

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052020\  
 Data File : BG045433.D  
 Acq On : 20 May 2020 10:55  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 20 14:42:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 19 12:10:36 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.96  | 152  | 83780    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.77 | 136  | 350421   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.60 | 164  | 265307   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.35 | 188  | 631946   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.62 | 240  | 566009   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.77 | 264  | 625589   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.57  | 112 | 350335  | 81.72 | ng | 0.00  |
| 7) Phenol-d6             | 7.19  | 99  | 513421  | 84.14 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.12  | 82  | 507324  | 78.95 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 16.10 | 330 | 266980  | 78.69 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.23 | 172 | 1199562 | 76.69 | ng | 0.00  |
| 79) Terphenyl-d14        | 19.97 | 244 | 1955233 | 80.57 | ng | 0.00  |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.41  | 88  | 80580  | 37.905 | ng | 97     |
| 3) Pyridine                    | 3.81  | 79  | 235717 | 39.813 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.72  | 42  | 72182  | 37.257 | ng | 93     |
| 6) Aniline                     | 7.29  | 93  | 329321 | 41.345 | ng | 99     |
| 8) 2-Chlorophenol              | 7.55  | 128 | 193763 | 41.216 | ng | 98     |
| 9) Benzaldehyde                | 7.10  | 77  | 165559 | 41.646 | ng | 95     |
| 10) Phenol                     | 7.21  | 94  | 263961 | 41.975 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.38  | 93  | 208634 | 42.534 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.85  | 146 | 228690 | 40.480 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.99  | 146 | 228886 | 41.054 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 8.32  | 146 | 223086 | 41.602 | ng | 97     |
| 15) Benzyl Alcohol             | 8.22  | 79  | 214202 | 42.496 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.49  | 45  | 191949 | 41.226 | ng | 97     |
| 17) 2-Methylphenol             | 8.45  | 107 | 202441 | 43.009 | ng | 95     |
| 18) Hexachloroethane           | 9.05  | 117 | 87434  | 40.947 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.77  | 70  | 185333 | 43.924 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.78  | 107 | 272972 | 42.588 | ng | # 56   |
| 22) Acetophenone               | 8.78  | 105 | 341002 | 41.058 | ng | 94     |
| 24) Nitrobenzene               | 9.17  | 77  | 271033 | 39.367 | ng | 99     |
| 25) Isophorone                 | 9.69  | 82  | 524562 | 41.450 | ng | 97     |
| 26) 2-Nitrophenol              | 9.88  | 139 | 122574 | 41.618 | ng | # 87   |
| 27) 2,4-Dimethylphenol         | 9.97  | 122 | 186321 | 42.654 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.17 | 93  | 282797 | 42.610 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.45 | 162 | 215379 | 41.754 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.63 | 180 | 247462 | 40.599 | ng | 99     |
| 31) Naphthalene                | 10.82 | 128 | 664765 | 40.710 | ng | 99     |
| 32) Benzoic acid               | 10.16 | 122 | 151084 | 50.259 | ng | 94     |
| 33) 4-Chloroaniline            | 10.94 | 127 | 297663 | 43.609 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.11 | 225 | 170193 | 39.501 | ng | 97     |
| 35) Caprolactam                | 11.71 | 113 | 80334  | 42.429 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 249586 | 42.939 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.43 | 142 | 506476 | 41.614 | ng | 96     |
| 38) 1-Methylnaphthalene        | 12.65 | 142 | 474544 | 41.276 | ng | 94     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.80 | 216 | 279806 | 37.758 | ng | 100    |

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 ALS Vial : 2 Sample Multiplier: 1

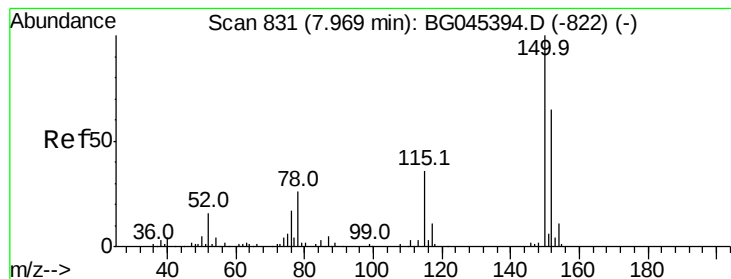
Instrument :  
 BNA\_G  
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.78 | 237  | 164542   | 38.470 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.06 | 196  | 203004   | 39.436 | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.15 | 196  | 234755   | 39.907 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.44 | 154  | 636033   | 39.016 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.48 | 162  | 518203   | 39.146 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.69 | 65   | 169290   | 38.877 | nq    | 88       |
| 49) Acenaphthylene             | 14.33 | 152  | 838416   | 39.430 | nq    | 99       |
| 50) Dimethylphthalate          | 14.06 | 163  | 716963   | 39.394 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.18 | 165  | 163089   | 39.712 | nq    | 93       |
| 52) Acenaphthene               | 14.67 | 154  | 500811   | 35.186 | nq    | 98       |
| 53) 3-Nitroaniline             | 14.52 | 138  | 169406   | 40.579 | nq    | 91       |
| 54) 2,4-Dinitrophenol          | 14.72 | 184  | 90306    | 36.736 | nq    | 94       |
| 55) Dibenzofuran               | 15.01 | 168  | 833171   | 39.419 | nq    | 98       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 125033   | 39.559 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.97 | 165  | 236202   | 39.713 | nq    | 99       |
| 58) Fluorene                   | 15.66 | 166  | 687202   | 39.575 | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 205943   | 39.793 | nq    | 96       |
| 60) Diethylphthalate           | 15.43 | 149  | 738540   | 38.987 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.65 | 204  | 393780   | 39.629 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.69 | 138  | 176406   | 40.476 | nq    | 90       |
| 63) Azobenzene                 | 15.94 | 77   | 682397   | 38.634 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.74 | 198  | 138741   | 37.697 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.87 | 169  | 604670   | 39.852 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.54 | 248  | 276757   | 40.444 | nq    | 95       |
| 68) Hexachlorobenzene          | 16.67 | 284  | 290826   | 40.634 | nq    | 97       |
| 69) Atrazine                   | 16.82 | 200  | 246559   | 39.452 | nq    | 97       |
| 70) Pentachlorophenol          | 17.02 | 266  | 126226   | 33.966 | nq    | 98       |
| 71) Phenanthrene               | 17.40 | 178  | 1098427  | 39.815 | nq    | 99       |
| 72) Anthracene                 | 17.49 | 178  | 1107877  | 39.989 | nq    | 98       |
| 73) Carbazole                  | 17.76 | 167  | 1067490  | 39.529 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.32 | 149  | 1251720  | 38.617 | nq    | 98       |
| 75) Fluoranthene               | 19.41 | 202  | 1338767  | 38.152 | nq    | 98       |
| 77) Benzidine                  | 19.59 | 184  | 582184   | 36.623 | nq    | 98       |
| 78) Pyrene                     | 19.77 | 202  | 1349076  | 41.813 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.65 | 149  | 577525   | 41.469 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.59 | 228  | 1277706  | 40.523 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.51 | 252  | 489153   | 39.549 | nq    | 99       |
| 83) Chrysene                   | 21.66 | 228  | 1227602  | 40.491 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.51 | 149  | 774724   | 40.469 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.70 | 149  | 1318994  | 40.115 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.35 | 276  | 1564595  | 39.464 | nq    | # 95     |
| 88) Benzo(b)fluoranthene       | 23.84 | 252  | 1285115  | 38.303 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 23.84 | 252  | 1285115  | 40.770 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.62 | 252  | 1272680  | 40.730 | nq    | # 97     |
| 91) Dibenzo(a,h)anthracene     | 28.41 | 278  | 1258874  | 40.091 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.47 | 276  | 1242376  | 39.561 | nq    | 97       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

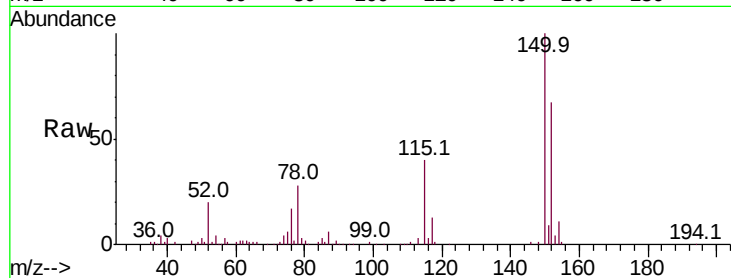
Tot Ion:152 Resp: 83780

Ion Ratio Lower Upper

152 100

150 149.6 122.4 183.6

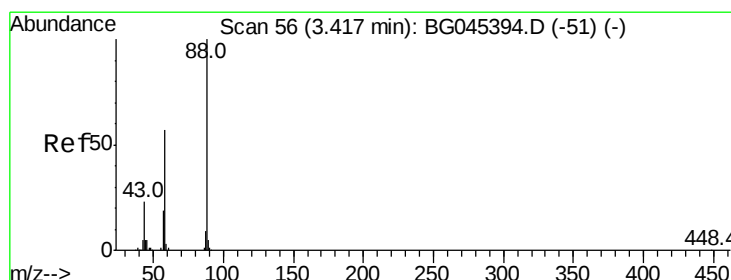
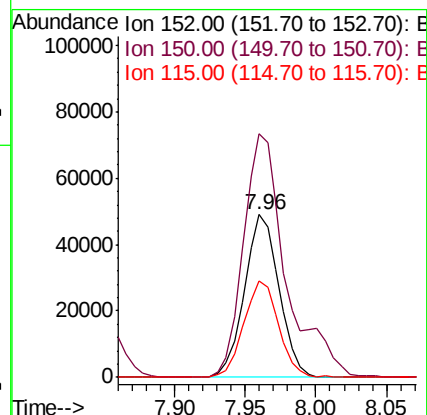
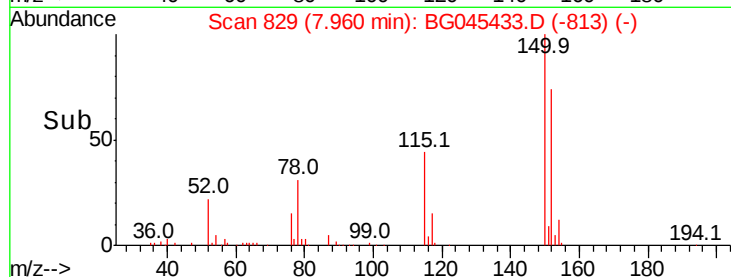
115 59.1 44.2 66.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.905 ng

RT: 3.41 min Scan# 54

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

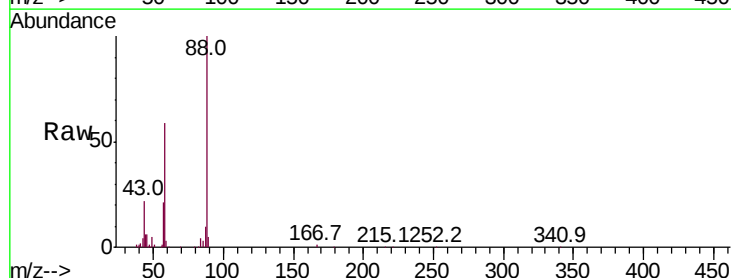
Tgt Ion: 88 Resp: 80580

Ion Ratio Lower Upper

88 100

58 60.0 45.7 68.5

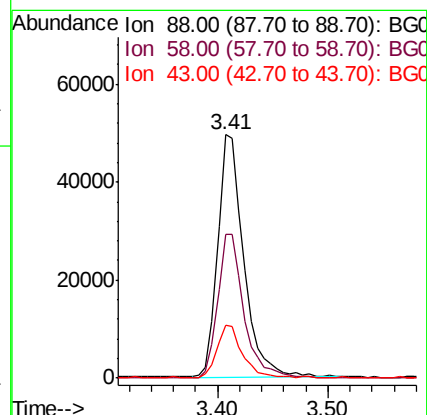
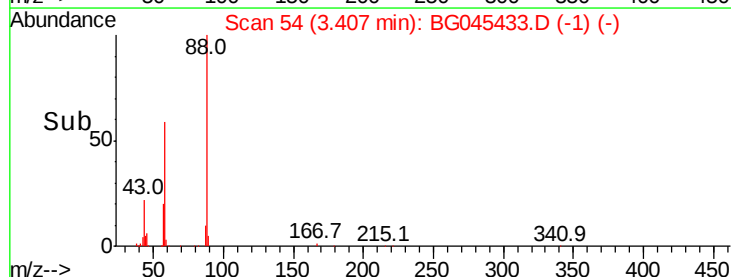
43 21.7 16.8 25.2

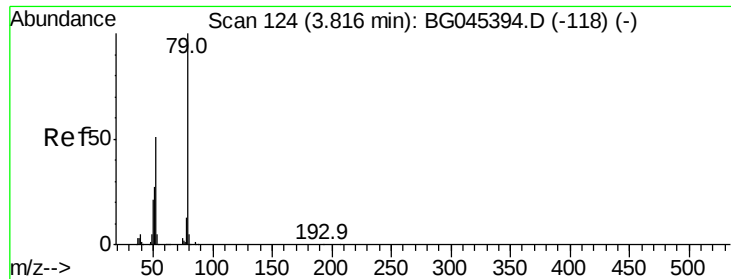


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.813 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

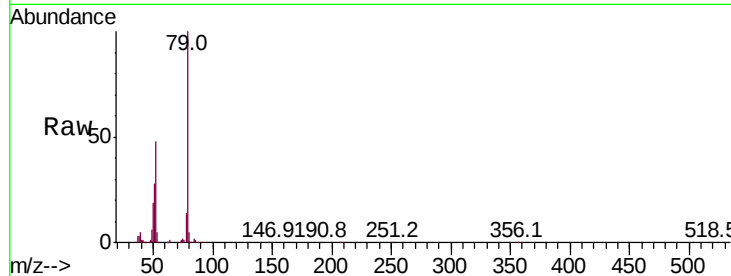
Tot Ion: 79 Resp: 235717

Ion Ratio Lower Upper

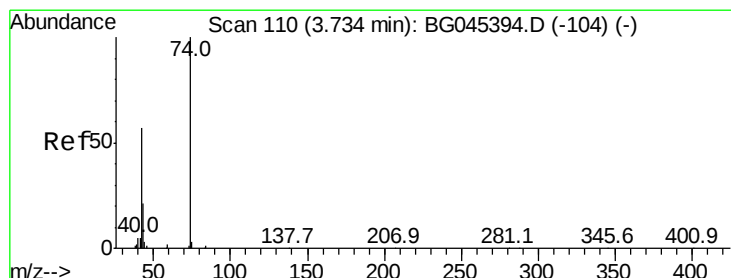
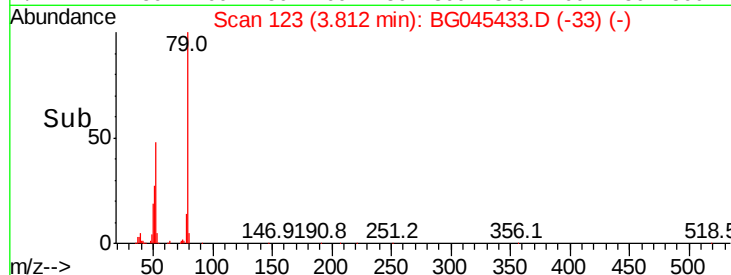
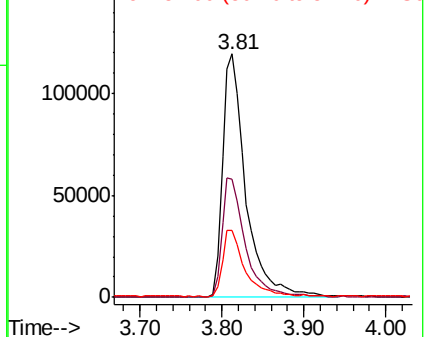
79 100

52 48.4 40.8 61.2

51 27.6 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 37.257 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

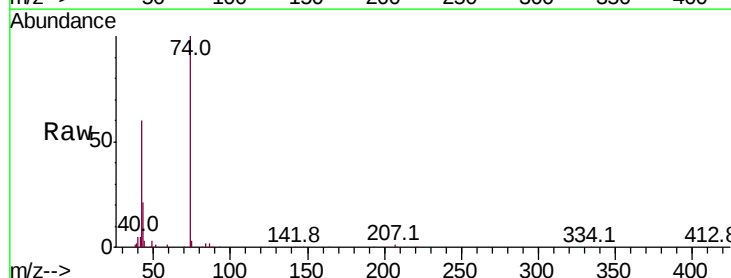
Tgt Ion: 42 Resp: 72182

Ion Ratio Lower Upper

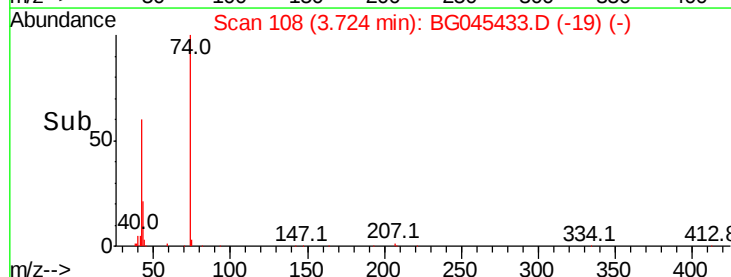
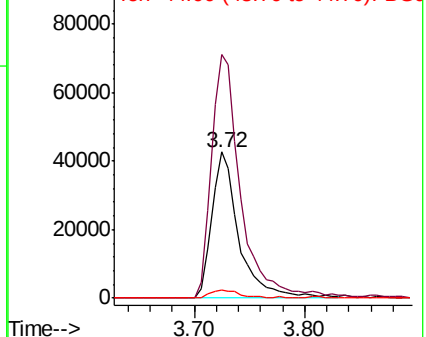
42 100

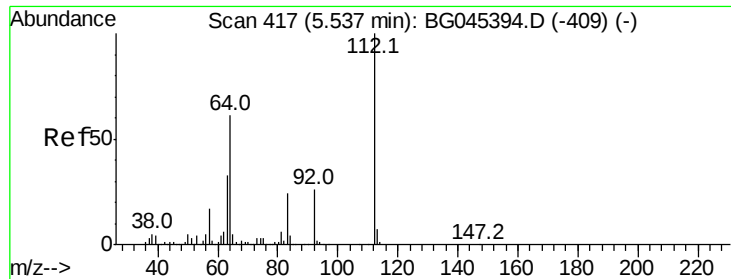
74 166.8 141.3 211.9

44 5.3 4.2 6.4



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





#5

2-Fluorophenol

Concen: 81.721 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

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ClientSampleId :

SSTDCCC040

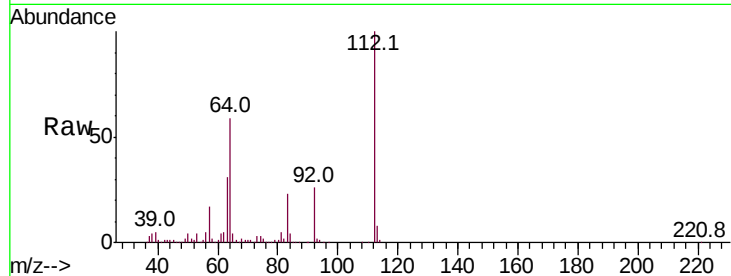
Tot Ion:112 Resp: 350335

Ion Ratio Lower Upper

112 100

64 58.6 48.6 72.8

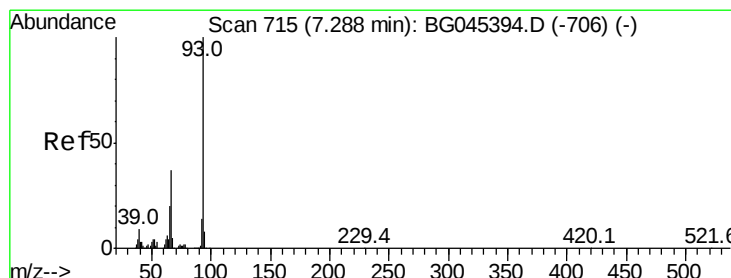
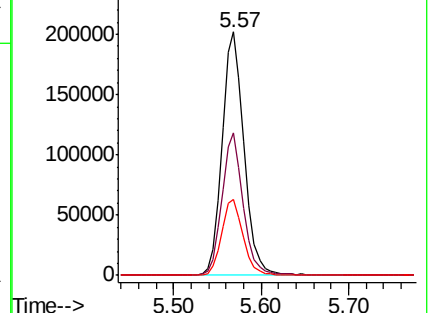
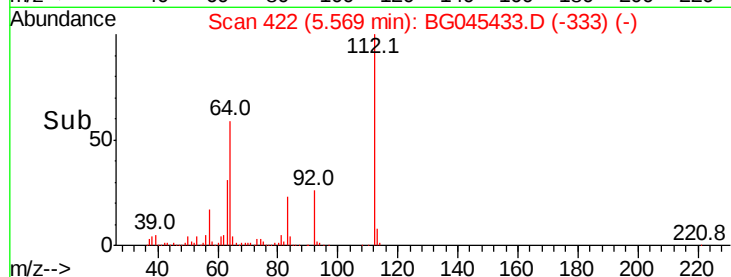
63 31.3 26.5 39.7



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: 41.345 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

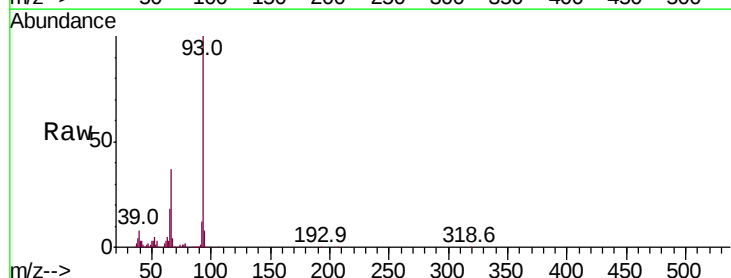
Tgt Ion: 93 Resp: 329321

Ion Ratio Lower Upper

93 100

66 37.0 29.6 44.4

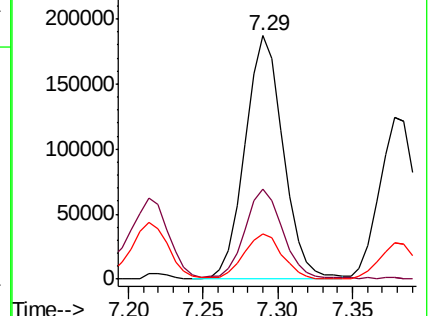
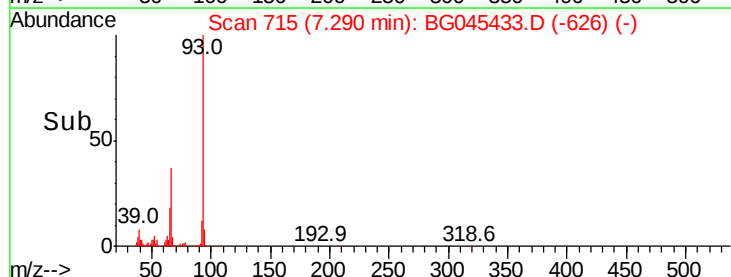
65 18.4 15.9 23.9

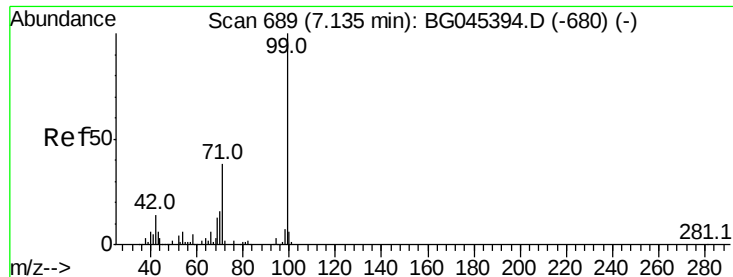


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.145 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

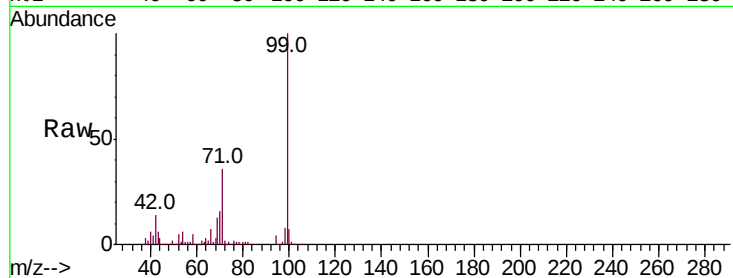
Tot Ion: 99 Resp: 513421

Ion Ratio Lower Upper

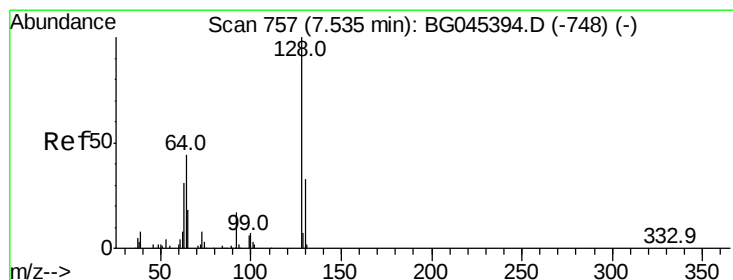
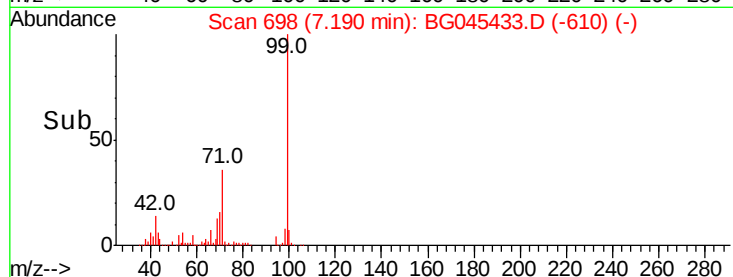
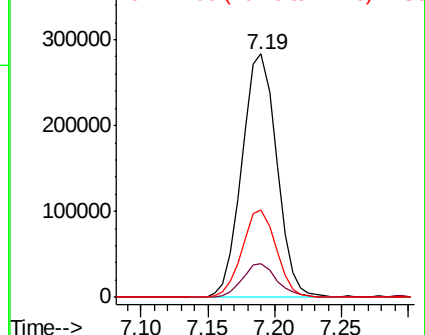
99 100

42 13.9 11.3 16.9

71 36.0 30.8 46.2



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



#8

2-Chlorophenol

Concen: 41.216 ng

RT: 7.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

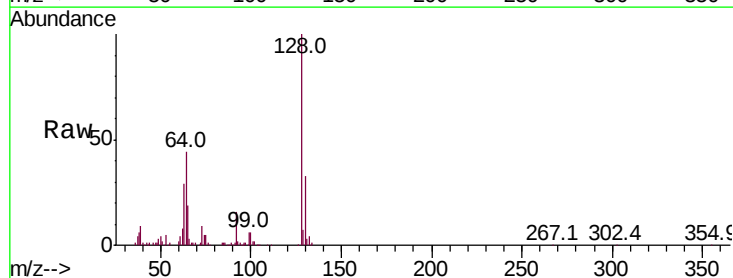
Tgt Ion: 128 Resp: 193763

Ion Ratio Lower Upper

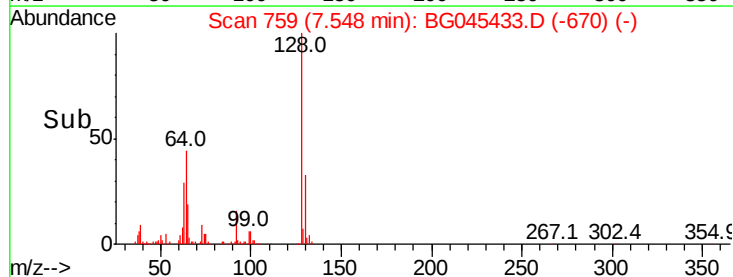
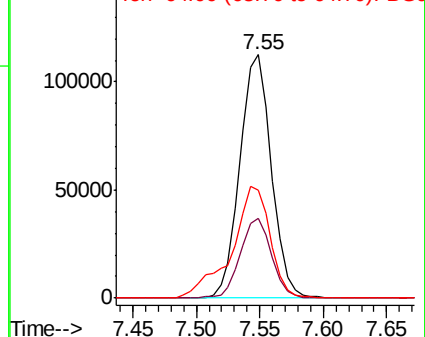
128 100

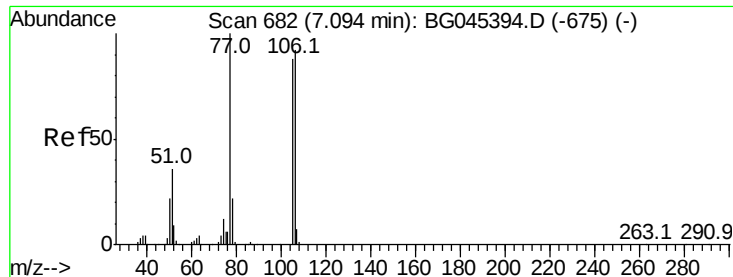
130 32.8 12.6 52.6

64 44.4 27.0 67.0



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





#9

Benzaldehyde

Concen: 41.646 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

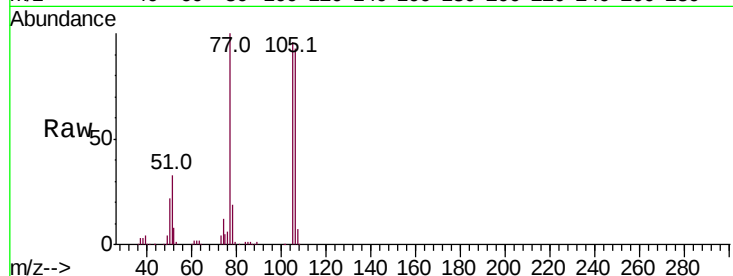
Tot Ion: 77 Resp: 165559

Ion Ratio Lower Upper

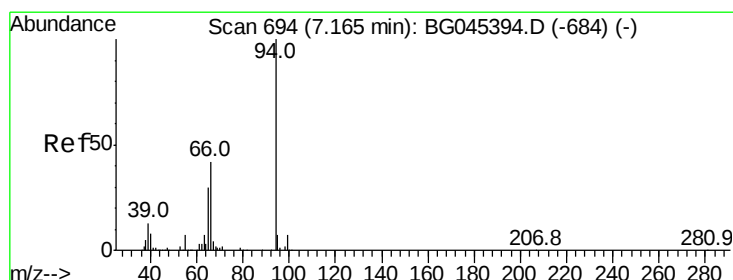
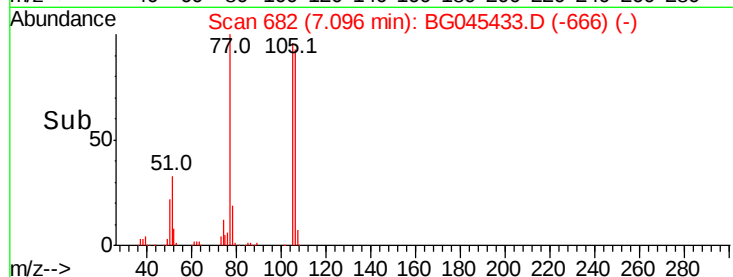
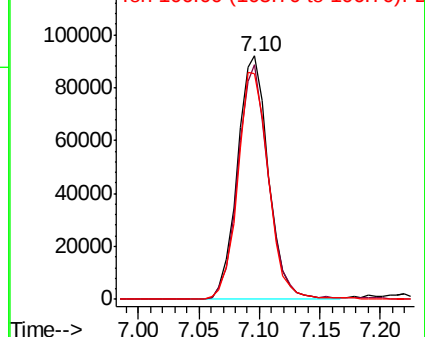
77 100

105 96.4 68.5 108.5

106 92.5 71.6 111.6



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



#10

Phenol

Concen: 41.975 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

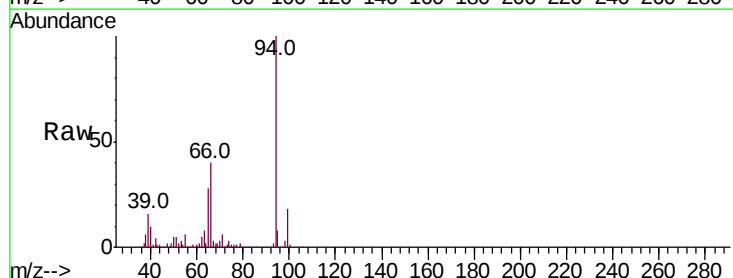
Tgt Ion: 94 Resp: 263961

Ion Ratio Lower Upper

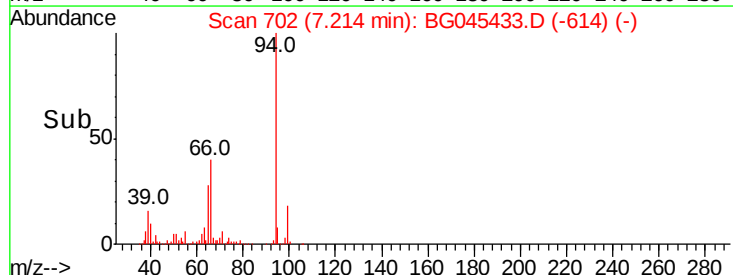
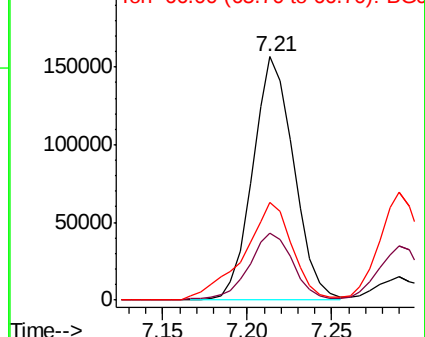
94 100

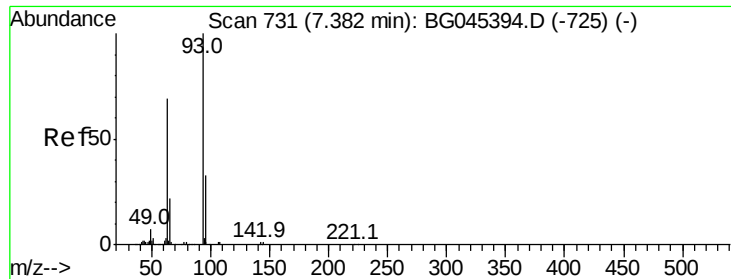
65 27.8 9.8 49.8

66 40.0 22.0 62.0



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

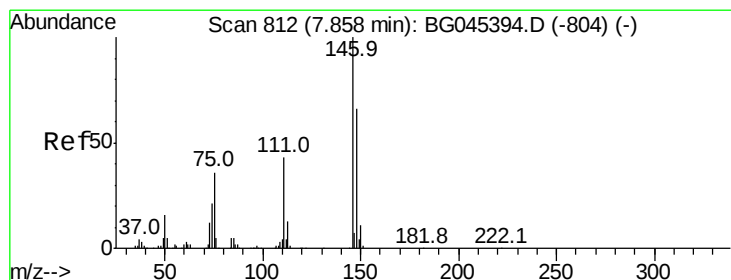
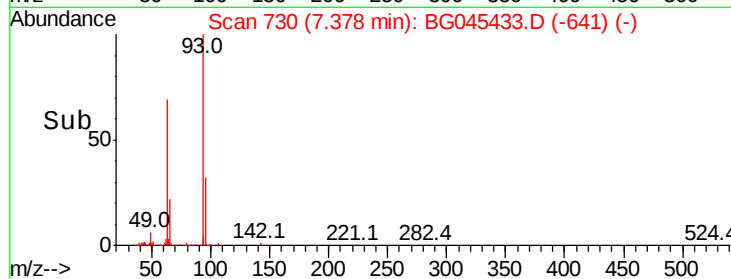
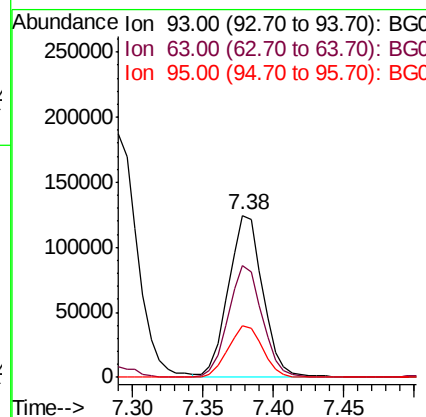
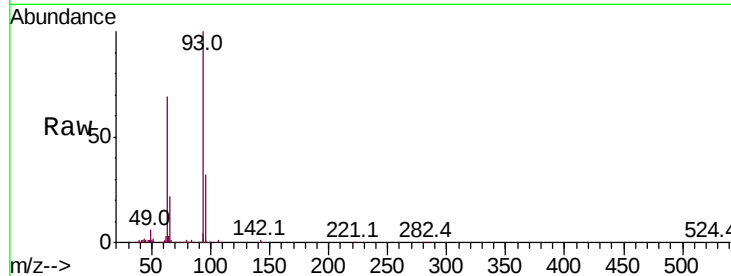




#11  
 bis(2-Chloroethyl)ether  
 Concen: 42.534 ng  
 RT: 7.38 min Scan# 730  
 Delta R.T. -0.01 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

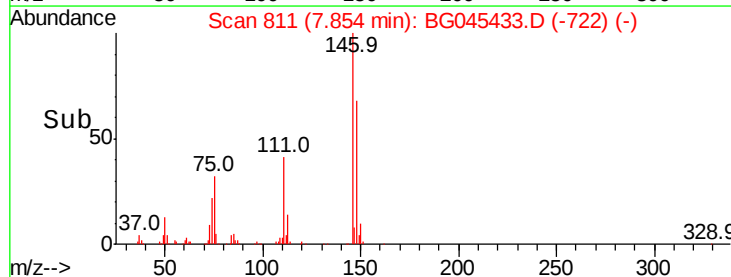
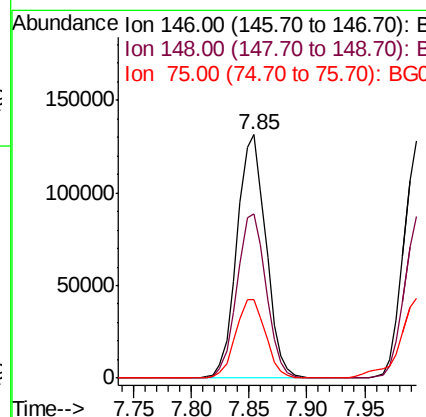
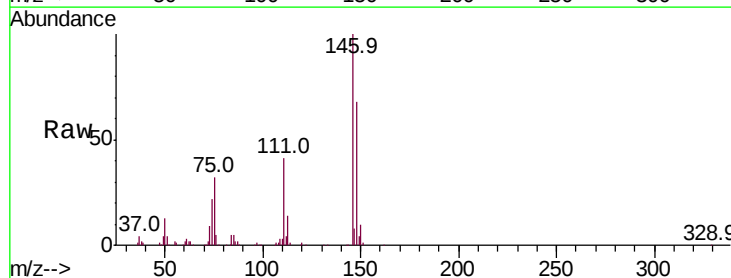
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

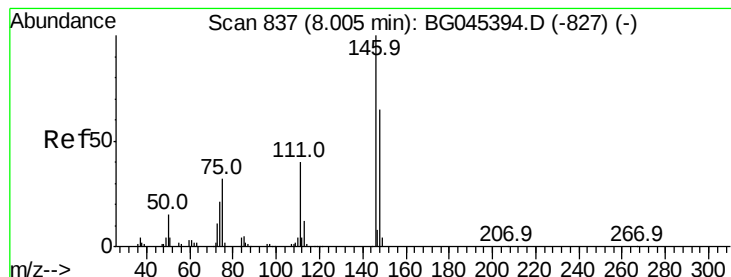
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 69.2  | 48.4  | 88.4  |
| 95      | 31.8  | 12.4  | 52.4  |



#12  
 1,3-Dichlorobenzene  
 Concen: 40.480 ng  
 RT: 7.85 min Scan# 811  
 Delta R.T. -0.01 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.5  | 53.2  | 79.8  |
| 75      | 32.4  | 28.6  | 43.0  |





#13

1,4-Dichlorobenzene

Concen: 41.054 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

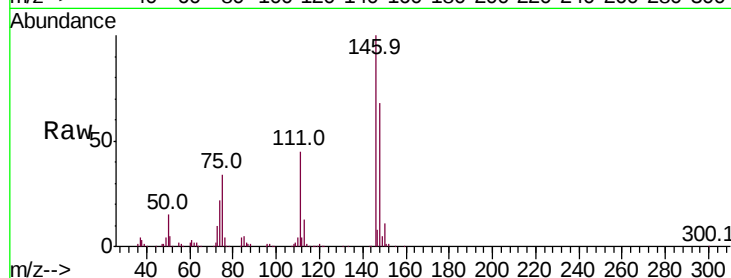
Tot Ion:146 Resp: 228886

Ion Ratio Lower Upper

146 100

148 68.4 51.8 77.8

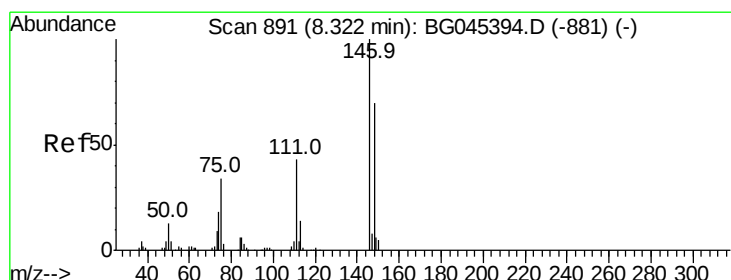
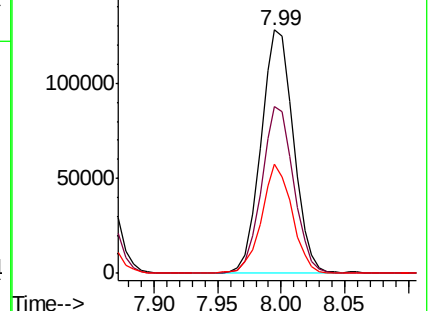
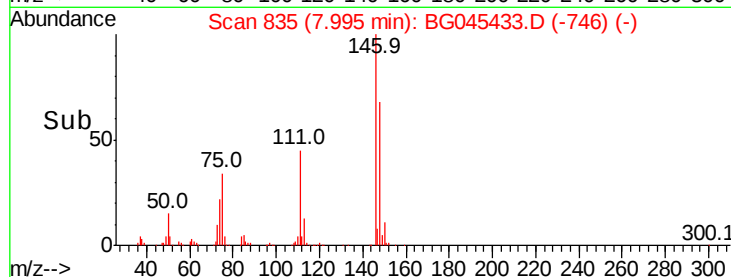
111 44.9 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.602 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

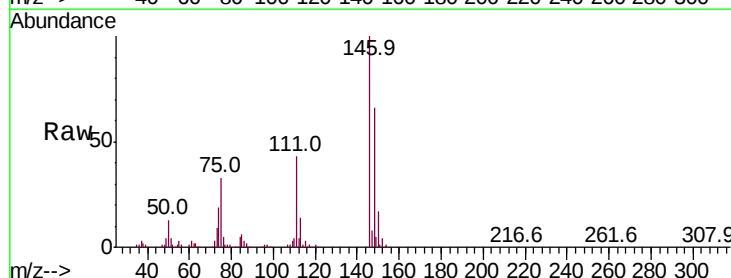
Tgt Ion:146 Resp: 223086

Ion Ratio Lower Upper

146 100

148 65.9 55.9 83.9

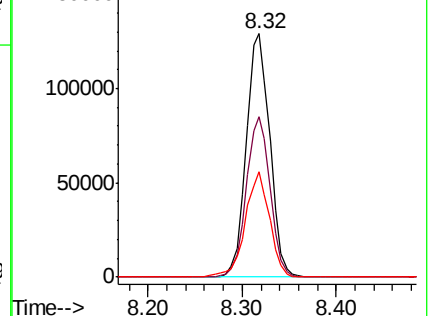
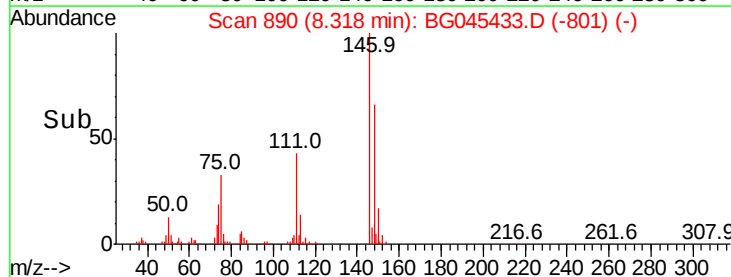
111 43.4 35.0 52.4

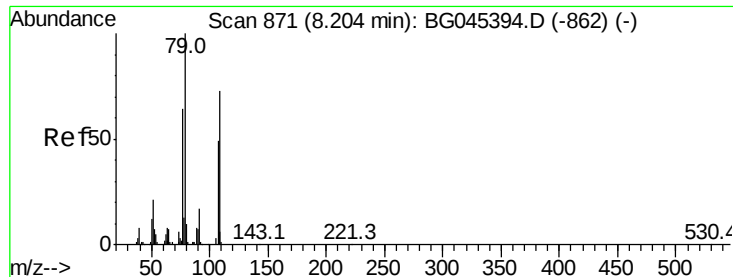


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.496 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

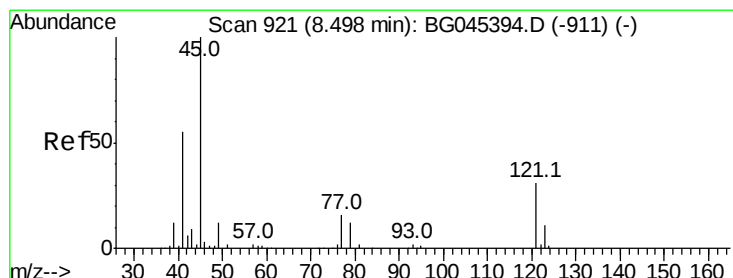
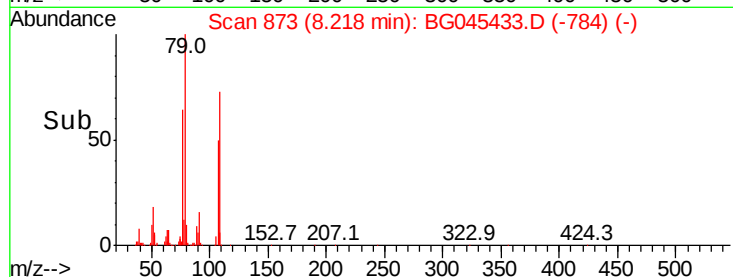
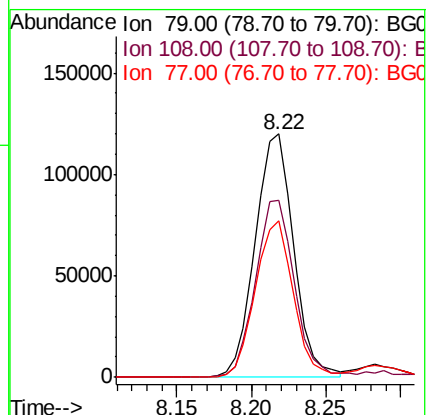
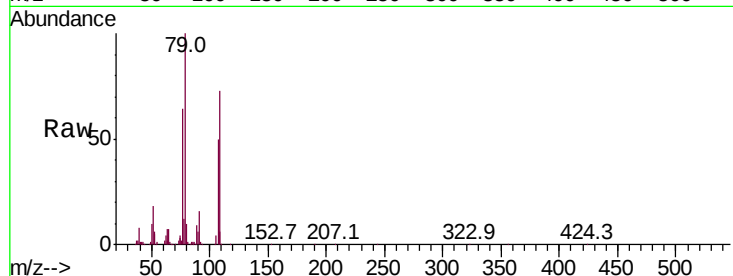
Tot Ion: 79 Resp: 214202

Ion Ratio Lower Upper

79 100

108 73.0 58.2 87.4

77 64.4 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.226 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

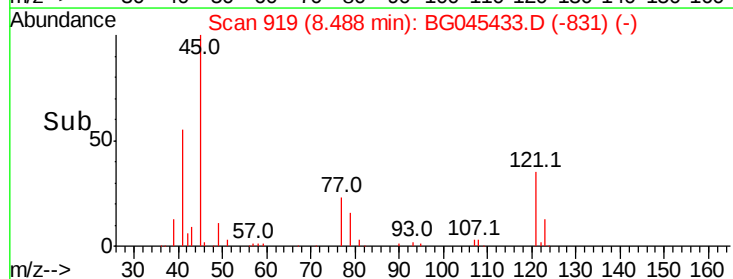
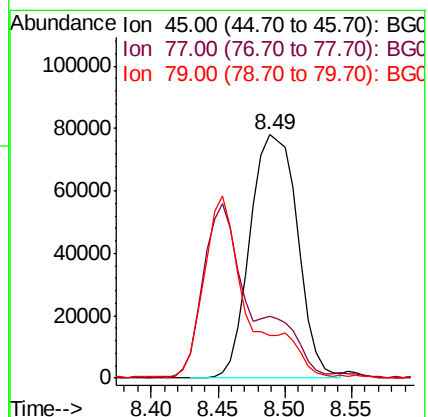
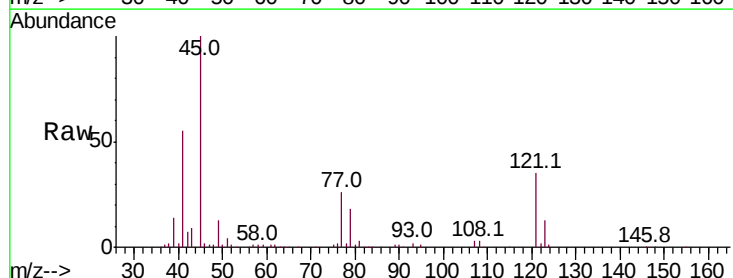
Tgt Ion: 45 Resp: 191949

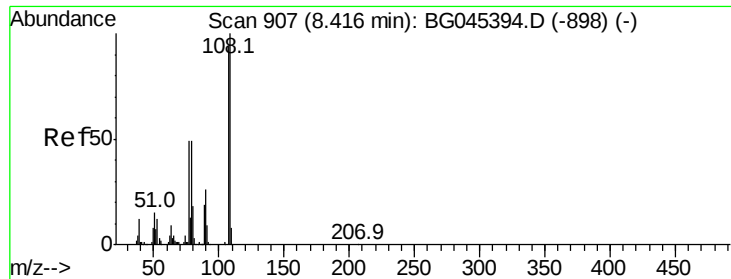
Ion Ratio Lower Upper

45 100

77 25.6 4.0 44.0

79 17.6 0.0 38.6





#17

2-Methylphenol

Concen: 43.009 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 202441

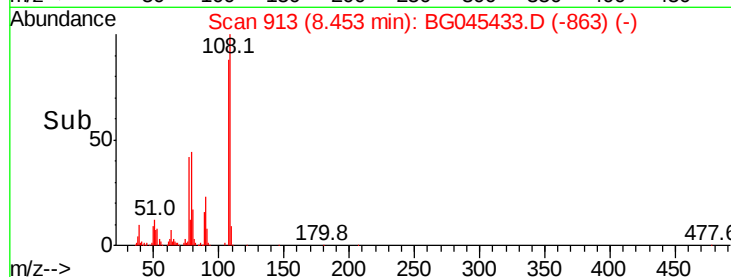
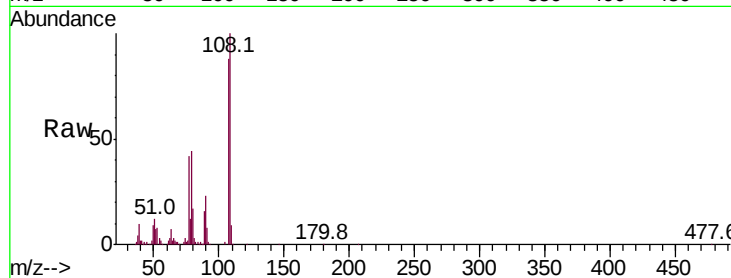
Ion Ratio Lower Upper

107 100

108 113.7 85.2 127.8

77 48.2 41.6 62.4

79 50.5 41.8 62.8

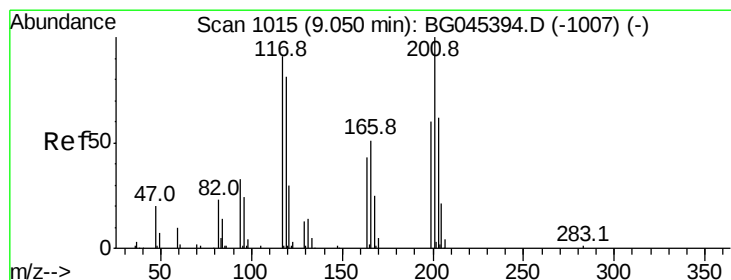
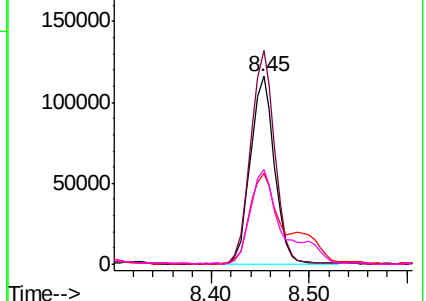


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.947 ng

RT: 9.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

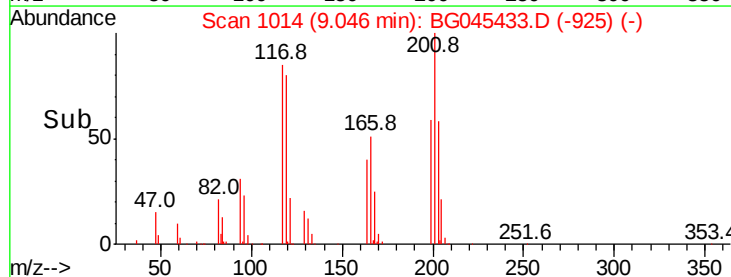
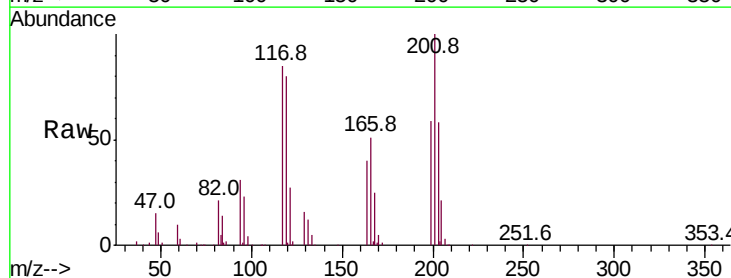
Tgt Ion:117 Resp: 87434

Ion Ratio Lower Upper

117 100

119 94.5 71.3 106.9

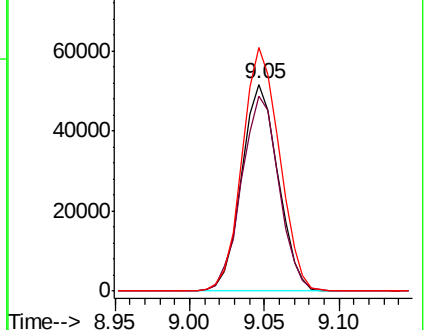
201 117.9 87.5 131.3

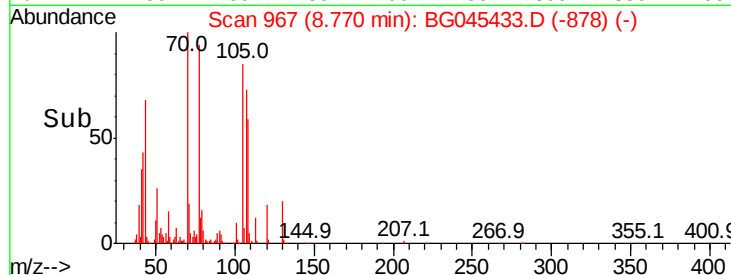
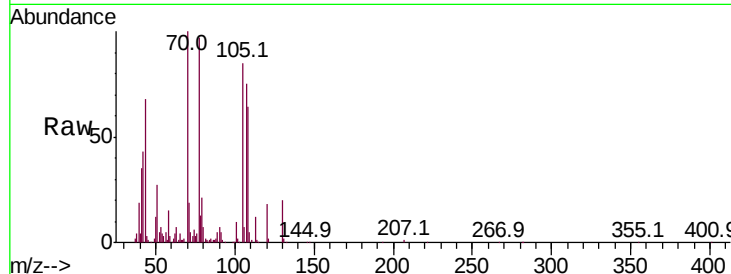
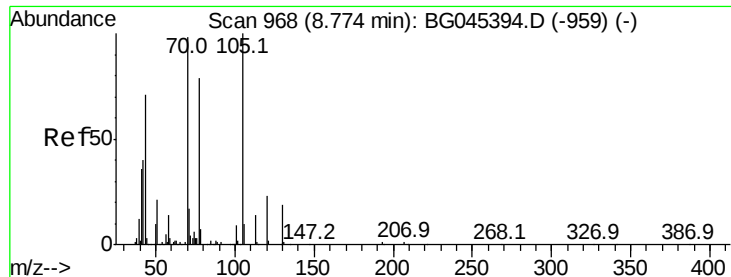


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

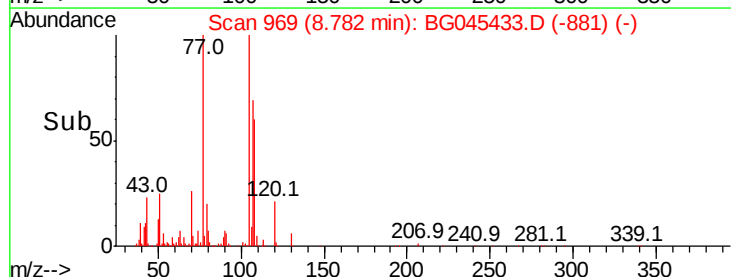
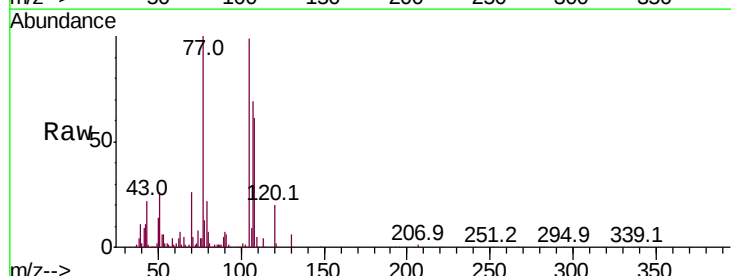
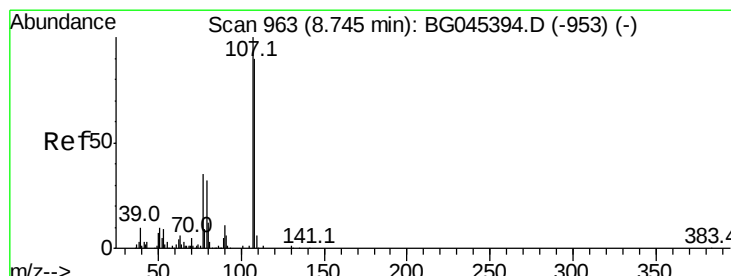
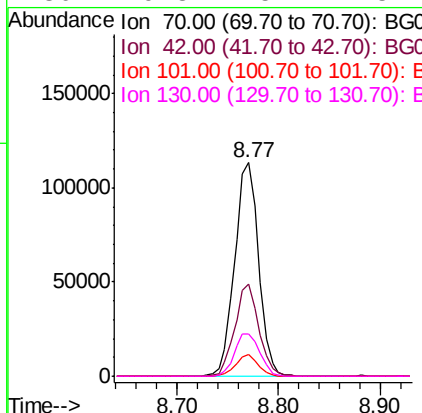




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.924 ng  
RT: 8.77 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

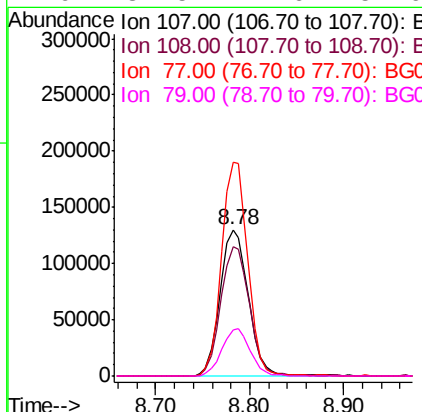
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

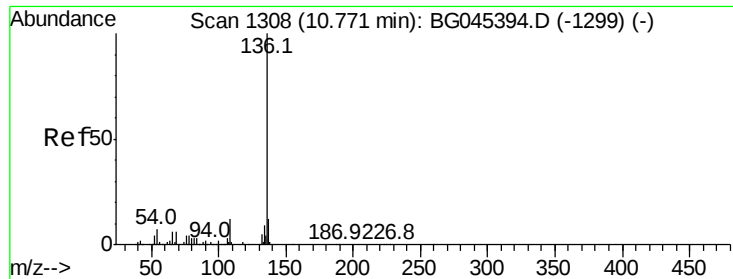
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 185333 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 43.0  | 33.2  | 49.8   |
| 101      | 10.1  | 7.8   | 11.6   |
| 130      | 19.8  | 15.4  | 23.2   |



#20  
3+4-Methylphenols  
Concen: 42.588 ng  
RT: 8.78 min Scan# 969  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 272972 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.6  | 70.3  | 110.3  |
| 77       | 145.9 | 15.4  | 55.4#  |
| 79       | 31.5  | 12.6  | 52.6   |

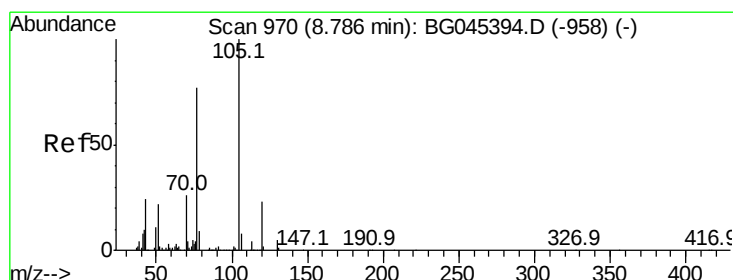
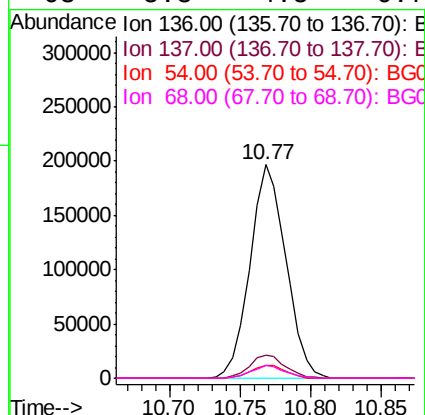
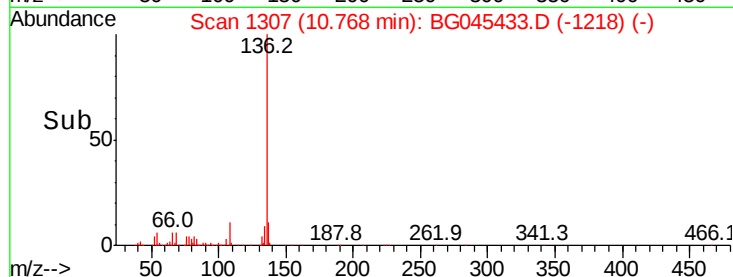
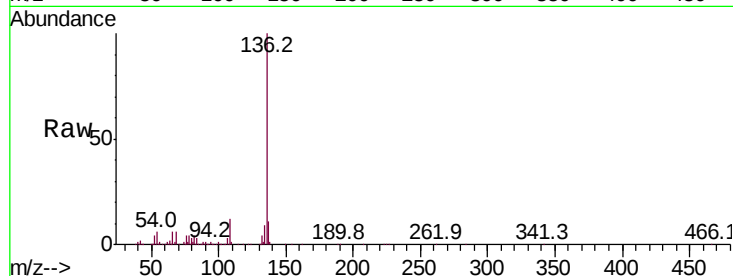




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.77 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

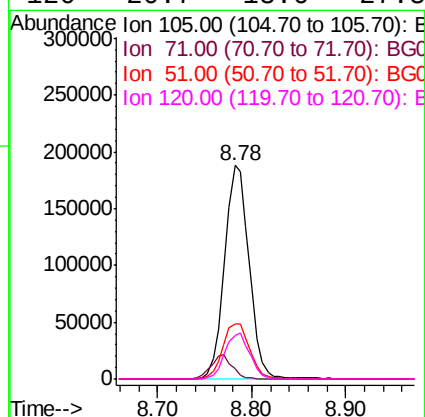
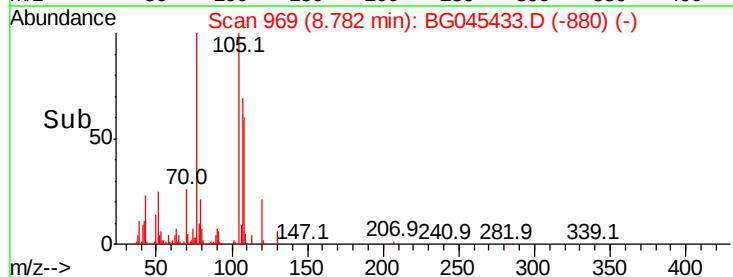
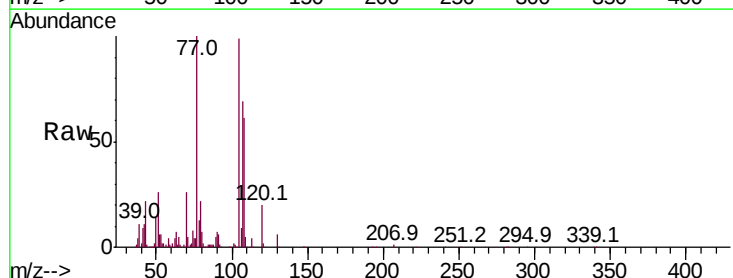
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

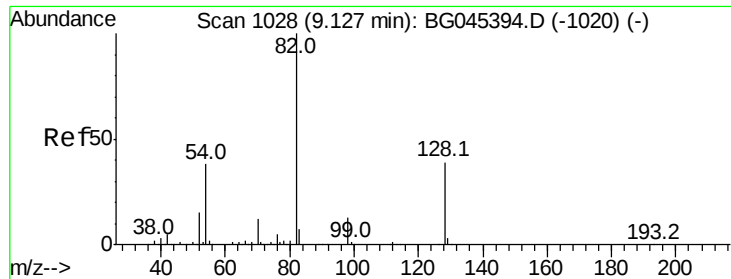
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 350421 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 10.6    | 9.4   | 14.2   |  |
| 54 6.3      | 5.8   | 8.6    |  |
| 68 5.8      | 4.5   | 6.7    |  |



#22  
Acetophenone  
Concen: 41.058 ng  
RT: 8.78 min Scan# 969  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 341002 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 5.0     | 3.4   | 5.0    |
| 51  | 25.8    | 18.2  | 27.2   |
| 120 | 20.7    | 18.6  | 27.8   |

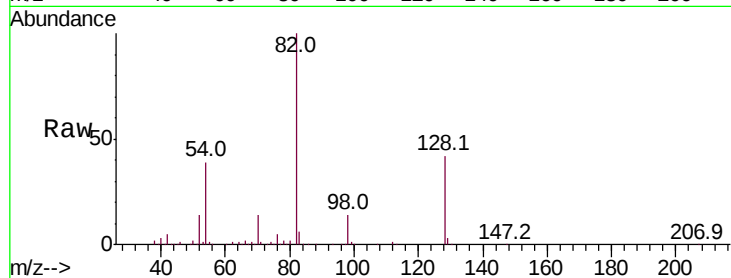




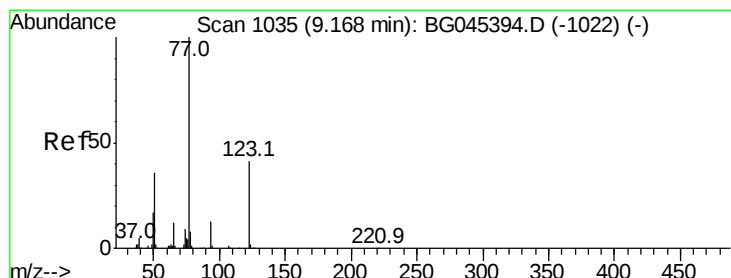
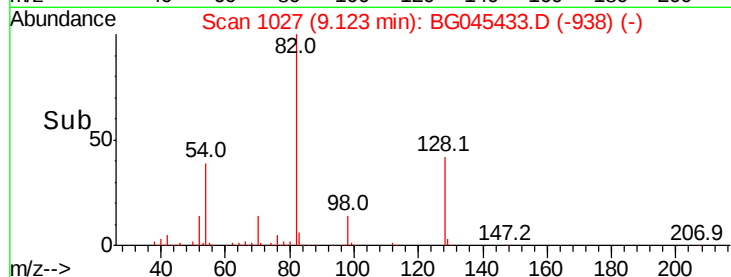
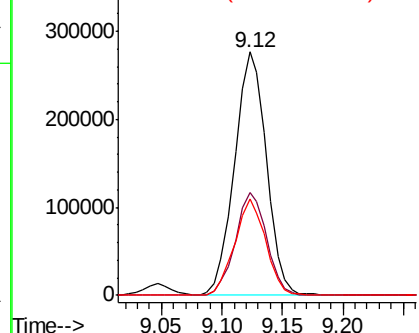
#23  
 Nitrobenzene-d5  
 Concen: 78.948 ng  
 RT: 9.12 min Scan# 1027  
 Delta R.T. -0.01 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion: 82 Resp: 507324  
 Ion Ratio Lower Upper  
 82 100  
 128 42.3 30.9 46.3  
 54 39.4 30.3 45.5

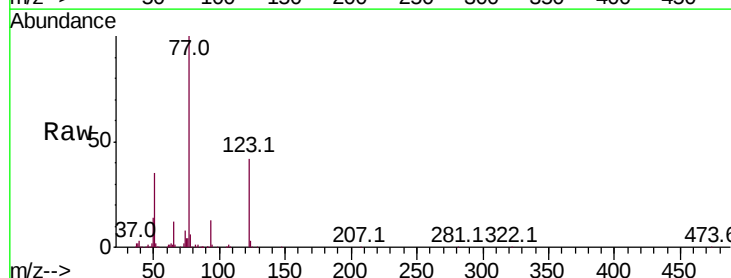


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

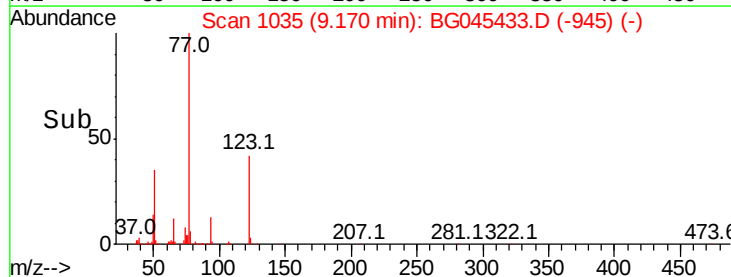
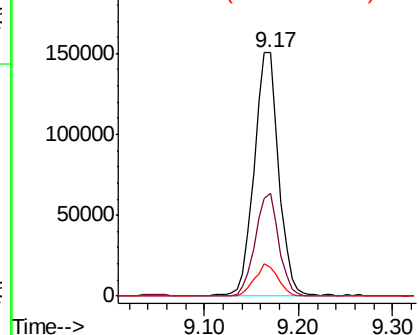


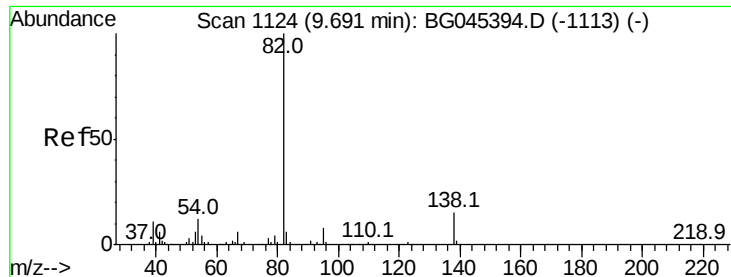
#24  
 Nitrobenzene  
 Concen: 39.367 ng  
 RT: 9.17 min Scan# 1035  
 Delta R.T. -0.00 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

Tgt Ion: 77 Resp: 271033  
 Ion Ratio Lower Upper  
 77 100  
 123 42.1 32.9 49.3  
 65 11.9 9.4 14.2



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

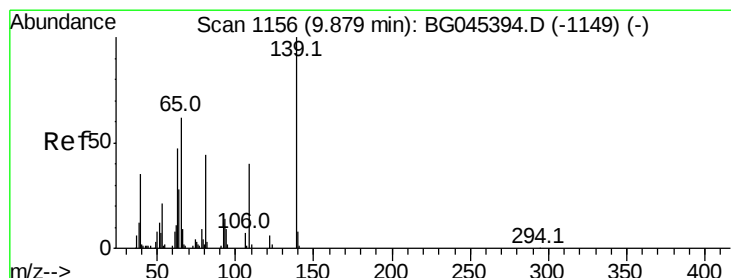
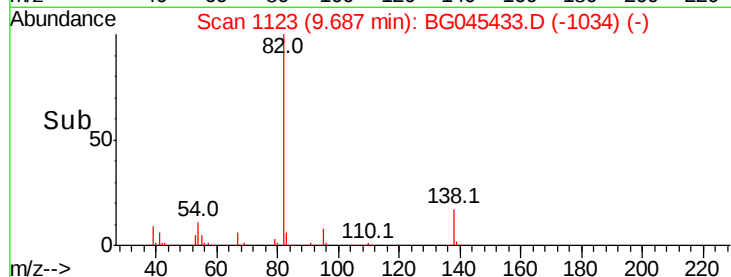
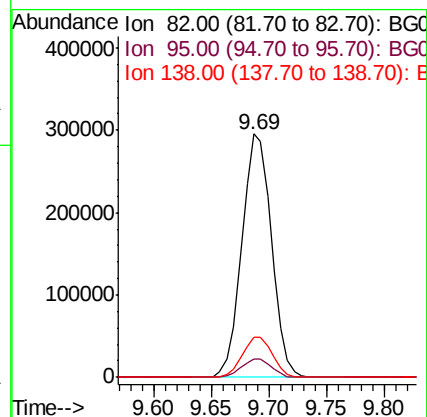
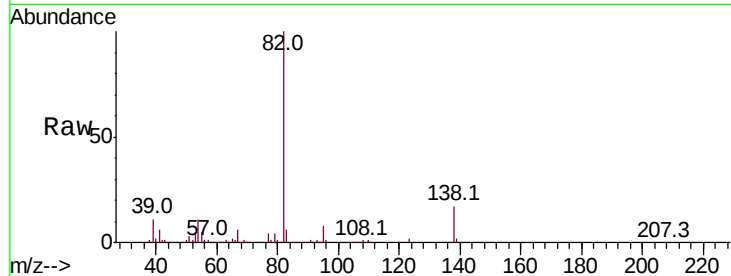




#25  
Isophorone  
Concen: 41.450 ng  
RT: 9.69 min Scan# 1123  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

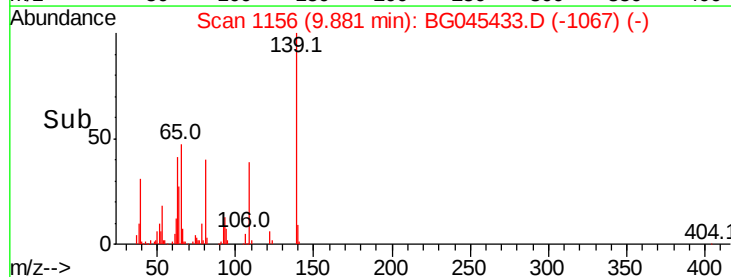
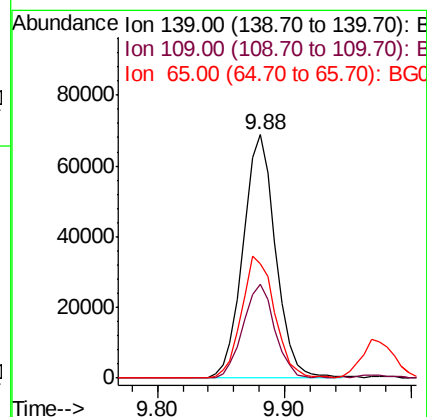
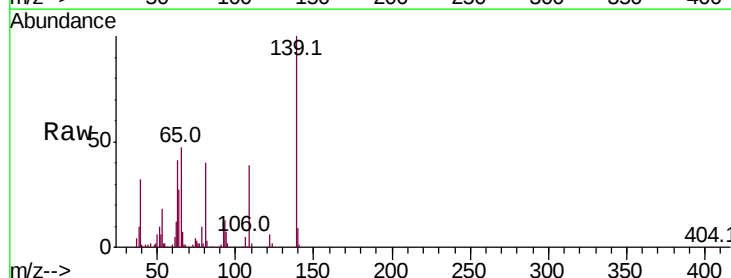
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

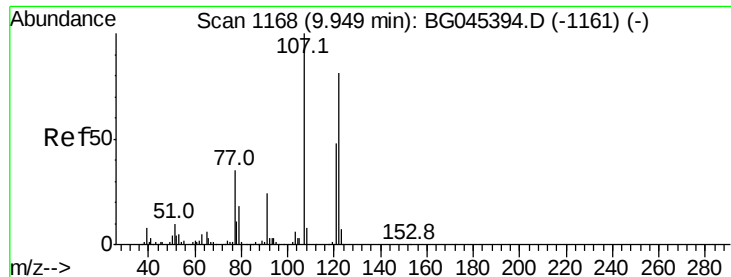
Tot Ion: 82 Resp: 524562  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.7 10.1  
138 16.6 12.2 18.4



#26  
2-Nitrophenol  
Concen: 41.618 ng  
RT: 9.88 min Scan# 1156  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

Tgt Ion: 139 Resp: 122574  
Ion Ratio Lower Upper  
139 100  
109 38.8 32.2 48.4  
65 46.9 49.6 74.4#

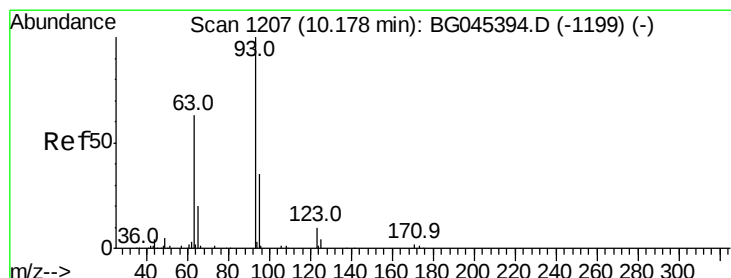
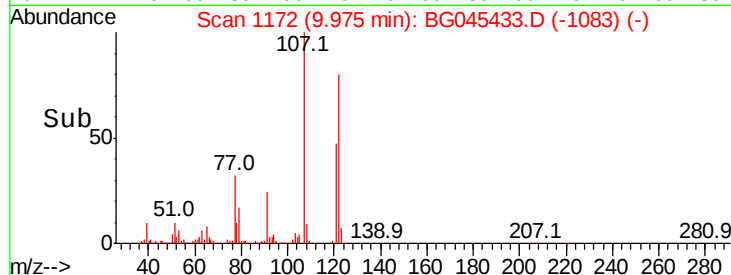
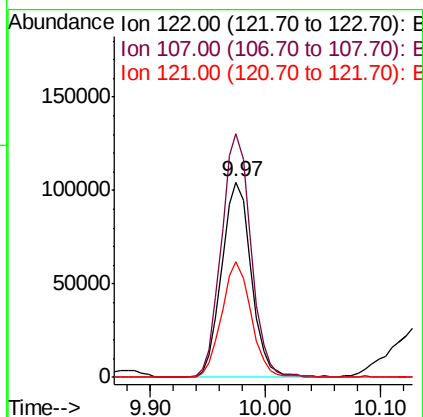
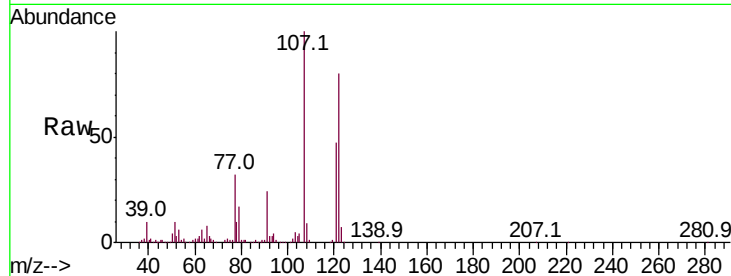




#27  
2,4-Dimethylphenol  
Concen: 42.654 ng  
RT: 9.97 min Scan# 1172  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

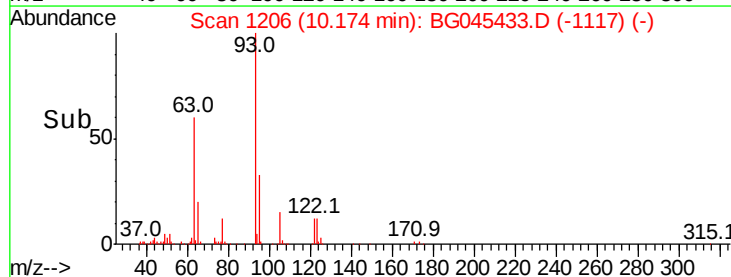
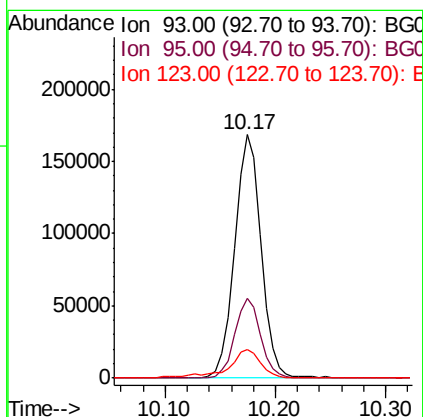
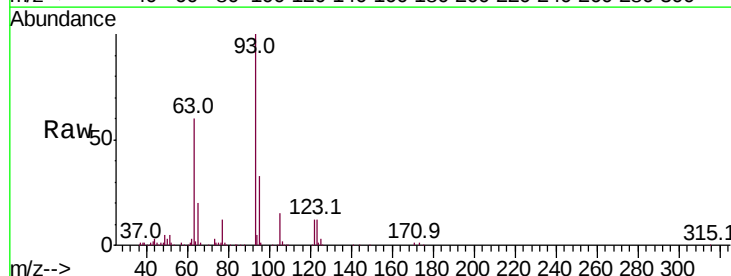
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

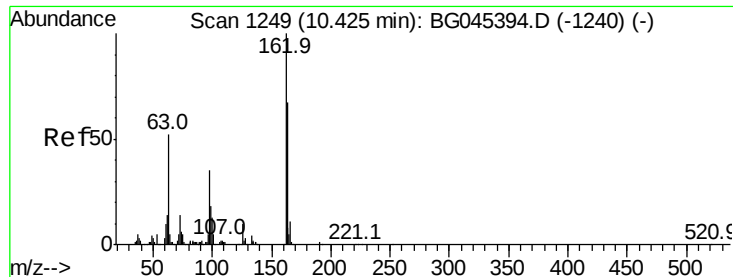
Tot Ion:122 Resp: 186321  
Ion Ratio Lower Upper  
122 100  
107 124.6 99.0 148.4  
121 59.0 47.7 71.5



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.610 ng  
RT: 10.17 min Scan# 1206  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

Tgt Ion: 93 Resp: 282797  
Ion Ratio Lower Upper  
93 100  
95 33.0 27.6 41.4  
123 11.9 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 41.754 ng

RT: 10.45 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

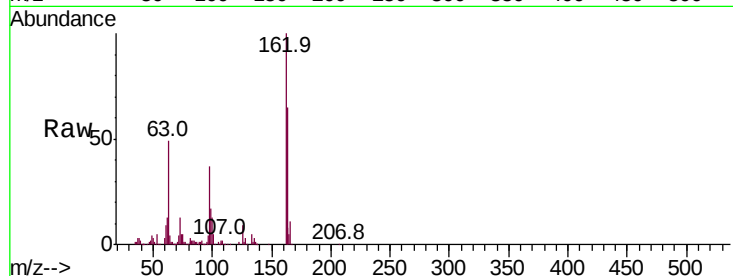
Tot Ion:162 Resp: 215379

Ion Ratio Lower Upper

162 100

164 65.2 46.8 86.8

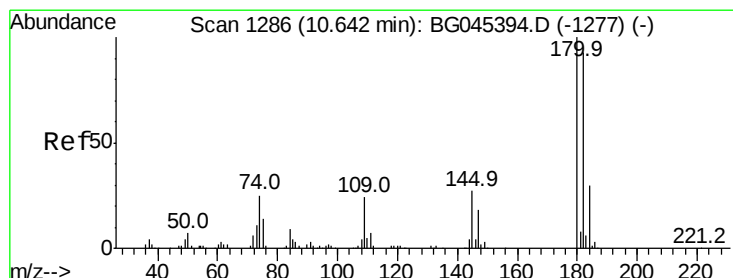
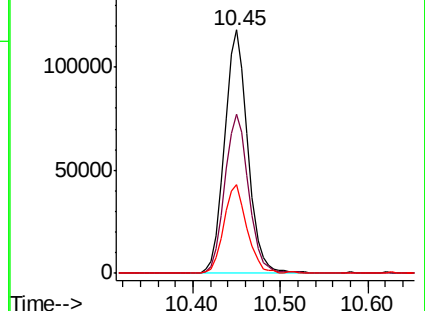
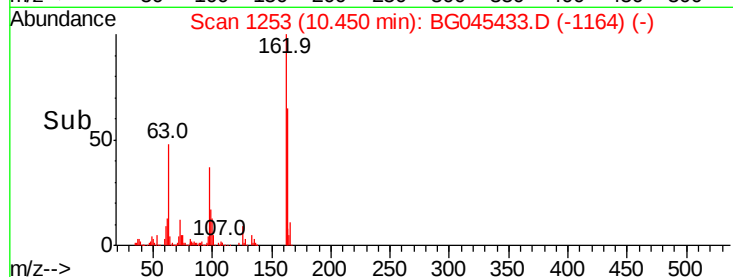
98 36.6 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.599 ng

RT: 10.63 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

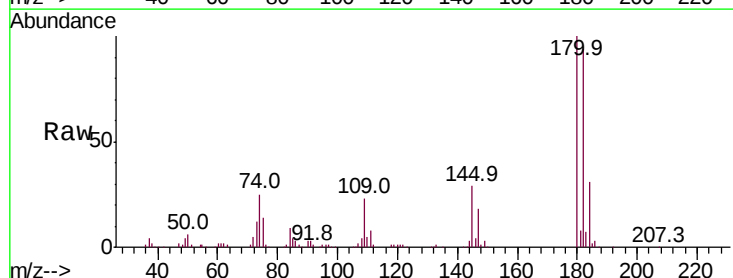
Tgt Ion:180 Resp: 247462

Ion Ratio Lower Upper

180 100

182 93.9 74.8 112.2

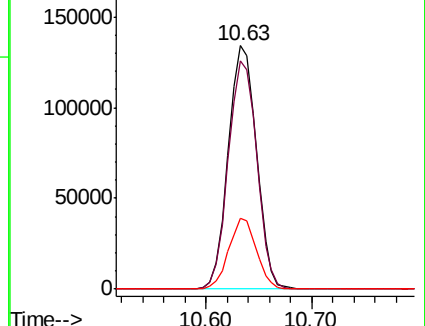
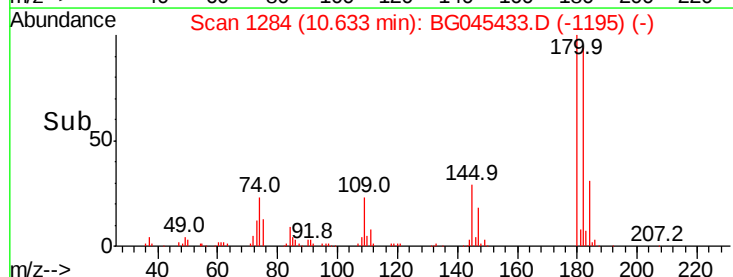
145 29.1 21.9 32.9

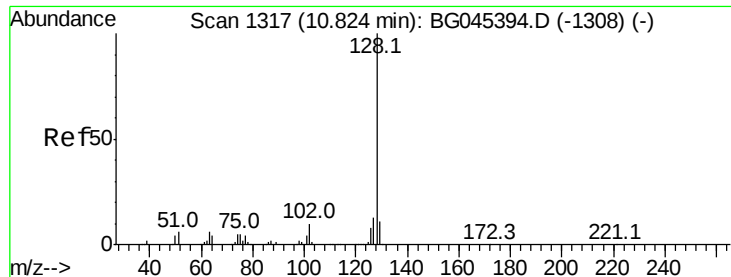


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.710 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

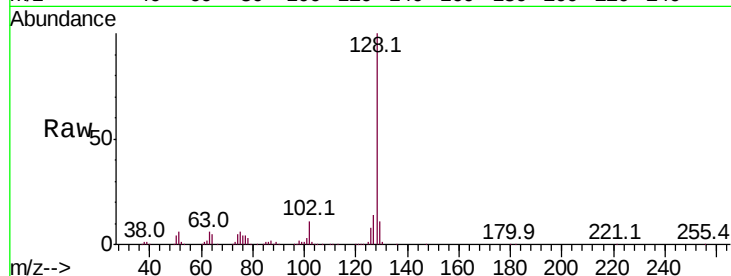
Tot Ion:128 Resp: 664765

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

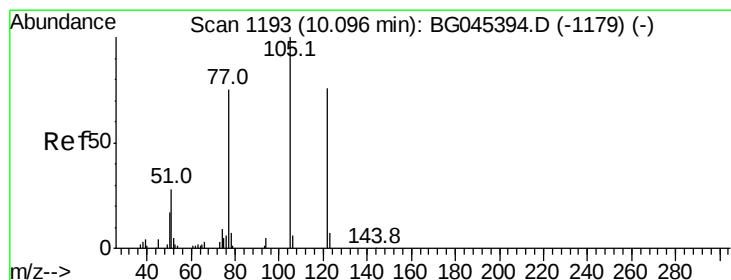
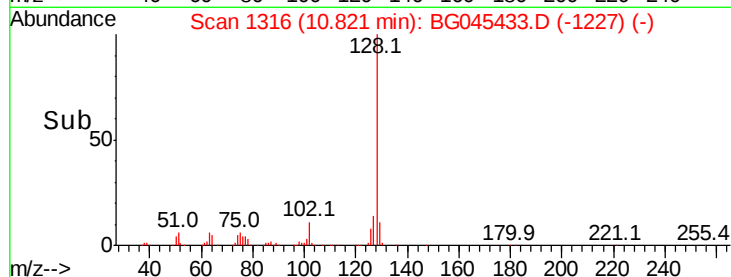
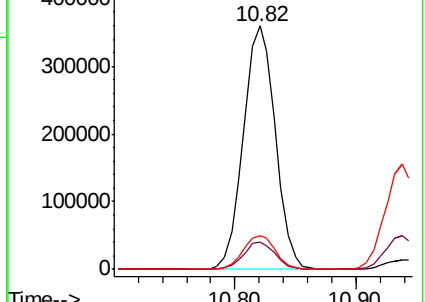
127 13.8 10.7 16.1



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: 50.259 ng

RT: 10.16 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

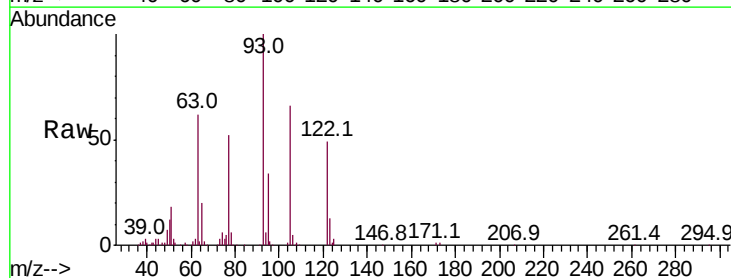
Tgt Ion:122 Resp: 151084

Ion Ratio Lower Upper

122 100

105 134.4 107.9 147.9

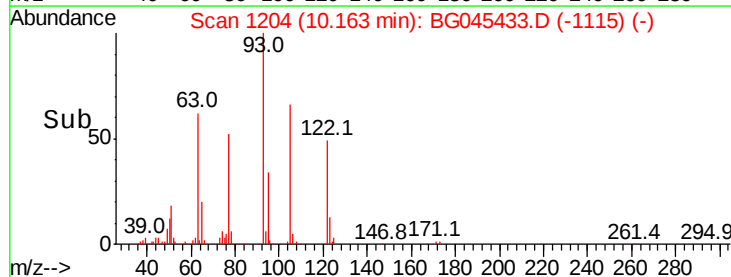
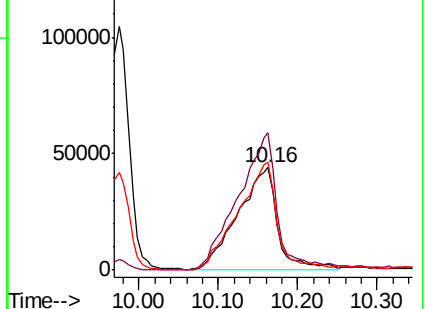
77 105.5 78.9 118.9

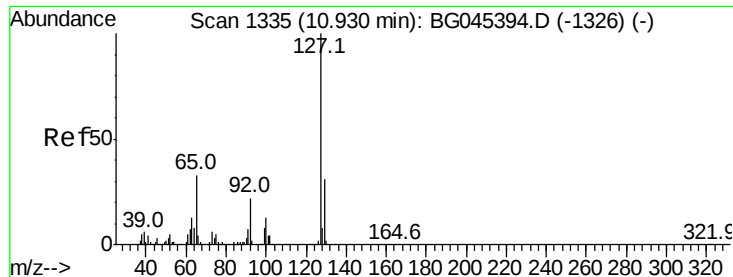


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

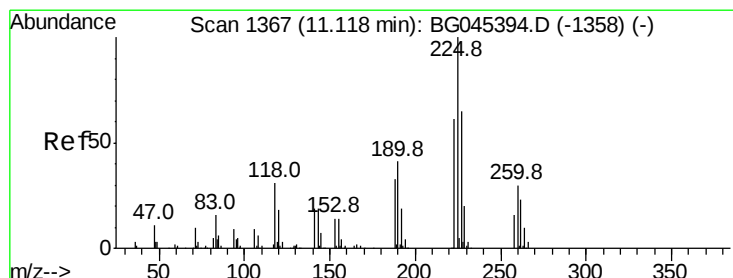
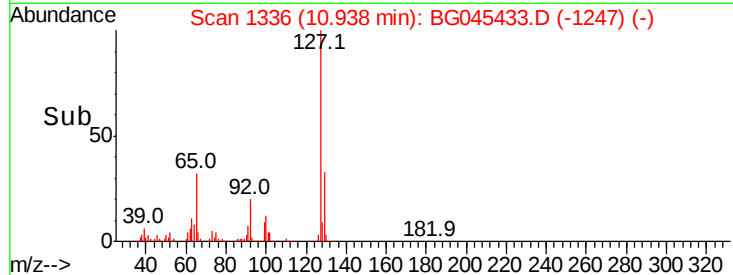
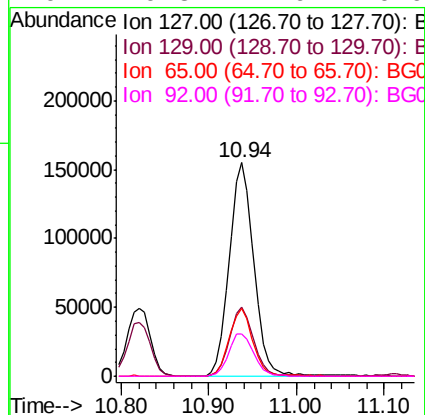
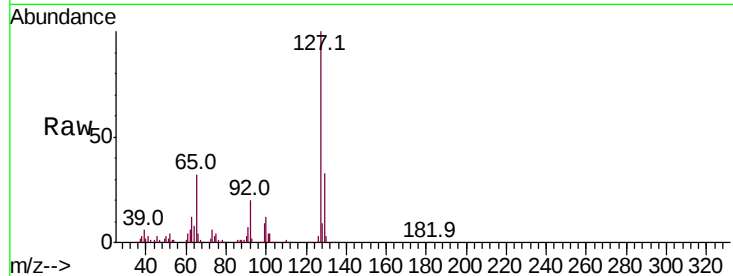




#33  
4-Chloroaniline  
Concen: 43.609 ng  
RT: 10.94 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

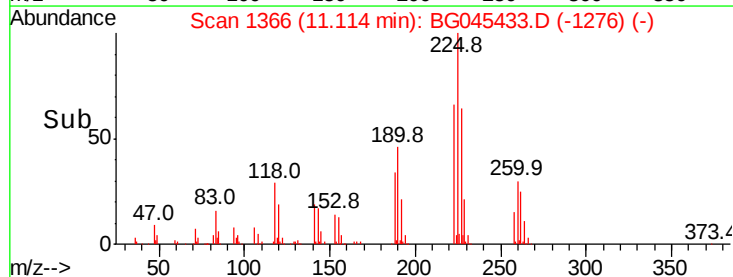
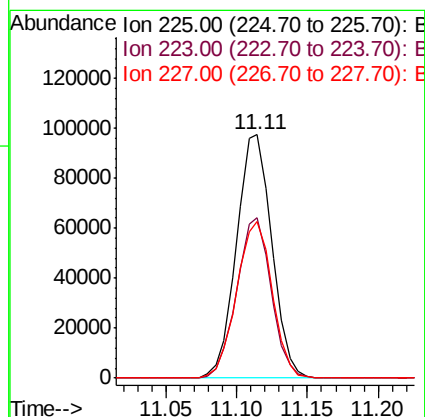
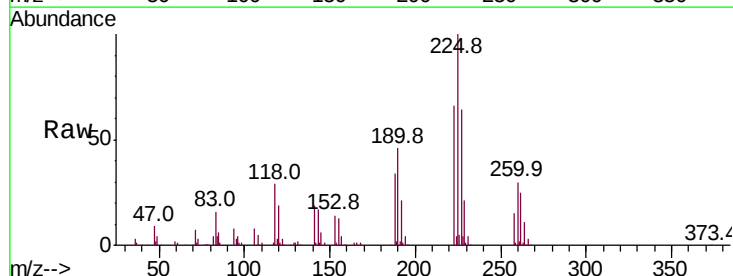
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

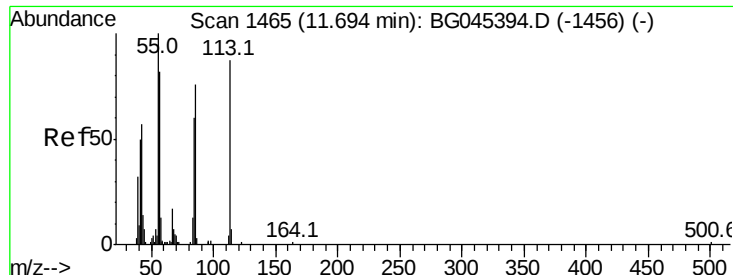
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 297663    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.6  | 24.7 37.1 |
| 65          | 31.7  | 26.2 39.2 |
| 92          | 19.8  | 17.9 26.9 |



#34  
Hexachlorobutadiene  
Concen: 39.501 ng  
RT: 11.11 min Scan# 1366  
Delta R.T. -0.00 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 170193    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 66.1  | 49.1 73.7 |
| 227         | 64.5  | 52.0 78.0 |





#35

Caprolactam

Concen: 42.429 ng

RT: 11.71 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

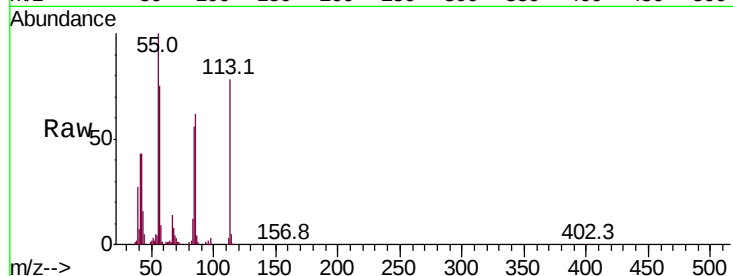
Tot Ion:113 Resp: 80334

Ion Ratio Lower Upper

113 100

55 128.0 96.0 136.0

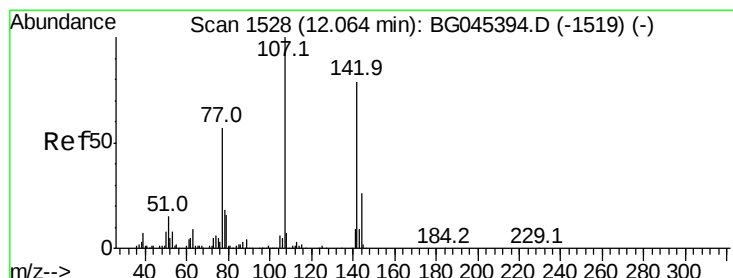
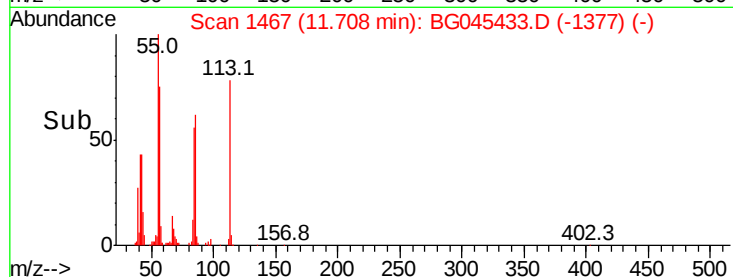
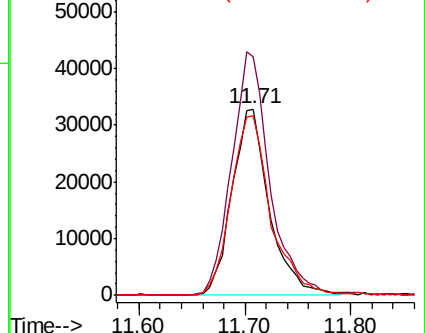
56 96.4 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.939 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

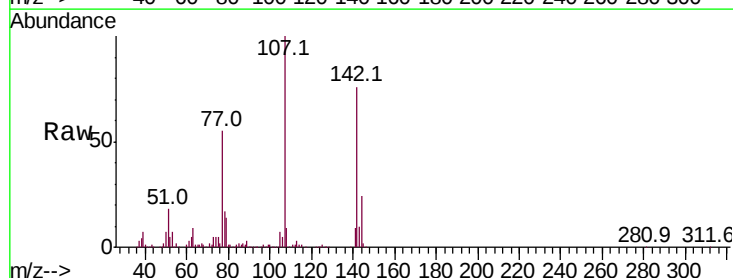
Tgt Ion:107 Resp: 249586

Ion Ratio Lower Upper

107 100

144 23.6 20.8 31.2

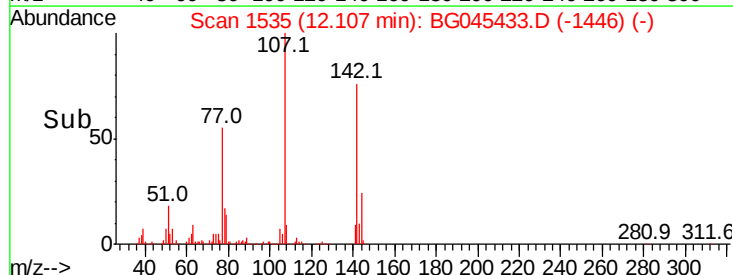
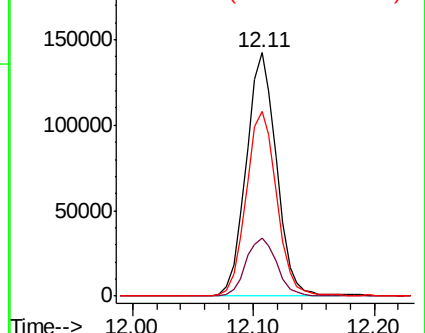
142 76.0 62.8 94.2

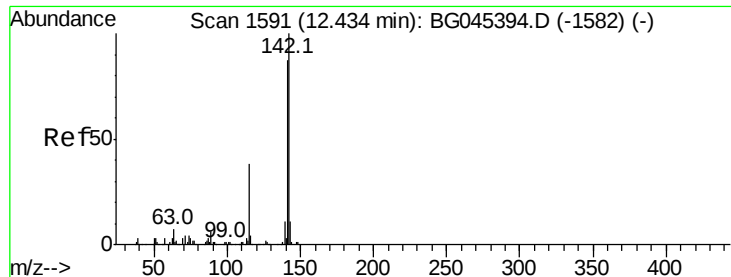


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.614 ng

RT: 12.43 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

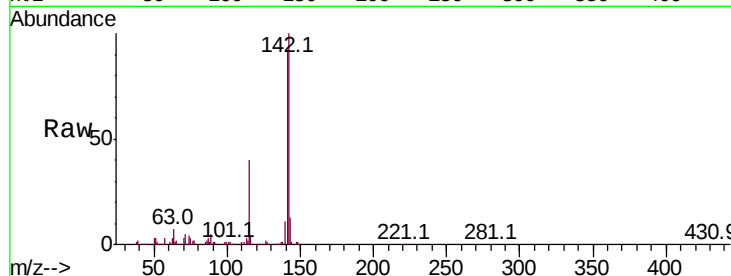
Tot Ion:142 Resp: 506476

Ion Ratio Lower Upper

142 100

141 92.3 70.0 105.0

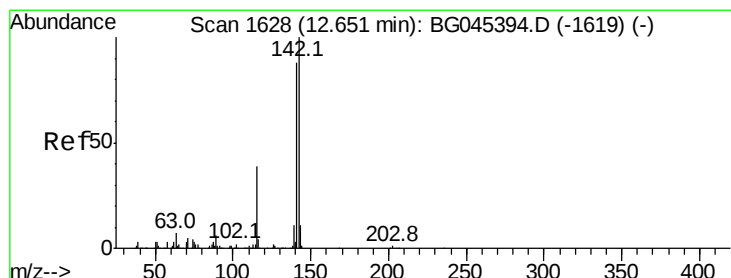
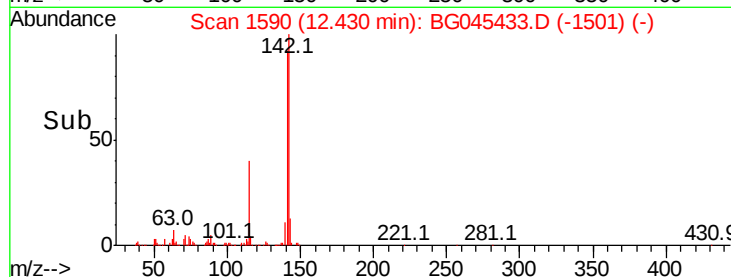
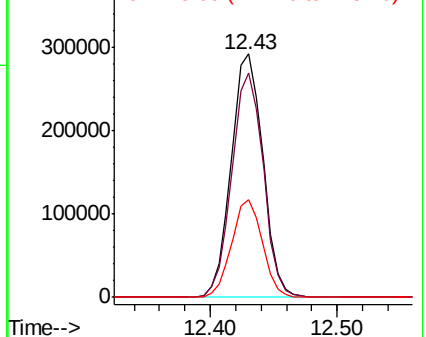
115 40.0 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.276 ng

RT: 12.65 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

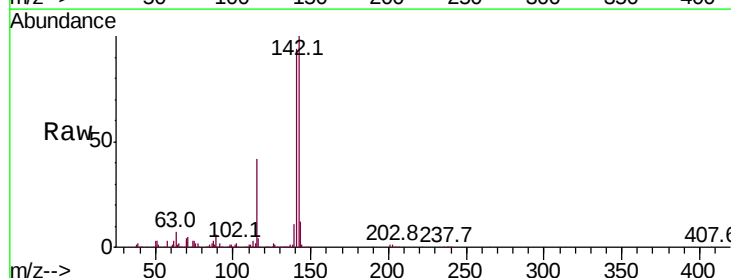
Tgt Ion:142 Resp: 474544

Ion Ratio Lower Upper

142 100

141 94.0 70.8 106.2

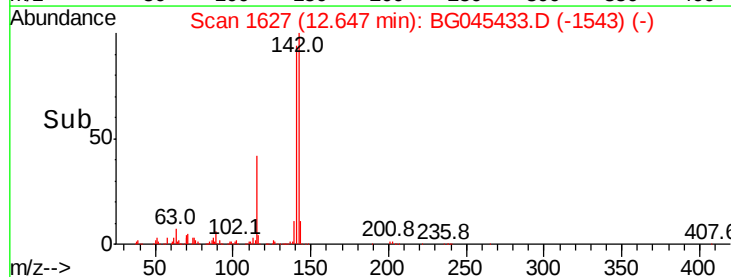
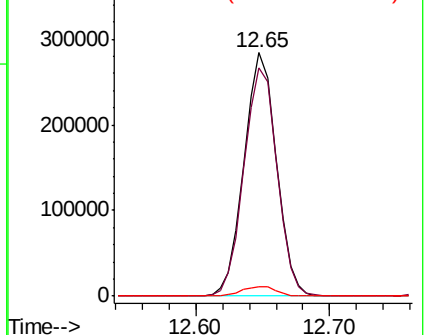
116 3.9 3.0 4.6

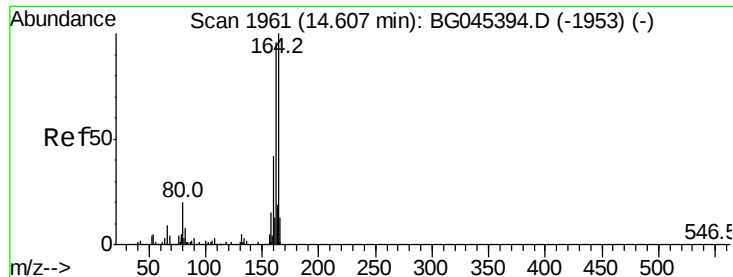


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

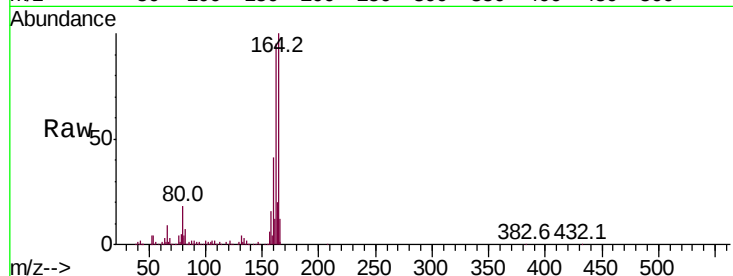
Tot Ion:164 Resp: 265307

Ion Ratio Lower Upper

164 100

162 95.2 76.9 115.3

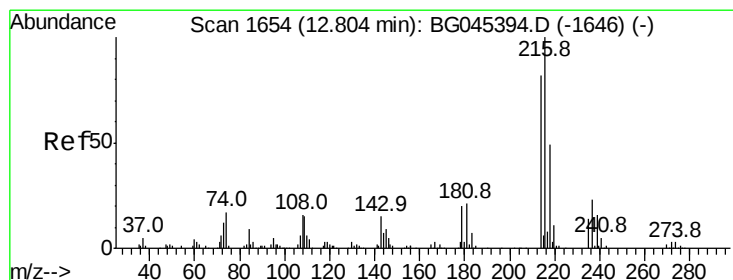
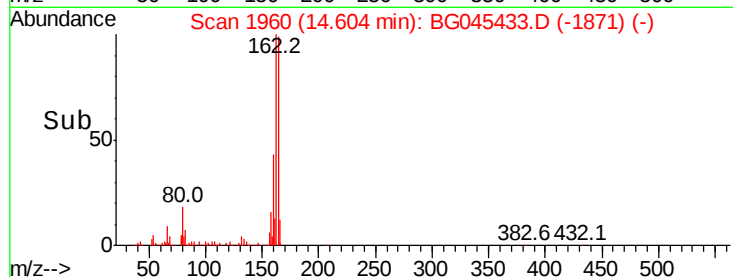
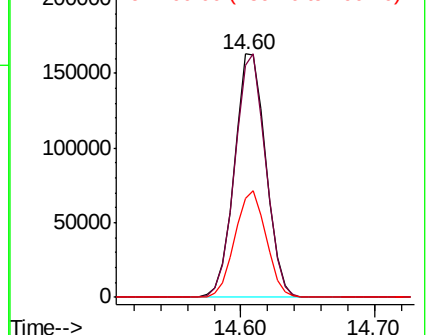
160 40.9 33.8 50.8



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: 37.758 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:216 Resp: 279806

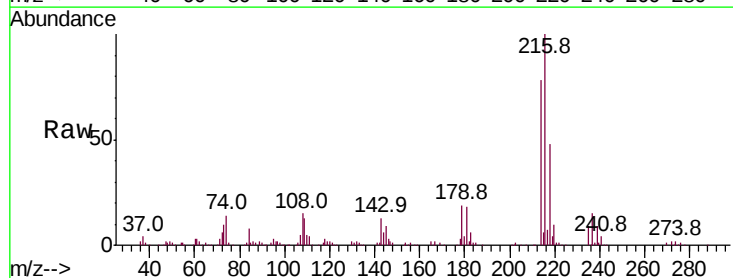
Ion Ratio Lower Upper

216 100

214 79.9 63.7 95.5

179 20.3 16.1 24.1

108 17.6 13.8 20.6

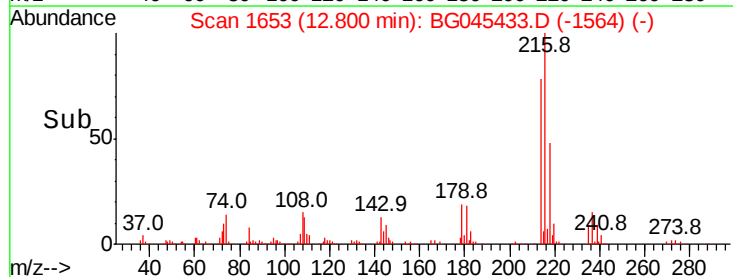
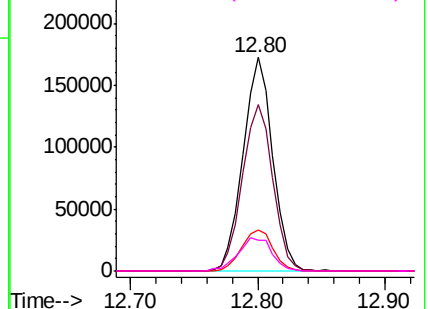


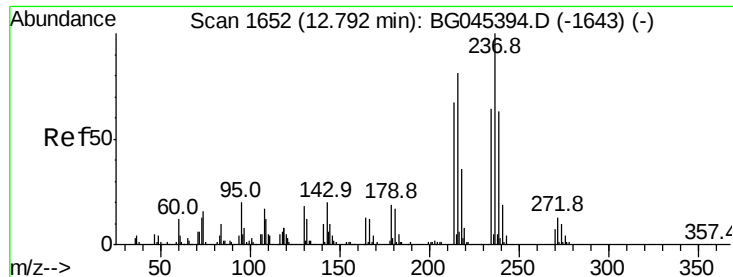
Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.470 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

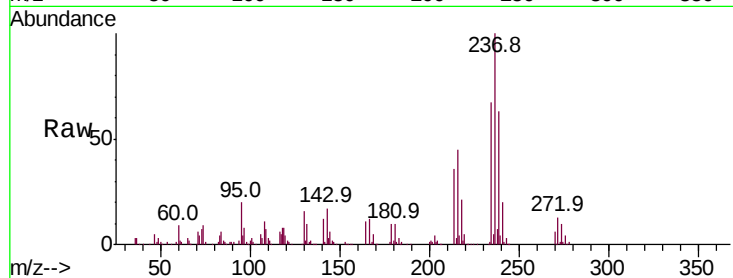
Tot Ion:237 Resp: 164542

Ion Ratio Lower Upper

237 100

235 66.9 44.4 84.4

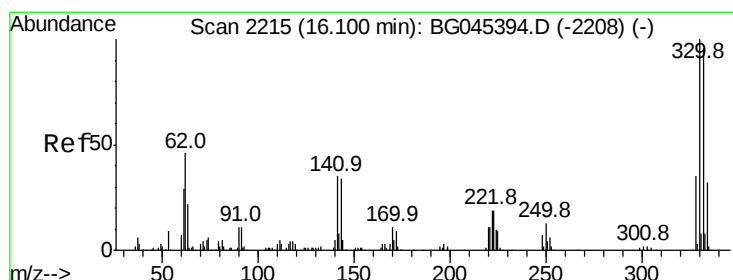
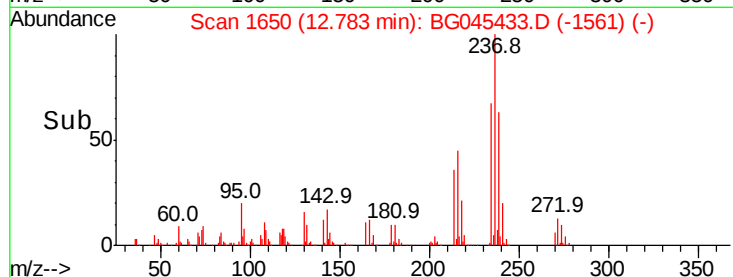
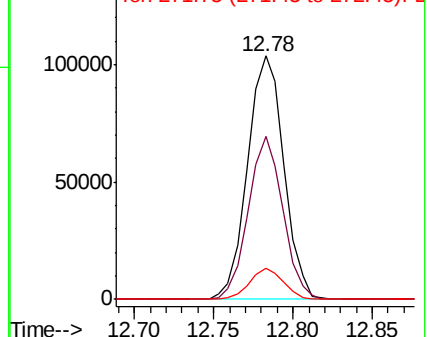
272 13.0 0.0 32.5



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: 78.686 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

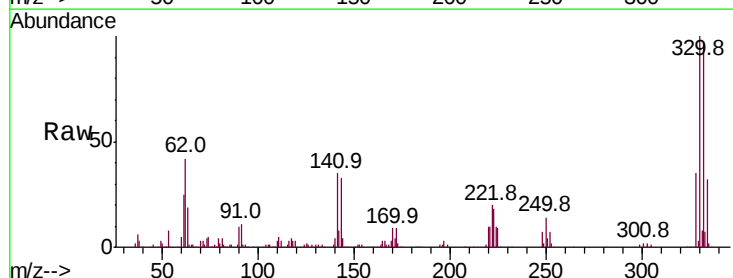
Tgt Ion:330 Resp: 266980

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

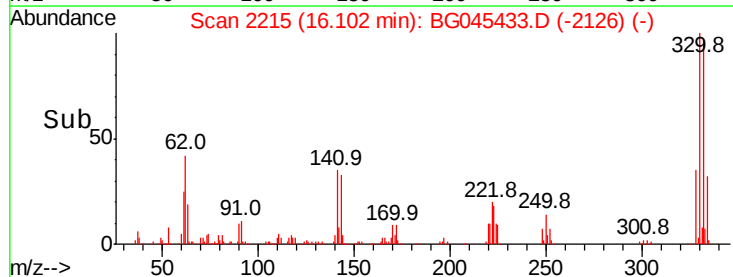
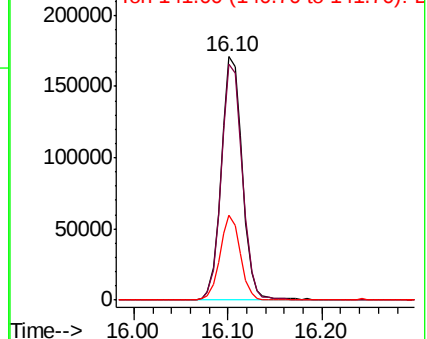
141 33.8 28.2 42.4

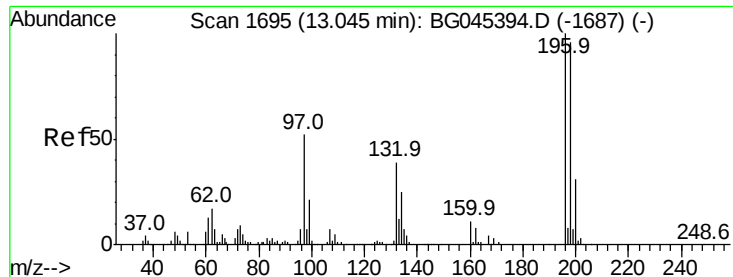


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

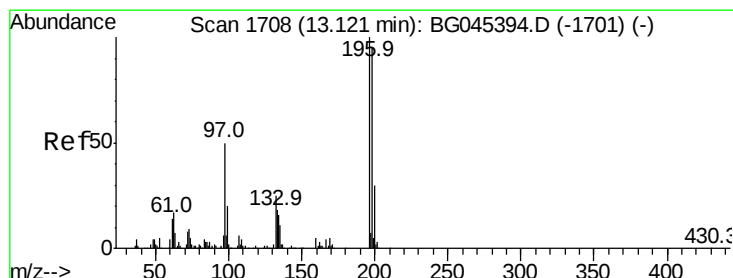
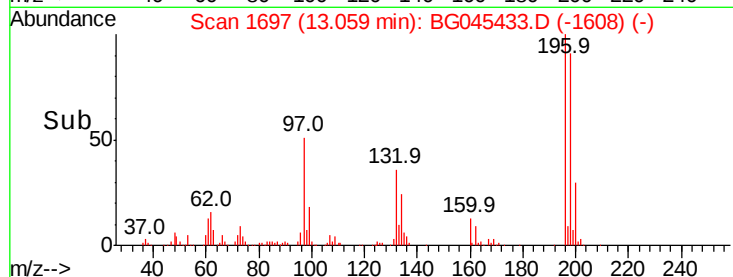
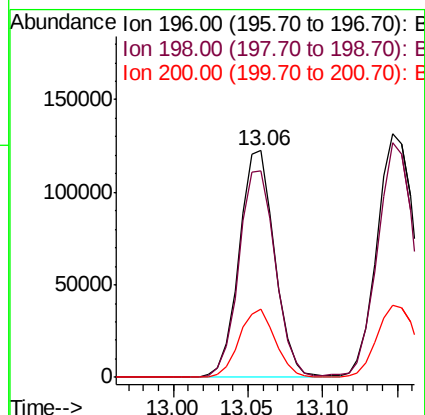
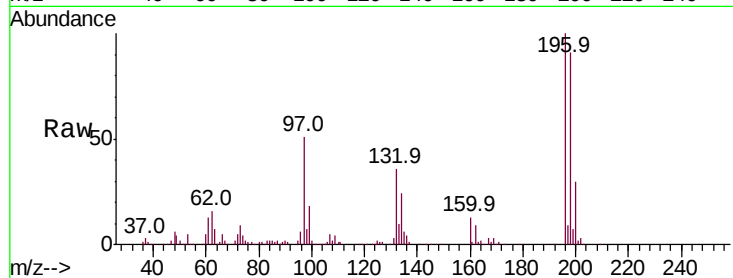




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.436 ng  
 RT: 13.06 min Scan# 1697  
 Delta R.T. -0.01 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

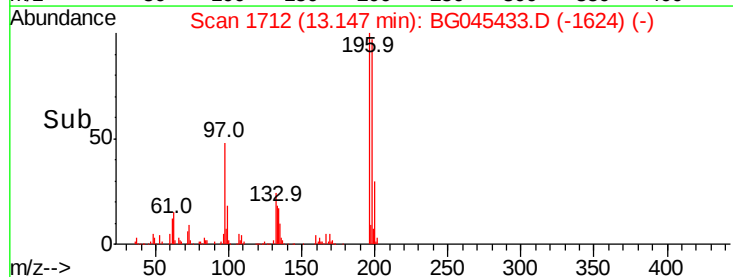
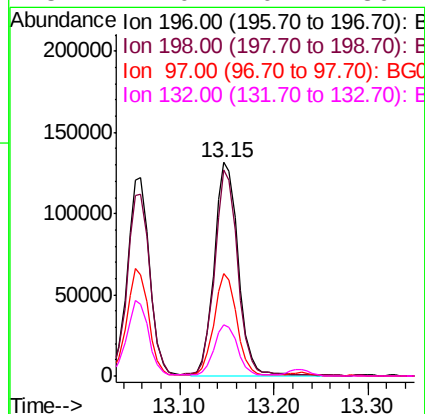
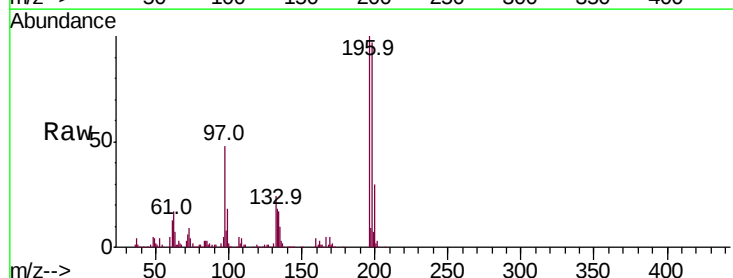
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

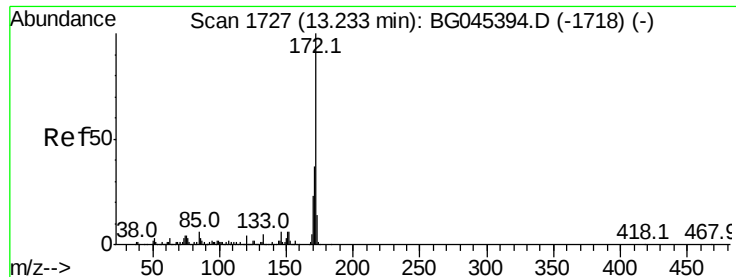
Tot Ion:196 Resp: 203004  
 Ion Ratio Lower Upper  
 196 100  
 198 91.4 76.7 115.1  
 200 30.3 24.9 37.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.907 ng  
 RT: 13.15 min Scan# 1712  
 Delta R.T. -0.01 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

Tgt Ion:196 Resp: 234755  
 Ion Ratio Lower Upper  
 196 100  
 198 96.6 76.1 114.1  
 97 48.2 40.0 60.0  
 132 24.0 20.2 30.2



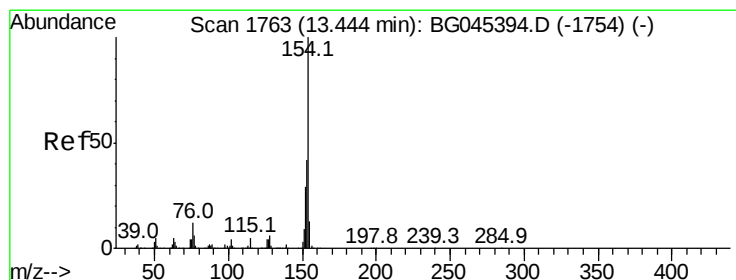
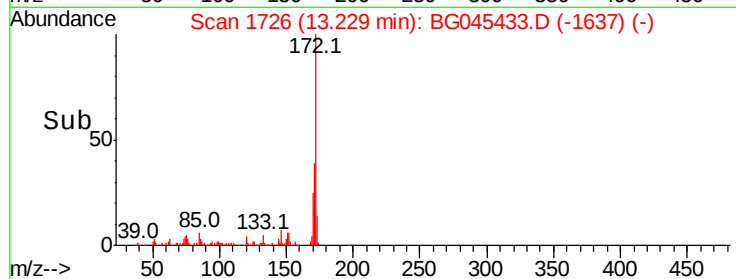
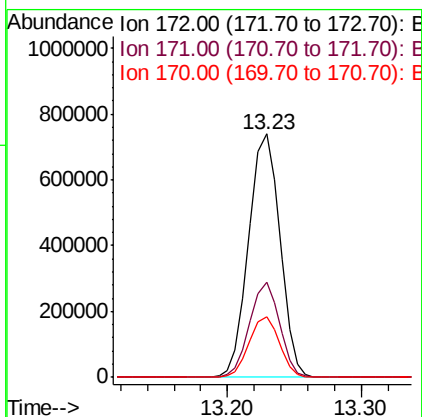
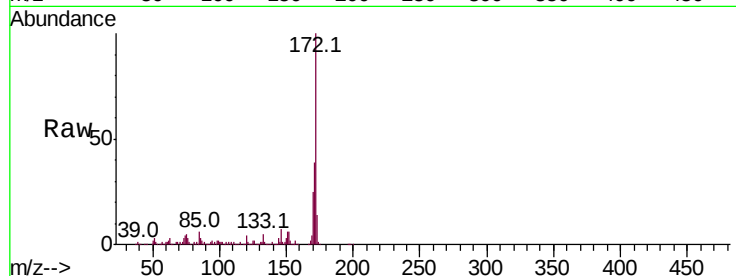


#45  
2-Fluorobiphenyl  
Concen: 76.692 ng  
RT: 13.23 min Scan# 1726  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:172 Resp: 1199562

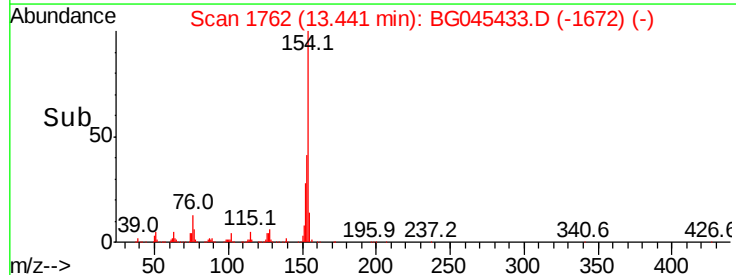
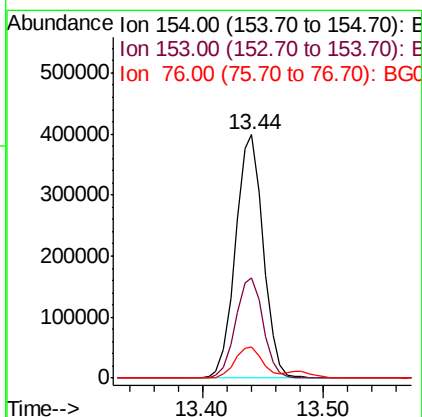
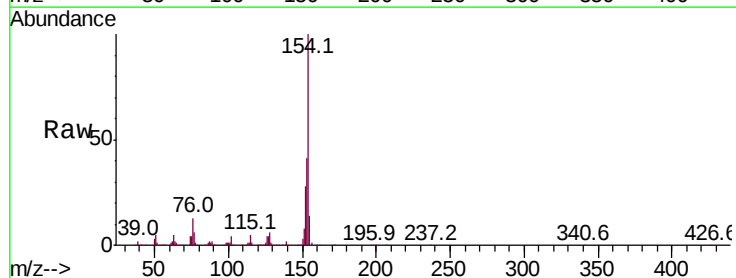
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 39.2  | 29.5  | 44.3  |
| 170 | 24.8  | 18.5  | 27.7  |

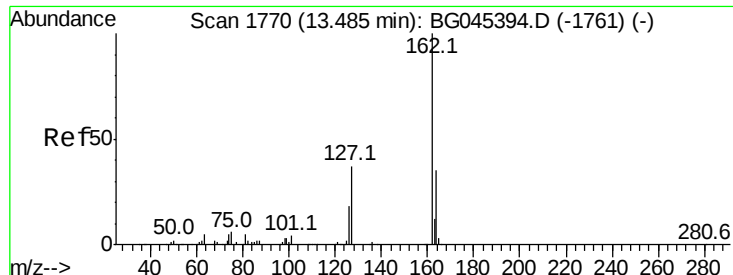


#46  
1,1'-Biphenyl  
Concen: 39.016 ng  
RT: 13.44 min Scan# 1762  
Delta R.T. -0.00 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

Tgt Ion:154 Resp: 636033

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.4  | 22.2  | 62.2  |
| 76  | 12.6  | 0.0   | 32.4  |





#47

2-Chloronaphthalene

Concen: 39.146 ng

RT: 13.48 min Scan# 1769

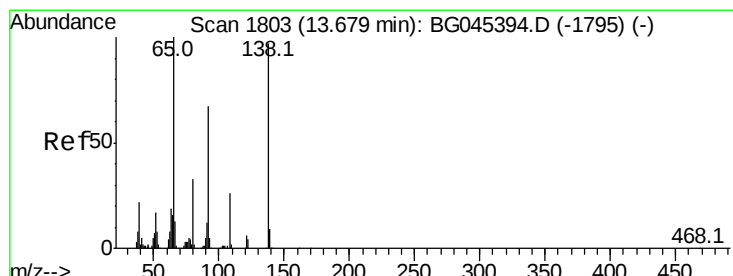
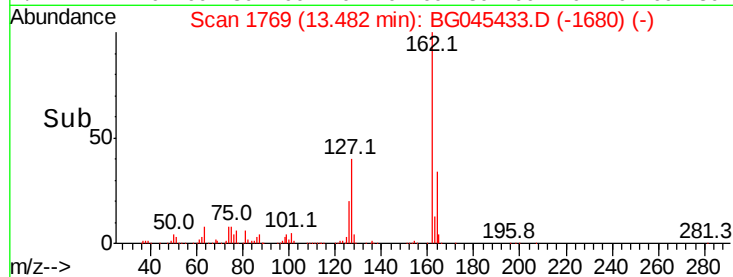
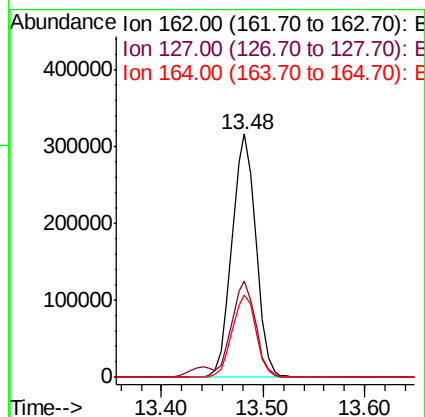
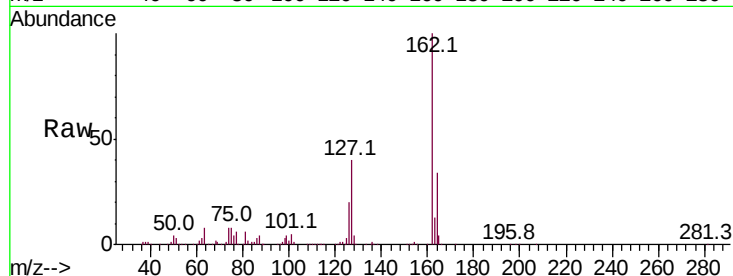
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.7  | 31.6  | 47.4  |
| 164     | 33.6  | 28.1  | 42.1  |



#48

2-Nitroaniline

Concen: 38.877 ng

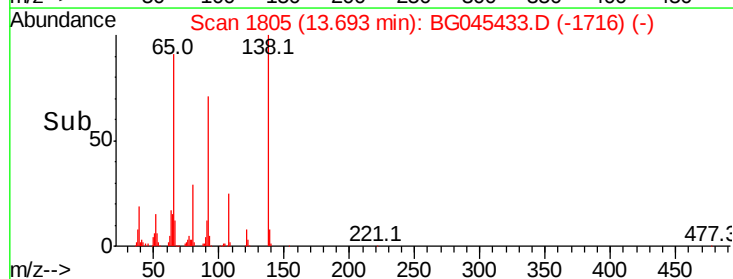
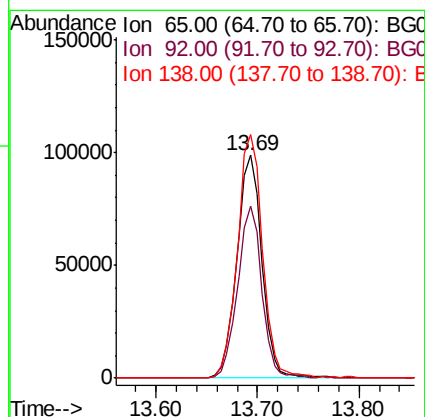
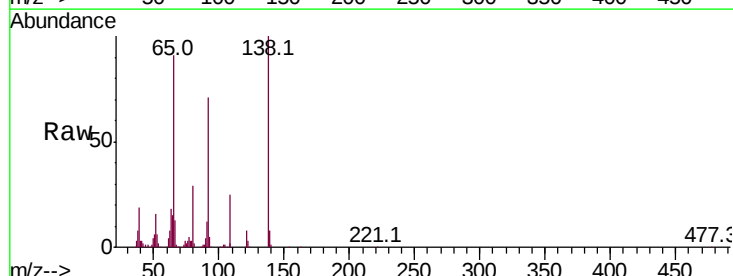
RT: 13.69 min Scan# 1805

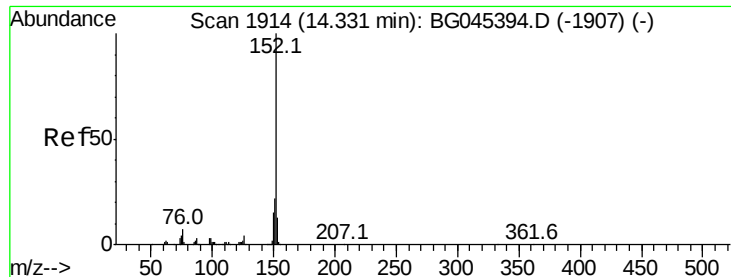
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 77.3  | 53.8  | 80.8  |
| 138     | 109.3 | 77.9  | 116.9 |





#49

Acenaphthylene

Concen: 39.430 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

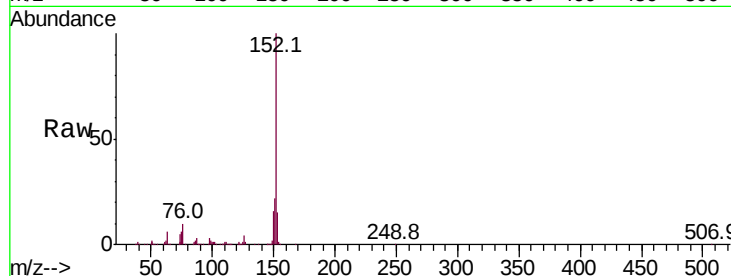
Tot Ion:152 Resp: 838416

Ion Ratio Lower Upper

152 100

151 22.1 17.4 26.2

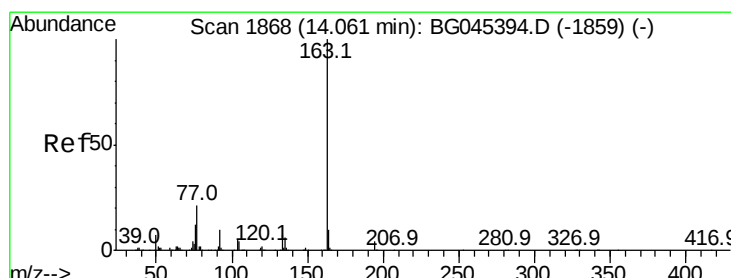
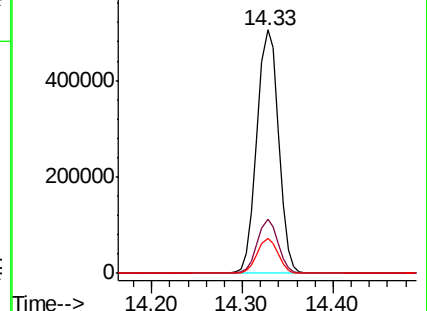
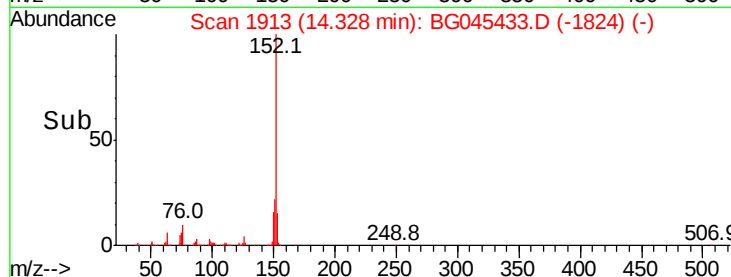
153 14.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.394 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

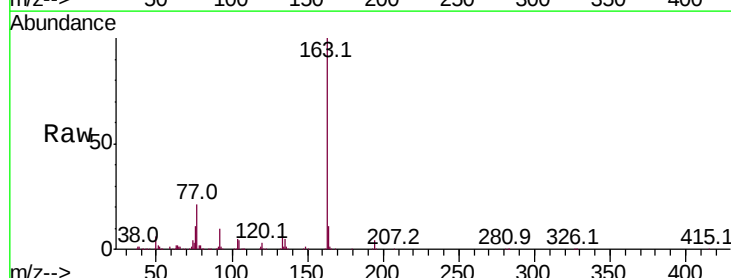
Tgt Ion:163 Resp: 716963

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

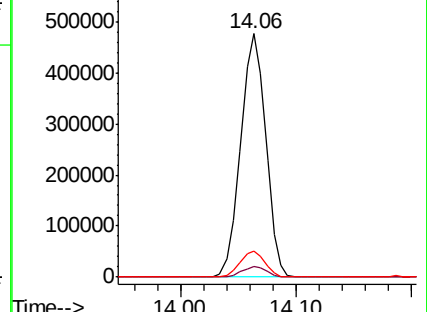
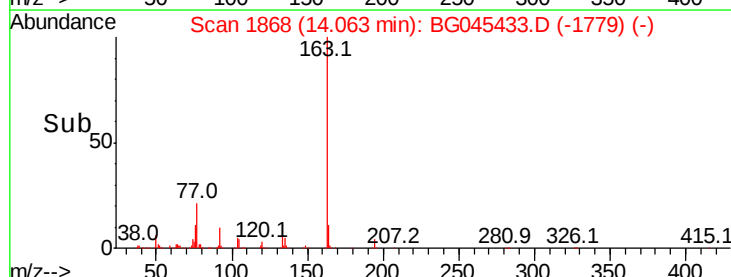
164 10.8 8.3 12.5

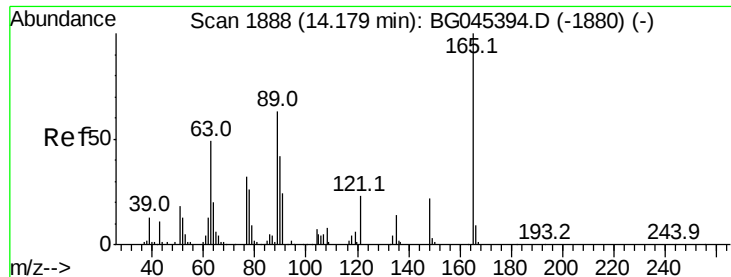


Abundance Ion 163.00 (162.70 to 163.70): E

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: 14.18 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

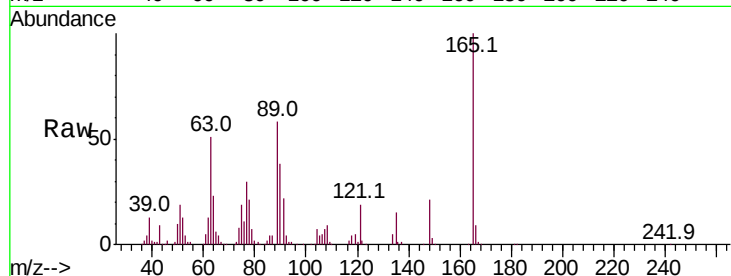
Tot Ion:165 Resp: 163089

Ion Ratio Lower Upper

165 100

63 50.7 45.0 67.4

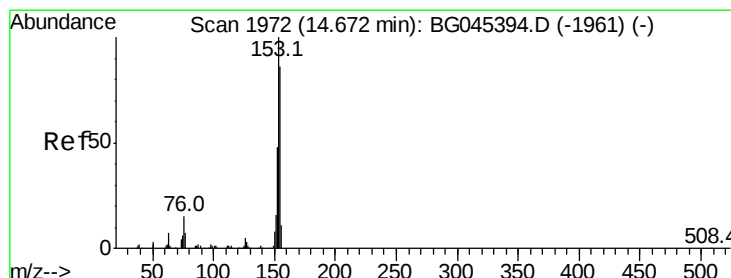
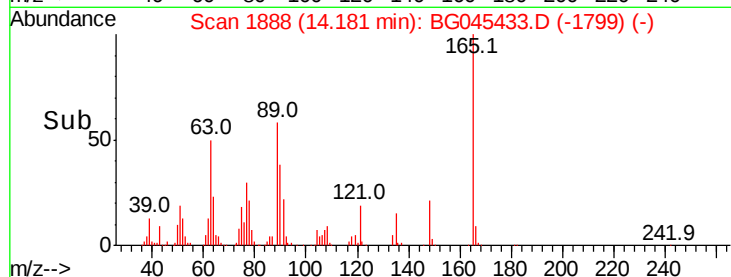
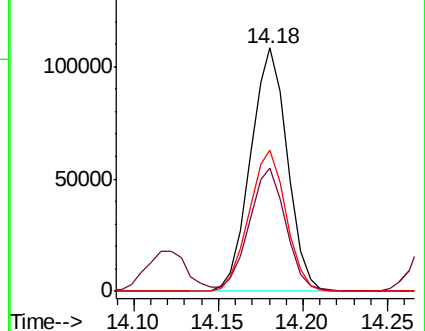
89 58.1 50.2 75.4



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



#52

Acenaphthene

Concen: 35.186 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

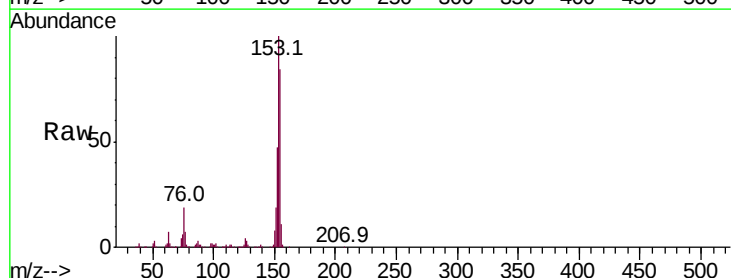
Tgt Ion:154 Resp: 500811

Ion Ratio Lower Upper

154 100

153 118.4 92.8 139.2

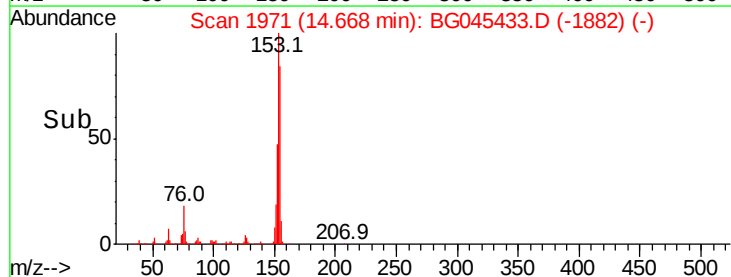
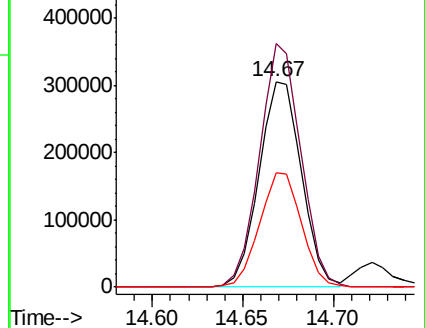
152 55.9 44.6 66.8

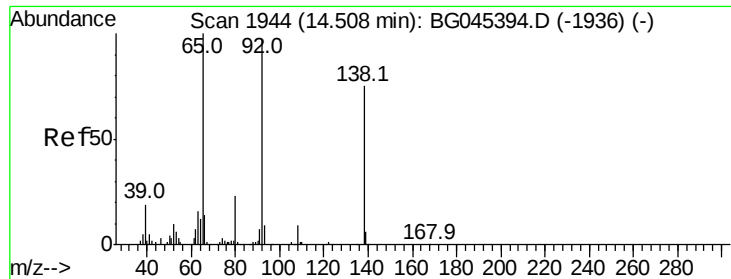


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

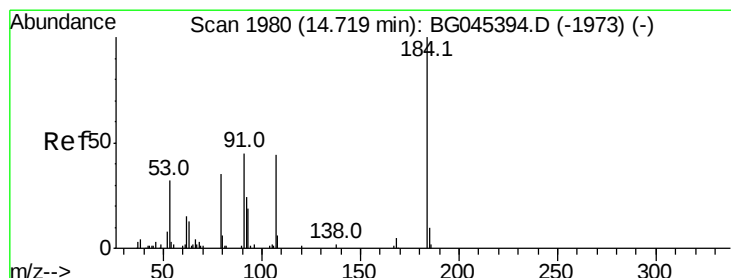
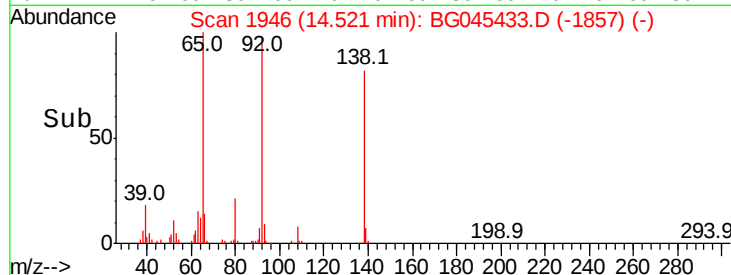
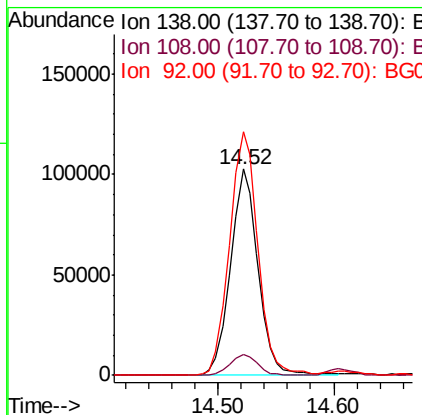
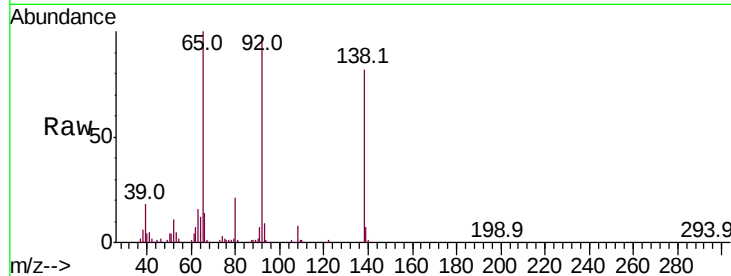




#53  
3-Nitroaniline  
Concen: 40.579 ng  
RT: 14.52 min Scan# 1946  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

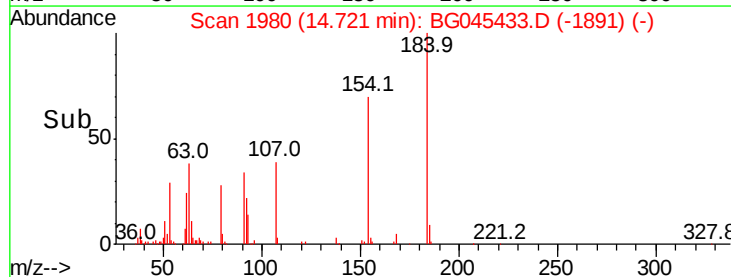
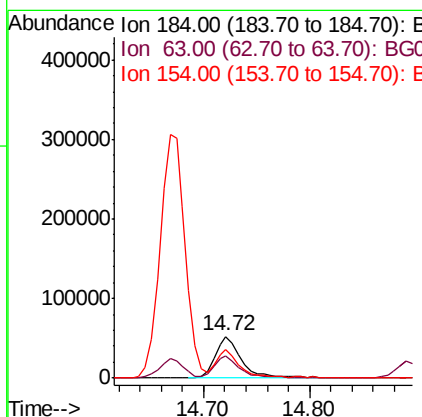
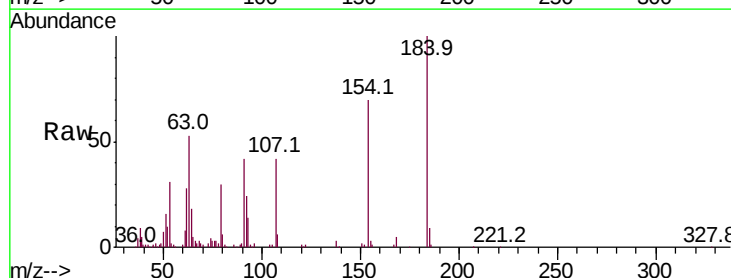
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

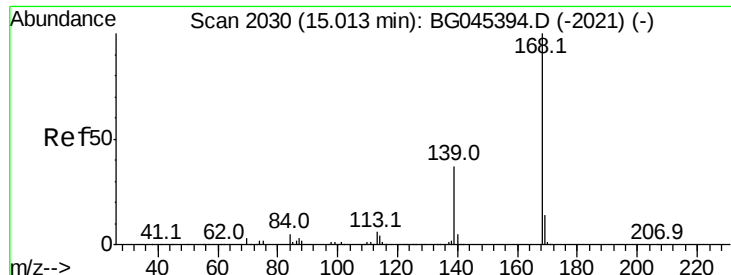
Tot Ion:138 Resp: 169406  
Ion Ratio Lower Upper  
138 100  
108 10.2 9.8 14.6  
92 118.3 103.0 154.4



#54  
2,4-Dinitrophenol  
Concen: 36.736 ng  
RT: 14.72 min Scan# 1980  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

Tgt Ion:184 Resp: 90306  
Ion Ratio Lower Upper  
184 100  
63 52.5 47.8 71.6  
154 70.0 58.3 87.5





#55

Dibenzofuran

Concen: 39.419 ng

RT: 15.01 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

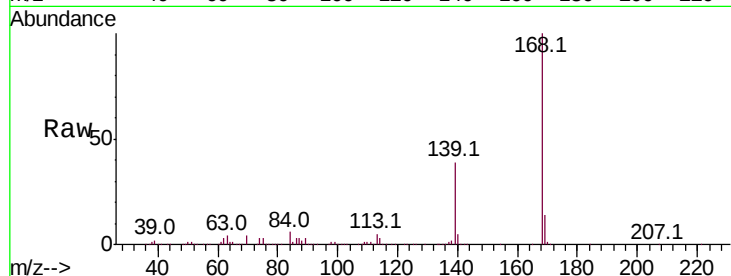
Tot Ion:168 Resp: 833171

Ion Ratio Lower Upper

168 100

139 38.9 29.9 44.9

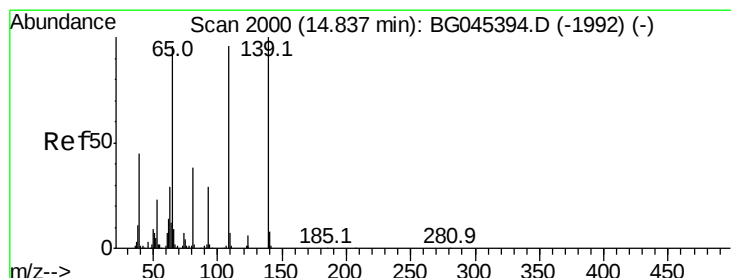
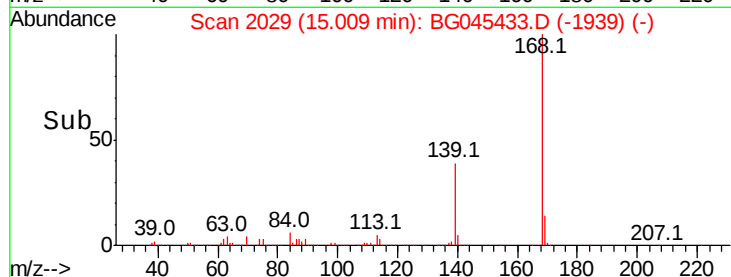
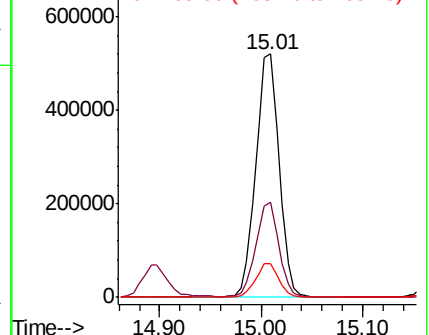
169 13.7 10.9 16.3



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: 39.559 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

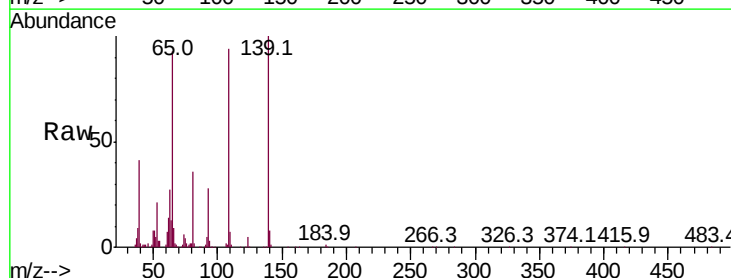
Tgt Ion:139 Resp: 125033

Ion Ratio Lower Upper

139 100

109 94.2 75.6 115.6

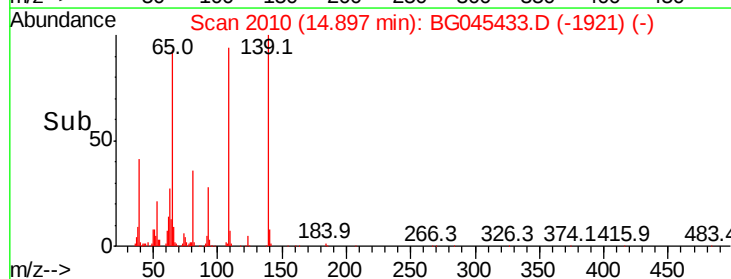
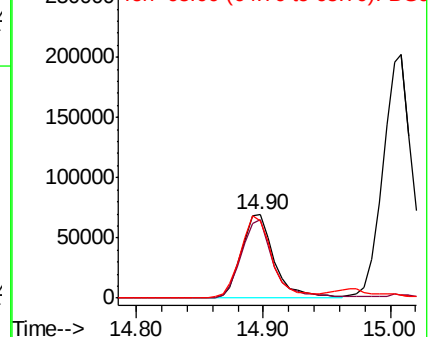
65 93.3 76.8 116.8

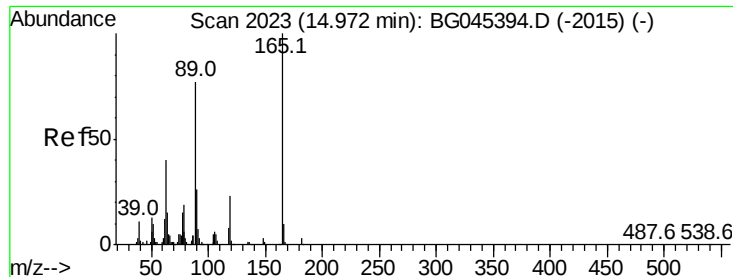


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

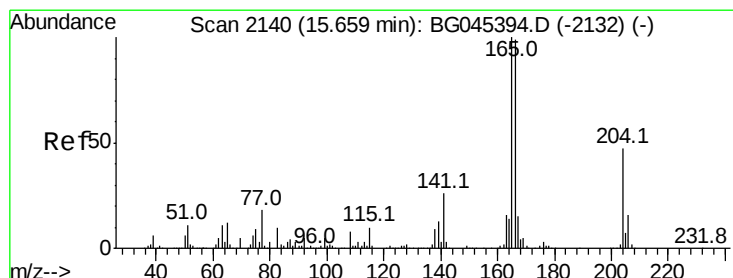
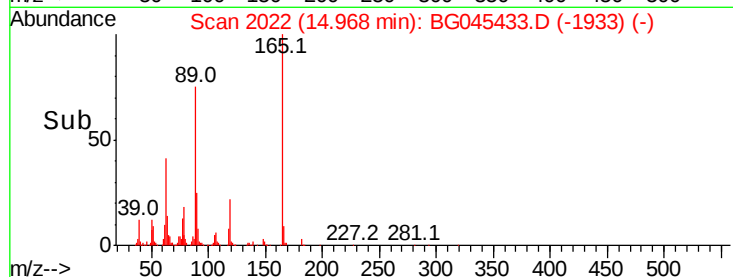
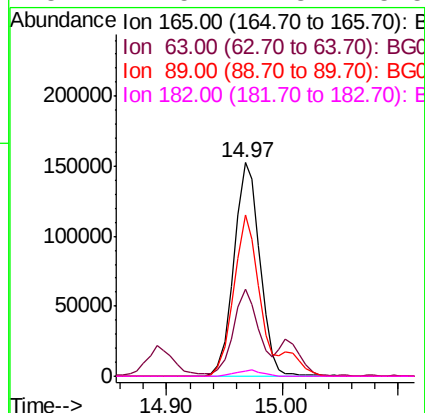
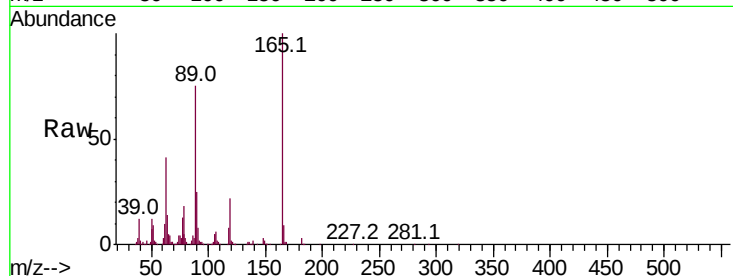




#57  
 2,4-Dinitrotoluene  
 Concen: 39.713 ng  
 RT: 14.97 min Scan# 2022  
 Delta R.T. -0.01 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

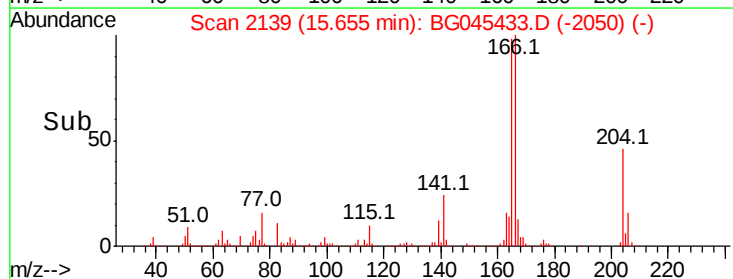
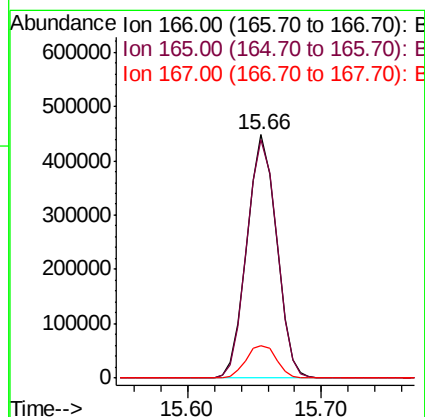
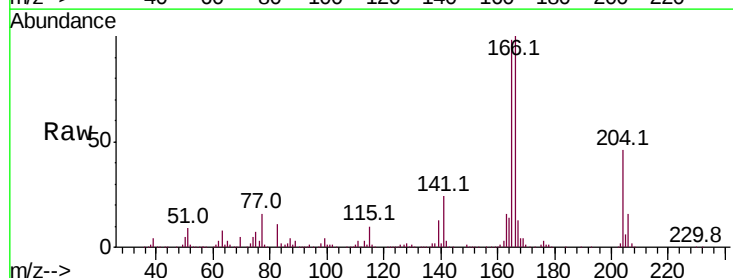
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

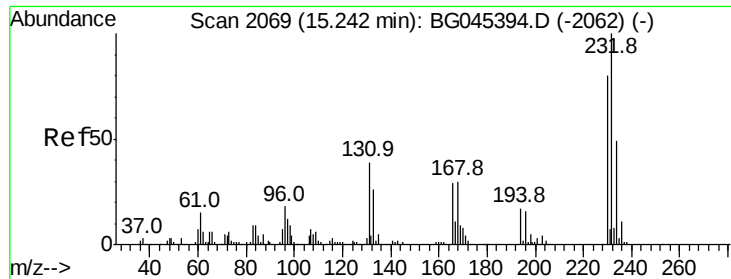
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 236202 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 40.7  | 32.5  | 48.7   |
| 89       | 75.3  | 61.8  | 92.6   |
| 182      | 2.5   | 2.3   | 3.5    |



#58  
 Fluorene  
 Concen: 39.575 ng  
 RT: 15.66 min Scan# 2139  
 Delta R.T. -0.01 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 687202 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.1  | 80.8  | 121.2  |
| 167      | 13.4  | 12.0  | 18.0   |

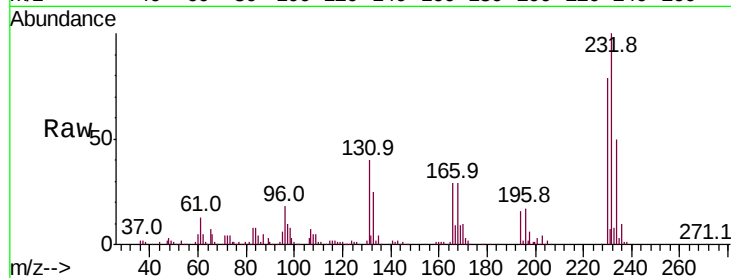




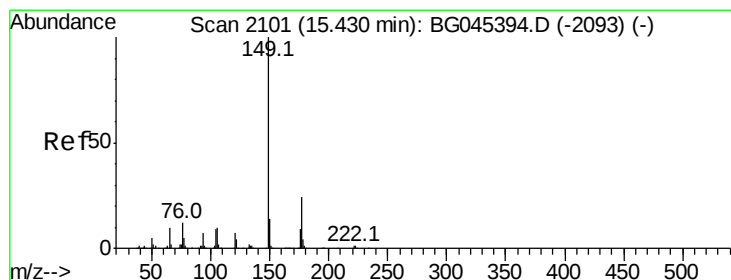
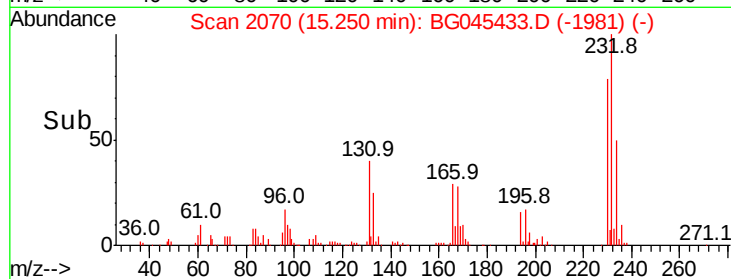
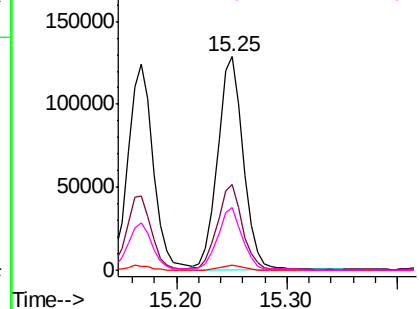
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.793 ng  
 RT: 15.25 min Scan# 2070  
 Delta R.T. -0.01 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 205943 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 39.0  | 33.7  | 50.5   |
| 130      | 2.4   | 2.1   | 3.1    |
| 166      | 28.1  | 23.2  | 34.8   |

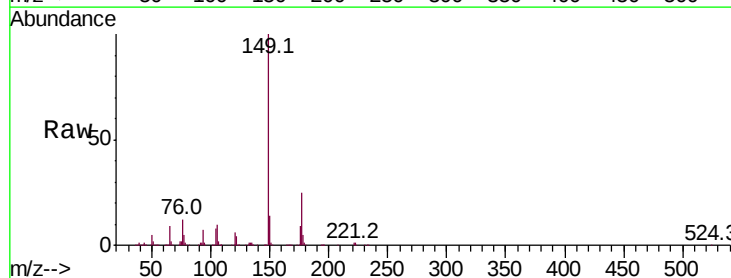


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

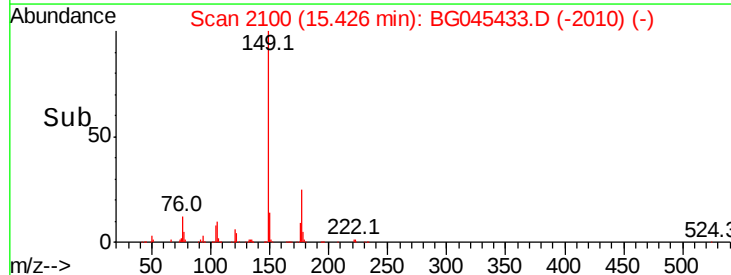
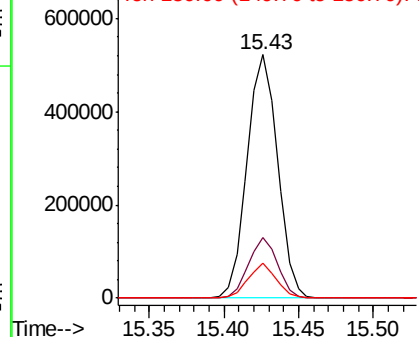


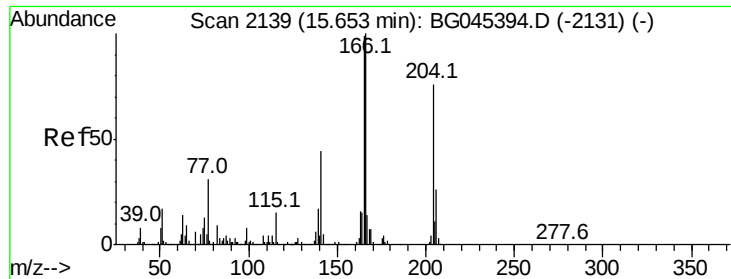
#60  
 Diethylphthalate  
 Concen: 38.987 ng  
 RT: 15.43 min Scan# 2100  
 Delta R.T. -0.00 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 738540 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.6  | 19.0  | 28.4   |
| 150      | 14.2  | 11.4  | 17.0   |



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

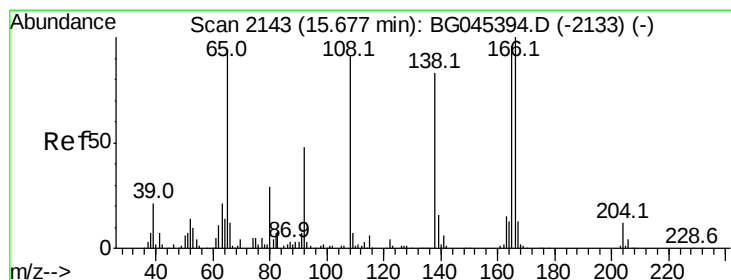
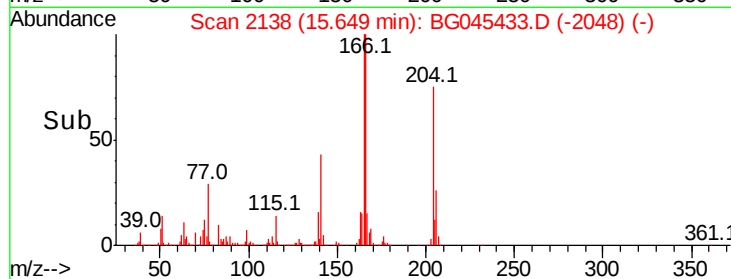
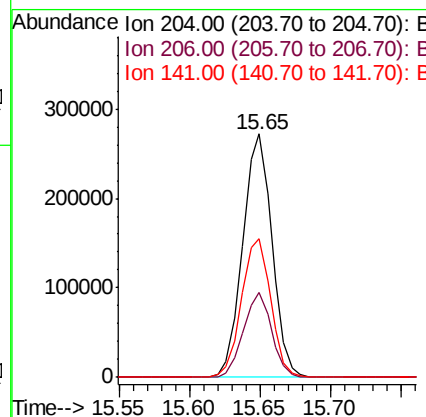
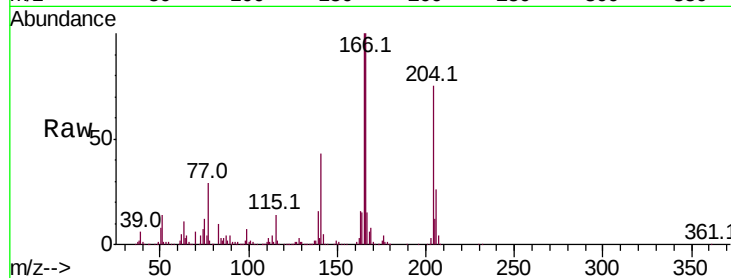




#61  
4-Chlorophenyl-phenylether  
Concen: 39.629 ng  
RT: 15.65 min Scan# 2138  
Delta R.T. -0.00 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

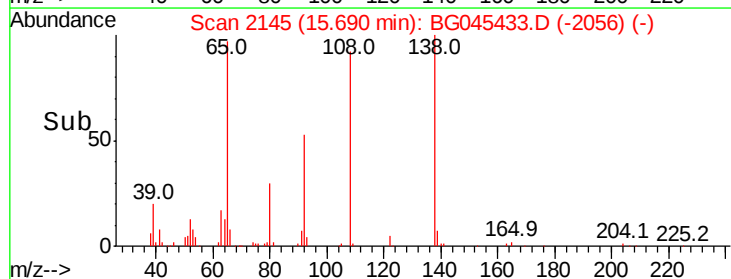
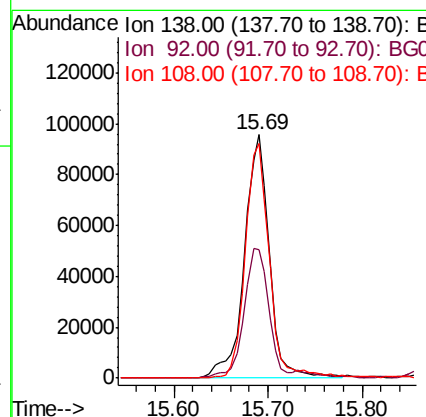
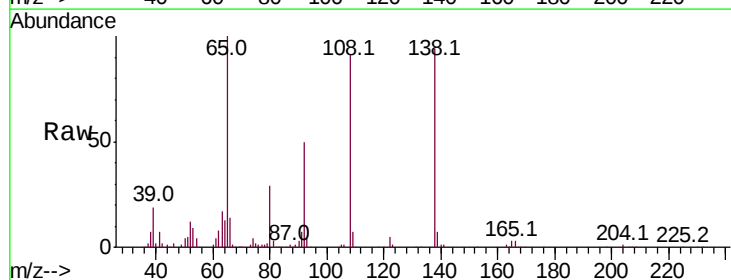
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

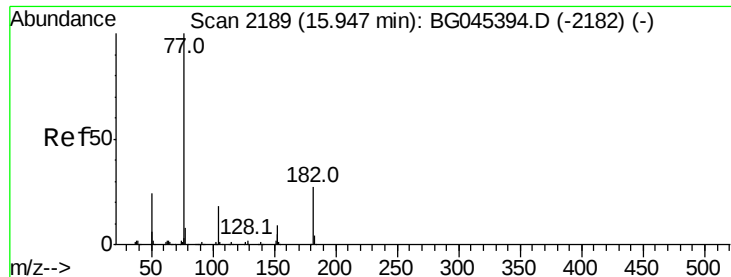
Tot Ion:204 Resp: 393780  
Ion Ratio Lower Upper  
204 100  
206 35.0 27.3 40.9  
141 57.0 45.9 68.9



#62  
4-Nitroaniline  
Concen: 40.476 ng  
RT: 15.69 min Scan# 2145  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

Tgt Ion:138 Resp: 176406  
Ion Ratio Lower Upper  
138 100  
92 52.9 38.0 78.0  
108 96.6 89.3 129.3





#63

Azobenzene

Concen: 38.634 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 682397

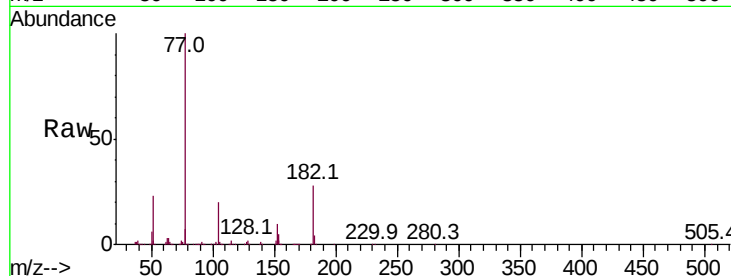
Ion Ratio Lower Upper

77 100

182 27.8 6.5 46.5

105 19.5 0.0 37.9

51 23.4 4.1 44.1

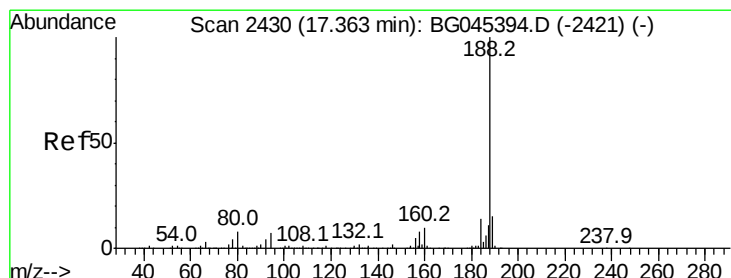
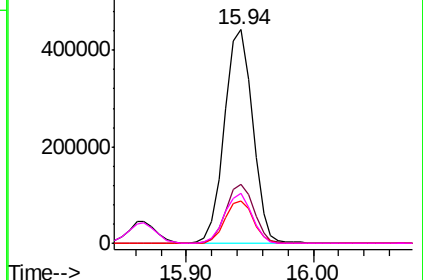
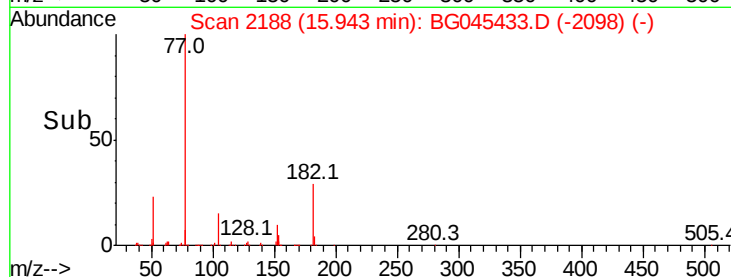


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

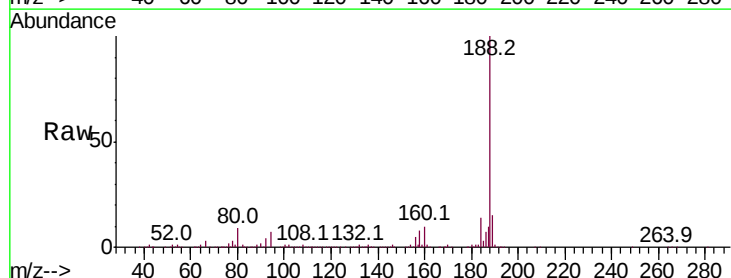
Tgt Ion: 188 Resp: 631946

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

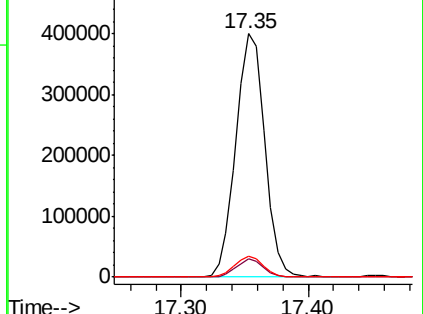
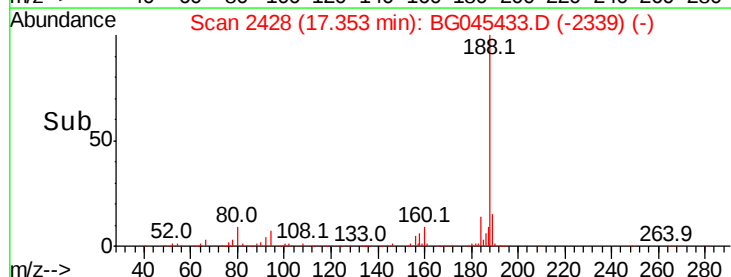
80 8.7 6.6 10.0

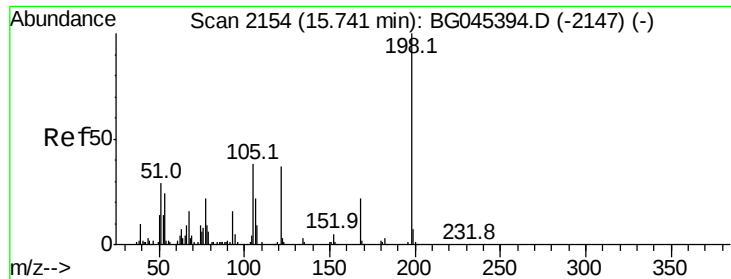


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

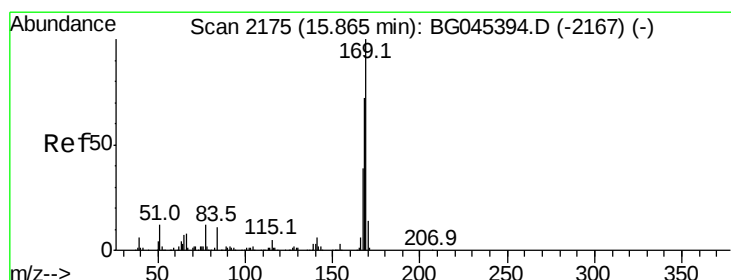
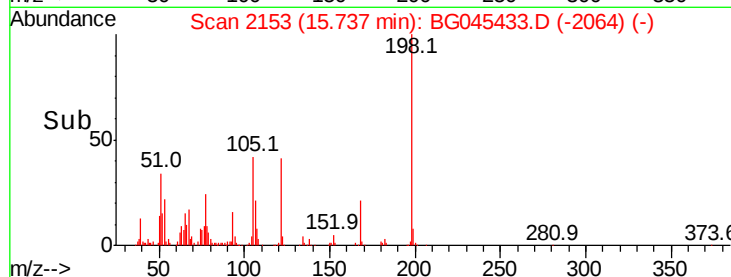
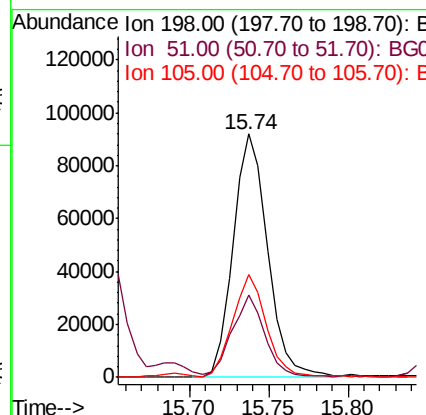
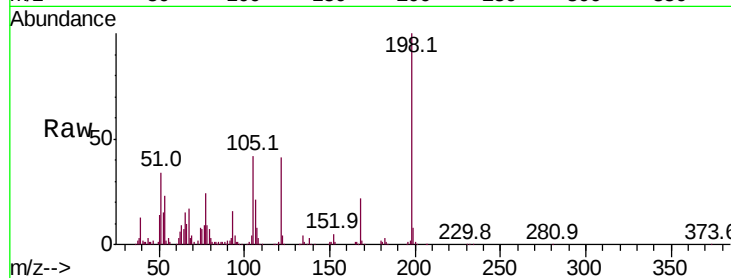




#65  
4,6-Dinitro-2-methylphenol  
Concen: 37.697 ng  
RT: 15.74 min Scan# 2153  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

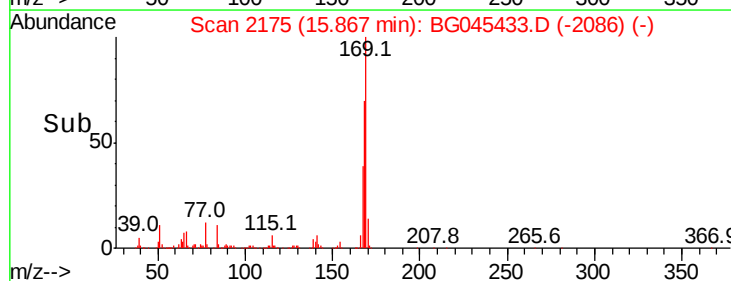
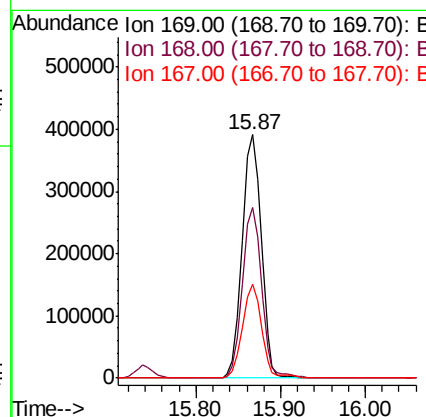
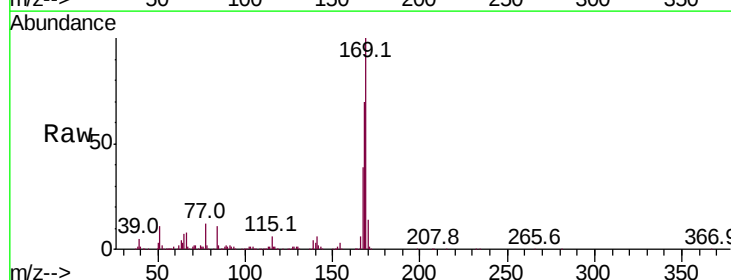
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

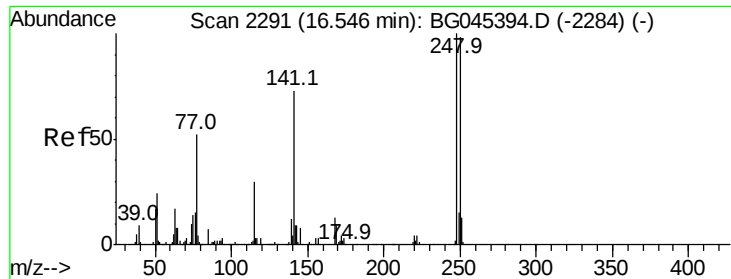
Tot Ion:198 Resp: 138741  
Ion Ratio Lower Upper  
198 100  
51 33.8 10.0 50.0  
105 42.4 18.9 58.9



#66  
n-Nitrosodiphenylamine  
Concen: 39.852 ng  
RT: 15.87 min Scan# 2175  
Delta R.T. -0.01 min  
Lab File: BG045433.D  
Acq: 20 May 2020 10:55

Tgt Ion:169 Resp: 604670  
Ion Ratio Lower Upper  
169 100  
168 70.2 57.8 86.6  
167 38.6 31.5 47.3





#67

4-Bromophenyl-phenylether

Concen: 40.444 ng

RT: 16.54 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

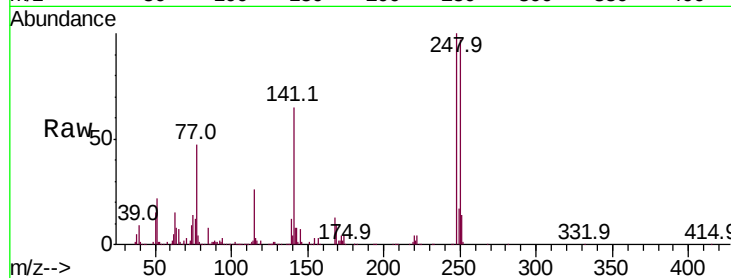
BNA\_G

ClientSampleId :

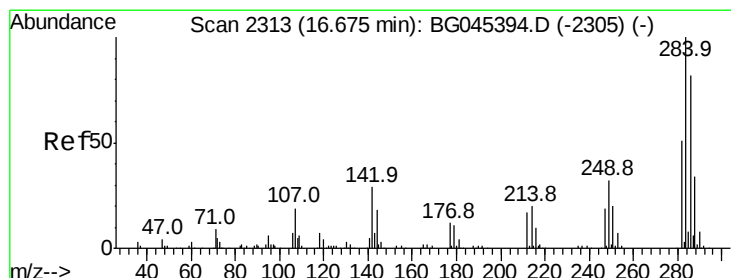
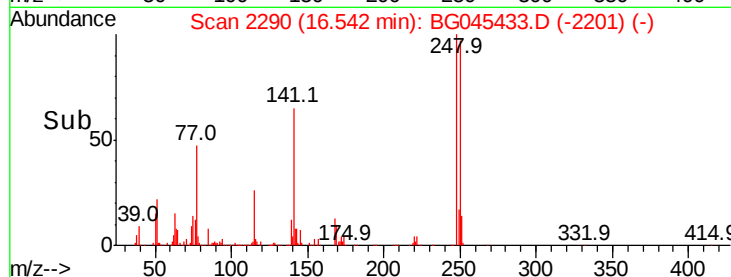
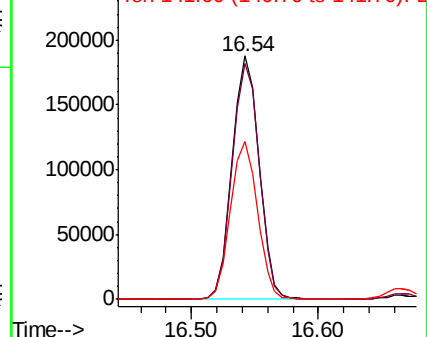
SSTDCCC040

Tot Ion:248 Resp: 276757

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 97.0  | 78.6  | 117.8 |
| 141 | 65.1  | 58.2  | 87.2  |



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



#68

Hexachlorobenzene

Concen: 40.634 ng

RT: 16.67 min Scan# 2311

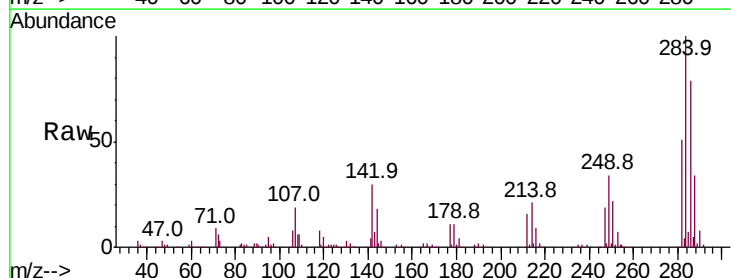
Delta R.T. -0.01 min

Lab File: BG045433.D

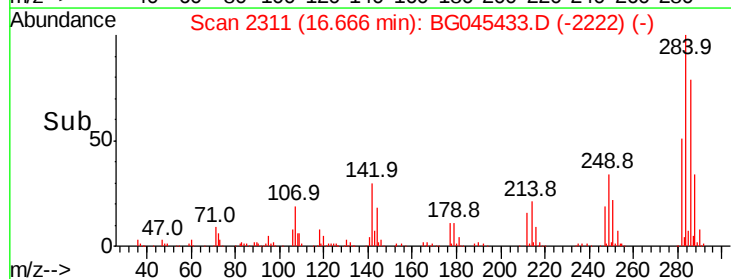
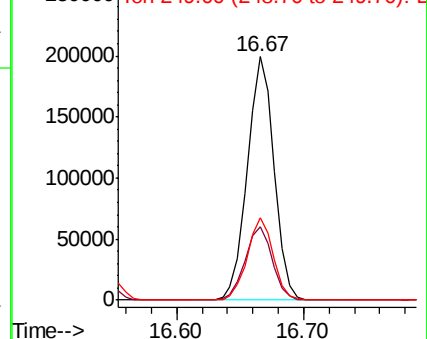
Acq: 20 May 2020 10:55

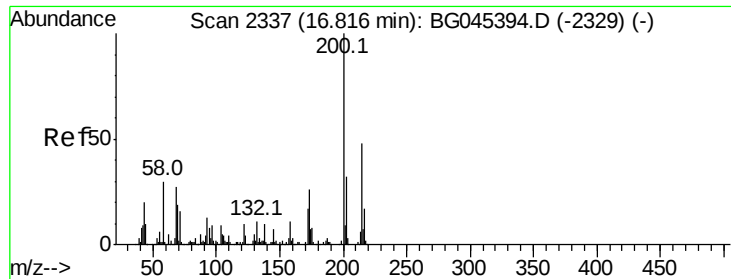
Tgt Ion:284 Resp: 290826

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 284 | 100   |       |       |
| 142 | 29.9  | 23.0  | 34.6  |
| 249 | 34.0  | 25.8  | 38.6  |



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: 39.452 ng

RT: 16.82 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

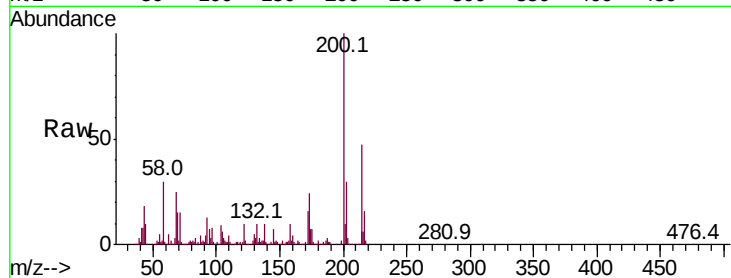
Tot Ion:200 Resp: 246559

Ion Ratio Lower Upper

200 100

173 23.8 5.5 45.5

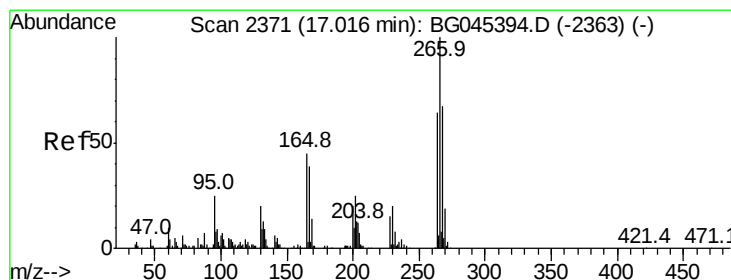
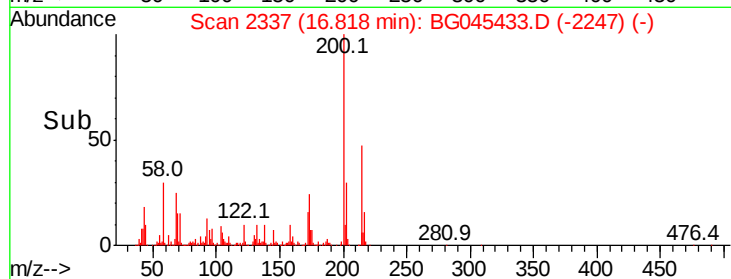
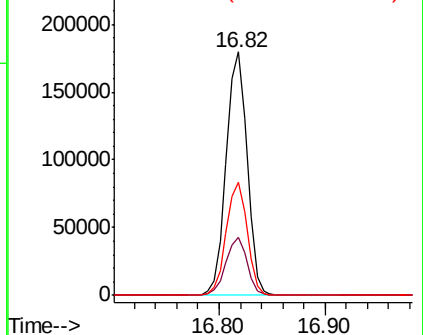
215 46.5 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 33.966 ng

RT: 17.02 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

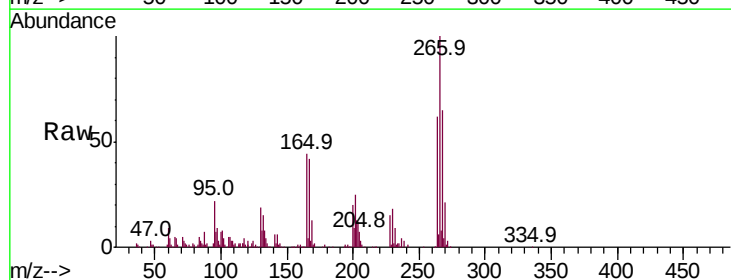
Tgt Ion:266 Resp: 126226

Ion Ratio Lower Upper

266 100

268 65.0 53.2 79.8

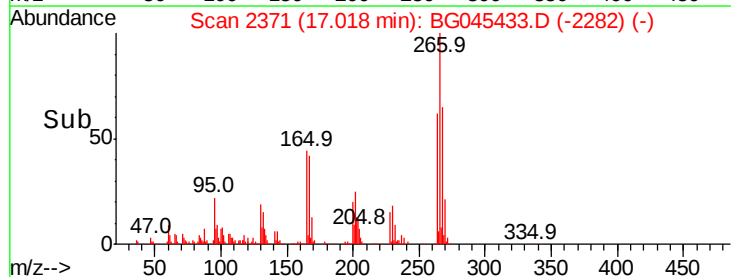
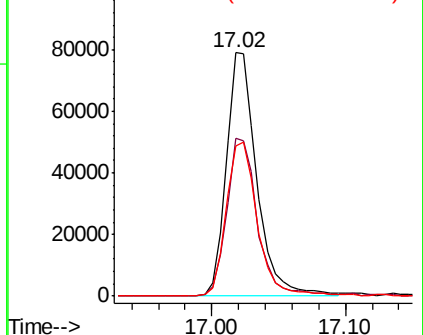
264 61.7 51.0 76.4

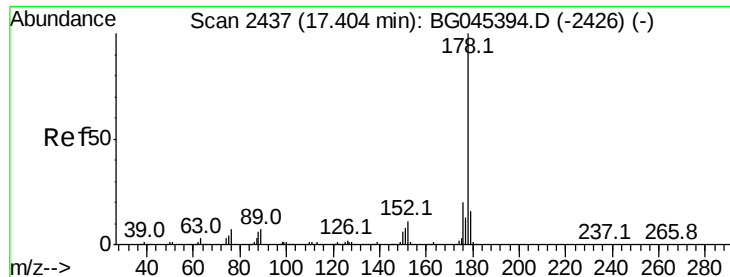


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.815 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

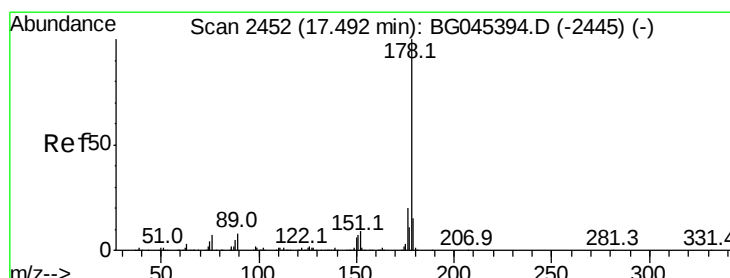
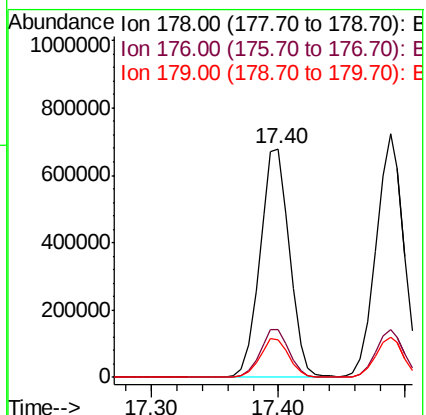
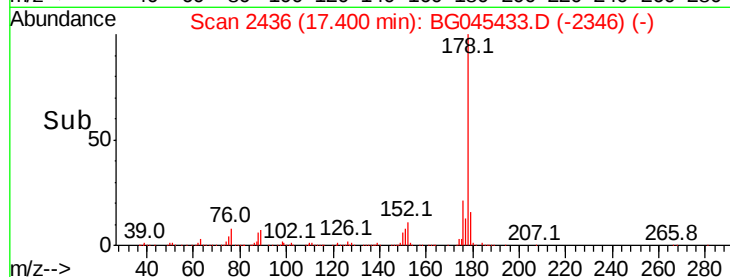
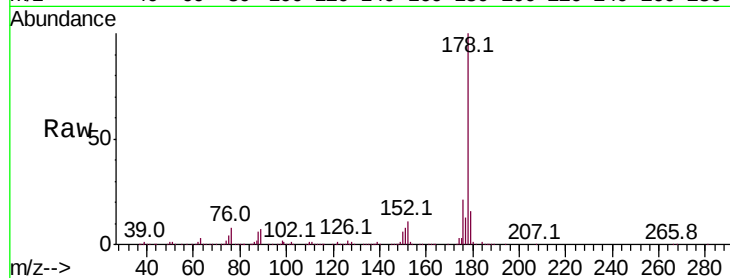
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1098427

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 21.1  | 16.2  | 24.4  |
| 179 | 16.3  | 13.1  | 19.7  |



#72

Anthracene

Concen: 39.989 ng

RT: 17.49 min Scan# 2451

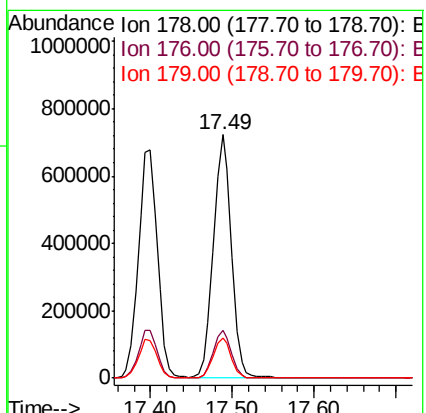
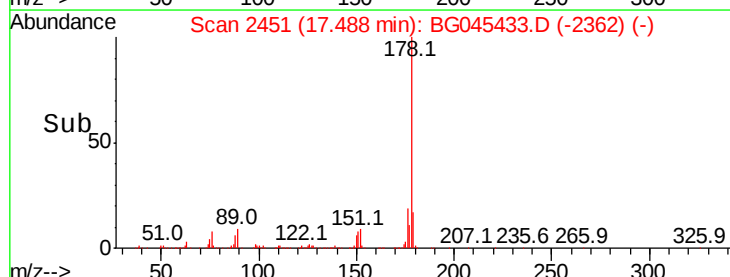
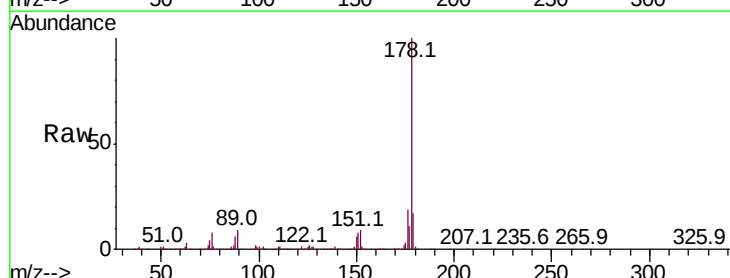
Delta R.T. -0.01 min

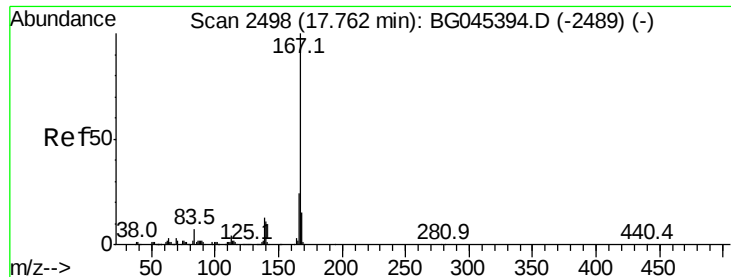
Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:178 Resp: 1107877

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.4  | 15.8  | 23.6  |
| 179 | 16.5  | 12.2  | 18.4  |



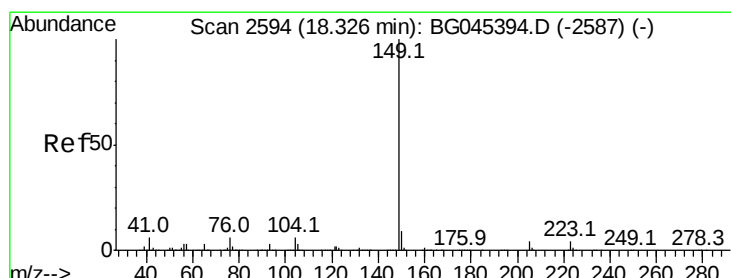
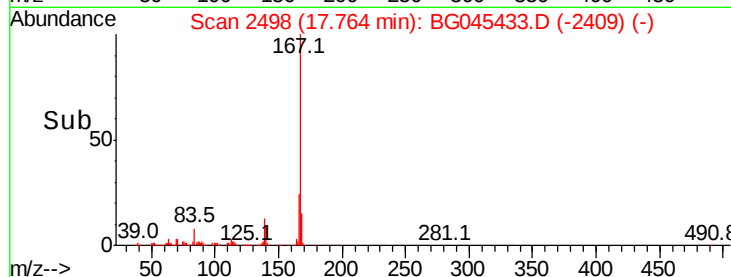
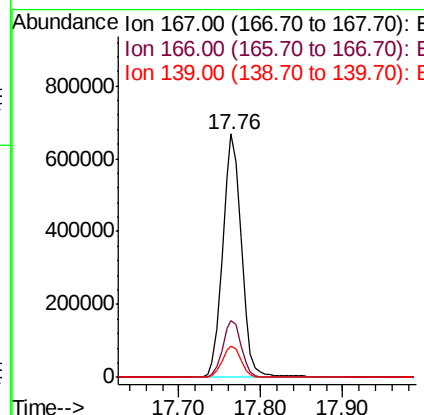
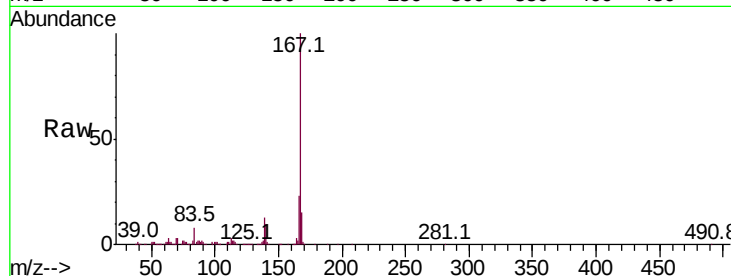


#73  
 Carbazole  
 Concen: 39.529 ng  
 RT: 17.76 min Scan# 2498  
 Delta R.T. -0.01 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:167 Resp: 1067490  

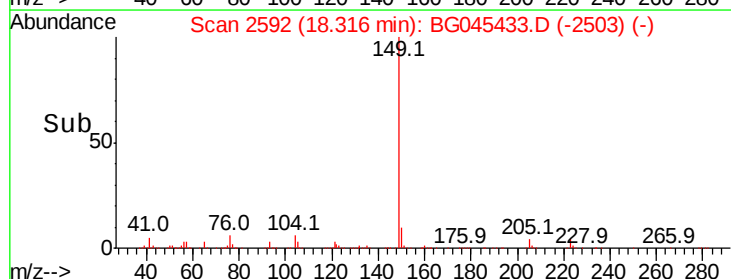
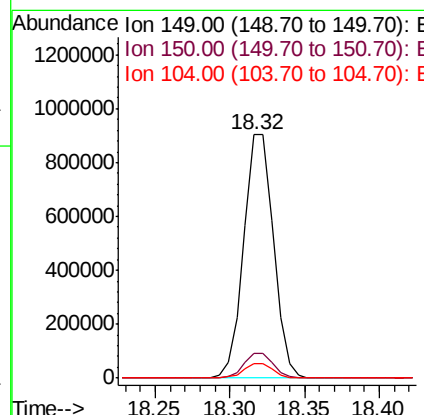
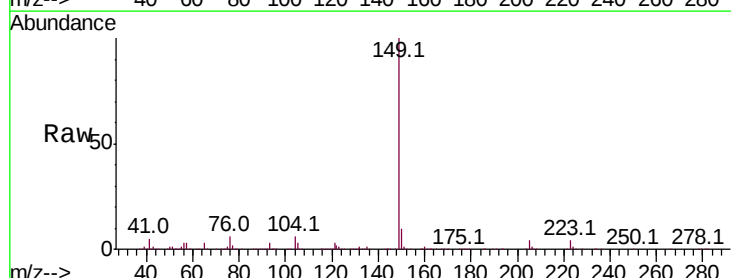
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.5  | 19.2  | 28.8  |
| 139 | 13.0  | 10.6  | 16.0  |

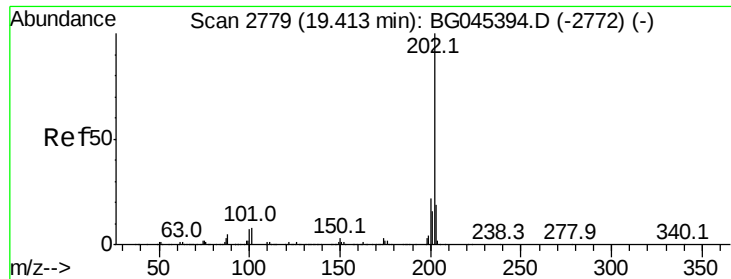


#74  
 Di-n-butylphthalate  
 Concen: 38.617 ng  
 RT: 18.32 min Scan# 2592  
 Delta R.T. -0.01 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

Tgt Ion:149 Resp: 1251720  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.4  | 7.6   | 11.4  |
| 104 | 5.9   | 5.0   | 7.4   |





#75

Fluoranthene

Concen: 38.152 ng

RT: 19.41 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

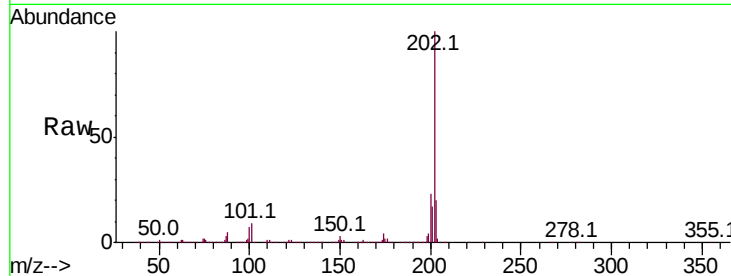
Tot Ion:202 Resp: 1338767

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.3

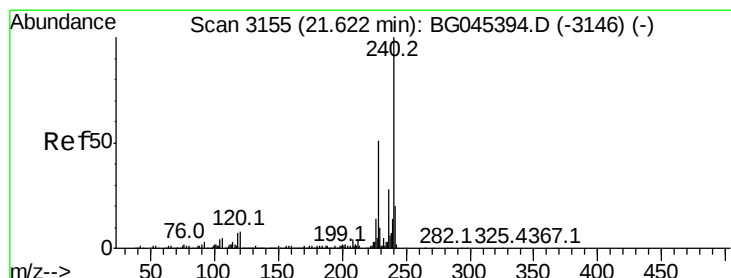
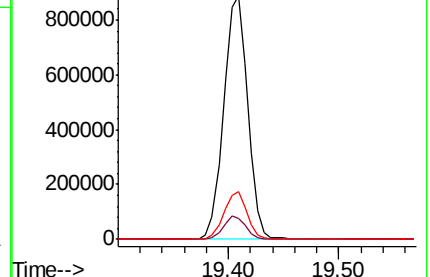
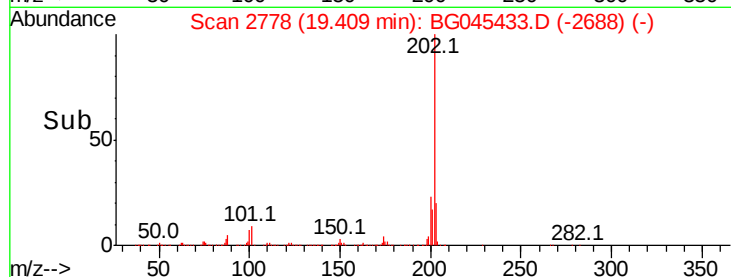
203 19.8 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

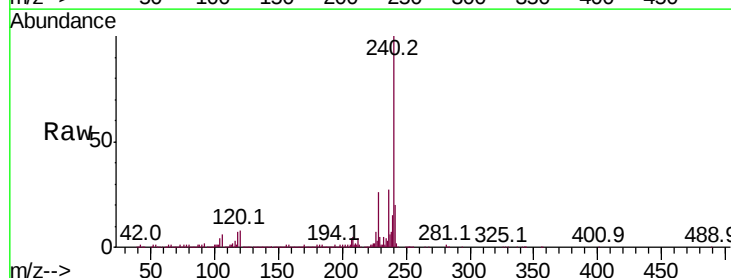
Tgt Ion:240 Resp: 566009

Ion Ratio Lower Upper

240 100

120 7.6 6.1 9.1

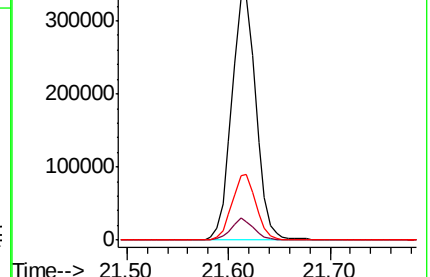
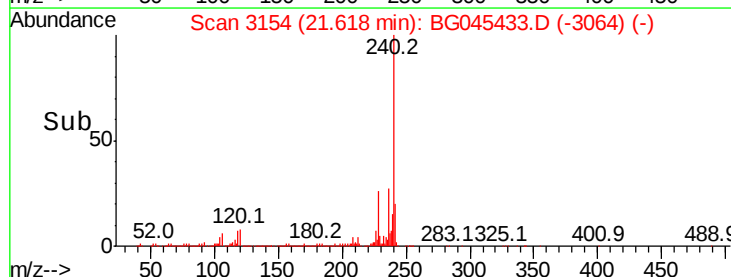
236 27.1 22.3 33.5

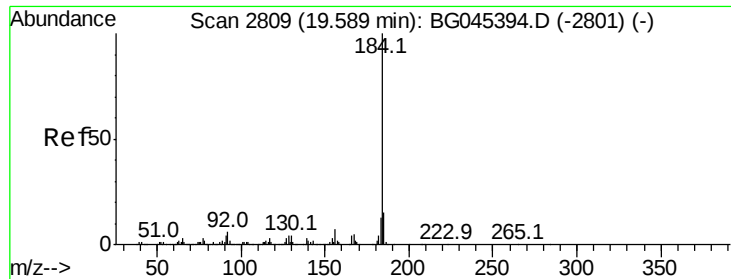


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.623 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

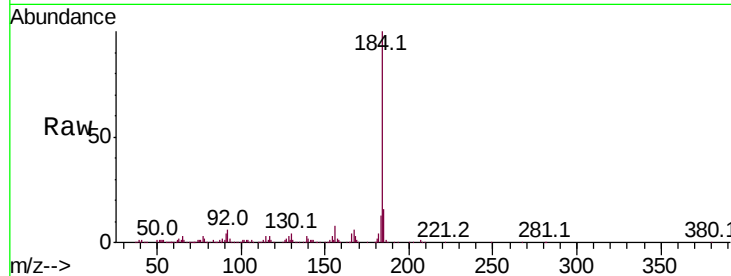
Tot Ion:184 Resp: 582184

Ion Ratio Lower Upper

184 100

185 15.8 11.7 17.5

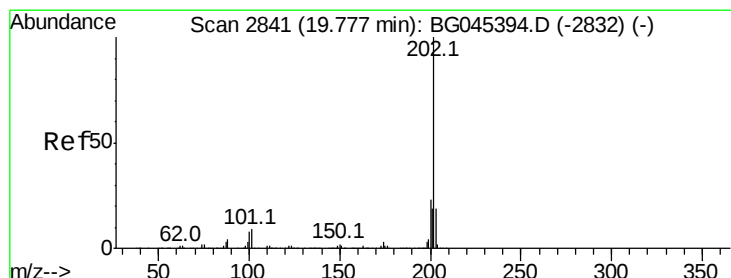
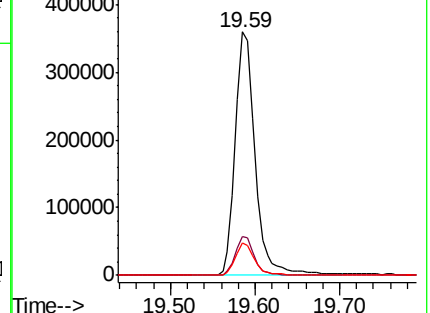
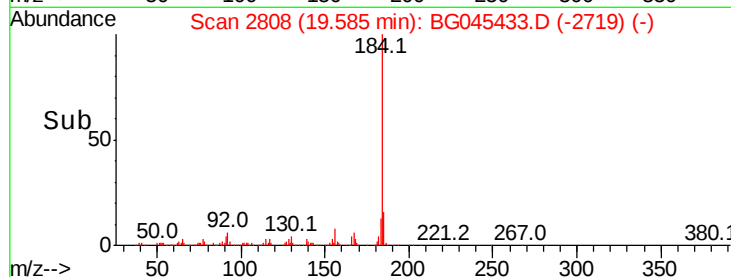
183 13.3 10.2 15.4



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: 41.813 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

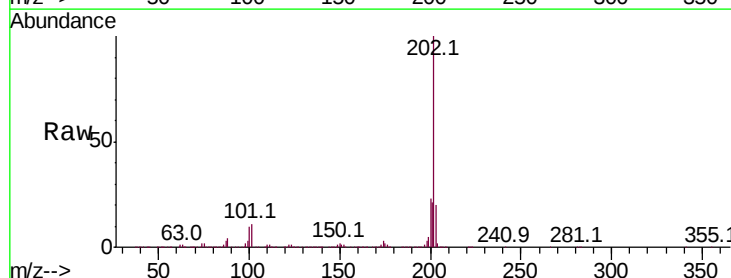
Tgt Ion:202 Resp: 1349076

Ion Ratio Lower Upper

202 100

200 23.1 18.2 27.2

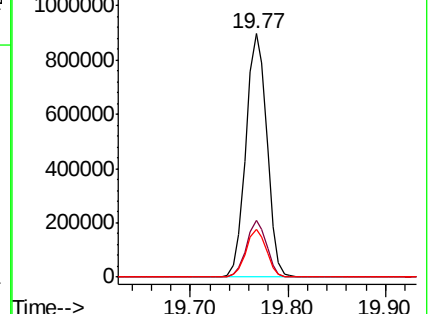
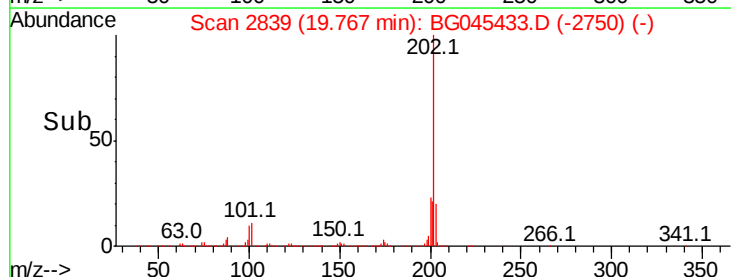
203 19.7 15.1 22.7

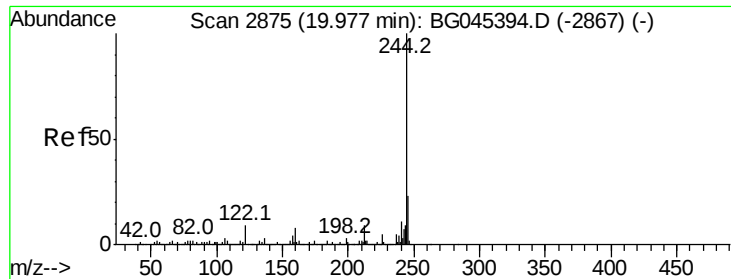


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.567 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

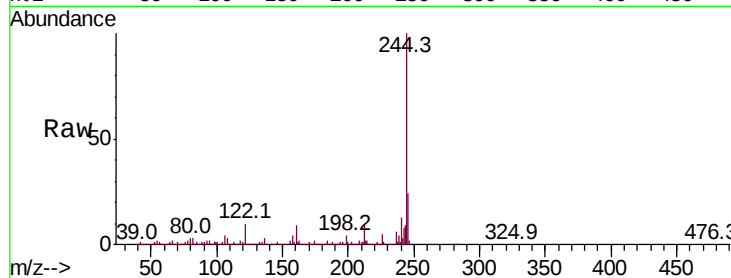
Tot Ion:244 Resp: 1955233

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

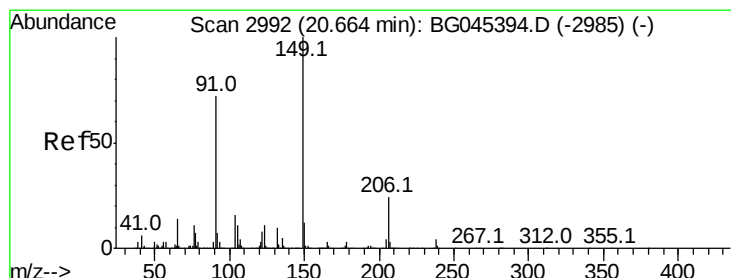
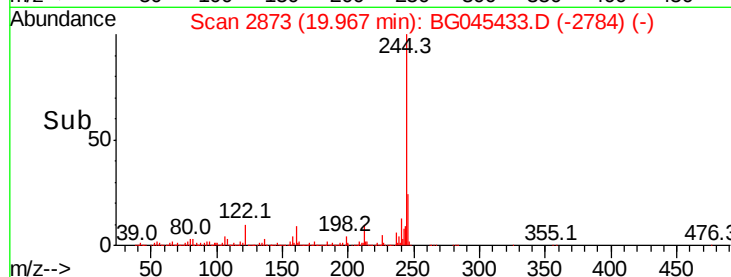
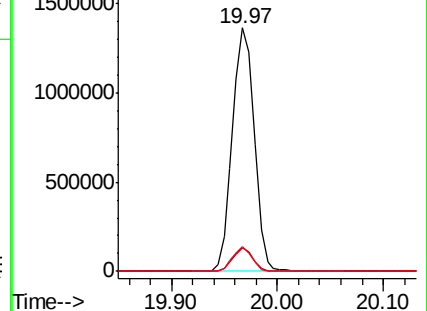
122 9.9 6.8 10.2



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: 41.469 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

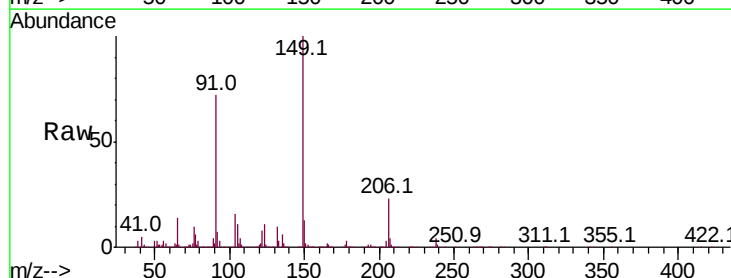
Tgt Ion:149 Resp: 577525

Ion Ratio Lower Upper

149 100

91 71.6 57.8 86.6

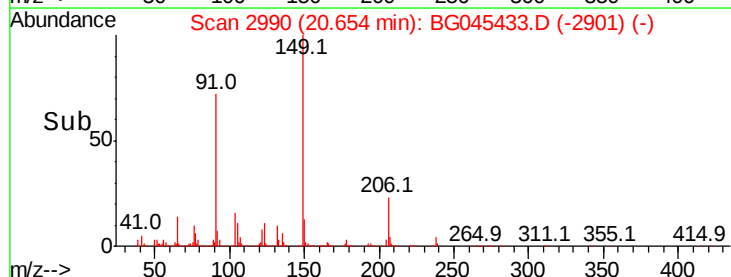
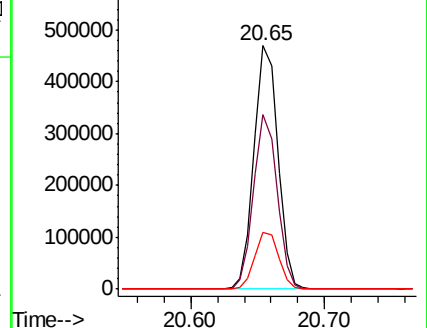
206 23.1 19.1 28.7

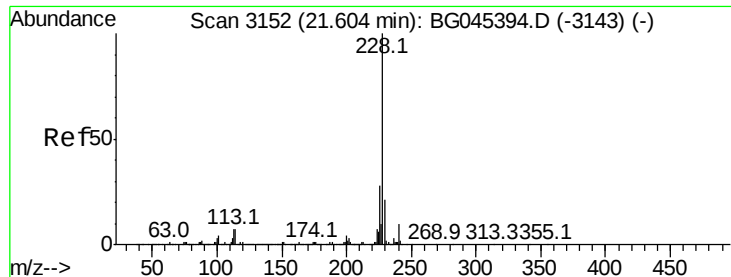


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.523 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

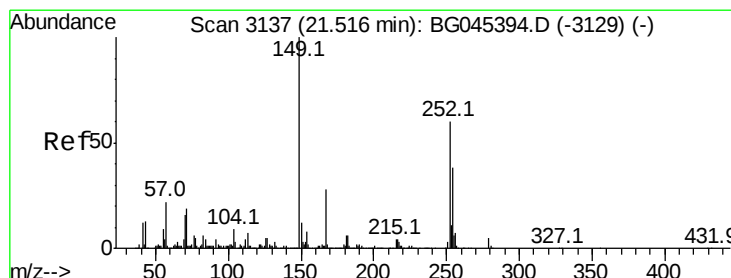
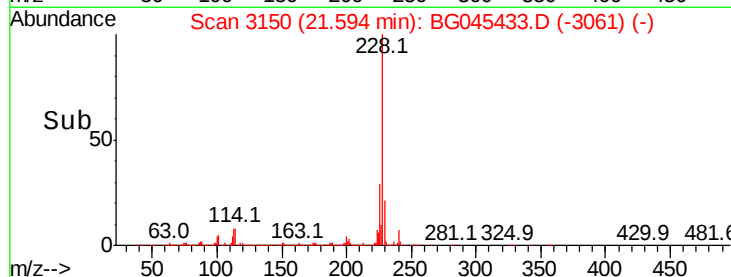
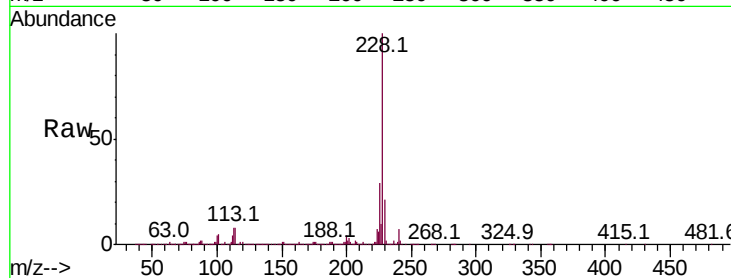
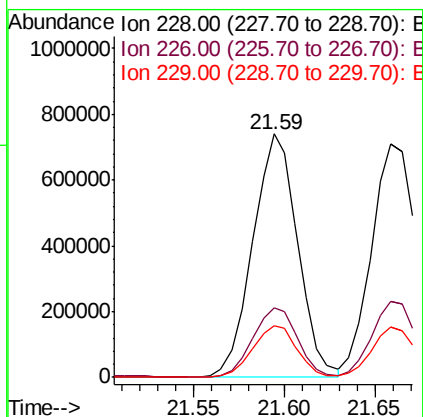
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1277706

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.8  | 22.7  | 34.1  |
| 229 | 21.4  | 16.7  | 25.1  |



#82

3,3'-Dichlorobenzidine

Concen: 39.549 ng

RT: 21.51 min Scan# 3136

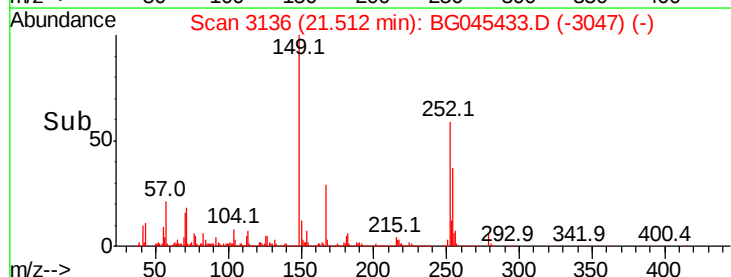
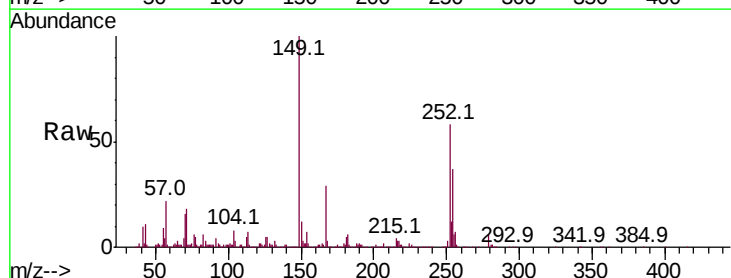
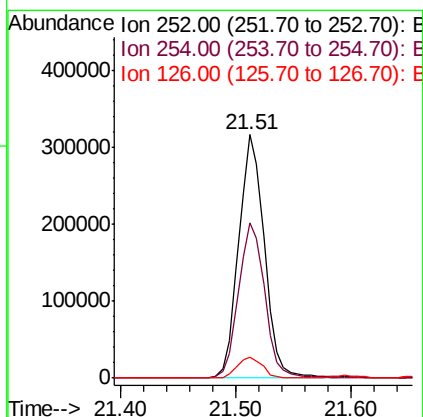
Delta R.T. -0.01 min

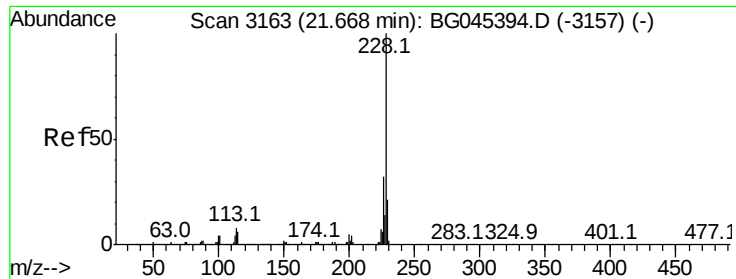
Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:252 Resp: 489153

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.6  | 51.3  | 76.9  |
| 126 | 8.5   | 6.6   | 10.0  |



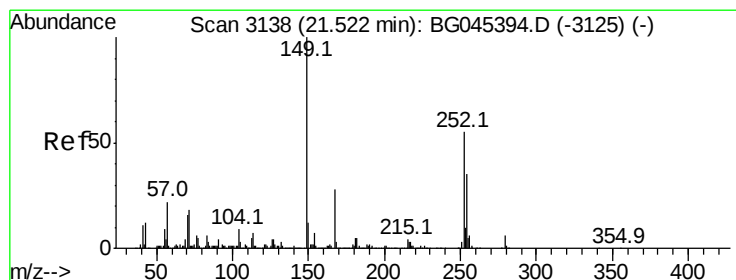
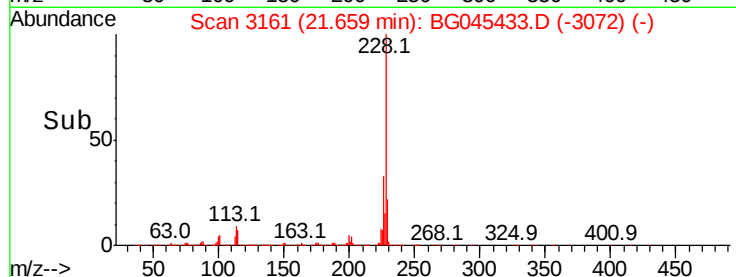
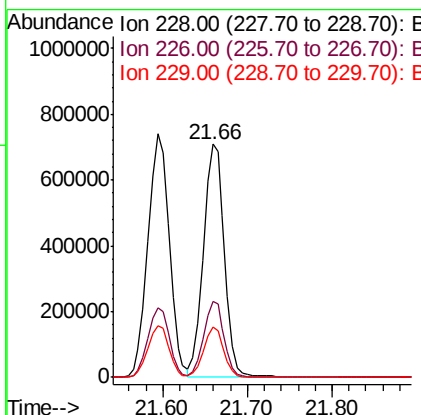
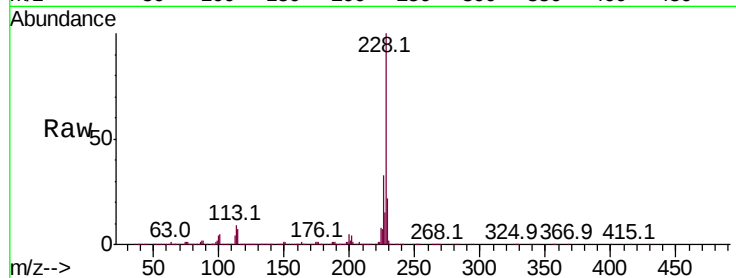


#83  
 Chrysene  
 Concen: 40.491 ng  
 RT: 21.66 min Scan# 3161  
 Delta R.T. -0.01 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:228 Resp: 1227602  

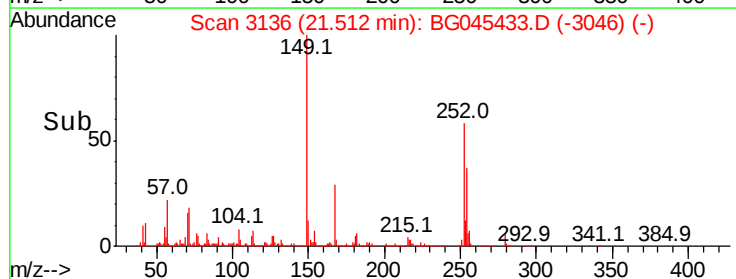
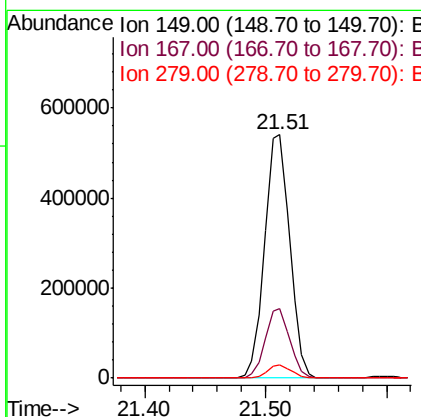
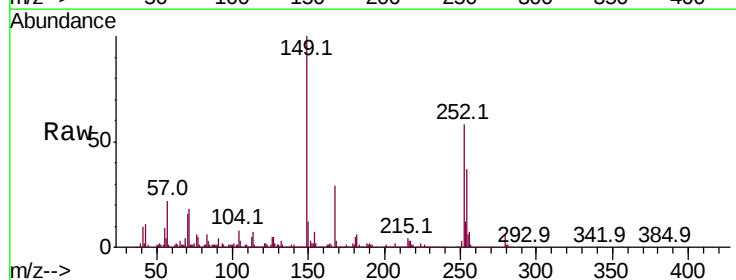
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.7  | 25.2  | 37.8  |
| 229 | 21.6  | 16.7  | 25.1  |

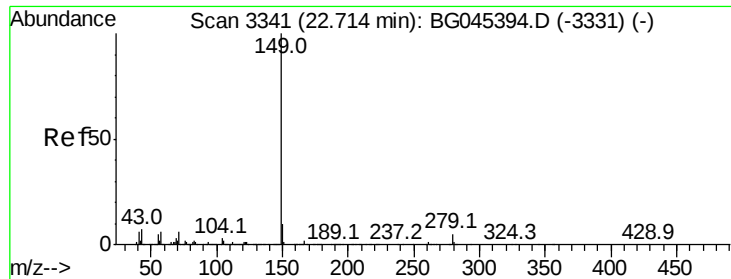


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.469 ng  
 RT: 21.51 min Scan# 3136  
 Delta R.T. -0.00 min  
 Lab File: BG045433.D  
 Acq: 20 May 2020 10:55

Tgt Ion:149 Resp: 774724  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.7  | 22.2  | 33.2  |
| 279 | 5.6   | 4.7   | 7.1   |





#85

Di-n-octyl phthalate

Concen: 40.115 ng

RT: 22.70 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

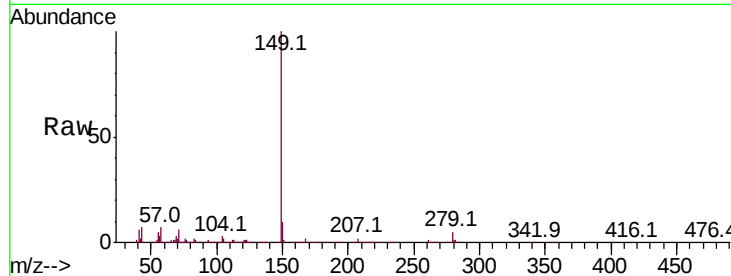
Tot Ion:149 Resp: 1318994

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

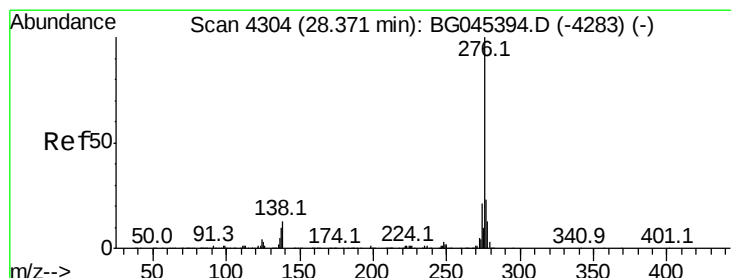
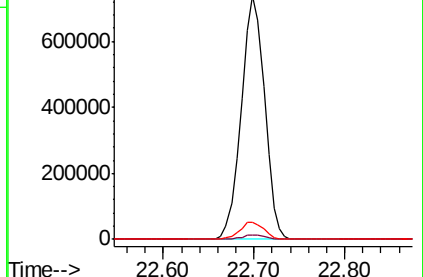
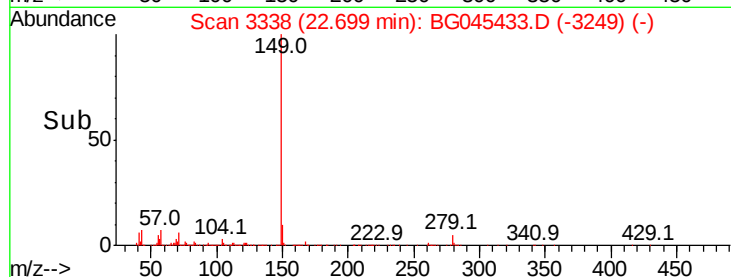
43 7.4 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.464 ng

RT: 28.35 min Scan# 4300

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

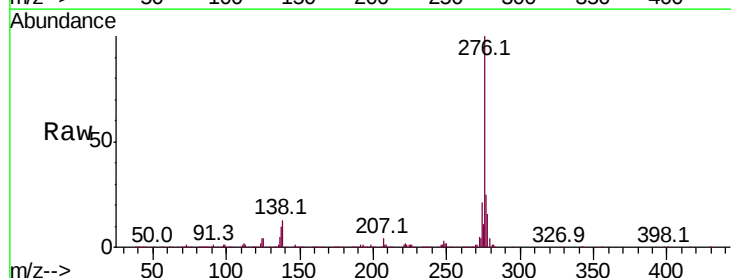
Tgt Ion:276 Resp: 1564595

Ion Ratio Lower Upper

276 100

138 16.3 8.6 12.8#

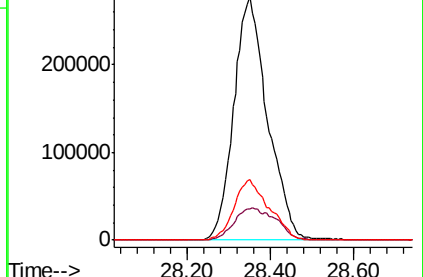
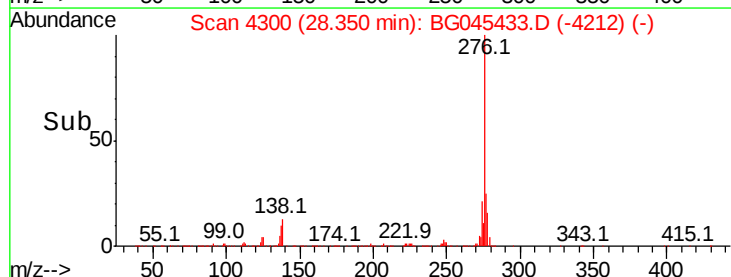
277 25.7 20.2 30.4

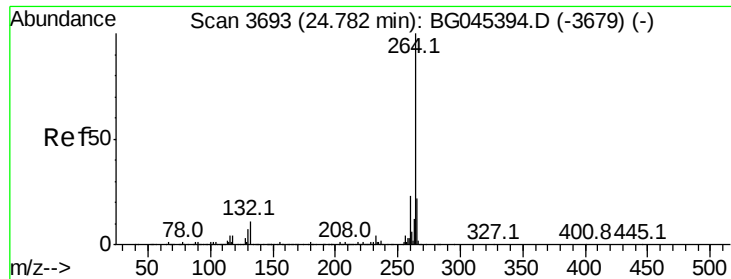


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

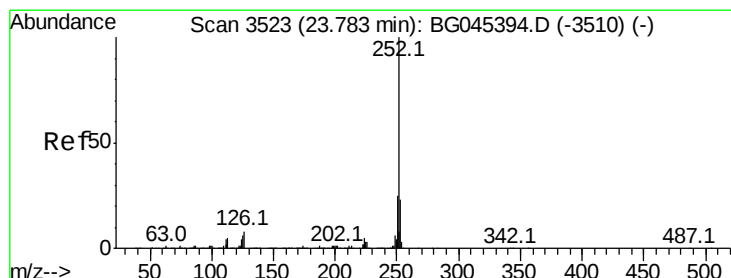
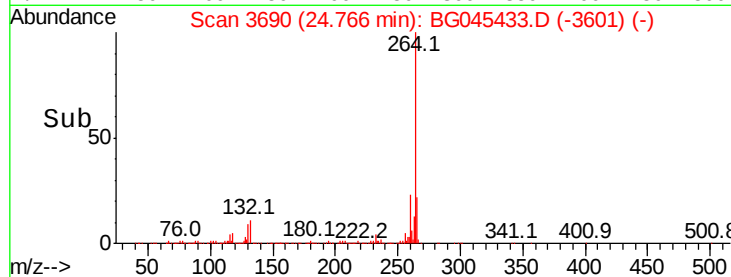
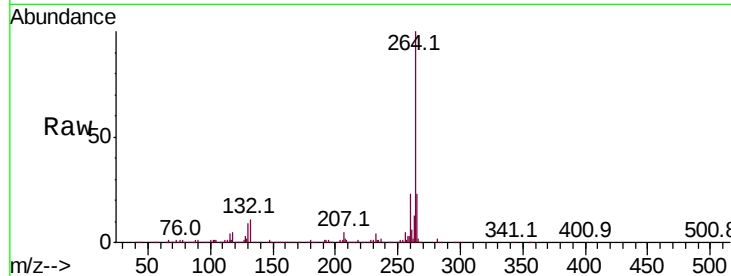
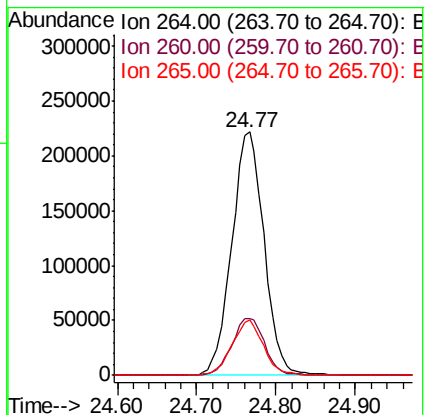
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 625589

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 18.2  | 27.4  |
| 265 | 22.6  | 17.6  | 26.4  |



#88

Benzo(b)fluoranthene

Concen: 38.303 ng

RT: 23.84 min Scan# 3532

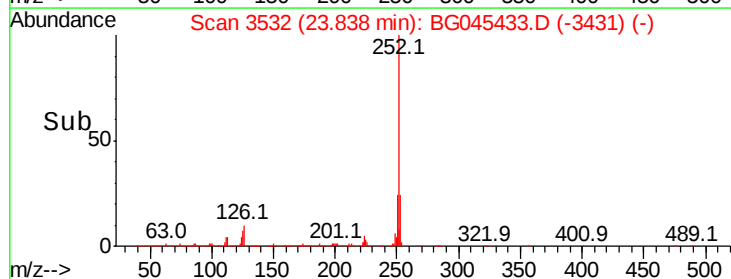
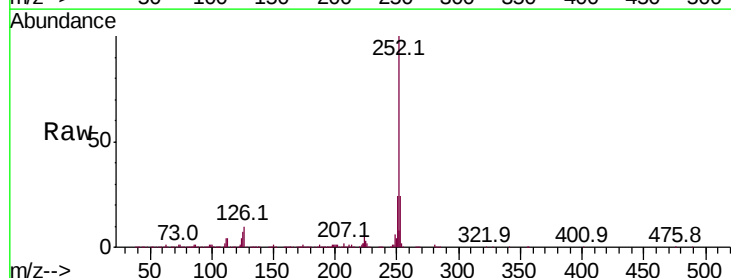
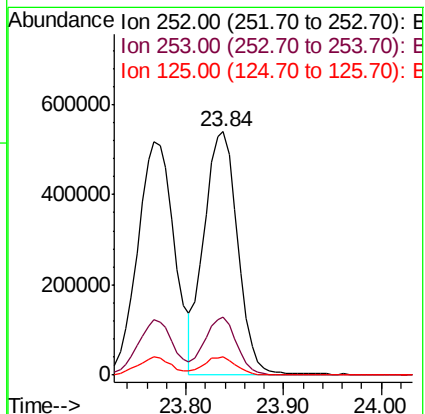
Delta R.T. 0.06 min

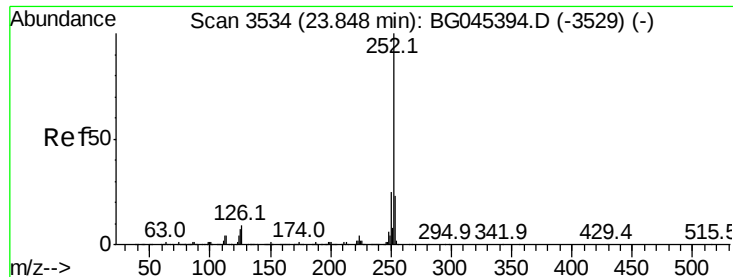
Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:252 Resp: 1285115

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.6  | 18.1  | 27.1  |
| 125 | 7.4   | 5.0   | 7.6   |





#89

Benzo(k)fluoranthene

Concen: 40.770 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

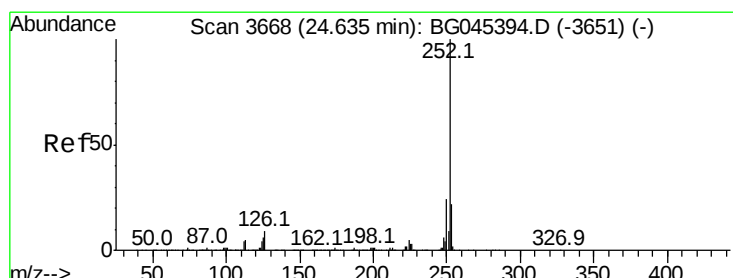
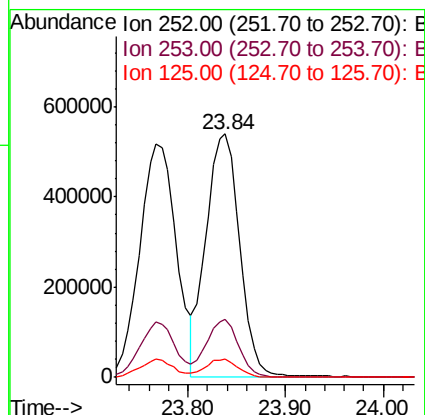
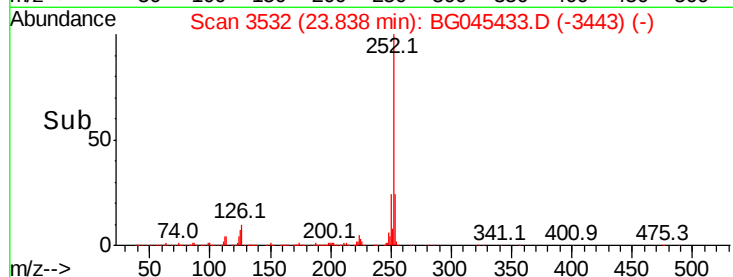
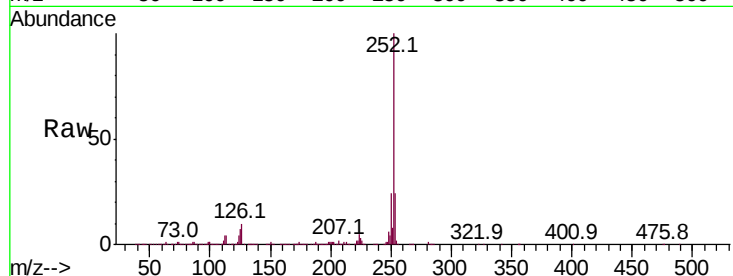
Tot Ion:252 Resp: 1285115

Ion Ratio Lower Upper

252 100

253 23.6 18.4 27.6

125 7.4 5.7 8.5



#90

Benzo(a)pyrene

Concen: 40.730 ng

RT: 24.62 min Scan# 3665

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

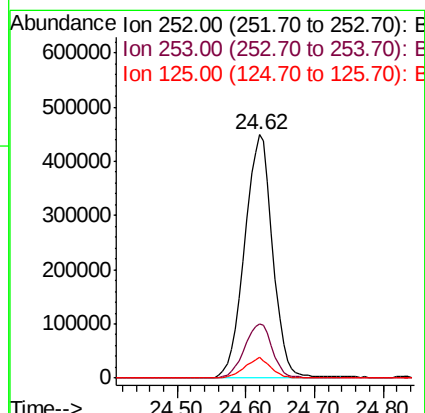
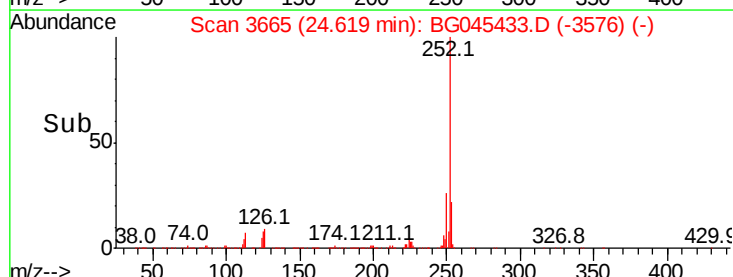
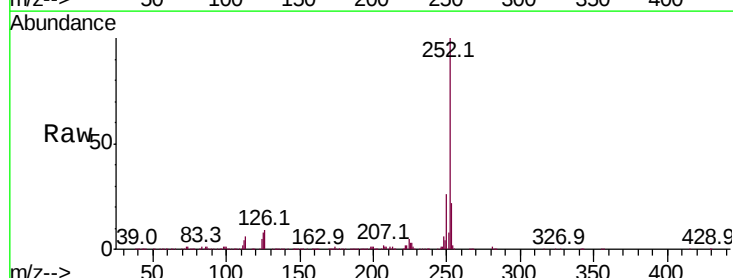
Tgt Ion:252 Resp: 1272680

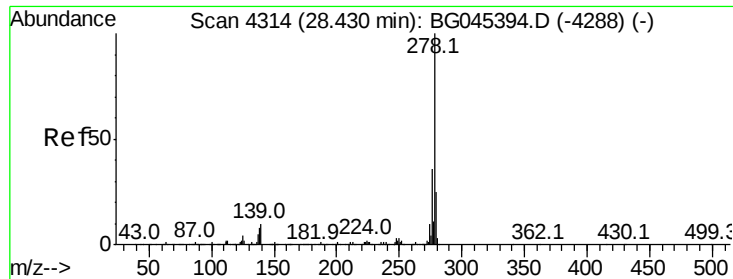
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 8.4 5.0 7.6#





#91

Dibenzo(a,h)anthracene

Concen: 40.091 ng

RT: 28.41 min Scan# 4310

Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Instrument :

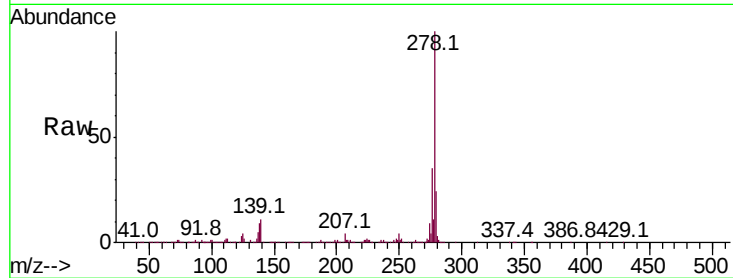
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1258874

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 10.9  | 7.8   | 11.8  |
| 279 | 23.7  | 19.8  | 29.8  |

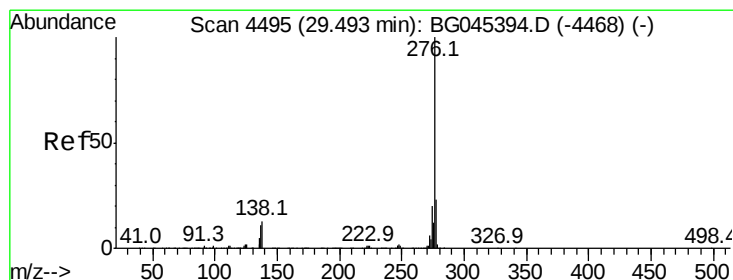
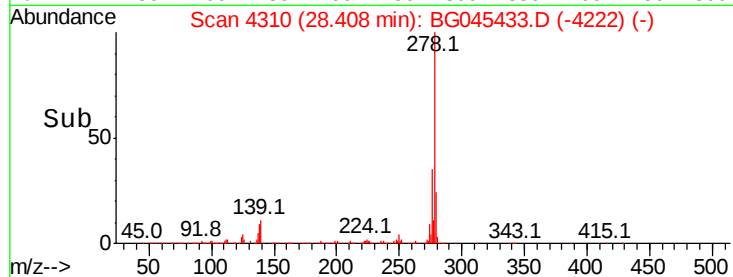
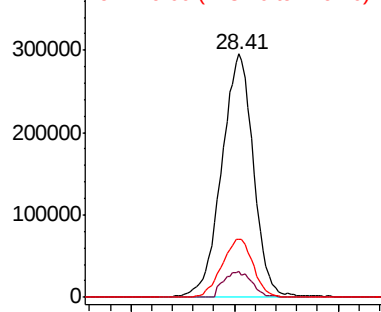


Abundance

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: 39.561 ng

RT: 29.47 min Scan# 4490

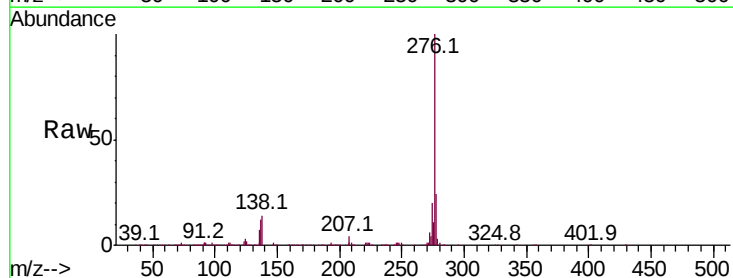
Delta R.T. -0.01 min

Lab File: BG045433.D

Acq: 20 May 2020 10:55

Tgt Ion:276 Resp: 1242376

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.3  | 18.1  | 27.1  |
| 138 | 13.8  | 10.2  | 15.4  |



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

