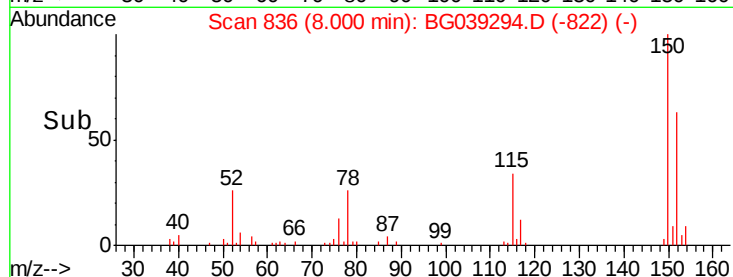
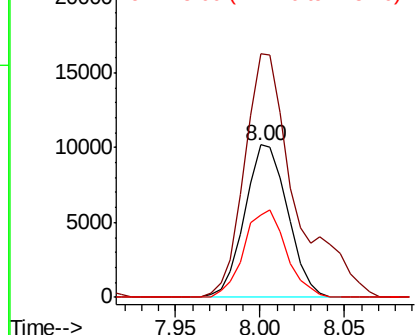
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:152 Resp: 17952  
Ion Ratio Lower Upper  
152 100  
150 159.7 124.7 187.1  
115 53.7 46.5 69.7



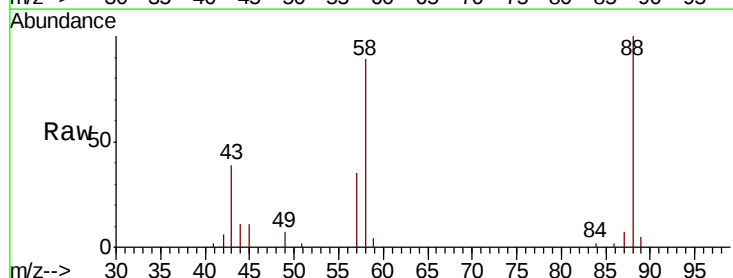
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



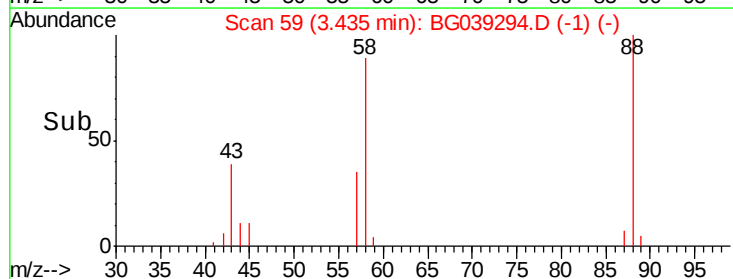
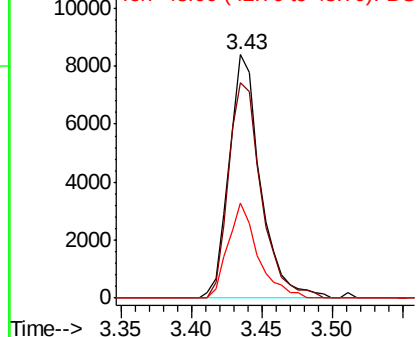
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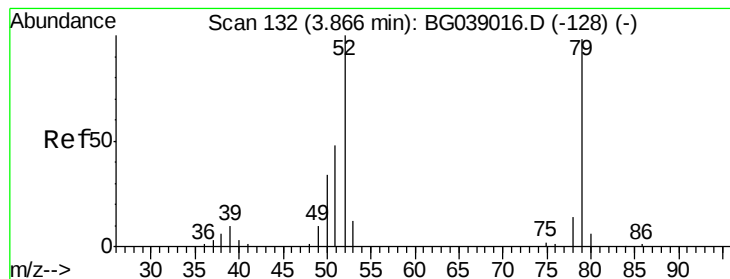
1,4-Dioxane  
Concen: 35.230 ng  
RT: 3.43 min Scan# 59  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Tgt Ion: 88 Resp: 13056  
Ion Ratio Lower Upper  
88 100  
58 91.9 72.4 108.6  
43 36.8 27.6 41.4



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





#3

Pyridine

Concen: 45.805 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

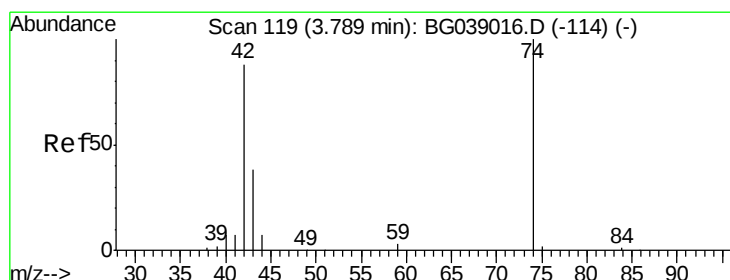
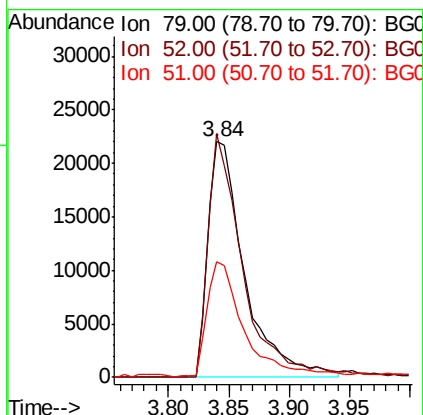
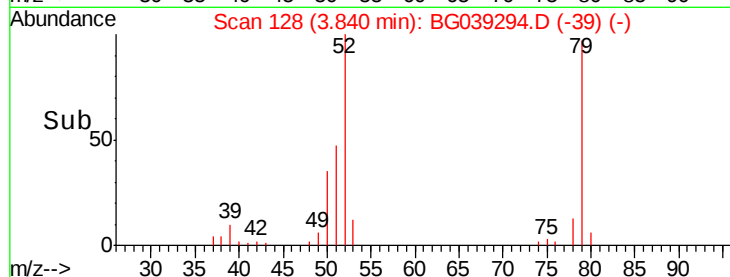
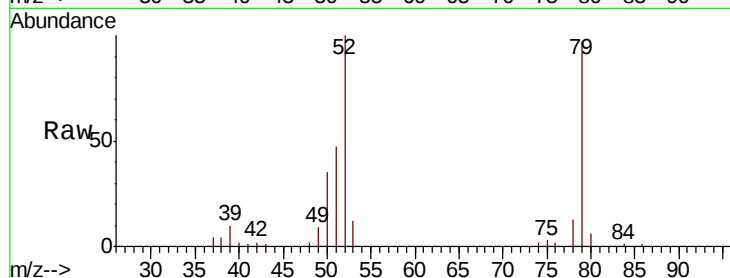
Tgt Ion: 79 Resp: 46125

Ion Ratio Lower Upper

79 100

52 103.5 81.5 122.3

51 48.9 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 45.439 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

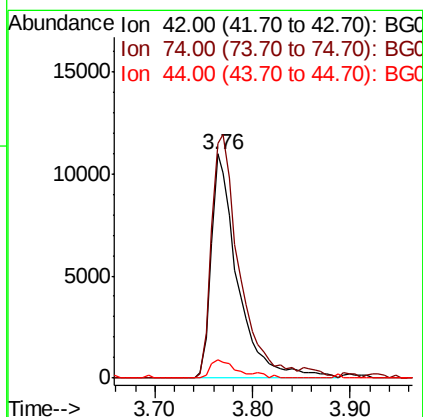
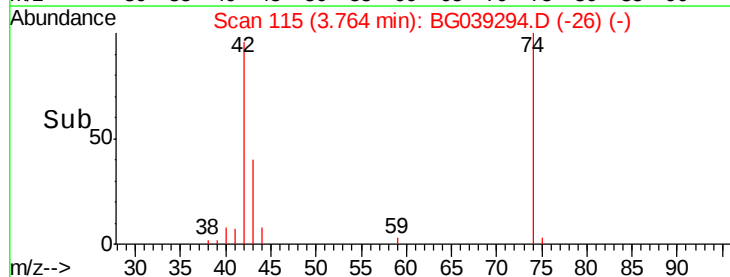
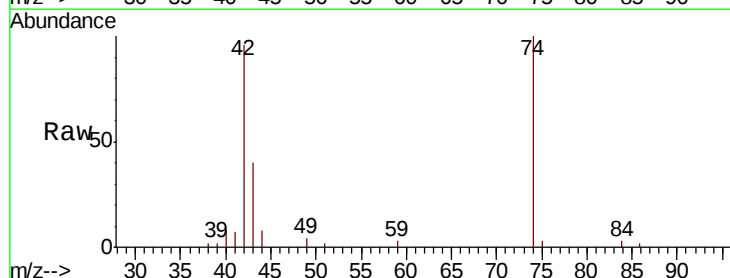
Tgt Ion: 42 Resp: 20590

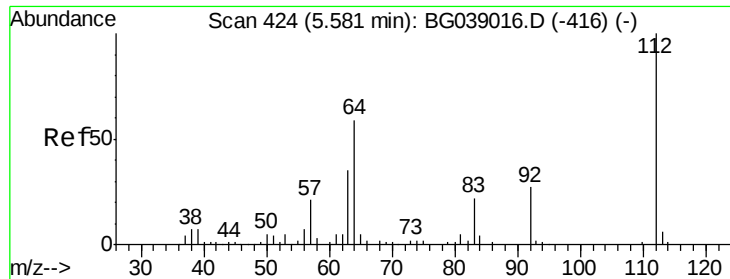
Ion Ratio Lower Upper

42 100

74 104.5 90.7 136.1

44 7.9 6.5 9.7

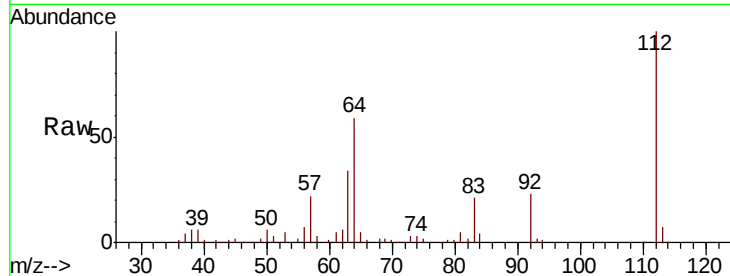




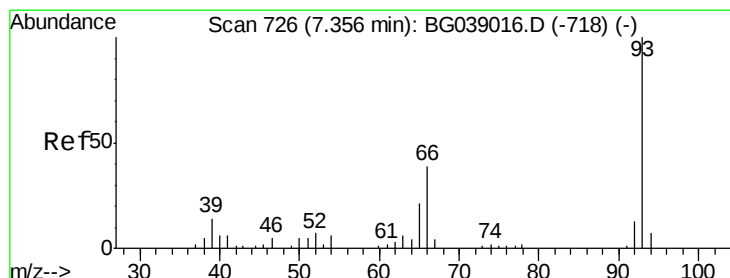
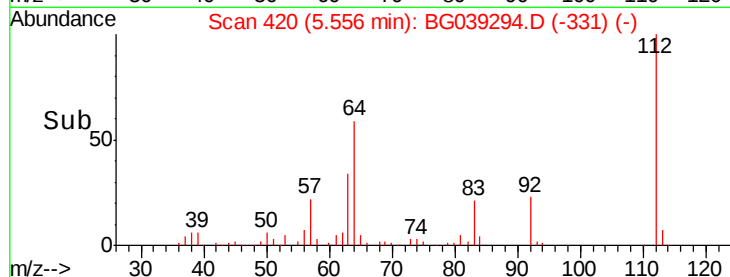
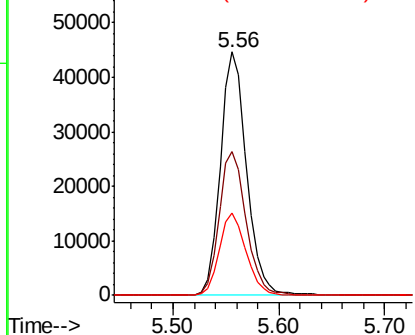
#5  
 2-Fluorophenol  
 Concen: 81.233 ng  
 RT: 5.56 min Scan# 420  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 112 Resp: 76874  
 Ion Ratio Lower Upper  
 112 100  
 64 59.2 47.0 70.6  
 63 34.1 28.0 42.0

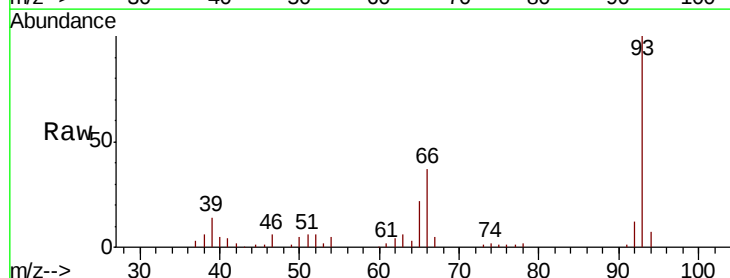


Abundance Ion 112.00 (111.70 to 112.70): BGC  
 Ion 64.00 (63.70 to 64.70): BGC  
 Ion 63.00 (62.70 to 63.70): BGC

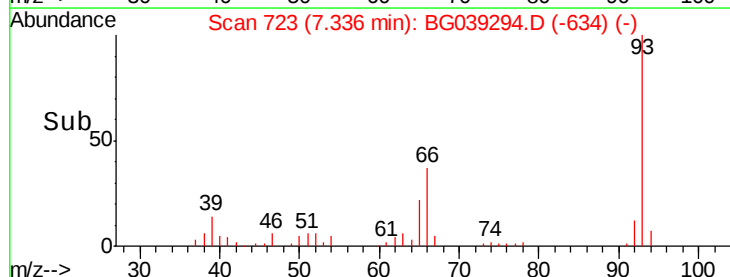
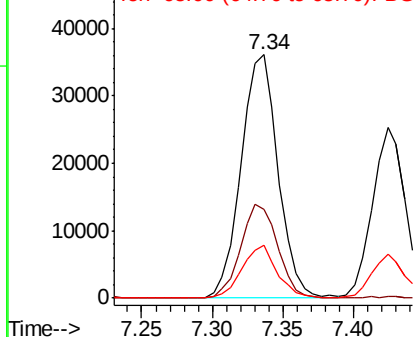


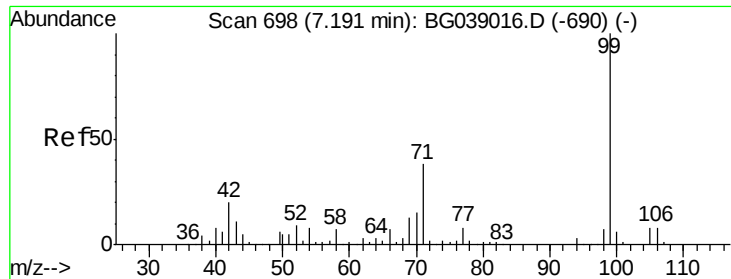
#6  
 Aniline  
 Concen: 40.428 ng  
 RT: 7.34 min Scan# 723  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Tgt Ion: 93 Resp: 66125  
 Ion Ratio Lower Upper  
 93 100  
 66 36.5 30.9 46.3  
 65 21.9 17.0 25.4



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: 81.070 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

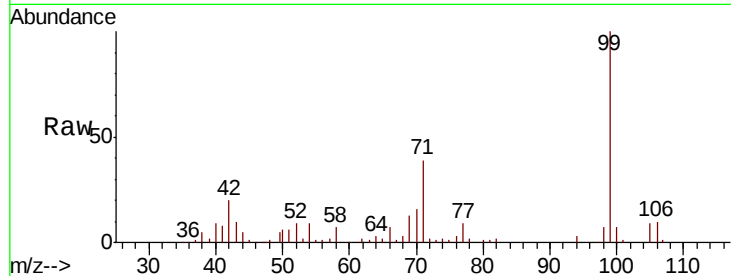
Tgt Ion: 99 Resp: 110410

Ion Ratio Lower Upper

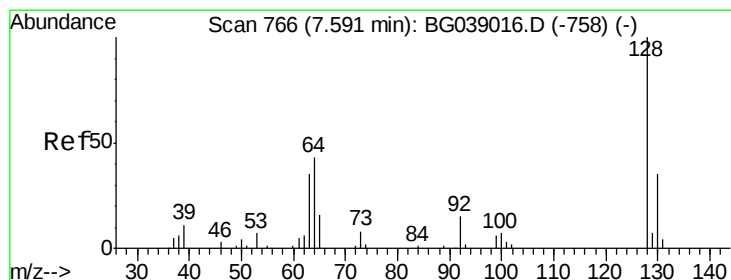
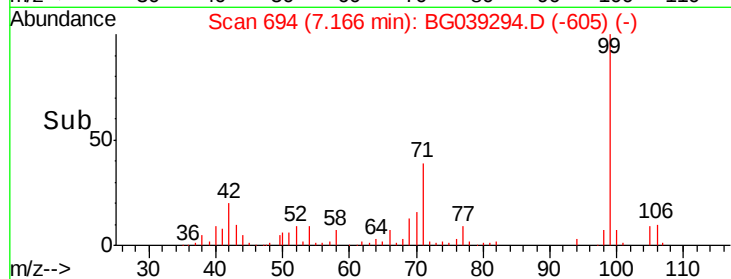
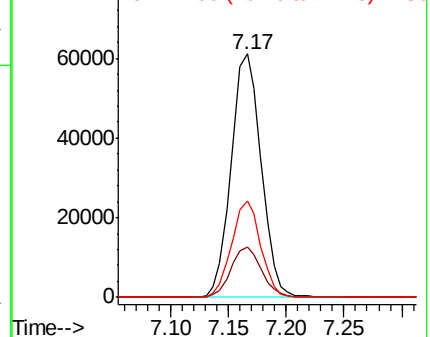
99 100

42 20.5 15.8 23.6

71 39.4 30.2 45.4



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: 39.707 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

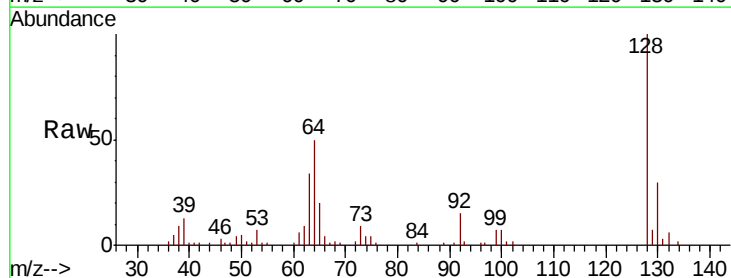
Tgt Ion: 128 Resp: 44295

Ion Ratio Lower Upper

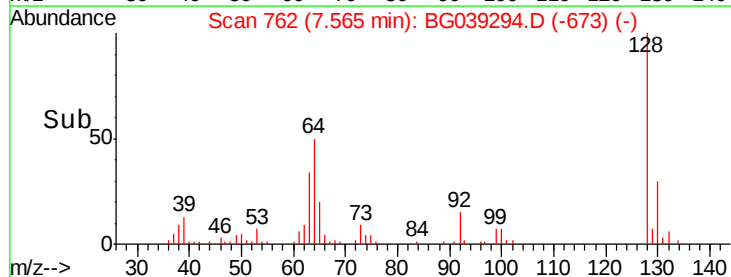
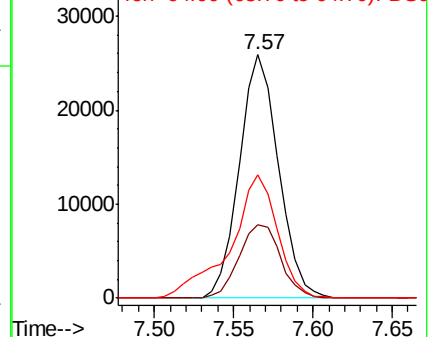
128 100

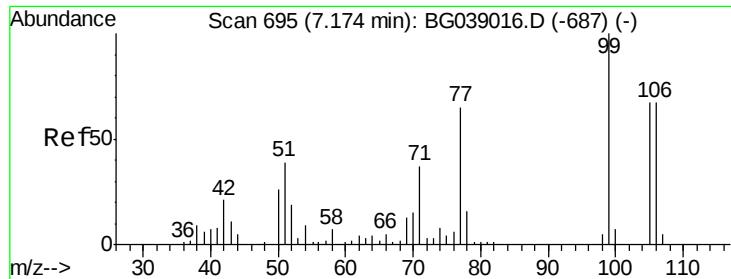
130 30.3 14.5 54.5

64 50.4 27.3 67.3



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

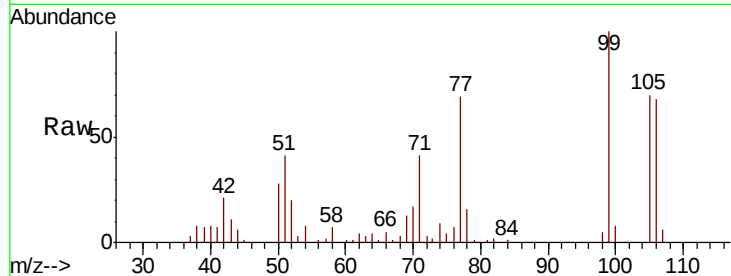




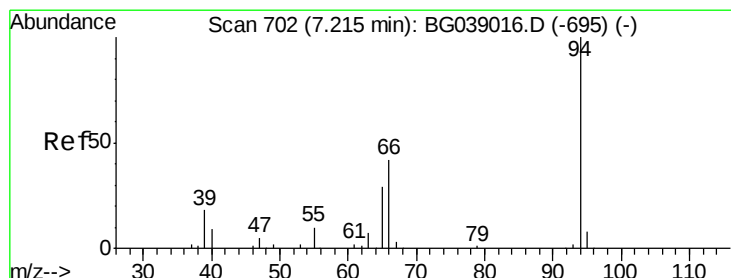
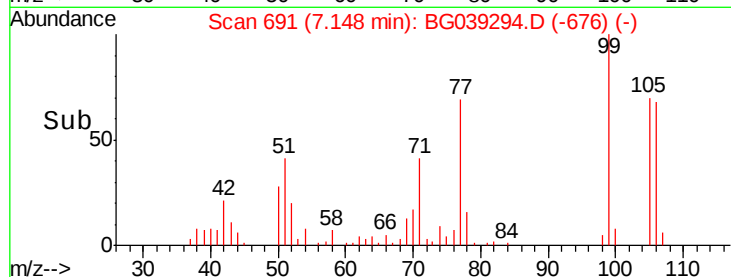
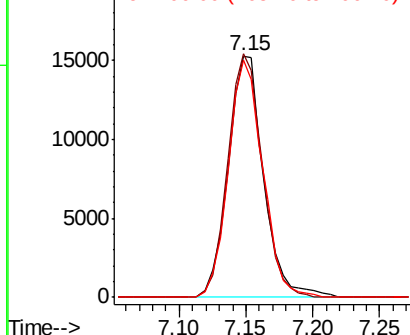
#9  
Benzaldehyde  
Concen: 35.772 ng  
RT: 7.15 min Scan# 691  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 28096  
Ion Ratio Lower Upper  
77 100  
105 101.0 82.4 122.4  
106 98.2 82.8 122.8

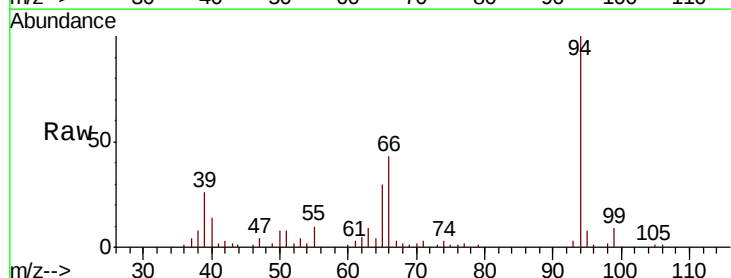


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC

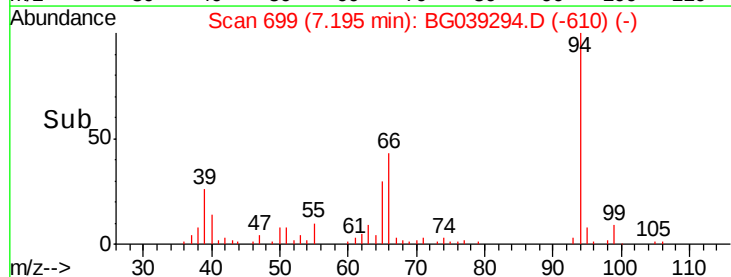
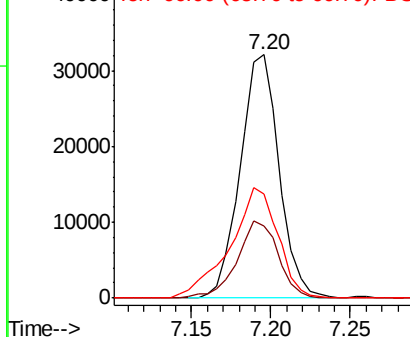


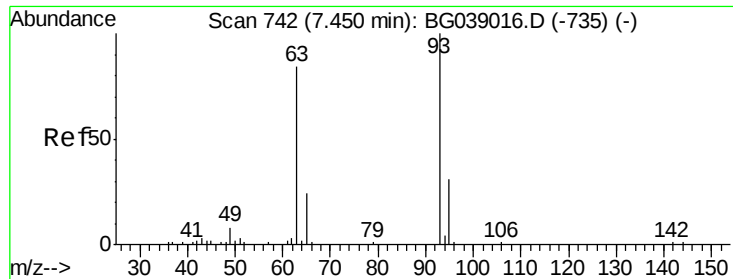
#10  
Phenol  
Concen: 40.021 ng  
RT: 7.20 min Scan# 699  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Tgt Ion: 94 Resp: 54646  
Ion Ratio Lower Upper  
94 100  
65 29.7 10.3 50.3  
66 42.7 25.1 65.1



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

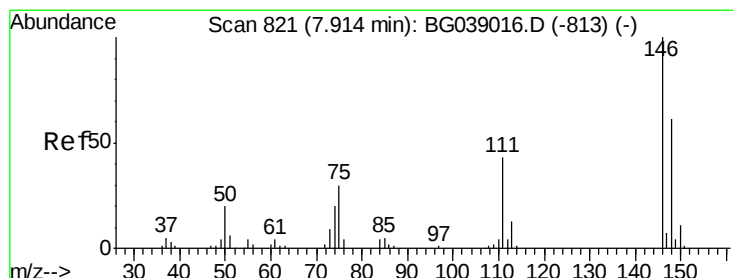
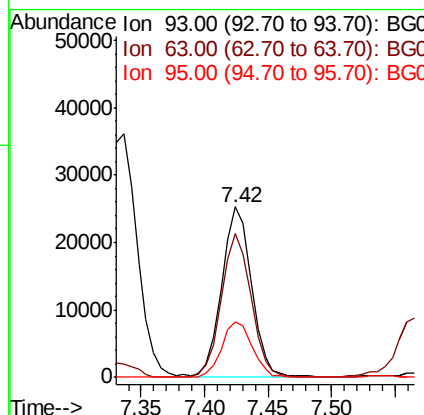
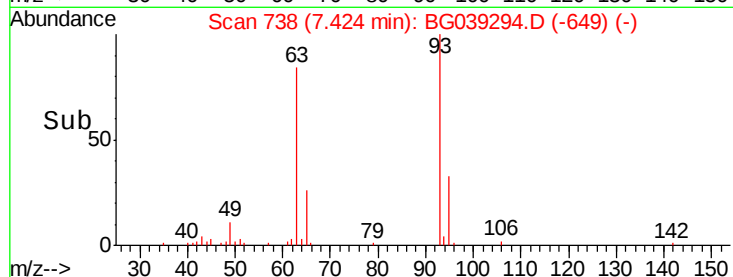
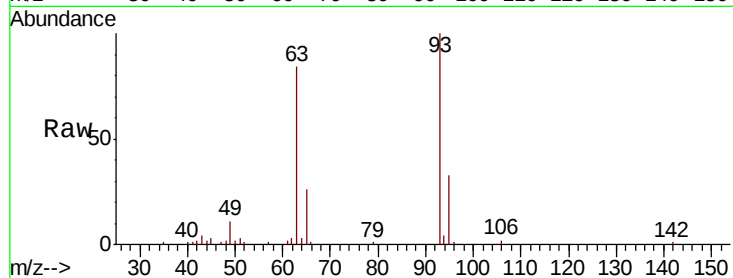




#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.665 ng  
 RT: 7.42 min Scan# 738  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

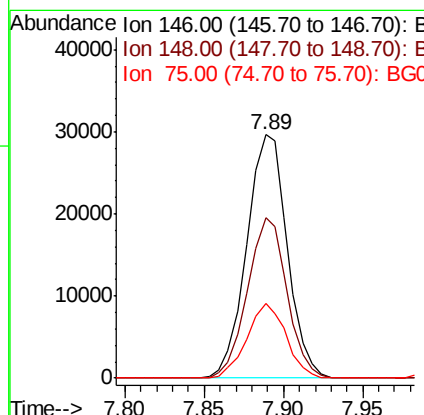
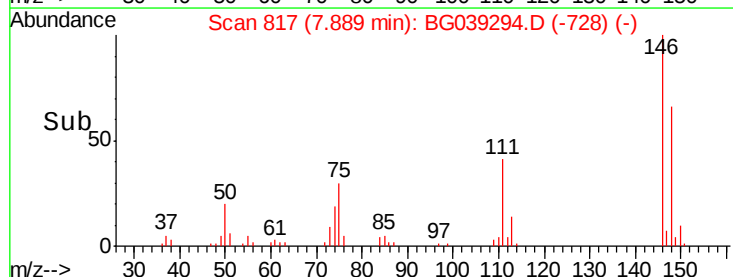
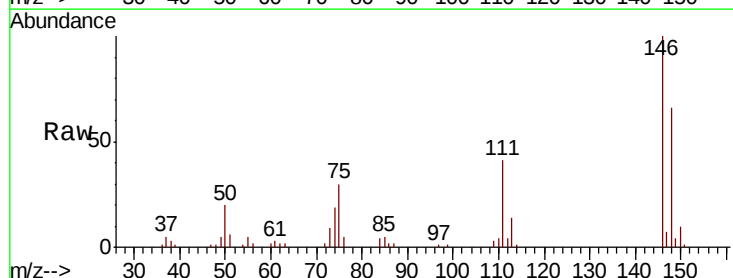
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

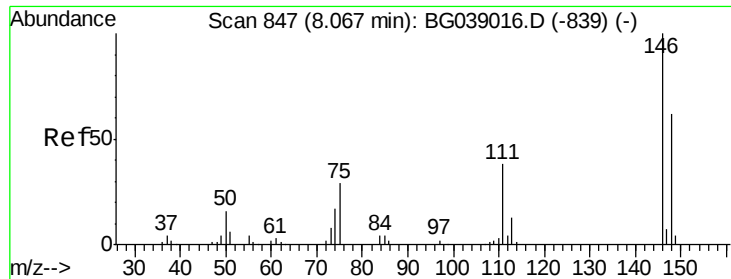
Tgt Ion: 93 Resp: 41394  
 Ion Ratio Lower Upper  
 93 100  
 63 84.4 63.2 103.2  
 95 32.9 11.2 51.2



#12  
 1,3-Dichlorobenzene  
 Concen: 39.243 ng  
 RT: 7.89 min Scan# 817  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Tgt Ion: 146 Resp: 52451  
 Ion Ratio Lower Upper  
 146 100  
 148 66.1 49.1 73.7  
 75 30.5 23.9 35.9

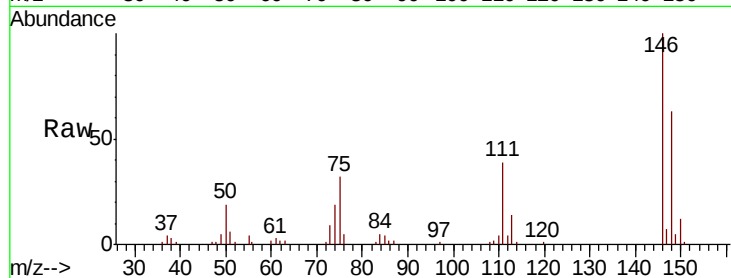




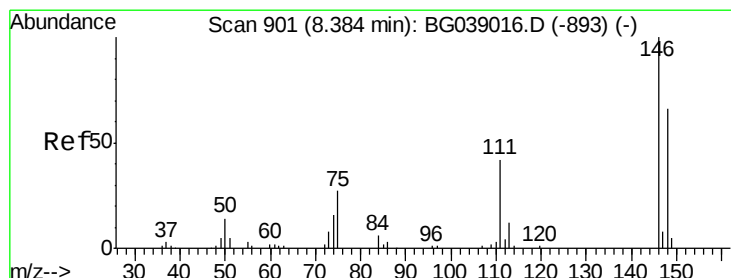
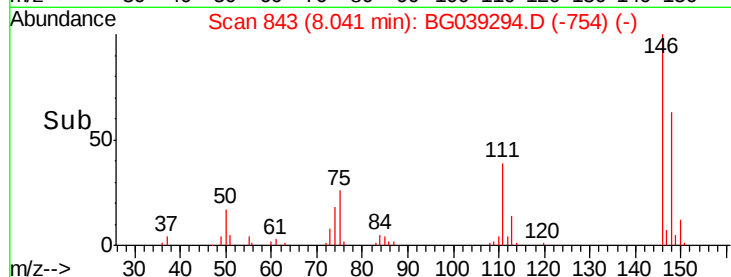
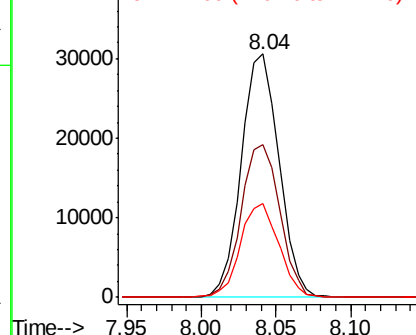
#13  
 1,4-Dichlorobenzene  
 Concen: 39.707 ng  
 RT: 8.04 min Scan# 843  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:146 Resp: 53748  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 49.8 74.6  
 111 38.7 30.6 45.8

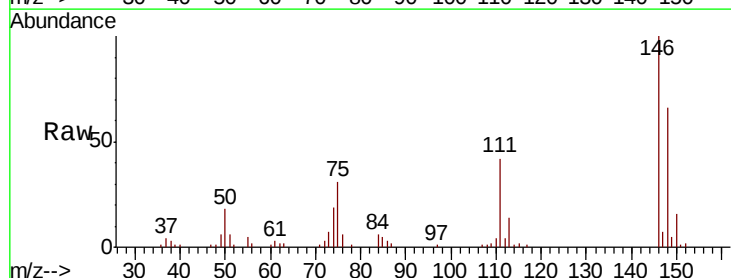


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

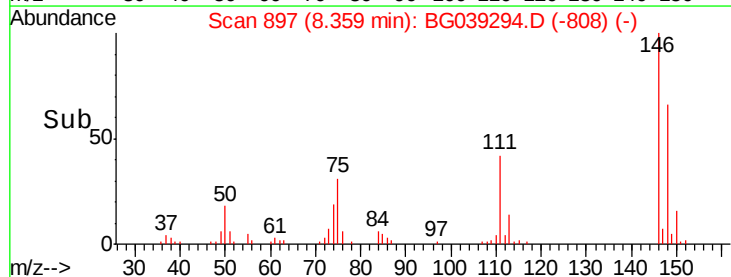
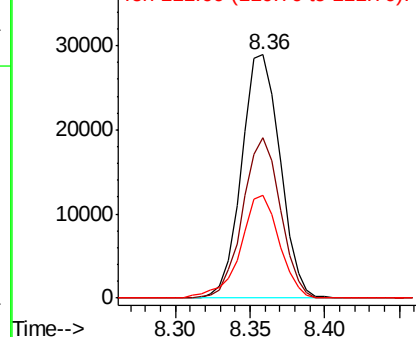


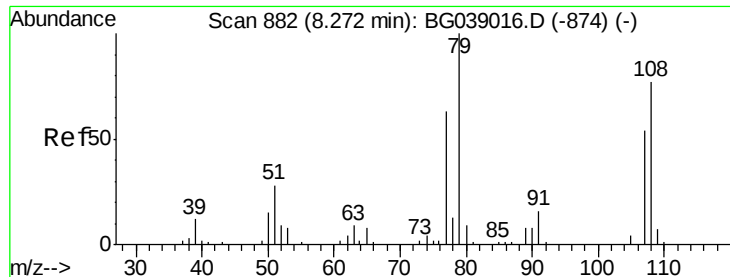
#14  
 1,2-Dichlorobenzene  
 Concen: 40.053 ng  
 RT: 8.36 min Scan# 897  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Tgt Ion:146 Resp: 51694  
 Ion Ratio Lower Upper  
 146 100  
 148 65.7 52.6 79.0  
 111 42.2 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 41.342 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

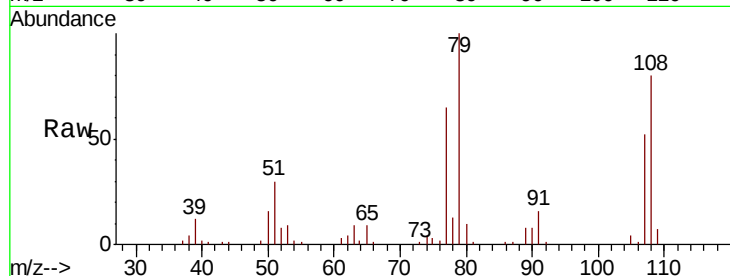
Tgt Ion: 79 Resp: 42402

Ion Ratio Lower Upper

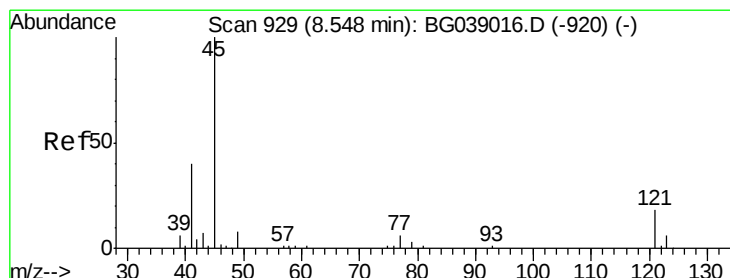
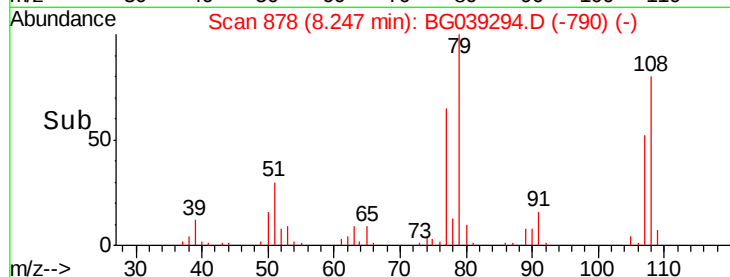
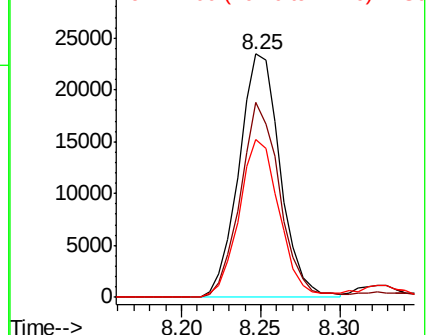
79 100

108 80.3 62.0 93.0

77 64.9 50.1 75.1



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.480 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

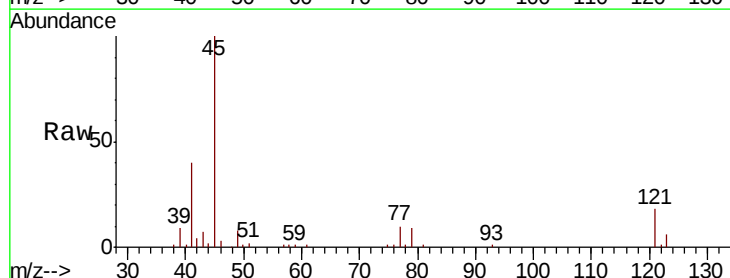
Tgt Ion: 45 Resp: 83005

Ion Ratio Lower Upper

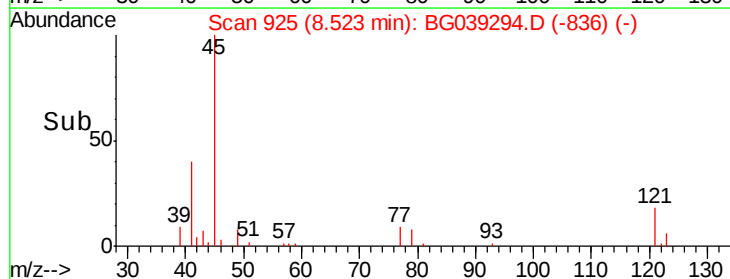
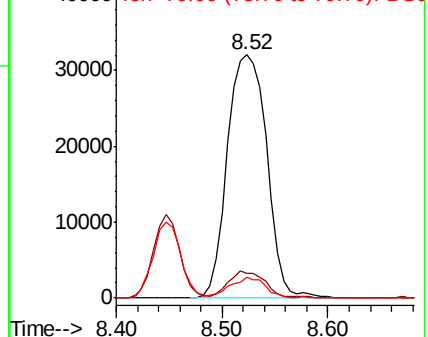
45 100

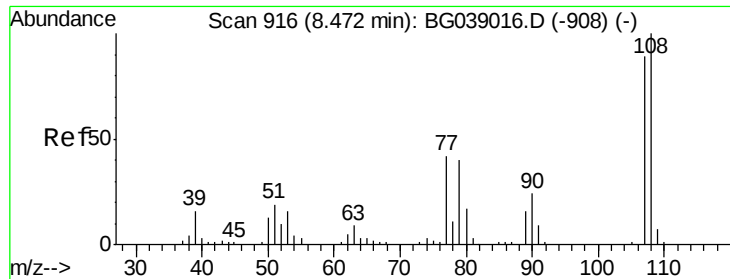
77 10.4 0.0 30.7

79 8.6 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

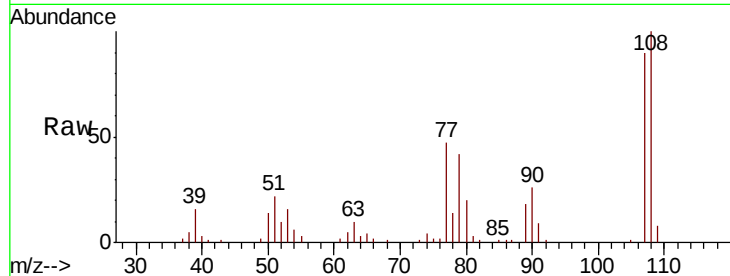




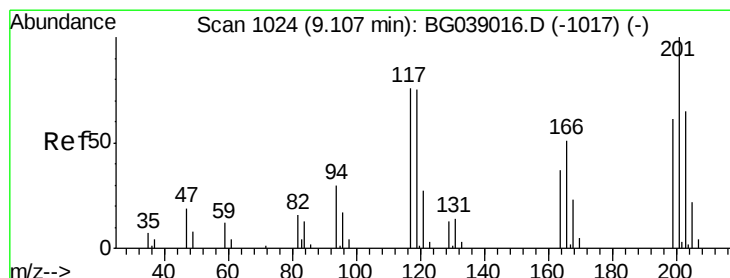
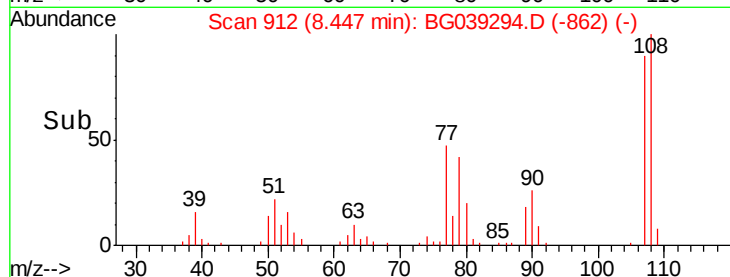
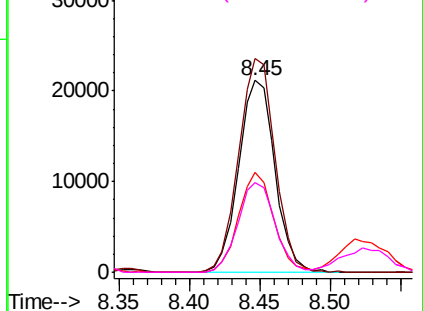
#17  
2-Methylphenol  
Concen: 40.168 ng  
RT: 8.45 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:107 Resp: 38084  
Ion Ratio Lower Upper  
107 100  
108 111.4 90.3 135.5  
77 52.1 38.3 57.5  
79 46.9 35.8 53.6

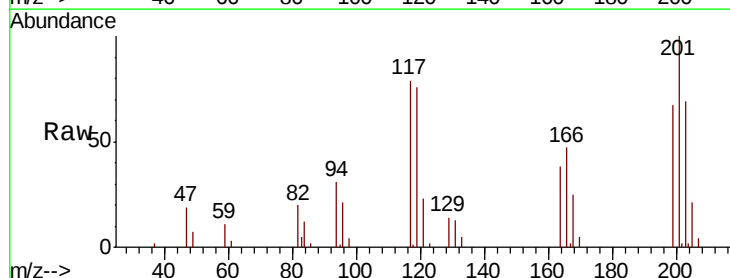


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

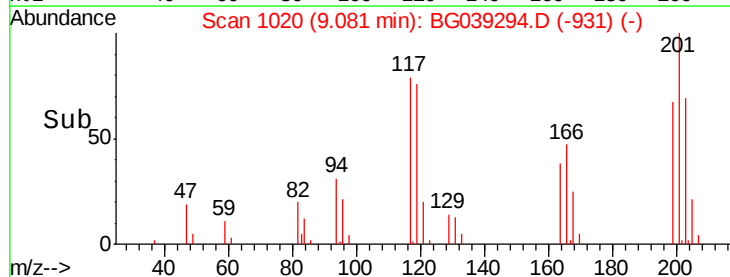
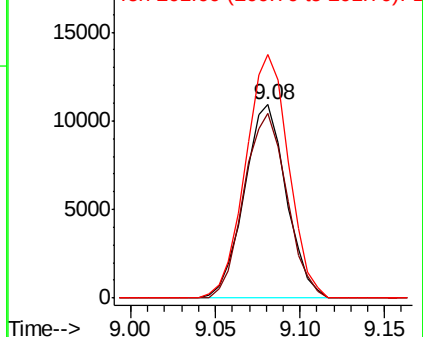


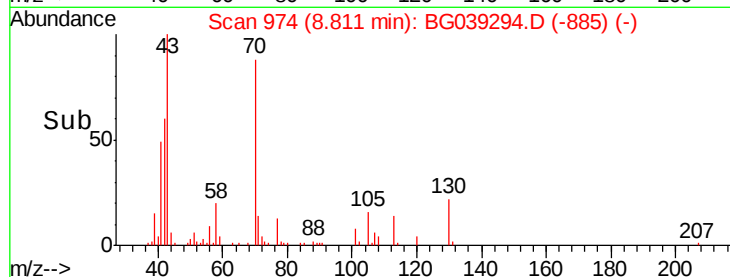
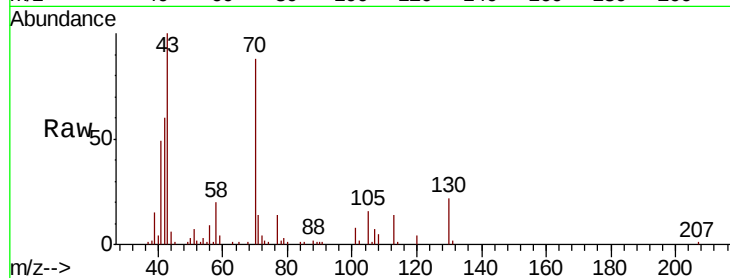
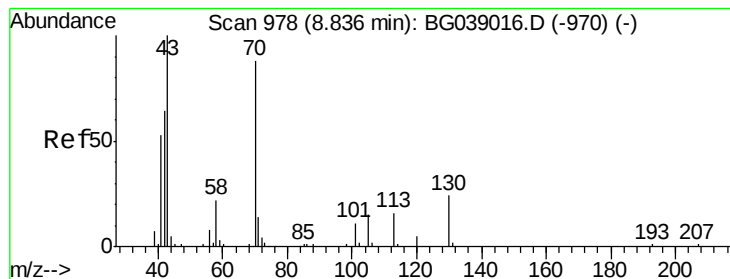
#18  
Hexachloroethane  
Concen: 41.125 ng  
RT: 9.08 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Tgt Ion:117 Resp: 18912  
Ion Ratio Lower Upper  
117 100  
119 95.3 78.7 118.1  
201 125.8 108.1 162.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 41.852 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

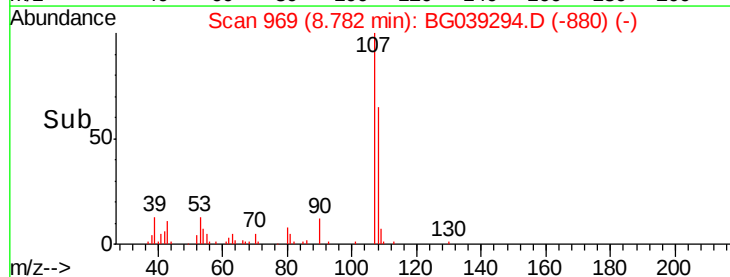
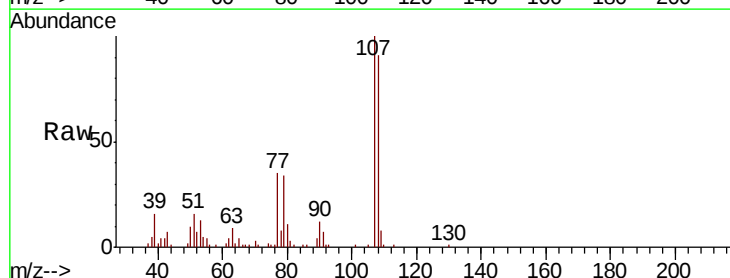
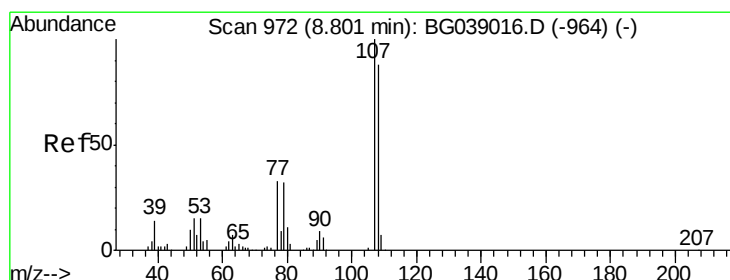
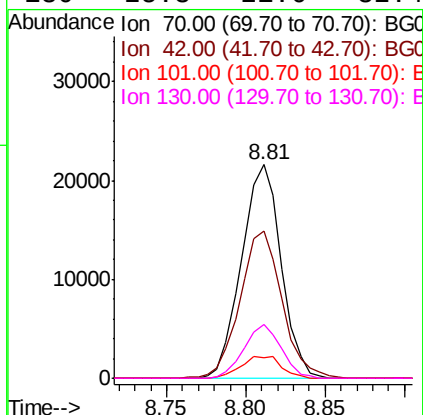
ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 37430

Ion Ratio Lower Upper

|     |      |      |      |
|-----|------|------|------|
| 70  | 100  |      |      |
| 42  | 68.7 | 59.0 | 88.4 |
| 101 | 9.6  | 10.4 | 15.6 |
| 130 | 25.3 | 21.6 | 32.4 |



#20

3+4-Methylphenols

Concen: 40.972 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

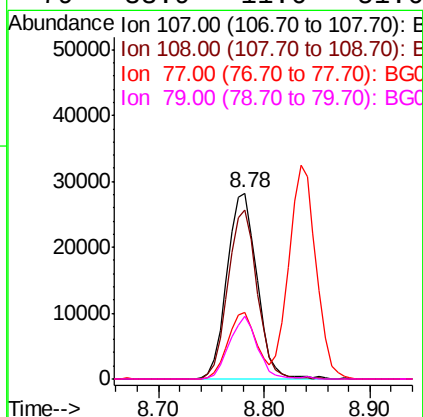
Lab File: BG039294.D

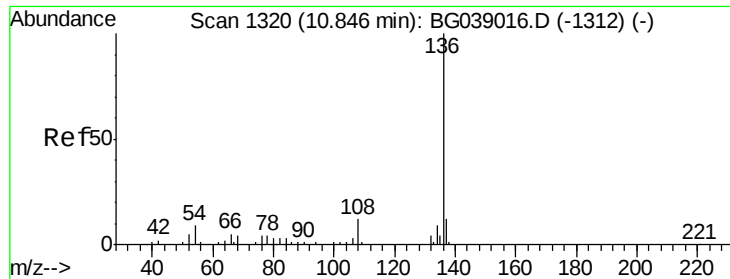
Acq: 26 Jan 2019 3:13

Tgt Ion: 107 Resp: 55385

Ion Ratio Lower Upper

|     |      |      |       |
|-----|------|------|-------|
| 107 | 100  |      |       |
| 108 | 90.9 | 68.4 | 108.4 |
| 77  | 35.5 | 13.3 | 53.3  |
| 79  | 33.9 | 11.6 | 51.6  |

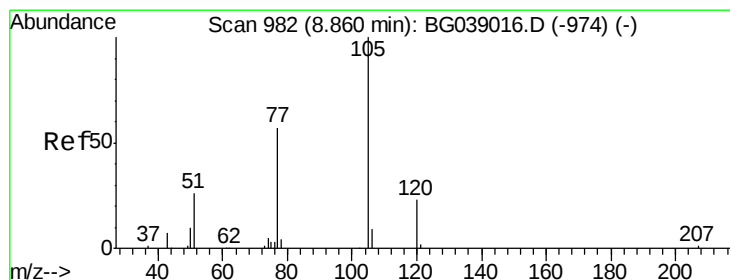
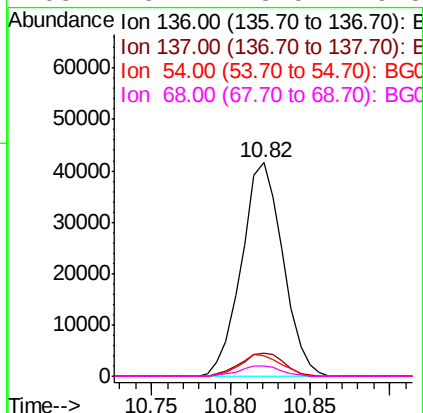
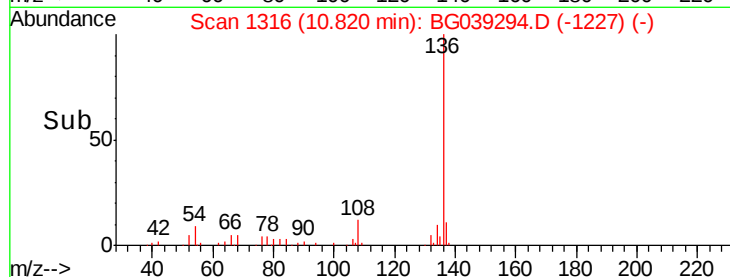
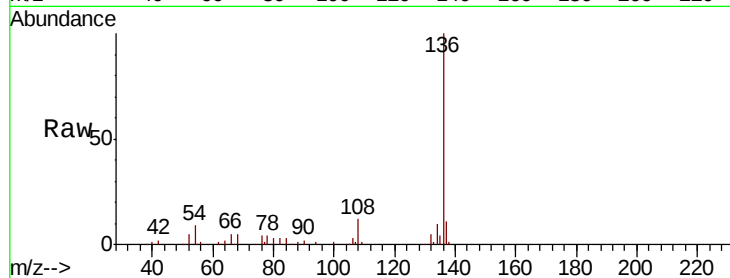




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

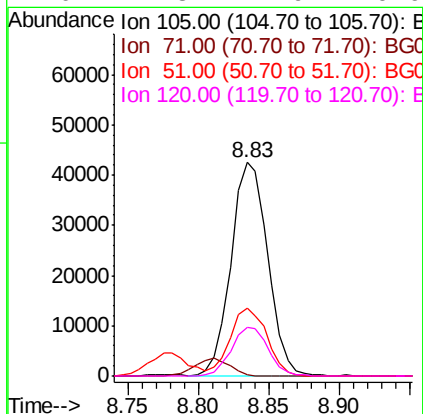
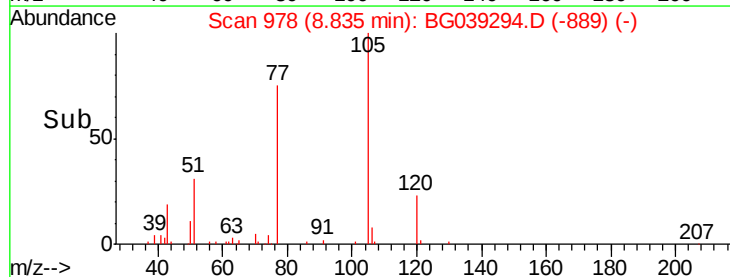
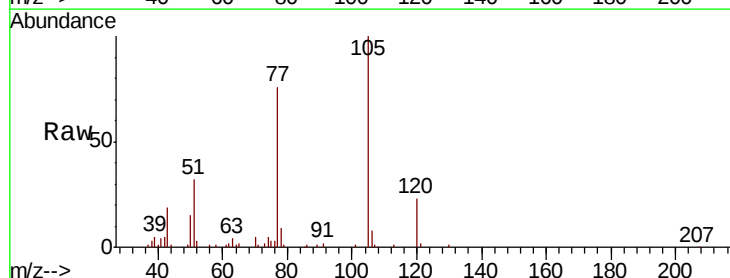
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

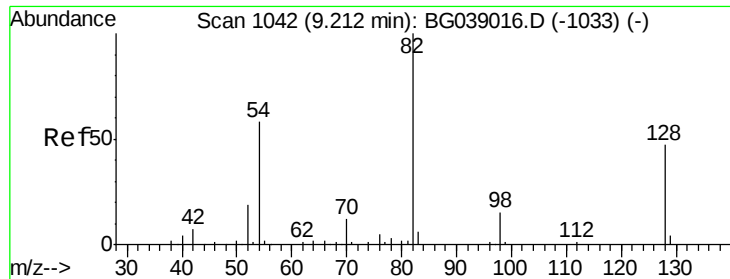
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 75350 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.9  | 9.4   | 14.2  |
| 54       | 9.5   | 7.2   | 10.8  |
| 68       | 5.1   | 3.5   | 5.3   |



#22  
Acetophenone  
Concen: 39.184 ng  
RT: 8.83 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 77106 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.9   | 0.6   | 1.0   |
| 51       | 31.6  | 26.6  | 39.8  |
| 120      | 22.8  | 17.9  | 26.9  |

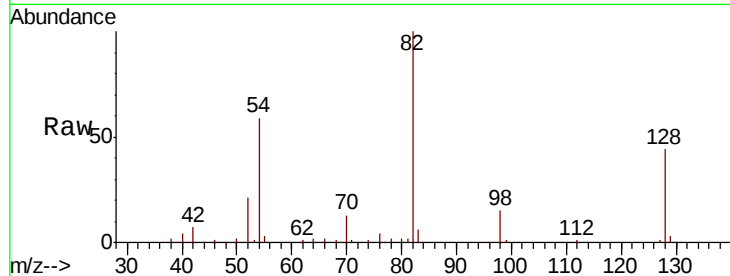




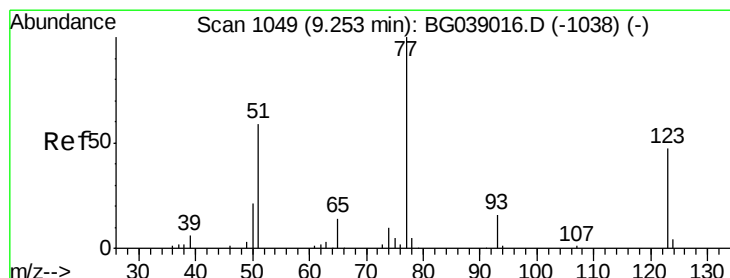
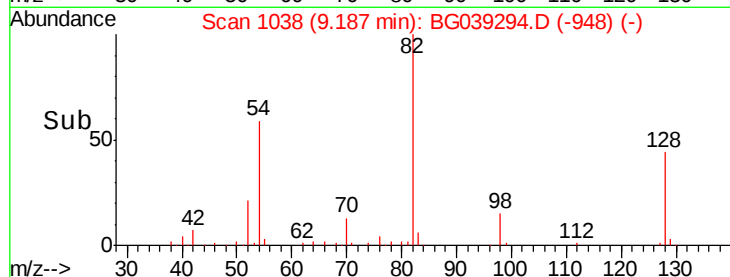
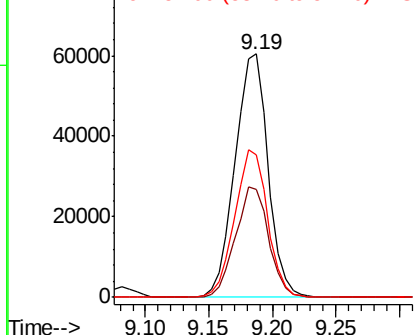
#23  
 Nitrobenzene-d5  
 Concen: 79.240 ng  
 RT: 9.19 min Scan# 1038  
 Delta R.T. -0.00 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 82 Resp: 109116  
 Ion Ratio Lower Upper  
 82 100  
 128 44.4 37.3 55.9  
 54 58.5 46.4 69.6

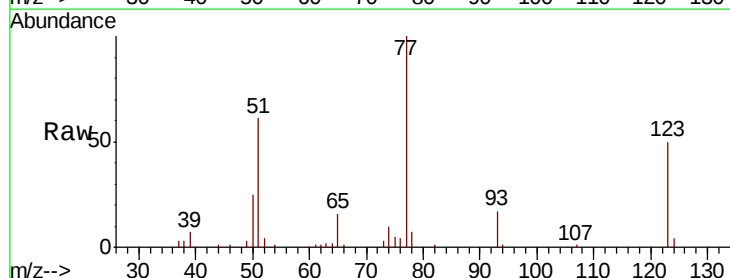


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

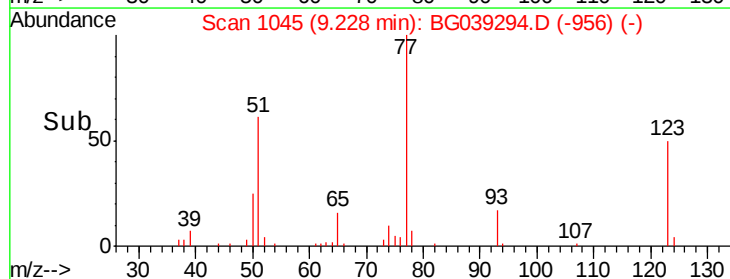
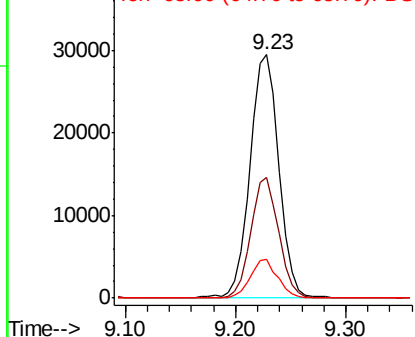


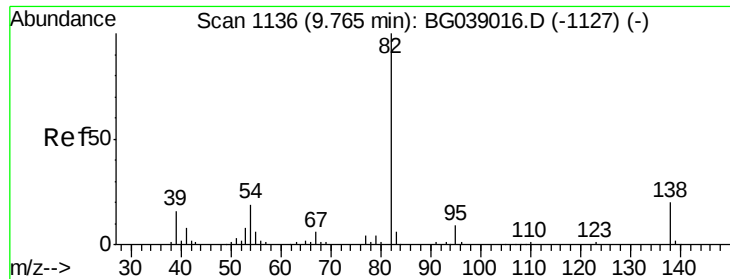
#24  
 Nitrobenzene  
 Concen: 38.889 ng  
 RT: 9.23 min Scan# 1045  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Tgt Ion: 77 Resp: 54128  
 Ion Ratio Lower Upper  
 77 100  
 123 49.6 37.6 56.4  
 65 16.1 11.0 16.6



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

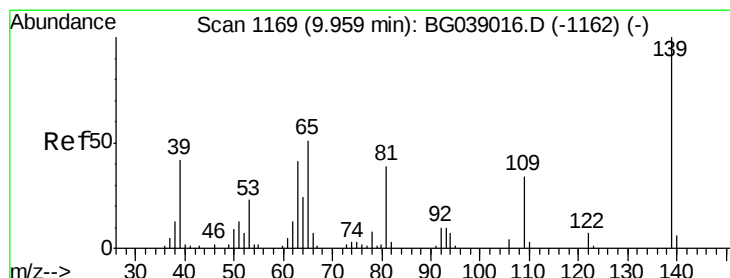
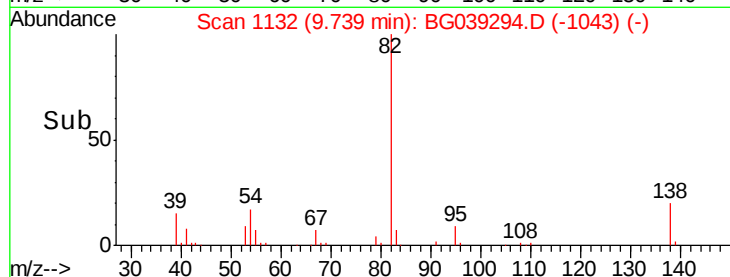
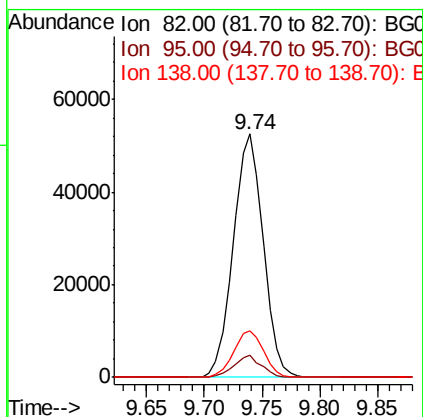
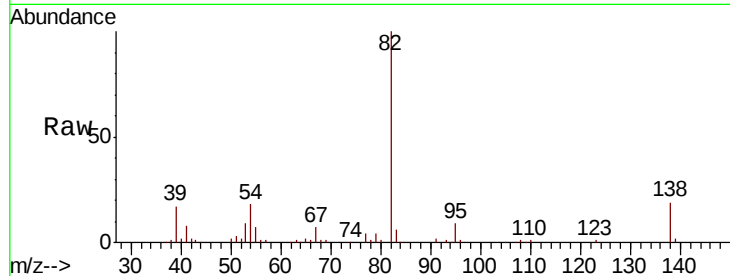




#25  
Isophorone  
Concen: 39.731 ng  
RT: 9.74 min Scan# 1132  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

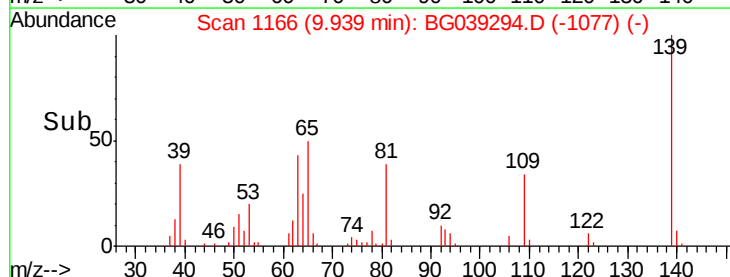
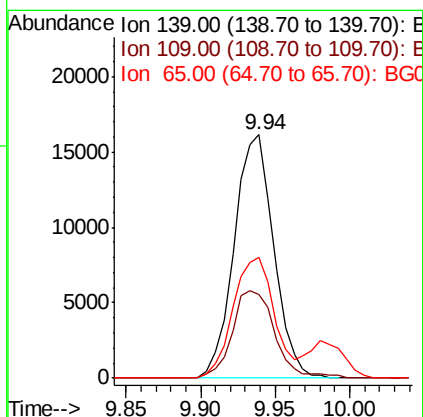
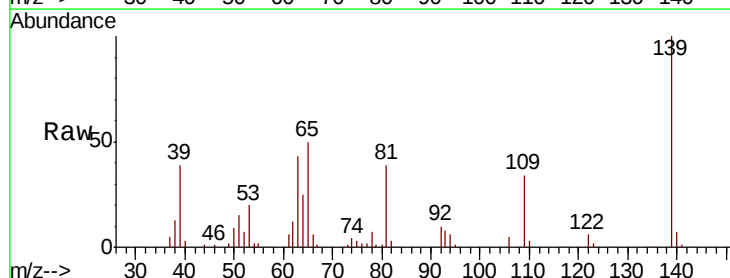
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

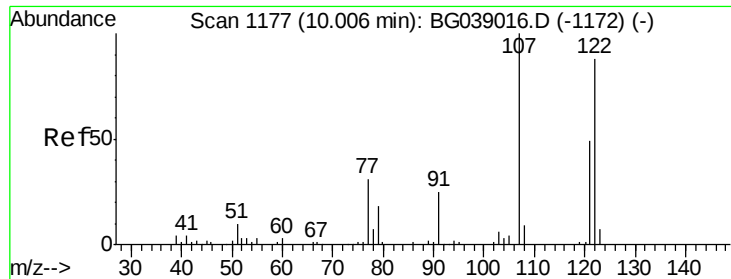
Tgt Ion: 82 Resp: 94242  
Ion Ratio Lower Upper  
82 100  
95 8.9 7.0 10.6  
138 19.2 16.2 24.4



#26  
2-Nitrophenol  
Concen: 39.402 ng  
RT: 9.94 min Scan# 1166  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Tgt Ion: 139 Resp: 29664  
Ion Ratio Lower Upper  
139 100  
109 34.1 27.3 40.9  
65 49.8 40.6 61.0

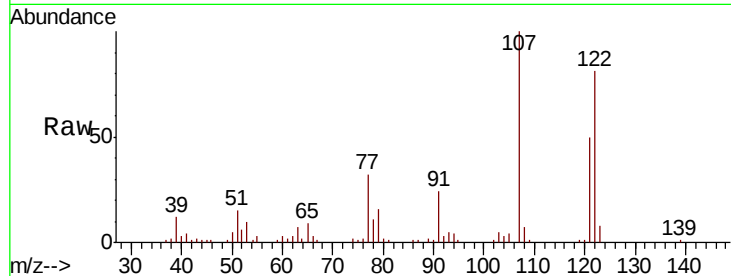




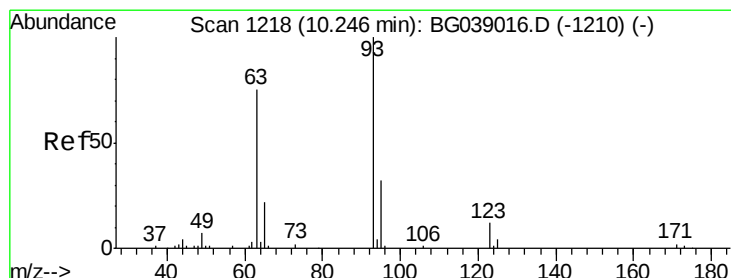
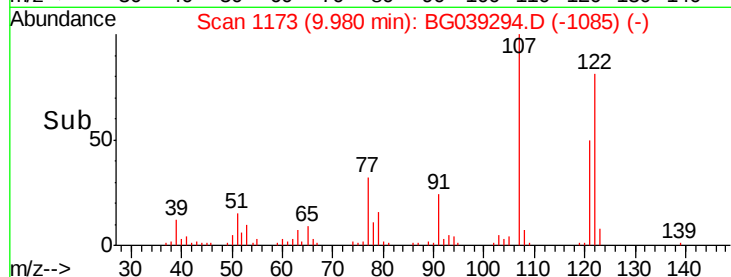
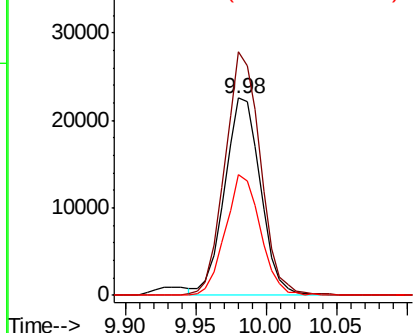
#27  
2,4-Dimethylphenol  
Concen: 37.874 ng  
RT: 9.98 min Scan# 1173  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:122 Resp: 40115  
Ion Ratio Lower Upper  
122 100  
107 123.6 88.8 133.2  
121 61.6 43.1 64.7

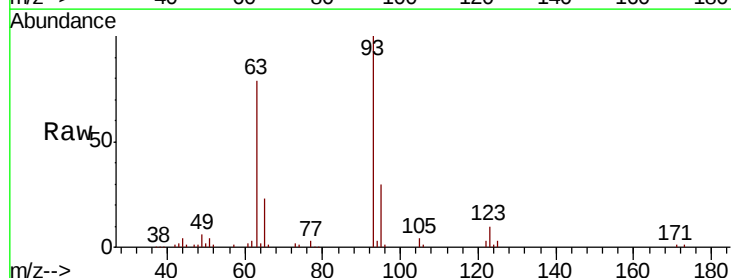


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

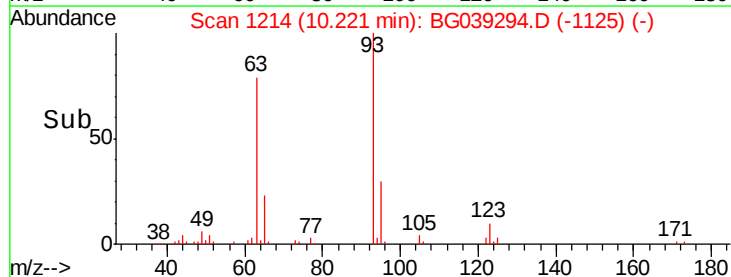
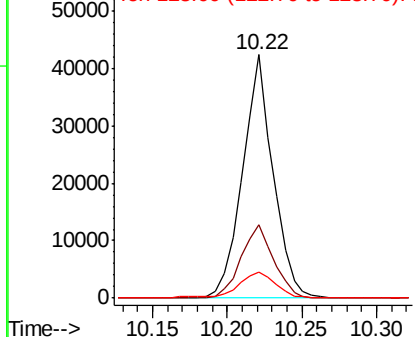


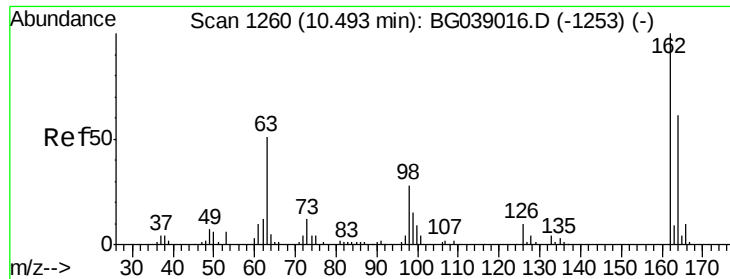
#28  
bis(2-Chloroethoxy)methane  
Concen: 41.956 ng  
RT: 10.22 min Scan# 1214  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Tgt Ion: 93 Resp: 59811  
Ion Ratio Lower Upper  
93 100  
95 29.9 25.6 38.4  
123 10.4 10.1 15.1



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

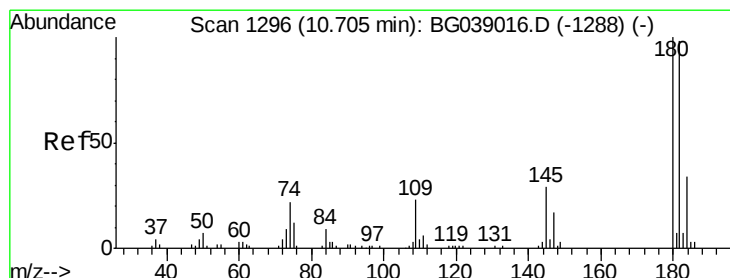
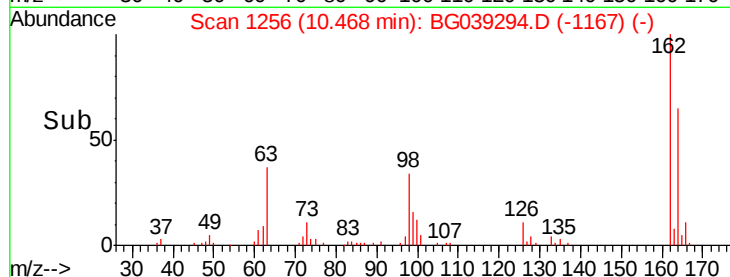
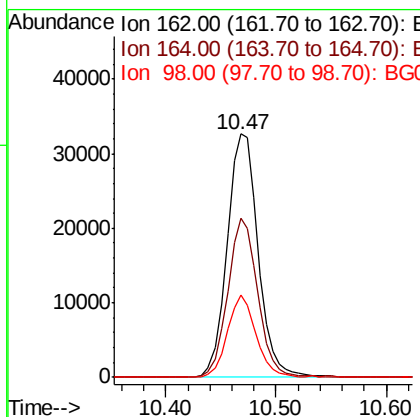
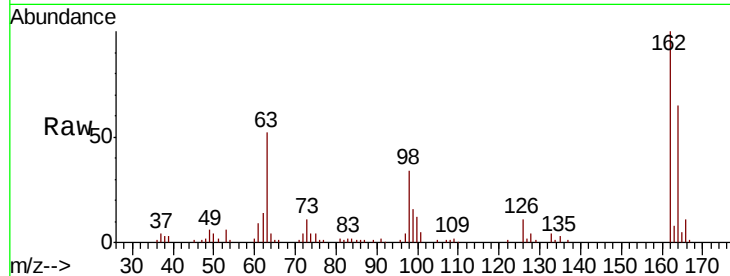




#29  
 2,4-Dichlorophenol  
 Concen: 48.698 ng  
 RT: 10.47 min Scan# 1256  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

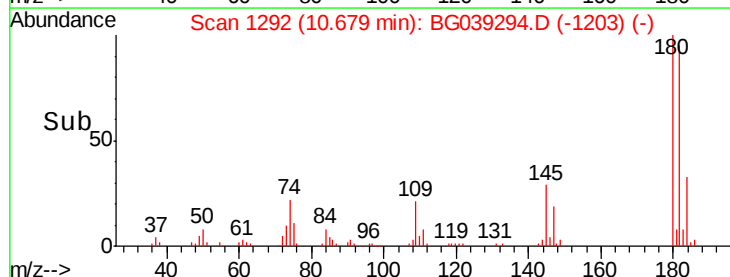
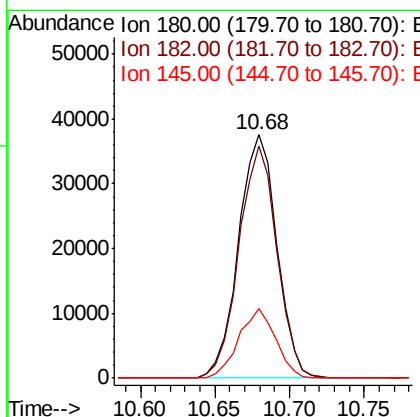
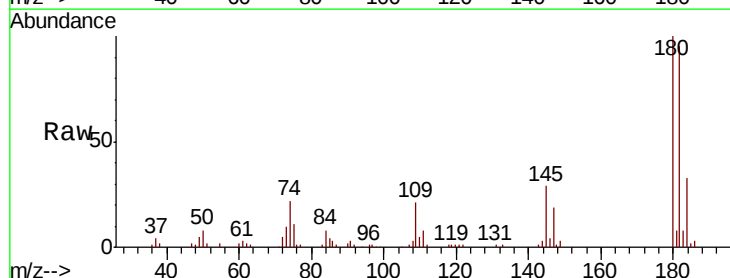
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

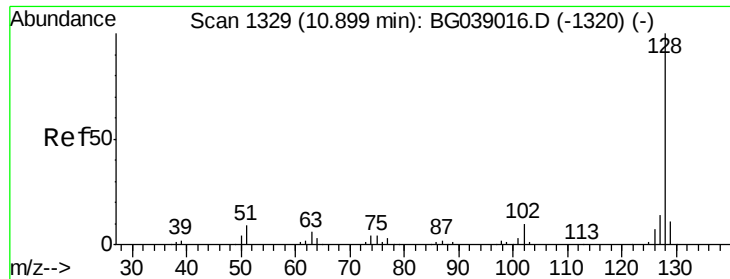
Tgt Ion:162 Resp: 64078  
 Ion Ratio Lower Upper  
 162 100  
 164 65.2 41.3 81.3  
 98 33.6 8.3 48.3



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.166 ng  
 RT: 10.68 min Scan# 1292  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Tgt Ion:180 Resp: 66665  
 Ion Ratio Lower Upper  
 180 100  
 182 95.4 78.1 117.1  
 145 28.5 23.1 34.7

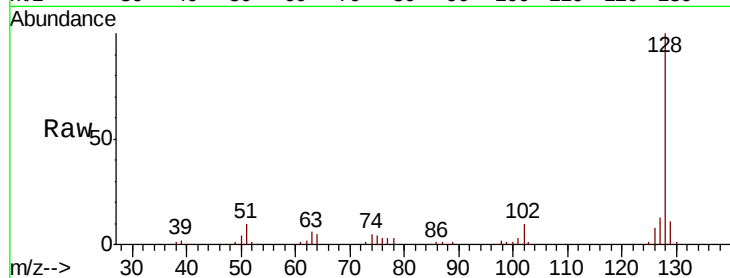




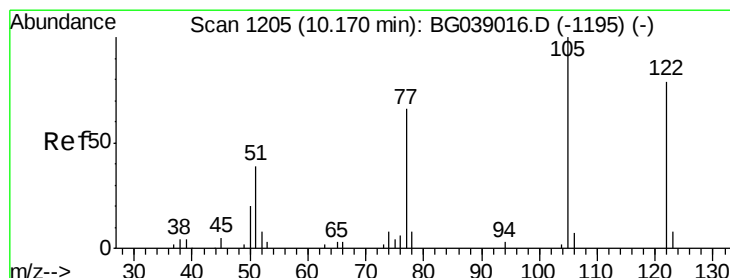
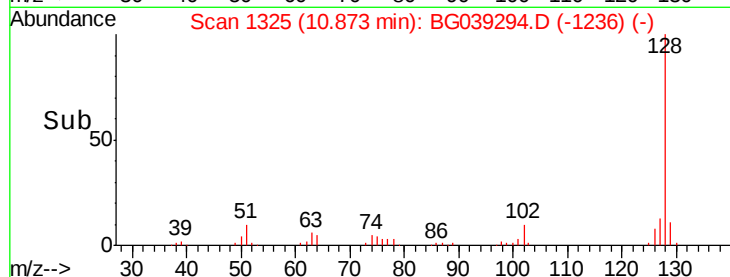
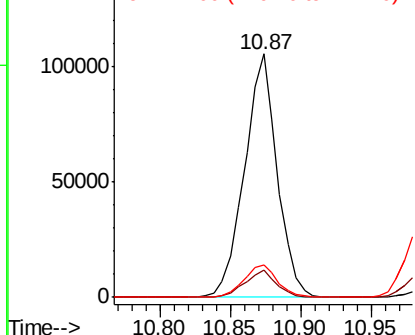
#31  
Naphthalene  
Concen: 44.991 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:128 Resp: 170026  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.1 13.7  
127 13.4 11.2 16.8

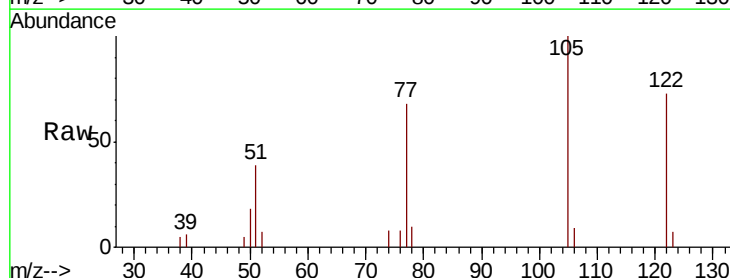


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

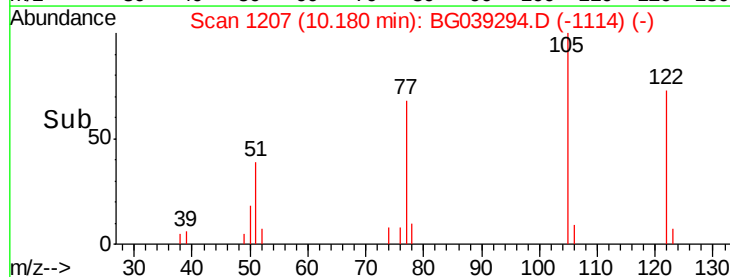
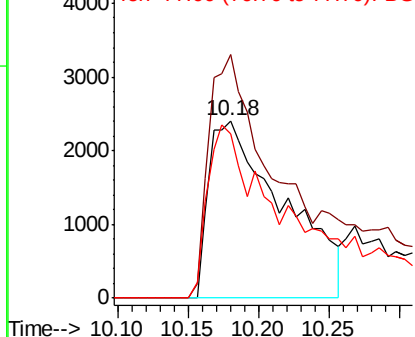


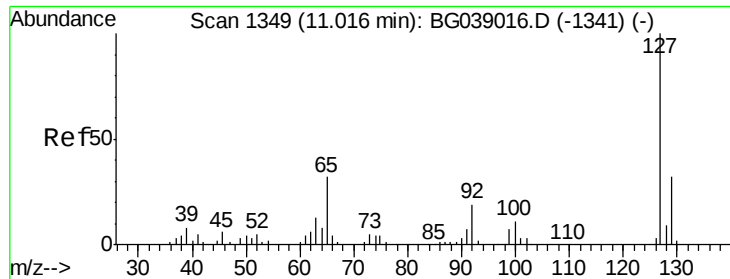
#32  
Benzoic acid  
Concen: 20.342 ng  
RT: 10.18 min Scan# 1207  
Delta R.T. 0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Tgt Ion:122 Resp: 8836  
Ion Ratio Lower Upper  
122 100  
105 137.3 106.4 146.4  
77 92.7 63.6 103.6



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG

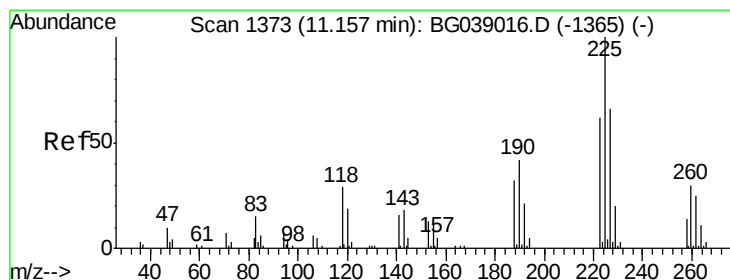
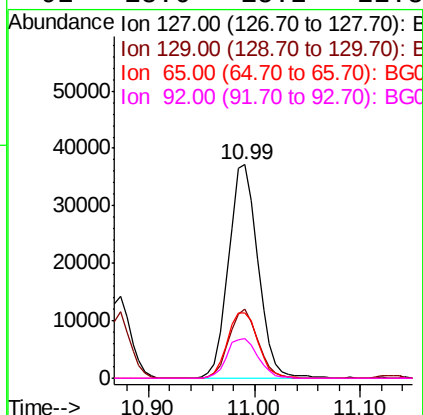
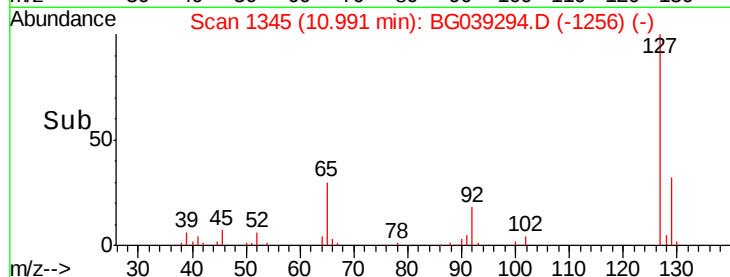
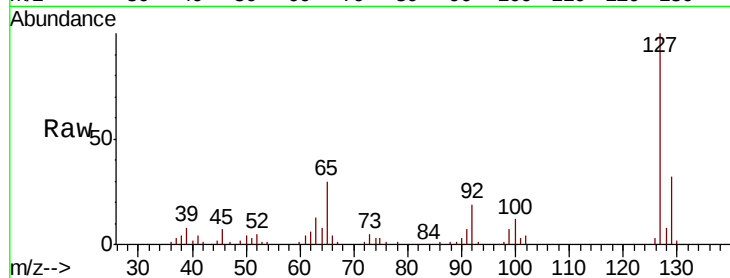




#33  
4-Chloroaniline  
Concen: 42.444 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

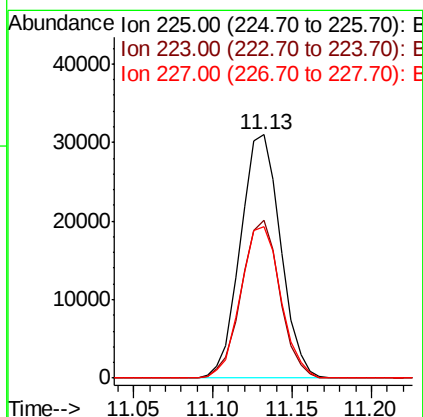
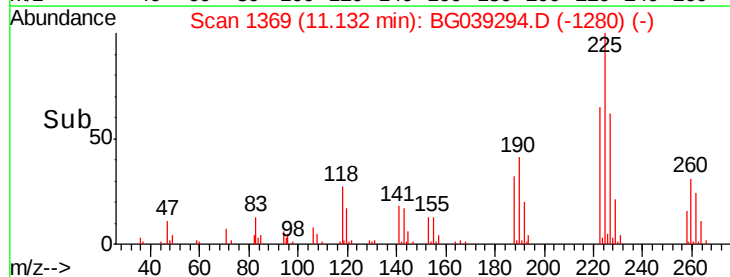
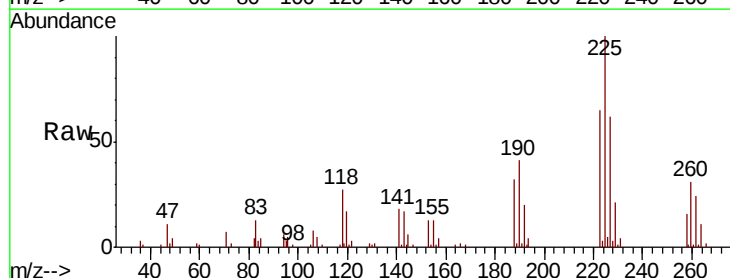
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

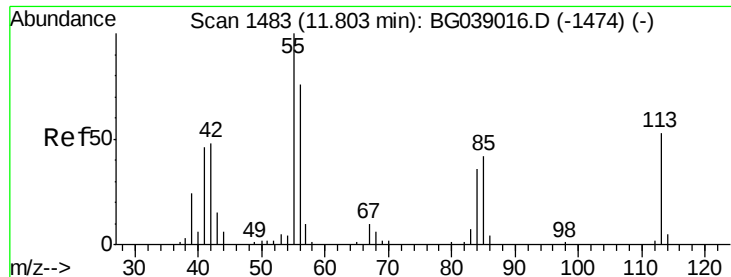
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 71773 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.1  | 25.4  | 38.0  |
| 65       | 30.3  | 25.4  | 38.0  |
| 92       | 18.6  | 15.2  | 22.8  |



#34  
Hexachlorobutadiene  
Concen: 50.011 ng  
RT: 11.13 min Scan# 1369  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 54405 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.7  | 50.2  | 75.4  |
| 227      | 62.4  | 53.2  | 79.8  |

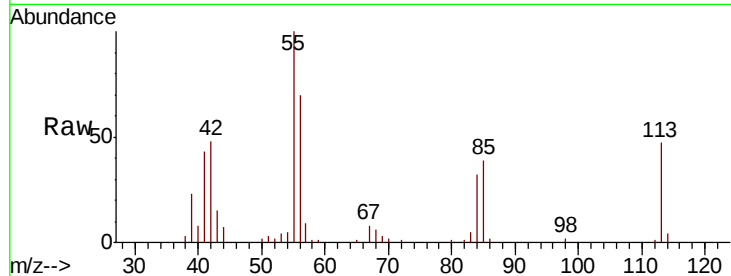




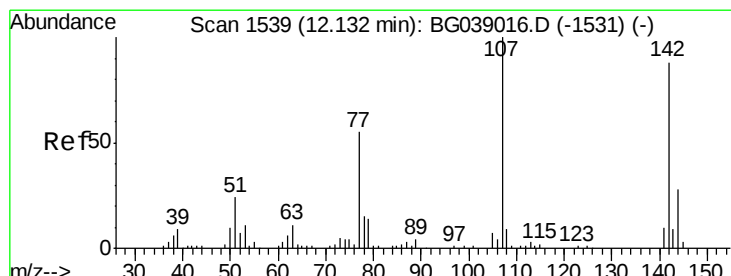
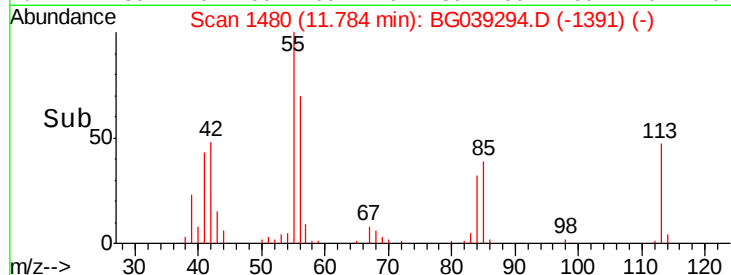
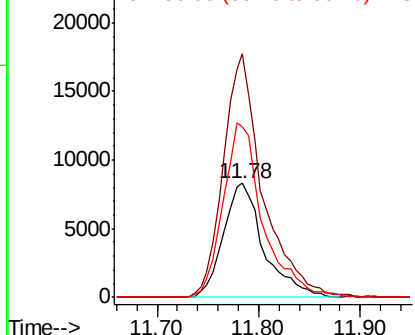
#35  
 Caprolactam  
 Concen: 43.533 ng  
 RT: 11.78 min Scan# 1480  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:113 Resp: 22970  
 Ion Ratio Lower Upper  
 113 100  
 55 213.1 168.6 208.6#  
 56 149.8 123.2 163.2

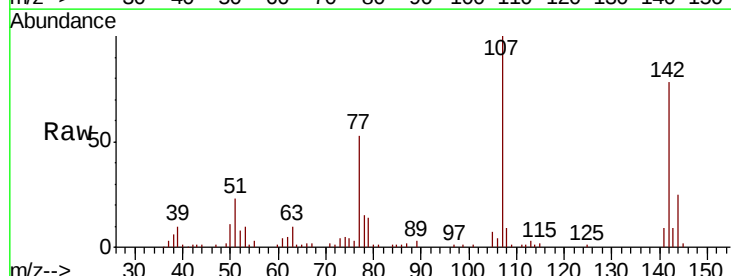


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BG  
 Ion 56.00 (55.70 to 56.70): BG

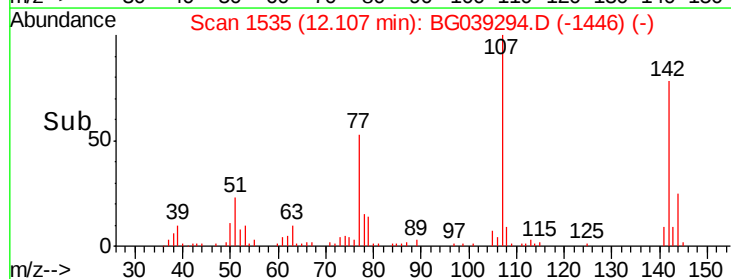
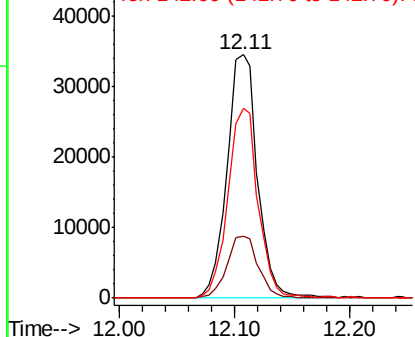


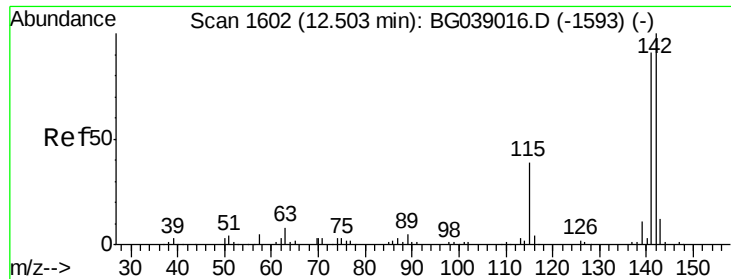
#36  
 4-Chloro-3-methylphenol  
 Concen: 44.835 ng  
 RT: 12.11 min Scan# 1535  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Tgt Ion:107 Resp: 63099  
 Ion Ratio Lower Upper  
 107 100  
 144 25.1 22.6 34.0  
 142 78.2 70.2 105.4



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

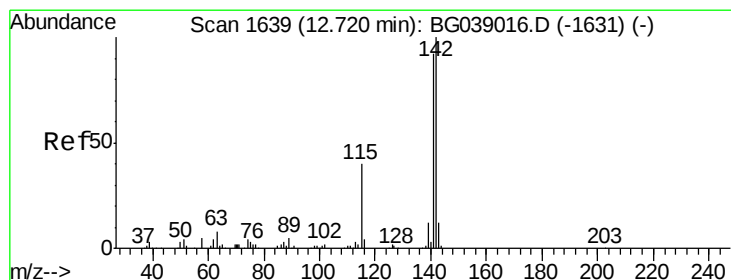
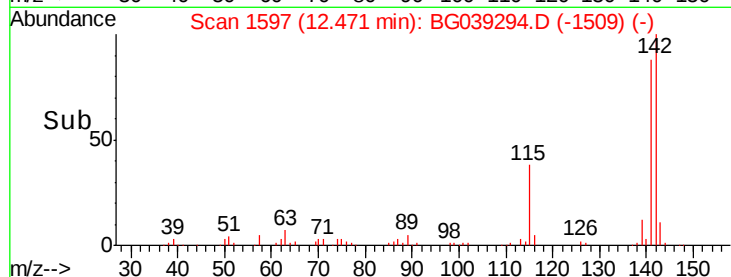
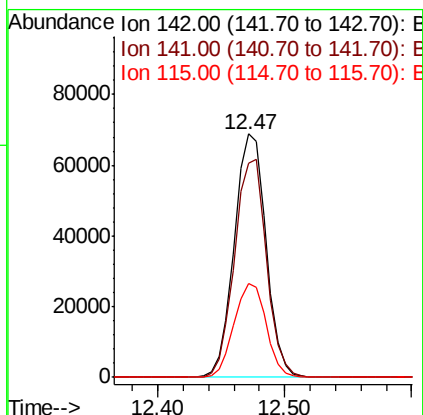
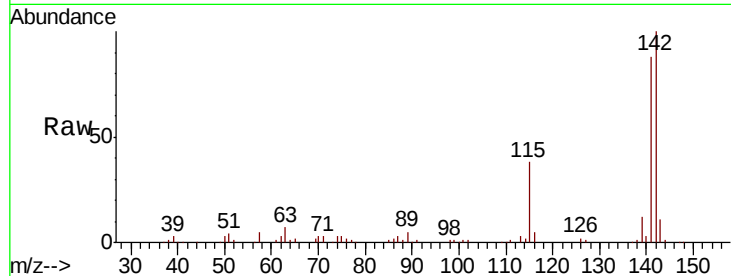




#37  
 2-Methylnaphthalene  
 Concen: 42.080 ng  
 RT: 12.47 min Scan# 1597  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

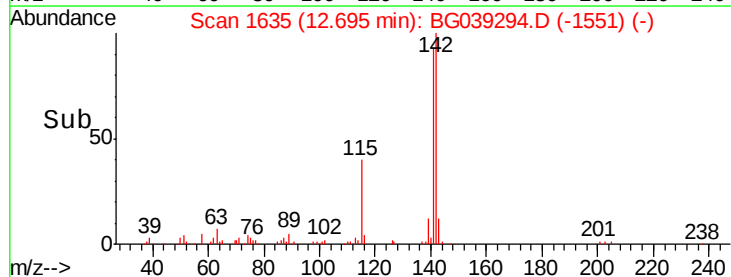
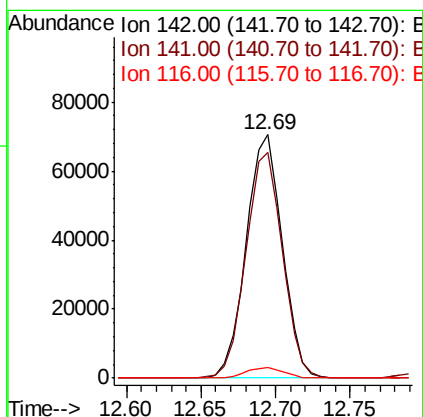
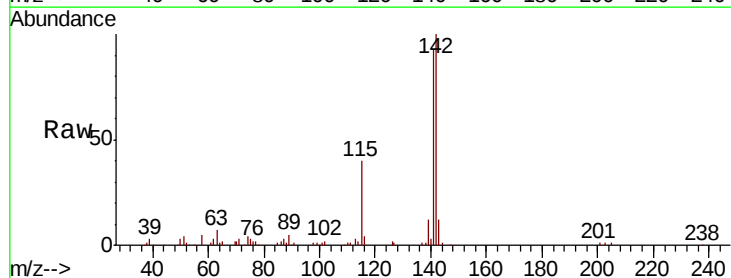
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

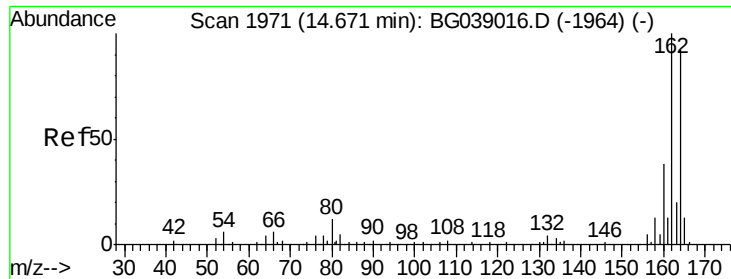
Tgt Ion:142 Resp: 119228  
 Ion Ratio Lower Upper  
 142 100  
 141 88.1 72.6 109.0  
 115 38.3 31.1 46.7



#38  
 1-Methylnaphthalene  
 Concen: 43.219 ng  
 RT: 12.69 min Scan# 1635  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Tgt Ion:142 Resp: 117538  
 Ion Ratio Lower Upper  
 142 100  
 141 92.6 73.3 109.9  
 116 4.4 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

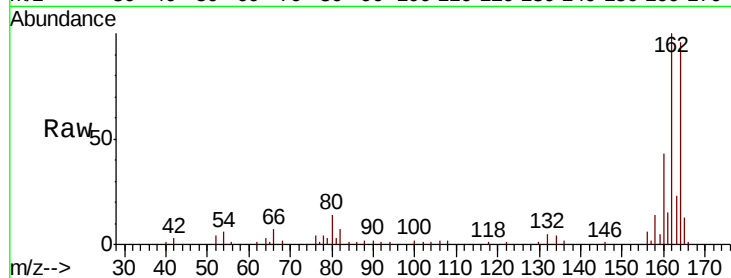
Tgt Ion:164 Resp: 50066

Ion Ratio Lower Upper

164 100

162 104.6 87.2 130.8

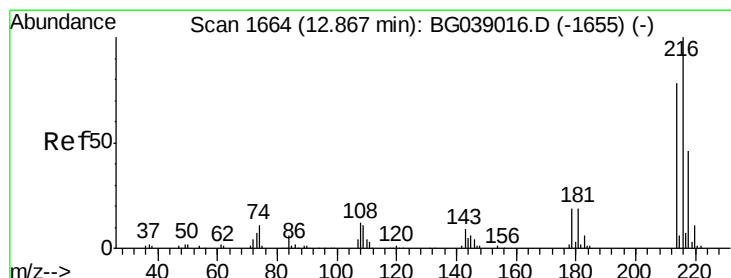
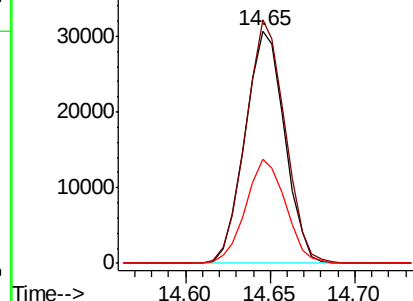
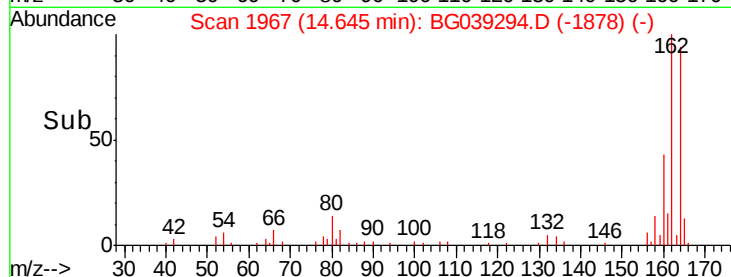
160 44.6 33.3 49.9



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: 43.153 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Tgt Ion:216 Resp: 81139

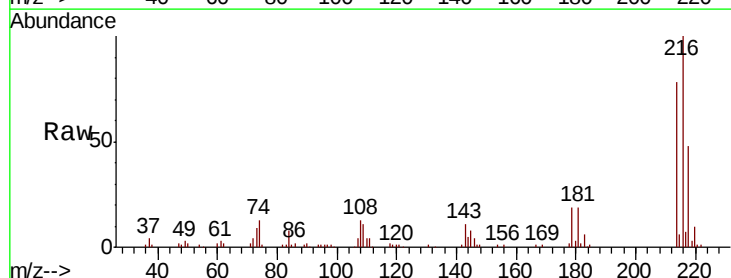
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 19.7 15.5 23.3

108 14.1 11.4 17.2

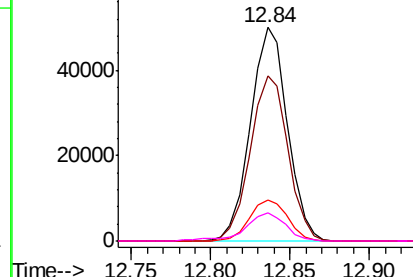
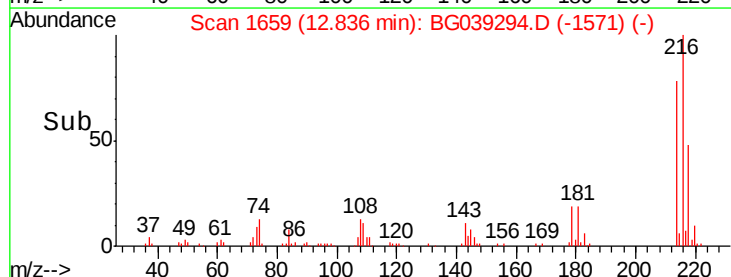


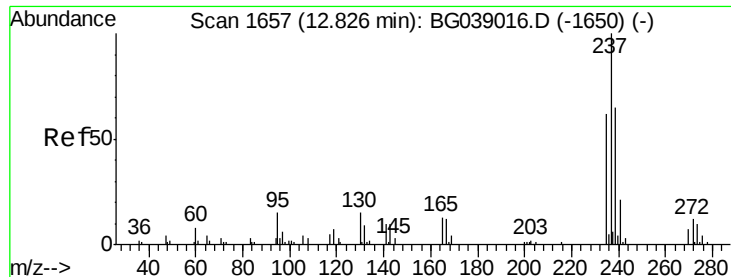
Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.753 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

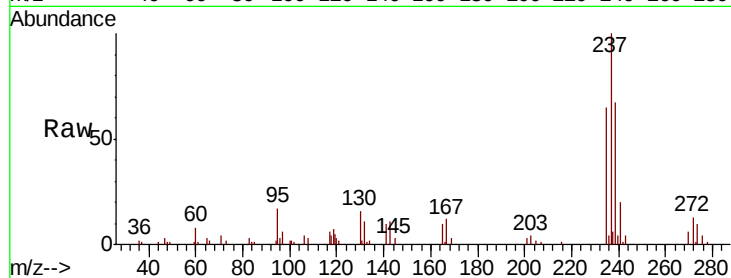
Tgt Ion: 237 Resp: 35384

Ion Ratio Lower Upper

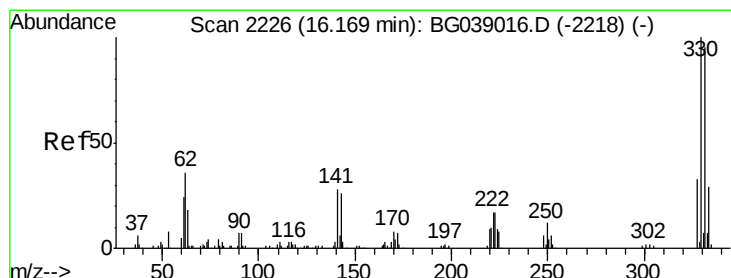
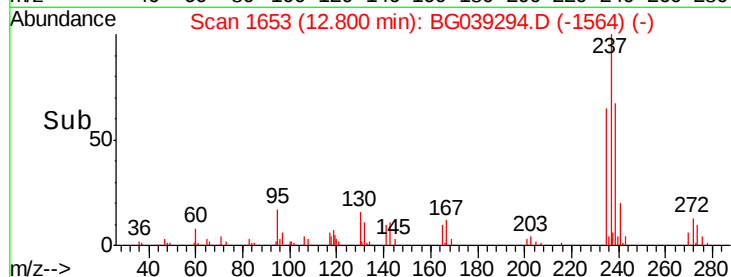
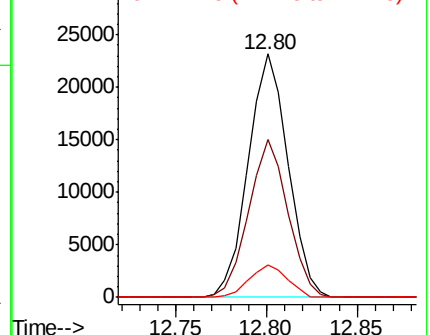
237 100

235 64.7 41.7 81.7

272 13.4 0.0 32.1



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: 78.102 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

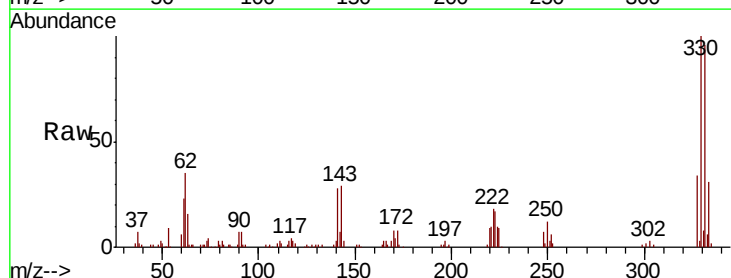
Tgt Ion: 330 Resp: 65547

Ion Ratio Lower Upper

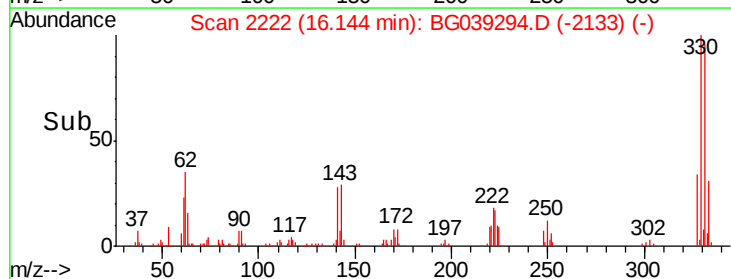
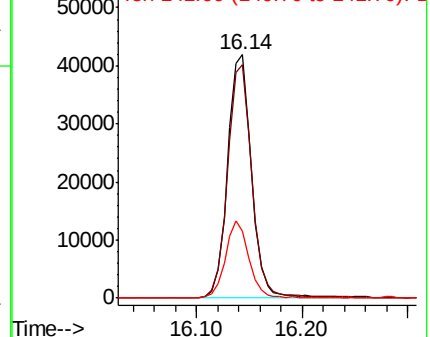
330 100

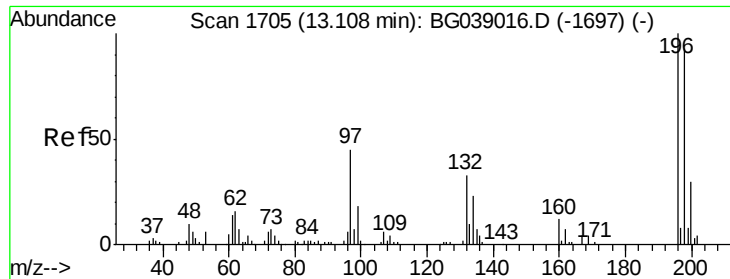
332 97.3 75.7 113.5

141 30.8 24.9 37.3



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

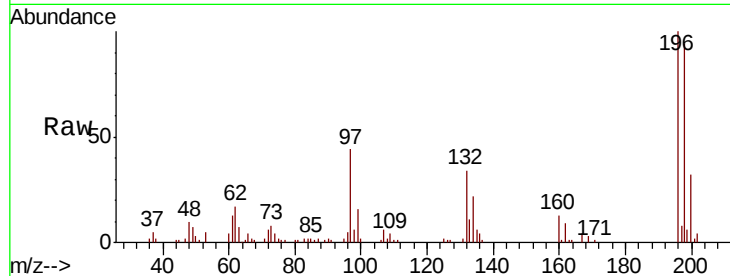




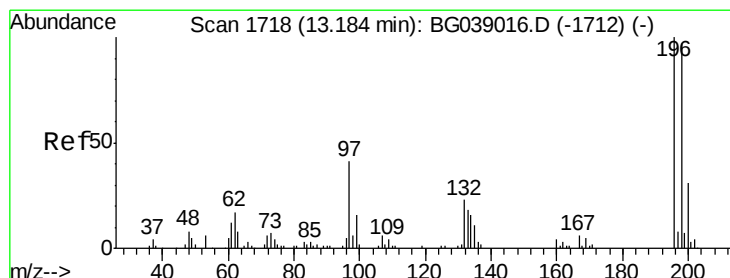
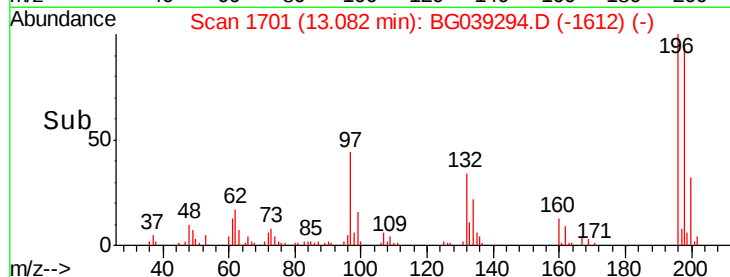
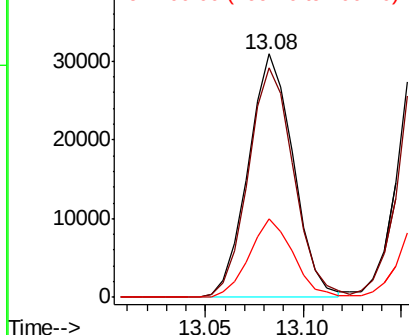
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.666 ng  
 RT: 13.08 min Scan# 1701  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:196 Resp: 49307  
 Ion Ratio Lower Upper  
 196 100  
 198 94.4 74.5 111.7  
 200 32.1 23.8 35.6



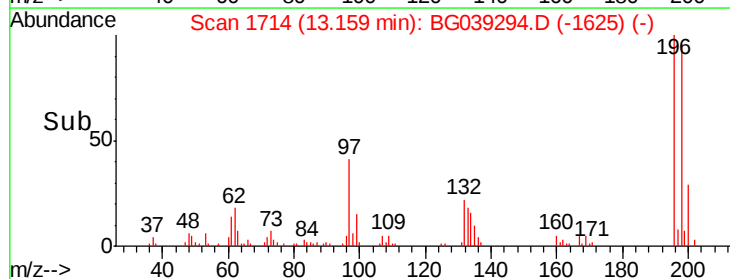
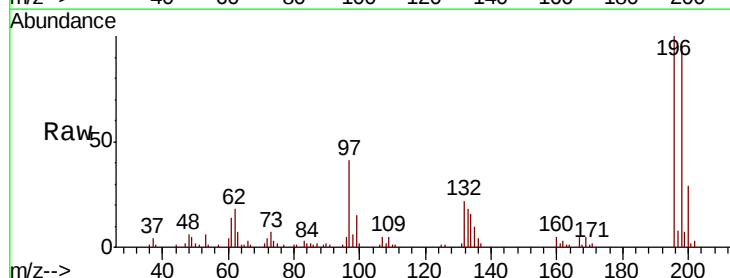
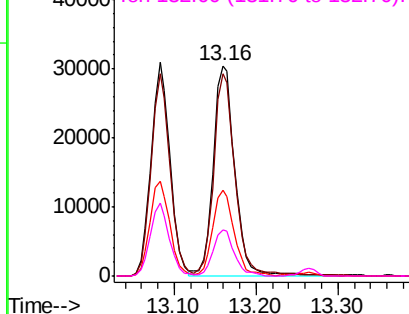
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

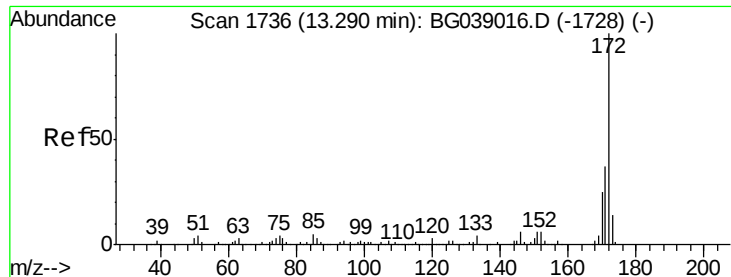


#44  
 2,4,5-Trichlorophenol  
 Concen: 45.010 ng  
 RT: 13.16 min Scan# 1714  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Tgt Ion:196 Resp: 56296  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 78.1 117.1  
 97 41.0 33.2 49.8  
 132 22.1 18.2 27.4

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

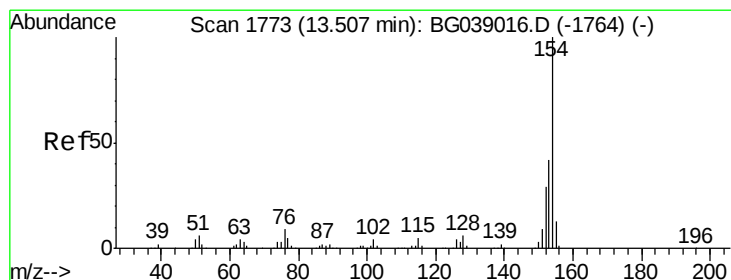
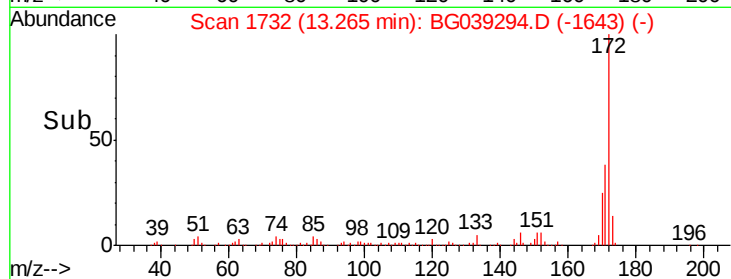
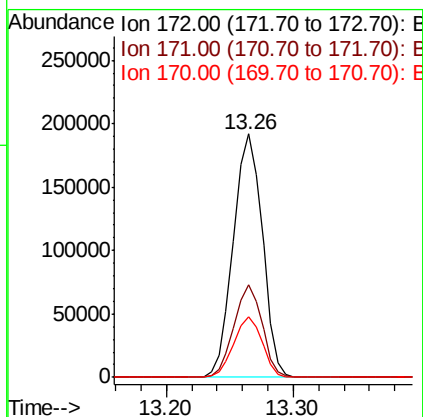
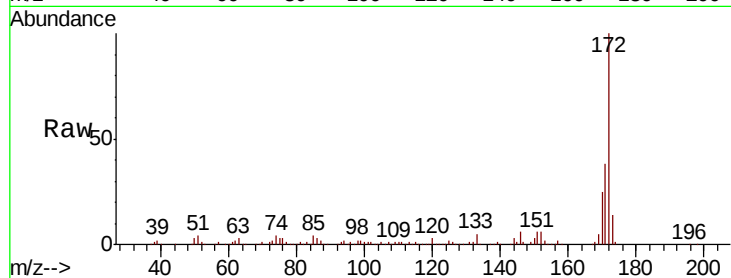




#45  
 2-Fluorobiphenyl  
 Concen: 83.206 ng  
 RT: 13.26 min Scan# 1732  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

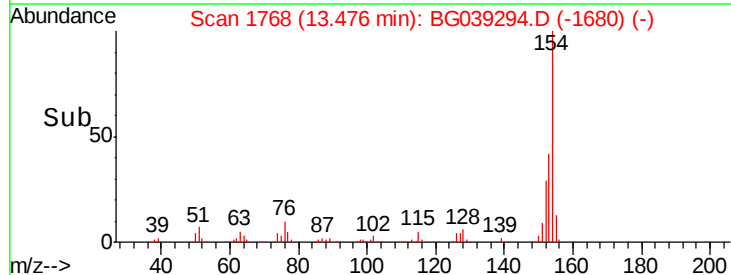
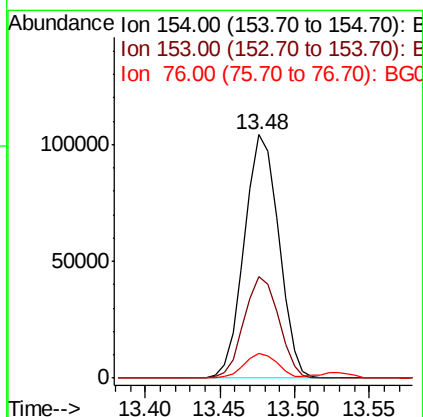
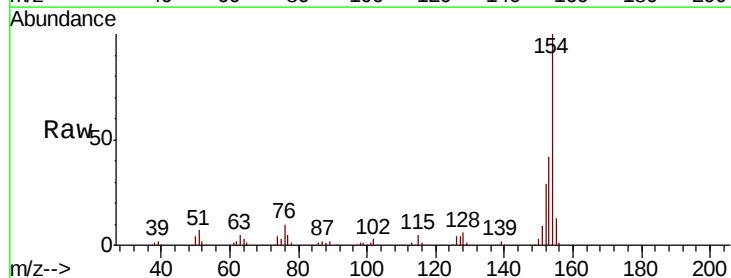
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

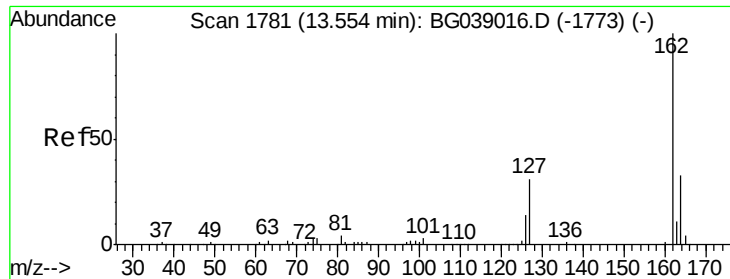
Tgt Ion:172 Resp: 304391  
 Ion Ratio Lower Upper  
 172 100  
 171 37.8 29.4 44.0  
 170 24.7 20.1 30.1



#46  
 1,1'-Biphenyl  
 Concen: 42.057 ng  
 RT: 13.48 min Scan# 1768  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Tgt Ion:154 Resp: 166845  
 Ion Ratio Lower Upper  
 154 100  
 153 41.9 22.4 62.4  
 76 10.3 0.0 29.4

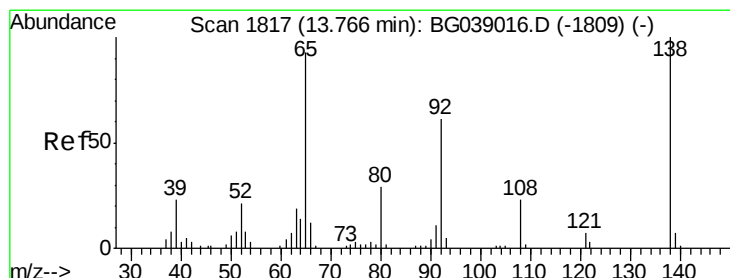
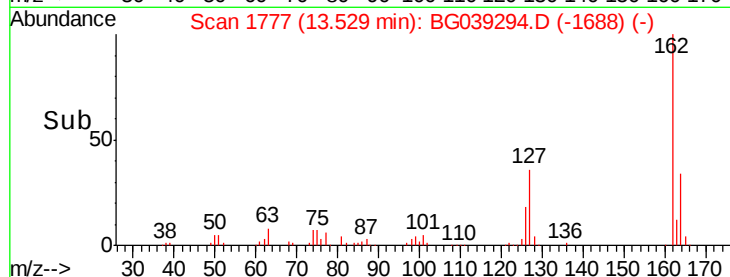
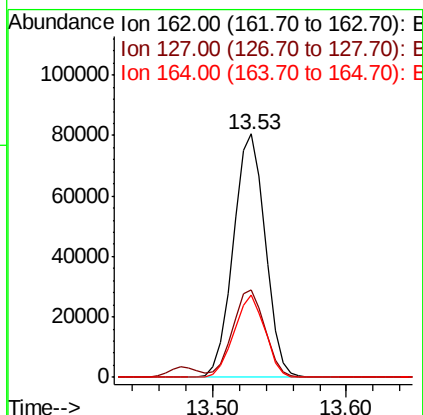
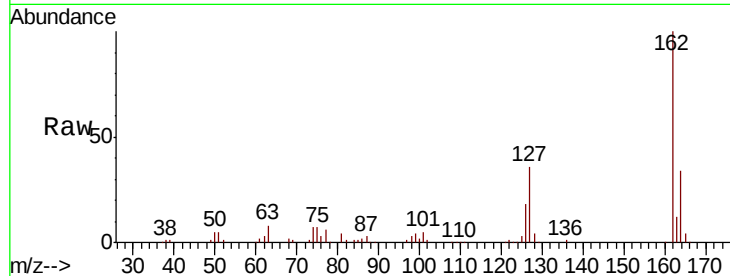




#47  
 2-Chloronaphthalene  
 Concen: 41.535 ng  
 RT: 13.53 min Scan# 1777  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

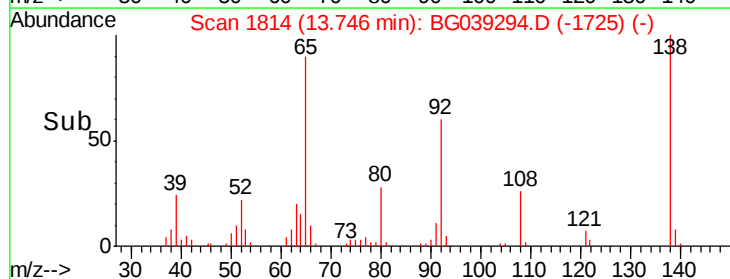
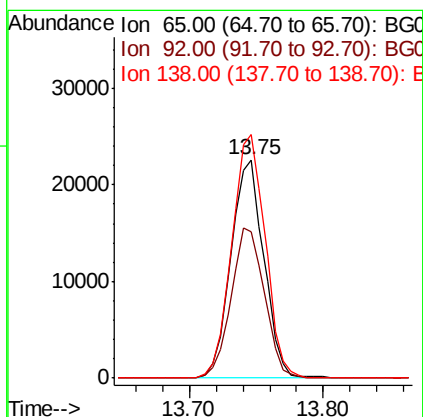
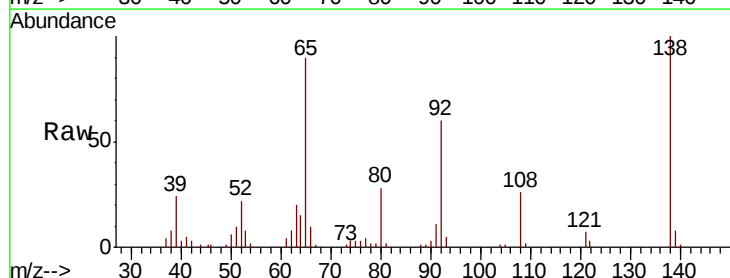
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

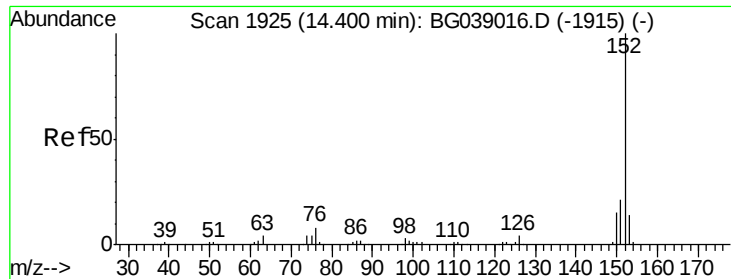
Tgt Ion: 162 Resp: 133339  
 Ion Ratio Lower Upper  
 162 100  
 127 36.1 28.4 42.6  
 164 33.8 26.3 39.5



#48  
 2-Nitroaniline  
 Concen: 43.051 ng  
 RT: 13.75 min Scan# 1814  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Tgt Ion: 65 Resp: 38719  
 Ion Ratio Lower Upper  
 65 100  
 92 67.1 52.2 78.4  
 138 111.5 86.0 129.0





#49

Acenaphthylene

Concen: 40.409 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

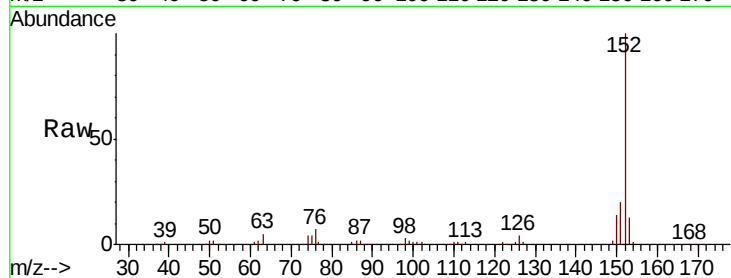
Tgt Ion:152 Resp: 194986

Ion Ratio Lower Upper

152 100

151 20.4 17.0 25.4

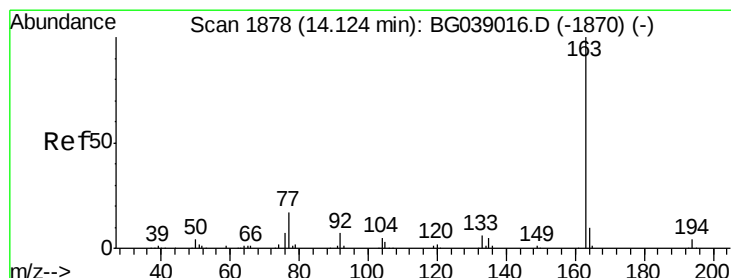
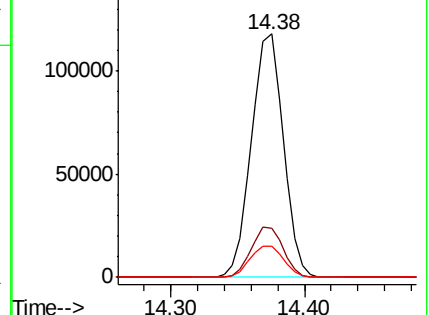
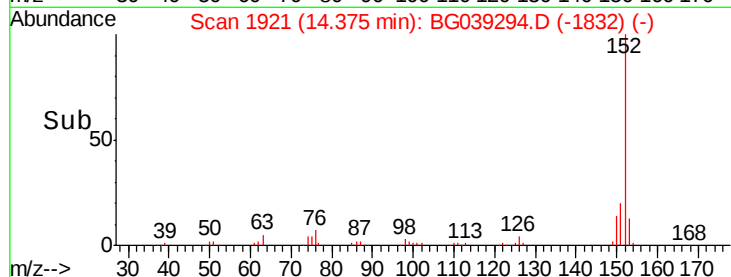
153 13.0 11.2 16.8



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: 40.230 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

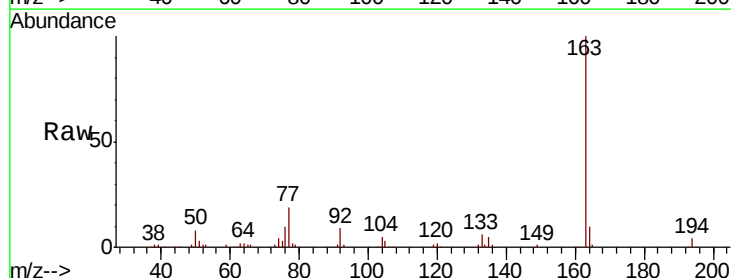
Tgt Ion:163 Resp: 170204

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

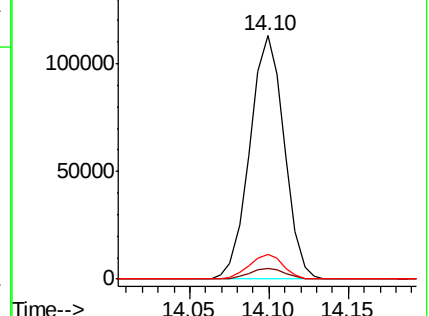
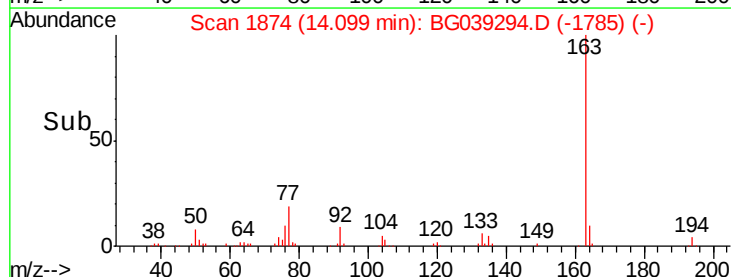
164 10.0 8.2 12.2

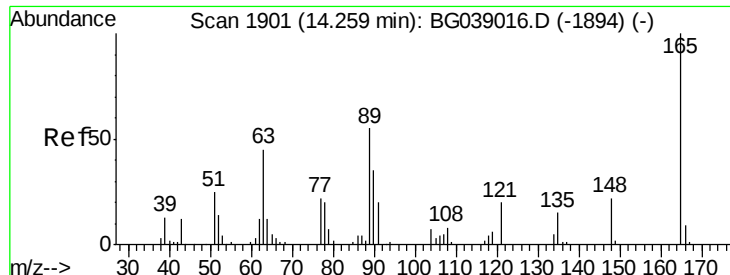


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

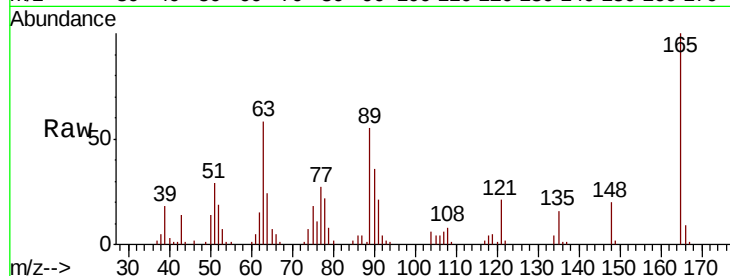




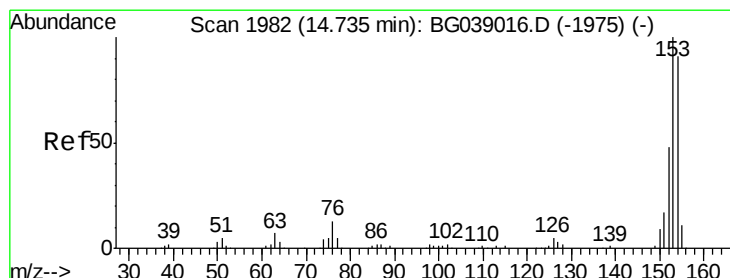
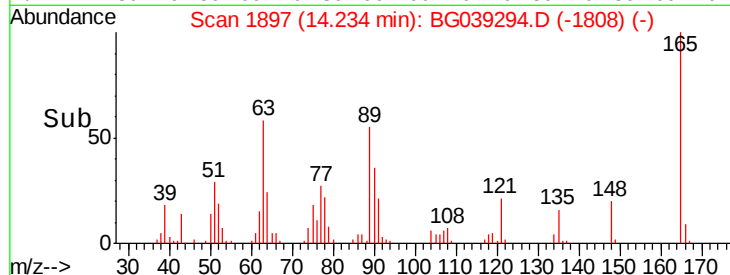
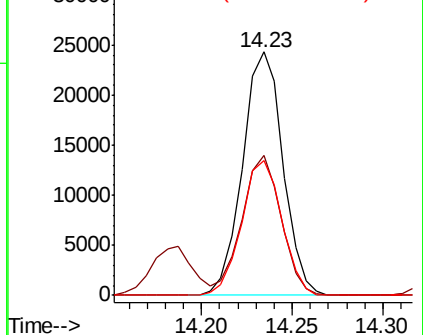
#51  
 2,6-Dinitrotoluene  
 Concen: 39.712 ng  
 RT: 14.23 min Scan# 1897  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:165 Resp: 37563  
 Ion Ratio Lower Upper  
 165 100  
 63 57.6 43.6 65.4  
 89 55.2 43.7 65.5

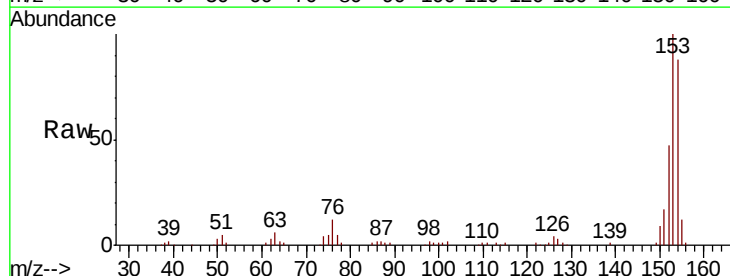


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

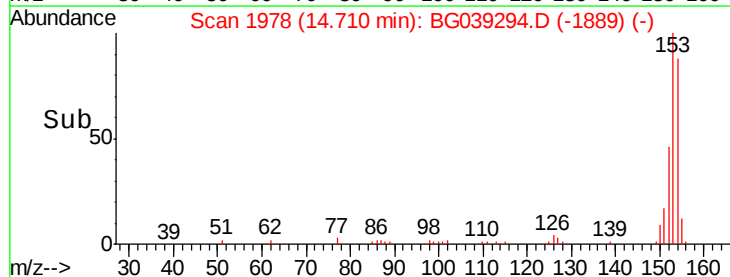
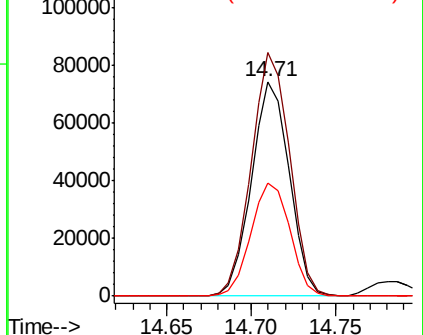


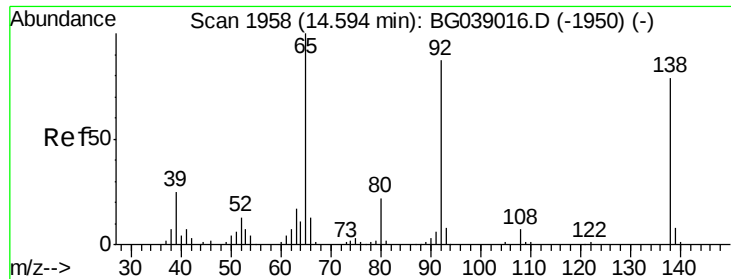
#52  
 Acenaphthene  
 Concen: 40.034 ng  
 RT: 14.71 min Scan# 1978  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Tgt Ion:154 Resp: 116063  
 Ion Ratio Lower Upper  
 154 100  
 153 113.6 87.9 131.9  
 152 52.9 42.2 63.2



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: 40.205 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

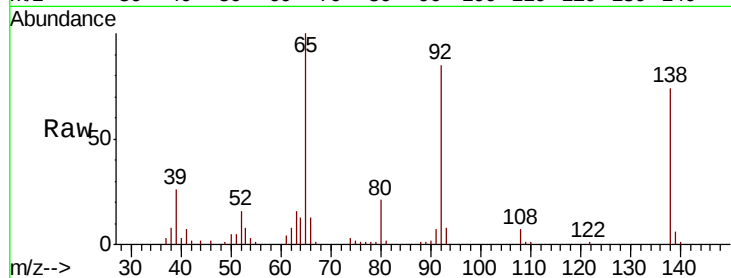
Tgt Ion:138 Resp: 38579

Ion Ratio Lower Upper

138 100

108 9.5 7.4 11.0

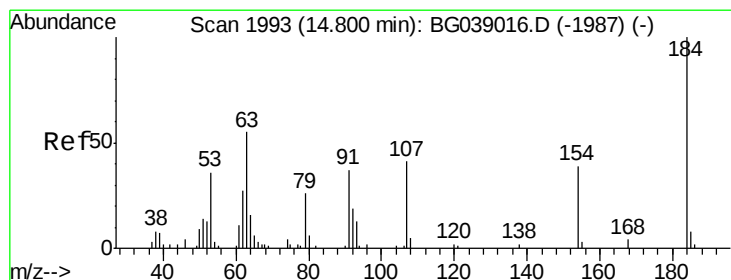
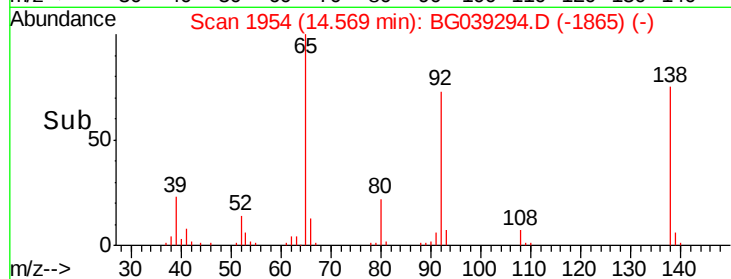
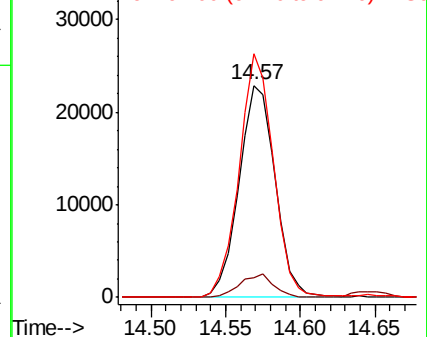
92 114.8 88.2 132.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 33.149 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

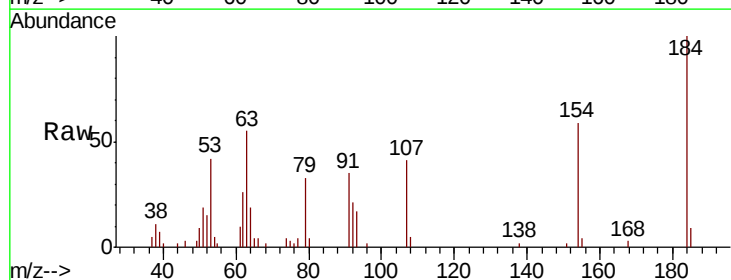
Tgt Ion:184 Resp: 16834

Ion Ratio Lower Upper

184 100

63 54.7 44.0 66.0

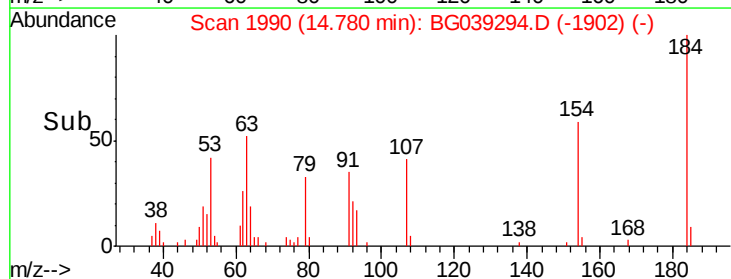
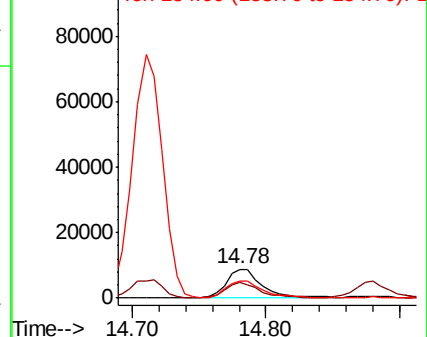
154 58.7 46.1 69.1

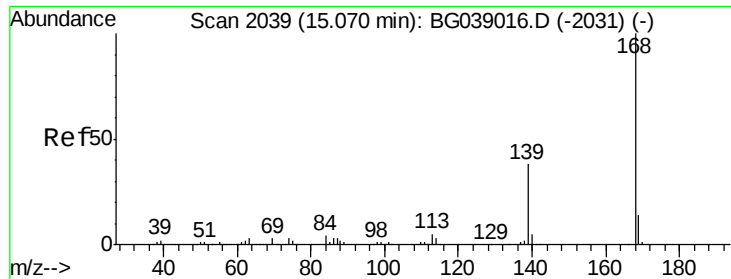


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

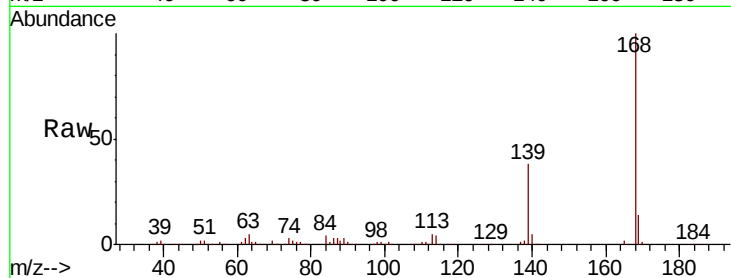




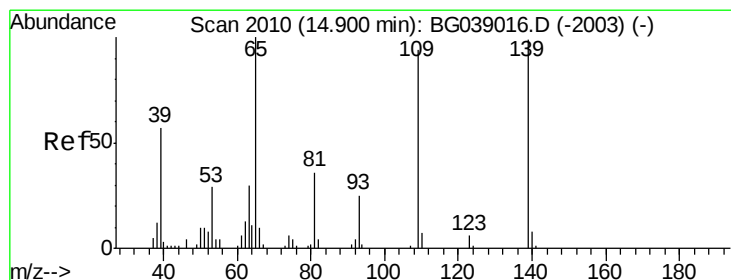
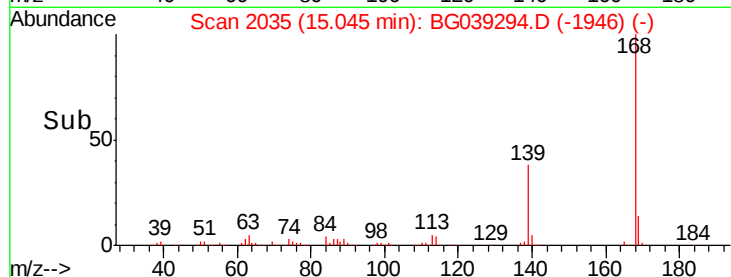
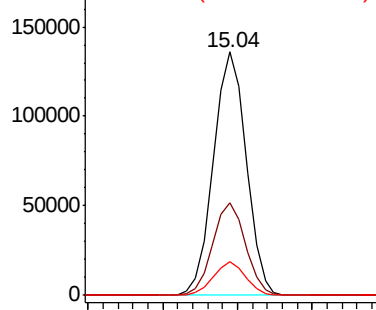
#55  
Dibenzenofuran  
Concen: 40.352 ng  
RT: 15.04 min Scan# 2035  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:168 Resp: 206611  
Ion Ratio Lower Upper  
168 100  
139 37.8 30.1 45.1  
169 13.9 10.9 16.3

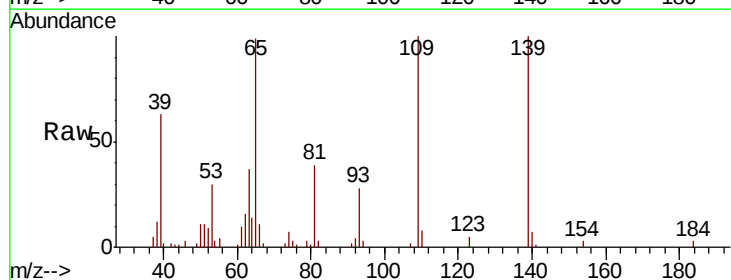


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

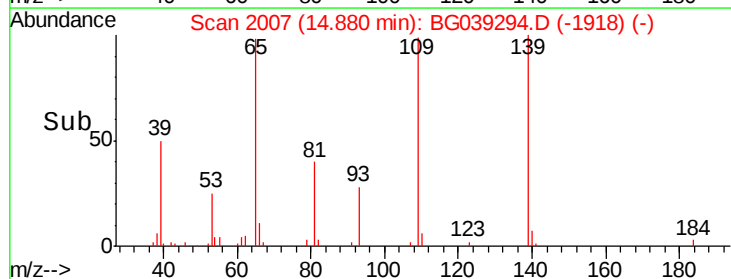
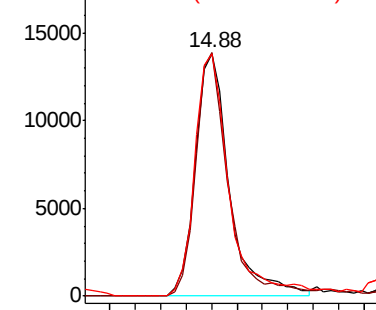


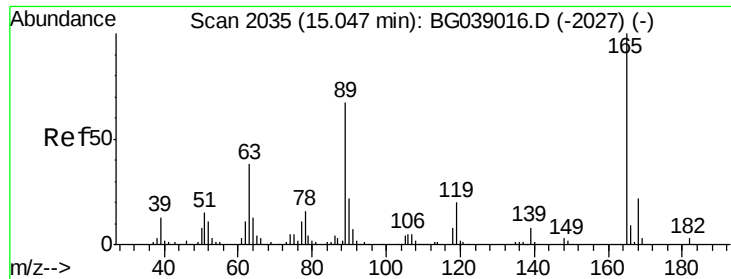
#56  
4-Nitrophenol  
Concen: 37.239 ng  
RT: 14.88 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Tgt Ion:139 Resp: 25711  
Ion Ratio Lower Upper  
139 100  
109 100.3 75.6 115.6  
65 99.7 81.2 121.2



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

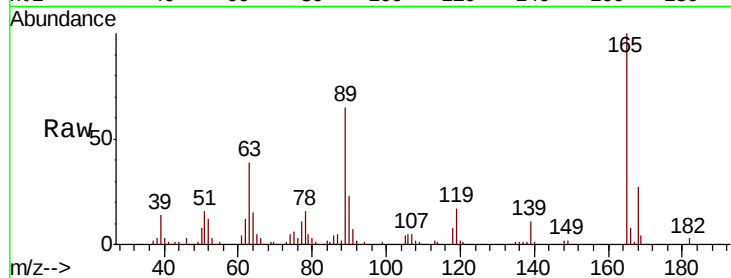




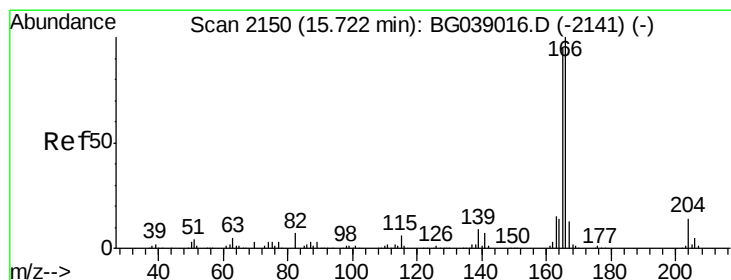
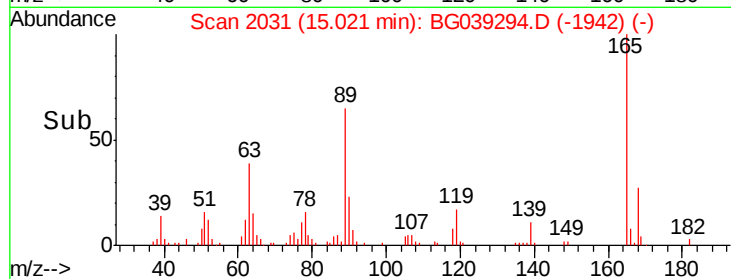
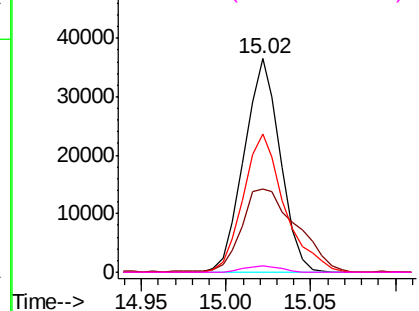
#57  
2,4-Dinitrotoluene  
Concen: 39.981 ng  
RT: 15.02 min Scan# 2031  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 38.8  | 30.2  | 45.4  |
| 89      | 64.9  | 53.2  | 79.8  |
| 182     | 2.9   | 2.7   | 4.1   |

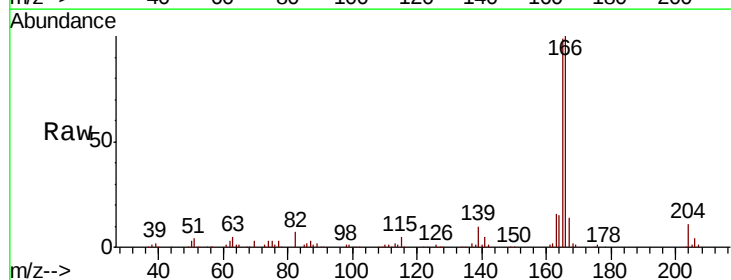


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

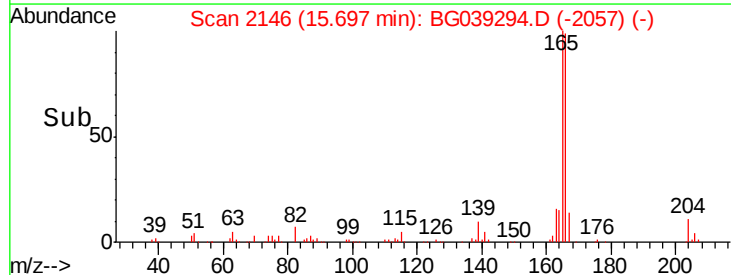
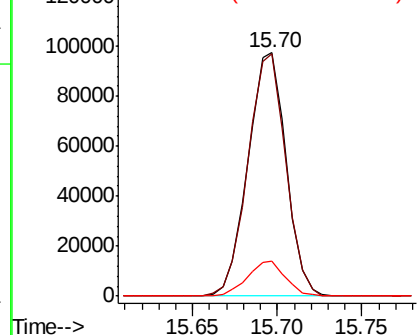


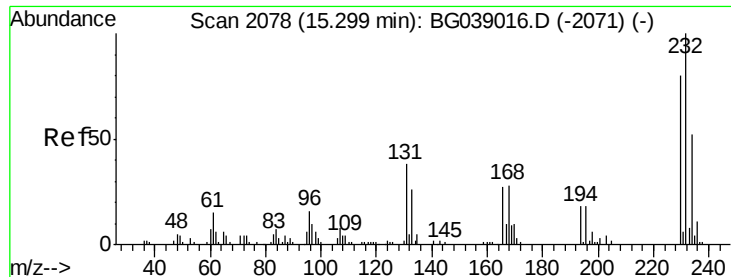
#58  
Fluorene  
Concen: 39.599 ng  
RT: 15.70 min Scan# 2146  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.3  | 76.2  | 114.2 |
| 167     | 14.2  | 10.6  | 16.0  |



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

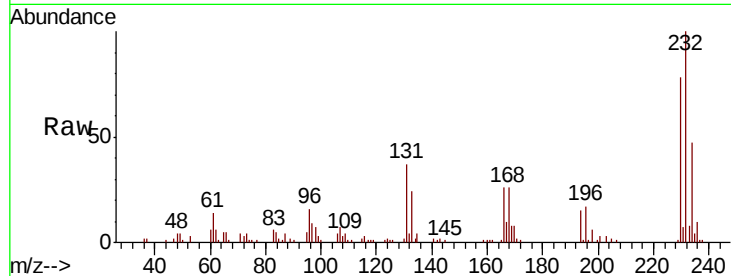




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.950 ng  
RT: 15.27 min Scan# 2074  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 39.9  | 30.9  | 46.3  |
| 130     | 2.2   | 1.9   | 2.9   |
| 166     | 28.9  | 22.1  | 33.1  |



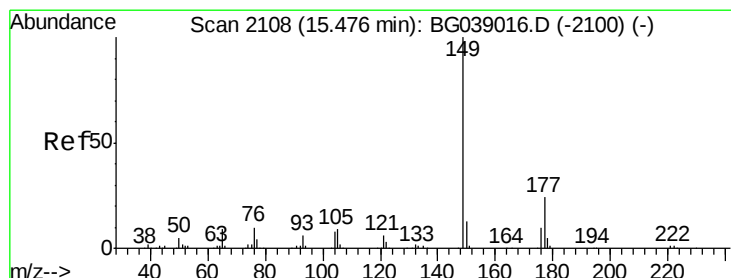
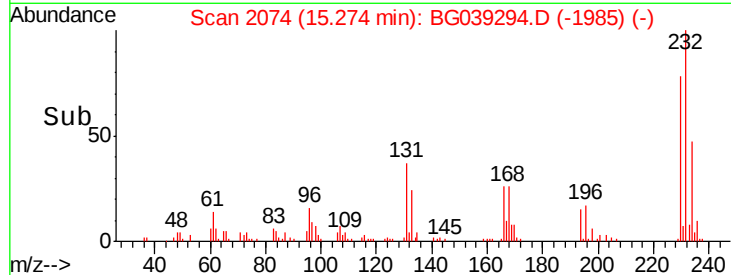
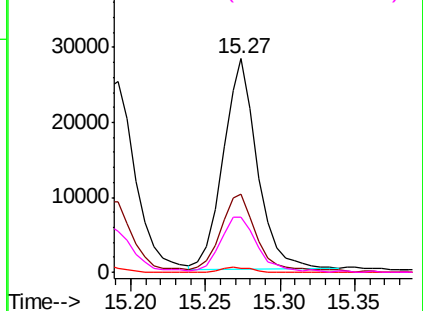
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

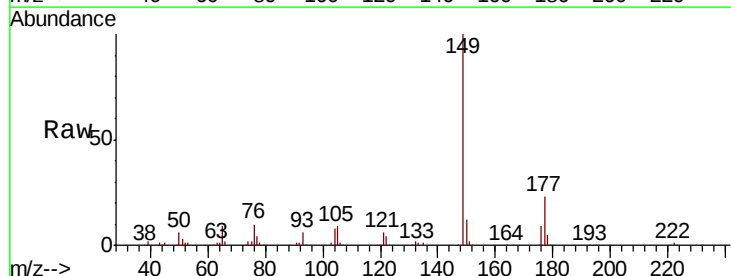
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 40.572 ng  
RT: 15.45 min Scan# 2104  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.1  | 19.0  | 28.6  |
| 150     | 12.5  | 10.2  | 15.4  |

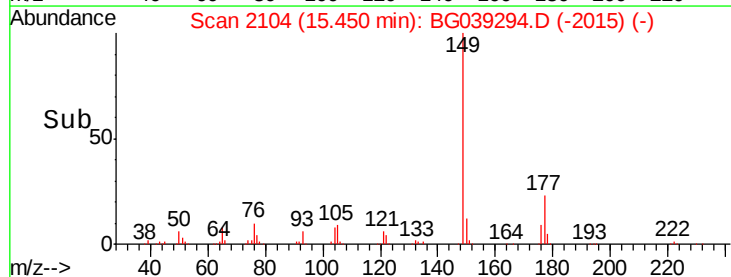
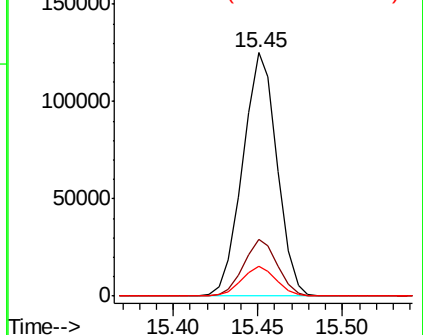


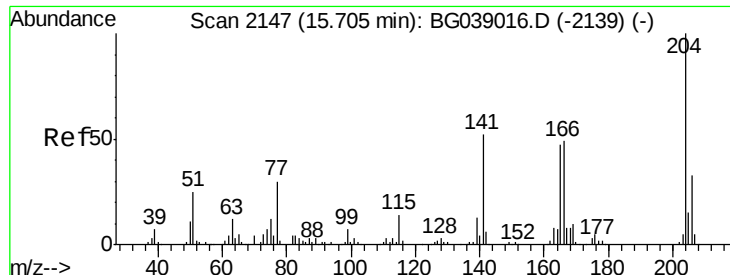
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

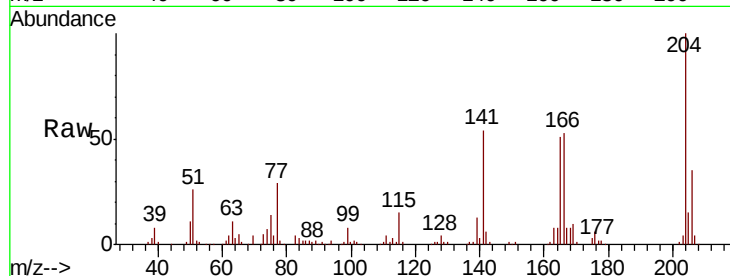




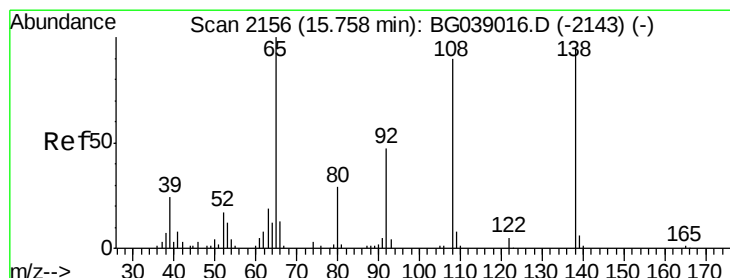
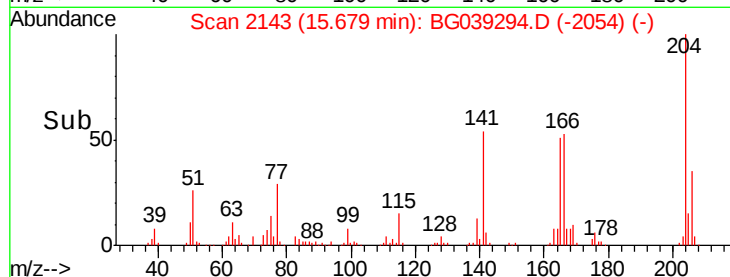
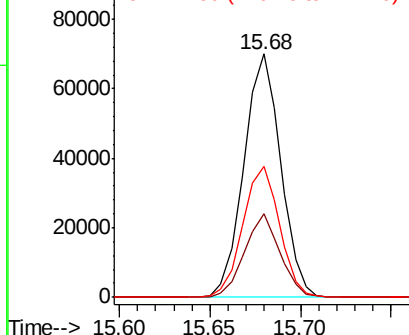
#61  
4-Chlorophenyl-phenylether  
Concen: 40.712 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:204 Resp: 98853  
Ion Ratio Lower Upper  
204 100  
206 34.5 26.6 39.8  
141 54.0 41.4 62.0

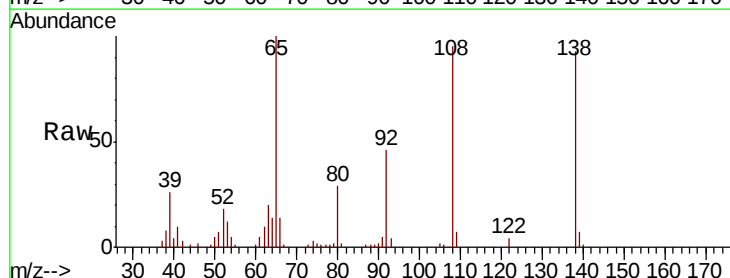


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

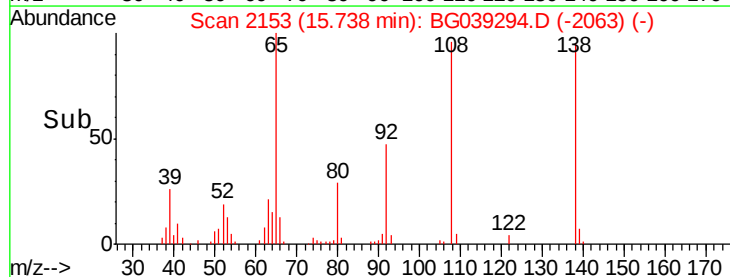
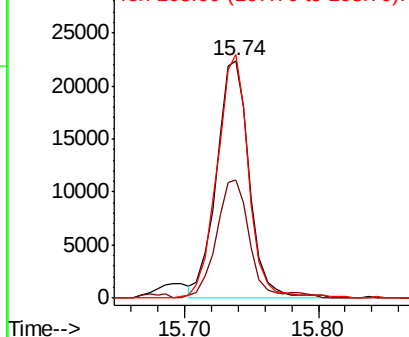


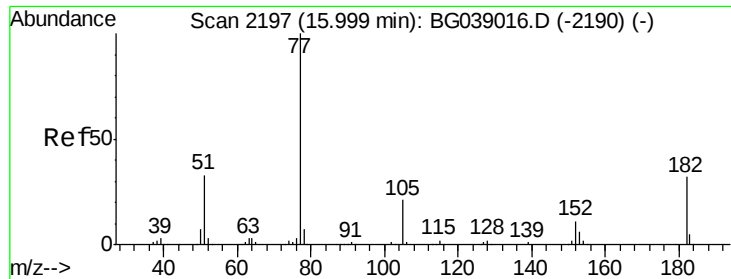
#62  
4-Nitroaniline  
Concen: 38.500 ng  
RT: 15.74 min Scan# 2153  
Delta R.T. -0.00 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Tgt Ion:138 Resp: 38485  
Ion Ratio Lower Upper  
138 100  
92 49.5 29.7 69.7  
108 102.4 75.7 115.7



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.628 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 135085

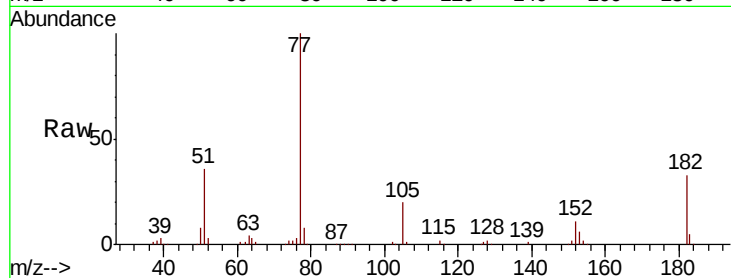
Ion Ratio Lower Upper

77 100

182 33.2 12.2 52.2

105 19.5 1.2 41.2

51 36.2 13.4 53.4

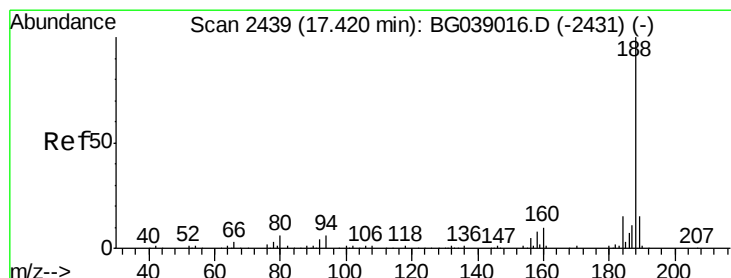
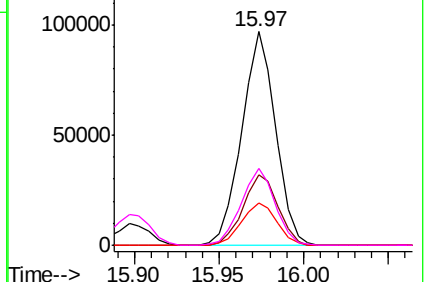
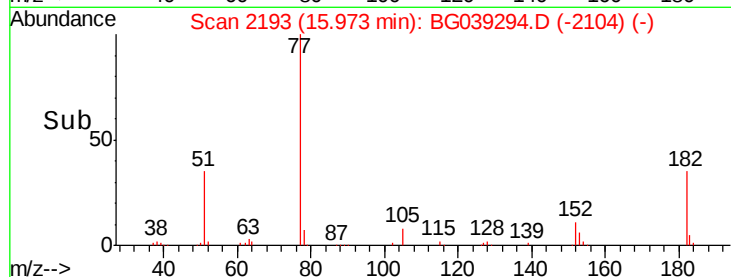


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

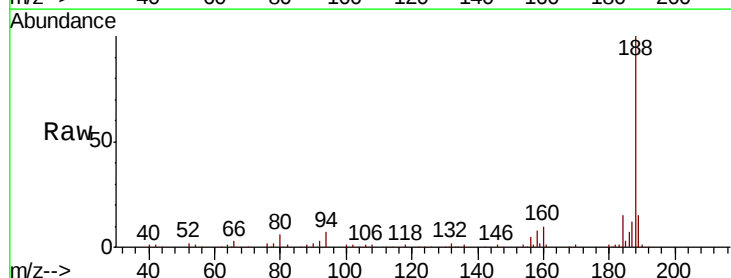
Tgt Ion: 188 Resp: 124031

Ion Ratio Lower Upper

188 100

94 6.9 5.0 7.4

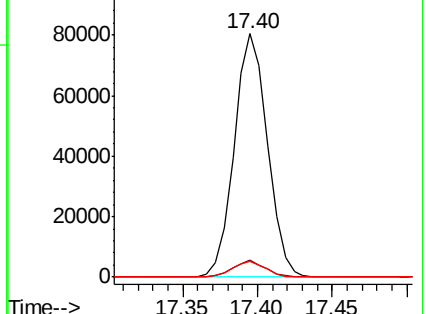
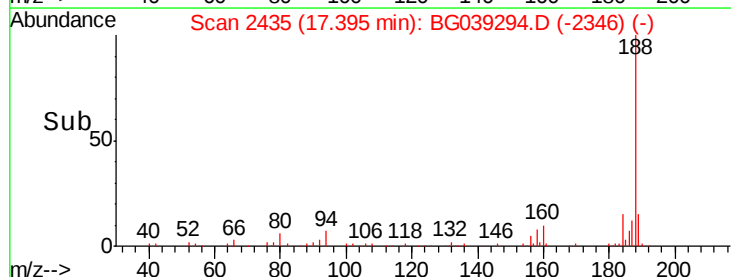
80 6.2 4.7 7.1

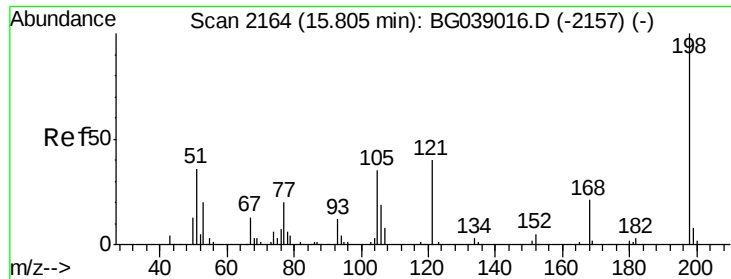


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 38.923 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

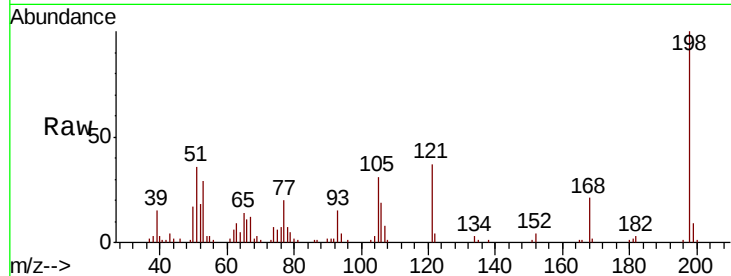
Tgt Ion:198 Resp: 35766

Ion Ratio Lower Upper

198 100

51 36.0 20.8 60.8

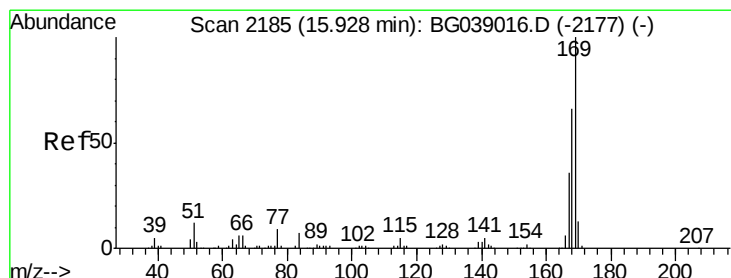
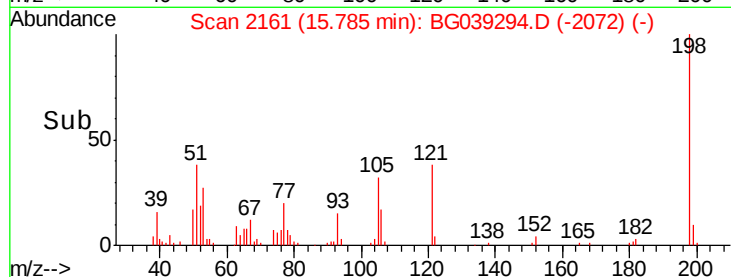
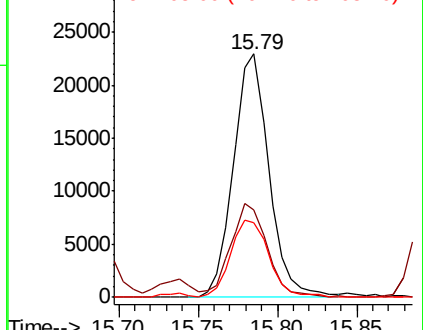
105 30.8 16.1 56.1



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: 40.284 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

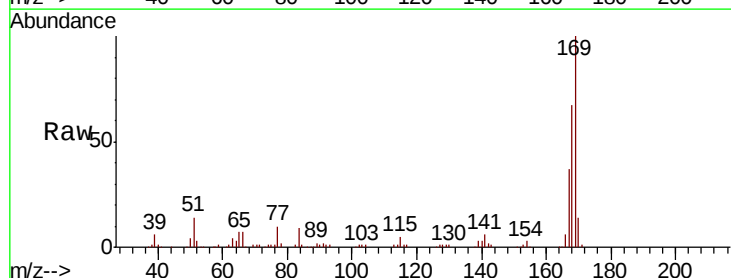
Tgt Ion:169 Resp: 148119

Ion Ratio Lower Upper

169 100

168 67.2 53.2 79.8

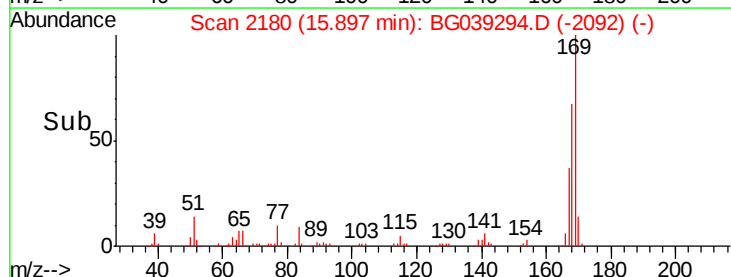
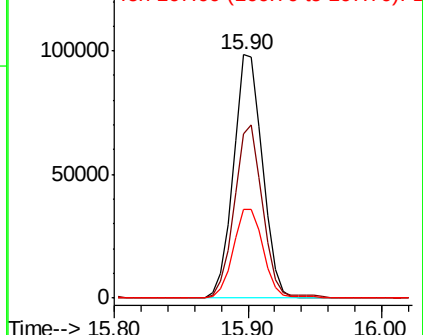
167 36.7 29.1 43.7

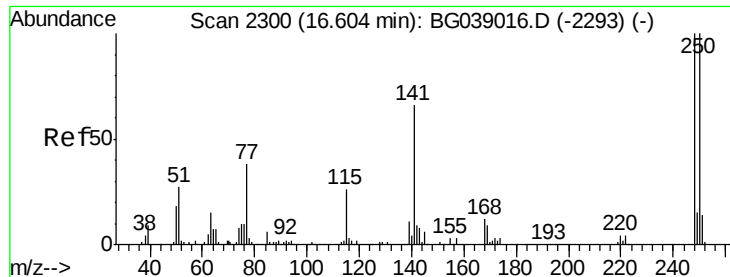


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

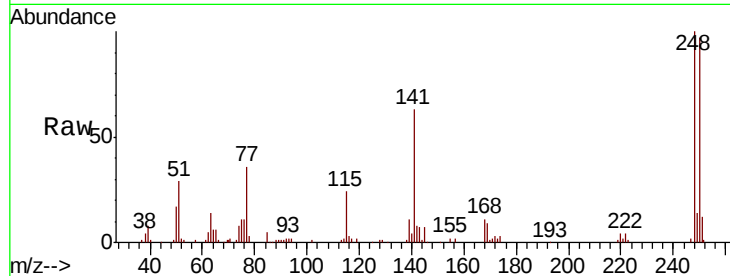




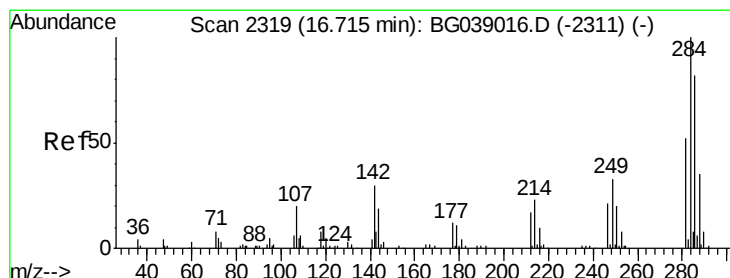
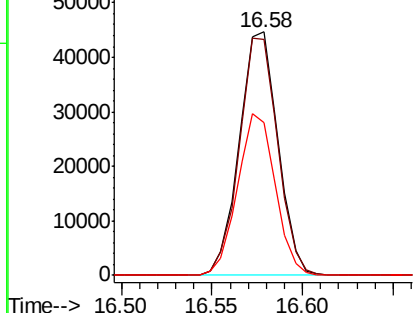
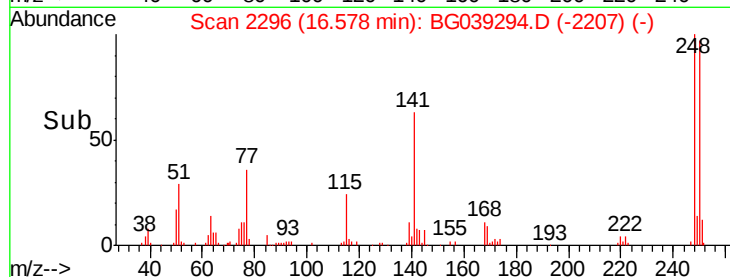
#67  
 4-Bromophenyl-phenylether  
 Concen: 41.455 ng  
 RT: 16.58 min Scan# 2296  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:248 Resp: 66095  
 Ion Ratio Lower Upper  
 248 100  
 250 96.8 79.9 119.9  
 141 62.8 52.7 79.1

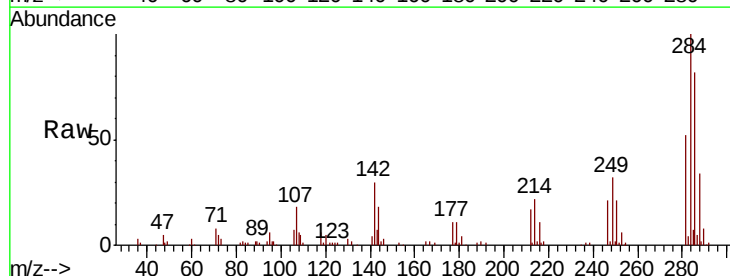


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

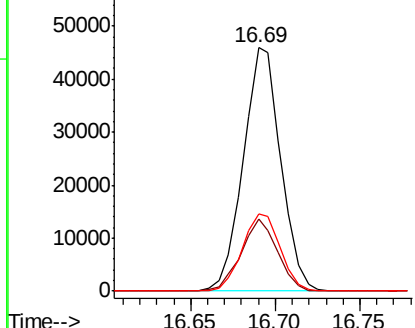
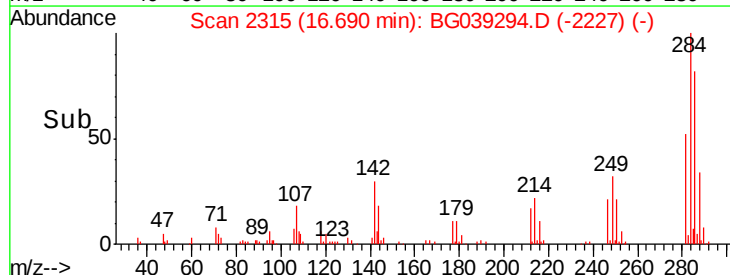


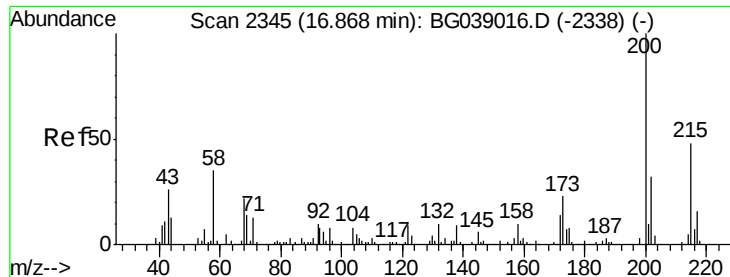
#68  
 Hexachlorobenzene  
 Concen: 40.631 ng  
 RT: 16.69 min Scan# 2315  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Tgt Ion:284 Resp: 70687  
 Ion Ratio Lower Upper  
 284 100  
 142 29.7 24.3 36.5  
 249 34.0 27.8 41.8



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

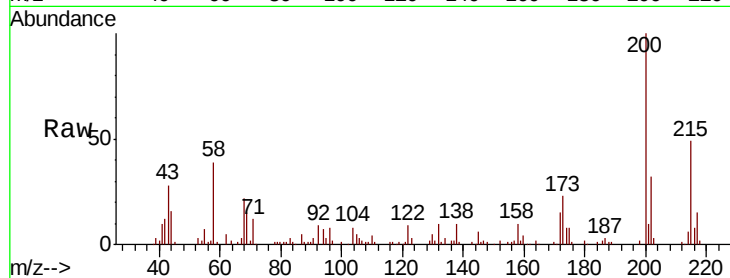




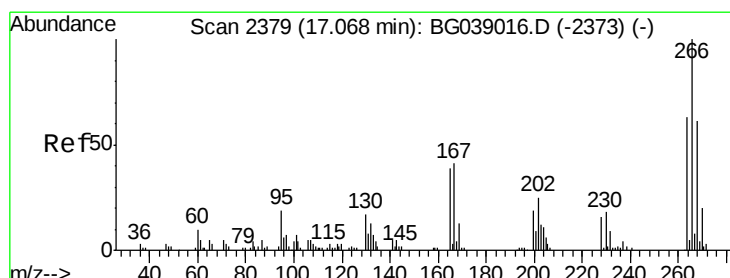
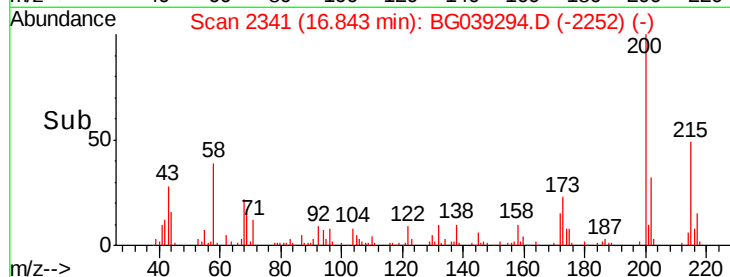
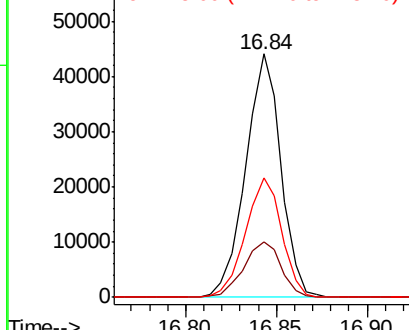
#69  
 Atrazine  
 Concen: 37.916 ng  
 RT: 16.84 min Scan# 2341  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.6  | 2.6   | 42.6  |
| 215     | 49.2  | 28.0  | 68.0  |

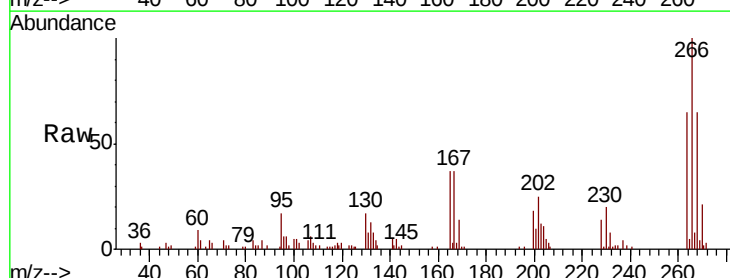


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

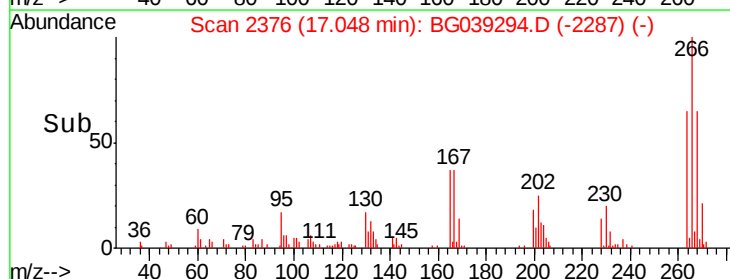
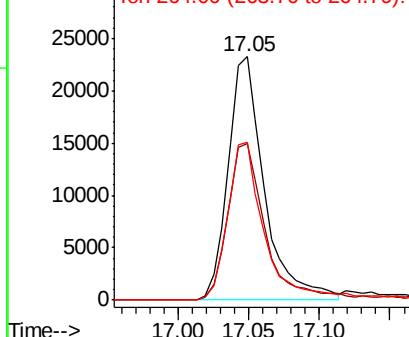


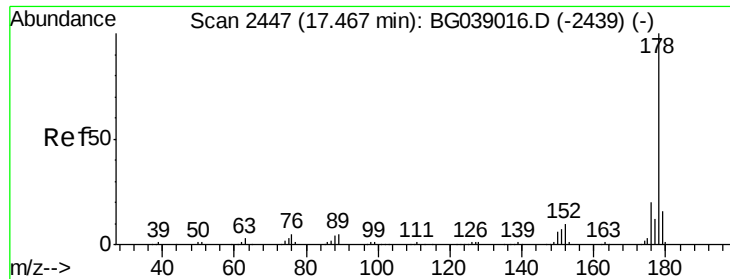
#70  
 Pentachlorophenol  
 Concen: 41.817 ng  
 RT: 17.05 min Scan# 2376  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.6  | 52.0  | 78.0  |
| 264     | 69.7  | 54.6  | 81.8  |



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

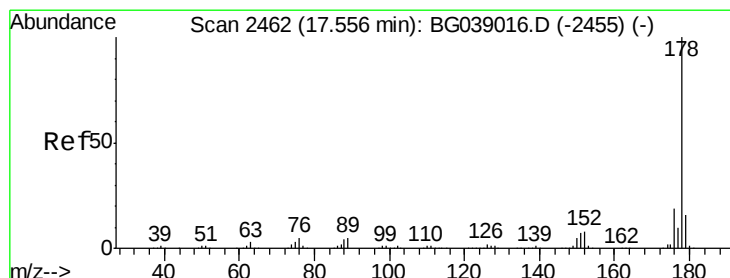
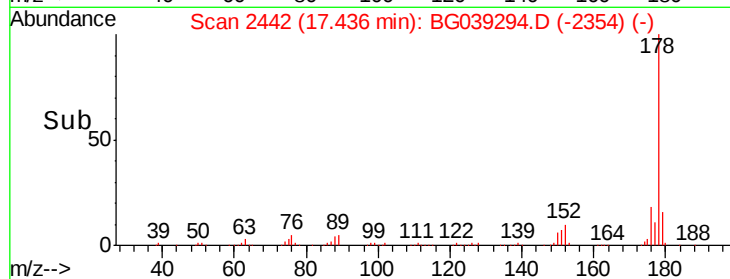
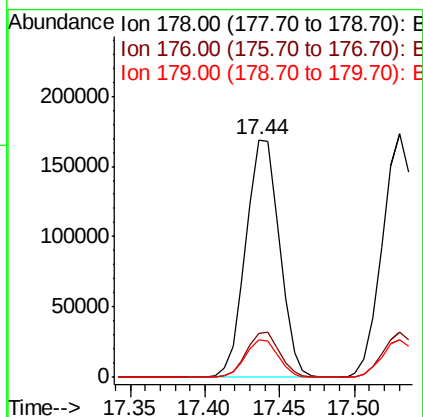
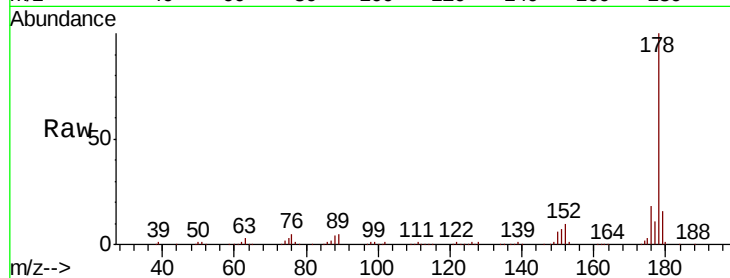




#71  
Phenanthrene  
Concen: 40.240 ng  
RT: 17.44 min Scan# 2442  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

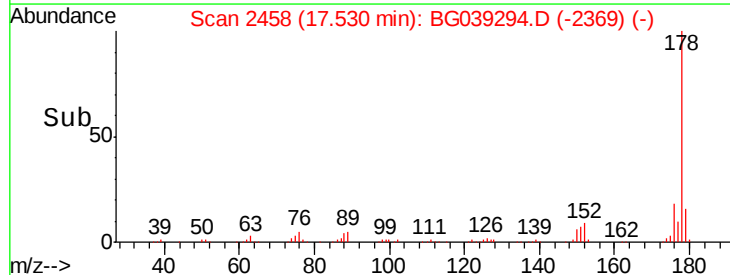
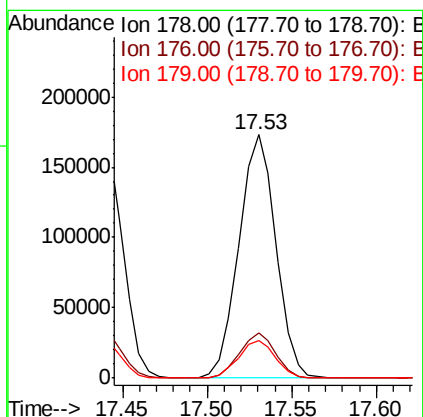
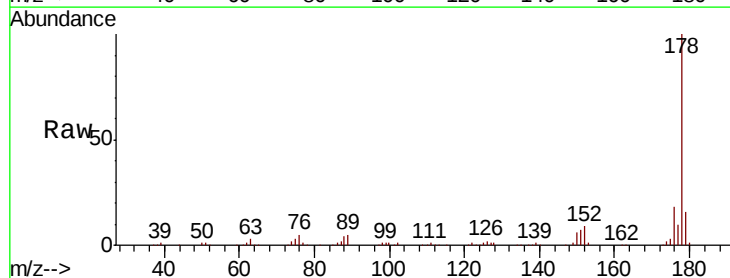
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

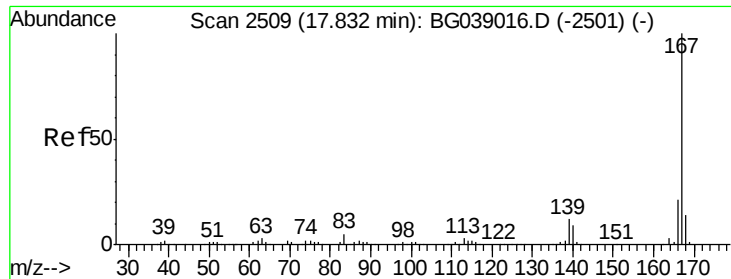
Tgt Ion:178 Resp: 263811  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.7 23.5  
179 15.8 12.9 19.3



#72  
Anthracene  
Concen: 40.493 ng  
RT: 17.53 min Scan# 2458  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Tgt Ion:178 Resp: 262477  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.9 22.3  
179 15.5 13.0 19.4

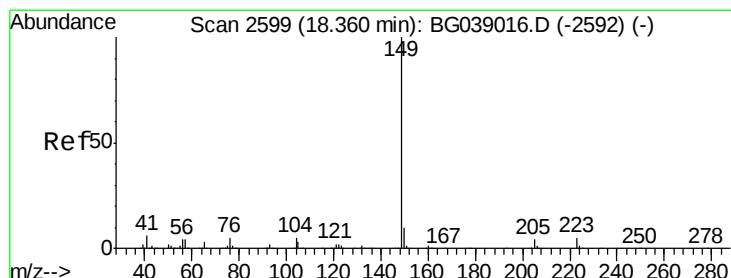
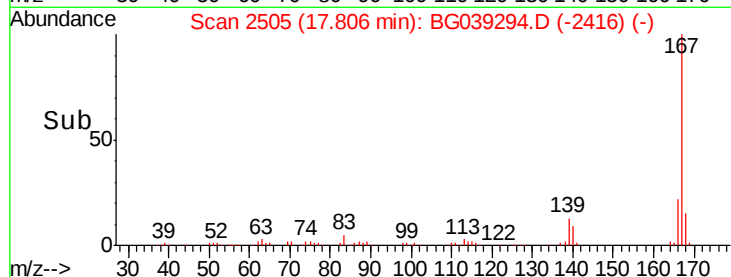
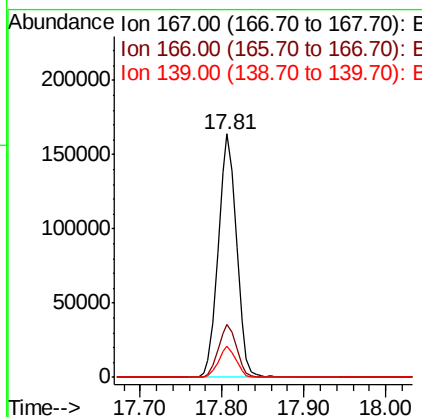
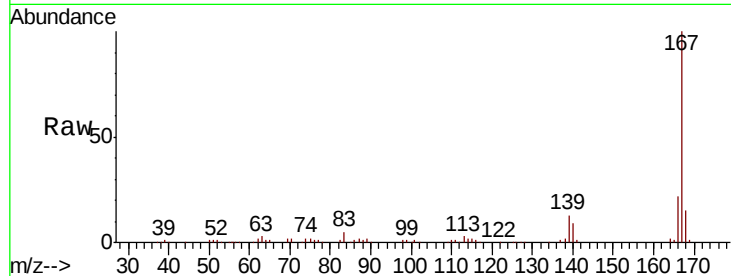




#73  
 Carbazole  
 Concen: 39.993 ng  
 RT: 17.81 min Scan# 2505  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

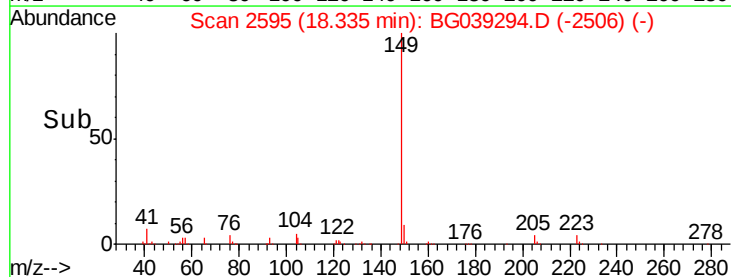
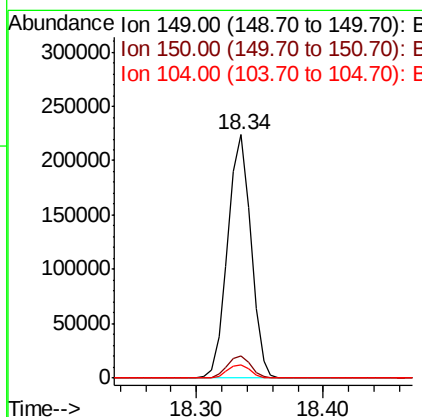
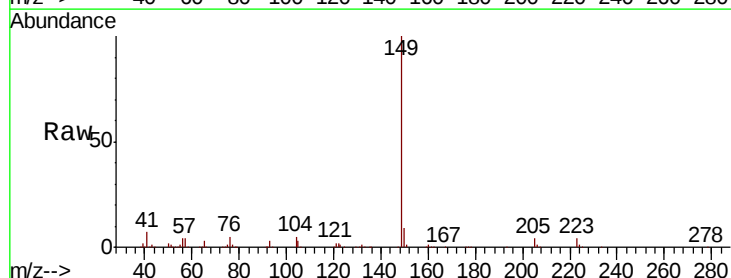
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

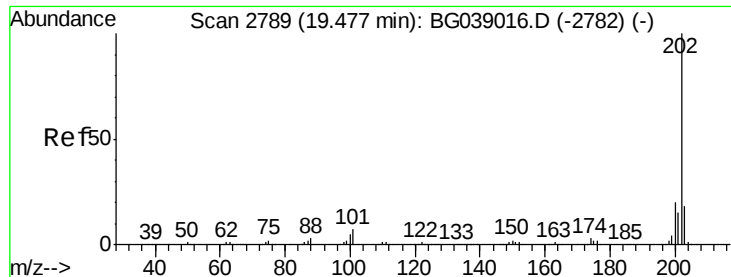
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 16.9  | 25.3  |
| 139     | 12.6  | 10.0  | 15.0  |



#74  
 Di-n-butylphthalate  
 Concen: 39.855 ng  
 RT: 18.34 min Scan# 2595  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.9   | 7.9   | 11.9  |
| 104     | 5.3   | 4.2   | 6.2   |

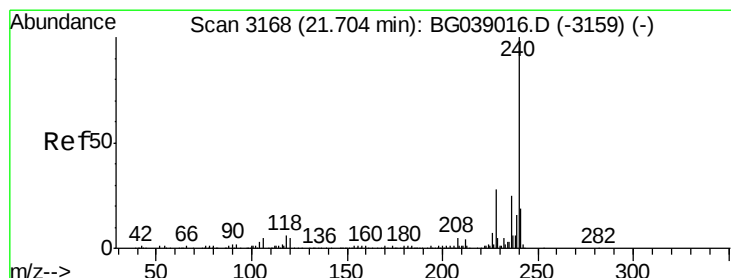
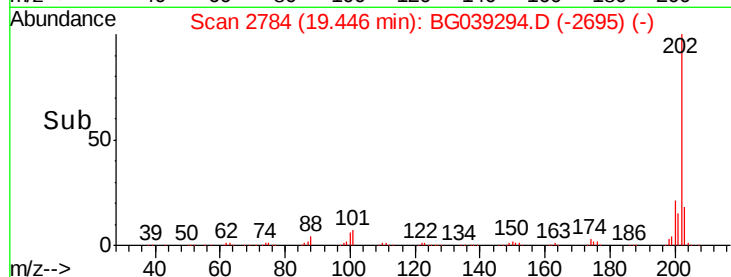
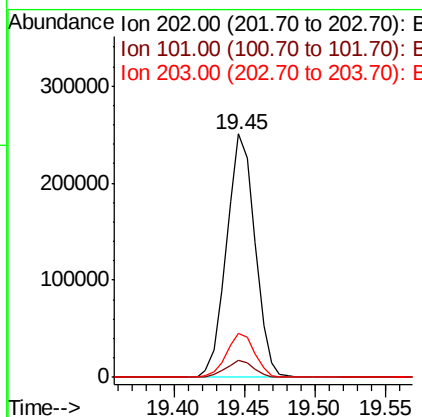
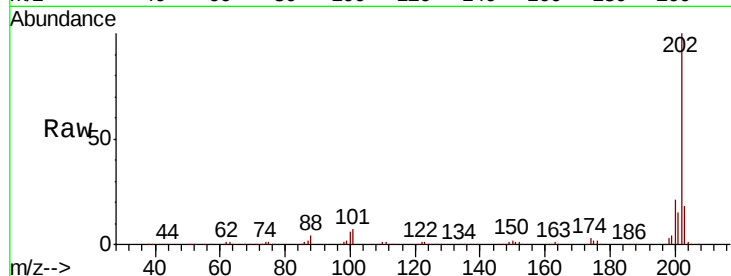




#75  
 Fluoranthene  
 Concen: 43.186 ng  
 RT: 19.45 min Scan# 2784  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

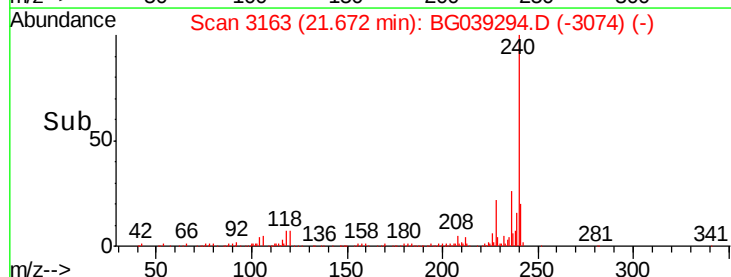
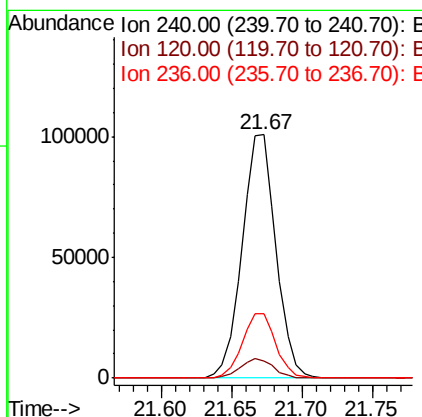
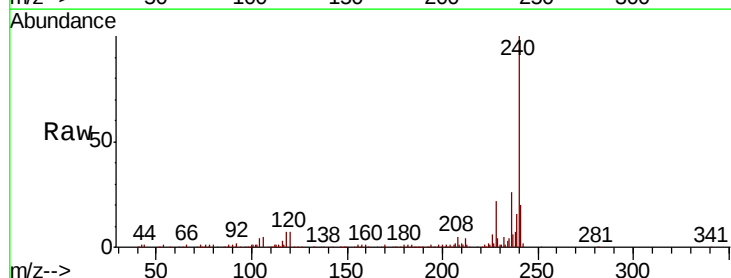
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

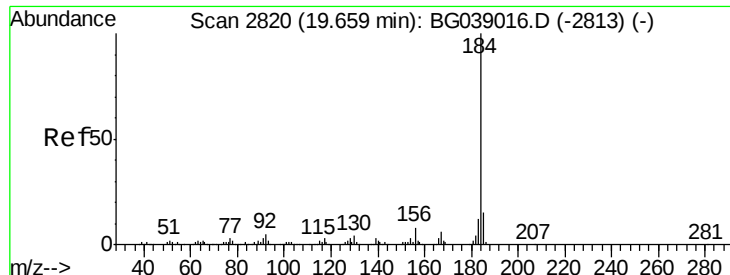
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.1   | 0.0   | 26.9  |
| 203     | 17.8  | 0.0   | 38.1  |



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.67 min Scan# 3163  
 Delta R.T. -0.01 min  
 Lab File: BG039294.D  
 Acq: 26 Jan 2019 3:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.1   | 4.3   | 6.5#  |
| 236     | 26.2  | 20.1  | 30.1  |





#77

Benzidine

Concen: 31.091 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

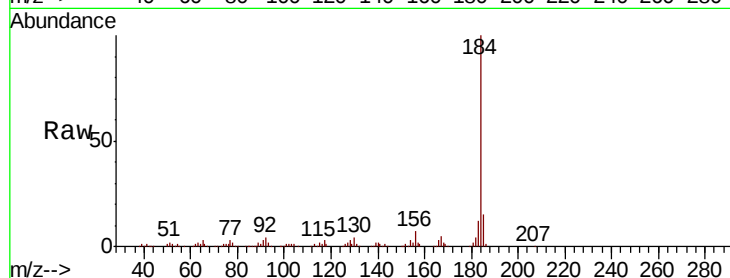
Tgt Ion:184 Resp: 160299

Ion Ratio Lower Upper

184 100

185 15.2 12.1 18.1

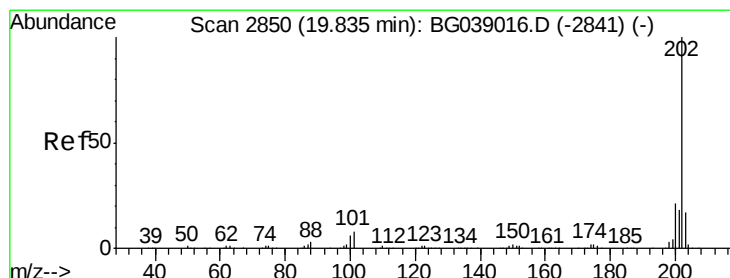
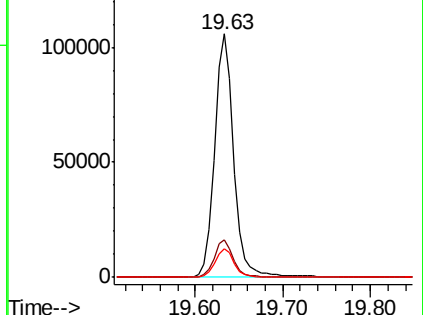
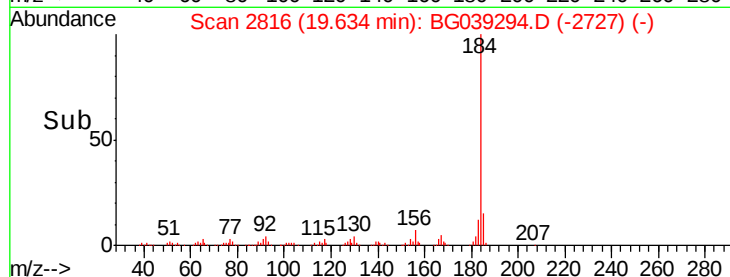
183 11.7 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.083 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

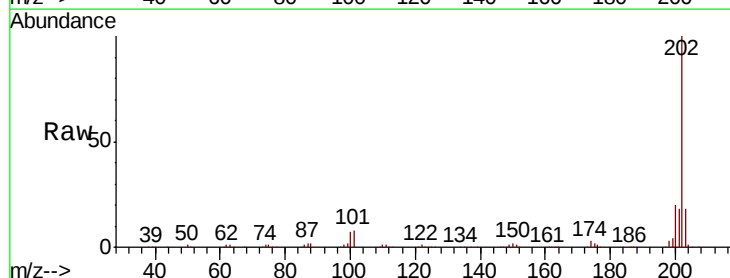
Tgt Ion:202 Resp: 333907

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.6

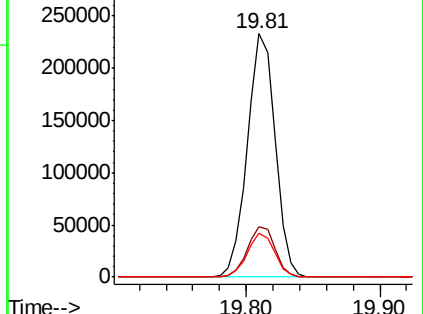
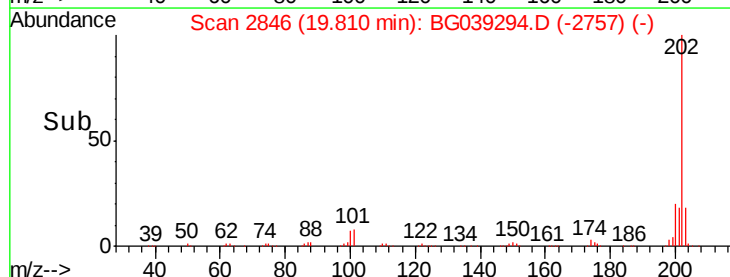
203 17.9 14.0 21.0

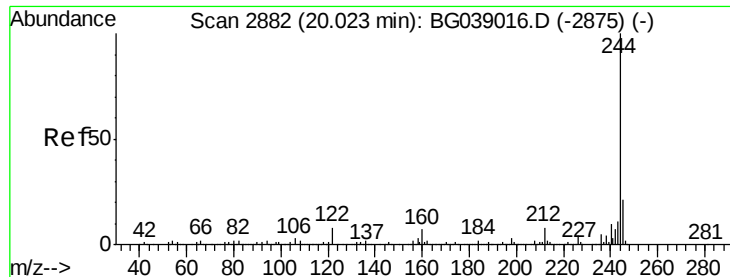


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.439 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

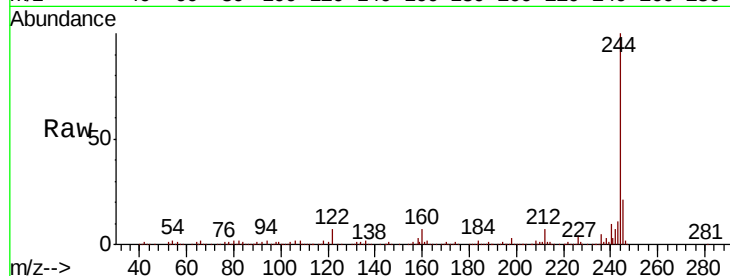
Tgt Ion:244 Resp: 578059

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

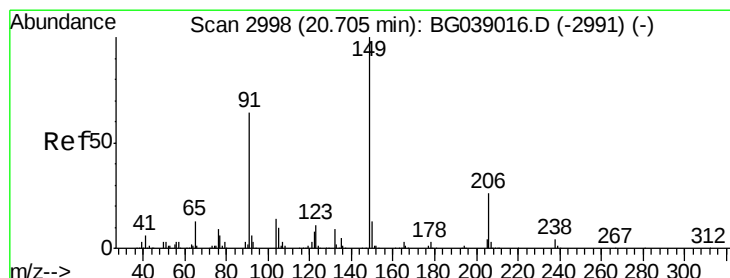
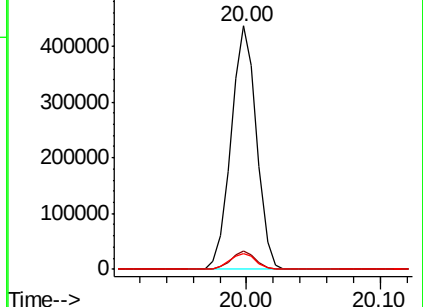
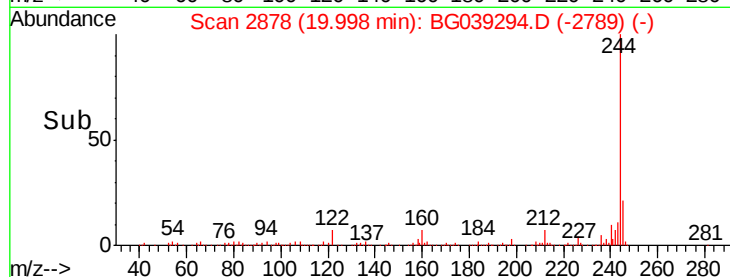
122 6.7 6.1 9.1



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: 32.990 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

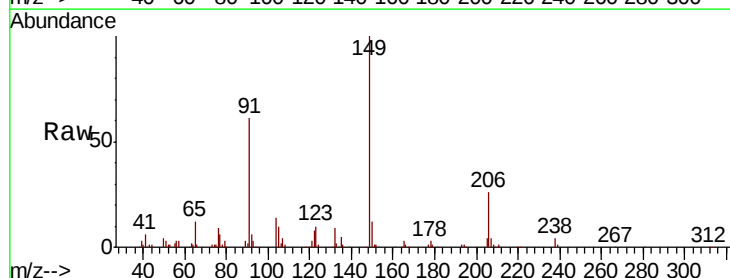
Tgt Ion:149 Resp: 134789

Ion Ratio Lower Upper

149 100

91 60.7 51.4 77.0

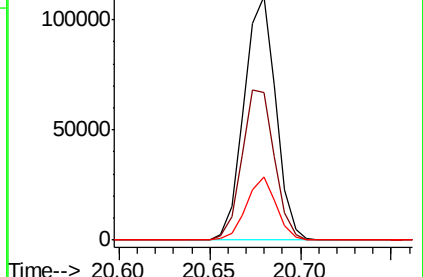
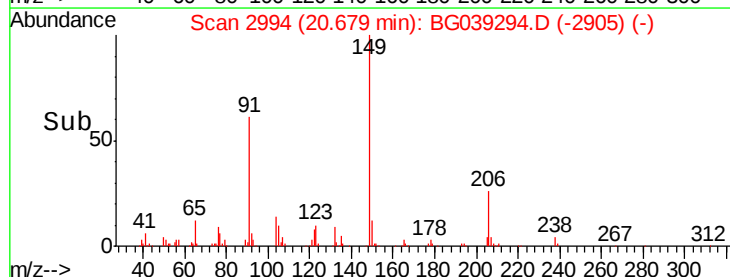
206 26.1 20.4 30.6

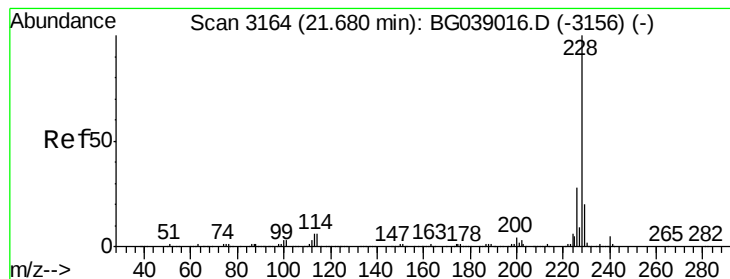


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.304 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

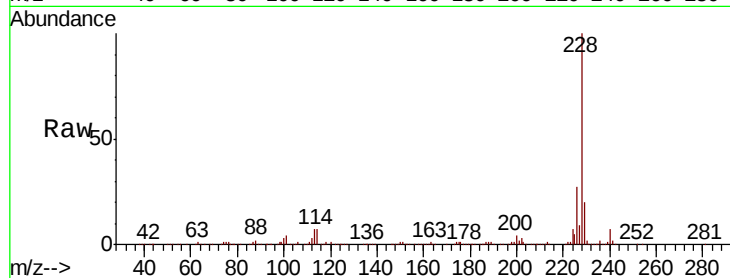
Tgt Ion:228 Resp: 423832

Ion Ratio Lower Upper

228 100

226 27.2 22.4 33.6

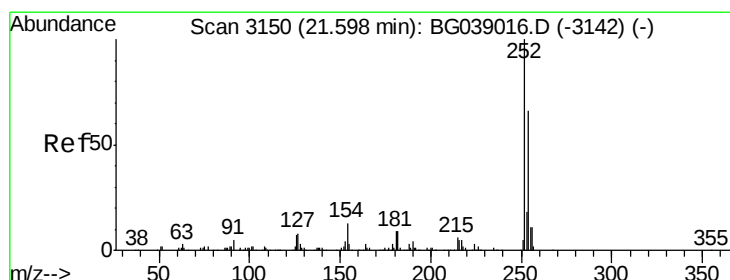
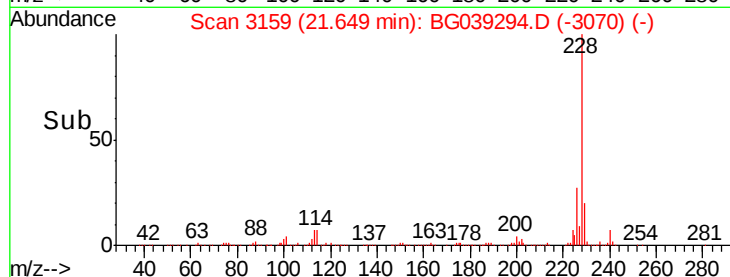
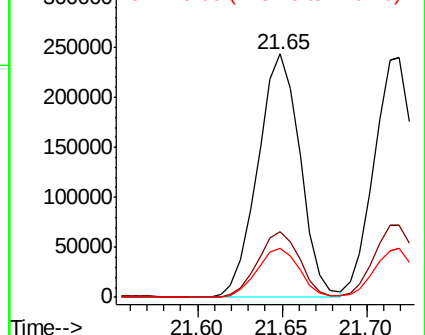
229 19.9 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.113 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

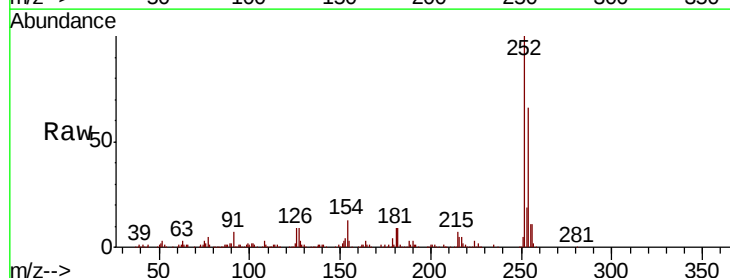
Tgt Ion:252 Resp: 167709

Ion Ratio Lower Upper

252 100

254 66.0 53.0 79.6

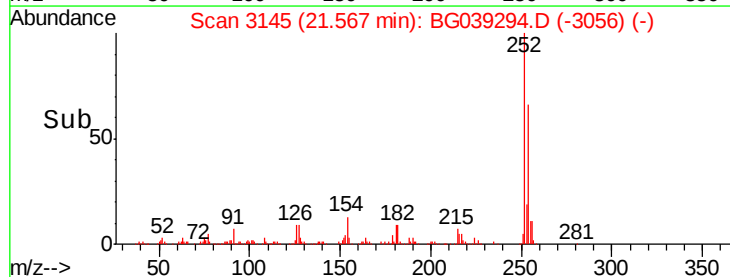
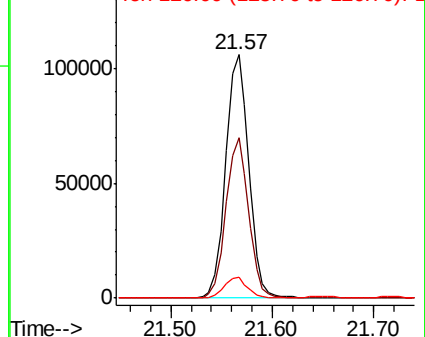
126 8.6 6.0 9.0

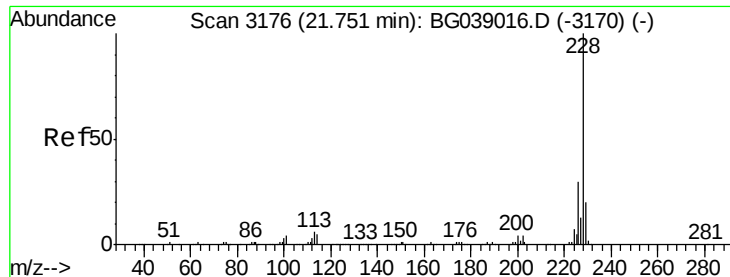


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.130 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

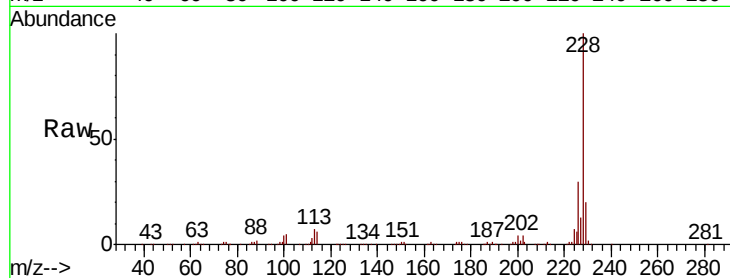
Tgt Ion:228 Resp: 401403

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

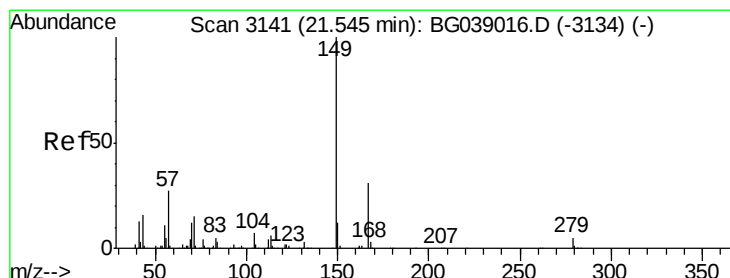
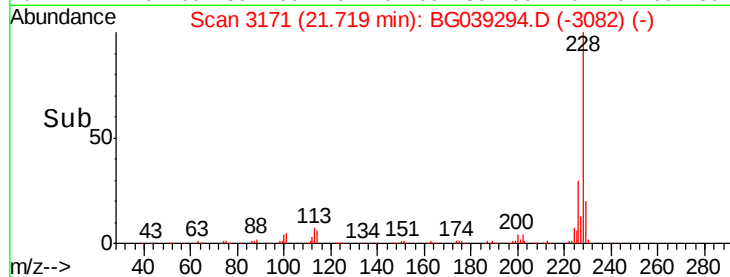
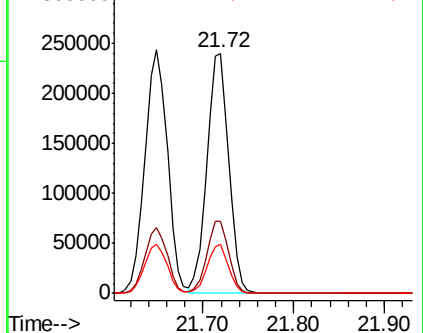
229 20.4 16.0 24.0



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: 45.681 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

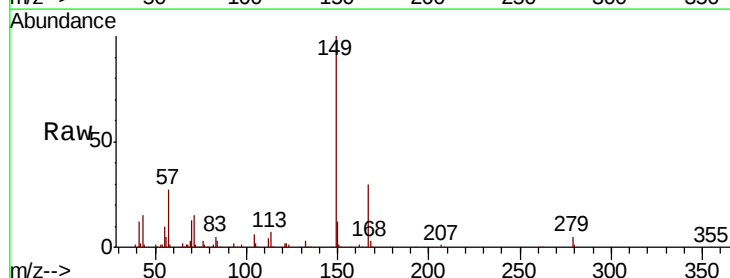
Tgt Ion:149 Resp: 259149

Ion Ratio Lower Upper

149 100

167 29.6 25.0 37.4

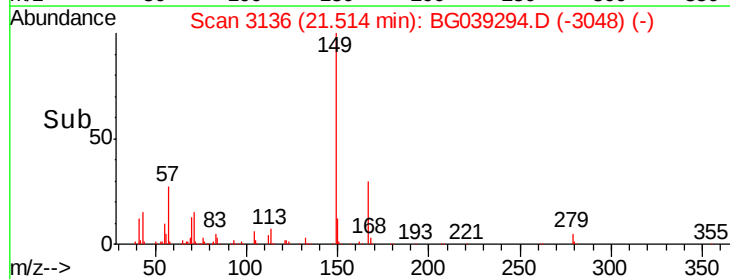
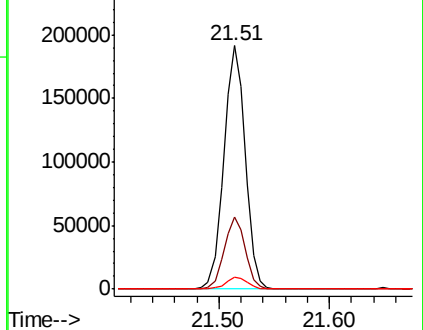
279 5.1 4.3 6.5

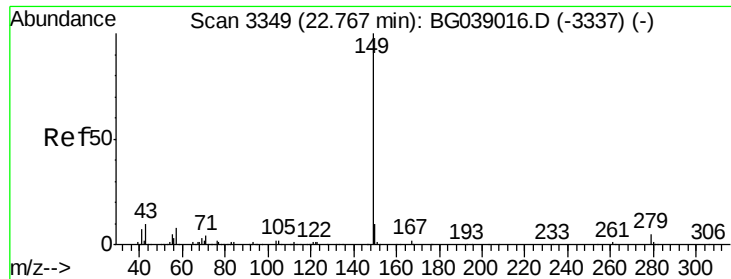


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

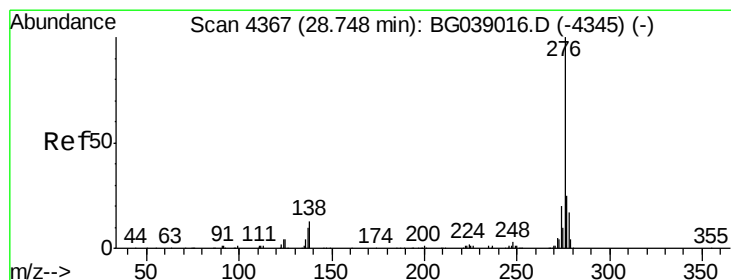
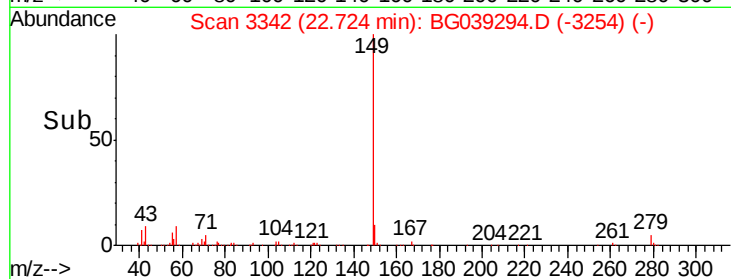
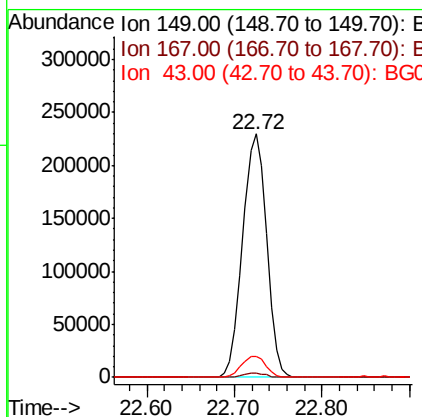
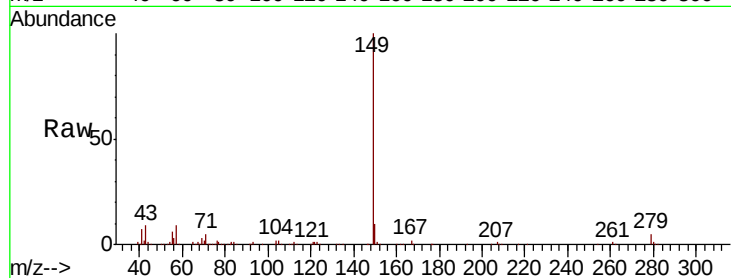




#85  
Di-n-octyl phthalate  
Concen: 44.413 ng  
RT: 22.72 min Scan# 3342  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

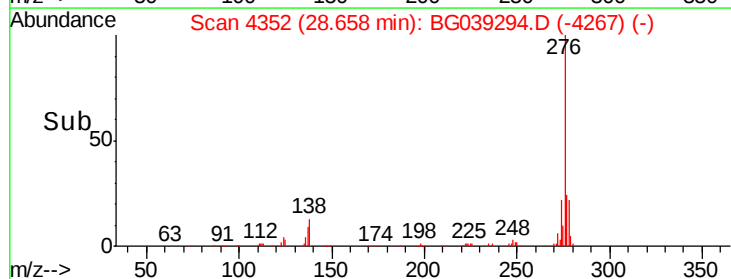
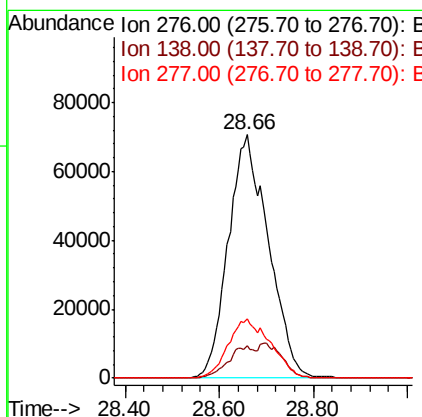
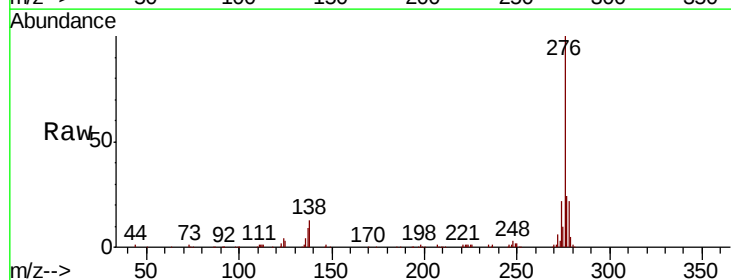
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

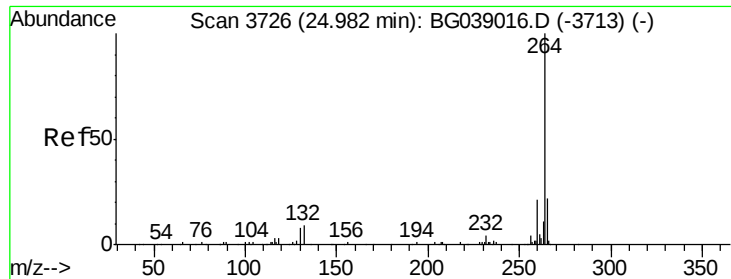
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 9.1   | 7.5   | 11.3  |



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 35.816 ng  
RT: 28.66 min Scan# 4352  
Delta R.T. -0.03 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 8.5   | 8.0   | 12.0  |
| 277     | 25.6  | 20.3  | 30.5  |

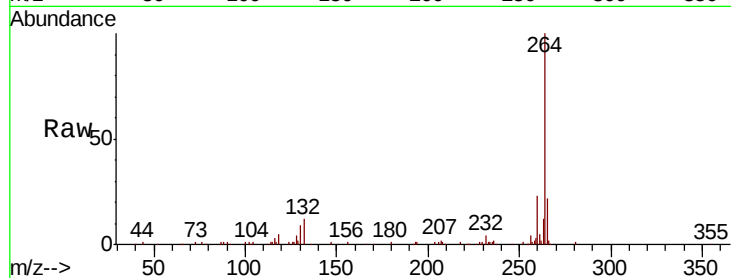




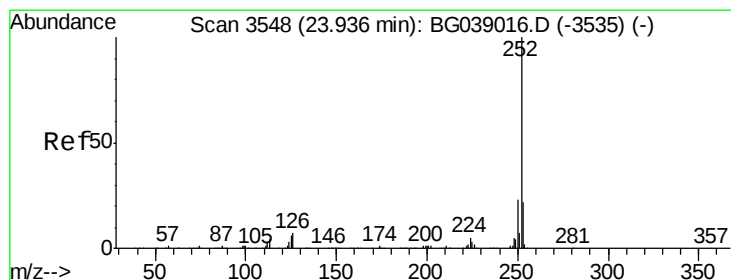
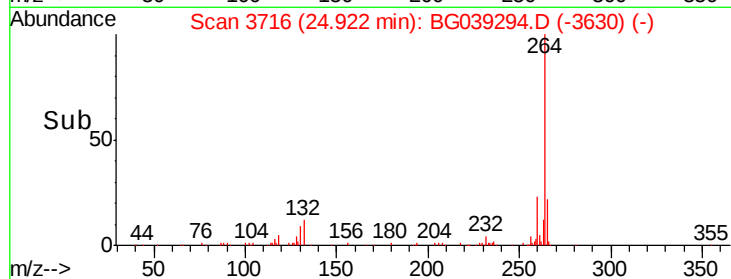
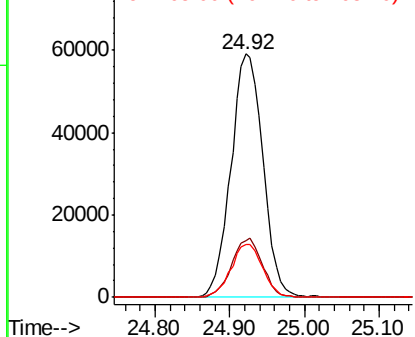
#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.92 min Scan# 3716  
Delta R.T. -0.03 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:264 Resp: 176112  
Ion Ratio Lower Upper  
264 100  
260 23.1 17.0 25.6  
265 21.6 17.2 25.8

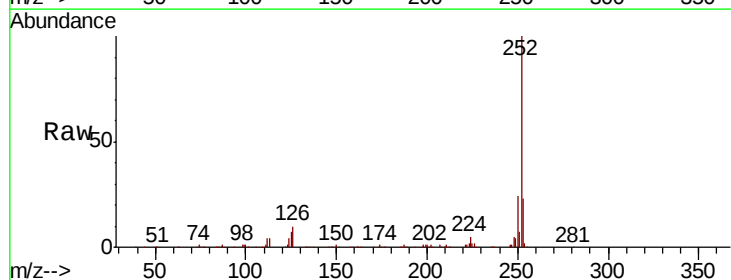


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

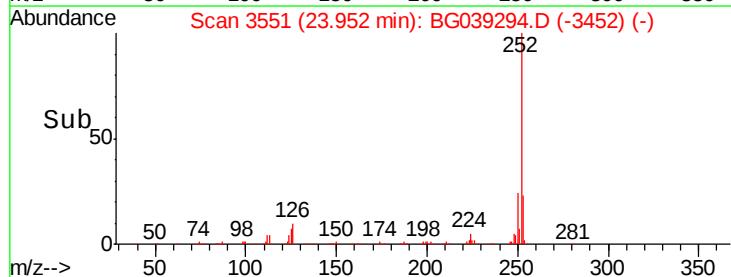
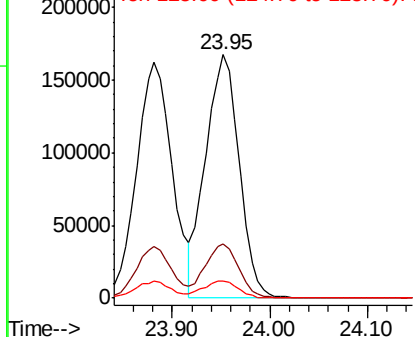


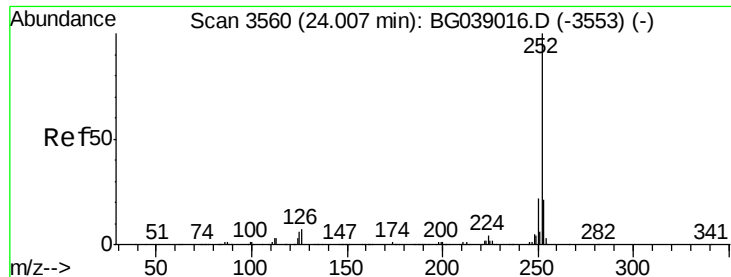
#88  
Benzo(b)fluoranthene  
Concen: 41.057 ng  
RT: 23.95 min Scan# 3551  
Delta R.T. 0.05 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Tgt Ion:252 Resp: 398694  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.8 26.6  
125 7.3 4.9 7.3



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

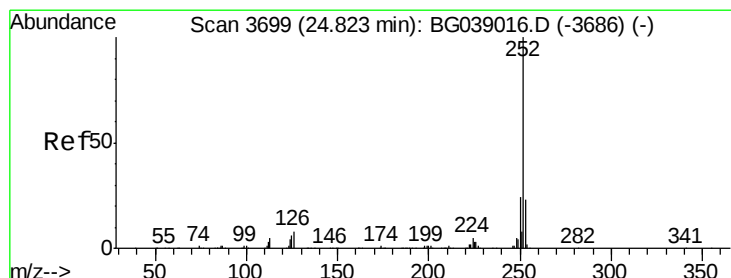
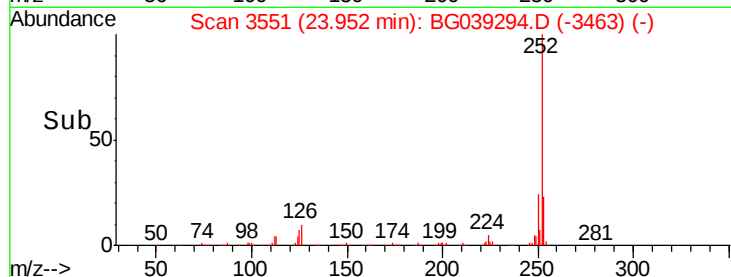
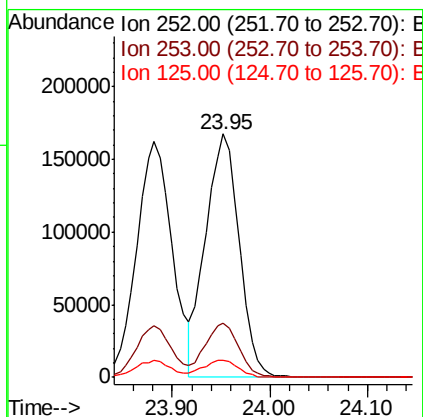
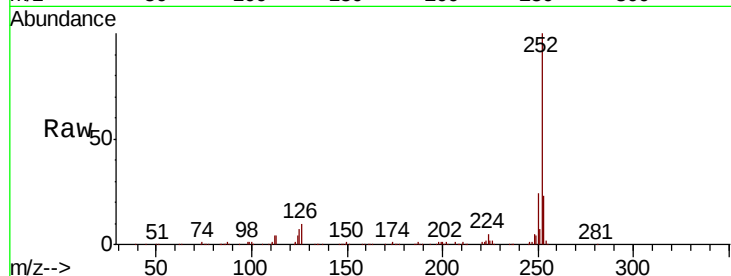




#89  
Benzo(k)fluoranthene  
Concen: 41.525 ng  
RT: 23.95 min Scan# 3551  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

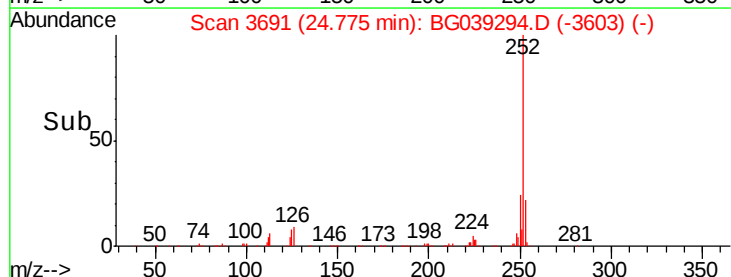
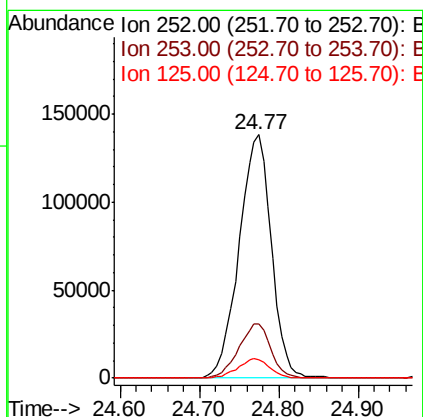
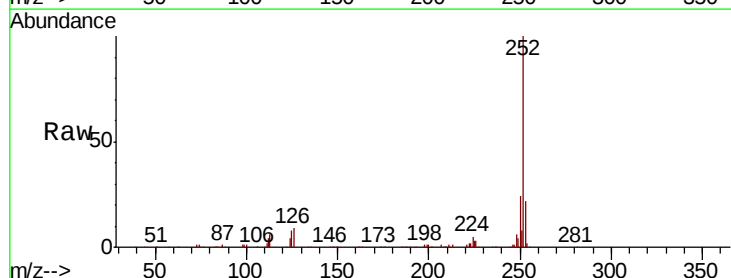
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

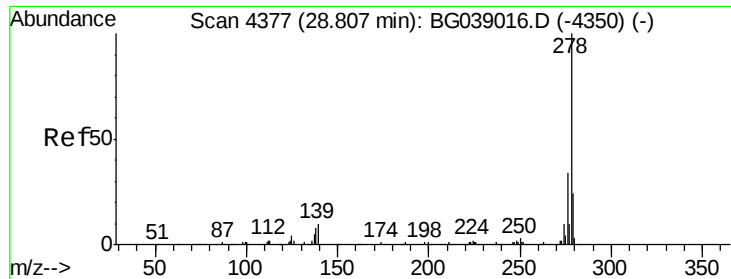
Tgt Ion: 252 Resp: 398694  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.1 25.7  
125 7.3 4.6 7.0#



#90  
Benzo(a)pyrene  
Concen: 41.605 ng  
RT: 24.77 min Scan# 3691  
Delta R.T. -0.01 min  
Lab File: BG039294.D  
Acq: 26 Jan 2019 3:13

Tgt Ion: 252 Resp: 390515  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.3 27.5  
125 7.7 4.9 7.3#





#91

Dibenzo(a,h)anthracene

Concen: 40.008 ng

RT: 28.72 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

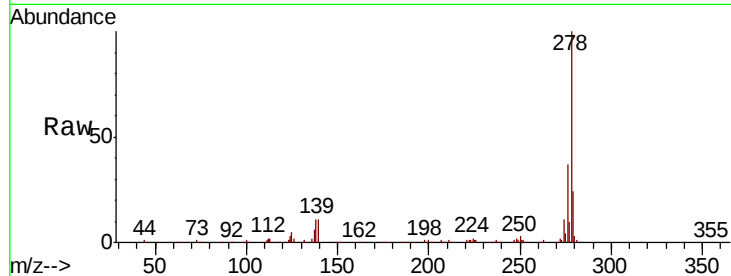
Tgt Ion:278 Resp: 373520

Ion Ratio Lower Upper

278 100

139 10.7 7.9 11.9

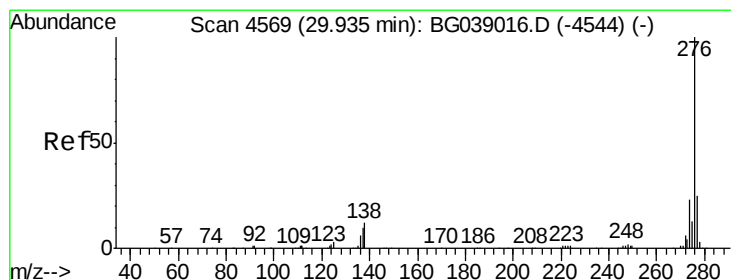
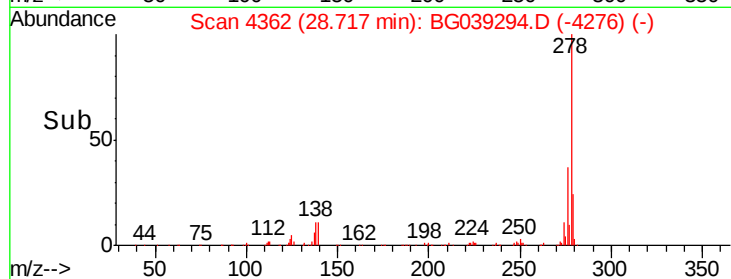
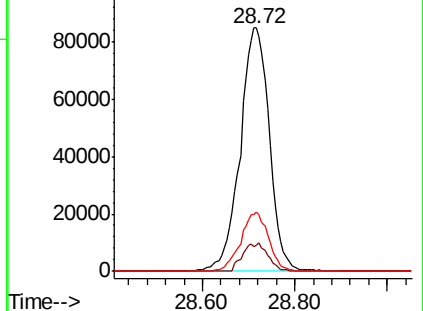
279 24.1 19.3 28.9



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: 33.743 ng

RT: 29.84 min Scan# 4553

Delta R.T. -0.03 min

Lab File: BG039294.D

Acq: 26 Jan 2019 3:13

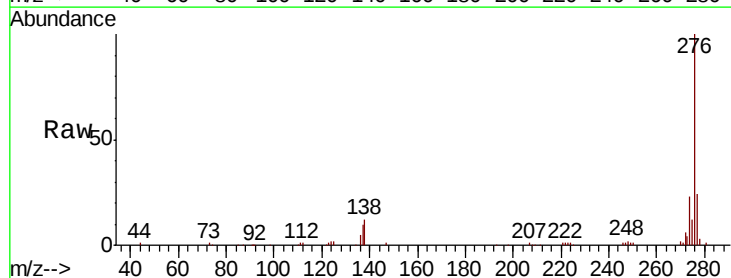
Tgt Ion:276 Resp: 311874

Ion Ratio Lower Upper

276 100

277 23.7 20.3 30.5

138 11.8 9.4 14.2



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

