

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100519\  
 Data File : BG043047.D  
 Acq On : 5 Oct 2019 9:47  
 Operator : JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 06 23:51:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 25 15:35:52 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 77754    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.87 | 136  | 297969   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.68 | 164  | 201783   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.42 | 188  | 468731   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.70 | 240  | 514963   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 24.92 | 264  | 614850   | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 352837  | 80.98 | ng | -0.01 |
| 7) Phenol-d6             | 7.24  | 99  | 490151  | 78.12 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 468786  | 76.47 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 286182  | 82.48 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.31 | 172 | 1122016 | 80.61 | ng | -0.02 |
| 79) Terphenyl-d14        | 20.03 | 244 | 1971871 | 81.59 | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.56  | 88  | 67908  | 37.384 | ng | 90     |
| 3) Pyridine                    | 3.96  | 79  | 200399 | 39.224 | ng | 88     |
| 4) n-Nitrosodimethylamine      | 3.87  | 42  | 89679  | 36.501 | ng | # 83   |
| 6) Aniline                     | 7.39  | 93  | 288596 | 38.105 | ng | 98     |
| 8) 2-Chlorophenol              | 7.64  | 128 | 184507 | 40.608 | ng | 99     |
| 9) Benzaldehyde                | 7.20  | 77  | 140301 | 36.594 | ng | 91     |
| 10) Phenol                     | 7.26  | 94  | 224142 | 38.938 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 169079 | 37.962 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 233023 | 40.202 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.10  | 146 | 234623 | 40.605 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 220112 | 40.012 | ng | 95     |
| 15) Benzyl Alcohol             | 8.31  | 79  | 182199 | 38.625 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 266159 | 31.117 | ng | 96     |
| 17) 2-Methylphenol             | 8.51  | 107 | 152709 | 37.914 | ng | 97     |
| 18) Hexachloroethane           | 9.15  | 117 | 83741  | 38.481 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 146403 | 35.536 | ng | 92     |
| 20) 3+4-Methylphenols          | 8.84  | 107 | 215937 | 39.121 | ng | 96     |
| 22) Acetophenone               | 8.88  | 105 | 302963 | 39.445 | ng | # 97   |
| 24) Nitrobenzene               | 9.26  | 77  | 224638 | 38.416 | ng | 99     |
| 25) Isophorone                 | 9.79  | 82  | 400087 | 37.154 | ng | 99     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 104408 | 41.943 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 150522 | 39.375 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 229792 | 37.612 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 195542 | 41.129 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 245087 | 39.918 | ng | 98     |
| 31) Naphthalene                | 10.91 | 128 | 566554 | 38.625 | ng | 98     |
| 32) Benzoic acid               | 10.19 | 122 | 116299 | 40.481 | ng | 95     |
| 33) 4-Chloroaniline            | 11.02 | 127 | 248951 | 39.114 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 178399 | 38.806 | ng | 98     |
| 35) Caprolactam                | 11.80 | 113 | 63525  | 37.888 | ng | # 76   |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 198125 | 38.326 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 427848 | 38.236 | ng | 96     |
| 38) 1-Methylnaphthalene        | 12.74 | 142 | 402543 | 38.018 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 306146 | 40.352 | ng | 98     |

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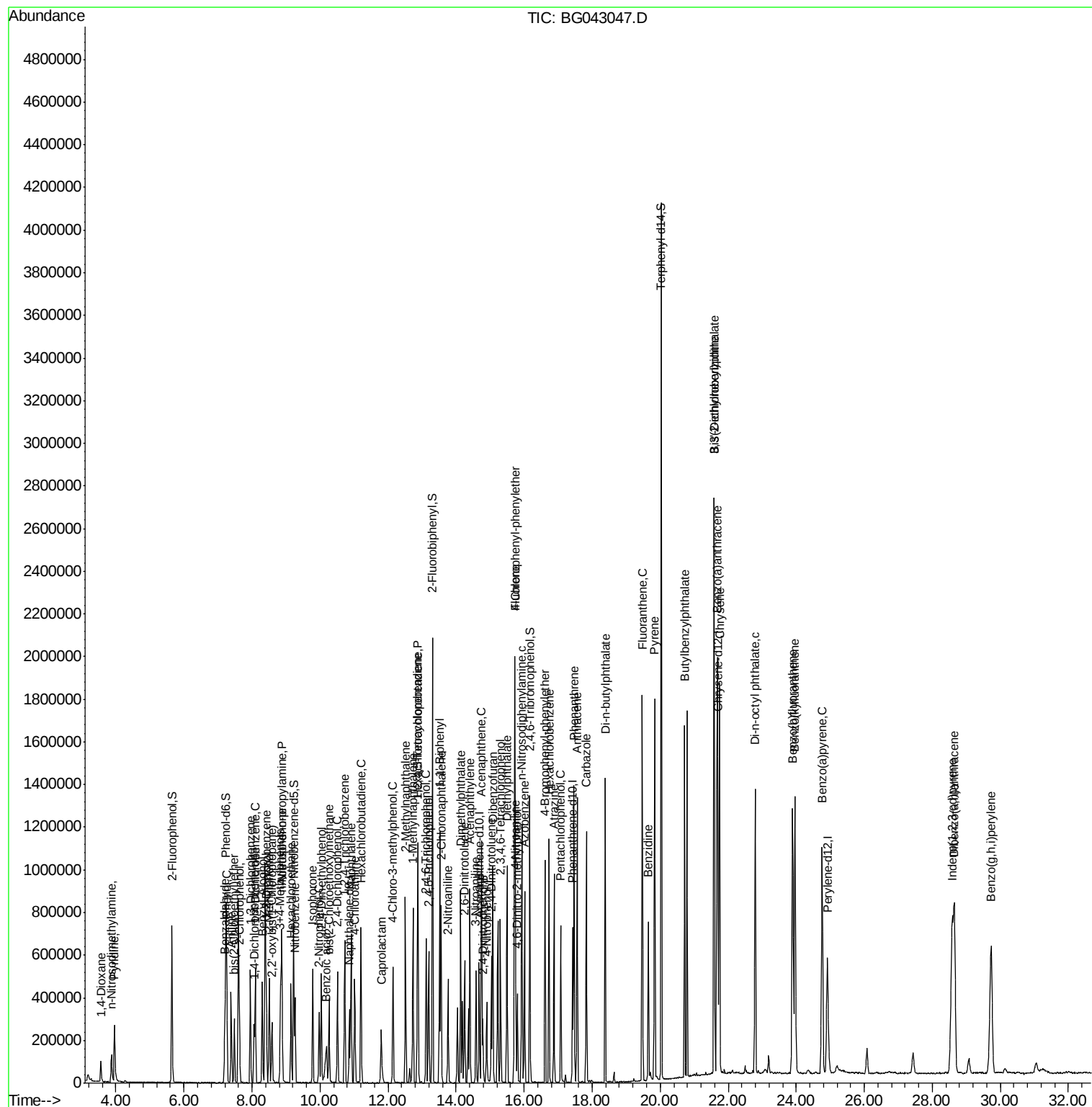
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 204482   | 42.301 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol      | 13.12 | 196  | 182436   | 41.083 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 187324   | 40.949 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.52 | 154  | 615735   | 40.239 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.56 | 162  | 460187   | 40.111 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.76 | 65   | 151278   | 39.651 | ng    | 91       |
| 49) Acenaphthylene             | 14.40 | 152  | 702823   | 40.035 | ng    | 97       |
| 50) Dimethylphthalate          | 14.13 | 163  | 584906   | 38.687 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.25 | 165  | 131108   | 40.721 | ng    | 88       |
| 52) Acenaphthene               | 14.74 | 154  | 436128   | 37.116 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 131344   | 39.474 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 73356    | 36.654 | ng    | 94       |
| 55) Dibenzofuran               | 15.08 | 168  | 680301   | 39.138 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 100242   | 39.540 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 15.04 | 165  | 186220   | 39.496 | ng    | 94       |
| 58) Fluorene                   | 15.73 | 166  | 568542   | 38.311 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 188850   | 38.773 | ng    | # 99     |
| 60) Diethylphthalate           | 15.50 | 149  | 581646   | 37.802 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.72 | 204  | 341466   | 38.366 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.75 | 138  | 145770   | 40.169 | ng    | 97       |
| 63) Azobenzene                 | 16.01 | 77   | 503356   | 35.933 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 105377   | 39.729 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.93 | 169  | 501825   | 40.555 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.61 | 248  | 241592   | 41.066 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 277760   | 42.404 | ng    | 96       |
| 69) Atrazine                   | 16.88 | 200  | 196041   | 37.624 | ng    | 96       |
| 70) Pentachlorophenol          | 17.08 | 266  | 150894   | 39.922 | ng    | 98       |
| 71) Phenanthrene               | 17.47 | 178  | 906671   | 39.621 | ng    | 98       |
| 72) Anthracene                 | 17.56 | 178  | 908881   | 39.785 | ng    | 99       |
| 73) Carbazole                  | 17.83 | 167  | 838046   | 39.559 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 1000413  | 39.580 | ng    | 99       |
| 75) Fluoranthene               | 19.47 | 202  | 1180189  | 38.992 | ng    | 99       |
| 77) Benzidine                  | 19.65 | 184  | 468989   | 36.372 | ng    | 98       |
| 78) Pyrene                     | 19.83 | 202  | 1194148  | 38.852 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.72 | 149  | 477073   | 40.892 | ng    | 95       |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 1278375  | 39.841 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 509625   | 40.495 | ng    | 99       |
| 83) Chrysene                   | 21.74 | 228  | 1235764  | 39.687 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 690390   | 41.587 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 1144794  | 42.172 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.58 | 276  | 1634295  | 42.160 | ng    | # 96     |
| 88) Benzo(b)fluoranthene       | 23.89 | 252  | 1399337  | 40.223 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.96 | 252  | 1311129  | 38.096 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.76 | 252  | 1299594  | 39.594 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.65 | 278  | 1355119  | 40.262 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 29.73 | 276  | 1319116  | 40.450 | ng    | 96       |

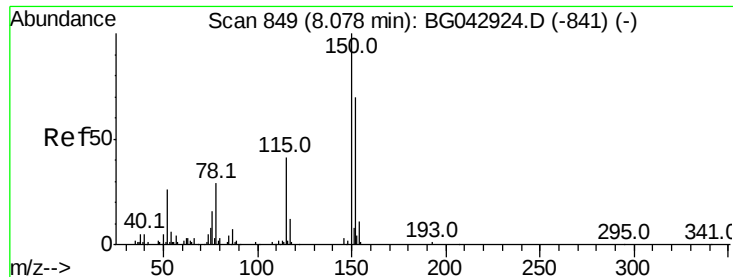
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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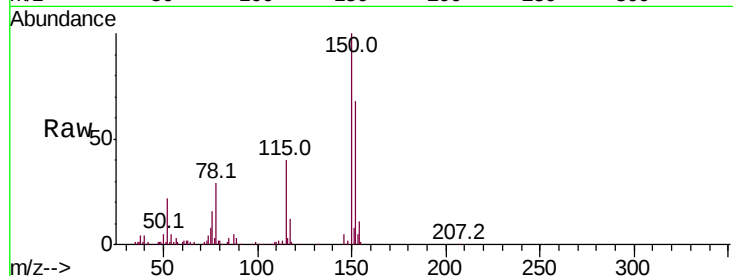


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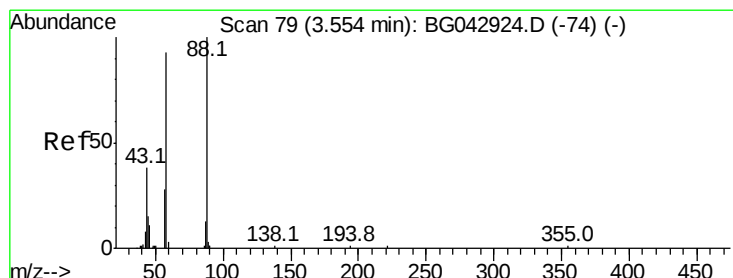
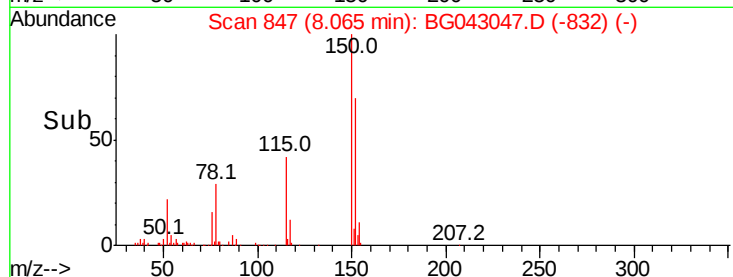
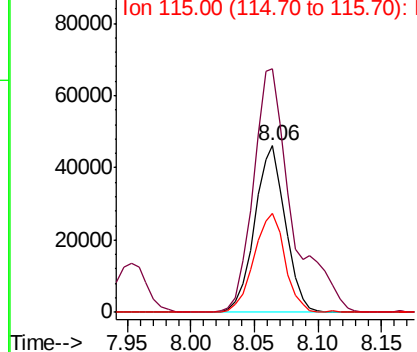
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 847  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

Instrument :  
BNA\_G  
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SSTDCCC040

Tot Ion:152 Resp: 77754  
Ion Ratio Lower Upper  
152 100  
150 146.4 115.0 172.4  
115 59.3 47.0 70.6



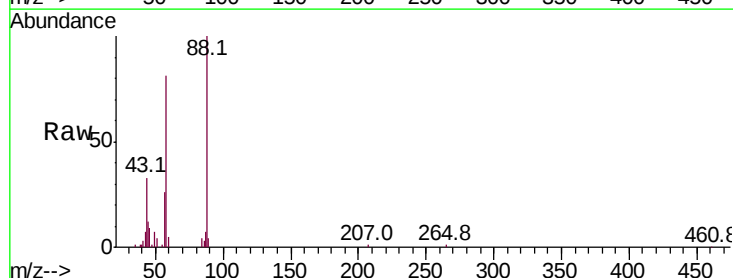
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



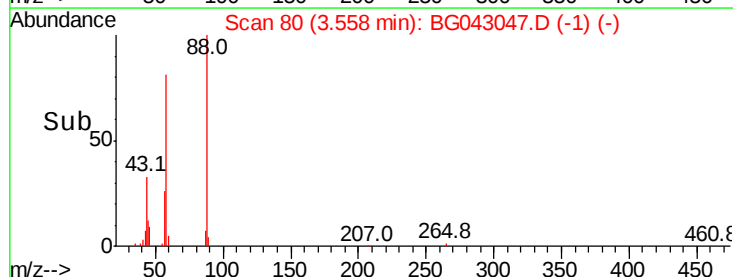
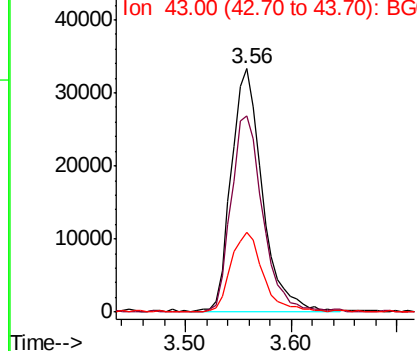
#2

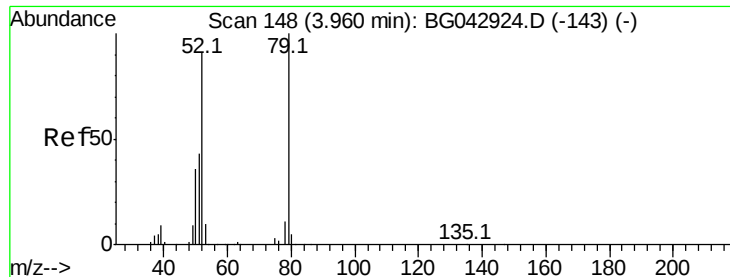
1,4-Dioxane  
Concen: 37.384 ng  
RT: 3.56 min Scan# 80  
Delta R.T. 0.00 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

Tgt Ion: 88 Resp: 67908  
Ion Ratio Lower Upper  
88 100  
58 82.2 74.3 111.5  
43 33.6 29.8 44.8



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: 39.224 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.00 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

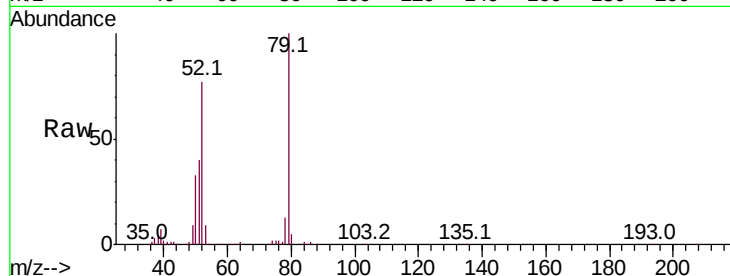
Tot Ion: 79 Resp: 200399

Ion Ratio Lower Upper

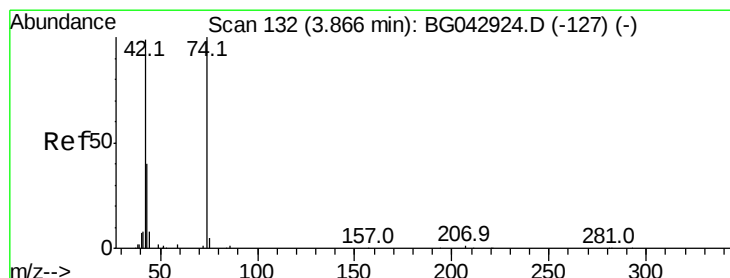
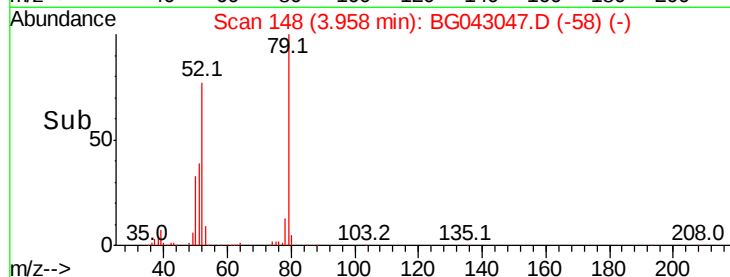
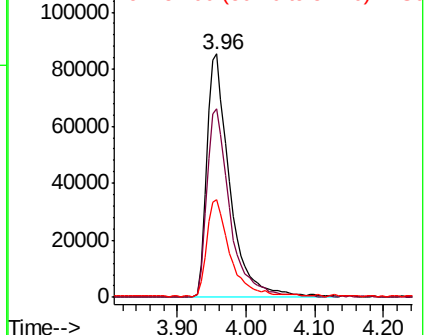
79 100

52 77.4 73.0 109.4

51 40.0 35.1 52.7



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: 36.501 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.00 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

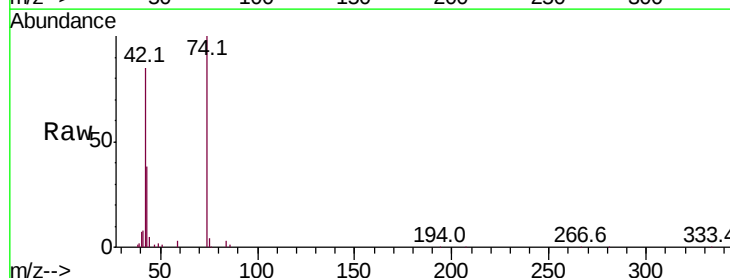
Tgt Ion: 42 Resp: 89679

Ion Ratio Lower Upper

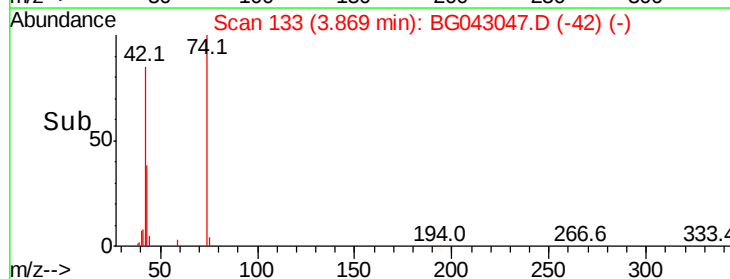
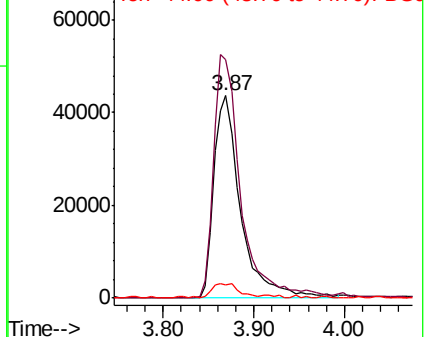
42 100

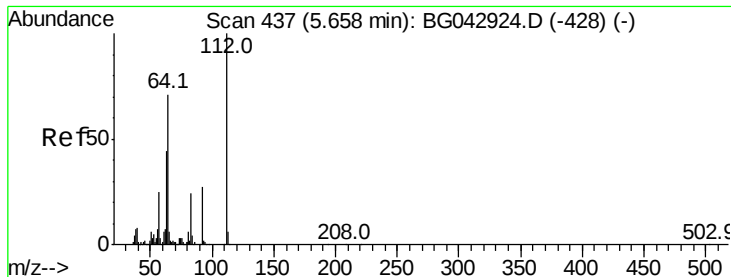
74 118.1 80.5 120.7

44 6.4 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 80.984 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

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ClientSampleId :

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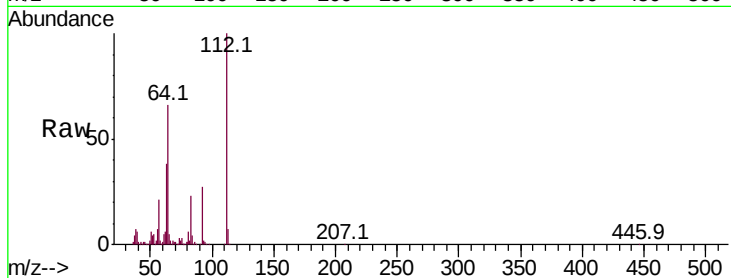
Tot Ion:112 Resp: 352837

Ion Ratio Lower Upper

112 100

64 66.1 56.6 84.8

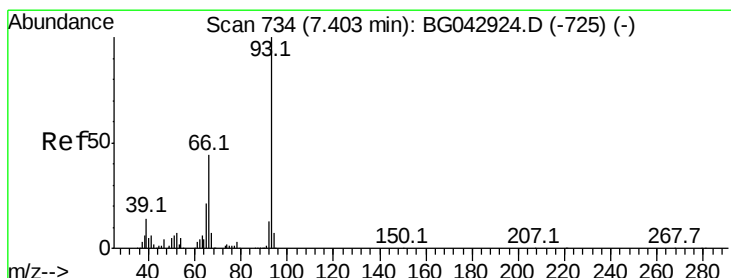
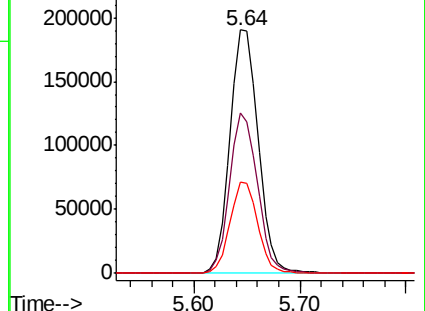
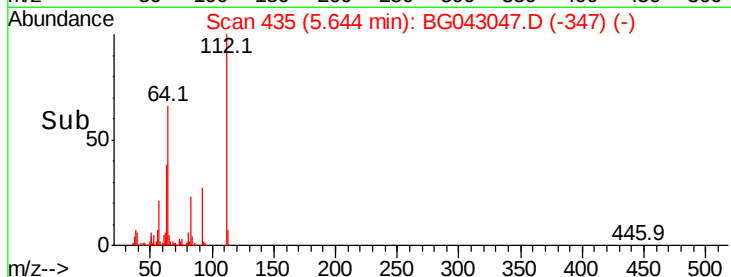
63 37.7 35.1 52.7



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: 38.105 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

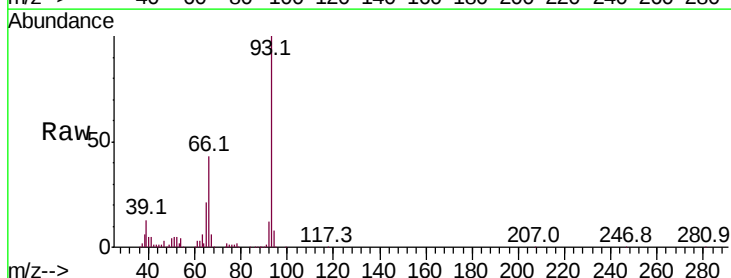
Tgt Ion: 93 Resp: 288596

Ion Ratio Lower Upper

93 100

66 42.6 35.0 52.6

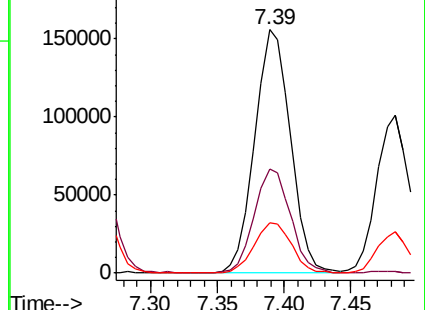
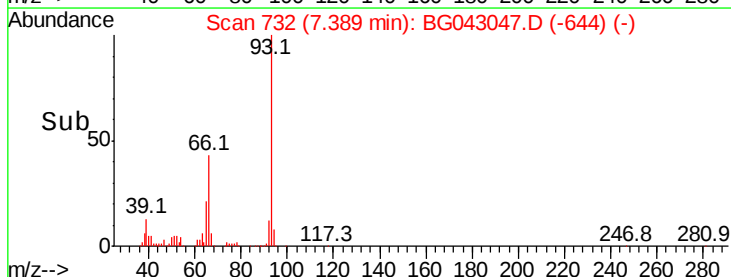
65 20.6 17.4 26.0

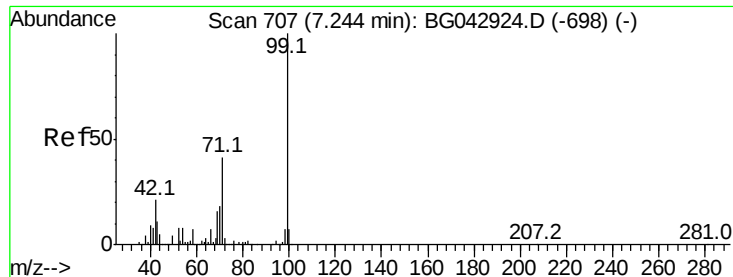


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.122 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

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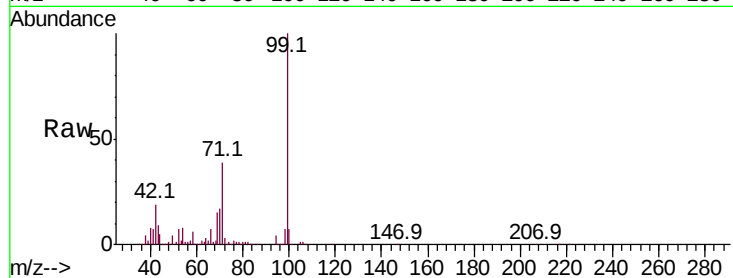
Tot Ion: 99 Resp: 490151

Ion Ratio Lower Upper

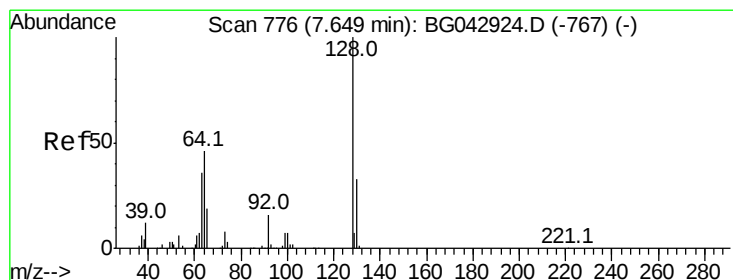
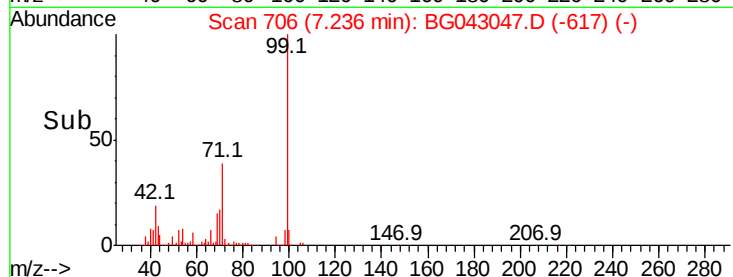
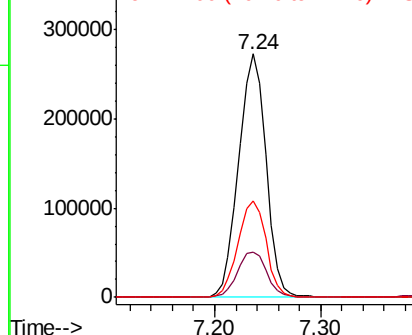
99 100

42 18.7 17.2 25.8

71 39.4 33.1 49.7



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: 40.608 ng

RT: 7.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

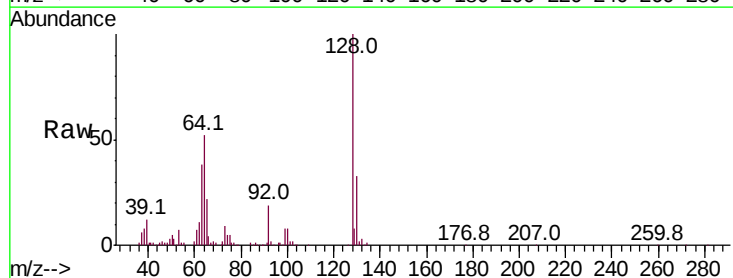
Tgt Ion: 128 Resp: 184507

Ion Ratio Lower Upper

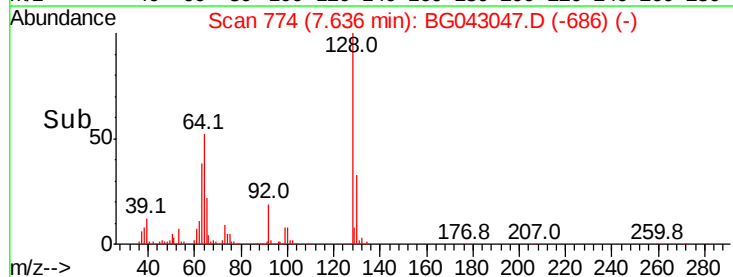
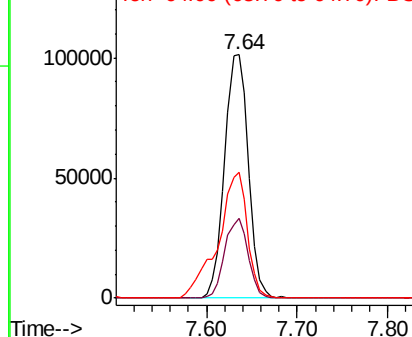
128 100

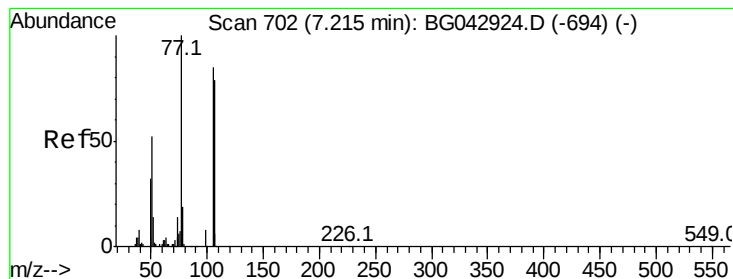
130 33.0 12.5 52.5

64 51.9 32.8 72.8



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: 36.594 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

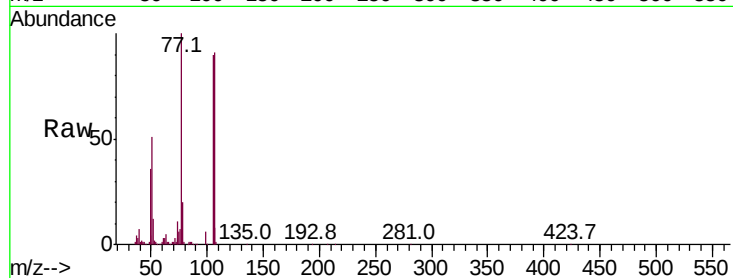
Tot Ion: 77 Resp: 140301

Ion Ratio Lower Upper

77 100

105 89.6 64.6 104.6

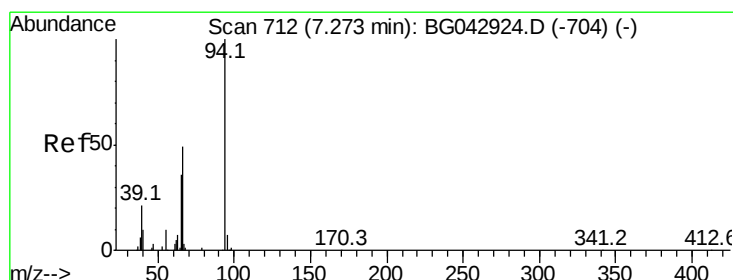
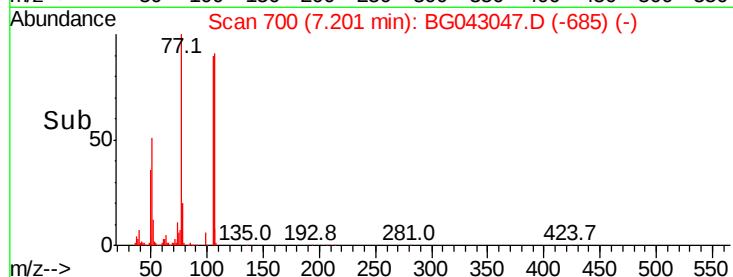
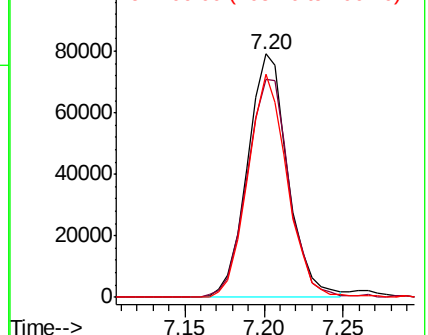
106 91.5 59.4 99.4



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: 38.938 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

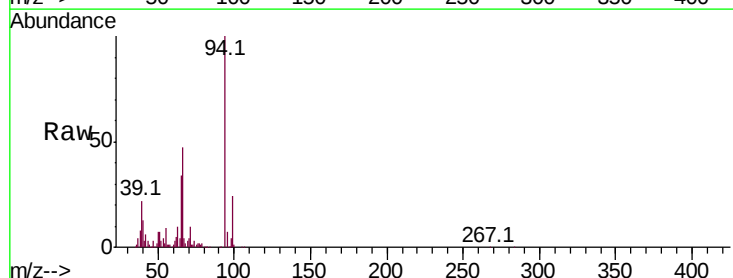
Tgt Ion: 94 Resp: 224142

Ion Ratio Lower Upper

94 100

65 34.1 16.6 56.6

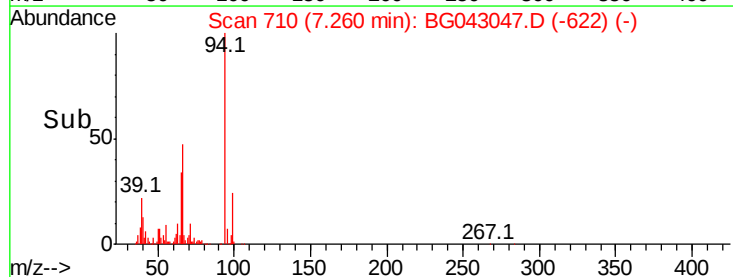
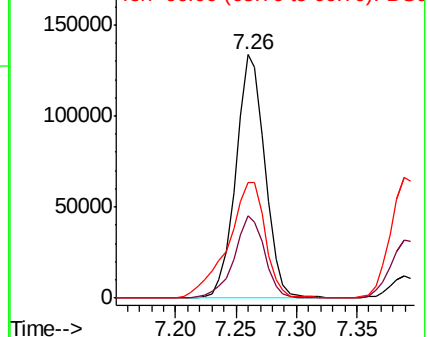
66 47.3 32.4 72.4

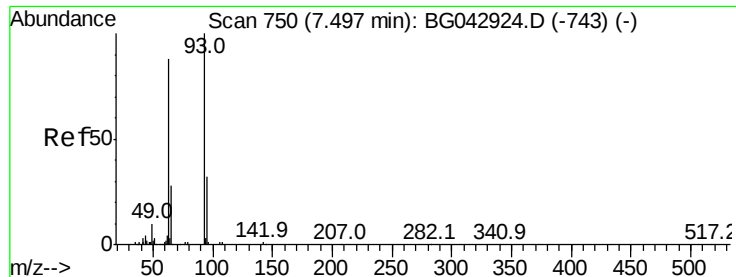


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

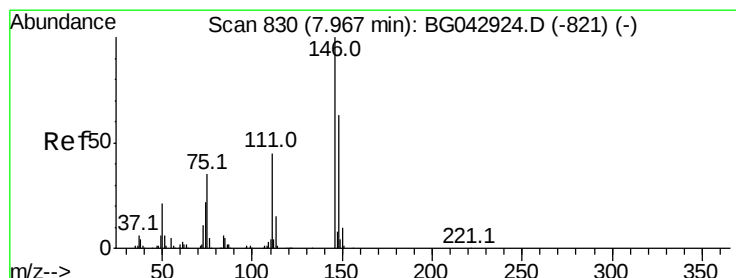
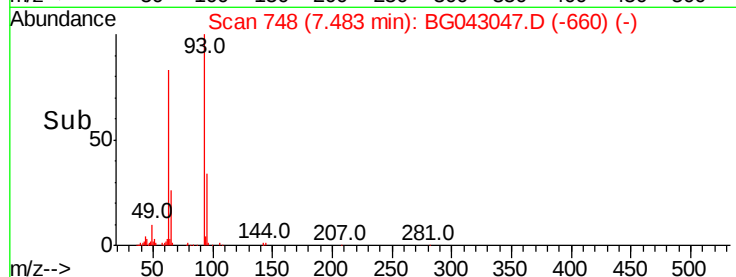
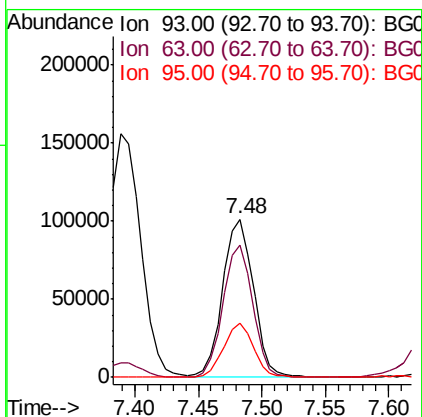
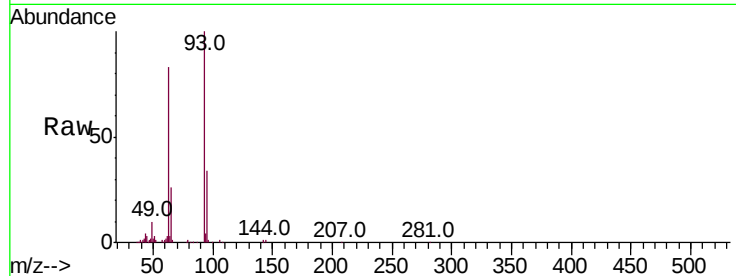




#11  
bis(2-Chloroethyl)ether  
Concen: 37.962 ng  
RT: 7.48 min Scan# 748  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

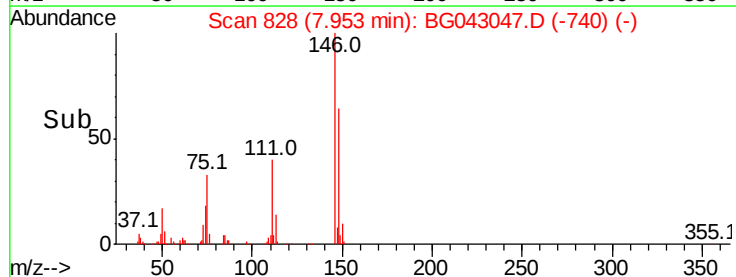
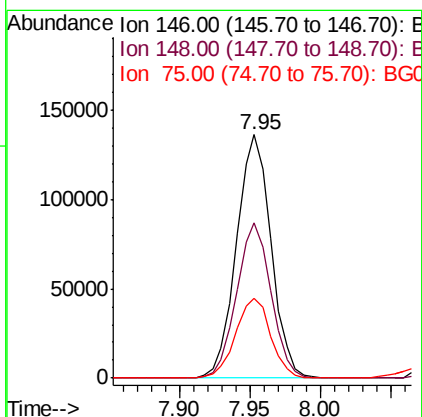
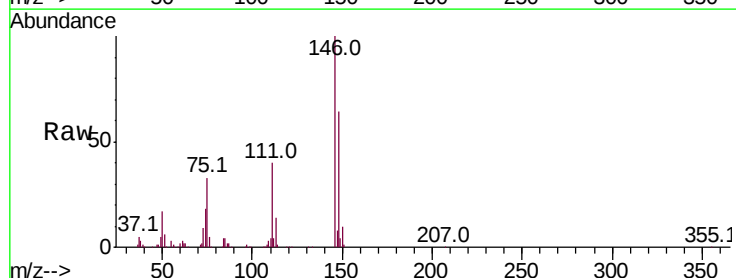
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

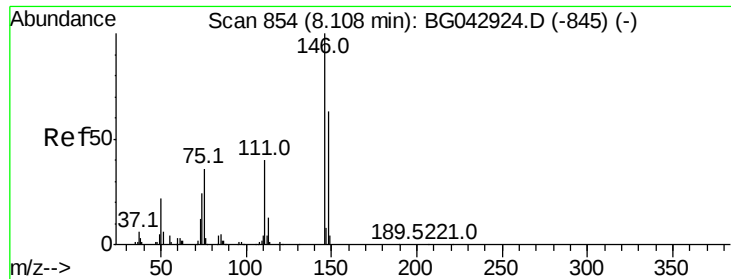
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 83.3  | 67.4  | 107.4 |
| 95      | 34.3  | 11.9  | 51.9  |



#12  
1,3-Dichlorobenzene  
Concen: 40.202 ng  
RT: 7.95 min Scan# 828  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 50.7  | 76.1  |
| 75      | 32.6  | 27.7  | 41.5  |

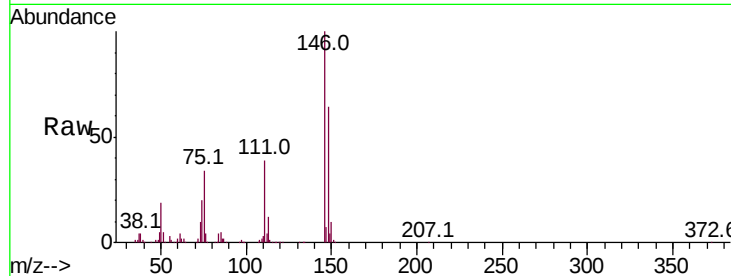




#13  
 1,4-Dichlorobenzene  
 Concen: 40.605 ng  
 RT: 8.10 min Scan# 853  
 Delta R.T. -0.01 min  
 Lab File: BG043047.D  
 Acq: 5 Oct 2019 9:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 50.9  | 76.3  |
| 111     | 39.3  | 31.8  | 47.8  |

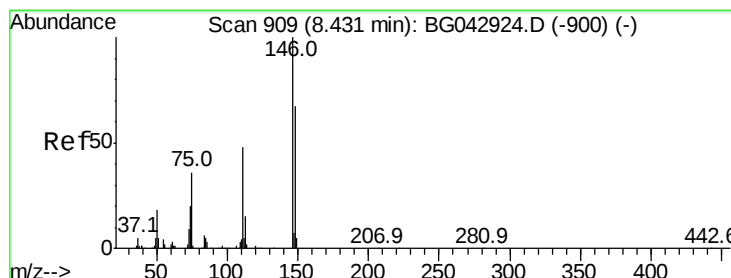
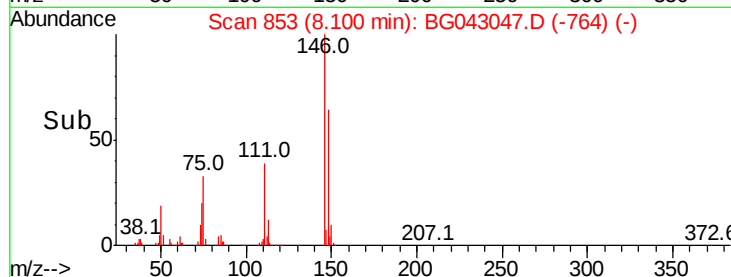
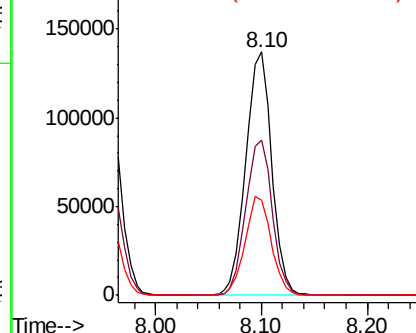


Abundance

Ion 146.00 (145.70 to 146.70): E

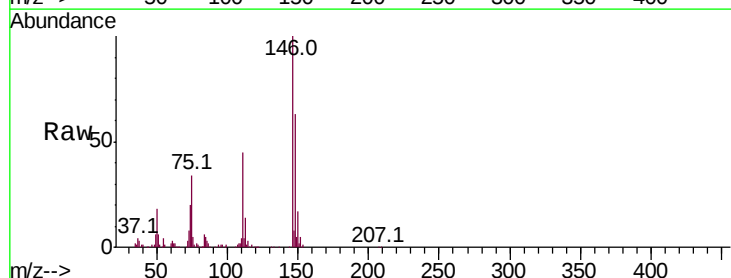
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 40.012 ng  
 RT: 8.42 min Scan# 907  
 Delta R.T. -0.01 min  
 Lab File: BG043047.D  
 Acq: 5 Oct 2019 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 53.4  | 80.2  |
| 111     | 44.7  | 38.5  | 57.7  |

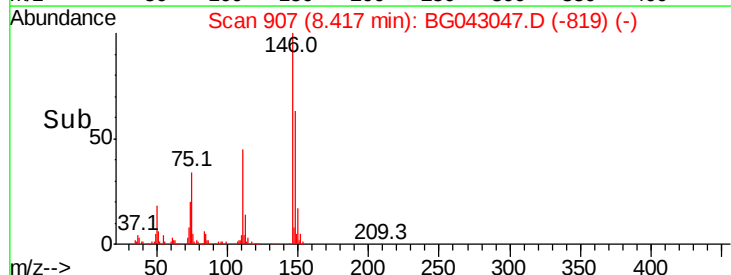
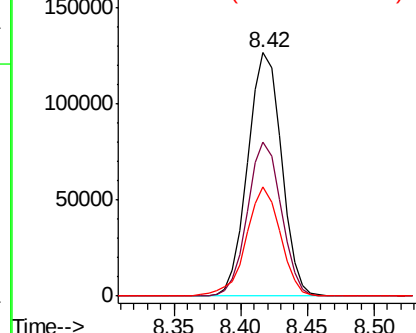


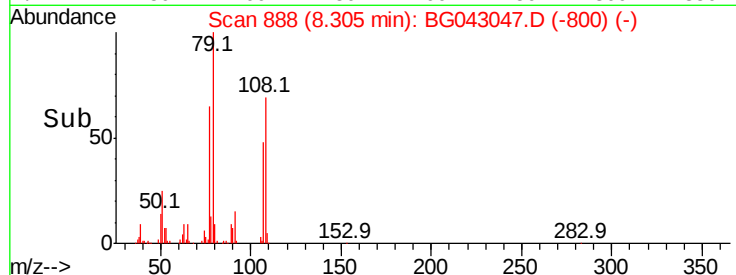
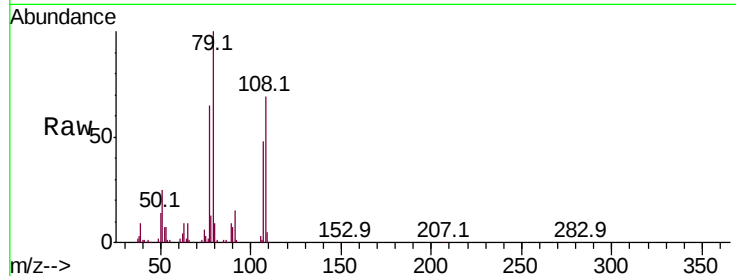
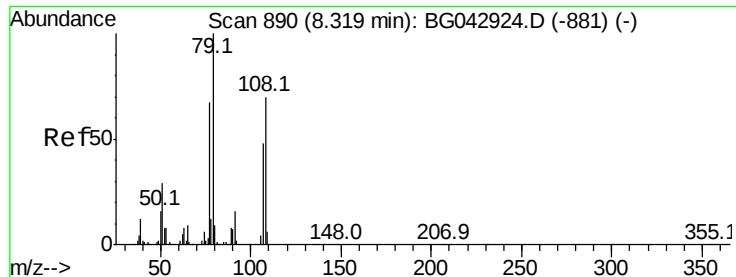
Abundance

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: 38.625 ng

RT: 8.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

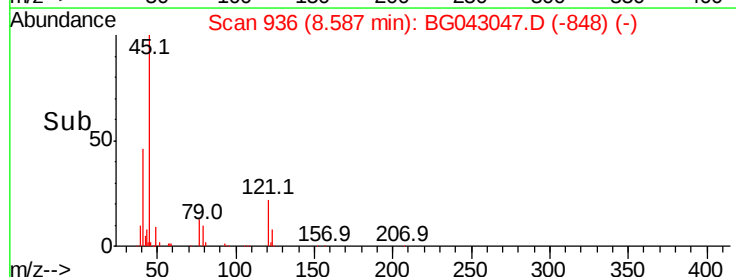
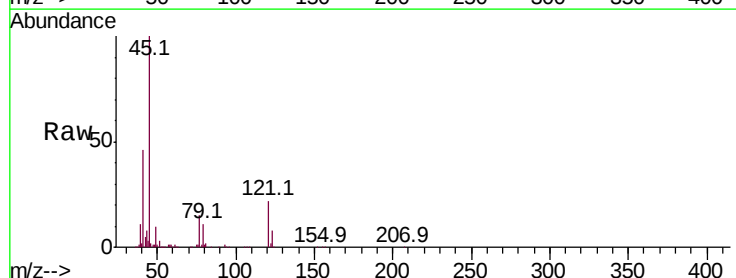
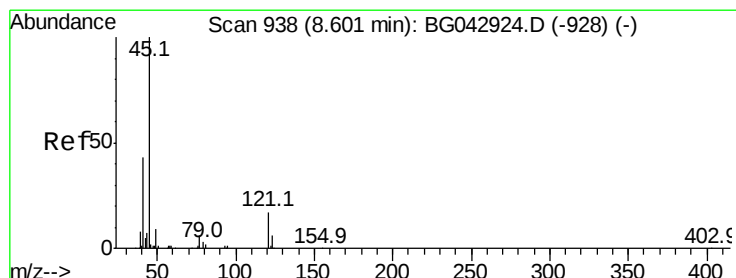
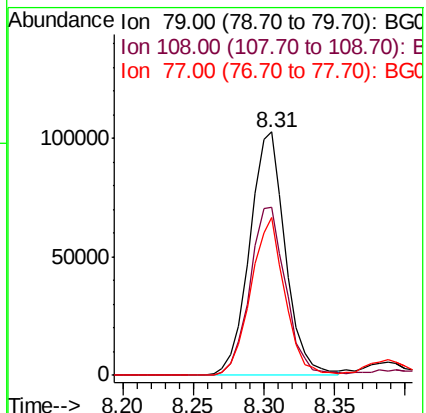
Tot Ion: 79 Resp: 182199

Ion Ratio Lower Upper

79 100

108 69.2 55.7 83.5

77 64.6 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.117 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

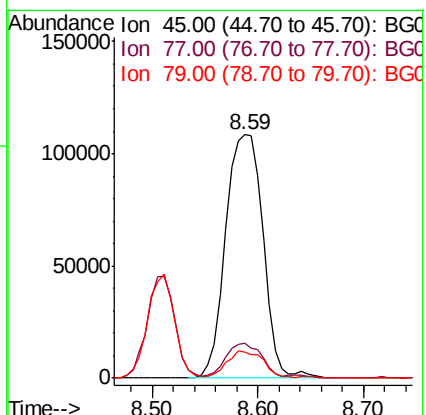
Tgt Ion: 45 Resp: 266159

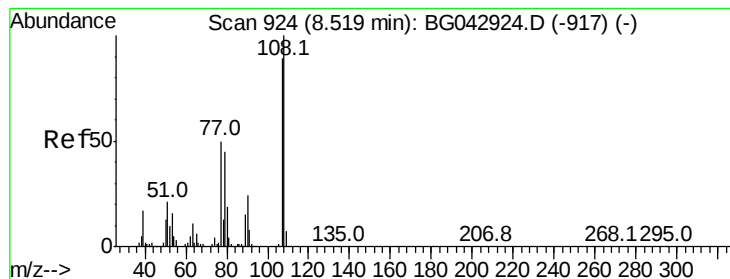
Ion Ratio Lower Upper

45 100

77 14.5 0.0 32.8

79 10.7 0.0 29.4





#17

2-Methylphenol

Concen: 37.914 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 152709

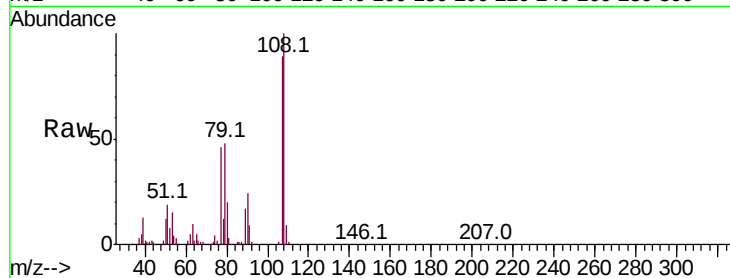
Ion Ratio Lower Upper

107 100

108 112.9 89.9 134.9

77 52.3 45.4 68.2

79 54.1 41.4 62.0

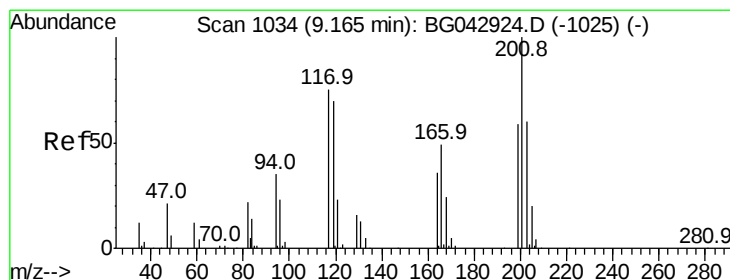
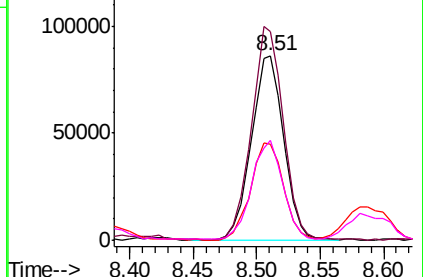
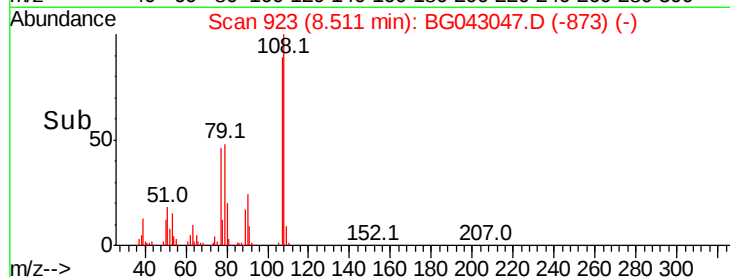


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.481 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

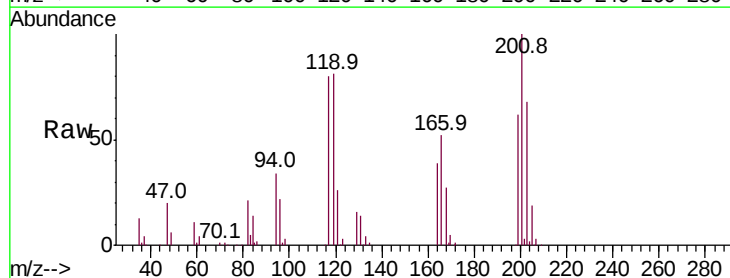
Tgt Ion:117 Resp: 83741

Ion Ratio Lower Upper

117 100

119 101.7 74.6 111.8

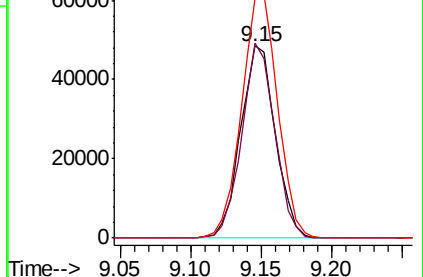
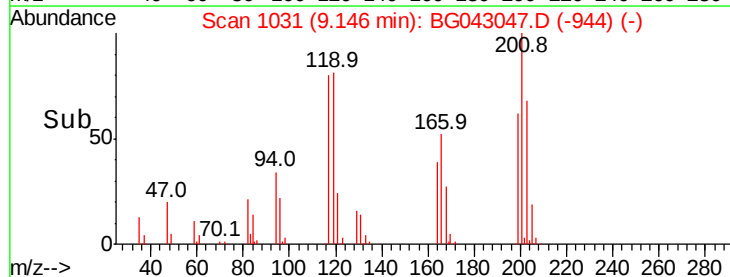
201 124.9 106.0 159.0

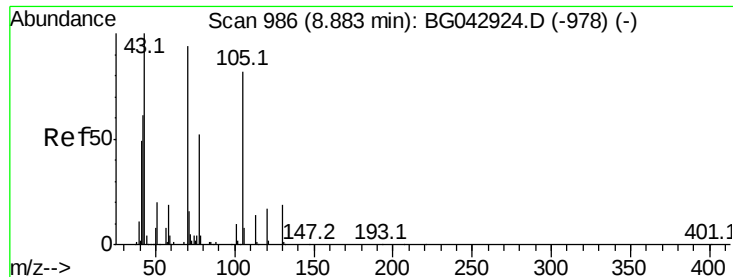


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

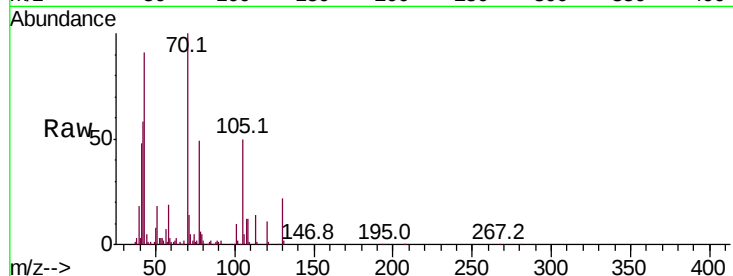




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.536 ng  
RT: 8.86 min Scan# 983  
Delta R.T. -0.02 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 146403 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 58.2  | 52.6  | 79.0   |
| 101      | 10.3  | 8.7   | 13.1   |
| 130      | 21.9  | 15.8  | 23.8   |



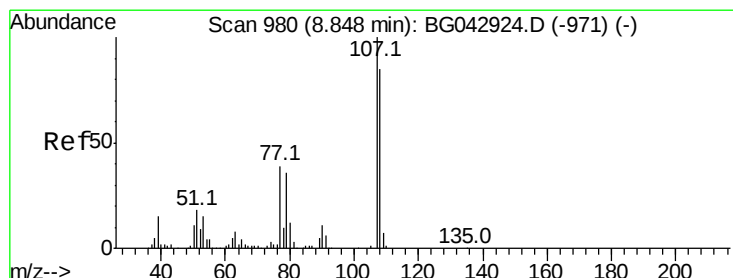
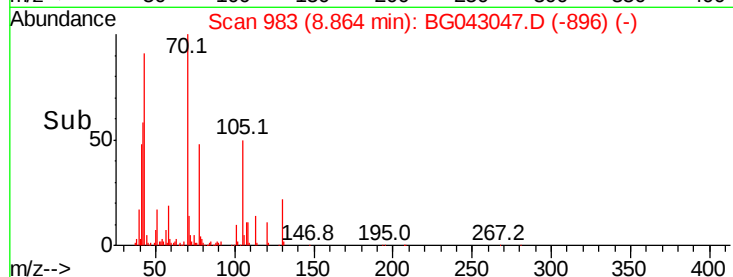
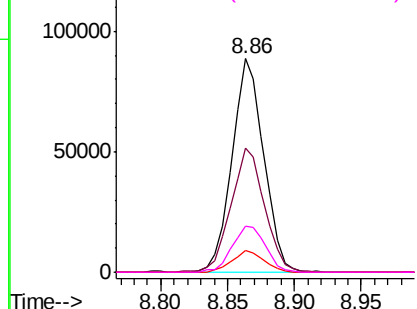
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

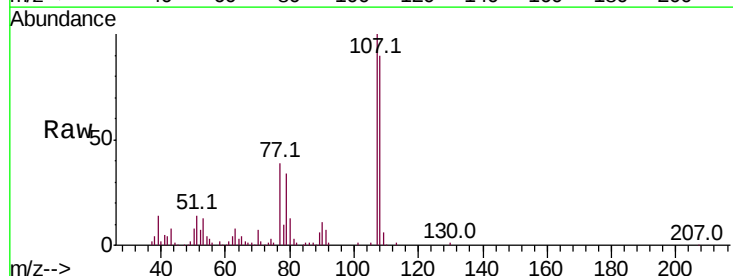
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20  
3+4-Methylphenols  
Concen: 39.121 ng  
RT: 8.84 min Scan# 979  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 215937 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.9  | 64.9  | 104.9  |
| 77       | 38.8  | 19.4  | 59.4   |
| 79       | 33.9  | 16.2  | 56.2   |



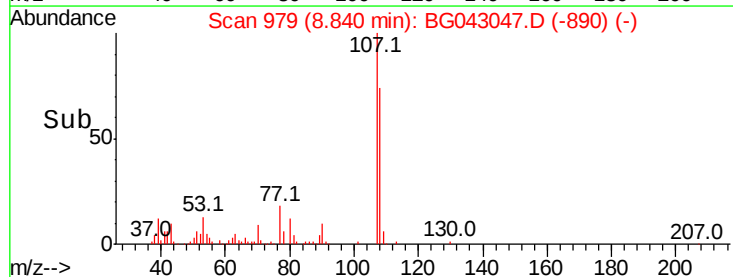
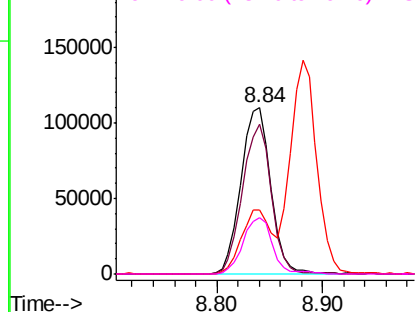
Abundance

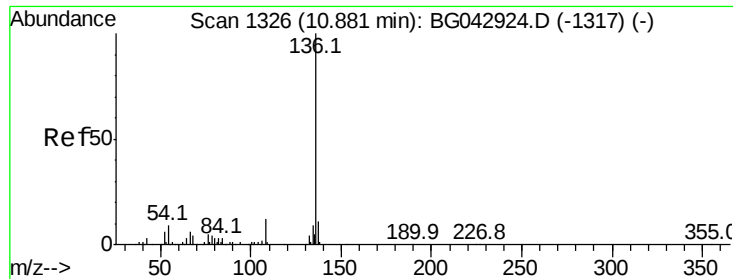
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 297969

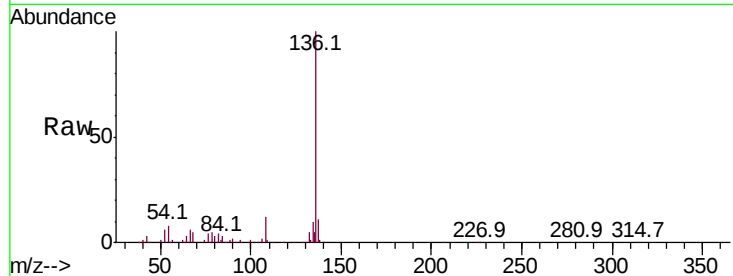
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 8.3 7.4 11.2

68 4.9 3.6 5.4

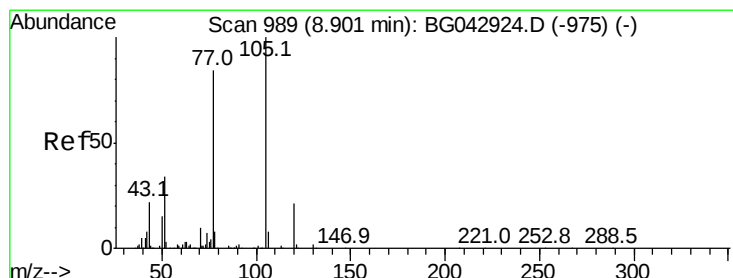
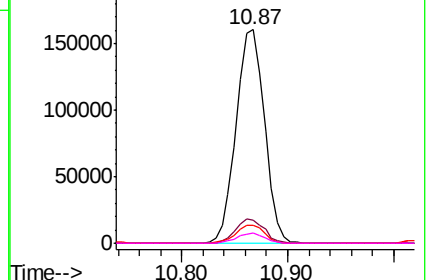
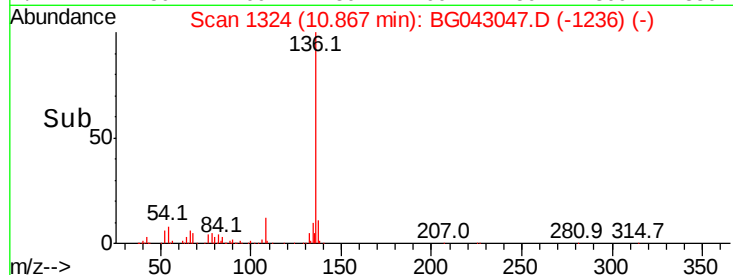


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.445 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.02 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Tgt Ion:105 Resp: 302963

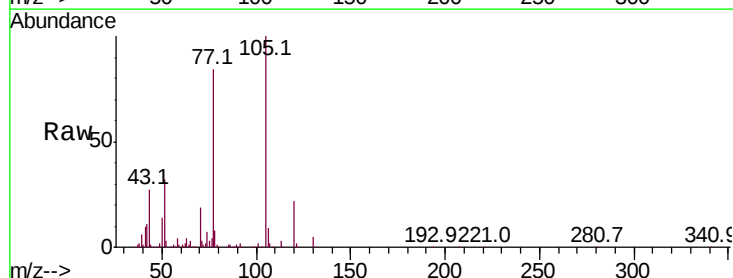
Ion Ratio Lower Upper

105 100

71 3.0 1.2 1.8#

51 32.2 27.2 40.8

120 21.8 16.9 25.3

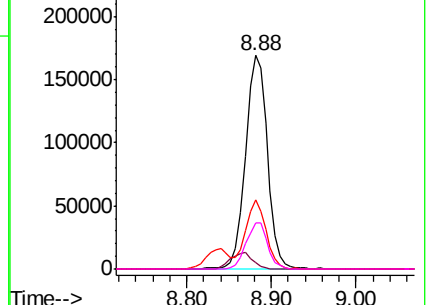
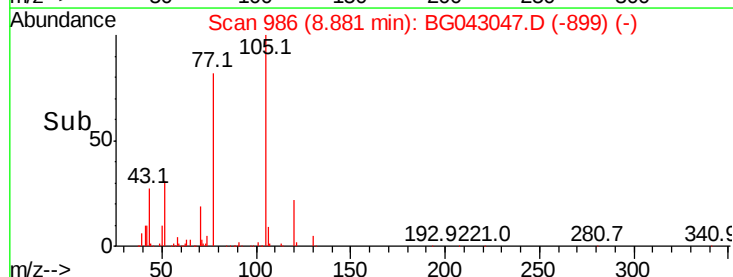


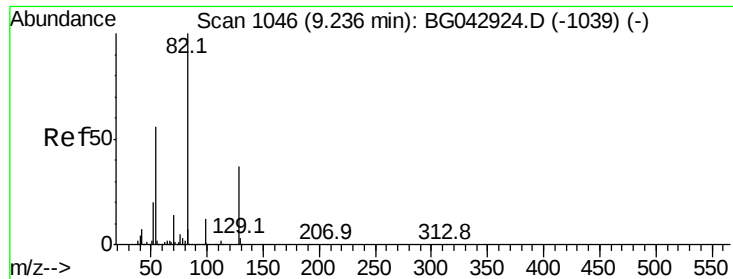
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.469 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

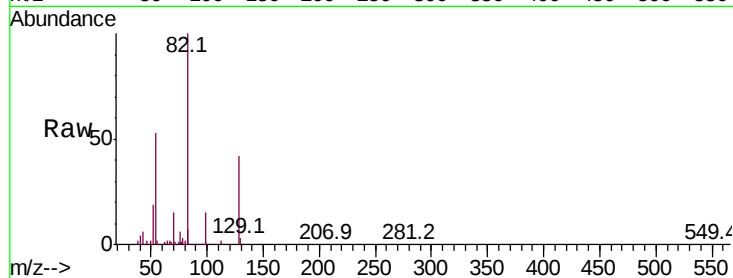
Tot Ion: 82 Resp: 468786

Ion Ratio Lower Upper

82 100

128 42.2 29.5 44.3

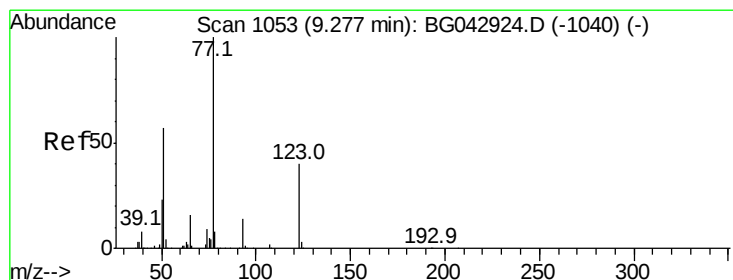
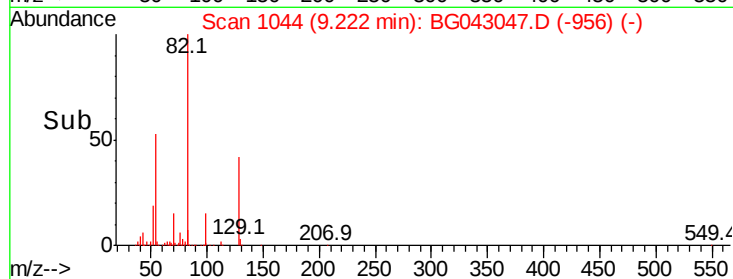
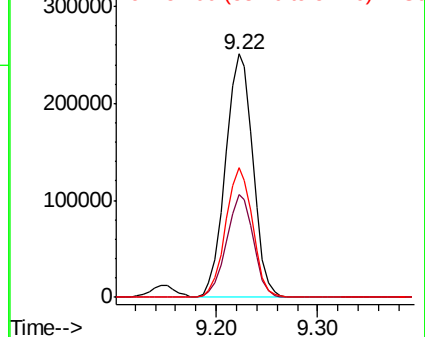
54 53.1 44.6 67.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 38.416 ng

RT: 9.26 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

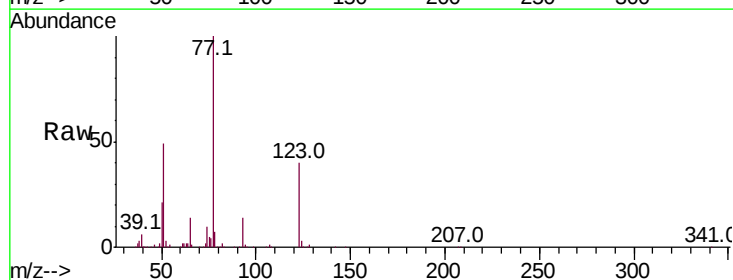
Tgt Ion: 77 Resp: 224638

Ion Ratio Lower Upper

77 100

123 40.4 31.9 47.9

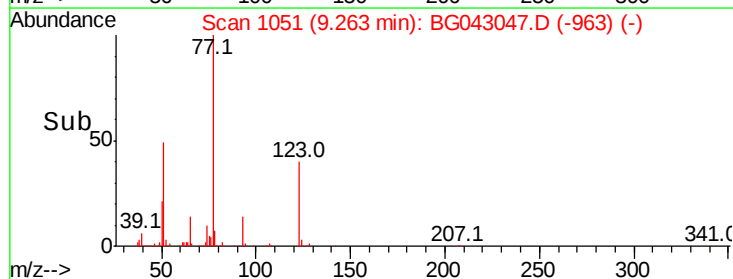
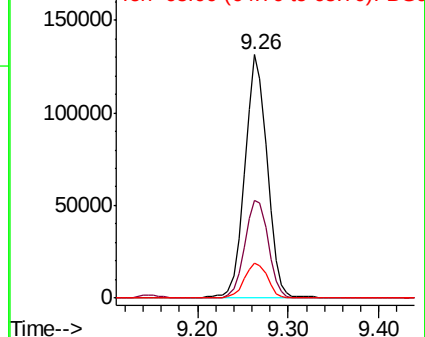
65 14.4 12.4 18.6

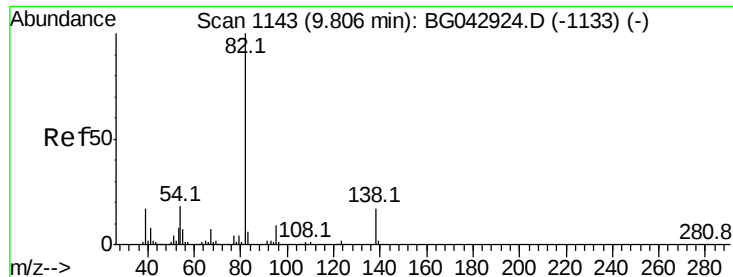


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 37.154 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

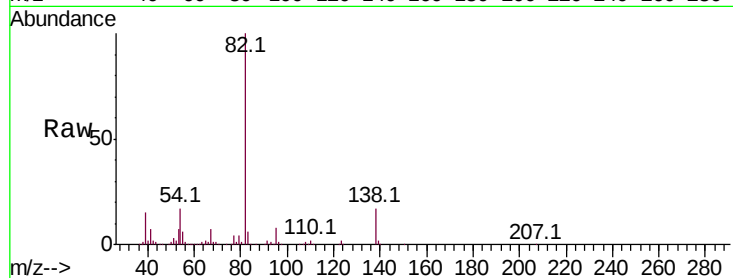
Tot Ion: 82 Resp: 400087

Ion Ratio Lower Upper

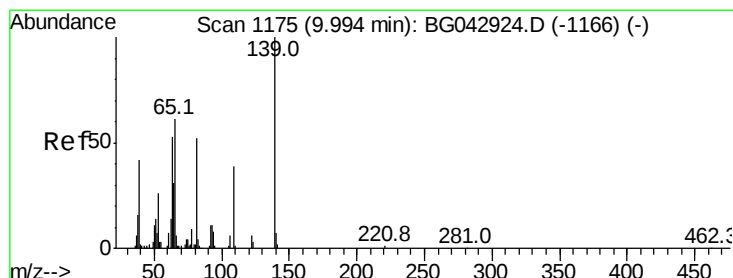
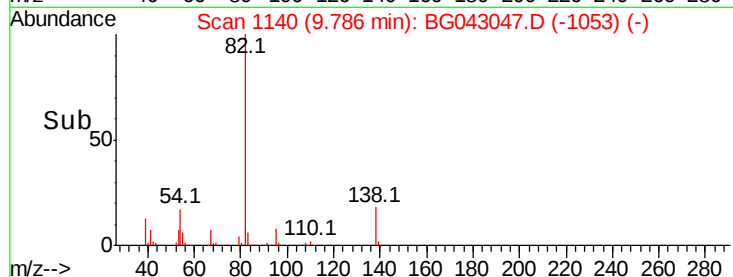
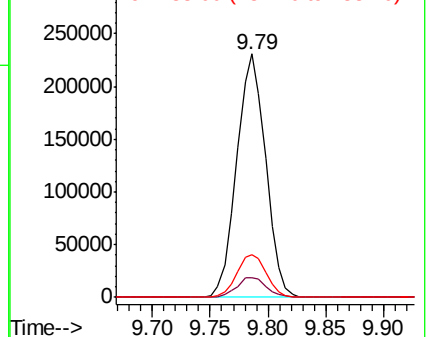
82 100

95 8.0 7.0 10.4

138 17.5 13.8 20.6



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



#26

2-Nitrophenol

Concen: 41.943 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

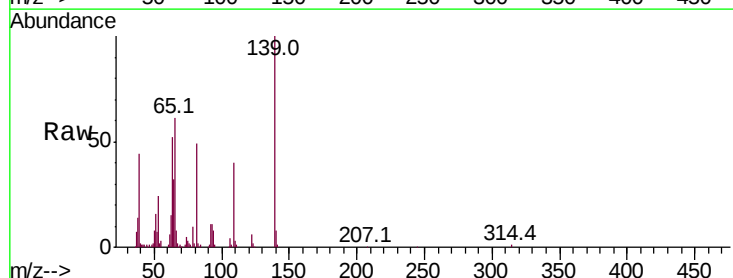
Tgt Ion: 139 Resp: 104408

Ion Ratio Lower Upper

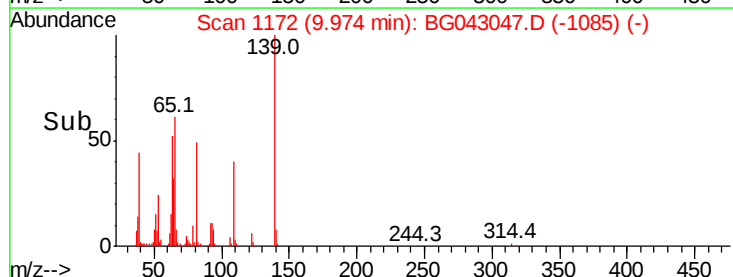
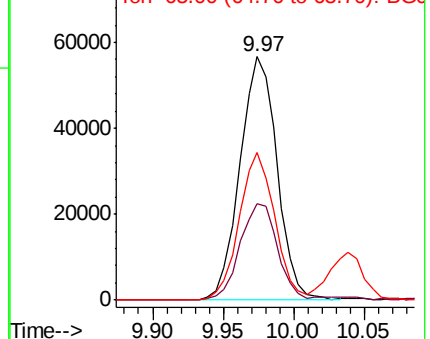
139 100

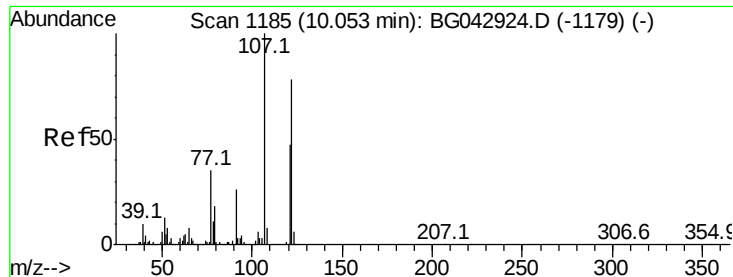
109 39.5 31.0 46.6

65 60.8 48.4 72.6



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

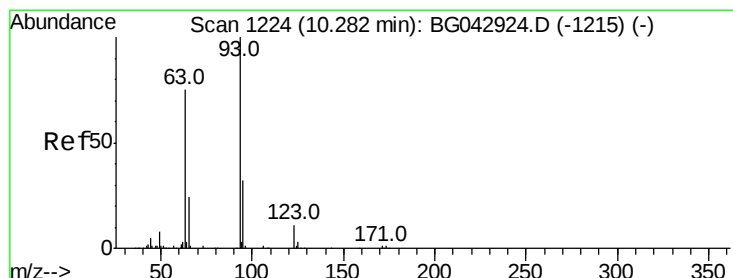
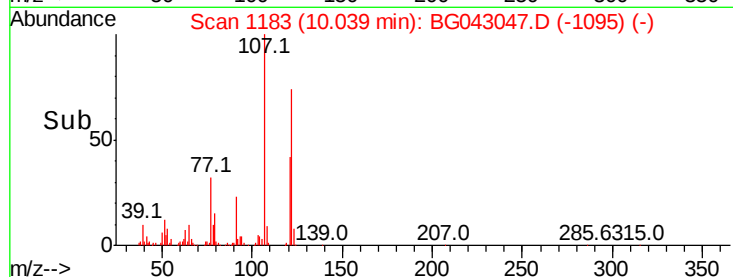
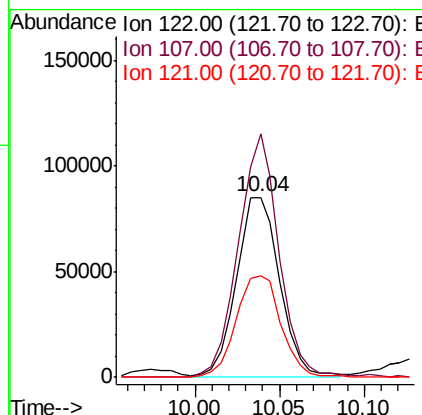
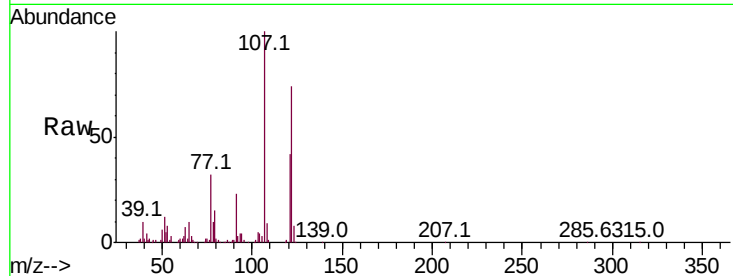




#27  
 2,4-Dimethylphenol  
 Concen: 39.375 ng  
 RT: 10.04 min Scan# 1183  
 Delta R.T. -0.01 min  
 Lab File: BG043047.D  
 Acq: 5 Oct 2019 9:47

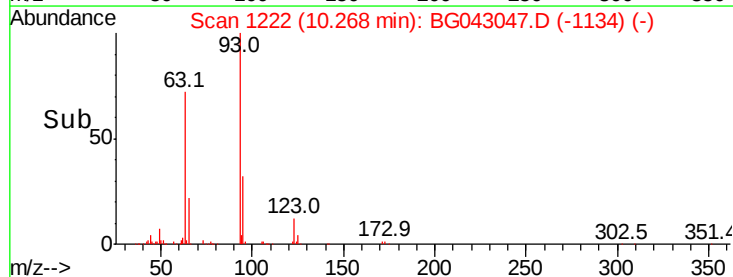
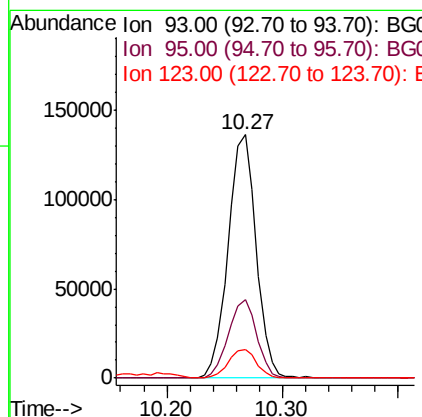
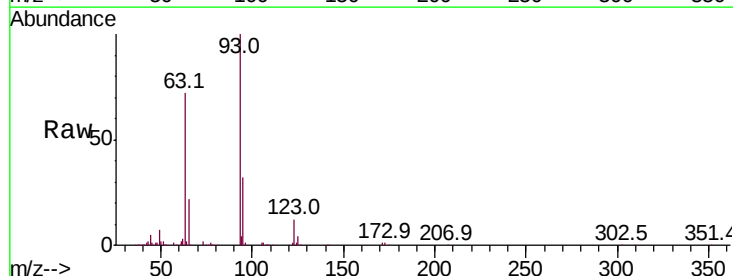
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

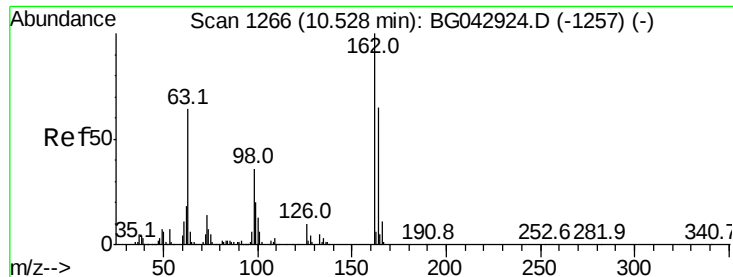
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 135.5 | 102.2 | 153.2 |
| 121     | 56.4  | 48.5  | 72.7  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.612 ng  
 RT: 10.27 min Scan# 1222  
 Delta R.T. -0.01 min  
 Lab File: BG043047.D  
 Acq: 5 Oct 2019 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 25.4  | 38.0  |
| 123     | 11.9  | 9.3   | 13.9  |

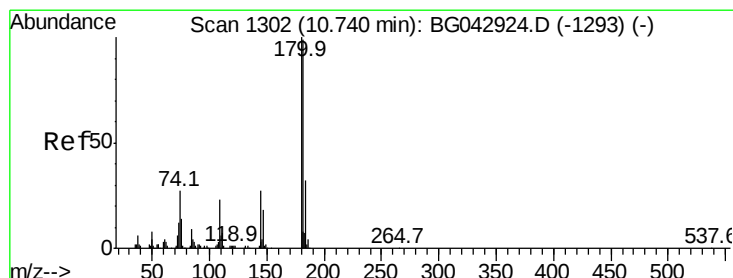
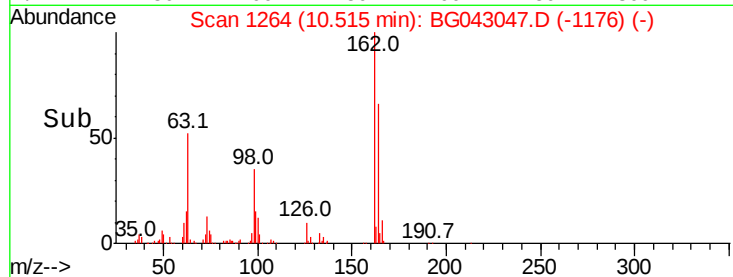
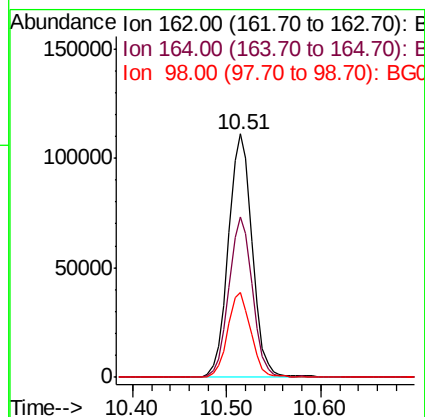
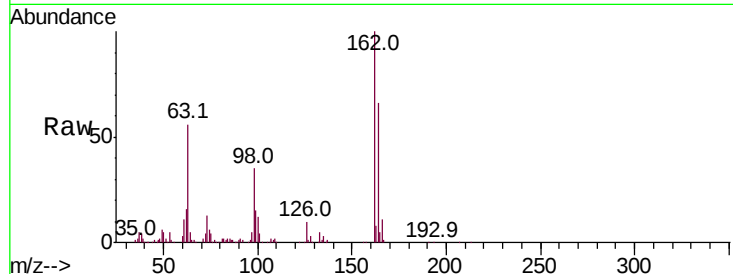




#29  
2,4-Dichlorophenol  
Concen: 41.129 ng  
RT: 10.51 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

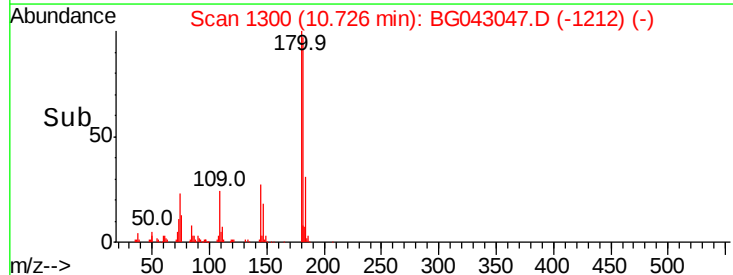
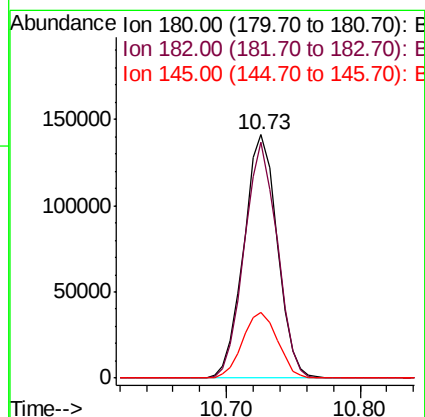
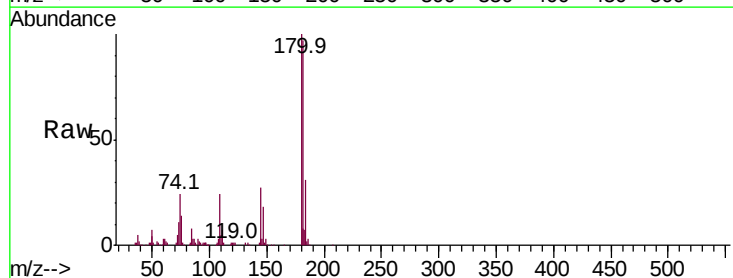
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

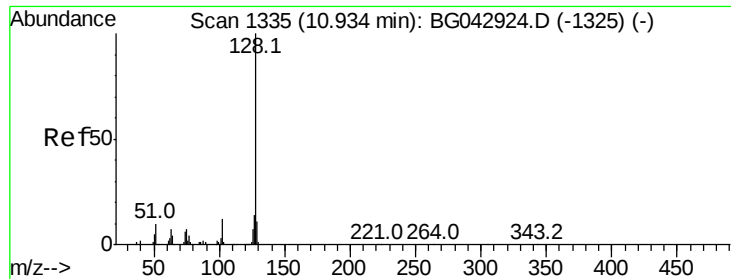
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.8  | 44.7  | 84.7  |
| 98      | 34.9  | 16.0  | 56.0  |



#30  
1,2,4-Trichlorobenzene  
Concen: 39.918 ng  
RT: 10.73 min Scan# 1300  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.8  | 79.3  | 118.9 |
| 145     | 26.7  | 22.0  | 33.0  |

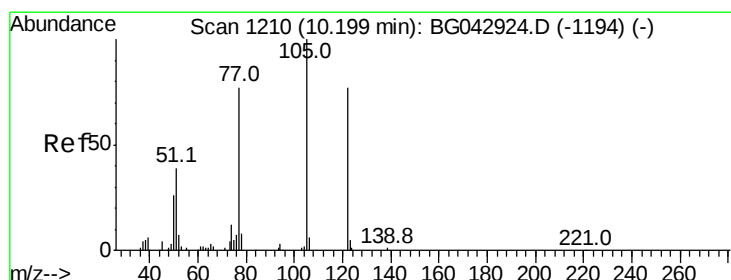
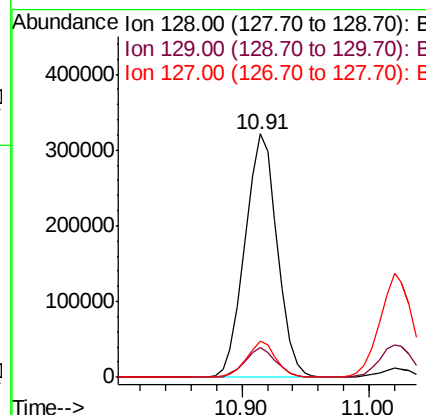
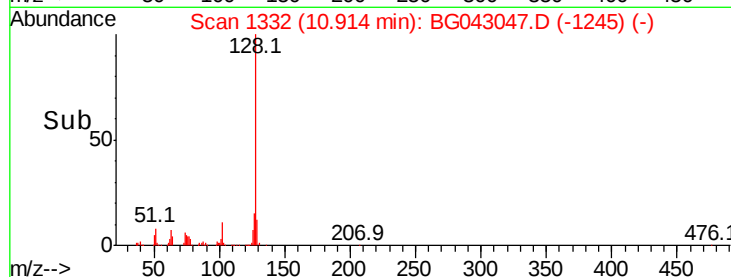
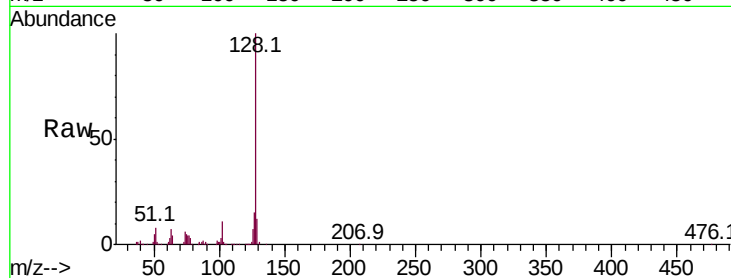




#31  
Naphthalene  
Concen: 38.625 ng  
RT: 10.91 min Scan# 1332  
Delta R.T. -0.02 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

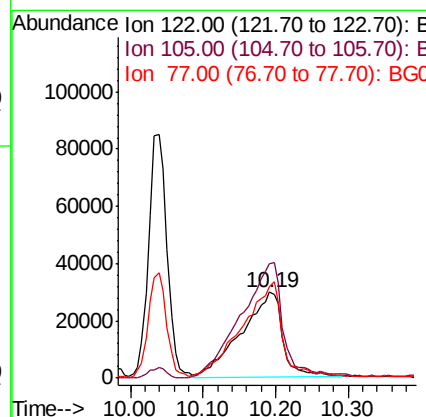
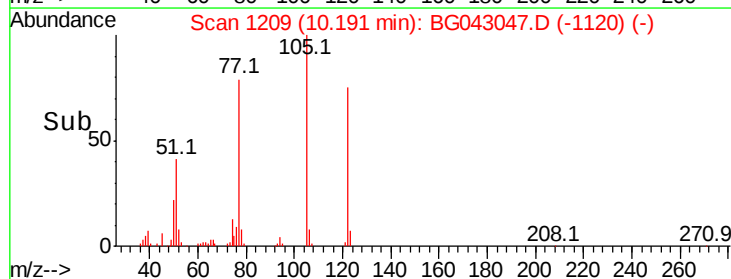
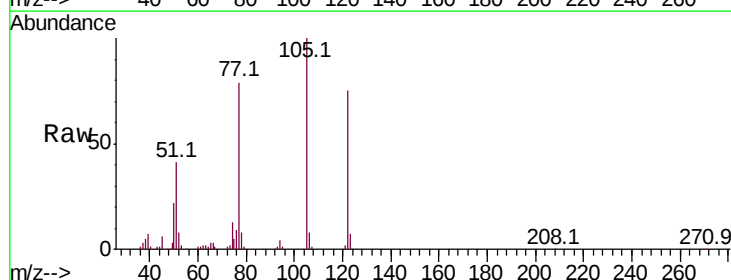
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

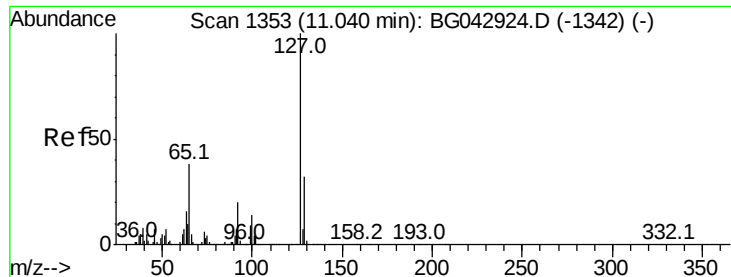
Tot Ion:128 Resp: 566554  
Ion Ratio Lower Upper  
128 100  
129 12.0 8.8 13.2  
127 14.9 11.3 16.9



#32  
Benzoic acid  
Concen: 40.481 ng  
RT: 10.19 min Scan# 1209  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

Tgt Ion:122 Resp: 116299  
Ion Ratio Lower Upper  
122 100  
105 133.2 107.5 147.5  
77 105.7 79.8 119.8

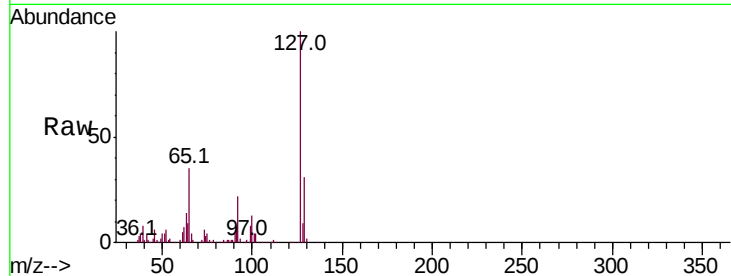




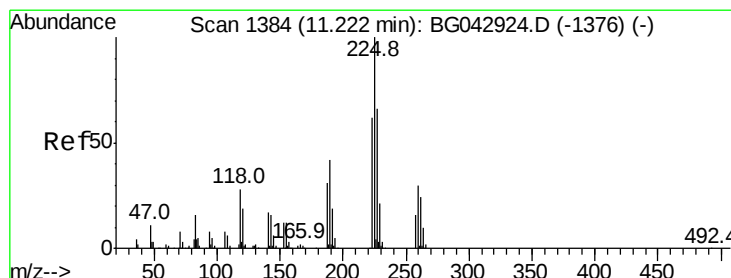
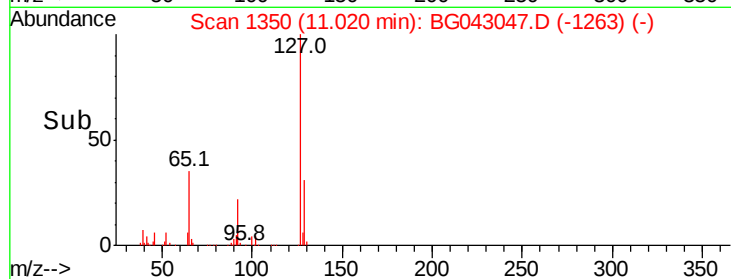
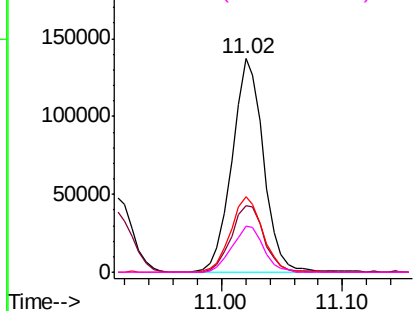
#33  
4-Chloroaniline  
Concen: 39.114 ng  
RT: 11.02 min Scan# 1350  
Delta R.T. -0.02 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|             |              |
|-------------|--------------|
| Tot Ion:127 | Resp: 248951 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 31.1    | 26.2 39.2    |
| 65 35.2     | 30.6 45.8    |
| 92 21.7     | 16.2 24.4    |

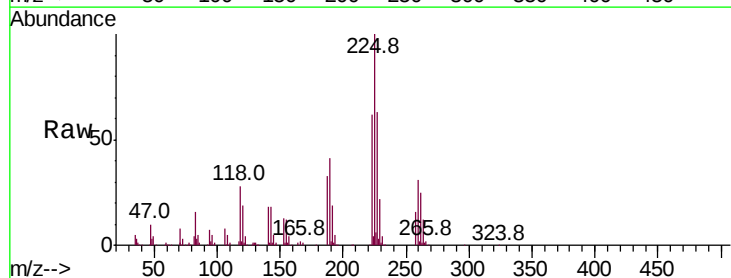


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

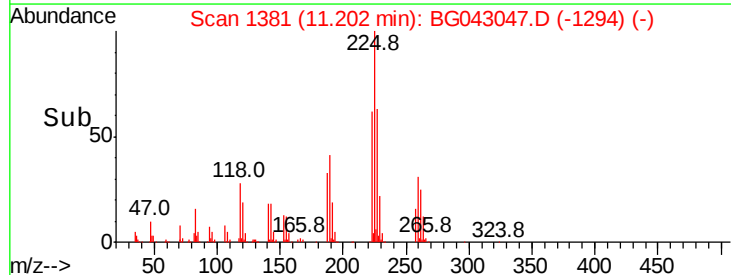
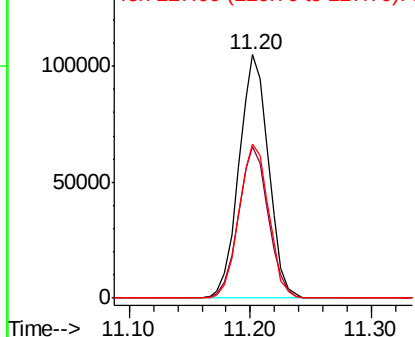


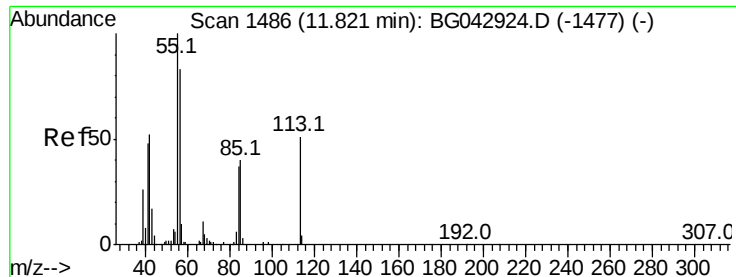
#34  
Hexachlorobutadiene  
Concen: 38.806 ng  
RT: 11.20 min Scan# 1381  
Delta R.T. -0.02 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

|             |              |
|-------------|--------------|
| Tgt Ion:225 | Resp: 178399 |
| Ion Ratio   | Lower Upper  |
| 225 100     |              |
| 223 62.1    | 49.3 73.9    |
| 227 63.2    | 52.8 79.2    |



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





#35

Caprolactam

Concen: 37.888 ng

RT: 11.80 min Scan# 1482

Delta R.T. -0.03 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

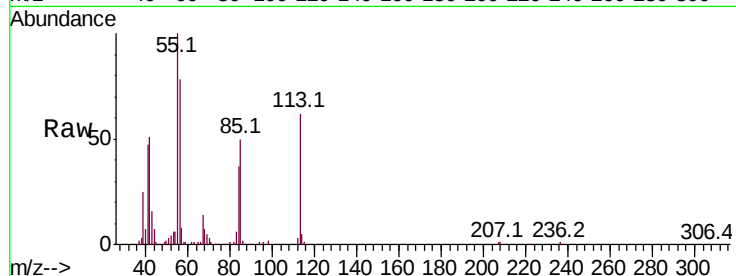
Tot Ion:113 Resp: 63525

Ion Ratio Lower Upper

113 100

55 162.4 175.5 215.5#

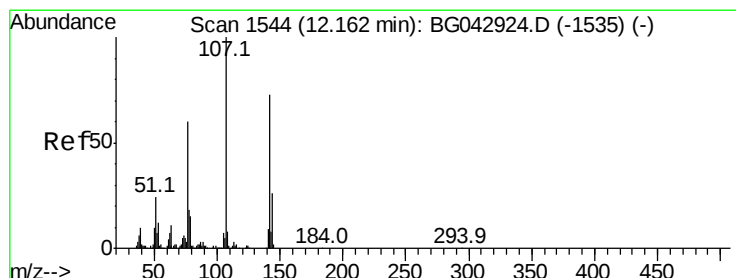
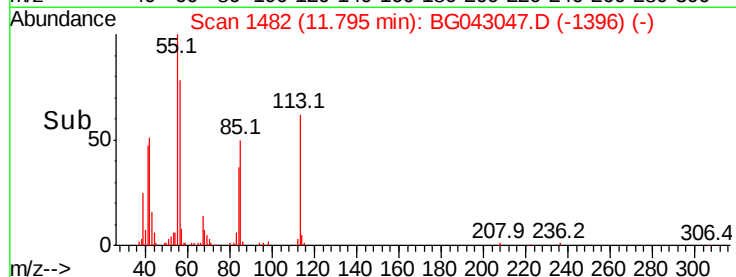
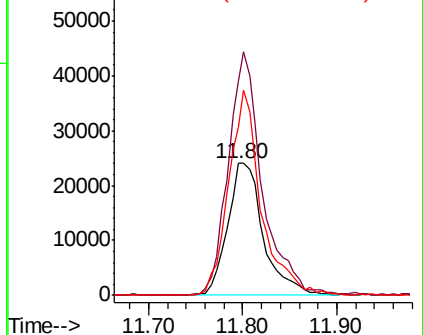
56 127.4 142.3 182.3#



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: 38.326 ng

RT: 12.14 min Scan# 1541

Delta R.T. -0.02 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

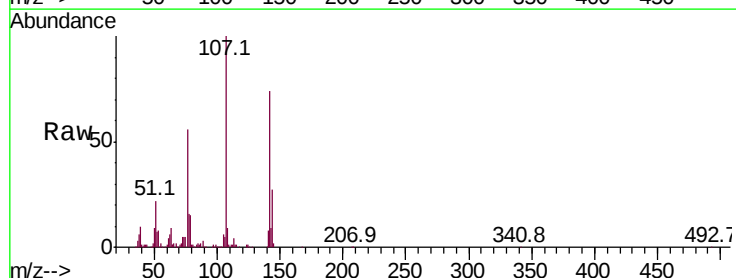
Tgt Ion:107 Resp: 198125

Ion Ratio Lower Upper

107 100

144 27.1 20.7 31.1

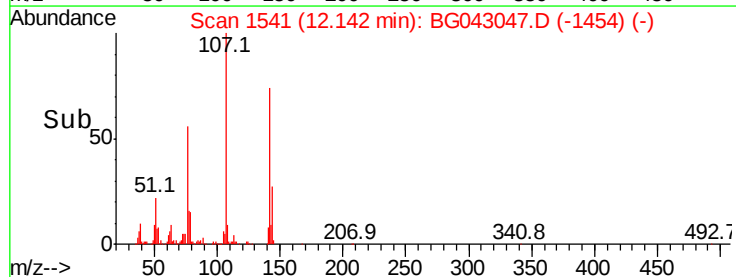
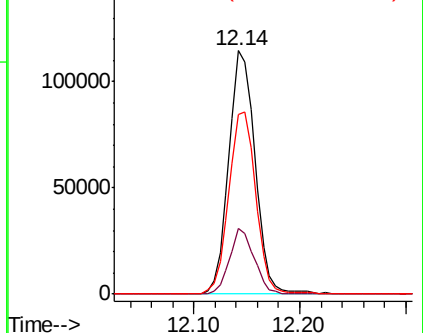
142 73.9 58.6 87.8

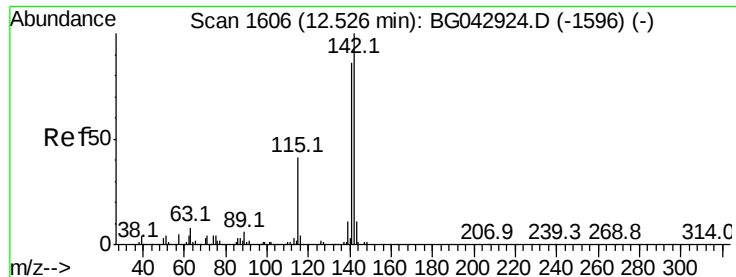


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

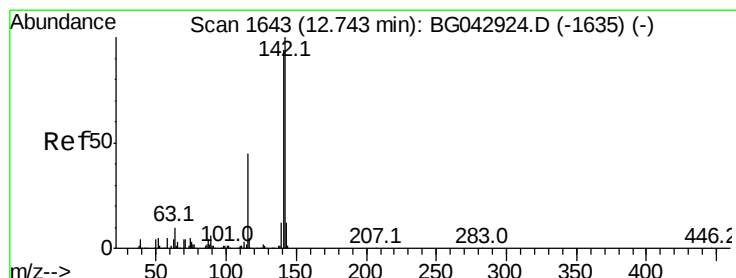
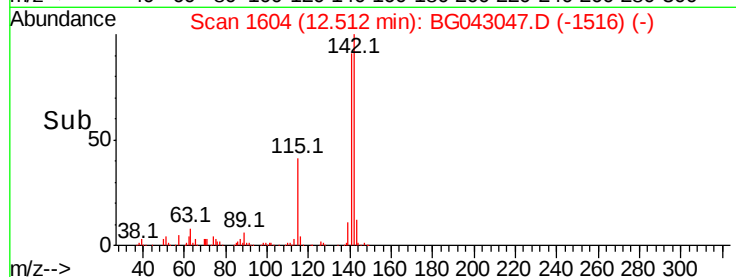
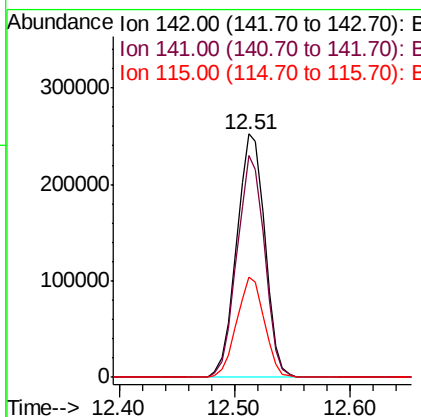
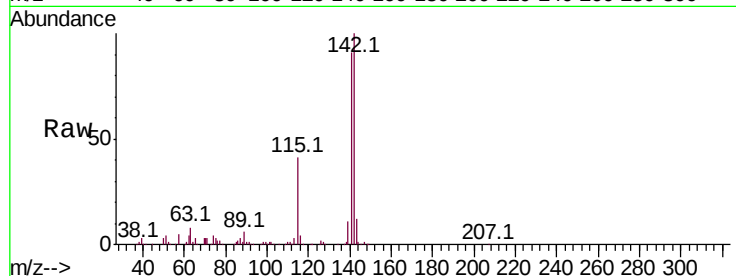




#37  
2-Methylnaphthalene  
Concen: 38.236 ng  
RT: 12.51 min Scan# 1604  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

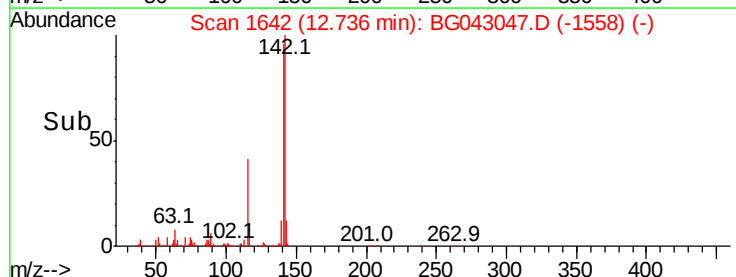
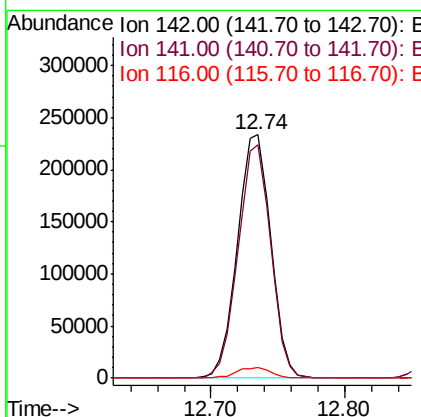
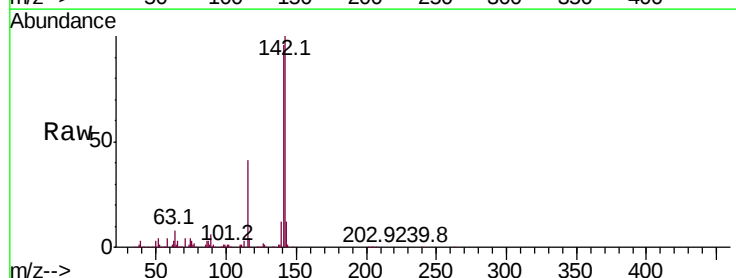
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

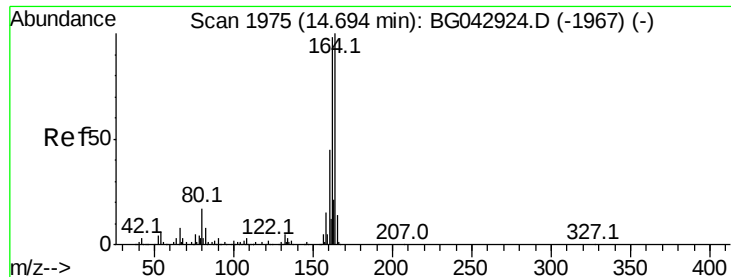
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.1  | 69.0  | 103.4 |
| 115     | 41.4  | 32.8  | 49.2  |



#38  
1-Methylnaphthalene  
Concen: 38.018 ng  
RT: 12.74 min Scan# 1642  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 95.8  | 74.9  | 112.3 |
| 116     | 4.5   | 3.7   | 5.5   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

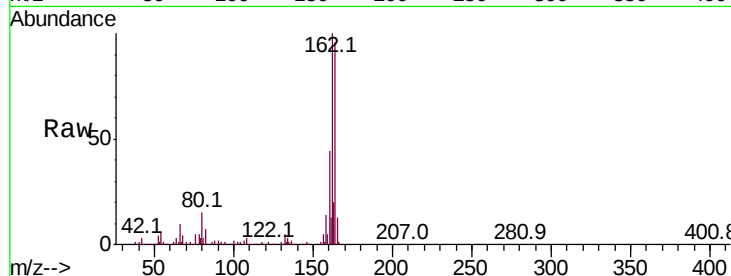
Tot Ion:164 Resp: 201783

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 104.6 | 78.5  | 117.7 |
| 160 | 45.8  | 35.9  | 53.9  |

164 100

162 104.6 78.5 117.7

160 45.8 35.9 53.9

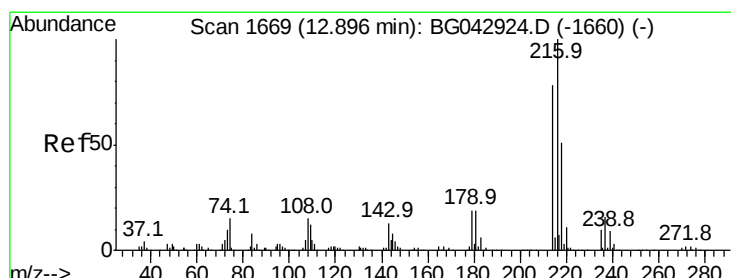
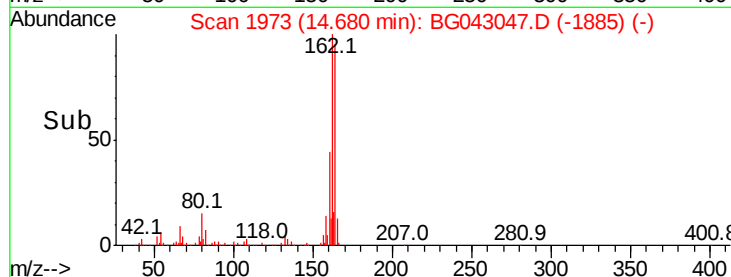
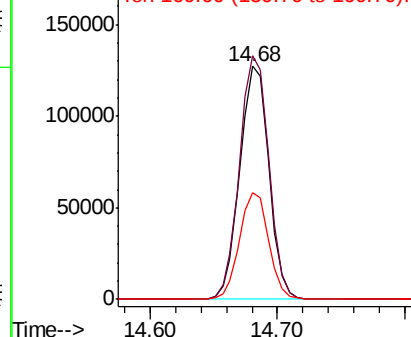


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.352 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Tgt Ion:216 Resp: 306146

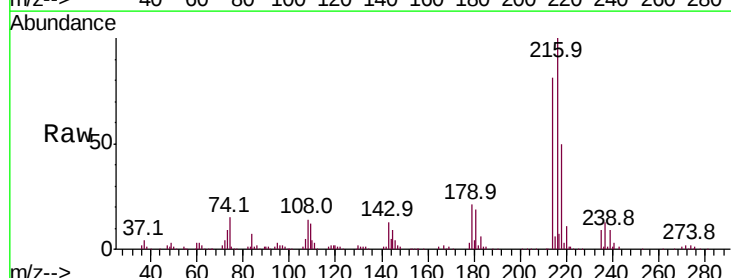
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 80.4  | 62.4  | 93.6  |
| 179 | 19.6  | 15.4  | 23.2  |
| 108 | 15.1  | 12.6  | 19.0  |

216 100

214 80.4 62.4 93.6

179 19.6 15.4 23.2

108 15.1 12.6 19.0



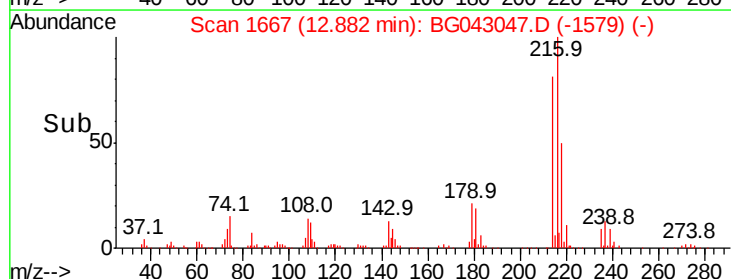
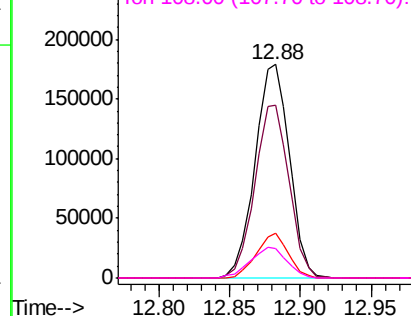
Abundance

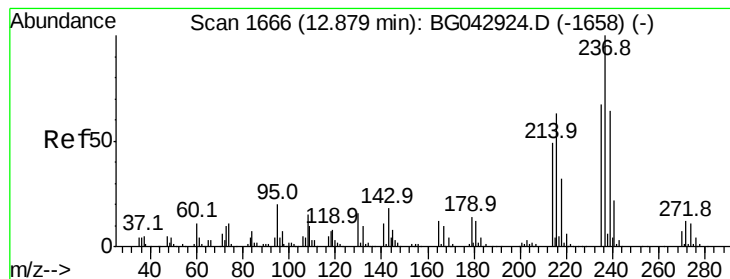
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 42.301 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

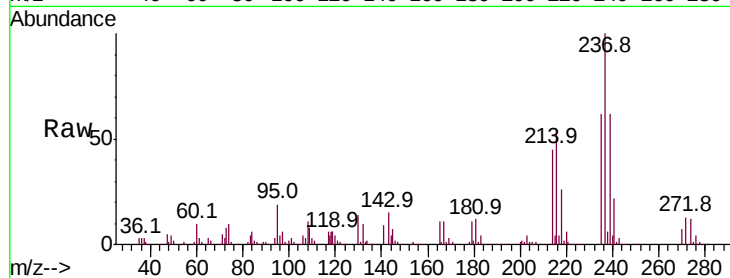
Tot Ion:237 Resp: 204482

Ion Ratio Lower Upper

237 100

235 62.4 46.7 86.7

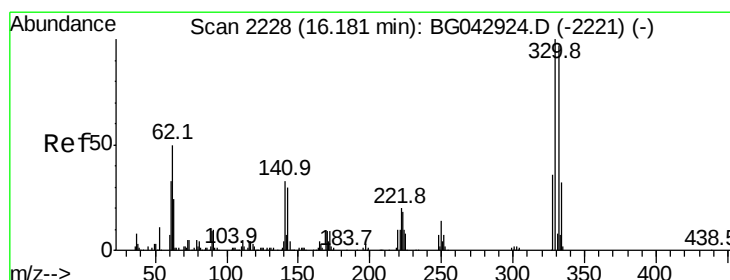
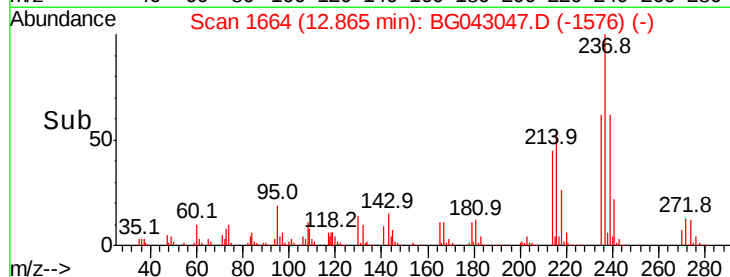
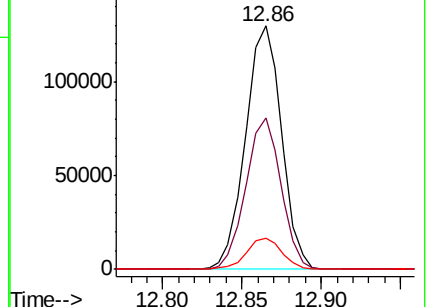
272 12.7 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.478 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

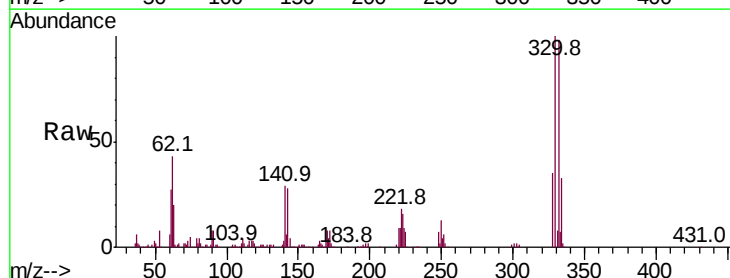
Tgt Ion:330 Resp: 286182

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.2

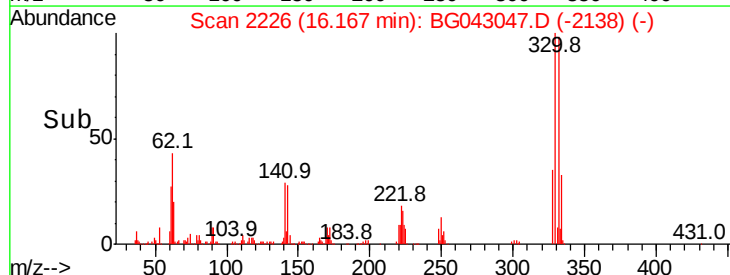
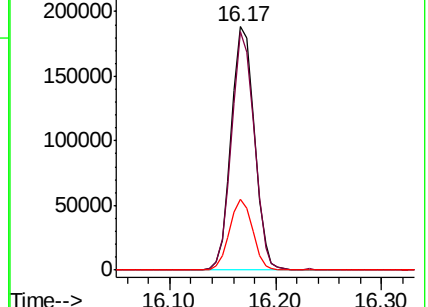
141 28.9 26.0 39.0

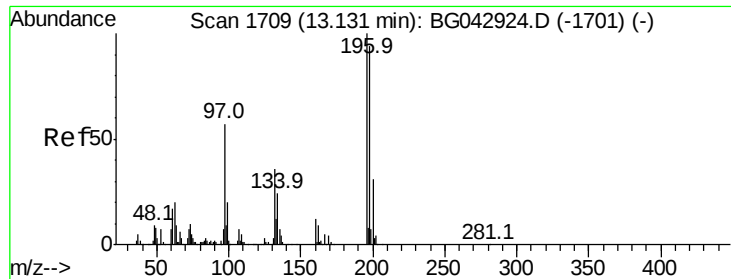


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

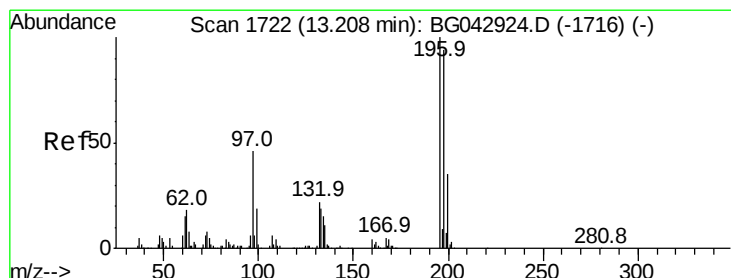
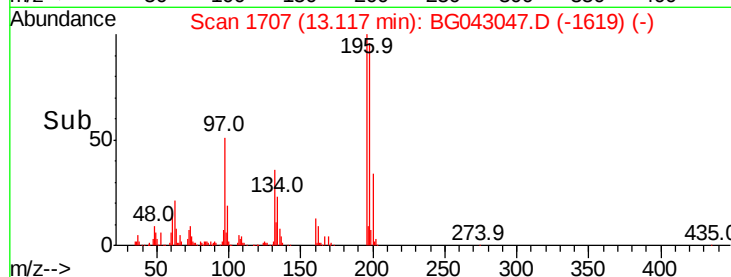
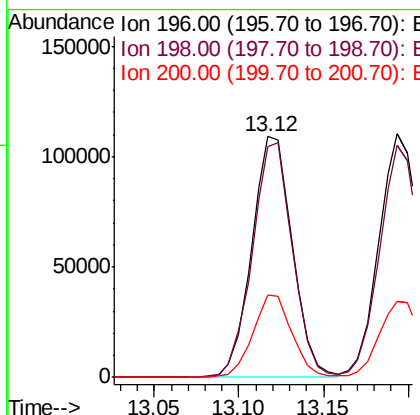
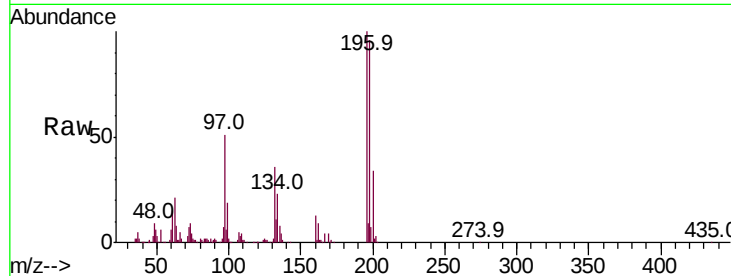




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.083 ng  
 RT: 13.12 min Scan# 1707  
 Delta R.T. -0.01 min  
 Lab File: BG043047.D  
 Acq: 5 Oct 2019 9:47

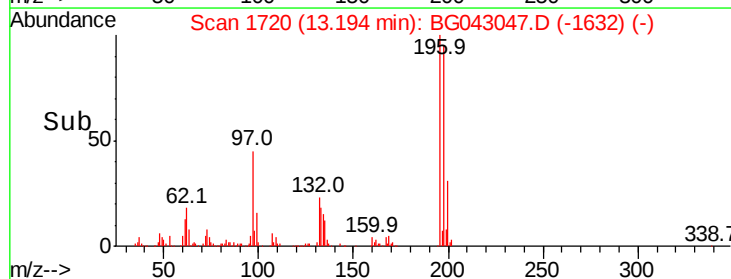
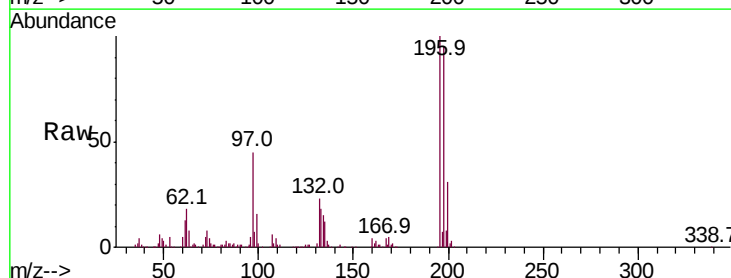
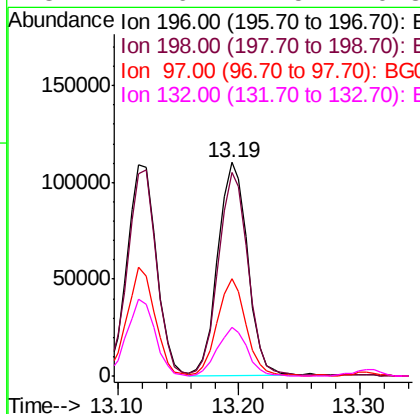
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

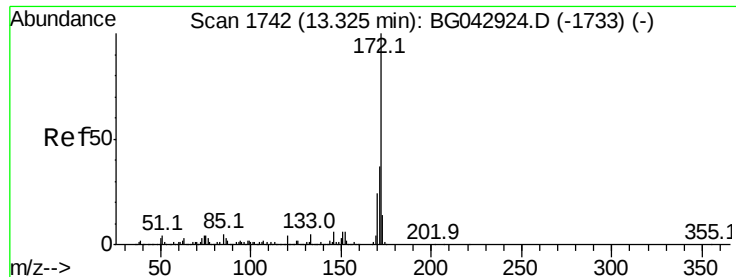
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.6  | 75.5  | 113.3 |
| 200     | 34.2  | 24.9  | 37.3  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.949 ng  
 RT: 13.19 min Scan# 1720  
 Delta R.T. -0.01 min  
 Lab File: BG043047.D  
 Acq: 5 Oct 2019 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.4  | 75.1  | 112.7 |
| 97      | 45.4  | 37.0  | 55.4  |
| 132     | 22.6  | 17.5  | 26.3  |



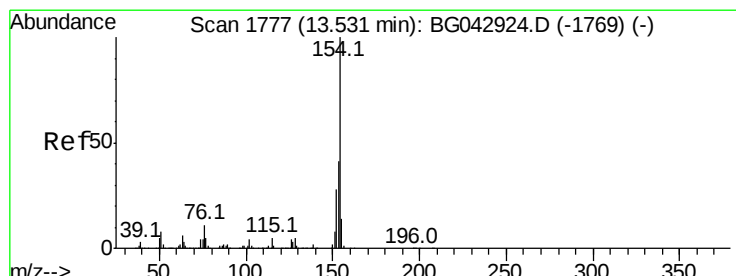
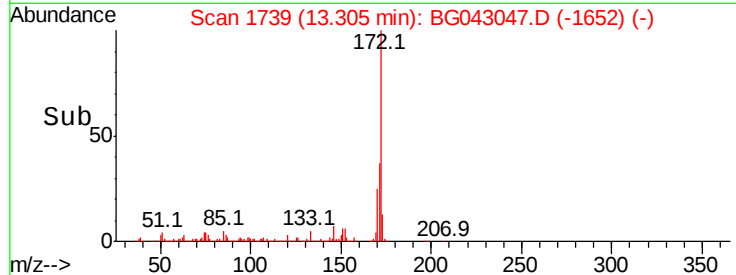
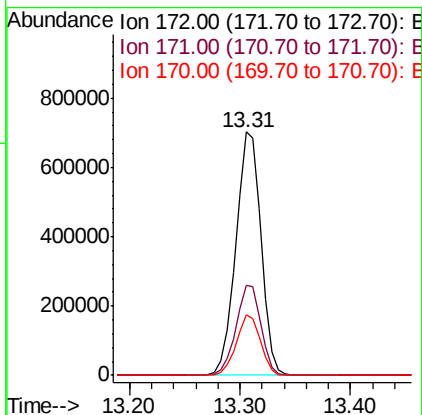
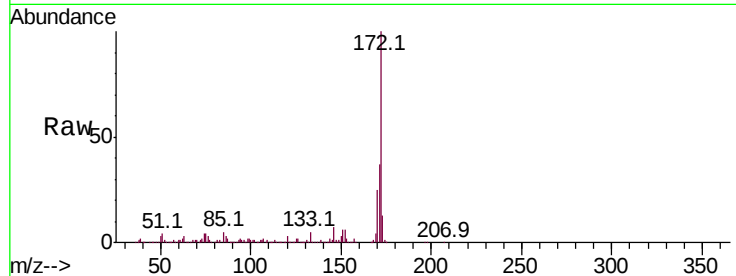


#45  
 2-Fluorobiphenyl  
 Concen: 80.611 ng  
 RT: 13.31 min Scan# 1739  
 Delta R.T. -0.02 min  
 Lab File: BG043047.D  
 Acq: 5 Oct 2019 9:47

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:172 Resp: 1122016  

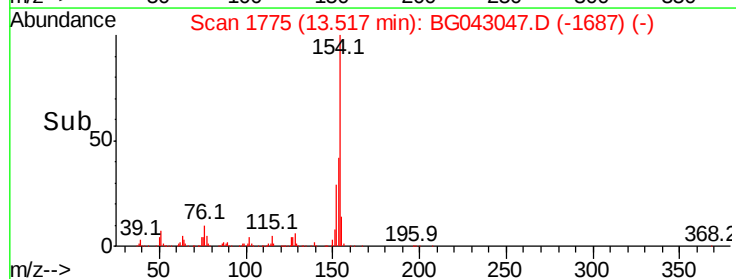
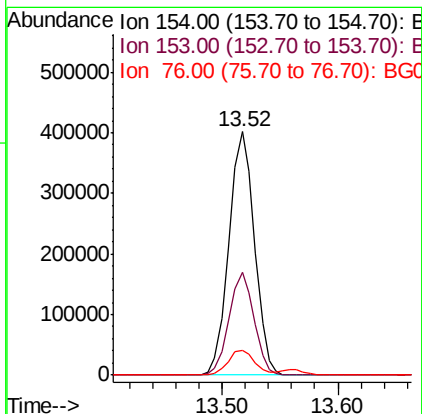
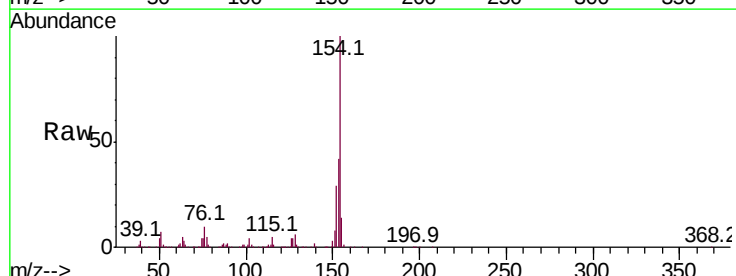
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.8  | 29.6  | 44.4  |
| 170 | 24.8  | 19.6  | 29.4  |

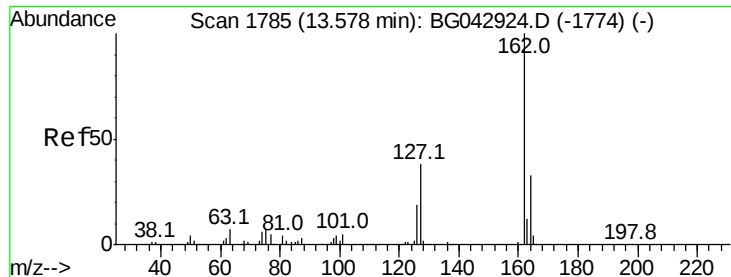


#46  
 1,1'-Biphenyl  
 Concen: 40.239 ng  
 RT: 13.52 min Scan# 1775  
 Delta R.T. -0.01 min  
 Lab File: BG043047.D  
 Acq: 5 Oct 2019 9:47

Tgt Ion:154 Resp: 615735  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.4  | 21.4  | 61.4  |
| 76  | 10.2  | 0.0   | 31.3  |

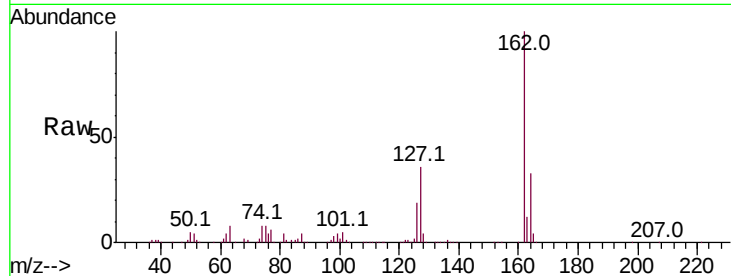




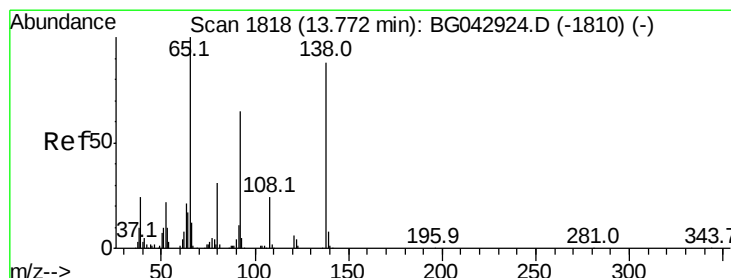
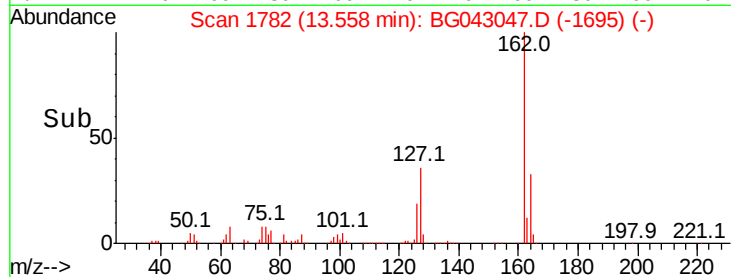
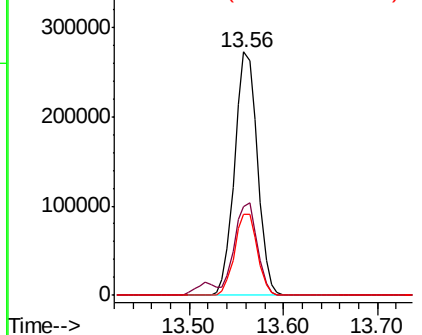
#47  
2-Chloronaphthalene  
Concen: 40.111 ng  
RT: 13.56 min Scan# 1782  
Delta R.T. -0.02 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.4  | 31.0  | 46.6  |
| 164     | 33.2  | 26.2  | 39.2  |

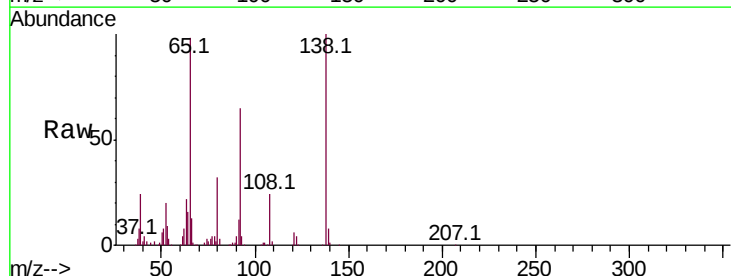


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

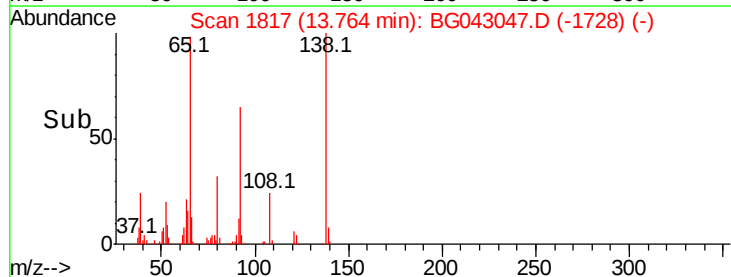
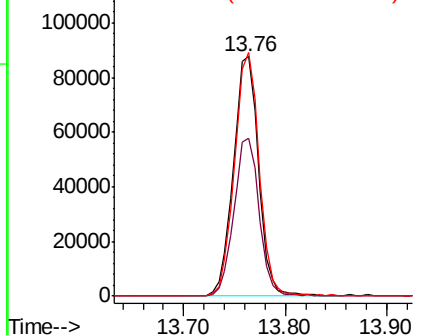


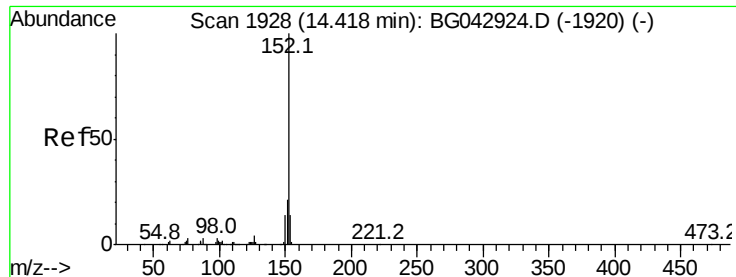
#48  
2-Nitroaniline  
Concen: 39.651 ng  
RT: 13.76 min Scan# 1817  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.0  | 52.0  | 78.0  |
| 138     | 101.8 | 70.4  | 105.6 |



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





#49

Acenaphthylene

Concen: 40.035 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

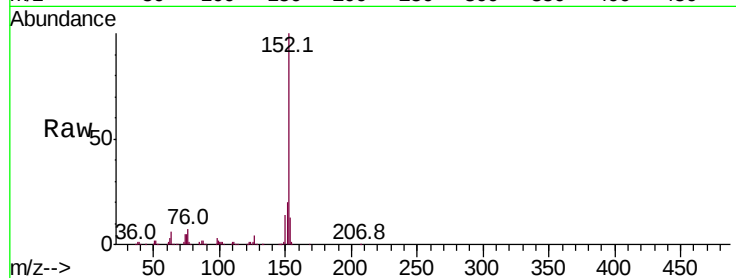
Tot Ion:152 Resp: 702823

Ion Ratio Lower Upper

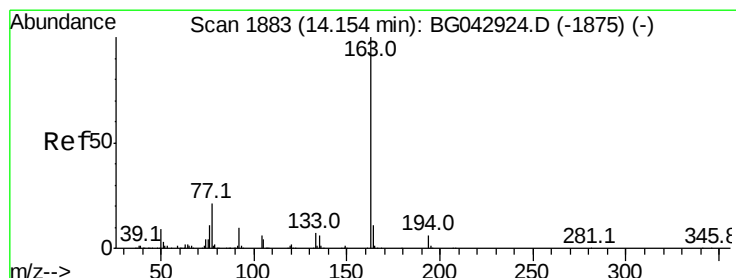
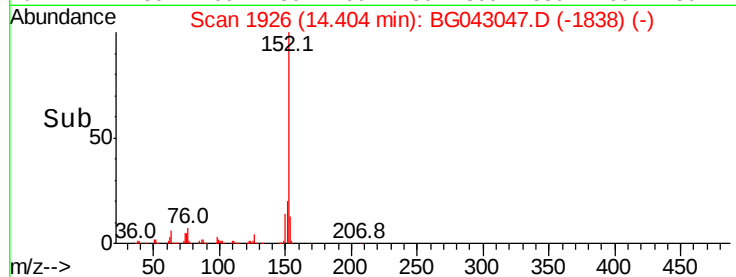
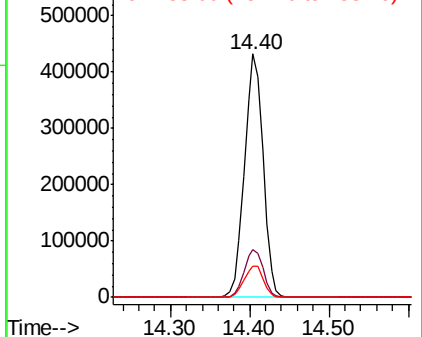
152 100

151 19.6 16.8 25.2

153 12.7 11.3 16.9



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



#50

Dimethylphthalate

Concen: 38.687 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

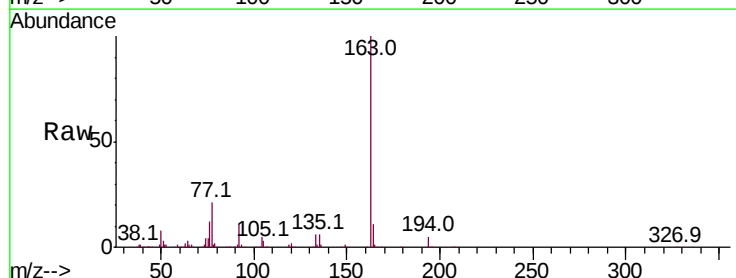
Tgt Ion:163 Resp: 584906

Ion Ratio Lower Upper

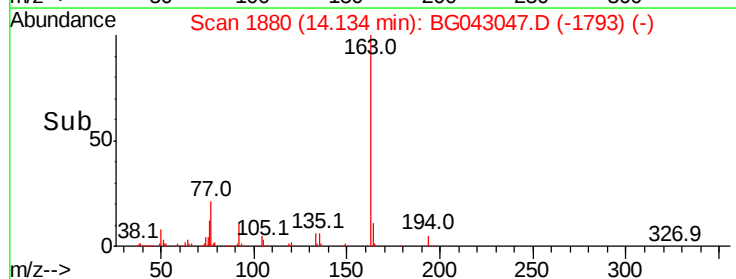
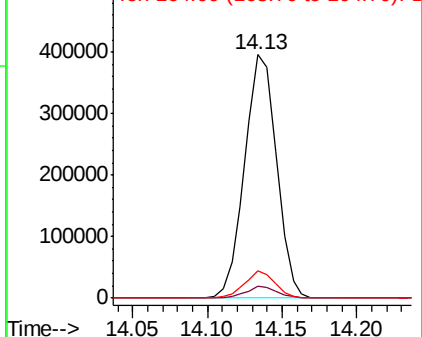
163 100

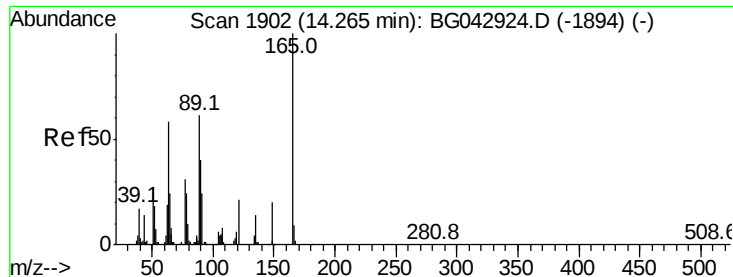
194 4.8 4.4 6.6

164 11.0 8.6 12.8



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

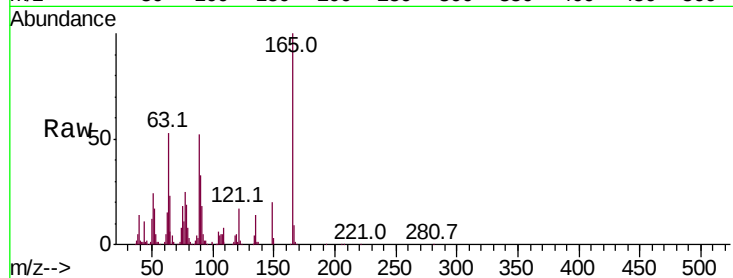




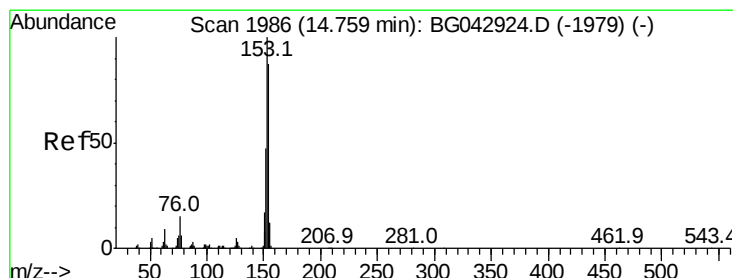
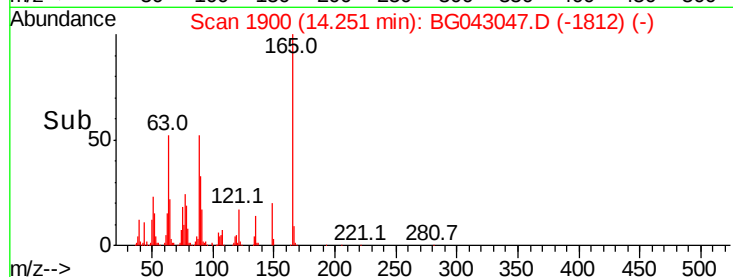
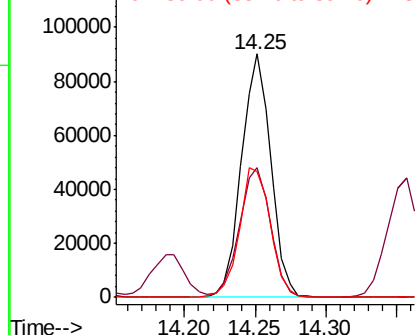
#51  
2,6-Dinitrotoluene  
Concen: 40.721 ng  
RT: 14.25 min Scan# 1900  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:165 Resp: 131108  
Ion Ratio Lower Upper  
165 100  
63 53.3 50.3 75.5  
89 51.7 48.9 73.3

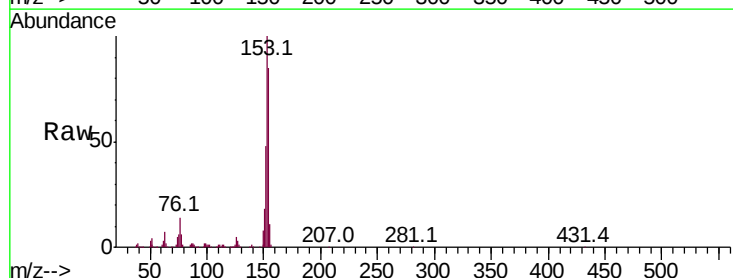


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG

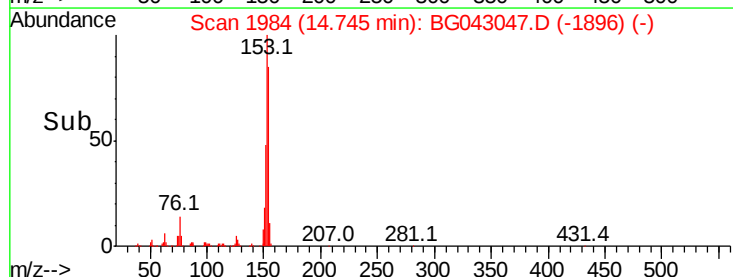
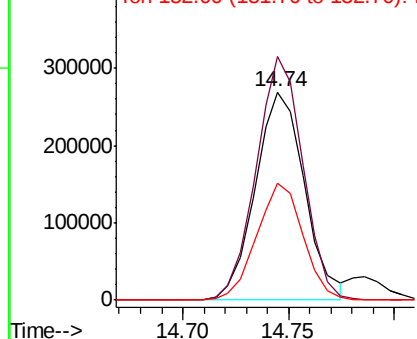


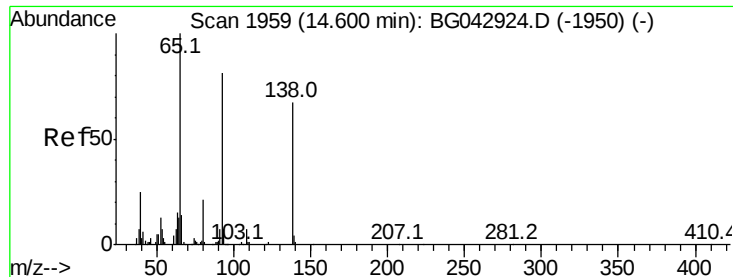
#52  
Acenaphthene  
Concen: 37.116 ng  
RT: 14.74 min Scan# 1984  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

Tgt Ion:154 Resp: 436128  
Ion Ratio Lower Upper  
154 100  
153 117.2 91.4 137.0  
152 56.3 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.474 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

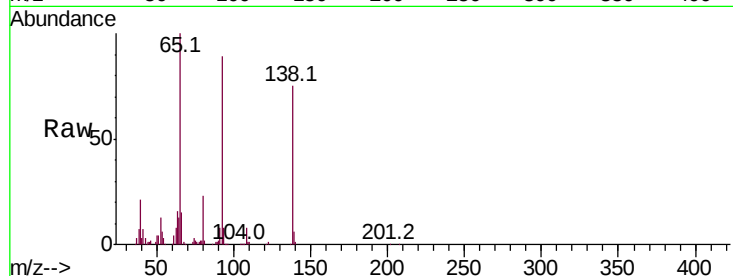
Tot Ion:138 Resp: 131344

Ion Ratio Lower Upper

138 100

108 10.5 7.9 11.9

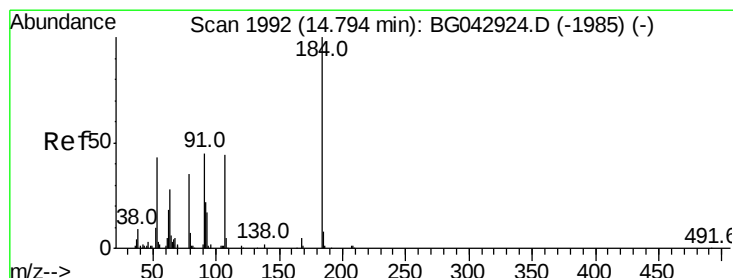
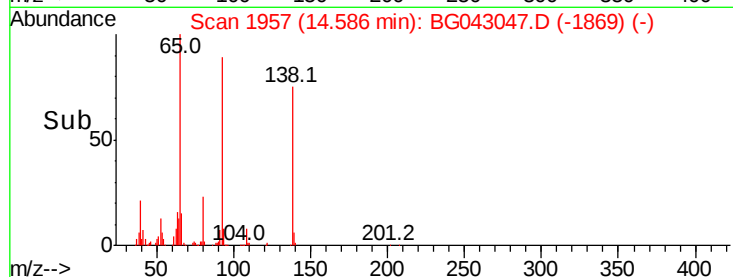
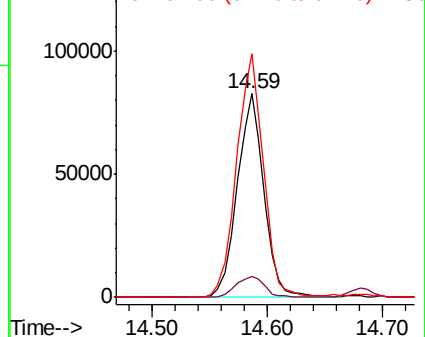
92 119.5 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 36.654 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

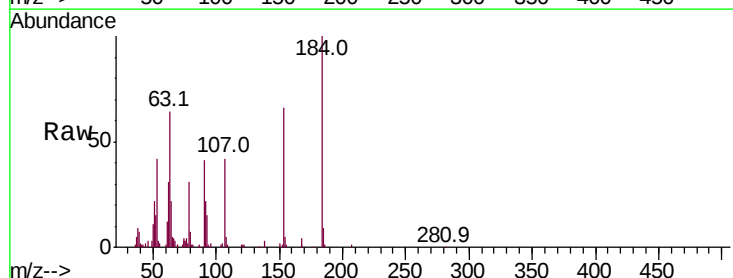
Tgt Ion:184 Resp: 73356

Ion Ratio Lower Upper

184 100

63 63.7 55.0 82.6

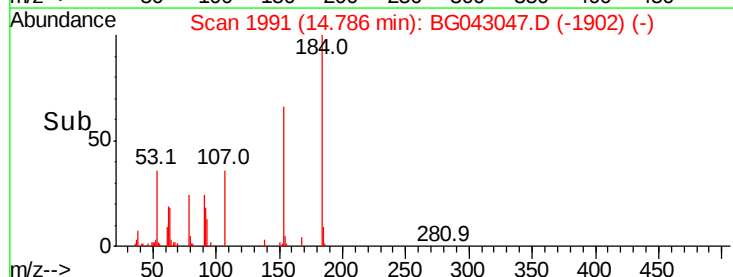
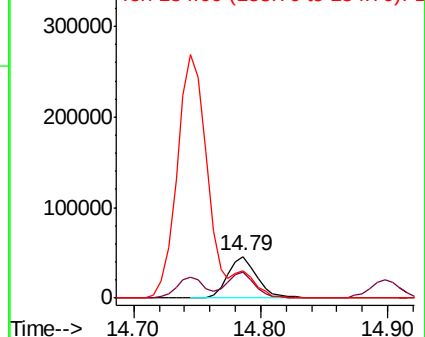
154 65.5 56.5 84.7

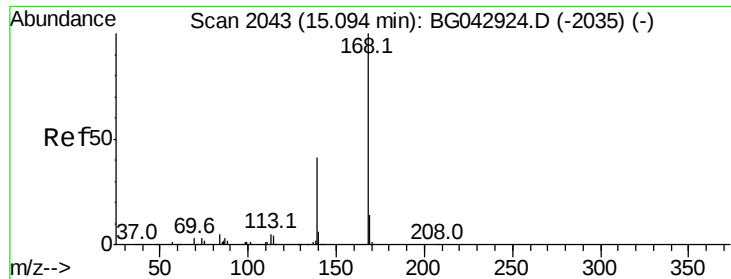


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzo(furan)

Concen: 39.138 ng

RT: 15.08 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

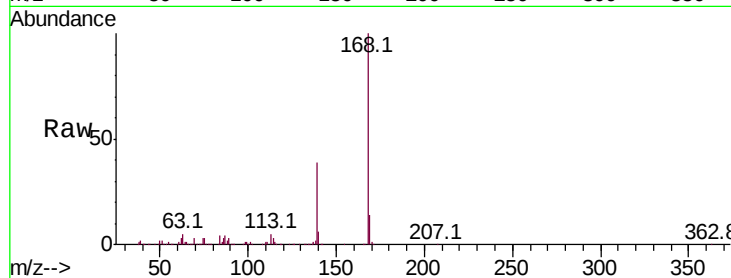
Tot Ion:168 Resp: 680301

Ion Ratio Lower Upper

168 100

139 39.2 32.6 48.8

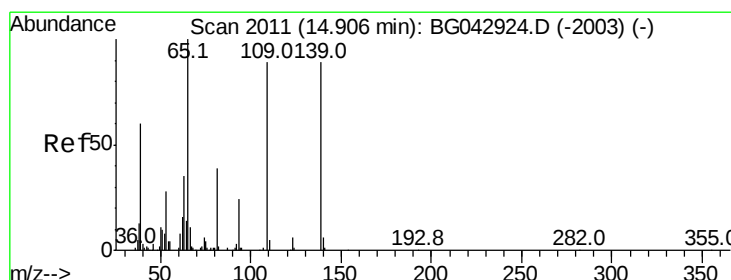
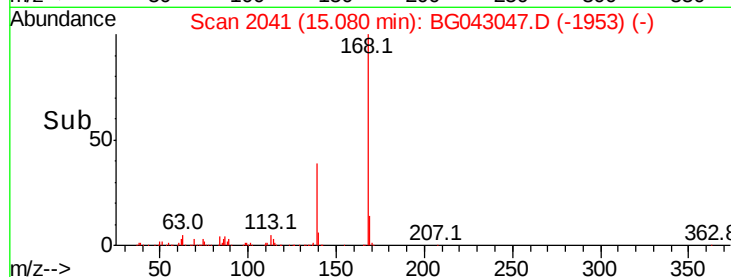
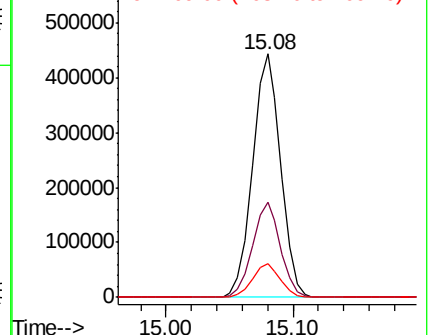
169 13.7 11.2 16.8



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: 39.540 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

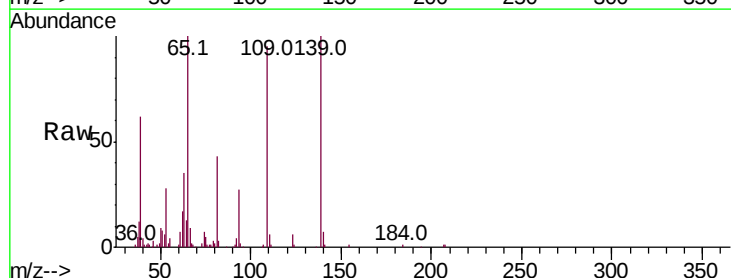
Tgt Ion:139 Resp: 100242

Ion Ratio Lower Upper

139 100

109 95.0 79.4 119.4

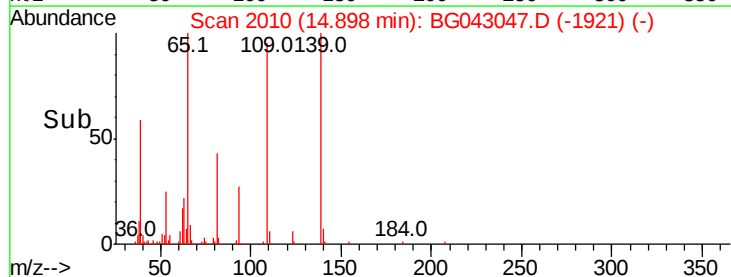
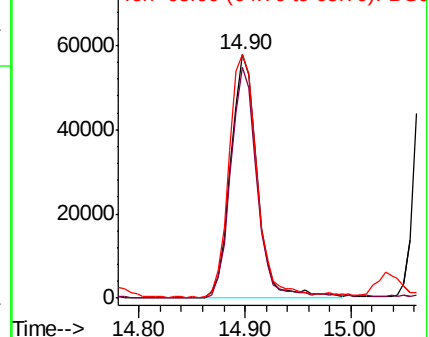
65 100.0 92.5 132.5

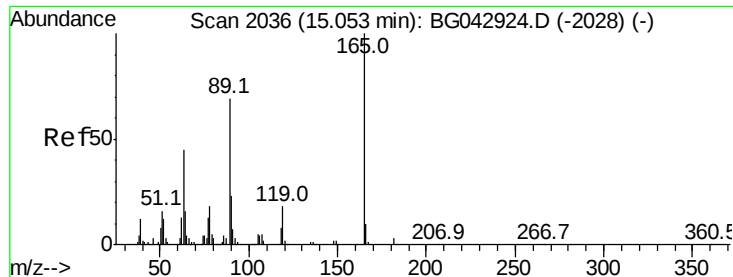


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 39.496 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 186220

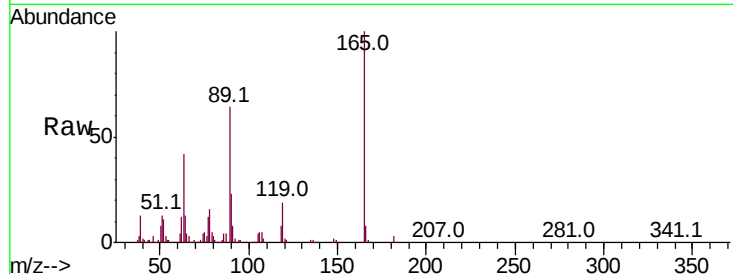
Ion Ratio Lower Upper

165 100

63 41.9 36.5 54.7

89 64.3 55.5 83.3

182 2.9 2.4 3.6

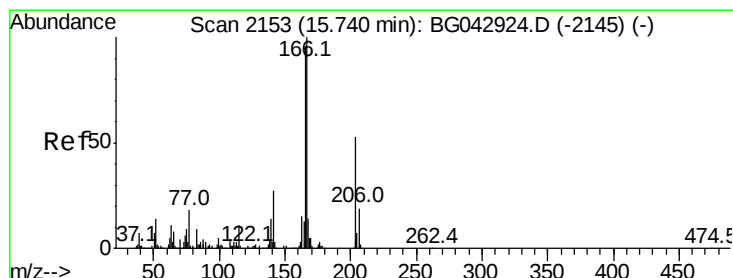
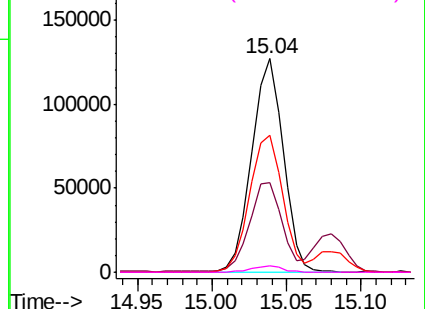
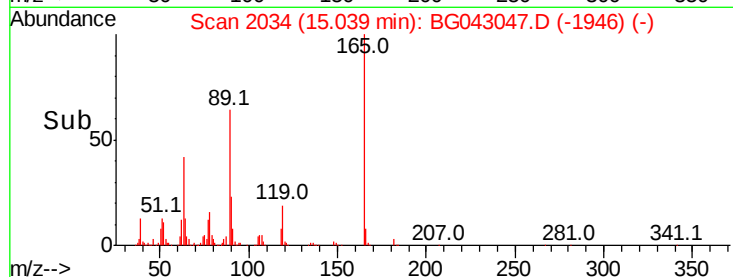


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.311 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

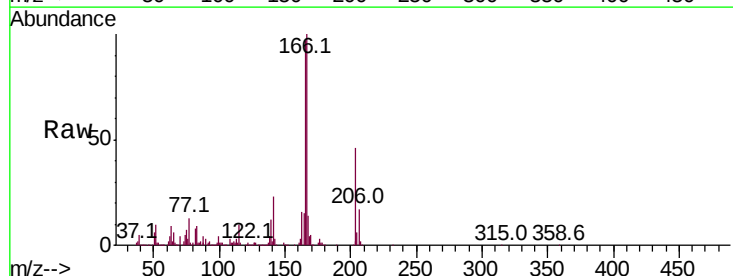
Tgt Ion:166 Resp: 568542

Ion Ratio Lower Upper

166 100

165 96.6 77.1 115.7

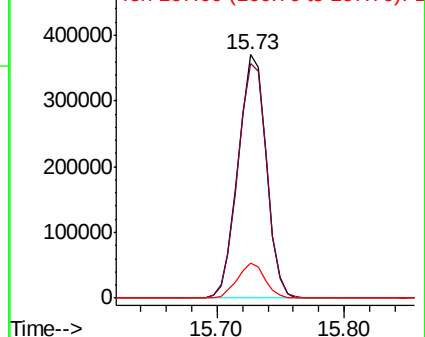
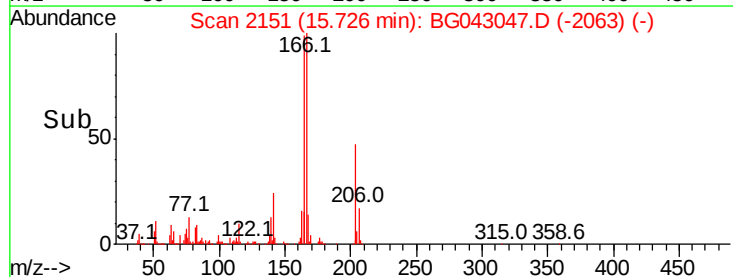
167 14.2 11.0 16.6

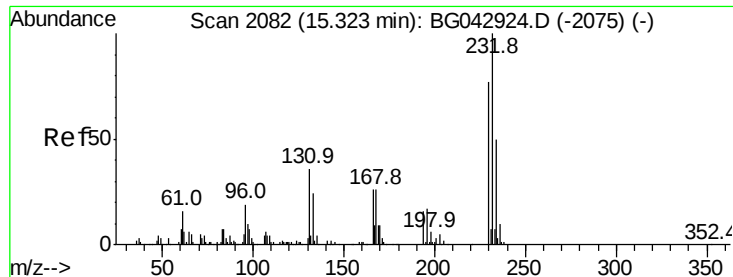


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

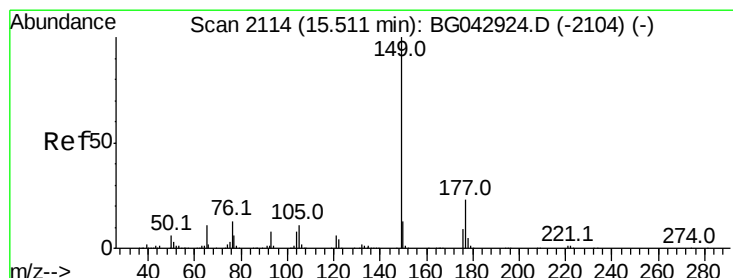
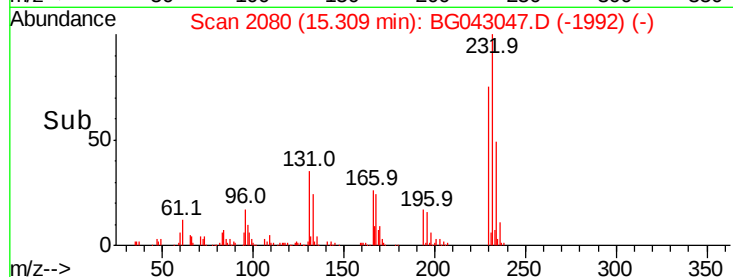
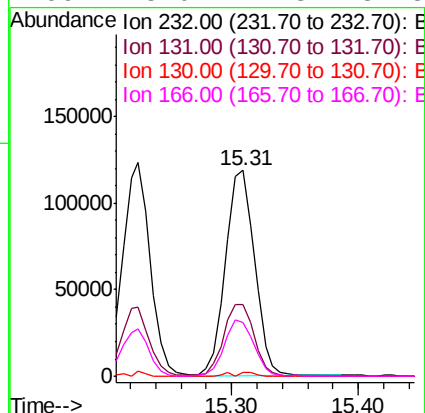
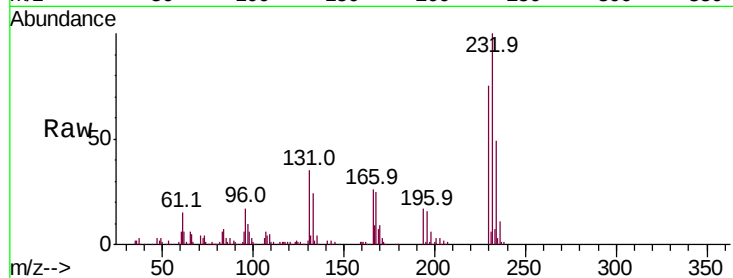




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.773 ng  
RT: 15.31 min Scan# 2080  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

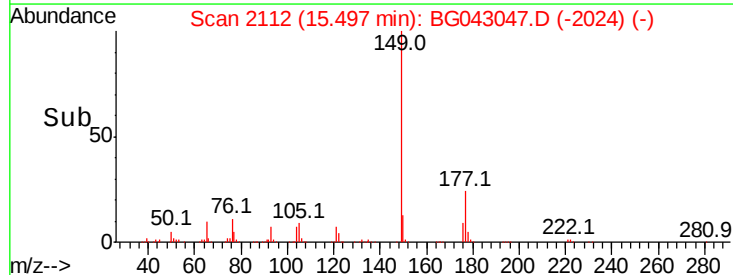
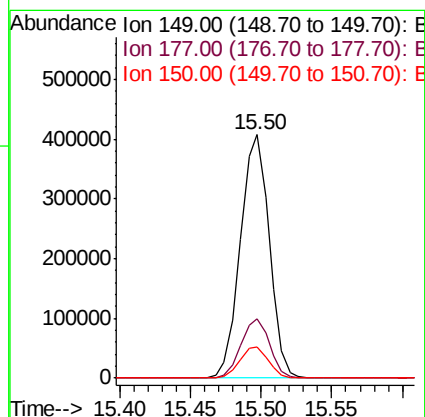
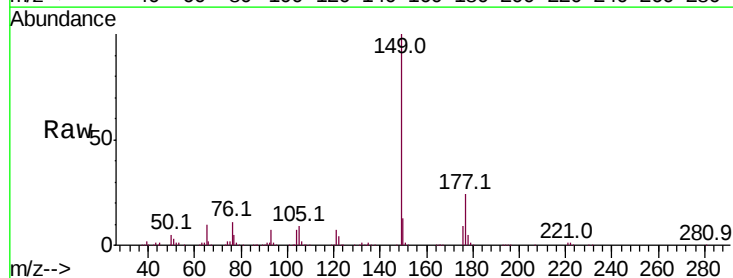
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

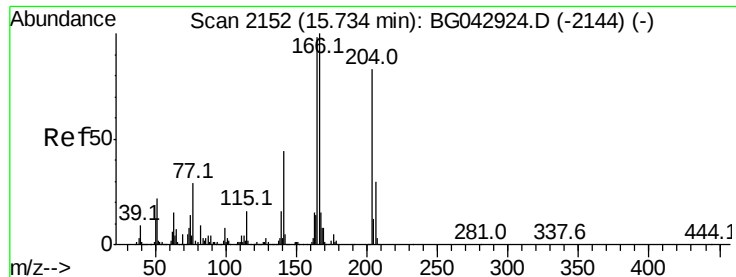
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 188850 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 37.0  | 29.6  | 44.4   |
| 130      | 1.1   | 1.9   | 2.9#   |
| 166      | 28.0  | 21.8  | 32.8   |



#60  
Diethylphthalate  
Concen: 37.802 ng  
RT: 15.50 min Scan# 2112  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 581646 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.5  | 18.8  | 28.2   |
| 150      | 12.8  | 10.6  | 15.8   |

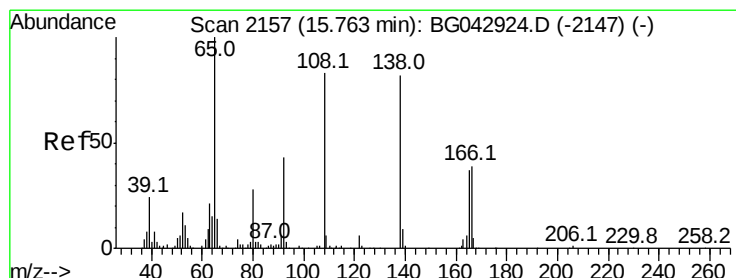
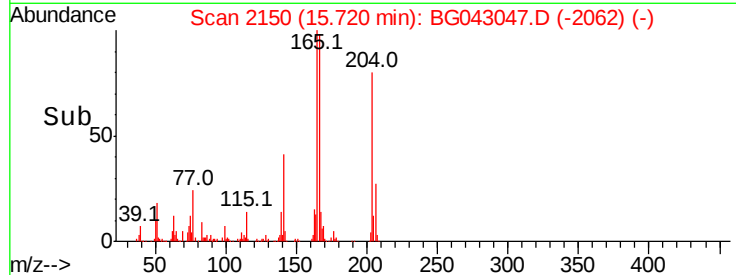
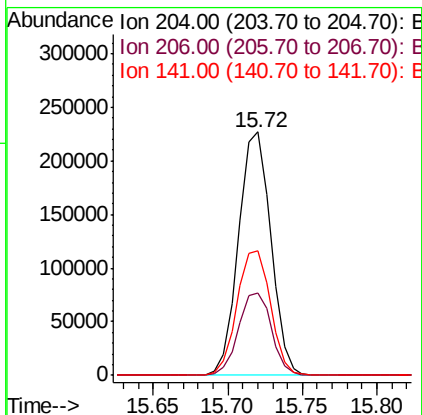
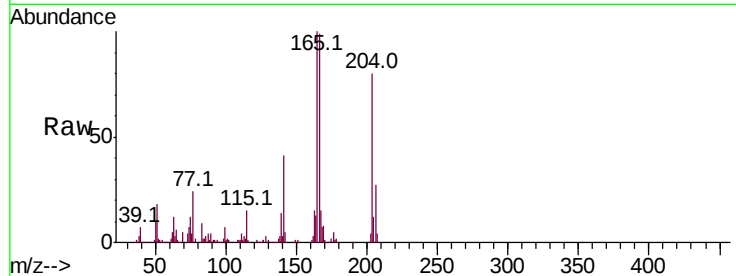




#61  
4-Chlorophenyl-phenylether  
Concen: 38.366 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

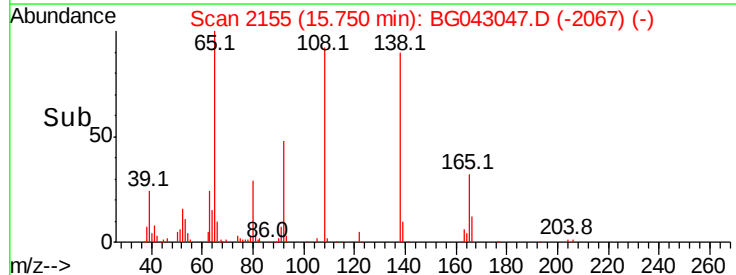
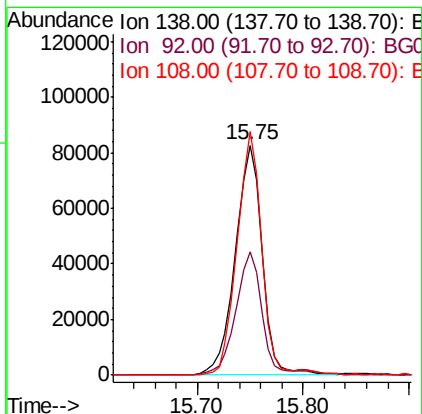
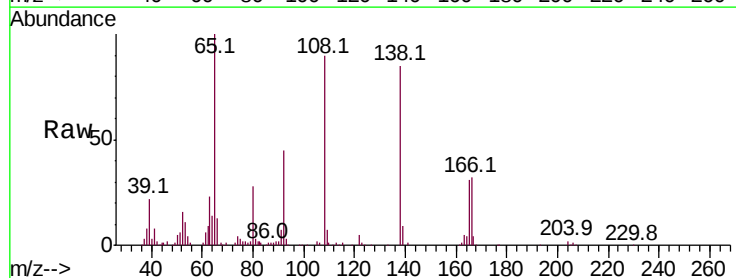
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

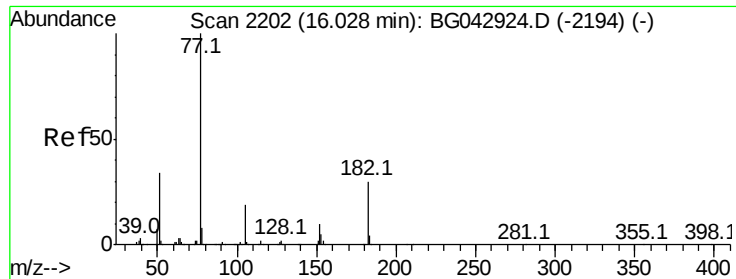
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.9  | 28.5  | 42.7  |
| 141     | 51.0  | 42.4  | 63.6  |



#62  
4-Nitroaniline  
Concen: 40.169 ng  
RT: 15.75 min Scan# 2155  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 53.5  | 32.9  | 72.9  |
| 108     | 105.8 | 81.3  | 121.3 |

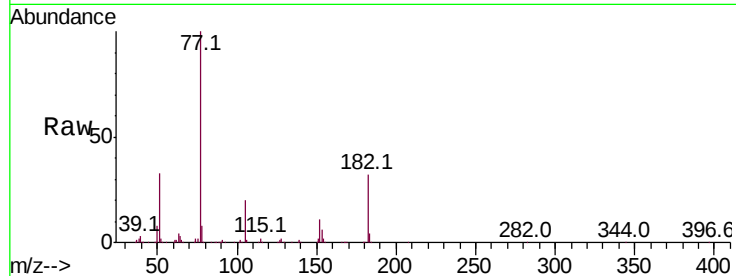




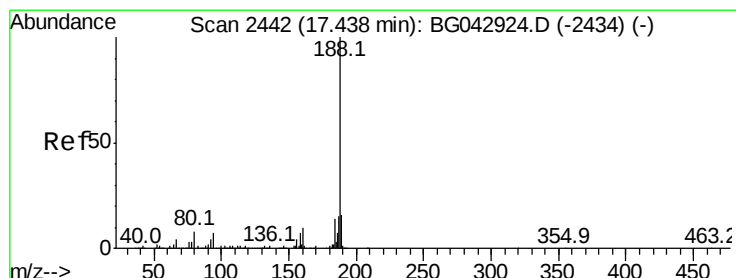
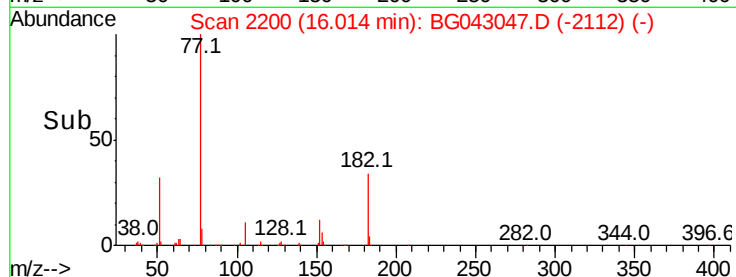
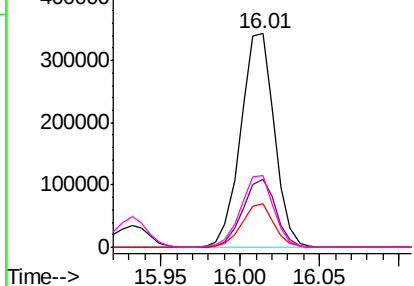
#63  
Azobenzene  
Concen: 35.933 ng  
RT: 16.01 min Scan# 2200  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 503356 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 31.6  | 10.2  | 50.2   |
| 105      | 20.4  | 0.0   | 39.1   |
| 51       | 33.3  | 13.9  | 53.9   |

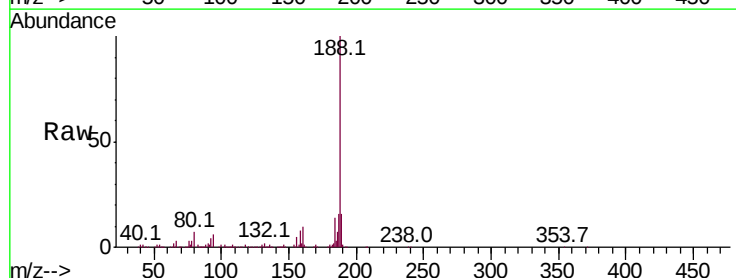


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

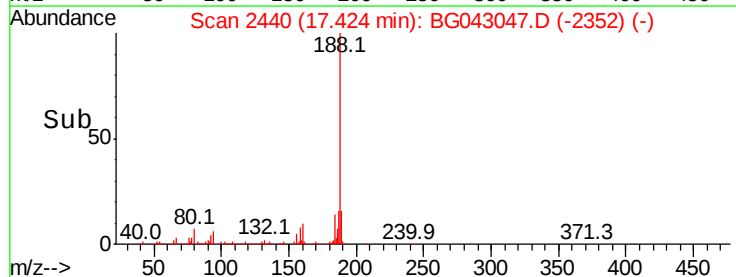
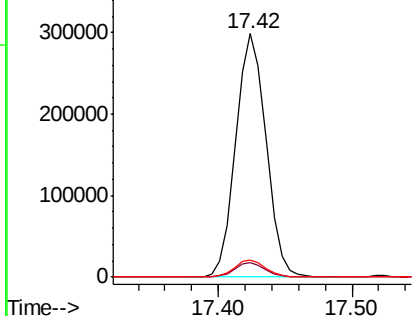


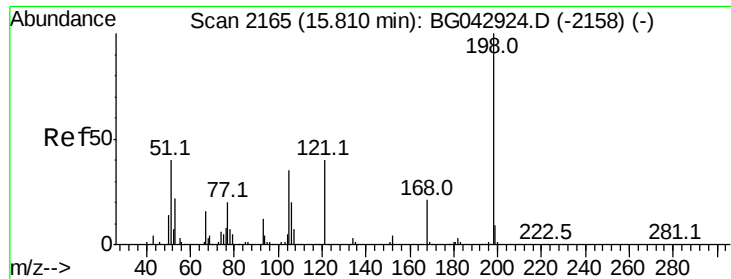
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2440  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 468731 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 5.9   | 5.7   | 8.5    |
| 80       | 6.9   | 6.5   | 9.7    |



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: 39.729 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

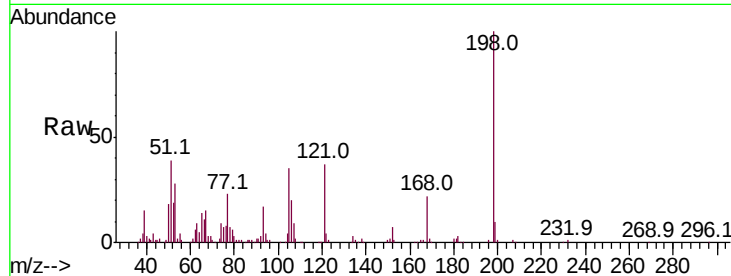
Tot Ion:198 Resp: 105377

Ion Ratio Lower Upper

198 100

51 39.4 25.3 65.3

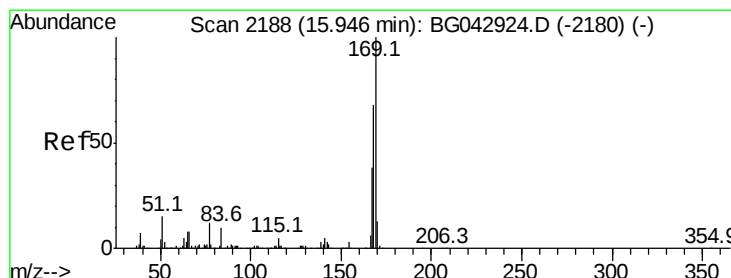
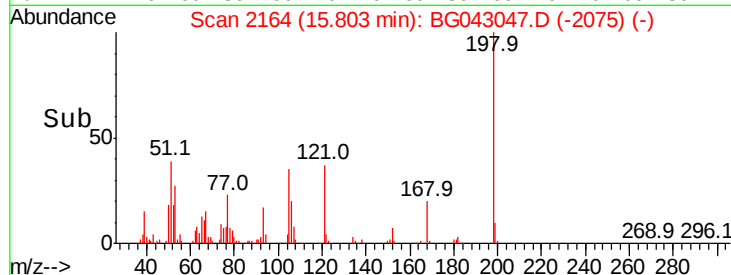
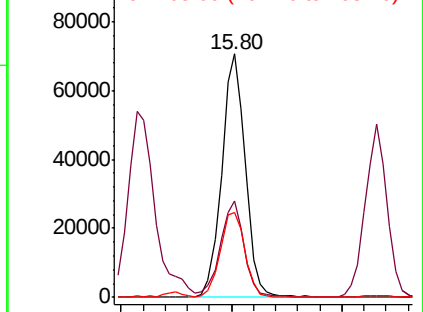
105 34.8 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.555 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

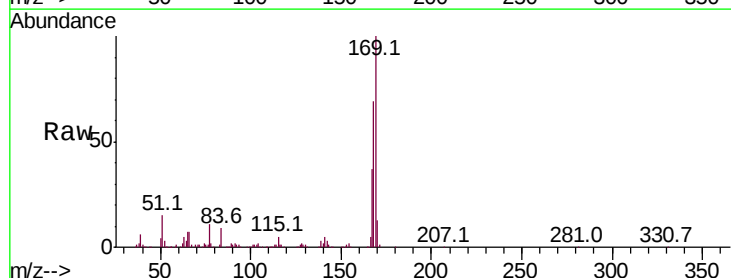
Tgt Ion:169 Resp: 501825

Ion Ratio Lower Upper

169 100

168 68.6 54.8 82.2

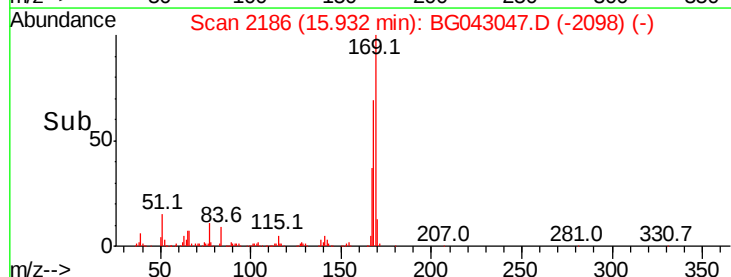
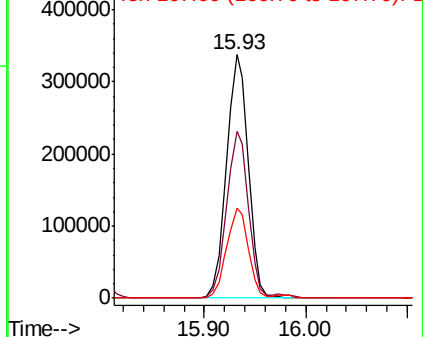
167 36.8 30.6 46.0

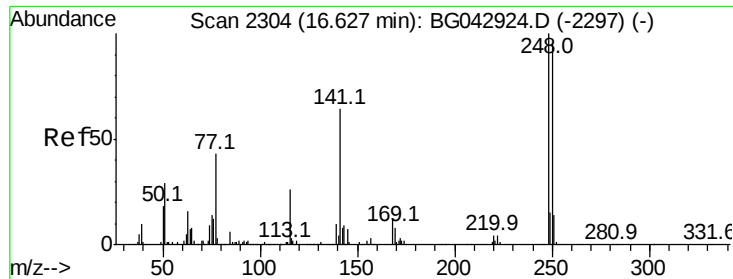


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

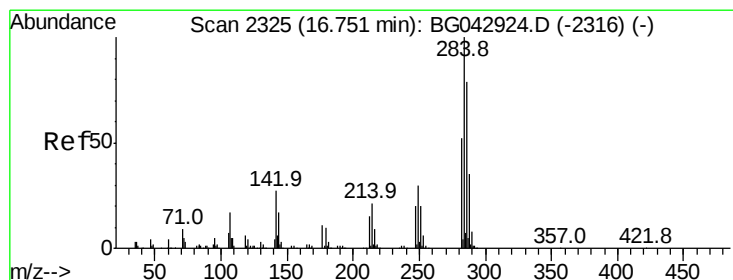
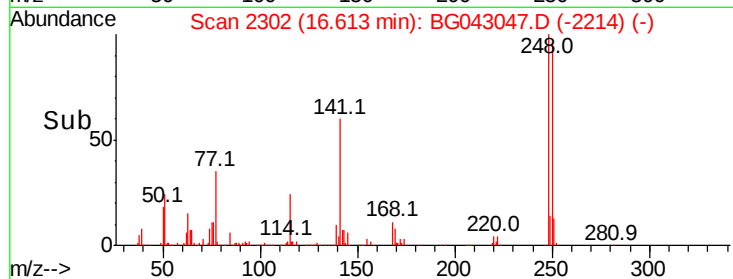
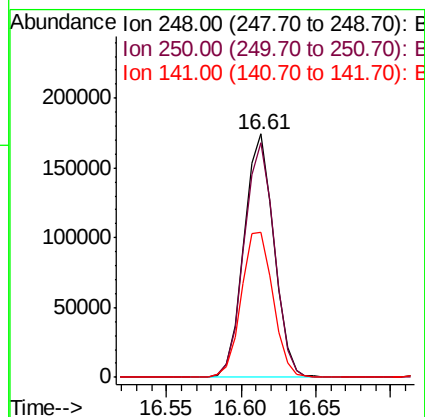
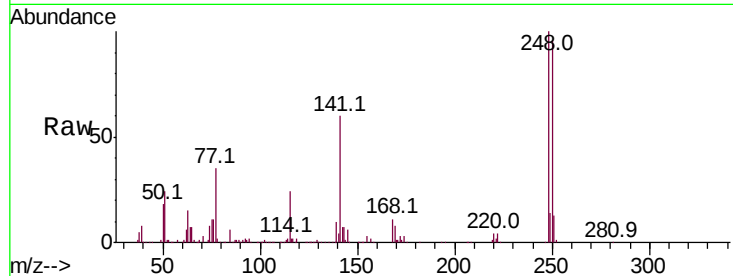




#67  
4-Bromophenyl-phenylether  
Concen: 41.066 ng  
RT: 16.61 min Scan# 2302  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

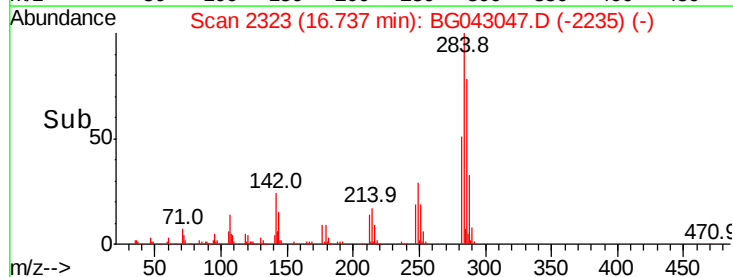
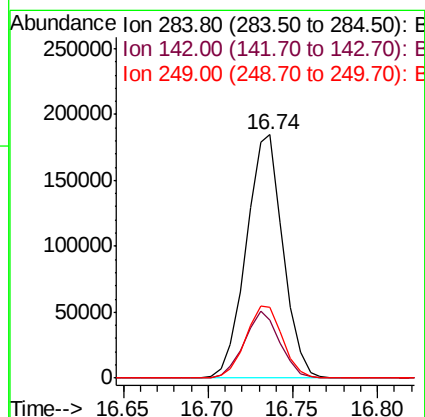
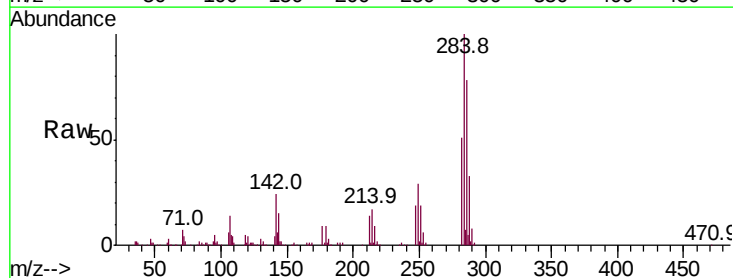
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

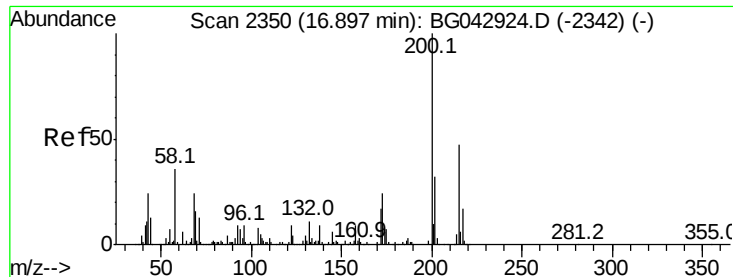
Tot Ion:248 Resp: 241592  
Ion Ratio Lower Upper  
248 100  
250 96.5 75.8 113.8  
141 59.5 51.1 76.7



#68  
Hexachlorobenzene  
Concen: 42.404 ng  
RT: 16.74 min Scan# 2323  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

Tgt Ion:284 Resp: 277760  
Ion Ratio Lower Upper  
284 100  
142 23.6 21.6 32.4  
249 28.9 24.1 36.1

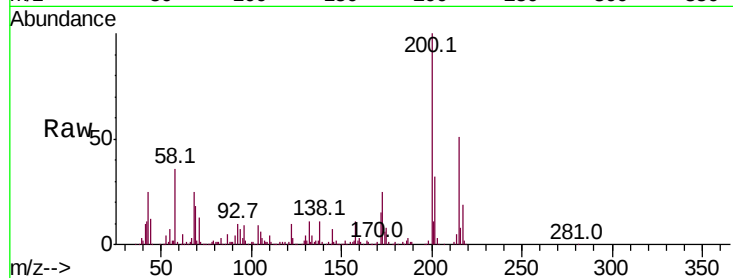




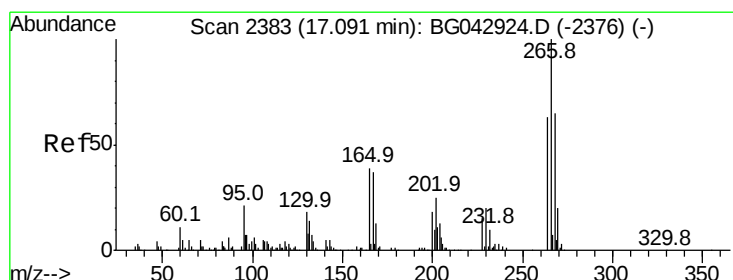
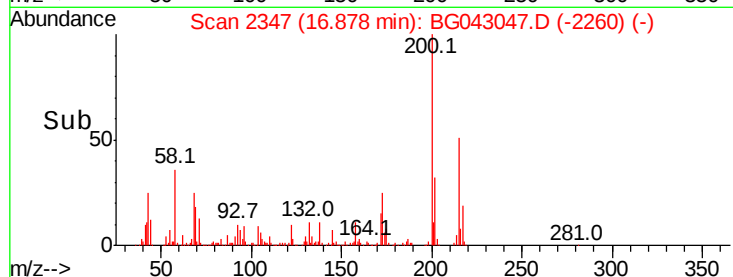
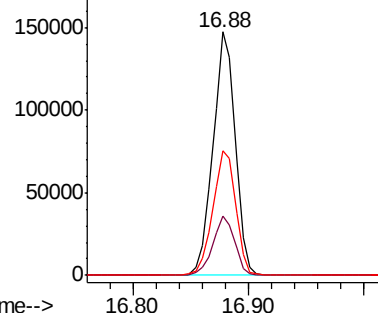
#69  
Atrazine  
Concen: 37.624 ng  
RT: 16.88 min Scan# 2347  
Delta R.T. -0.02 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.6  | 4.0   | 44.0  |
| 215     | 51.4  | 27.4  | 67.4  |

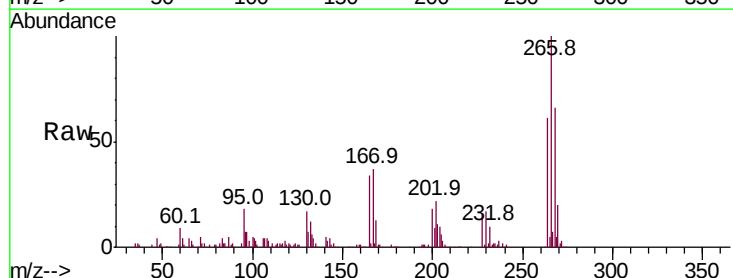


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

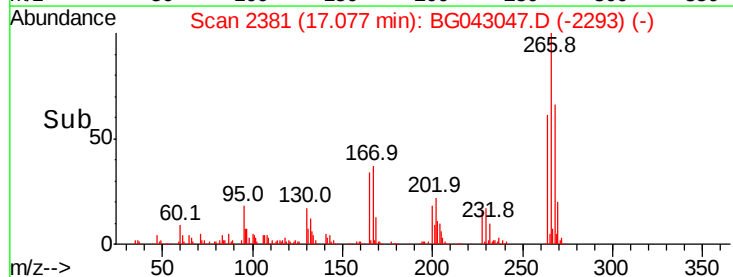
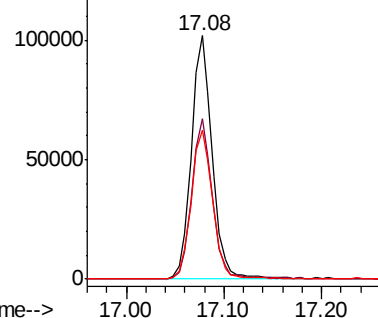


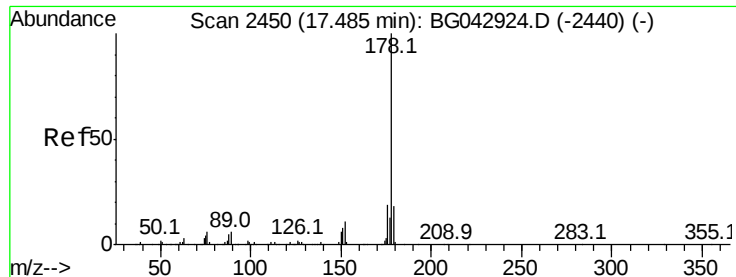
#70  
Pentachlorophenol  
Concen: 39.922 ng  
RT: 17.08 min Scan# 2381  
Delta R.T. -0.01 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.0  | 52.2  | 78.2  |
| 264     | 61.0  | 50.7  | 76.1  |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.621 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

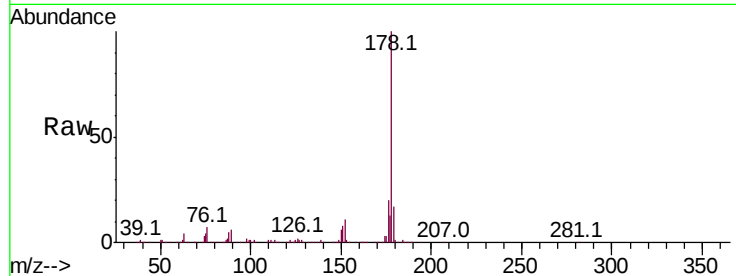
Tot Ion:178 Resp: 906671

Ion Ratio Lower Upper

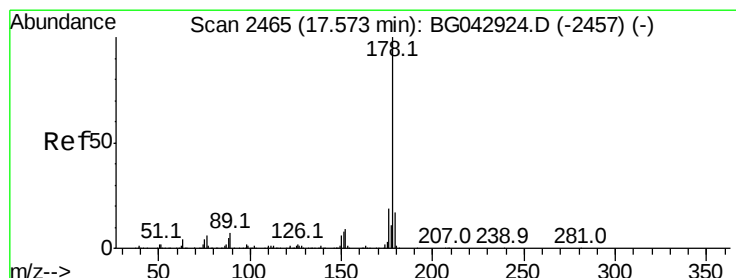
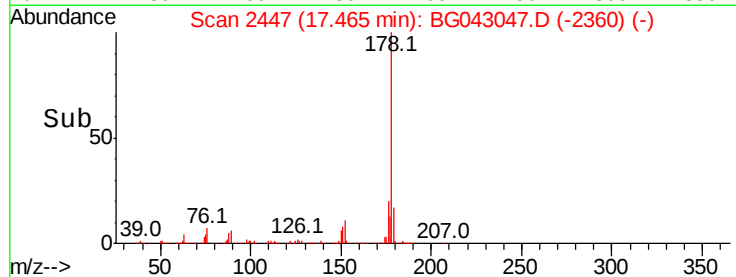
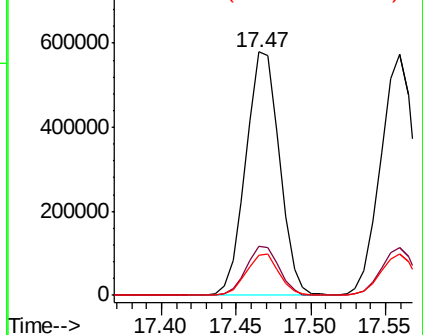
178 100

176 20.0 15.1 22.7

179 16.7 14.1 21.1



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.785 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

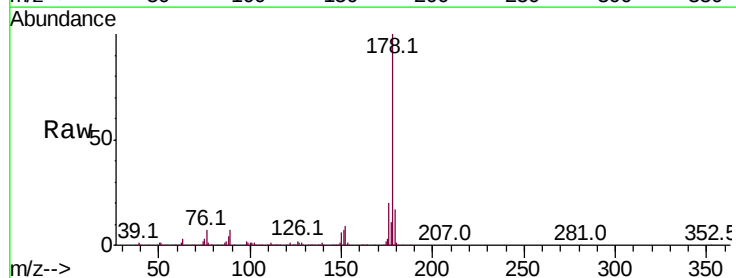
Tgt Ion:178 Resp: 908881

Ion Ratio Lower Upper

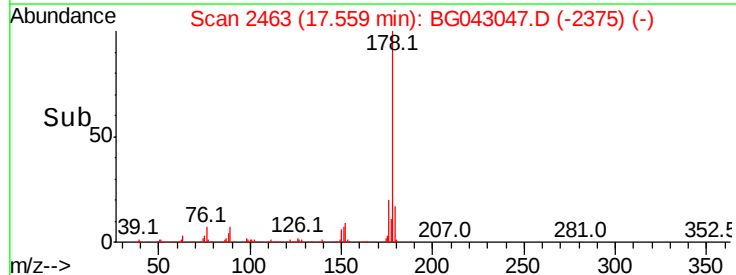
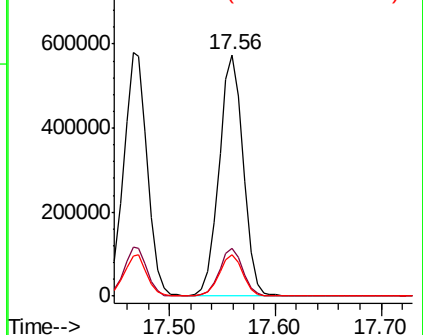
178 100

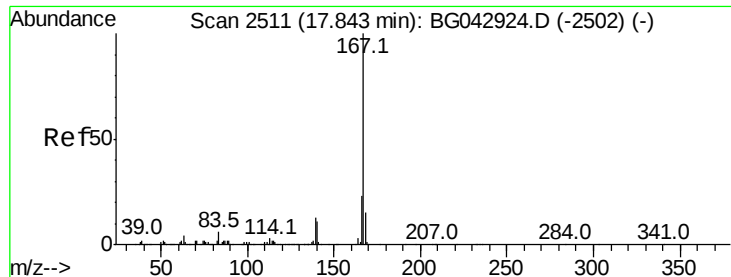
176 19.7 15.5 23.3

179 17.0 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.559 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

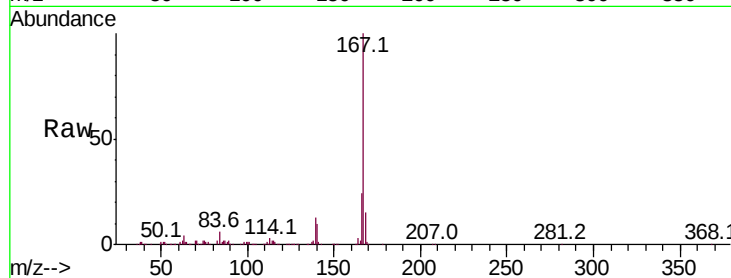
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 838046

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.8  | 18.6  | 28.0  |
| 139 | 13.0  | 10.8  | 16.2  |

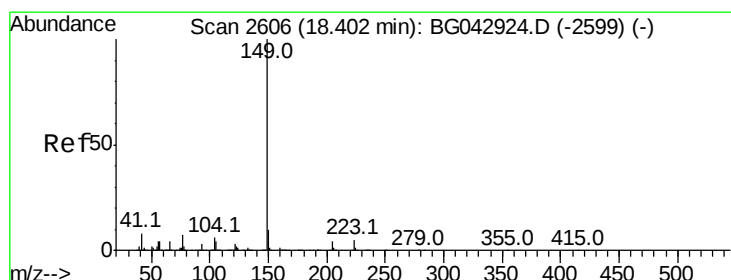
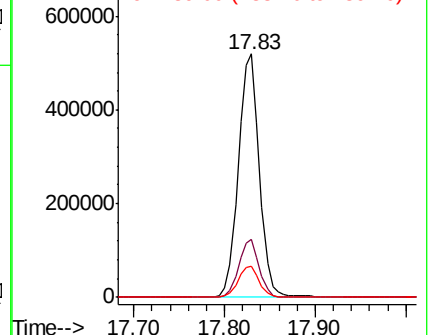
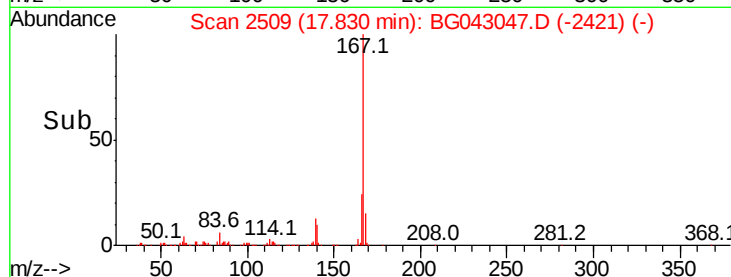


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.580 ng

RT: 18.38 min Scan# 2603

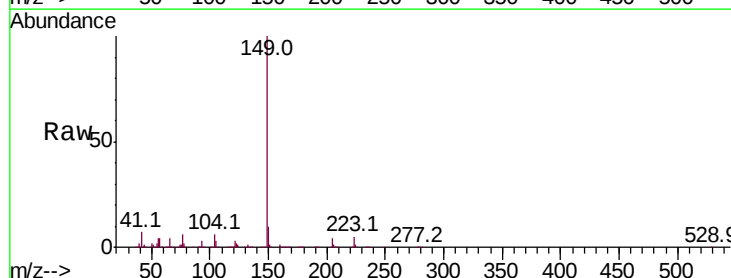
Delta R.T. -0.02 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Tgt Ion:149 Resp: 1000413

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.3  | 7.7   | 11.5  |
| 104 | 6.3   | 5.0   | 7.6   |

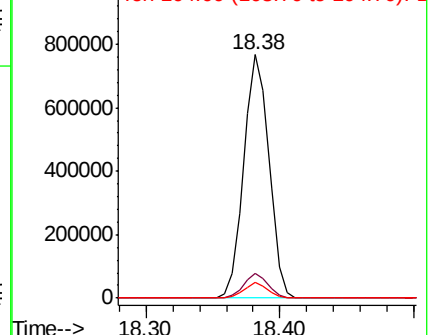
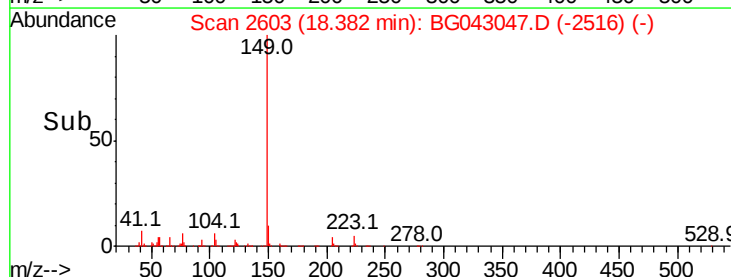


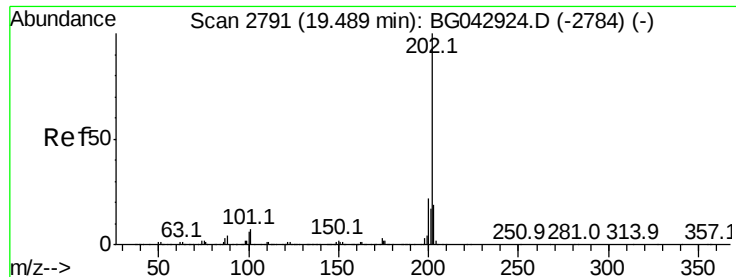
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.992 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

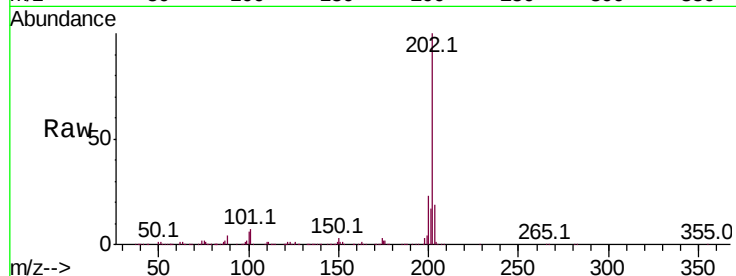
Tot Ion:202 Resp: 1180189

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.3

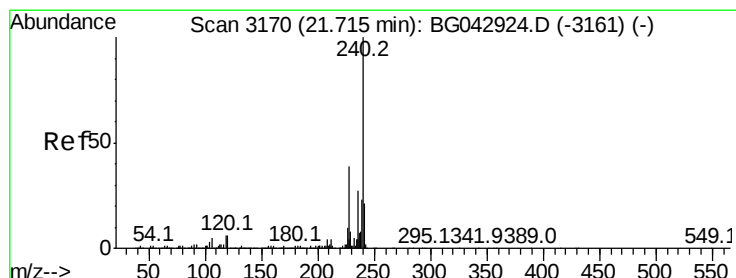
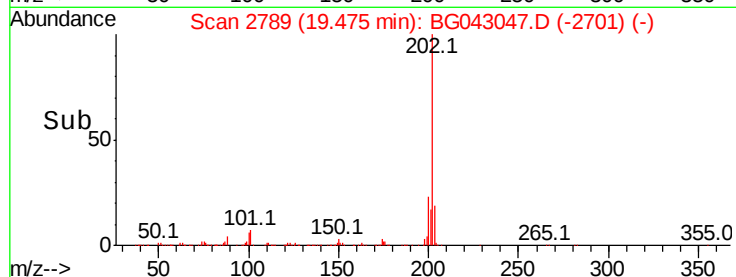
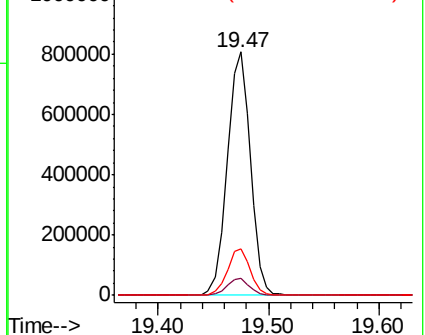
203 19.1 0.0 39.5



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: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

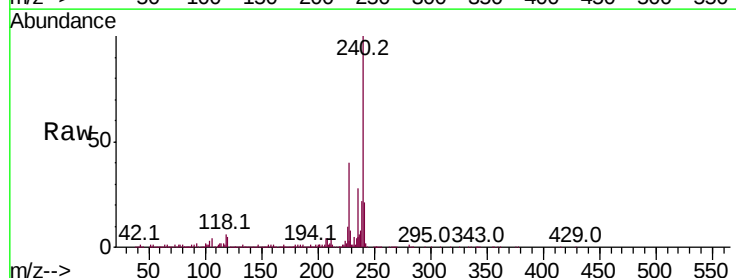
Tgt Ion:240 Resp: 514963

Ion Ratio Lower Upper

240 100

120 5.3 4.8 7.2

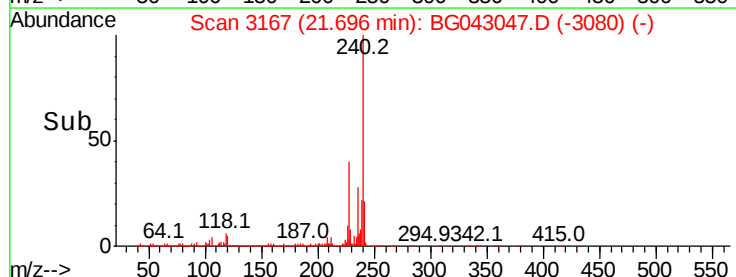
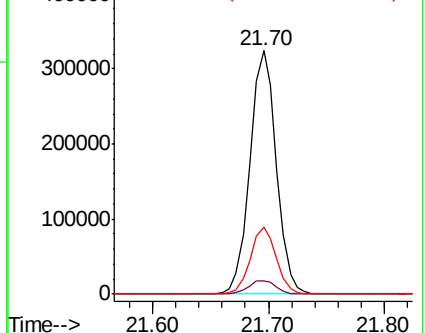
236 27.5 21.4 32.0

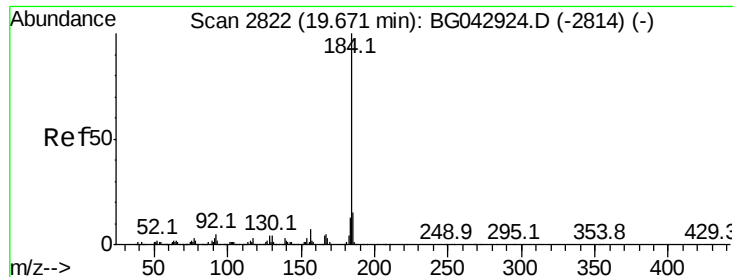


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.372 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

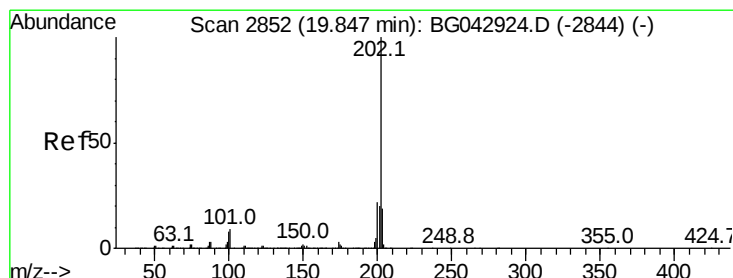
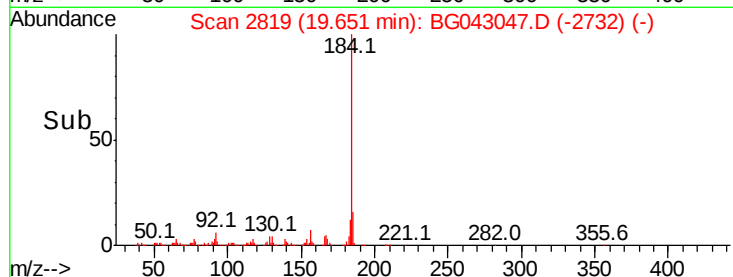
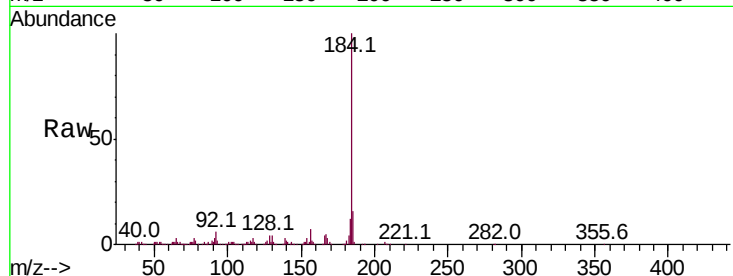
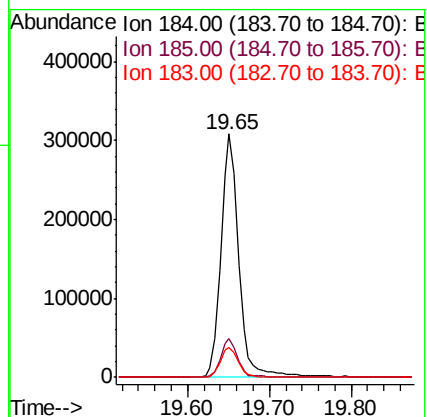
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 468989

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 16.0  | 11.8  | 17.8  |
| 183 | 12.3  | 10.1  | 15.1  |



#78

Pyrene

Concen: 38.852 ng

RT: 19.83 min Scan# 2850

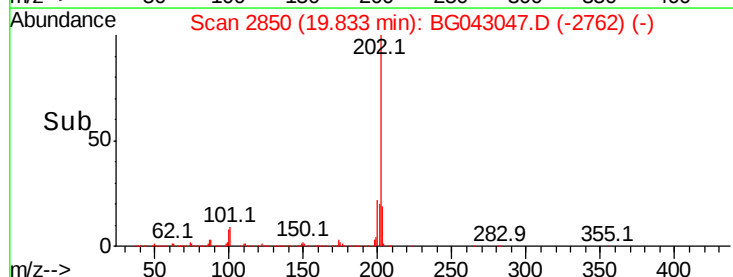
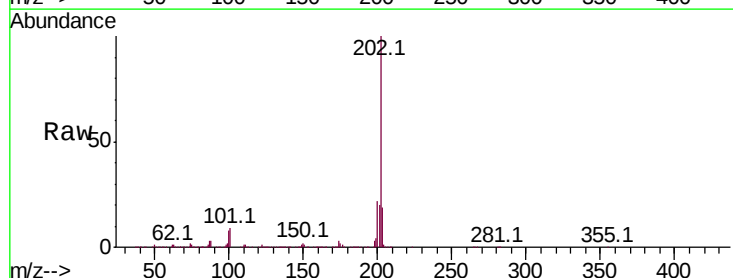
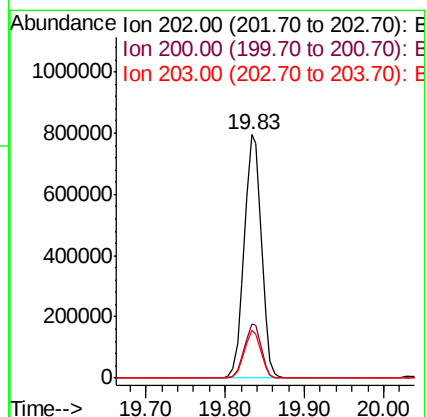
Delta R.T. -0.01 min

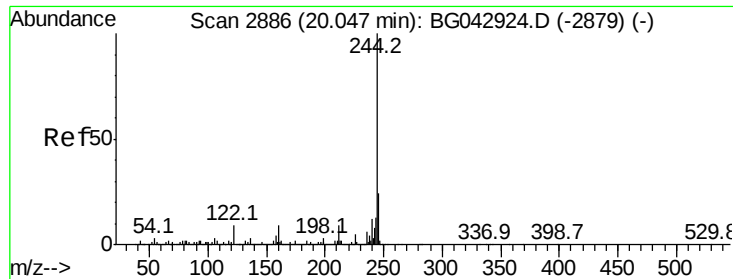
Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Tgt Ion:202 Resp: 1194148

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.3  | 17.6  | 26.4  |
| 203 | 19.4  | 15.2  | 22.8  |





#79

Terphenyl-d14

Concen: 81.595 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

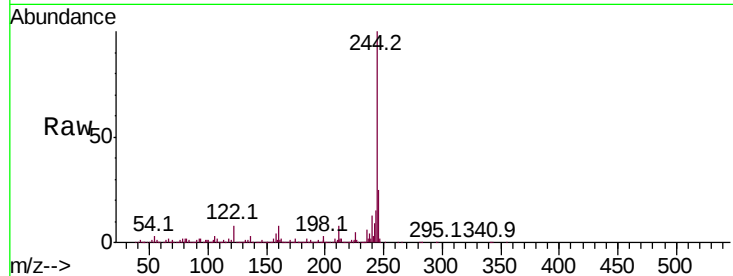
Tot Ion:244 Resp: 1971871

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.0

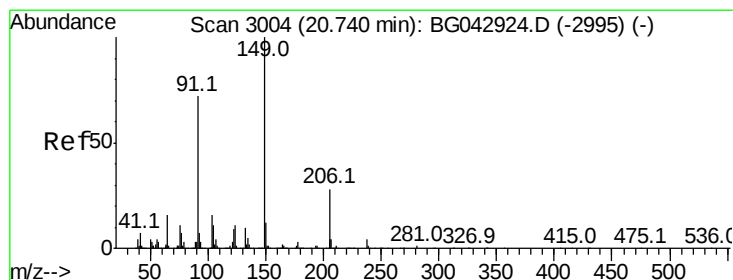
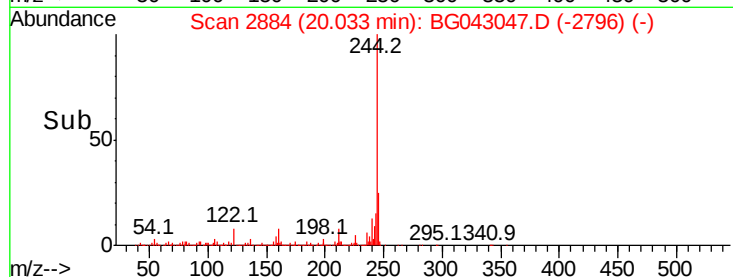
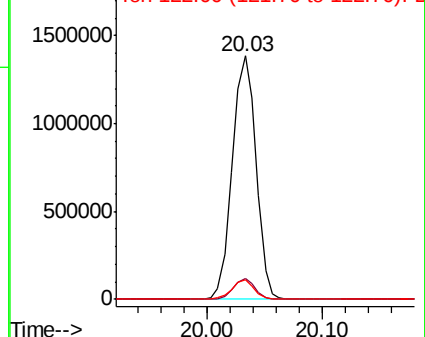
122 8.1 7.0 10.4



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: 40.892 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

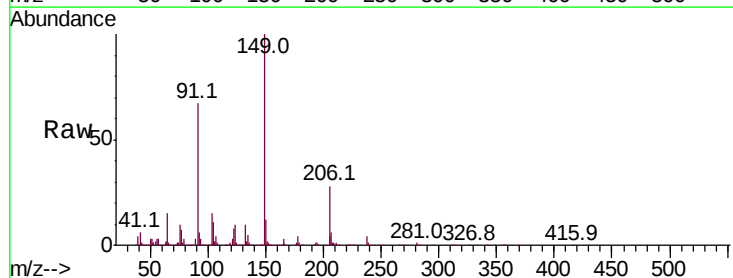
Tgt Ion:149 Resp: 477073

Ion Ratio Lower Upper

149 100

91 66.5 57.7 86.5

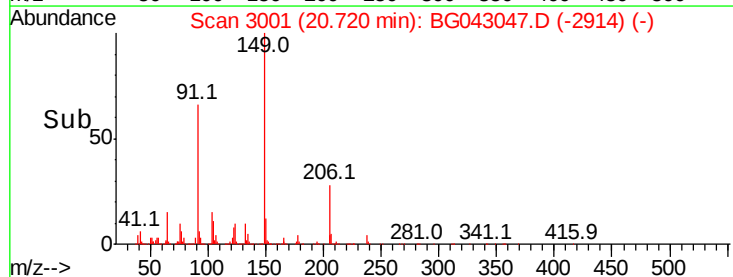
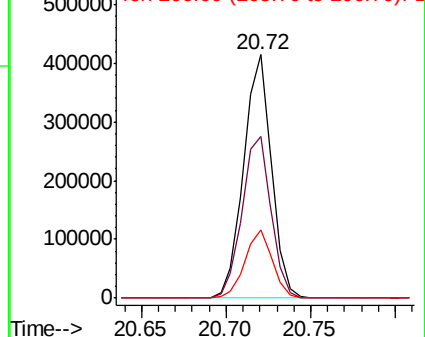
206 28.0 22.6 33.8

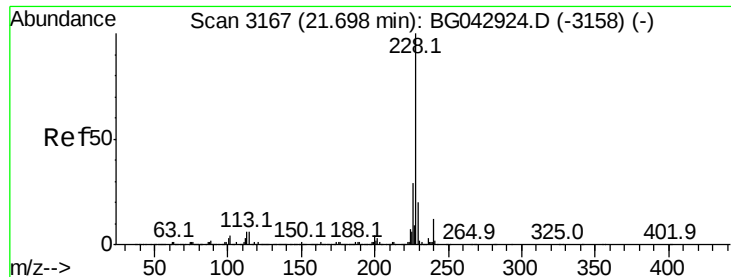


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.841 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

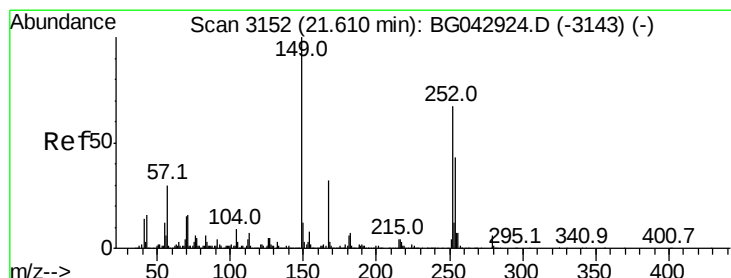
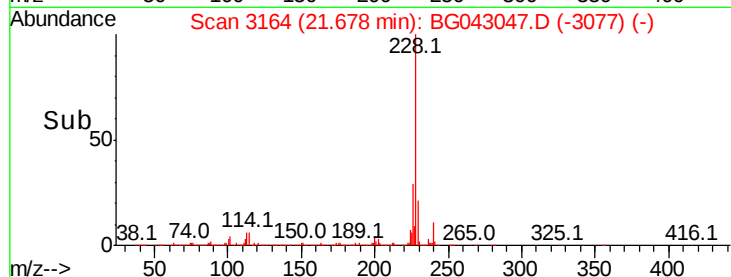
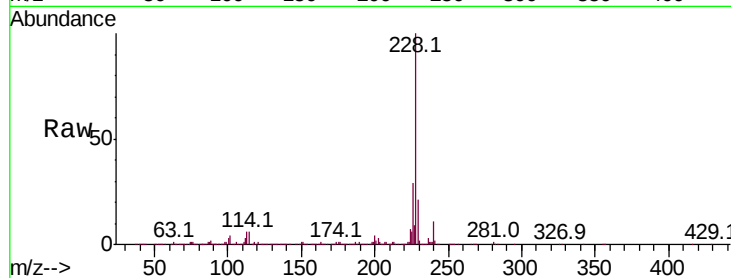
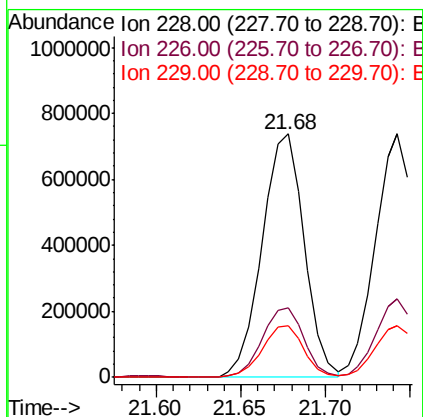
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1278375

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.8  | 23.0  | 34.4  |
| 229 | 21.3  | 16.3  | 24.5  |



#82

3,3'-Dichlorobenzidine

Concen: 40.495 ng

RT: 21.59 min Scan# 3149

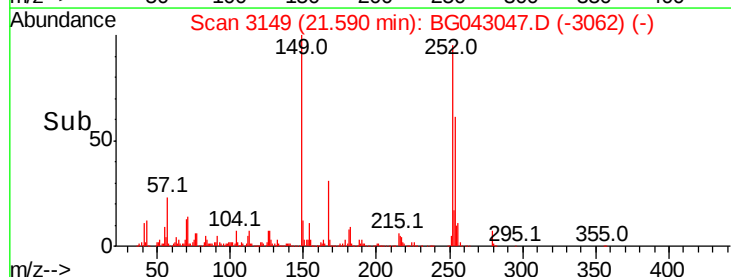
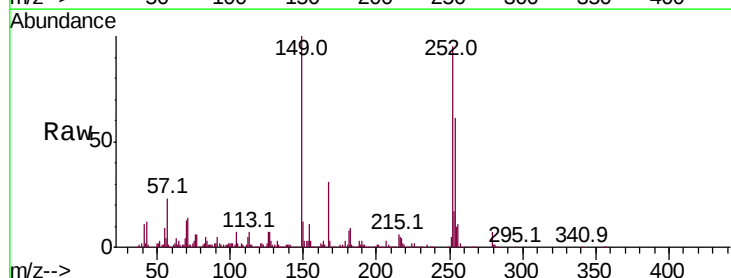
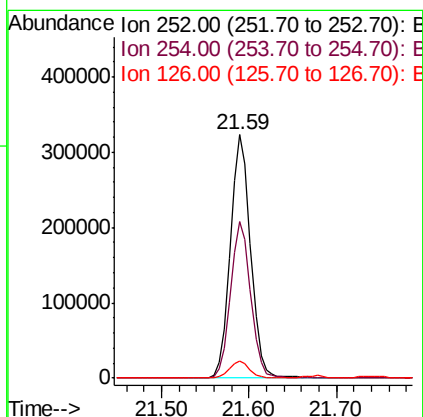
Delta R.T. -0.02 min

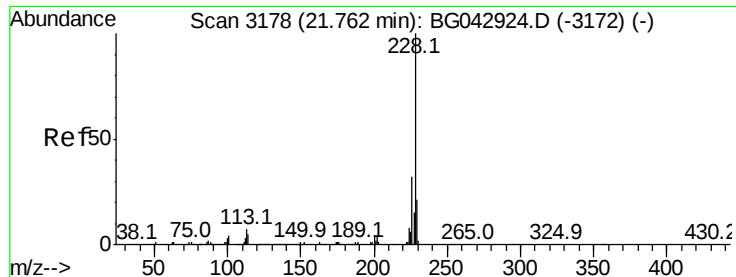
Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Tgt Ion:252 Resp: 509625

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.4  | 51.9  | 77.9  |
| 126 | 7.2   | 6.1   | 9.1   |





#83

Chrysene

Concen: 39.687 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

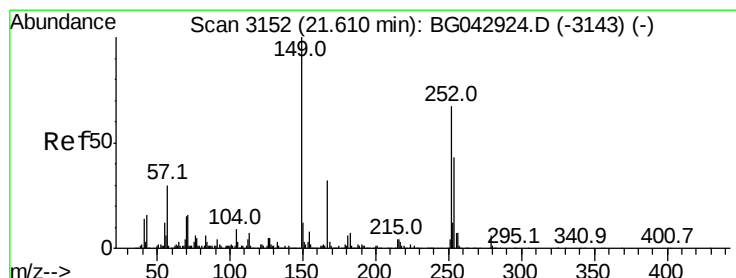
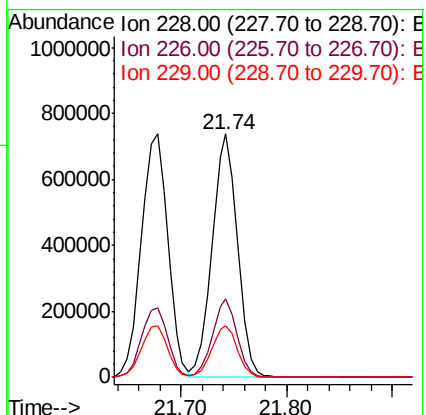
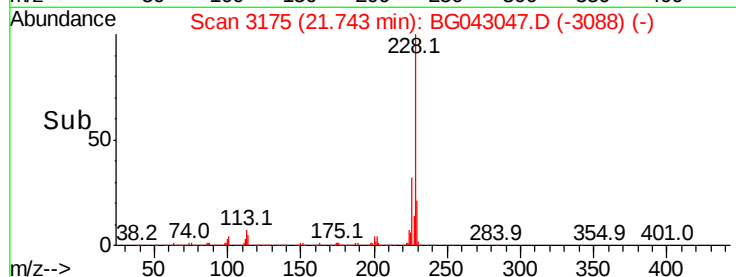
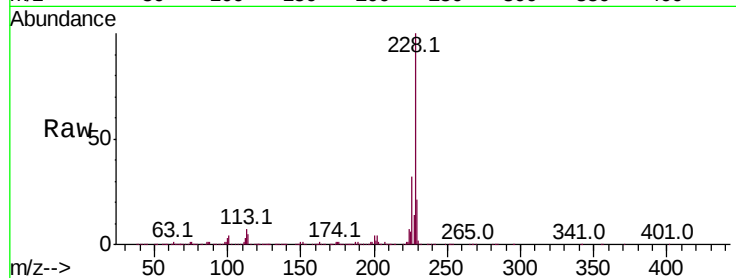
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1235764

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.0  | 25.6  | 38.4  |
| 229 | 21.4  | 16.9  | 25.3  |



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.587 ng

RT: 21.58 min Scan# 3148

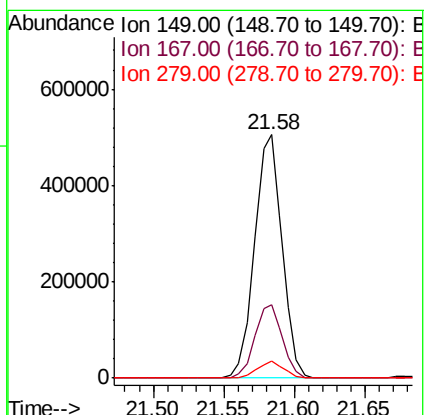
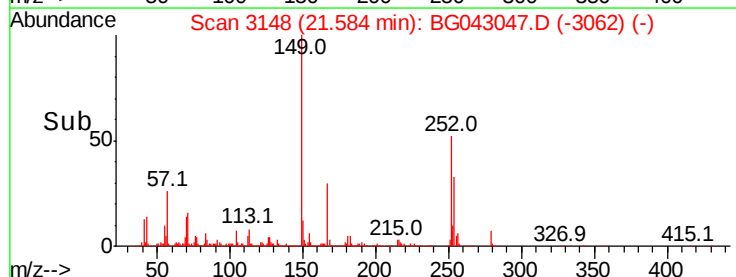
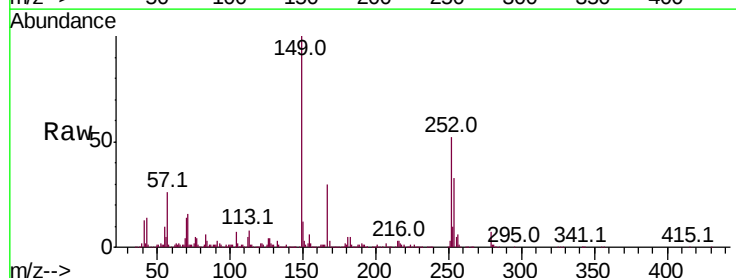
Delta R.T. -0.03 min

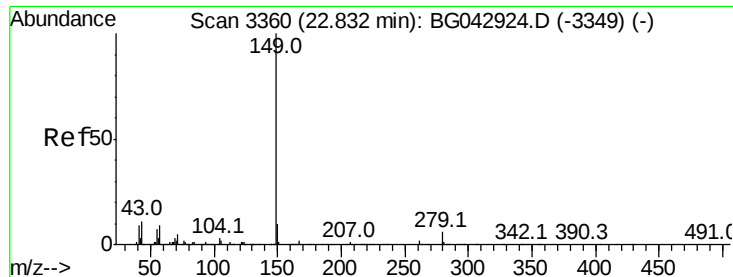
Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Tgt Ion:149 Resp: 690390

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.0  | 25.4  | 38.2  |
| 279 | 7.0   | 5.1   | 7.7   |





#85

Di-n-octyl phthalate

Concen: 42.172 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.04 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

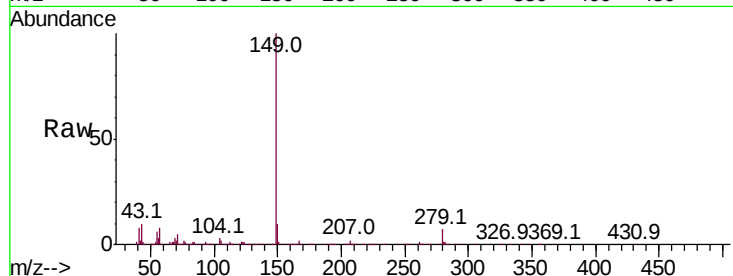
Tot Ion:149 Resp: 1144794

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

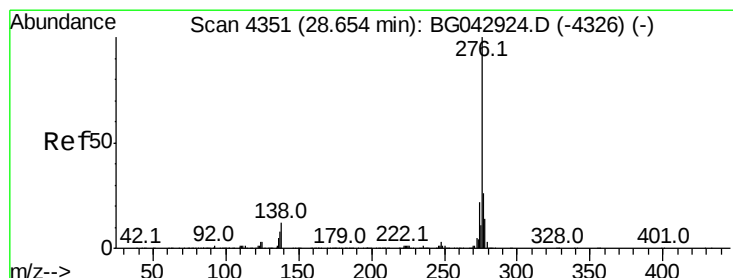
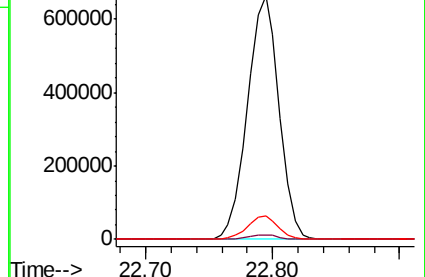
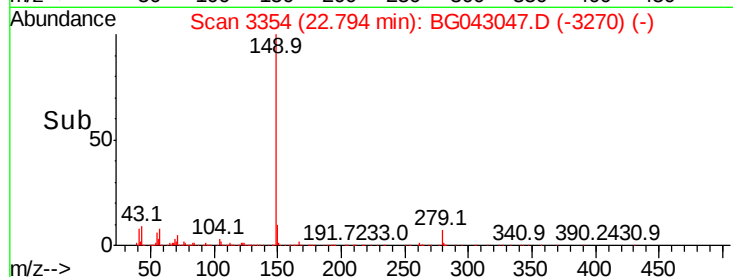
43 9.4 8.7 13.1



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: 42.160 ng

RT: 28.58 min Scan# 4338

Delta R.T. -0.08 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

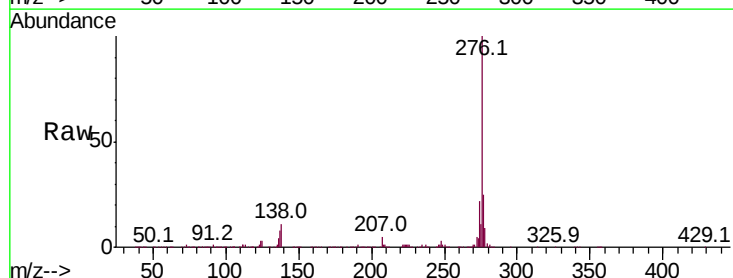
Tgt Ion:276 Resp: 1634295

Ion Ratio Lower Upper

276 100

138 14.1 7.0 10.6#

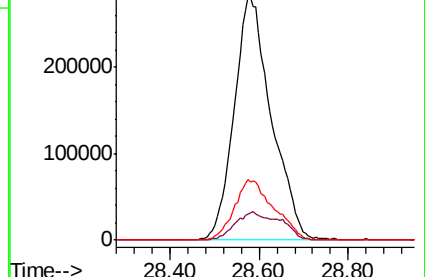
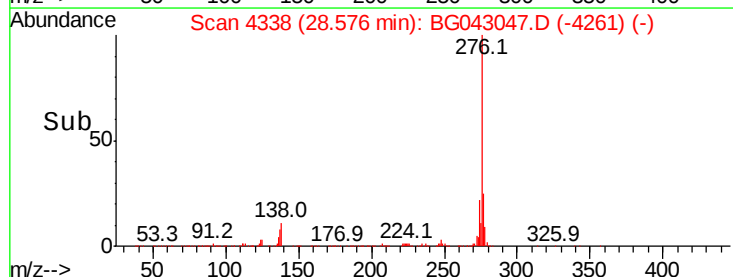
277 26.1 20.9 31.3

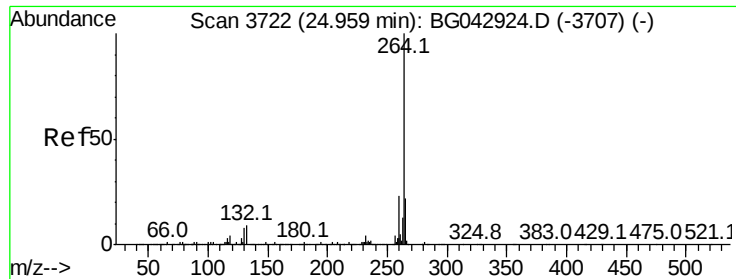


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.92 min Scan# 3715

Delta R.T. -0.04 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

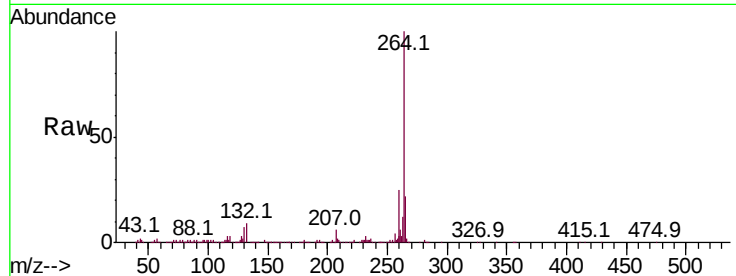
Tot Ion:264 Resp: 614850

Ion Ratio Lower Upper

264 100

260 24.8 18.7 28.1

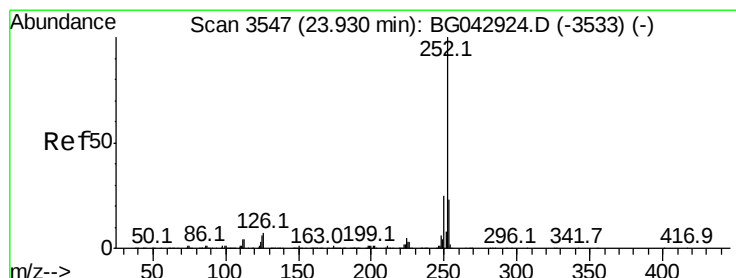
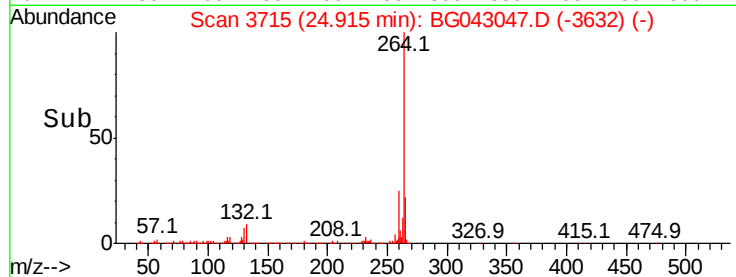
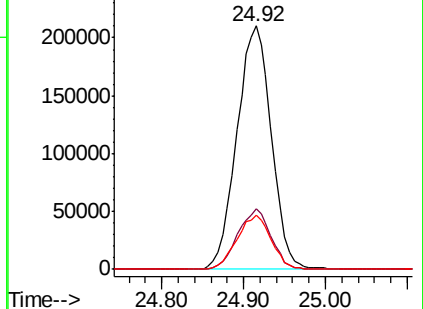
265 22.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.223 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.04 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

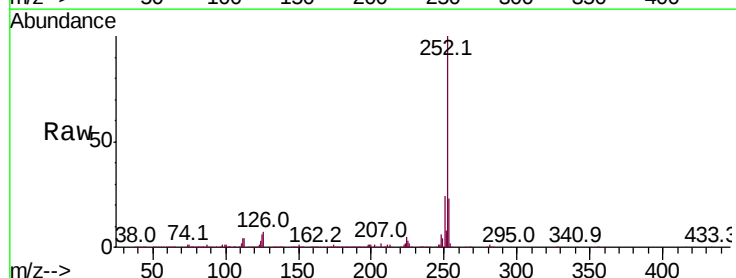
Tgt Ion:252 Resp: 1399337

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

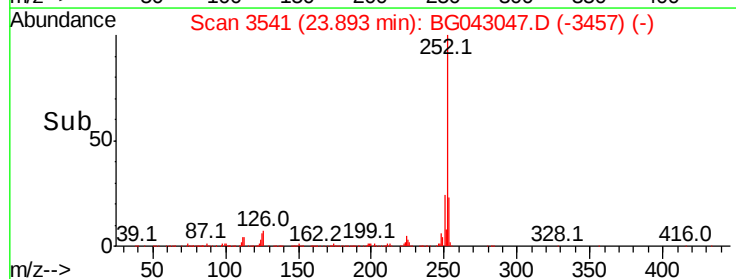
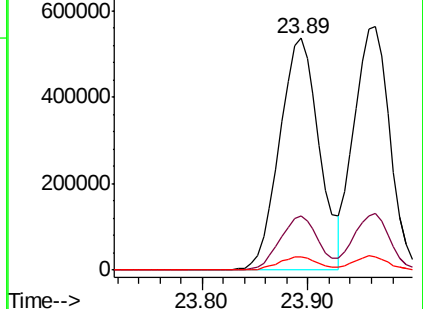
125 5.9 4.6 7.0

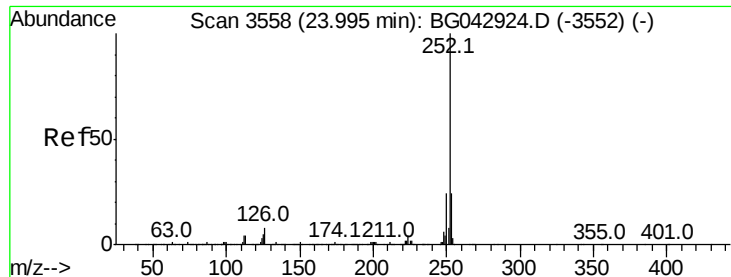


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.096 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

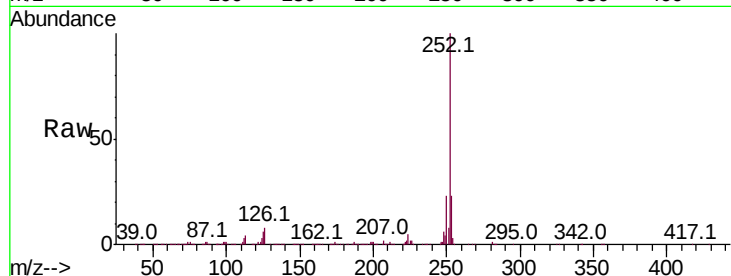
Tot Ion:252 Resp: 1311129

Ion Ratio Lower Upper

252 100

253 23.2 18.9 28.3

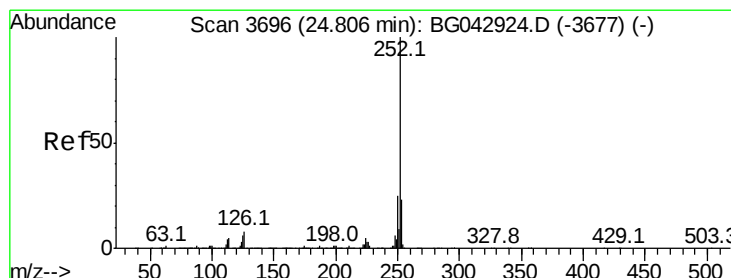
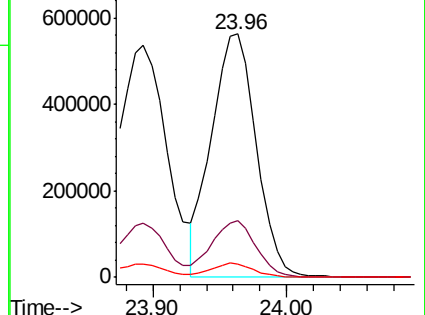
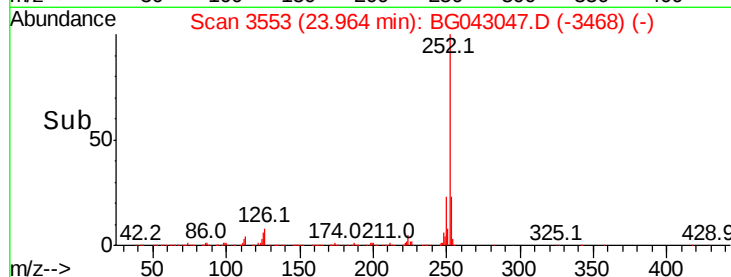
125 5.6 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.594 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.04 min

Lab File: BG043047.D

Acq: 5 Oct 2019 9:47

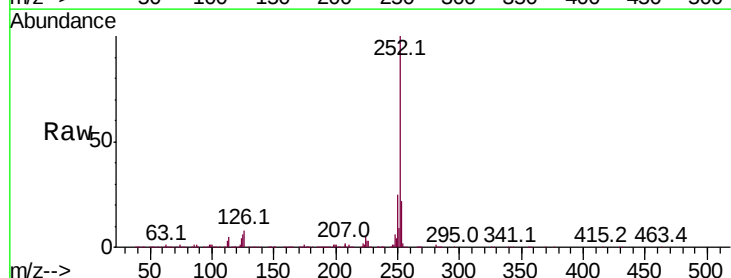
Tgt Ion:252 Resp: 1299594

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

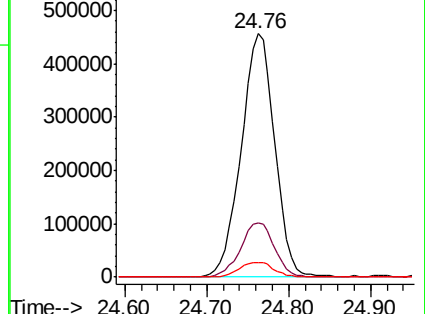
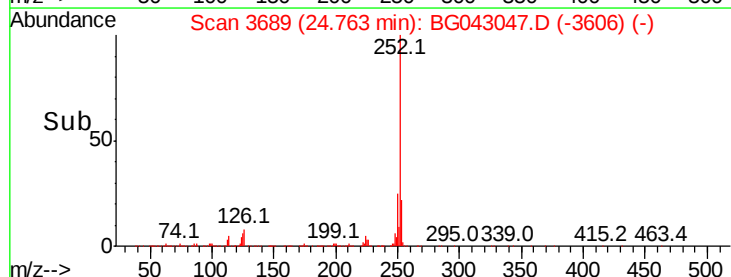
125 6.1 5.0 7.6

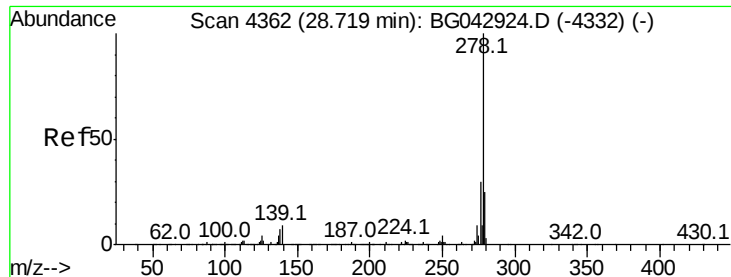


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

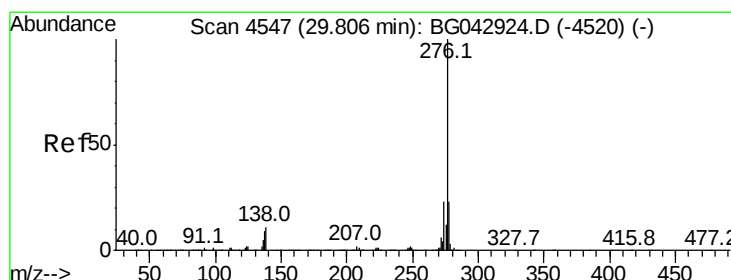
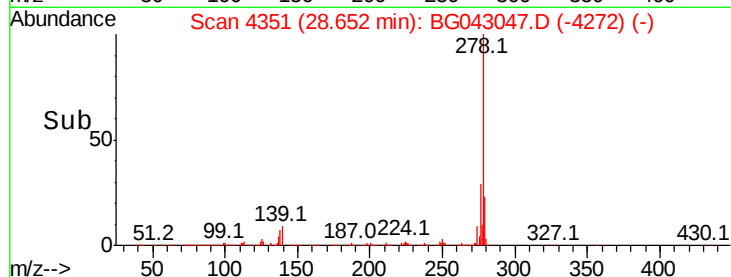
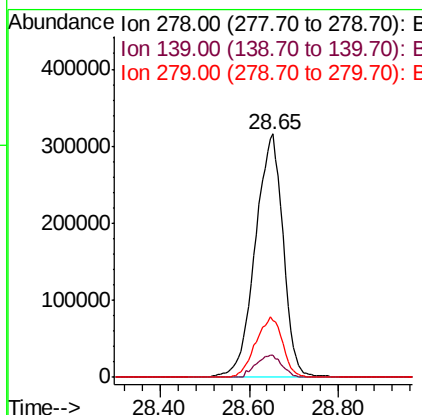
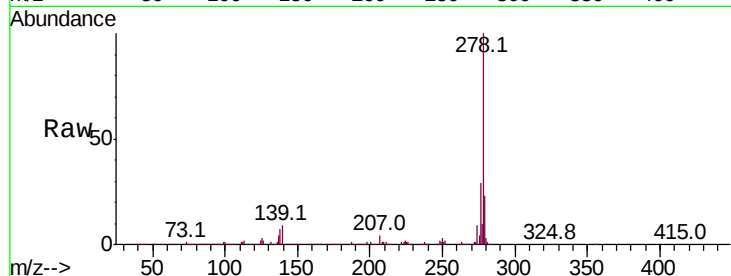




#91  
Dibenzo(a,h)anthracene  
Concen: 40.262 ng  
RT: 28.65 min Scan# 4351  
Delta R.T. -0.07 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:278 Resp: 1355119  
Ion Ratio Lower Upper  
278 100  
139 8.9 6.8 10.2  
279 23.4 20.1 30.1



#92  
Benzo(g,h,i)perylene  
Concen: 40.450 ng  
RT: 29.73 min Scan# 4534  
Delta R.T. -0.08 min  
Lab File: BG043047.D  
Acq: 5 Oct 2019 9:47

Tgt Ion:276 Resp: 1319116  
Ion Ratio Lower Upper  
276 100  
277 25.0 18.4 27.6  
138 12.1 8.6 12.8

