

Data File : BG038247.D  
Acq On : 30 Nov 2018 00:16  
Operator : JU/SJ  
Sample : J6073-01MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

Quant Time: Nov 30 01:12:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG111318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 13 16:39:28 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 36707    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.90 | 136  | 157811   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.72 | 164  | 95819    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.47 | 188  | 218837   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.75 | 240  | 201040   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.07 | 264  | 213416   | 20.00 | ng    | -0.01    |

#### System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.63  | 112 | 255042 | 119.96 | ng | 0.00 |
| 7) Phenol-d6             | 7.24  | 99  | 326724 | 107.66 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.26  | 82  | 237539 | 80.57  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.21 | 330 | 118501 | 108.44 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.34 | 172 | 488770 | 74.31  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.06 | 244 | 793774 | 92.90  | ng | 0.00 |

#### Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 34604  | 34.459 | ng | # 43   |
| 3) Pyridine                    | 3.94  | 79  | 86593  | 30.229 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 59800  | 57.541 | ng | 90     |
| 6) Aniline                     | 7.41  | 93  | 46141  | 11.780 | ng | 98     |
| 8) 2-Chlorophenol              | 7.64  | 128 | 124415 | 50.434 | ng | 99     |
| 9) Benzaldehyde                | 7.23  | 77  | 59773  | 27.236 | ng | 96     |
| 10) Phenol                     | 7.27  | 94  | 148794 | 46.289 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.50  | 93  | 118140 | 45.018 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.97  | 146 | 121274 | 42.674 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.12  | 146 | 124211 | 43.267 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.44  | 146 | 117984 | 43.047 | ng | 98     |
| 15) Benzyl Alcohol             | 8.33  | 79  | 184204 | 83.884 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60  | 45  | 253757 | 52.074 | ng | 96     |
| 17) 2-Methylphenol             | 8.52  | 107 | 110054 | 50.640 | ng | 98     |
| 18) Hexachloroethane           | 9.16  | 117 | 47133  | 45.113 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.89  | 70  | 99512  | 45.317 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.85  | 107 | 150447 | 48.834 | ng | 97     |
| 22) Acetophenone               | 8.91  | 105 | 185159 | 47.157 | ng | 96     |
| 24) Nitrobenzene               | 9.31  | 77  | 150627 | 49.947 | ng | 96     |
| 25) Isophorone                 | 9.82  | 82  | 281195 | 52.993 | ng | 98     |
| 26) 2-Nitrophenol              | 10.02 | 139 | 71388  | 47.417 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.06 | 122 | 125970 | 55.533 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.30 | 93  | 164634 | 48.521 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.54 | 162 | 129843 | 50.889 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.76 | 180 | 128598 | 44.977 | ng | 97     |
| 31) Naphthalene                | 10.96 | 128 | 384978 | 49.598 | ng | 99     |
| 32) Benzoic acid               | 10.17 | 122 | 21638  | 23.341 | ng | 97     |
| 33) 4-Chloroaniline            | 11.07 | 127 | 15323  | 4.244  | ng | 96     |
| 34) Hexachlorobutadiene        | 11.21 | 225 | 80035  | 45.483 | ng | 98     |
| 35) Caprolactam                | 11.86 | 113 | 34988  | 34.259 | ng | # 83   |
| 36) 4-Chloro-3-methylphenol    | 12.17 | 107 | 140374 | 50.358 | ng | 95     |
| 37) 2-Methylnaphthalene        | 12.55 | 142 | 278753 | 49.997 | ng | 96     |
| 38) 1-Methylnaphthalene        | 12.77 | 142 | 267681 | 49.878 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.91 | 216 | 149610 | 46.726 | ng | 99     |

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BNA\_G  
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CHASIS-WASHMSD

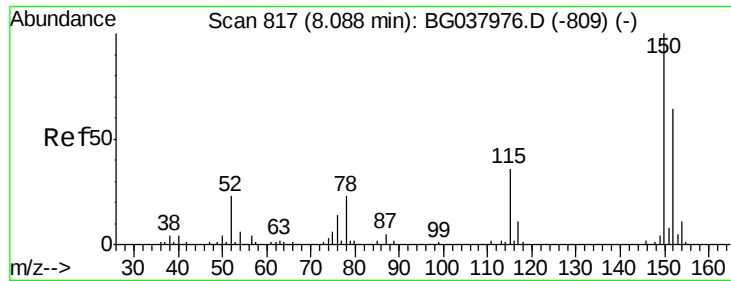
Quant Time: Nov 30 01:12:22 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG111318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 13 16:39:28 2018  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 129821   | 75.719 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.15 | 196  | 106875   | 48.984 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.22 | 196  | 114633   | 49.934 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.55 | 154  | 359199   | 44.622 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.60 | 162  | 285169   | 46.424 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.81 | 65   | 104367   | 53.984 | ng    | 99       |
| 49) Acenaphthylene             | 14.45 | 152  | 466930   | 50.548 | ng    | 99       |
| 50) Dimethylphthalate          | 14.17 | 163  | 389925   | 51.331 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.30 | 165  | 84293    | 49.029 | ng    | 94       |
| 52) Acenaphthene               | 14.78 | 154  | 270114   | 48.572 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.63 | 138  | 31116    | 16.402 | ng    | # 93     |
| 54) 2,4-Dinitrophenol          | 14.83 | 184  | 5997     | 14.997 | ng    | 88       |
| 55) Dibenzofuran               | 15.12 | 168  | 441675   | 48.032 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.93 | 139  | 89841    | 61.402 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 15.09 | 165  | 117006   | 50.020 | ng    | 96       |
| 58) Fluorene                   | 15.76 | 166  | 349133   | 50.887 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.34 | 232  | 78649    | 40.942 | ng    | 95       |
| 60) Diethylphthalate           | 15.52 | 149  | 377042   | 46.731 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.75 | 204  | 184092   | 45.856 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.80 | 138  | 80712    | 42.827 | ng    | 91       |
| 63) Azobenzene                 | 16.04 | 77   | 357238   | 49.520 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.84 | 198  | 8696     | 6.283  | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.97 | 169  | 320344   | 48.387 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.65 | 248  | 115586   | 48.122 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.76 | 284  | 117252   | 47.293 | ng    | 97       |
| 69) Atrazine                   | 16.91 | 200  | 118570   | 48.584 | ng    | 98       |
| 70) Pentachlorophenol          | 17.11 | 266  | 27899    | 16.569 | ng    | 92       |
| 71) Phenanthrene               | 17.51 | 178  | 568068   | 50.702 | ng    | 100      |
| 72) Anthracene                 | 17.60 | 178  | 579288   | 52.451 | ng    | 99       |
| 73) Carbazole                  | 17.87 | 167  | 528222   | 47.670 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.41 | 149  | 645915   | 51.928 | ng    | 98       |
| 75) Fluoranthene               | 19.52 | 202  | 670129   | 52.423 | ng    | 99       |
| 78) Pyrene                     | 19.88 | 202  | 678065   | 51.587 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 300179   | 52.222 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.73 | 228  | 639897   | 52.671 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 84404    | 17.835 | ng    | 97       |
| 83) Chrysene                   | 21.80 | 228  | 601781   | 51.771 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.60 | 149  | 419837   | 51.216 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.84 | 149  | 721092   | 54.374 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.88 | 276  | 647810   | 50.179 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 24.01 | 252  | 615954   | 52.447 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.08 | 252  | 623340   | 53.788 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.92 | 252  | 604944   | 53.898 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.94 | 278  | 541933   | 50.182 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 30.08 | 276  | 517967   | 48.237 | ng    | 98       |

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG038247.D

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Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

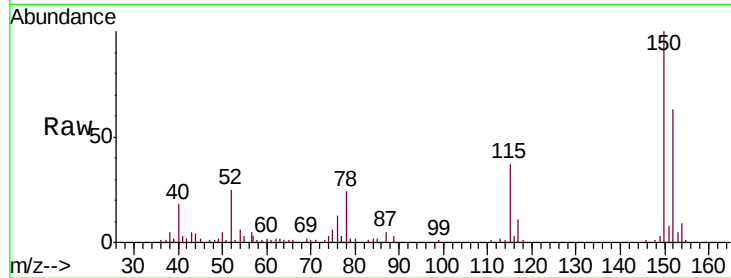
Tgt Ion:152 Resp: 36707

Ion Ratio Lower Upper

152 100

150 157.6 126.0 189.0

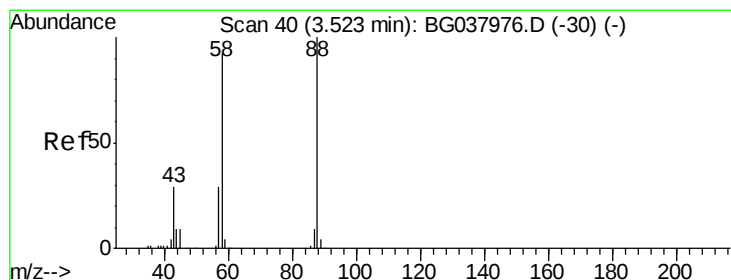
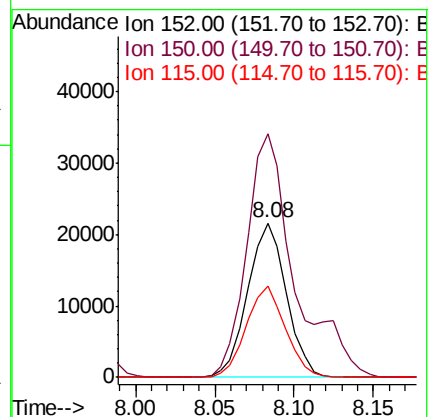
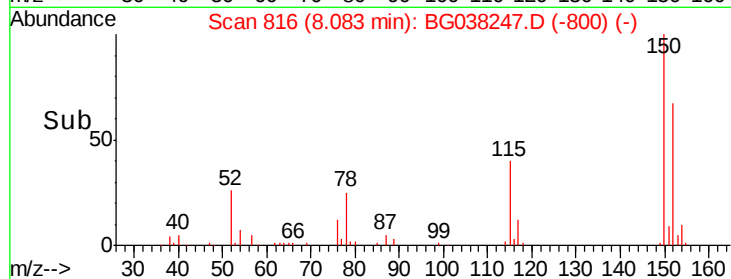
115 58.9 45.5 68.3



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: 34.459 ng

RT: 3.53 min Scan# 41

Delta R.T. 0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

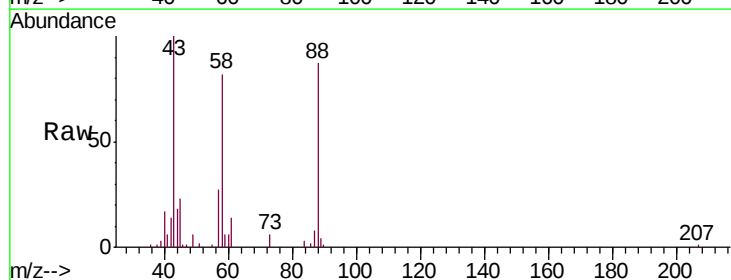
Tgt Ion: 88 Resp: 34604

Ion Ratio Lower Upper

88 100

58 96.8 74.4 111.6

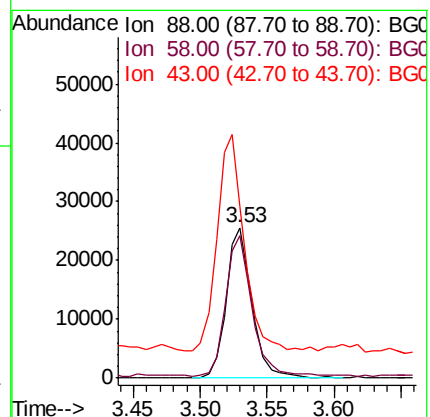
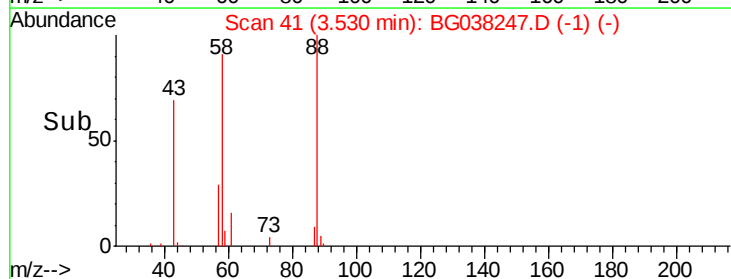
43 149.7 25.8 38.8#

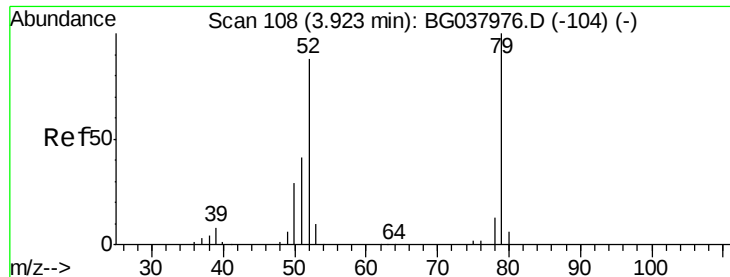


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 30.229 ng

RT: 3.94 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG038247.D

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Instrument :

BNA\_G

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CHASIS-WASHMSD

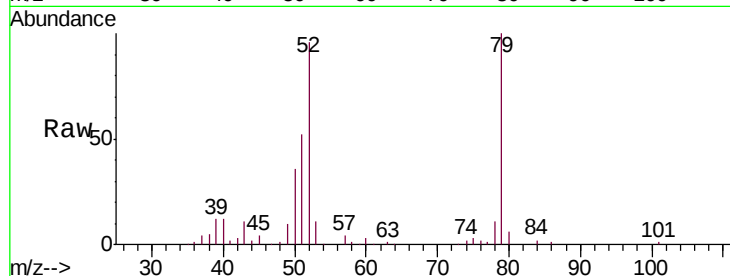
Tgt Ion: 79 Resp: 86593

Ion Ratio Lower Upper

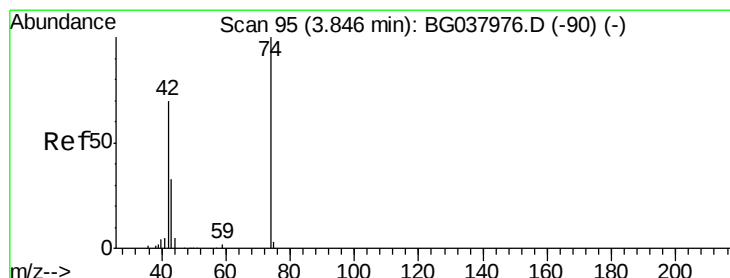
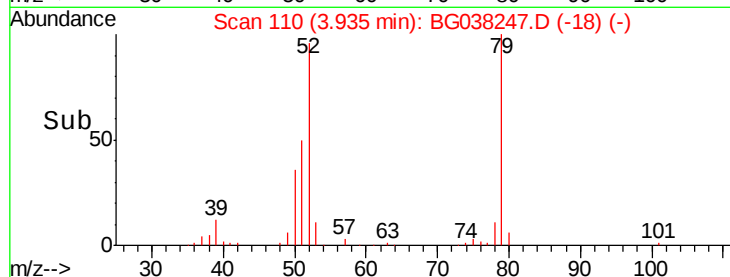
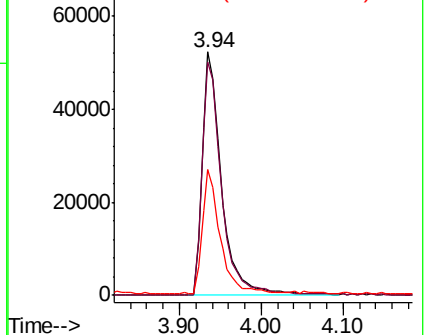
79 100

52 95.7 74.2 111.2

51 51.5 34.6 51.8



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: 57.541 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

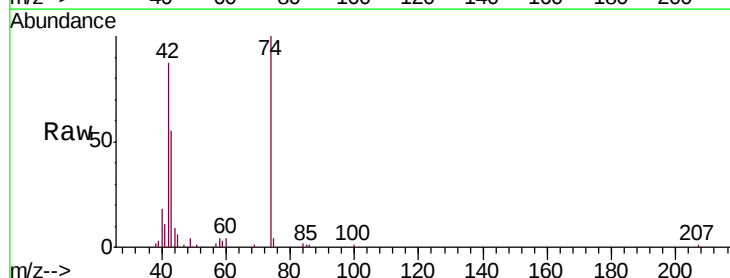
Tgt Ion: 42 Resp: 59800

Ion Ratio Lower Upper

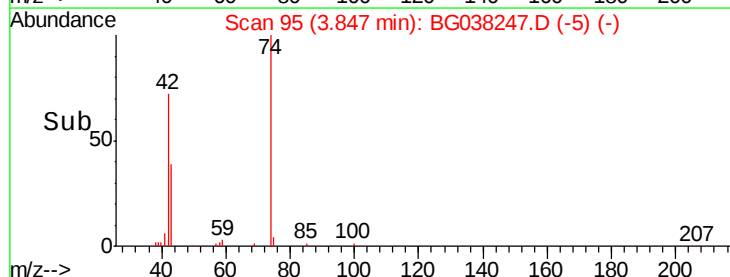
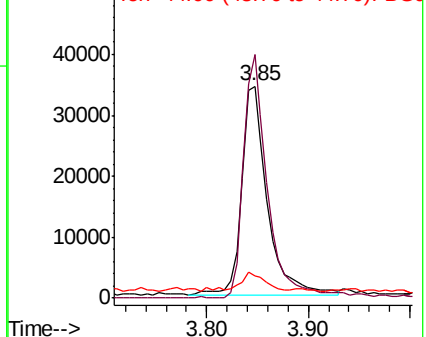
42 100

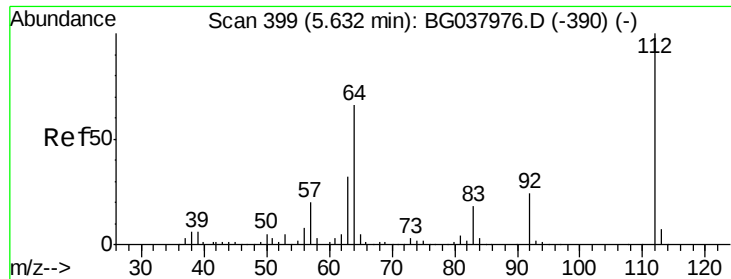
74 115.0 102.0 153.0

44 10.3 9.6 14.4



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





#5

2-Fluorophenol

Concen: 119.963 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038247.D

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BNA\_G

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CHASIS-WASHMSD

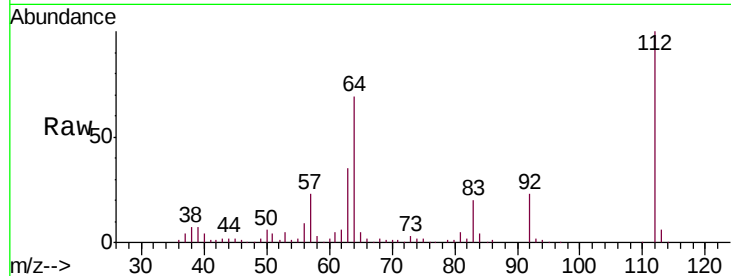
Tgt Ion: 112 Resp: 255042

Ion Ratio Lower Upper

112 100

64 69.4 53.1 79.7

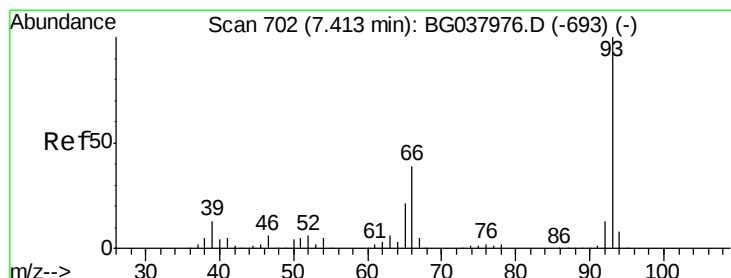
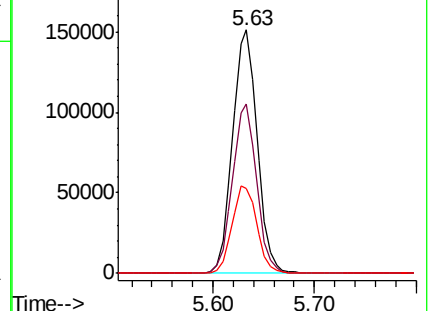
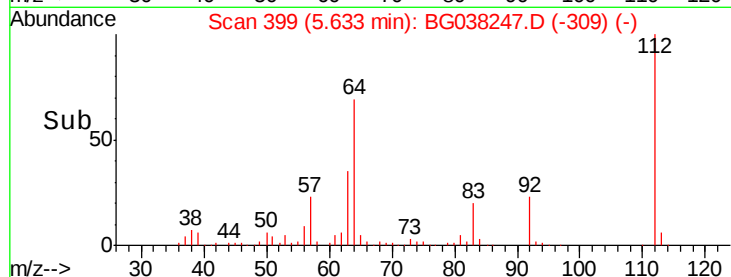
63 34.8 27.3 40.9



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: 11.780 ng

RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

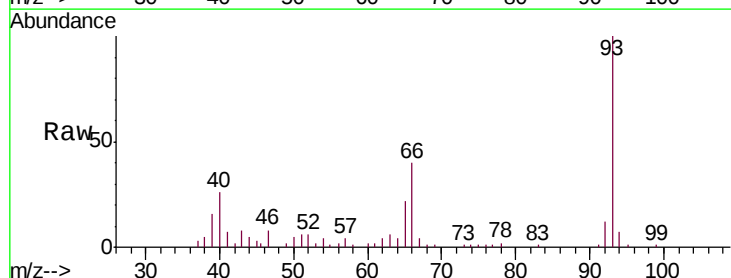
Tgt Ion: 93 Resp: 46141

Ion Ratio Lower Upper

93 100

66 39.9 32.8 49.2

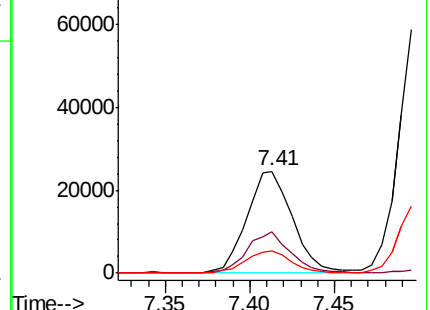
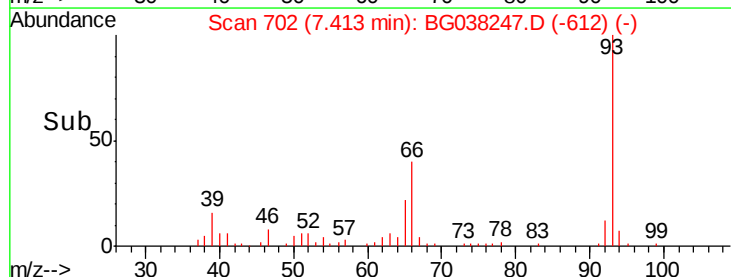
65 22.3 16.4 24.6

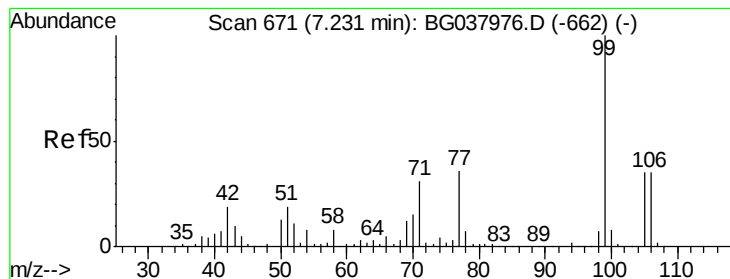


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.661 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038247.D

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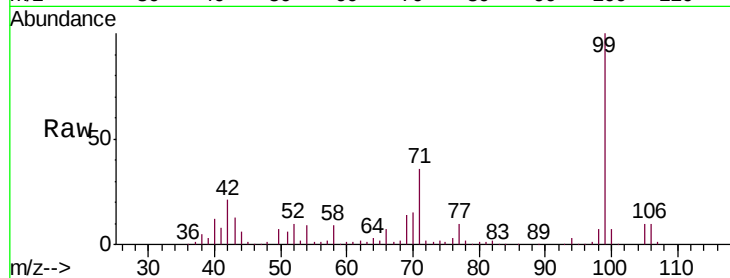
Tgt Ion: 99 Resp: 326724

Ion Ratio Lower Upper

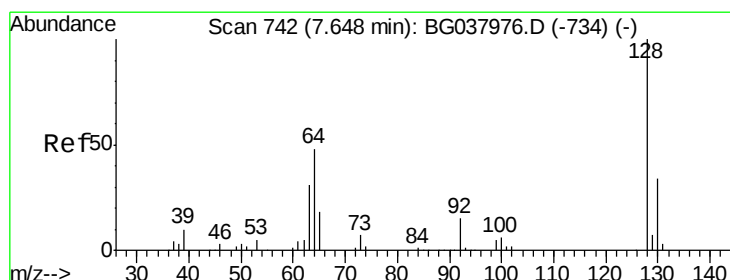
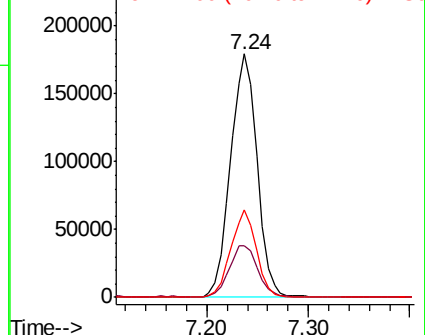
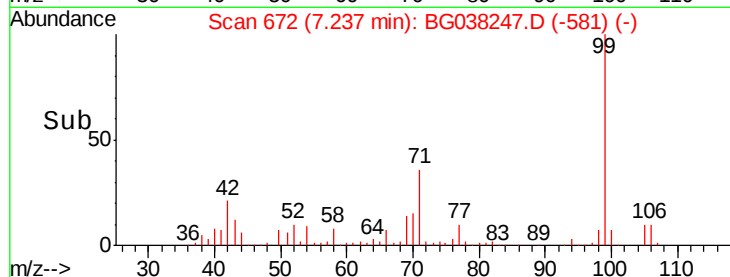
99 100

42 21.2 15.0 22.4

71 35.8 25.5 38.3



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: 50.434 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

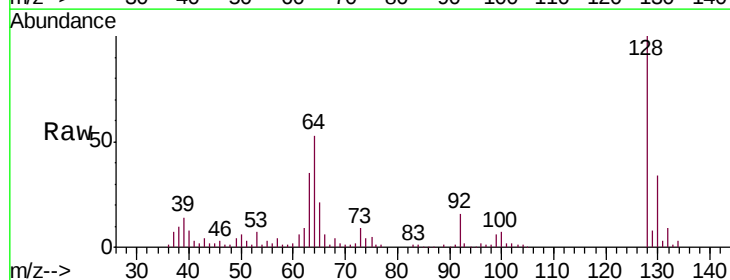
Tgt Ion: 128 Resp: 124415

Ion Ratio Lower Upper

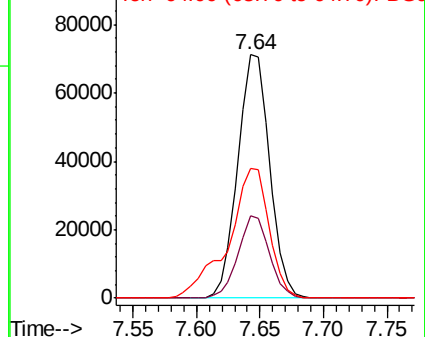
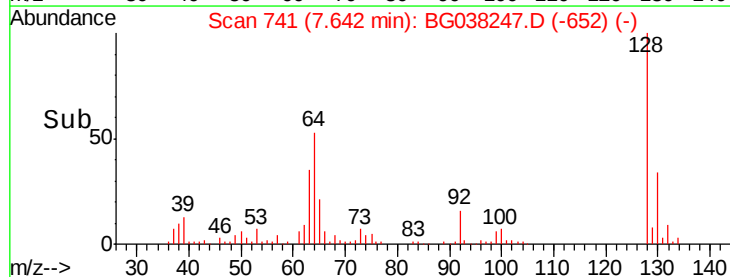
128 100

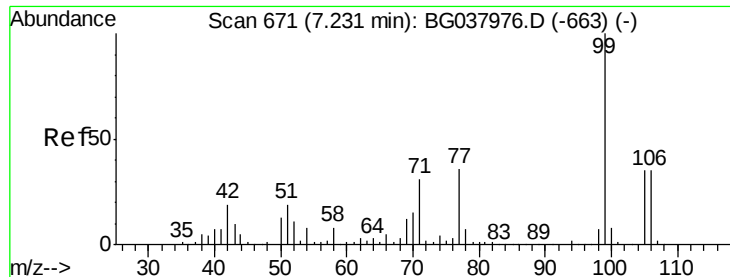
130 33.6 12.0 52.0

64 53.1 32.9 72.9



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: 27.236 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

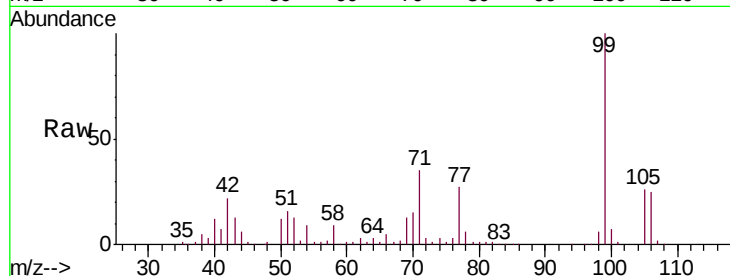
Tgt Ion: 77 Resp: 59773

Ion Ratio Lower Upper

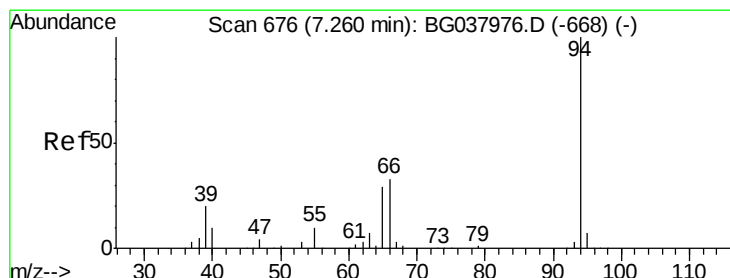
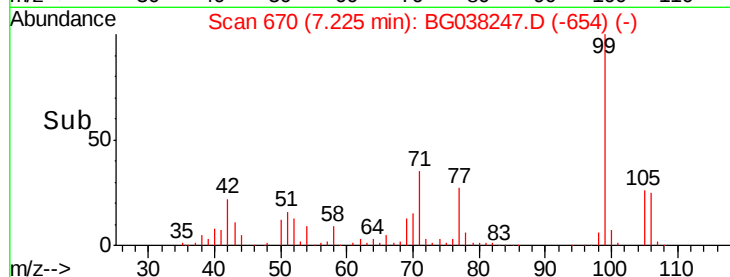
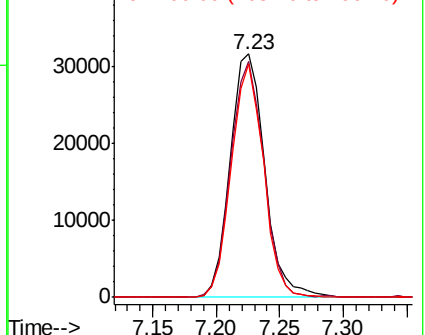
77 100

105 96.7 72.6 112.6

106 95.7 71.3 111.3



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: 46.289 ng

RT: 7.27 min Scan# 677

Delta R.T. 0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

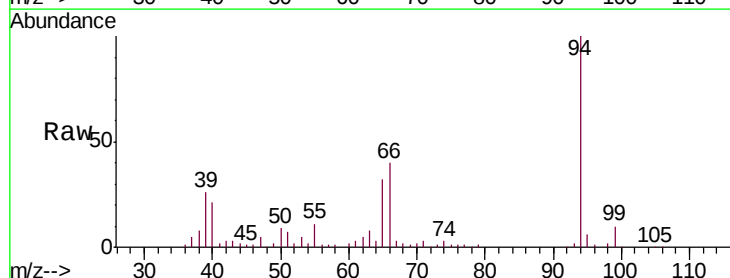
Tgt Ion: 94 Resp: 148794

Ion Ratio Lower Upper

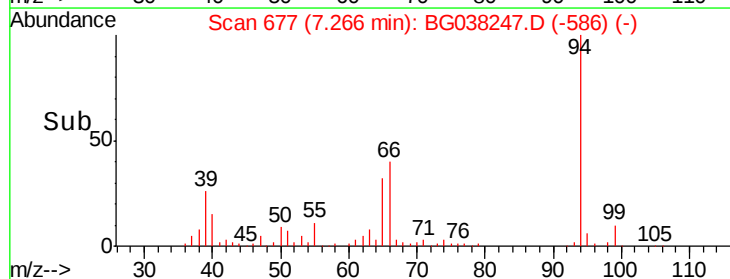
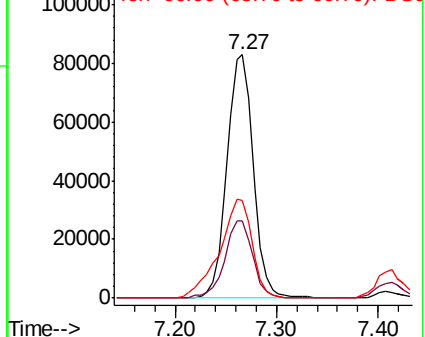
94 100

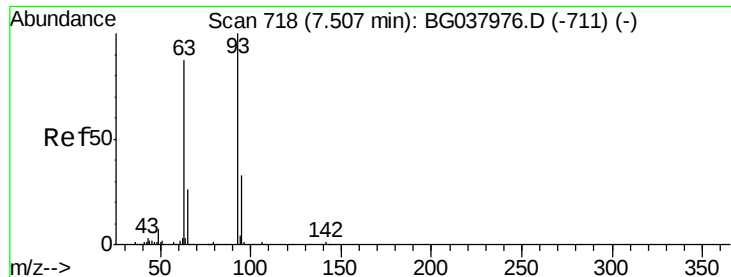
65 31.6 9.7 49.7

66 40.2 15.9 55.9



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

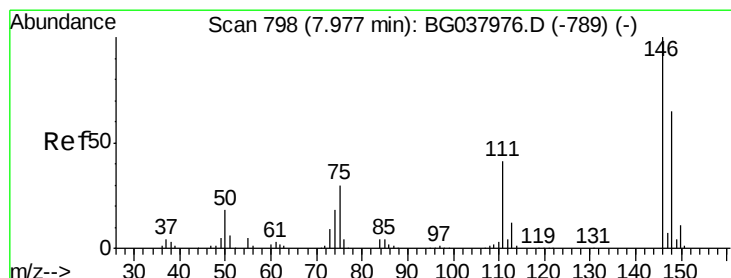
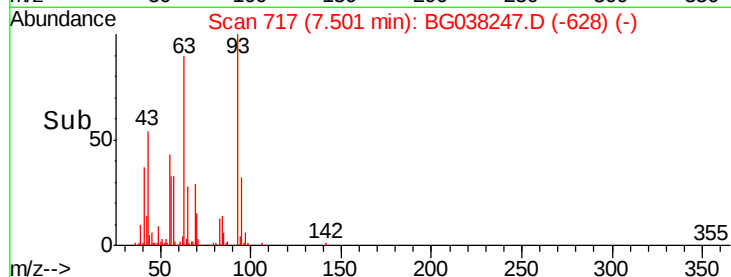
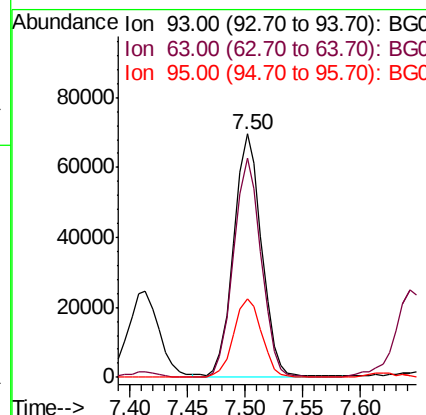
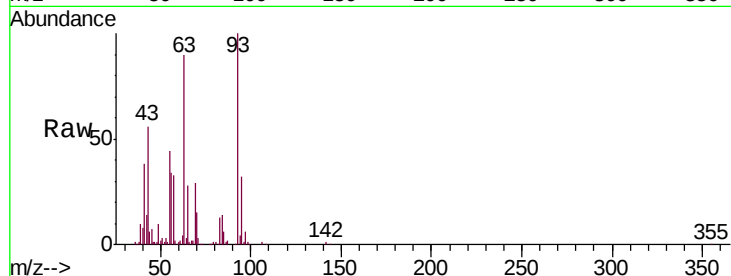




#11  
bis(2-Chloroethyl)ether  
Concen: 45.018 ng  
RT: 7.50 min Scan# 717  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

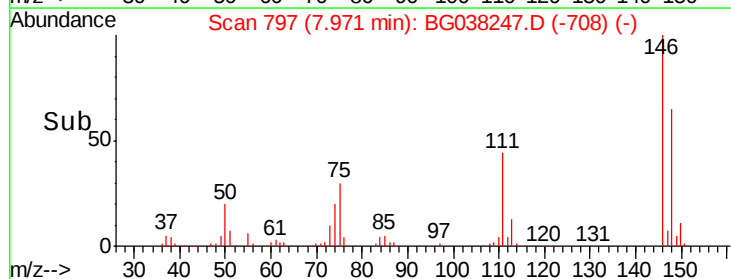
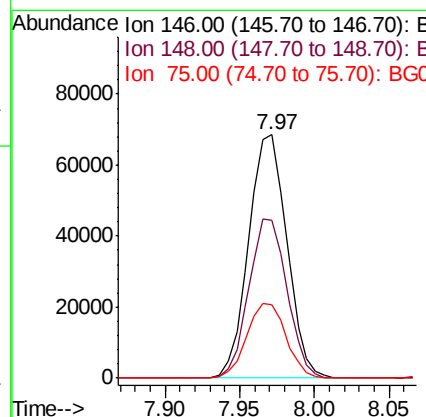
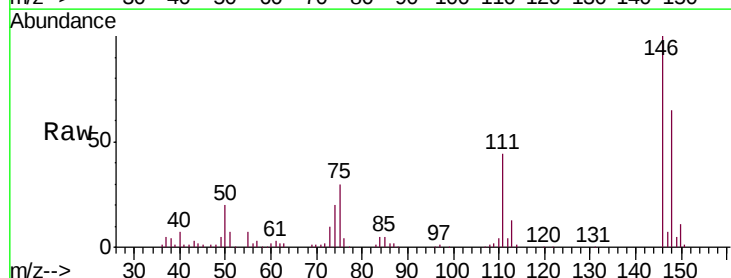
Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

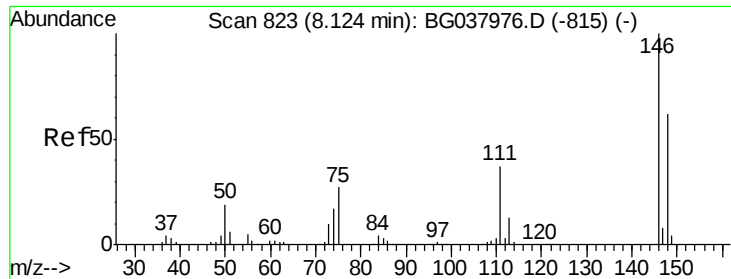
Tgt Ion: 93 Resp: 118140  
Ion Ratio Lower Upper  
93 100  
63 90.3 69.5 109.5  
95 32.3 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 42.674 ng  
RT: 7.97 min Scan# 797  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Tgt Ion: 146 Resp: 121274  
Ion Ratio Lower Upper  
146 100  
148 64.8 49.8 74.8  
75 30.3 23.2 34.8

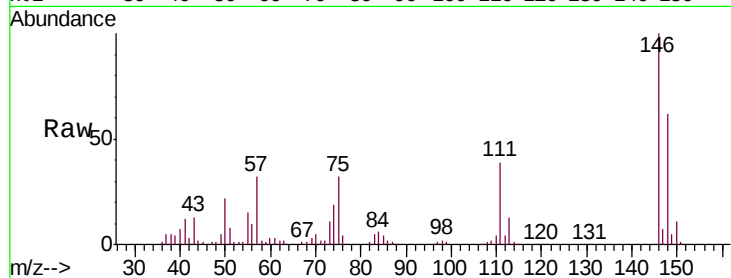




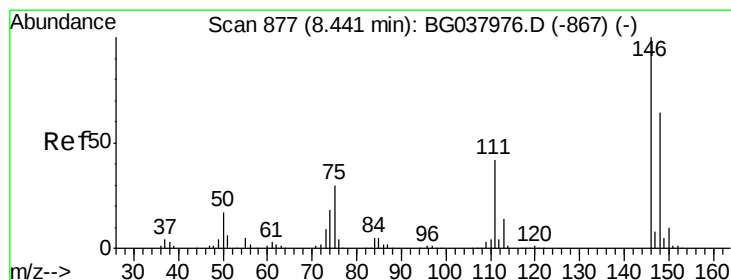
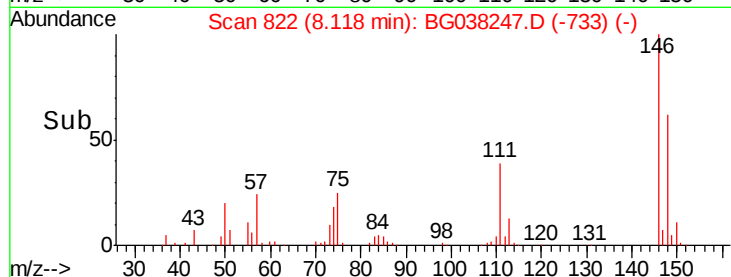
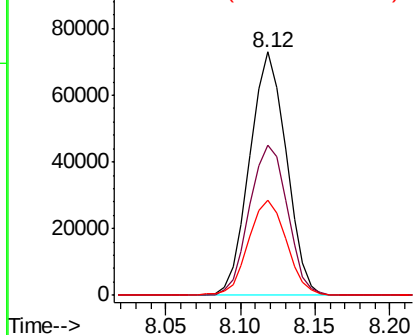
#13  
 1,4-Dichlorobenzene  
 Concen: 43.267 ng  
 RT: 8.12 min Scan# 822  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHASIS-WASHMSD

Tgt Ion:146 Resp: 124211  
 Ion Ratio Lower Upper  
 146 100  
 148 61.9 51.0 76.6  
 111 39.1 32.4 48.6

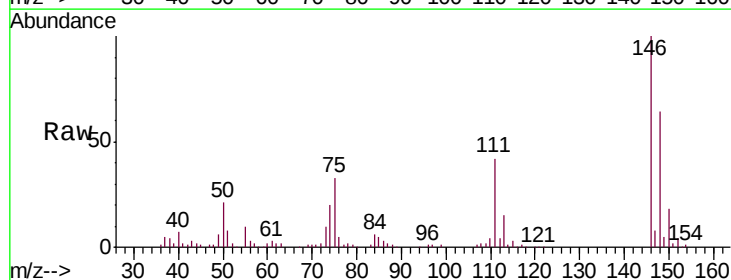


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

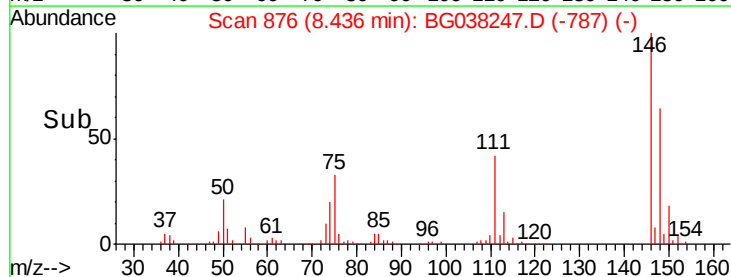
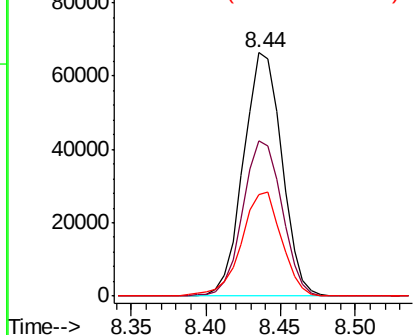


#14  
 1,2-Dichlorobenzene  
 Concen: 43.047 ng  
 RT: 8.44 min Scan# 876  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Tgt Ion:146 Resp: 117984  
 Ion Ratio Lower Upper  
 146 100  
 148 63.9 50.4 75.6  
 111 41.7 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 83.884 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.00 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

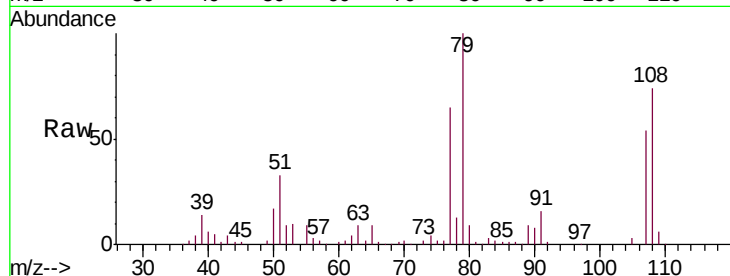
Tgt Ion: 79 Resp: 184204

Ion Ratio Lower Upper

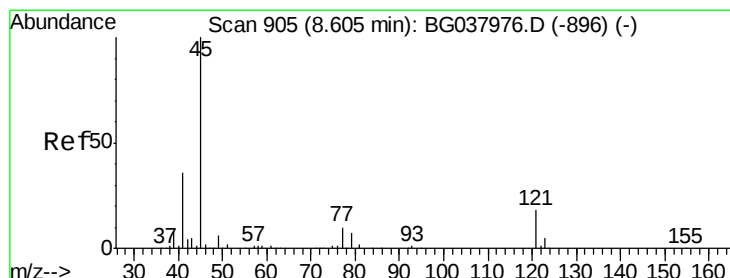
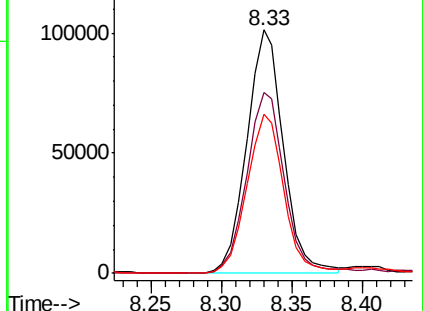
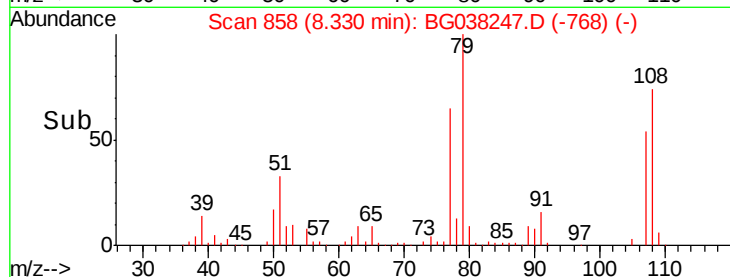
79 100

108 74.4 65.8 98.8

77 65.1 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.074 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

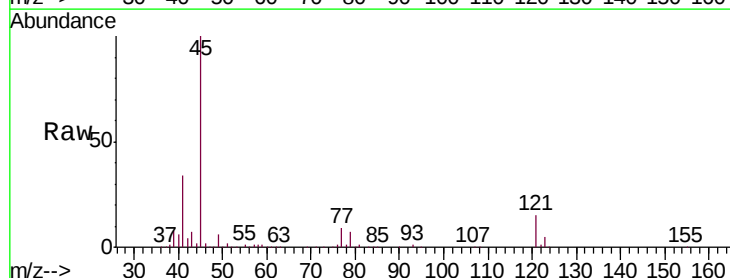
Tgt Ion: 45 Resp: 253757

Ion Ratio Lower Upper

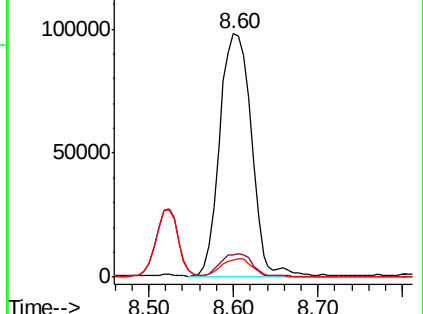
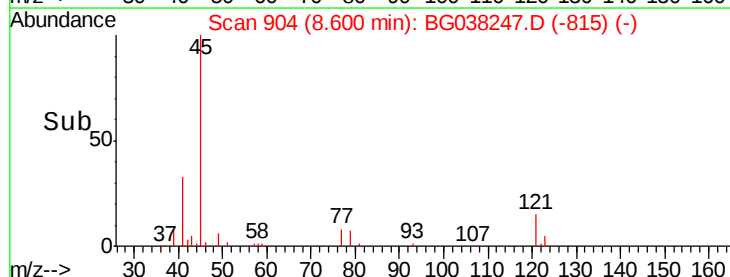
45 100

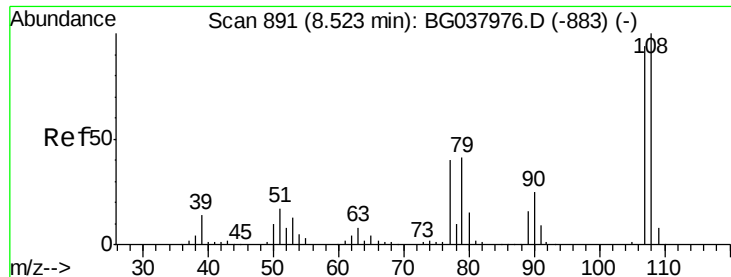
77 9.0 0.0 30.0

79 7.2 0.0 29.0



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

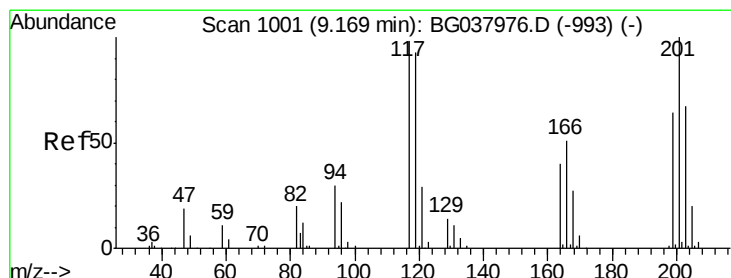
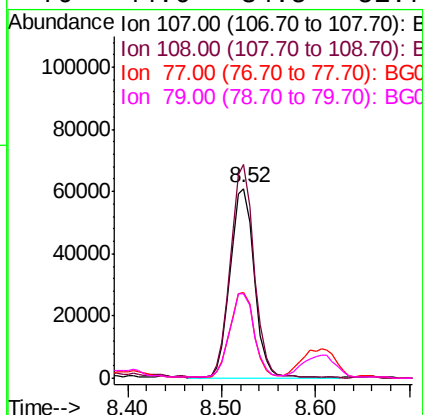
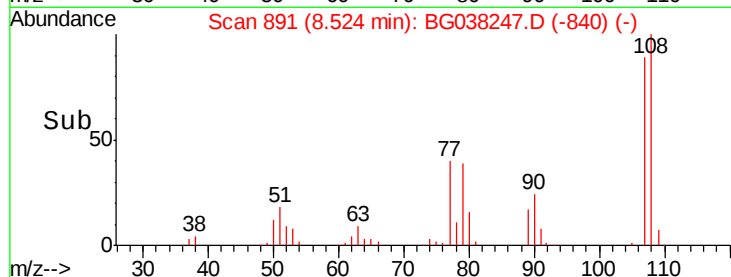
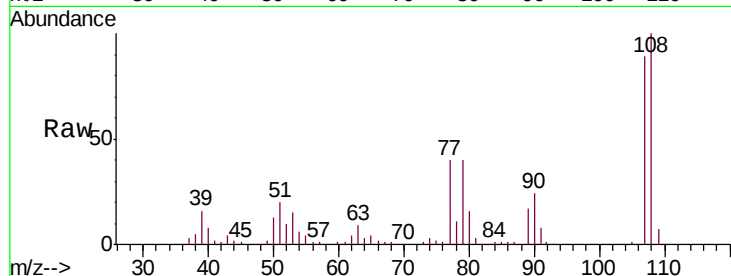




#17  
2-Methylphenol  
Concen: 50.640 ng  
RT: 8.52 min Scan# 891  
Delta R.T. 0.00 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

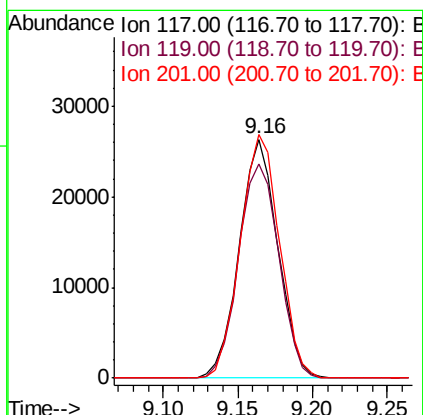
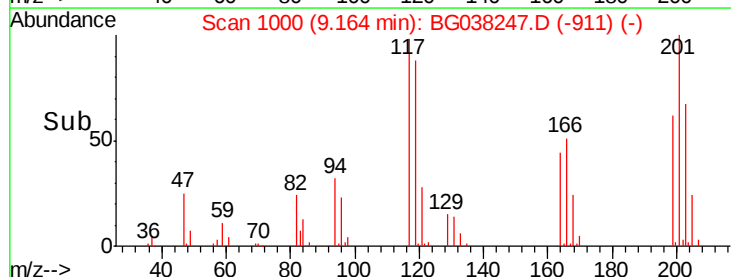
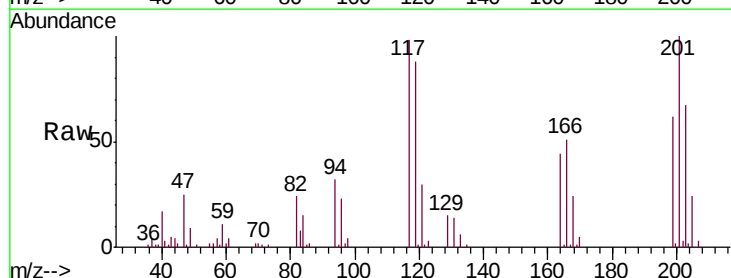
Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

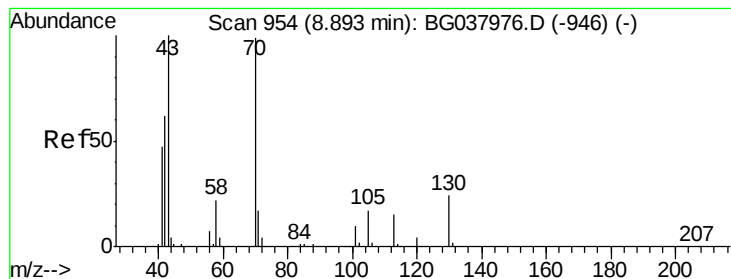
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 110054 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.6 | 87.9  | 131.9  |
| 77       | 45.3  | 35.1  | 52.7   |
| 79       | 44.6  | 34.5  | 51.7   |



#18  
Hexachloroethane  
Concen: 45.113 ng  
RT: 9.16 min Scan# 1000  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 47133 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 89.8  | 74.6  | 111.8 |
| 201      | 101.9 | 80.8  | 121.2 |





#19

n-Nitroso-di-n-propylamine

Concen: 45.317 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

Tgt Ion: 70 Resp: 99512

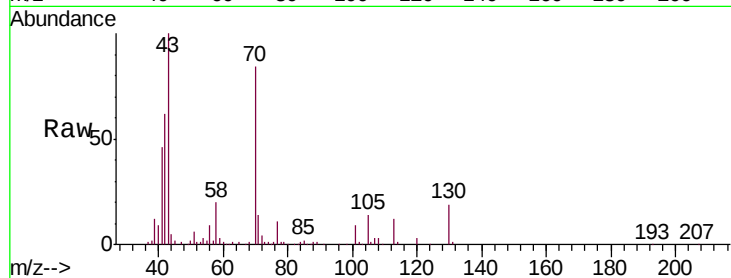
Ion Ratio Lower Upper

70 100

42 74.3 53.9 80.9

101 10.6 8.2 12.2

130 22.8 18.2 27.4

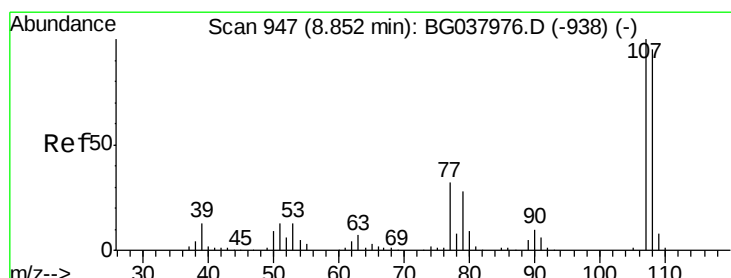
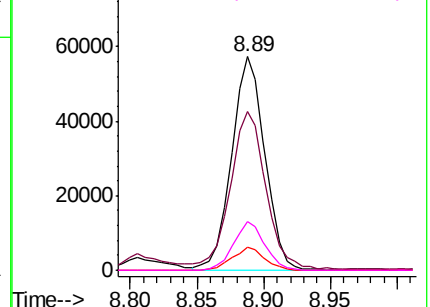
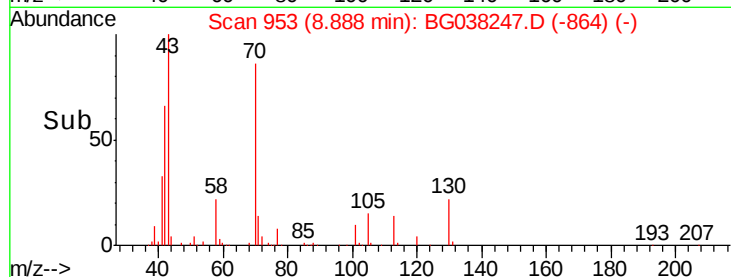


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 48.834 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Tgt Ion: 107 Resp: 150447

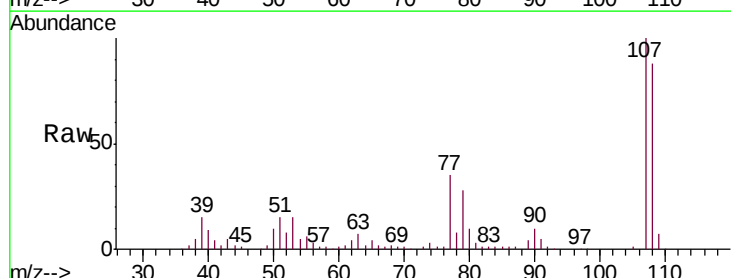
Ion Ratio Lower Upper

107 100

108 88.1 69.9 109.9

77 35.0 11.2 51.2

79 27.6 6.6 46.6

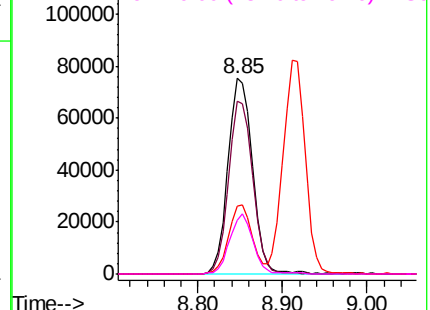
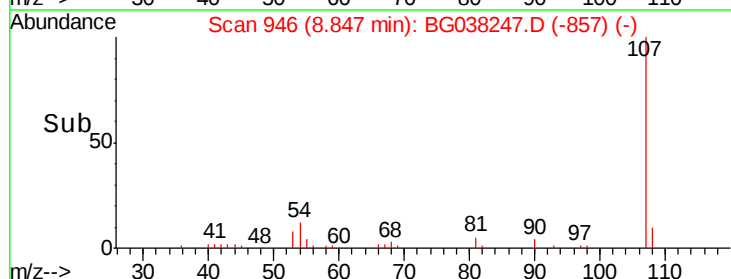


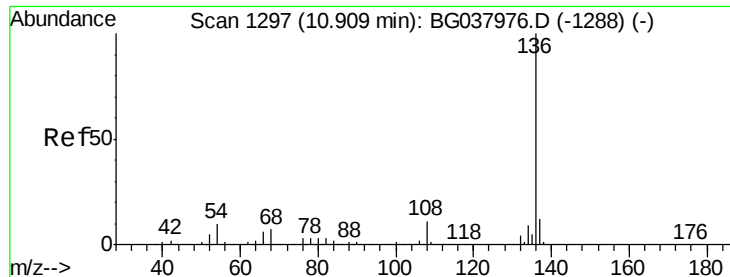
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

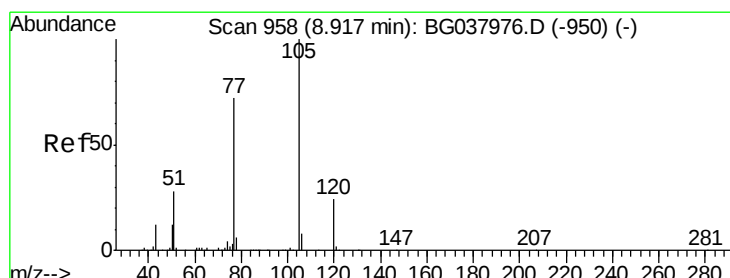
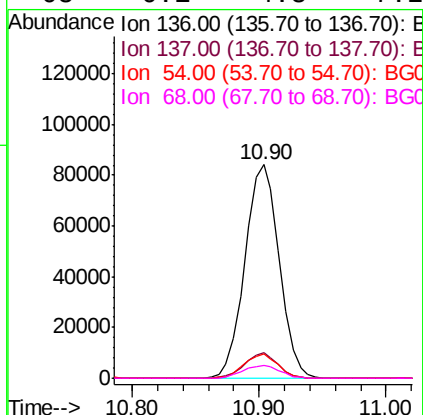
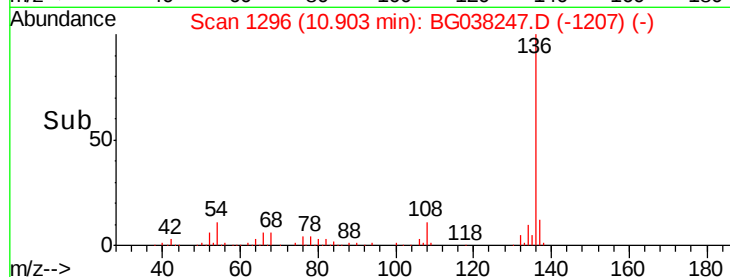
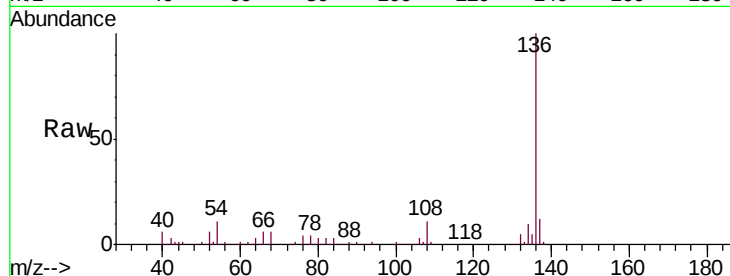




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.90 min Scan# 1296  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

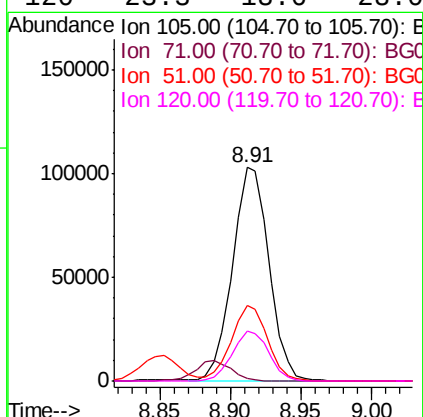
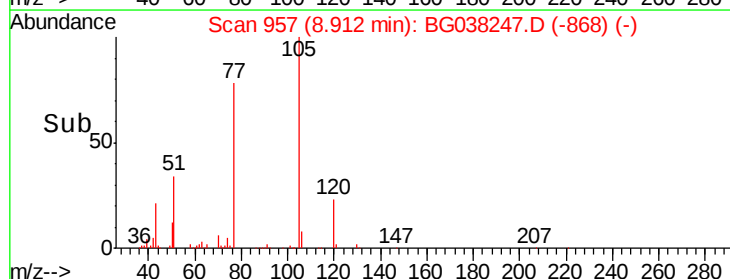
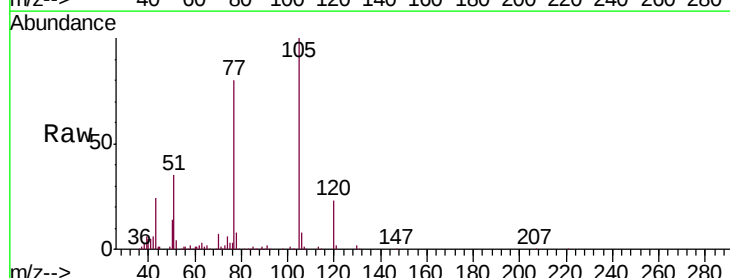
Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

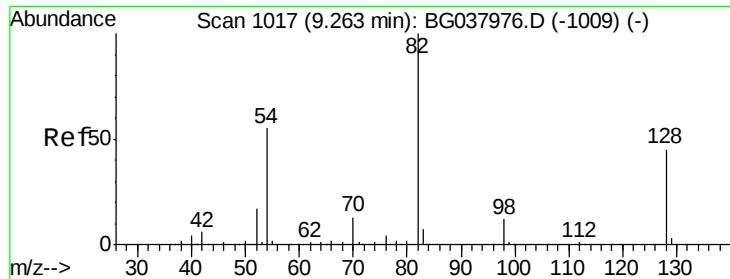
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 157811 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 12.1  | 9.6   | 14.4   |
| 54       | 11.3  | 7.9   | 11.9   |
| 68       | 6.1   | 4.8   | 7.2    |



#22  
Acetophenone  
Concen: 47.157 ng  
RT: 8.91 min Scan# 957  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 185159 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.3   | 1.2   | 1.8    |
| 51       | 35.1  | 25.0  | 37.6   |
| 120      | 23.3  | 18.6  | 28.0   |

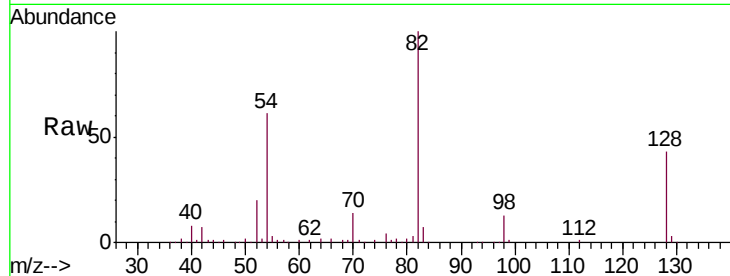




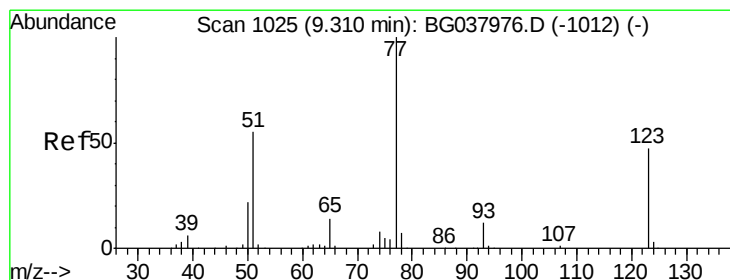
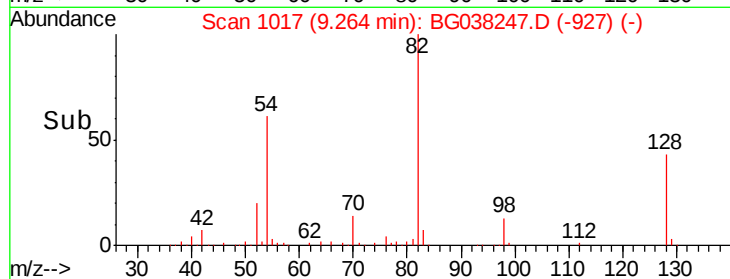
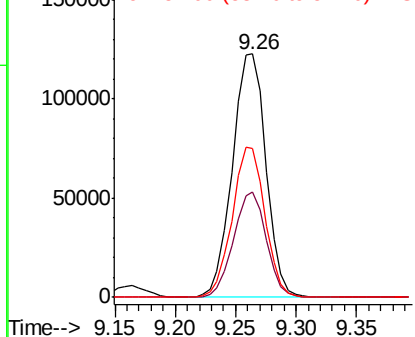
#23  
Nitrobenzene-d5  
Concen: 80.575 ng  
RT: 9.26 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

Tgt Ion: 82 Resp: 237539  
Ion Ratio Lower Upper  
82 100  
128 43.3 34.6 51.8  
54 60.9 45.3 67.9

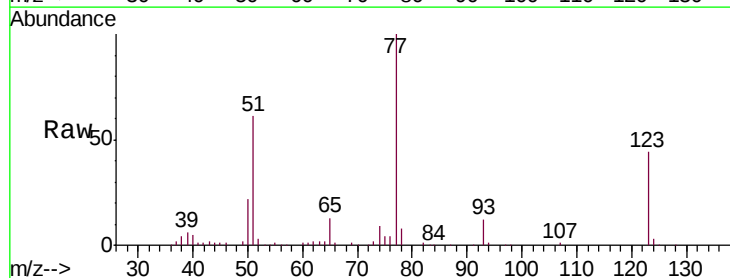


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

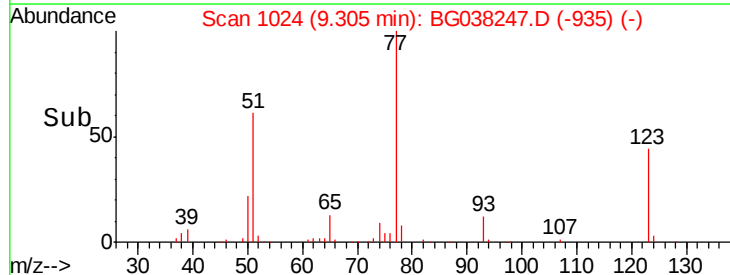
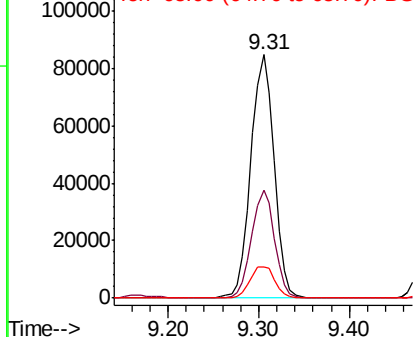


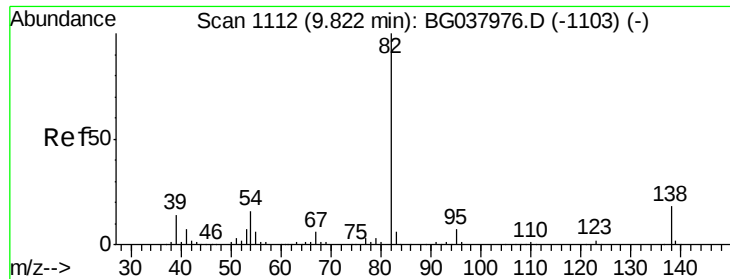
#24  
Nitrobenzene  
Concen: 49.947 ng  
RT: 9.31 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Tgt Ion: 77 Resp: 150627  
Ion Ratio Lower Upper  
77 100  
123 44.4 33.6 50.4  
65 12.9 11.3 16.9



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: 52.993 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

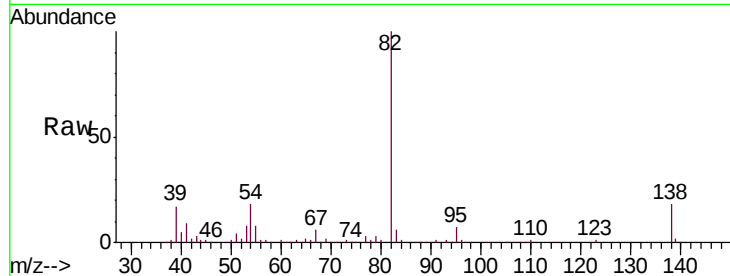
Tgt Ion: 82 Resp: 281195

Ion Ratio Lower Upper

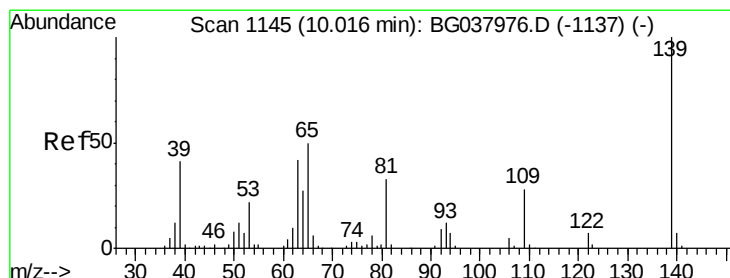
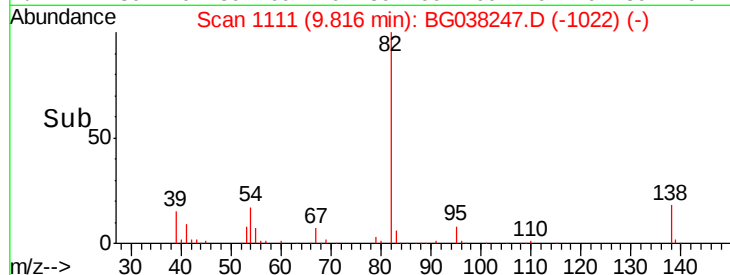
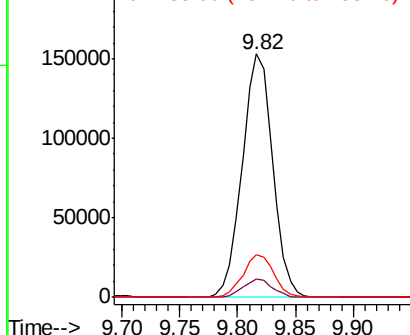
82 100

95 7.5 5.3 7.9

138 17.6 13.3 19.9



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: 47.417 ng

RT: 10.02 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

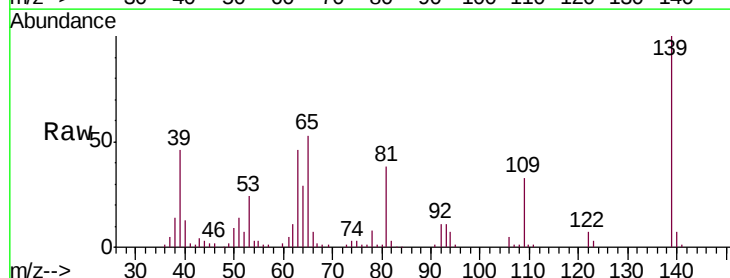
Tgt Ion: 139 Resp: 71388

Ion Ratio Lower Upper

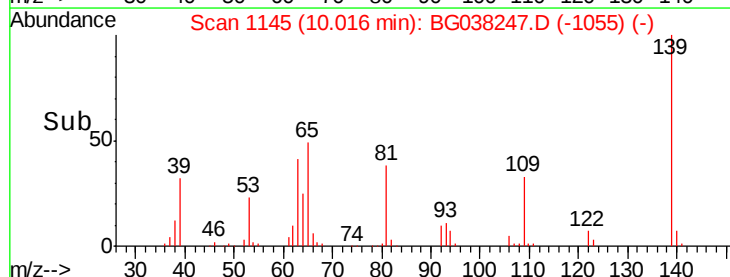
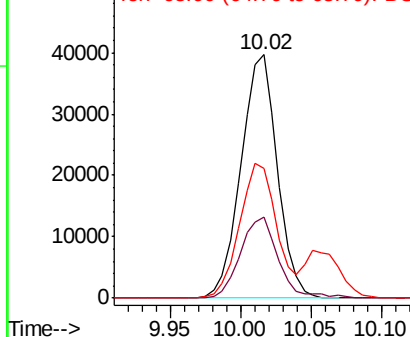
139 100

109 33.2 23.3 34.9

65 53.1 39.8 59.8



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

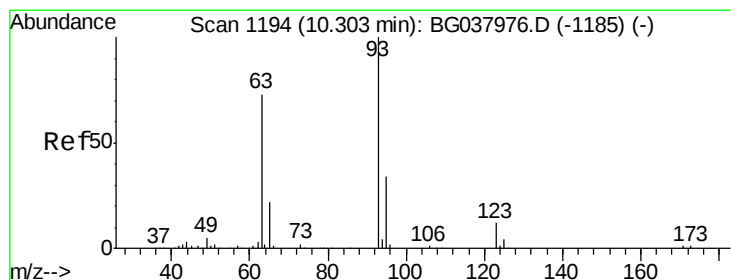
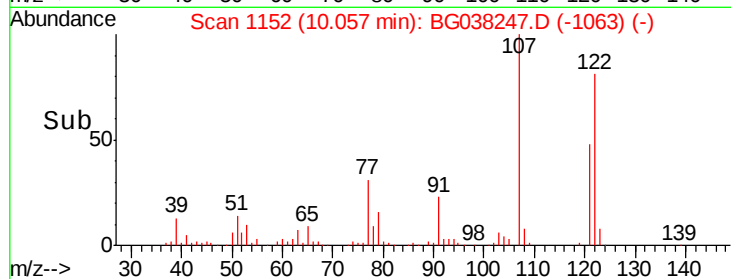
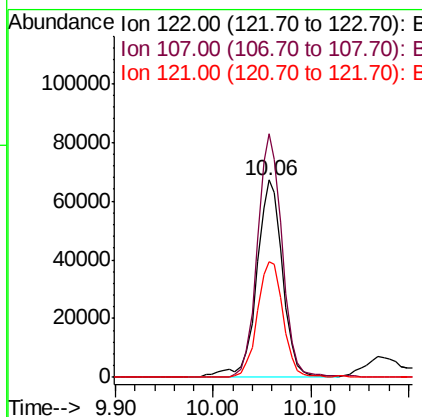
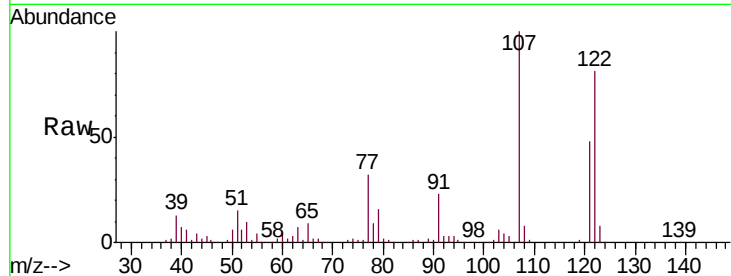




#27  
 2,4-Dimethylphenol  
 Concen: 55.533 ng  
 RT: 10.06 min Scan# 1152  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

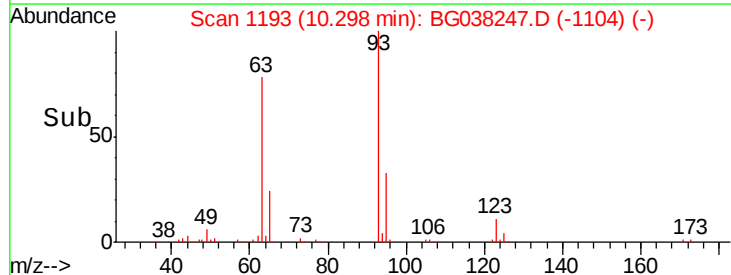
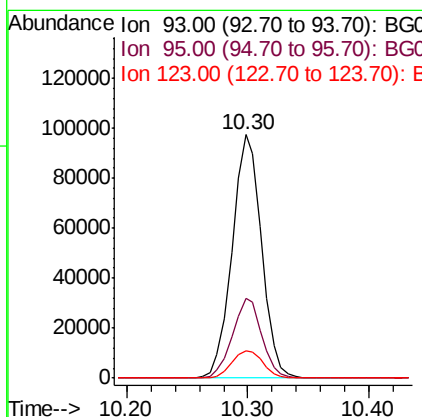
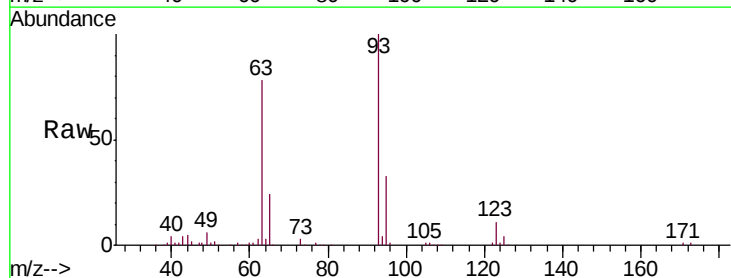
Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHASIS-WASHMSD

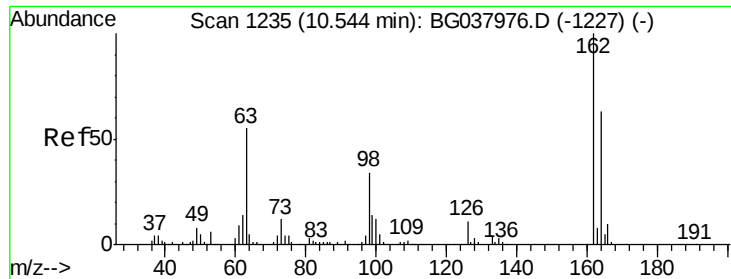
Tgt Ion:122 Resp: 125970  
 Ion Ratio Lower Upper  
 122 100  
 107 123.4 94.2 141.2  
 121 58.7 47.3 70.9



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 48.521 ng  
 RT: 10.30 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Tgt Ion: 93 Resp: 164634  
 Ion Ratio Lower Upper  
 93 100  
 95 32.7 24.6 37.0  
 123 11.3 9.1 13.7

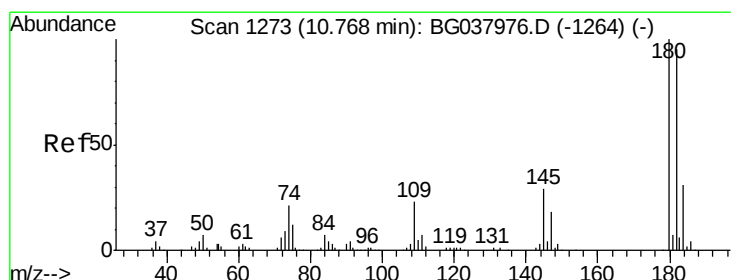
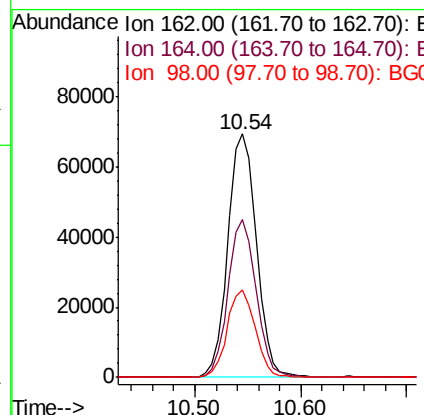
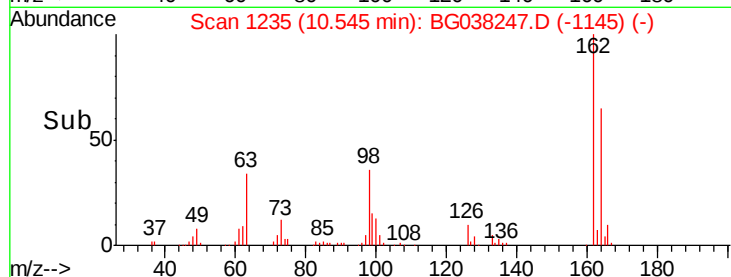
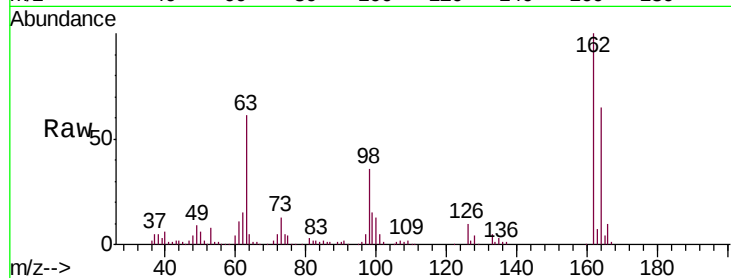




#29  
2,4-Dichlorophenol  
Concen: 50.889 ng  
RT: 10.54 min Scan# 1235  
Delta R.T. 0.00 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

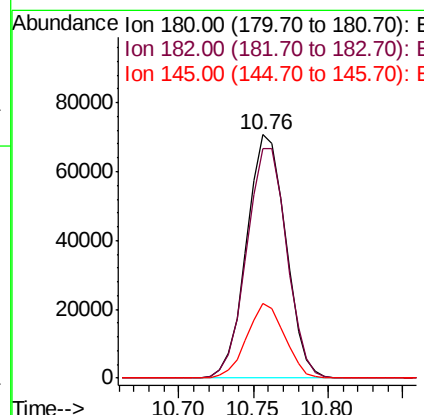
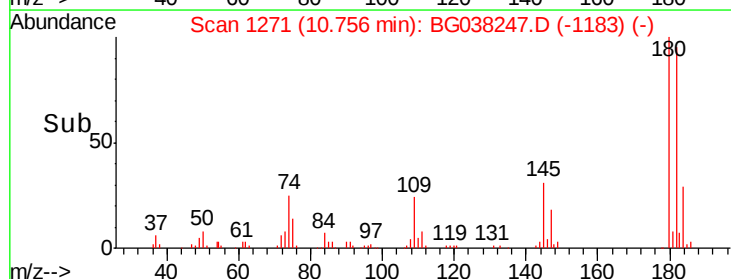
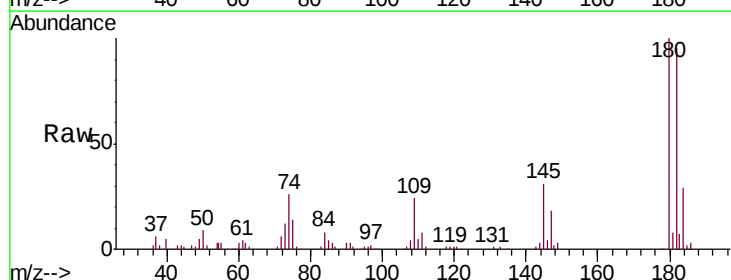
Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

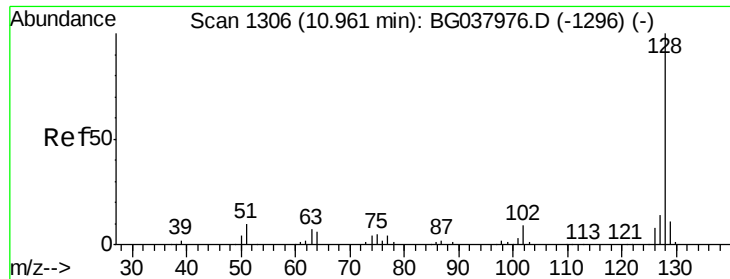
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.1  | 43.2  | 83.2  |
| 98      | 36.1  | 16.0  | 56.0  |



#30  
1,2,4-Trichlorobenzene  
Concen: 44.977 ng  
RT: 10.76 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 77.7  | 116.5 |
| 145     | 30.6  | 23.3  | 34.9  |

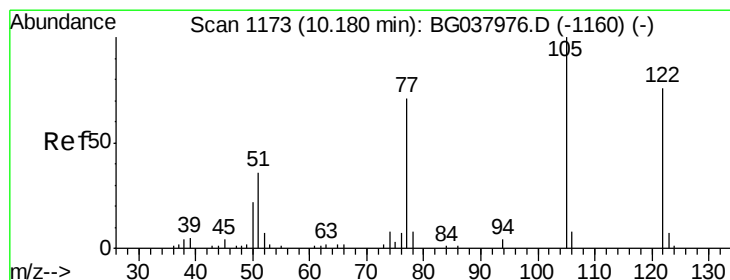
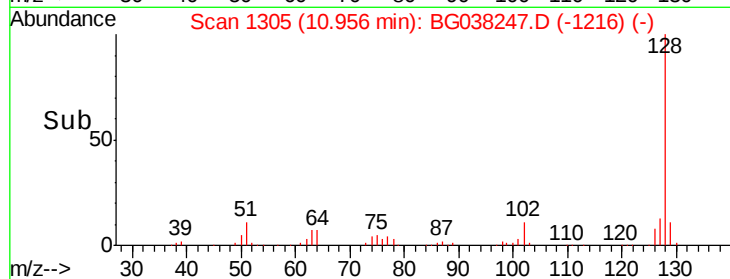
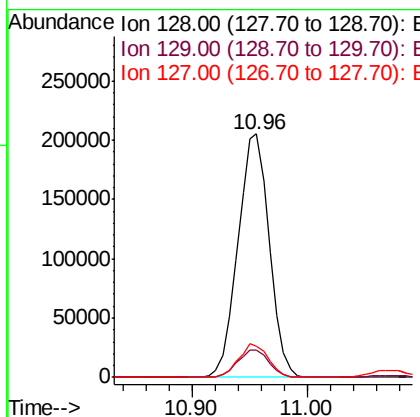
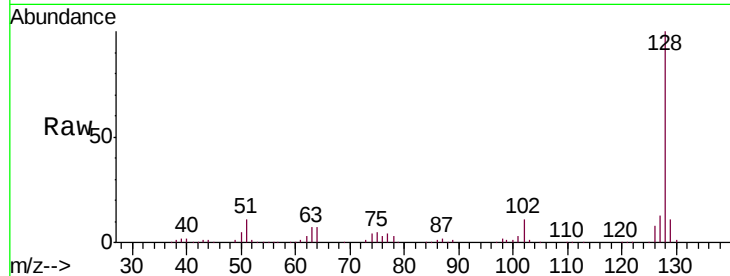




#31  
Naphthalene  
Concen: 49.598 ng  
RT: 10.96 min Scan# 1305  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

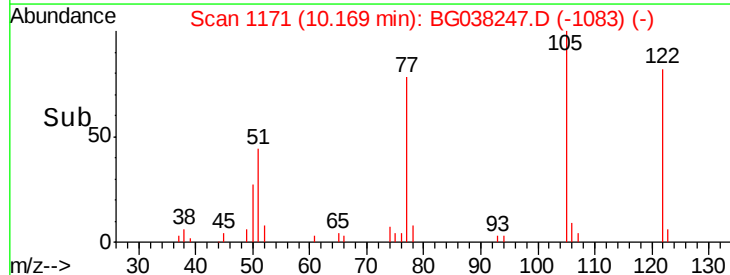
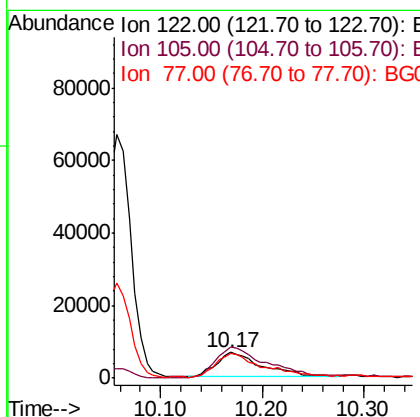
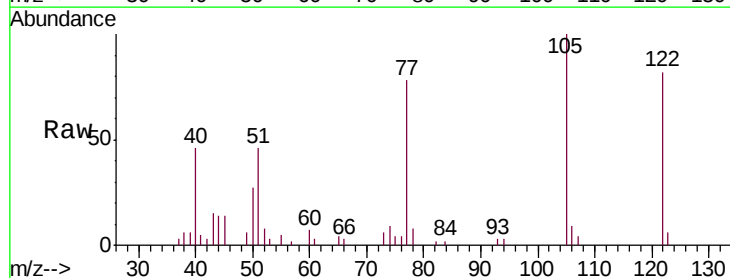
Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

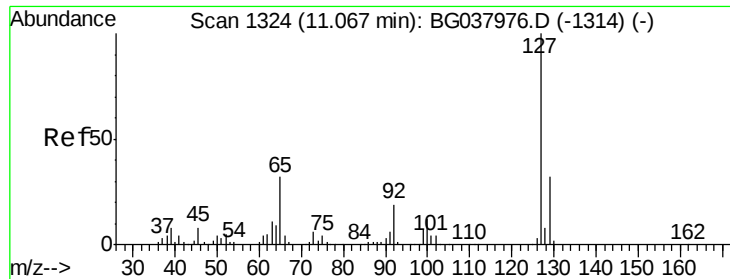
Tgt Ion:128 Resp: 384978  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.0 11.1 16.7



#32  
Benzoic acid  
Concen: 23.341 ng  
RT: 10.17 min Scan# 1171  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Tgt Ion:122 Resp: 21638  
Ion Ratio Lower Upper  
122 100  
105 122.4 106.7 146.7  
77 95.0 72.2 112.2

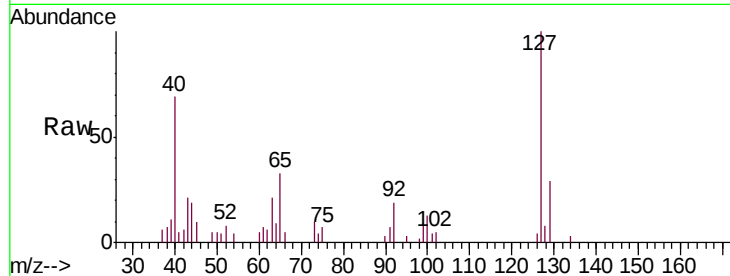




#33  
4-Chloroaniline  
Concen: 4.244 ng  
RT: 11.07 min Scan# 1325  
Delta R.T. 0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 15323 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 29.3  | 27.1  | 40.7  |
| 65       | 32.9  | 26.6  | 39.8  |
| 92       | 18.5  | 16.4  | 24.6  |



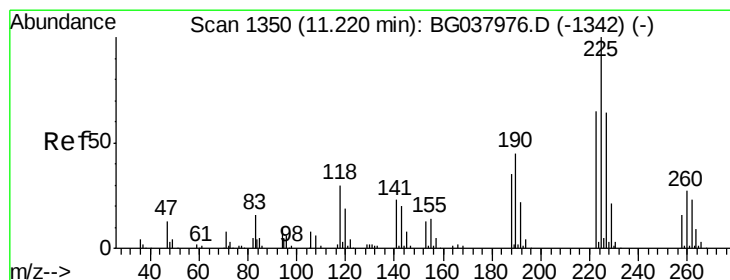
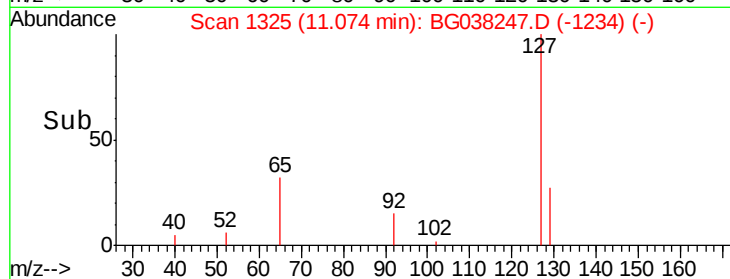
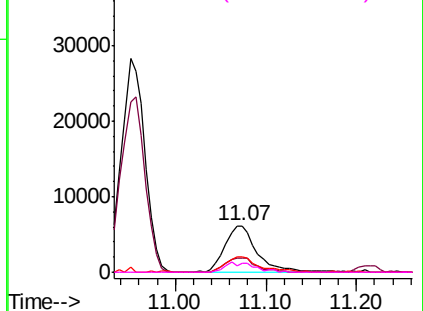
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

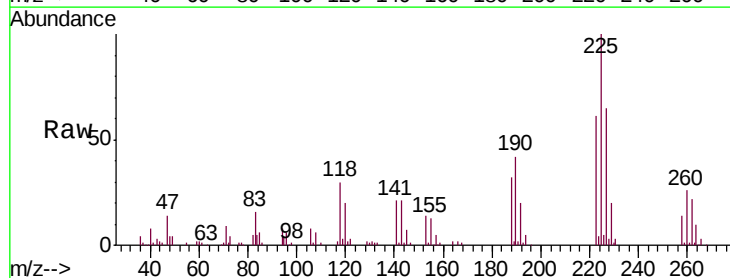
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 45.483 ng  
RT: 11.21 min Scan# 1349  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 80035 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 60.9  | 48.2  | 72.4  |
| 227      | 67.7  | 51.6  | 77.4  |

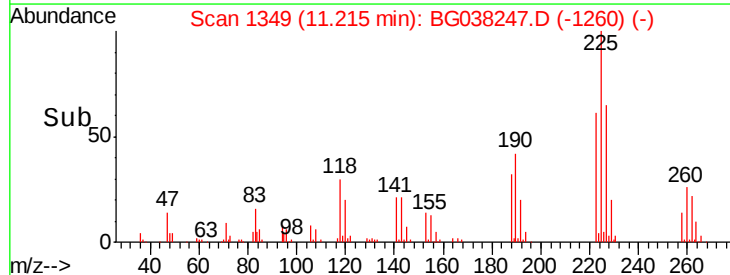
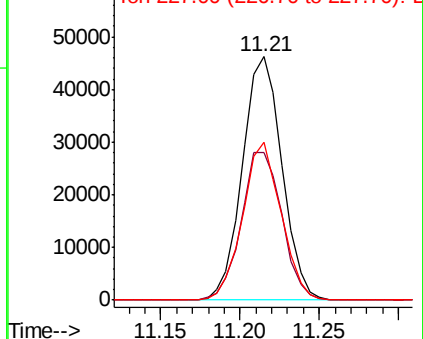


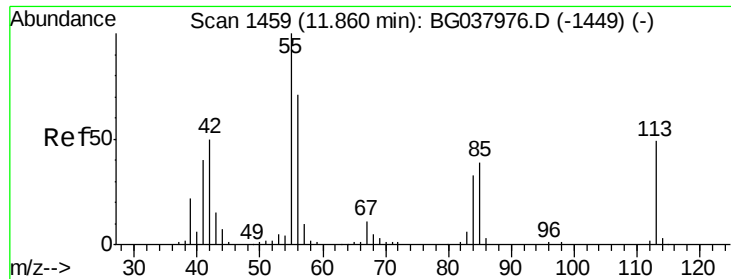
Abundance

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: 34.259 ng

RT: 11.86 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

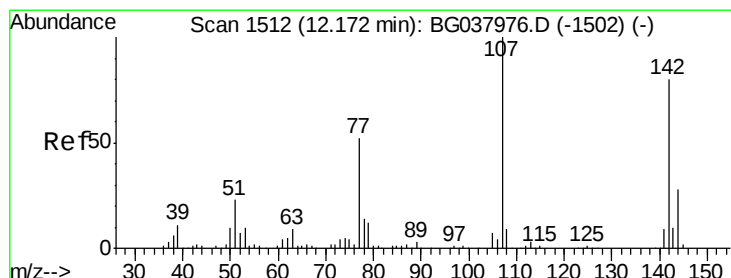
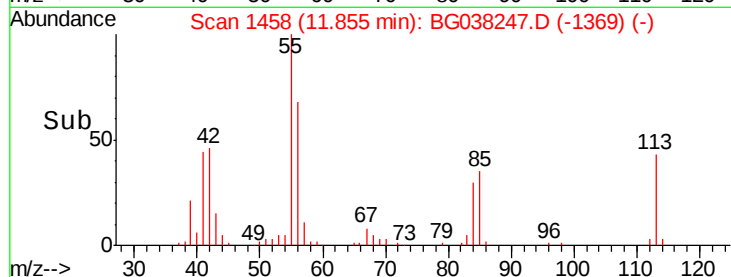
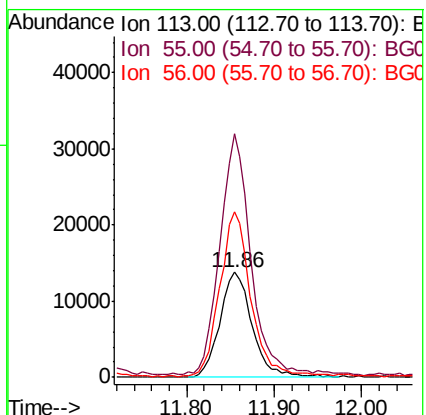
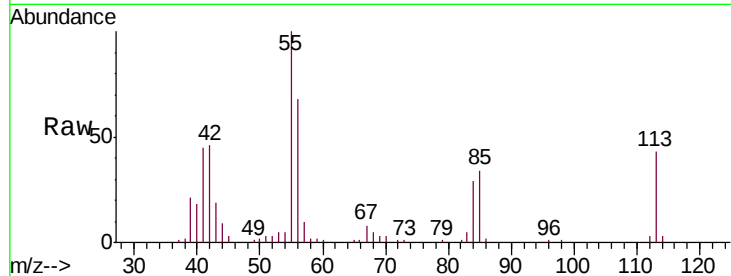
Tgt Ion:113 Resp: 34988

Ion Ratio Lower Upper

113 100

55 232.4 176.6 216.6#

56 158.2 128.3 168.3



#36

4-Chloro-3-methylphenol

Concen: 50.358 ng

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

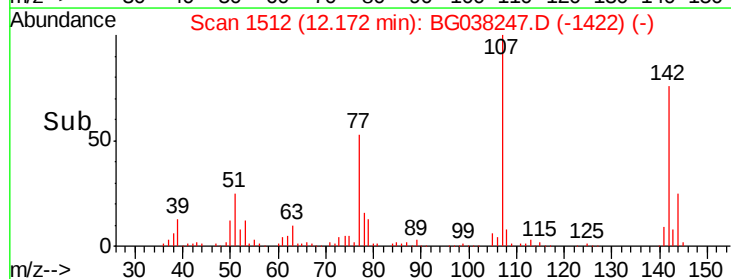
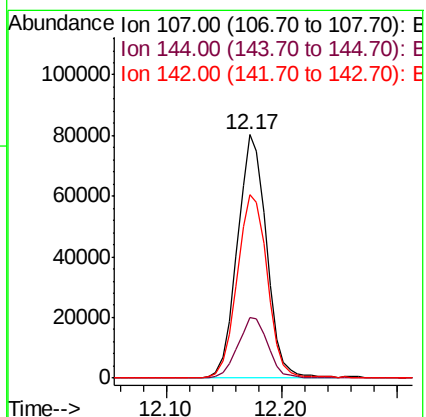
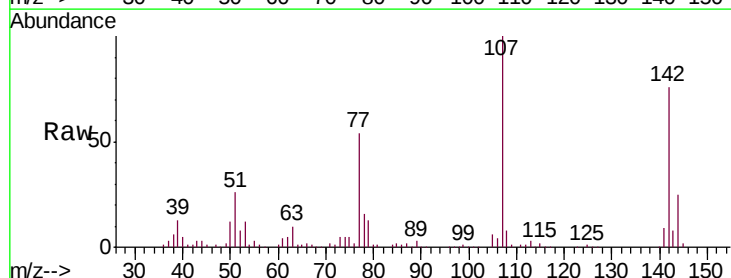
Tgt Ion:107 Resp: 140374

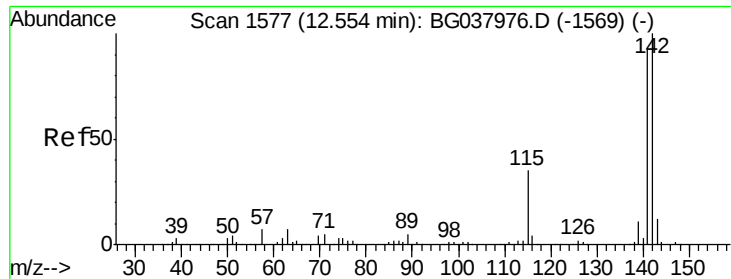
Ion Ratio Lower Upper

107 100

144 24.8 20.7 31.1

142 75.5 64.4 96.6

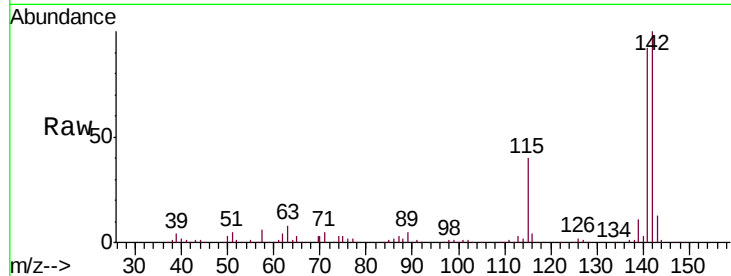




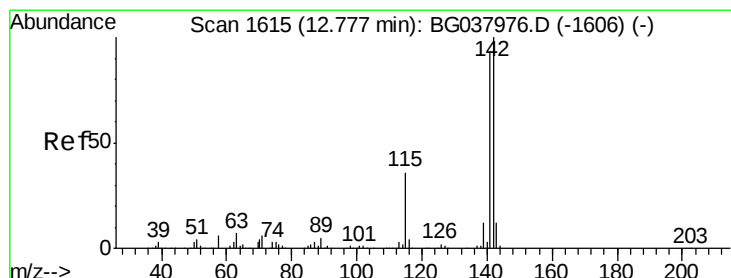
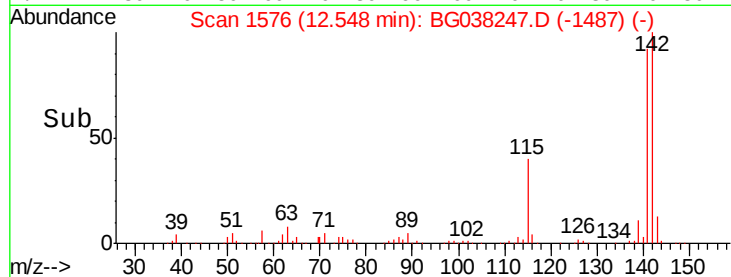
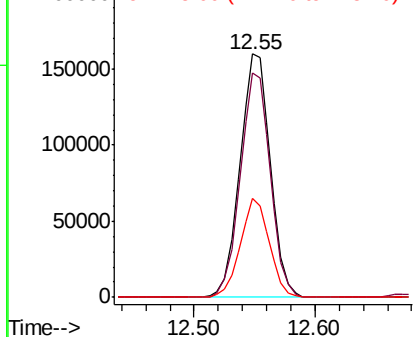
#37  
 2-Methylnaphthalene  
 Concen: 49.997 ng  
 RT: 12.55 min Scan# 1576  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHASIS-WASHMSD

Tgt Ion:142 Resp: 278753  
 Ion Ratio Lower Upper  
 142 100  
 141 92.1 71.9 107.9  
 115 40.4 27.8 41.8

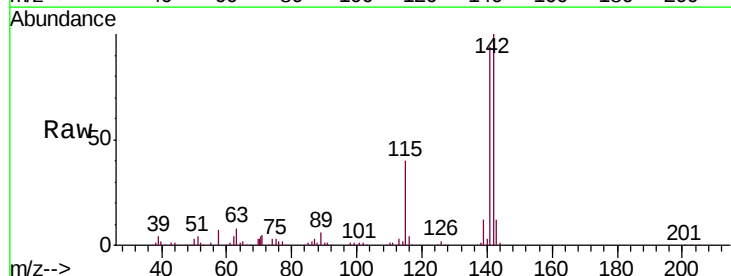


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

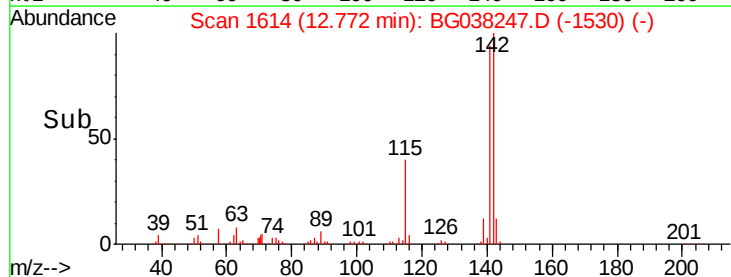
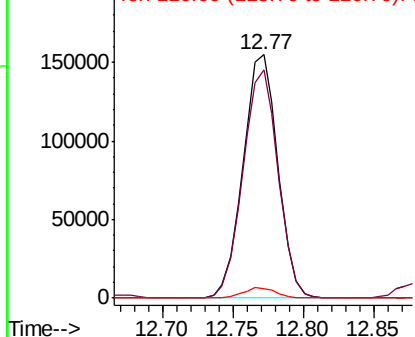


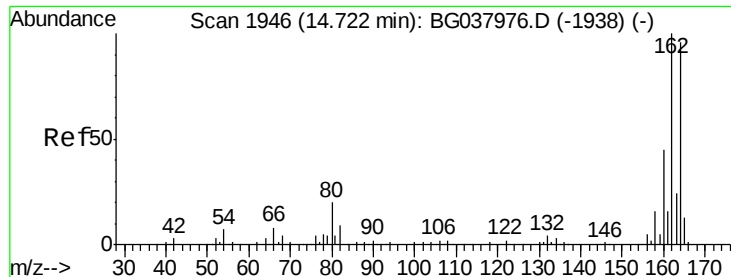
#38  
 1-Methylnaphthalene  
 Concen: 49.878 ng  
 RT: 12.77 min Scan# 1614  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Tgt Ion:142 Resp: 267681  
 Ion Ratio Lower Upper  
 142 100  
 141 93.6 75.2 112.8  
 116 3.8 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

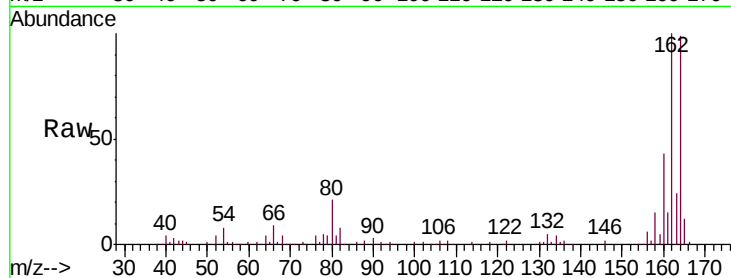
Tgt Ion:164 Resp: 95819

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

160 43.0 36.3 54.5

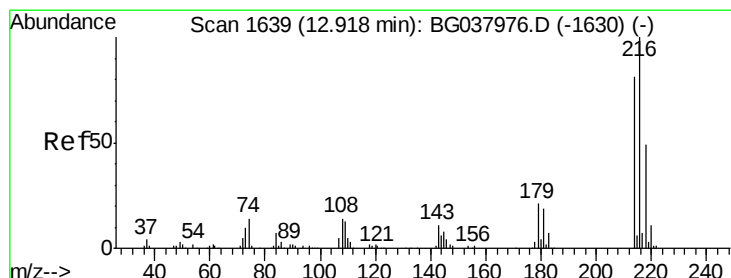
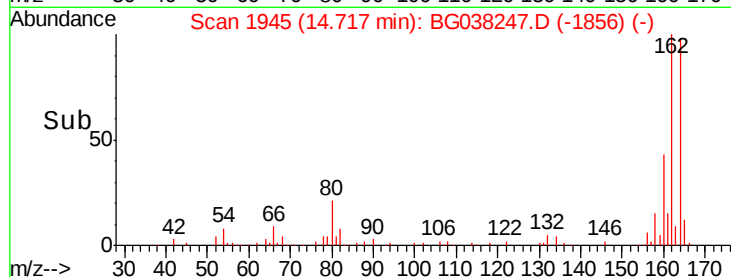
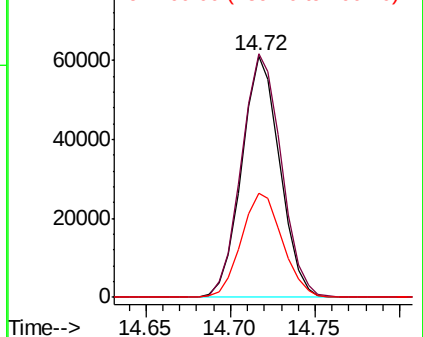


Abundance

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: 46.726 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Tgt Ion:216 Resp: 149610

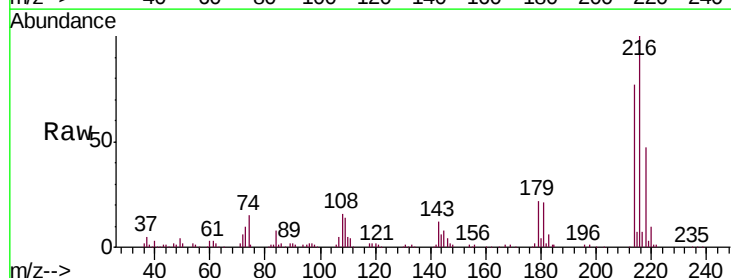
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 21.0 17.4 26.0

108 18.8 13.9 20.9



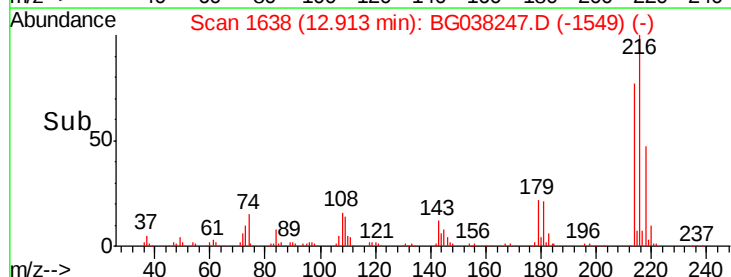
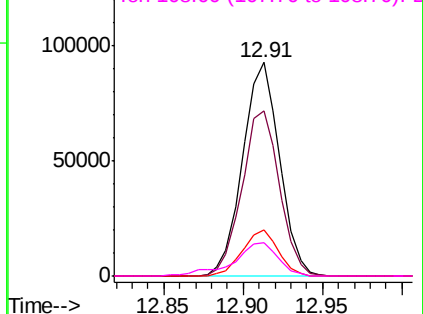
Abundance

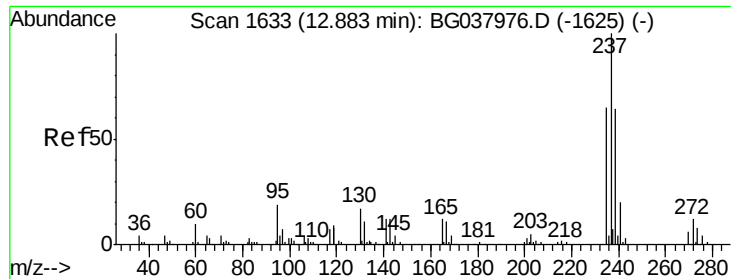
Ion 216.00 (215.70 to 216.70): E

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: 75.719 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

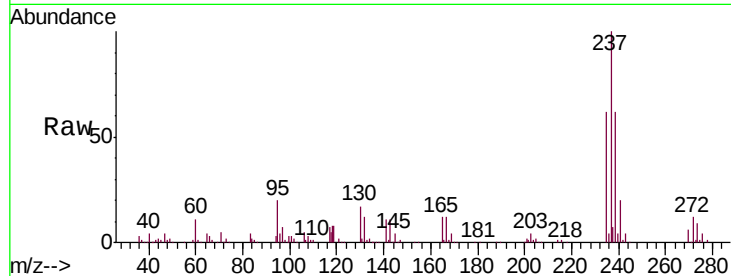
Tgt Ion: 237 Resp: 129821

Ion Ratio Lower Upper

237 100

235 61.6 42.5 82.5

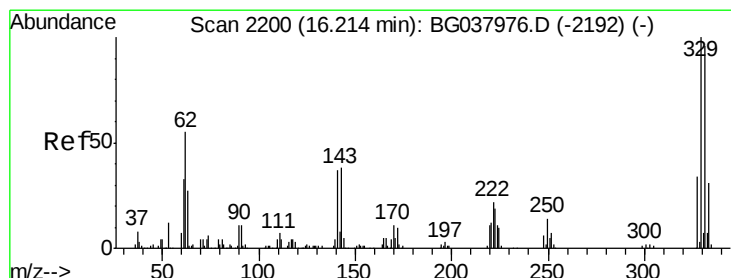
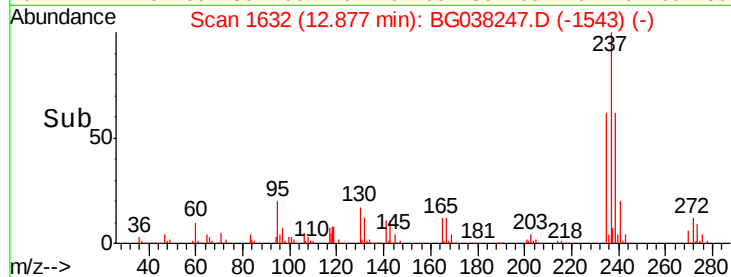
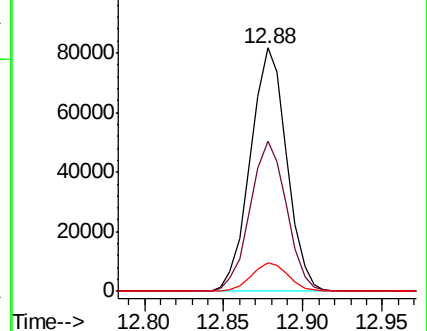
272 11.8 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 108.439 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

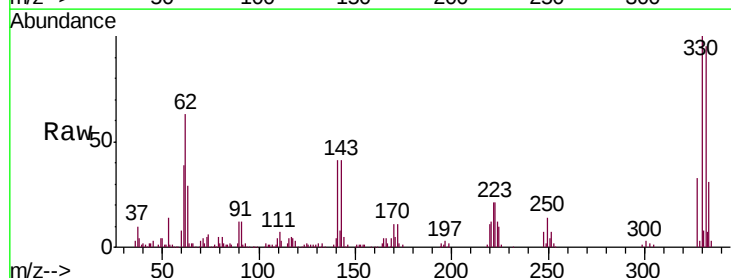
Tgt Ion: 330 Resp: 118501

Ion Ratio Lower Upper

330 100

332 93.6 78.4 117.6

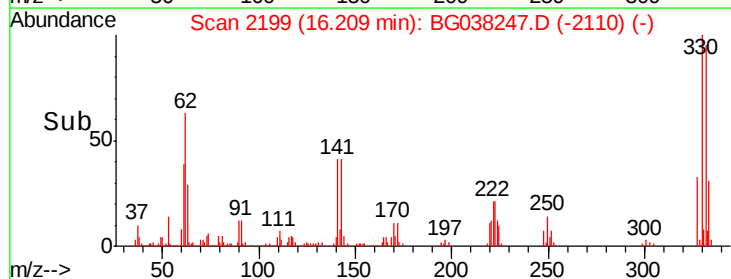
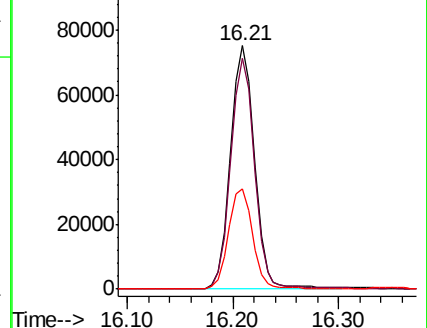
141 41.9 32.2 48.2

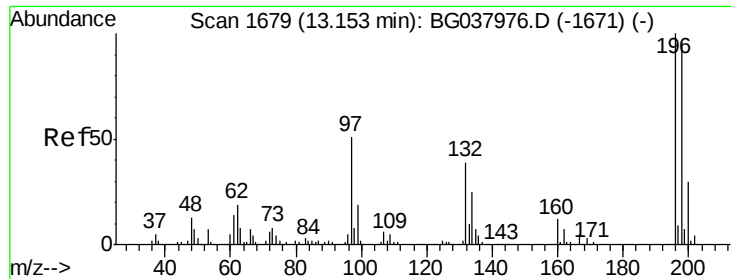


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

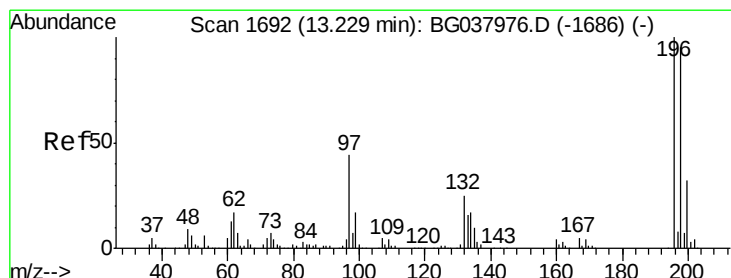
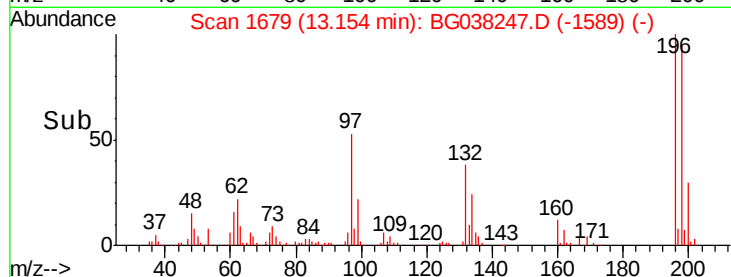
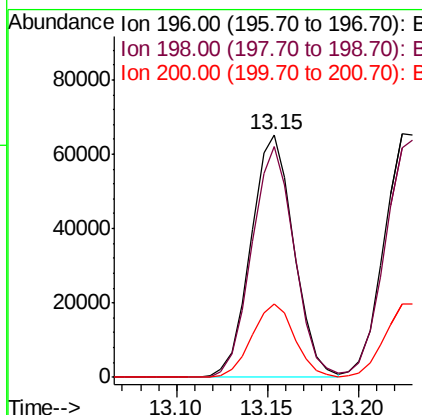
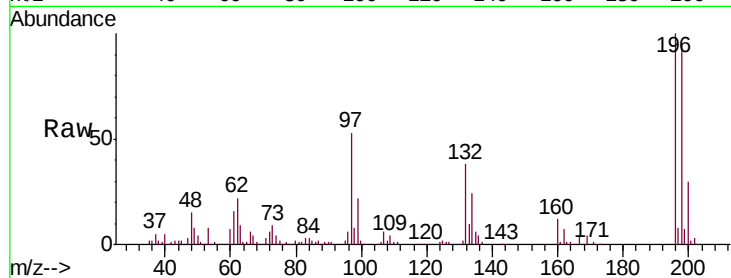




#43  
 2,4,6-Trichlorophenol  
 Concen: 48.984 ng  
 RT: 13.15 min Scan# 1679  
 Delta R.T. 0.00 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

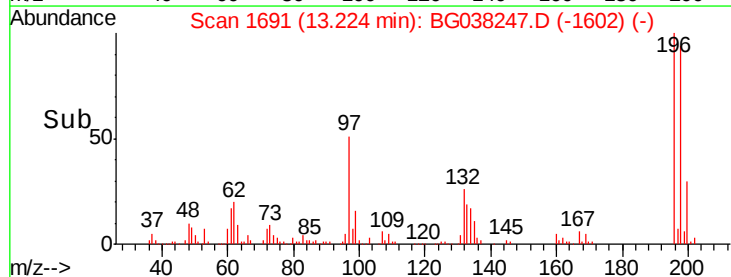
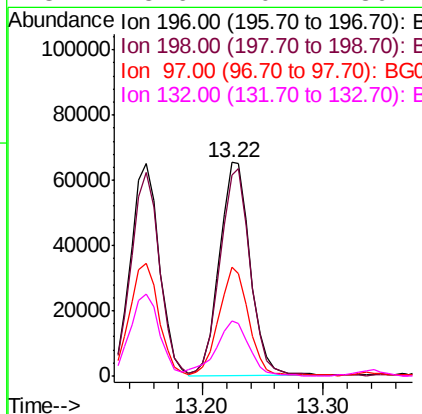
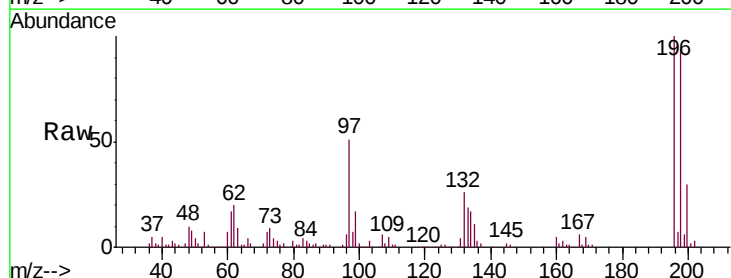
Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHASIS-WASHMSD

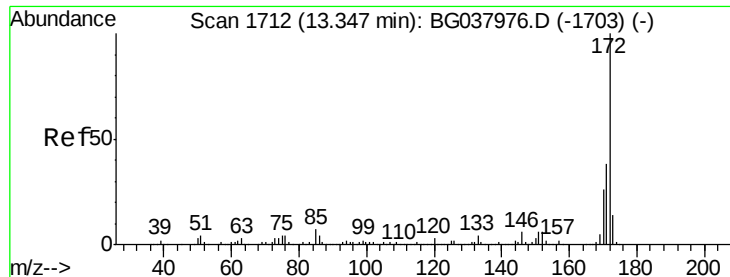
Tgt Ion:196 Resp: 106875  
 Ion Ratio Lower Upper  
 196 100  
 198 95.4 76.4 114.6  
 200 30.2 24.9 37.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 49.934 ng  
 RT: 13.22 min Scan# 1691  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Tgt Ion:196 Resp: 114633  
 Ion Ratio Lower Upper  
 196 100  
 198 94.1 74.2 111.2  
 97 50.9 34.1 51.1  
 132 25.6 20.2 30.4

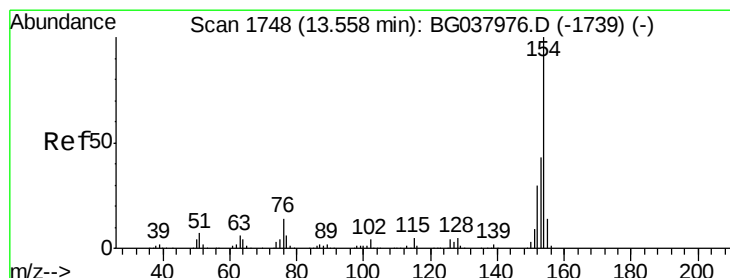
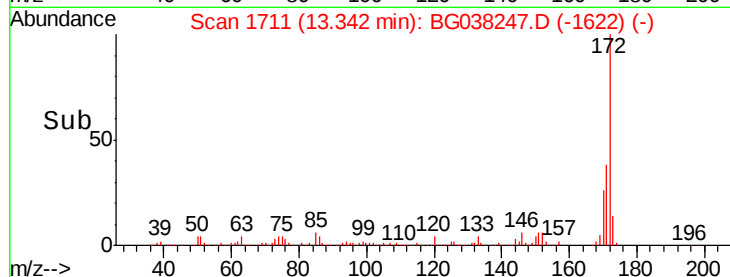
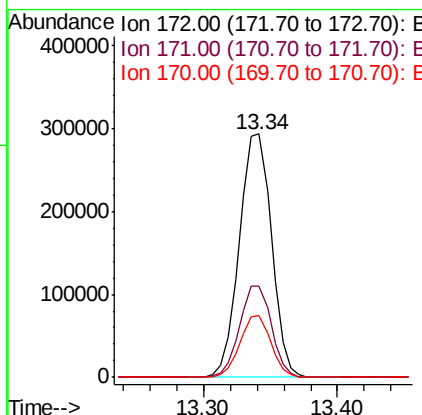
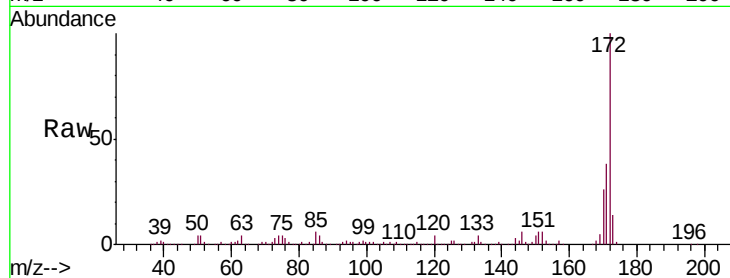




#45  
 2-Fluorobiphenyl  
 Concen: 74.314 ng  
 RT: 13.34 min Scan# 1711  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

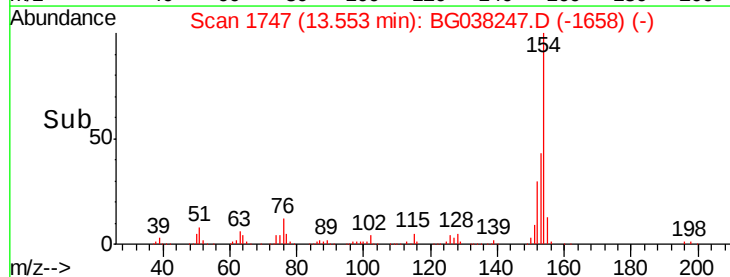
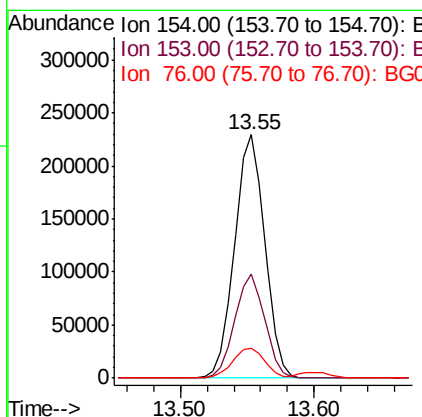
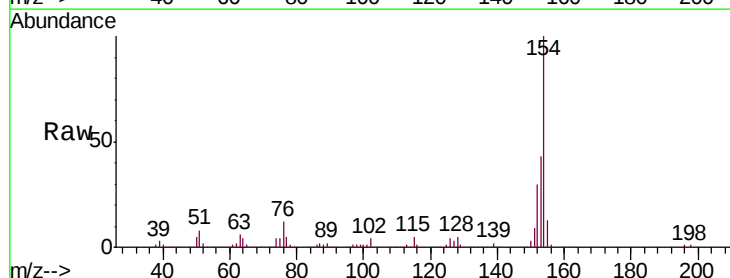
Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHASIS-WASHMSD

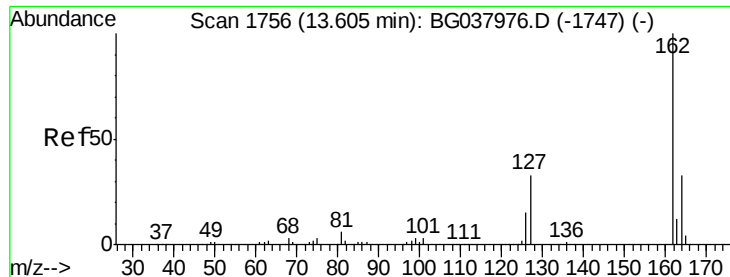
Tgt Ion:172 Resp: 488770  
 Ion Ratio Lower Upper  
 172 100  
 171 37.7 31.0 46.4  
 170 25.7 20.2 30.2



#46  
 1,1'-Biphenyl  
 Concen: 44.622 ng  
 RT: 13.55 min Scan# 1747  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Tgt Ion:154 Resp: 359199  
 Ion Ratio Lower Upper  
 154 100  
 153 42.9 22.1 62.1  
 76 12.2 0.0 33.2

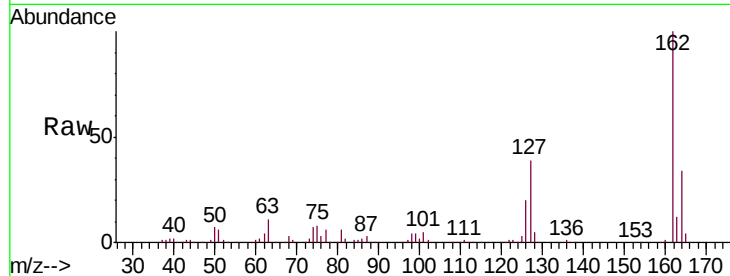




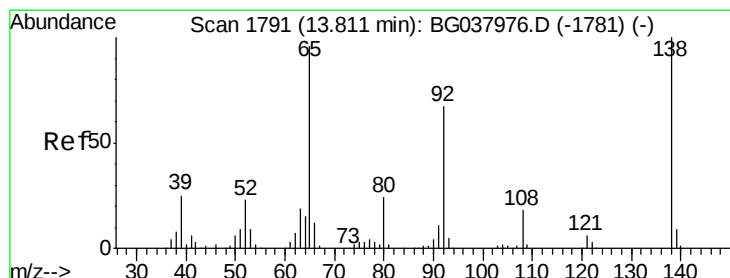
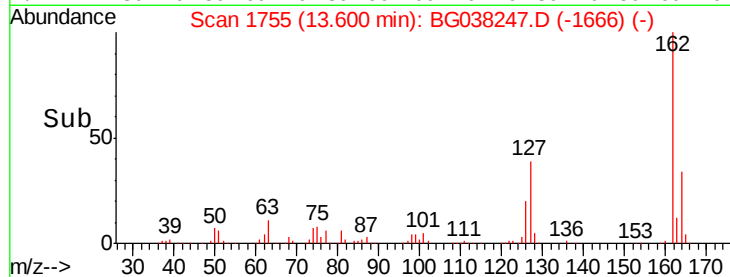
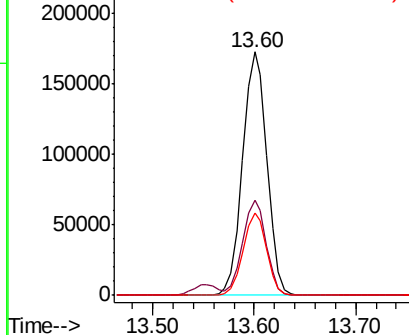
#47  
 2-Chloronaphthalene  
 Concen: 46.424 ng  
 RT: 13.60 min Scan# 1755  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHASIS-WASHMSD

Tgt Ion: 162 Resp: 285169  
 Ion Ratio Lower Upper  
 162 100  
 127 39.1 30.5 45.7  
 164 33.9 26.4 39.6

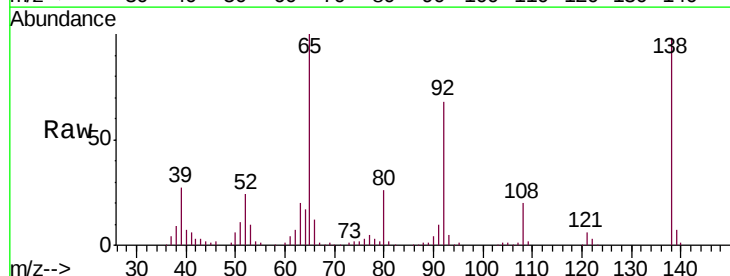


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

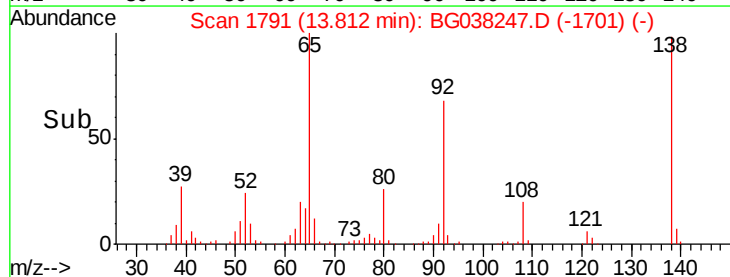
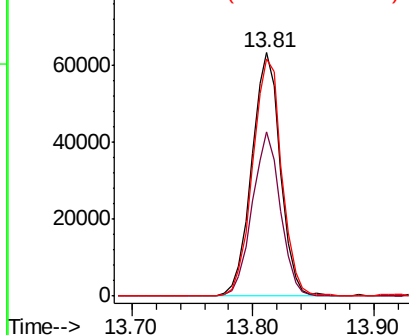


#48  
 2-Nitroaniline  
 Concen: 53.984 ng  
 RT: 13.81 min Scan# 1791  
 Delta R.T. 0.00 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Tgt Ion: 65 Resp: 104367  
 Ion Ratio Lower Upper  
 65 100  
 92 67.7 53.2 79.8  
 138 97.6 79.3 118.9



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: 50.548 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

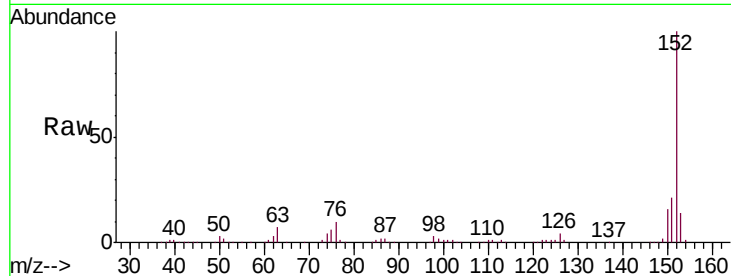
Tgt Ion:152 Resp: 466930

Ion Ratio Lower Upper

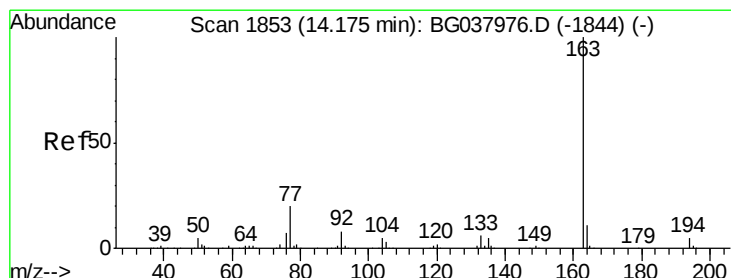
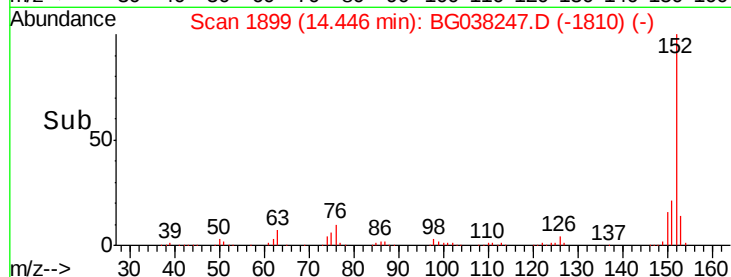
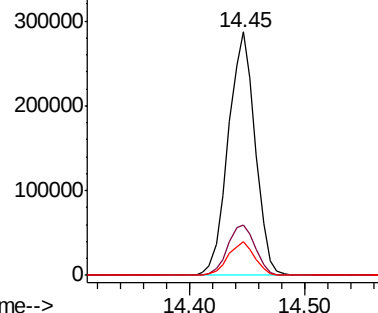
152 100

151 20.7 17.1 25.7

153 13.8 11.1 16.7



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: 51.331 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

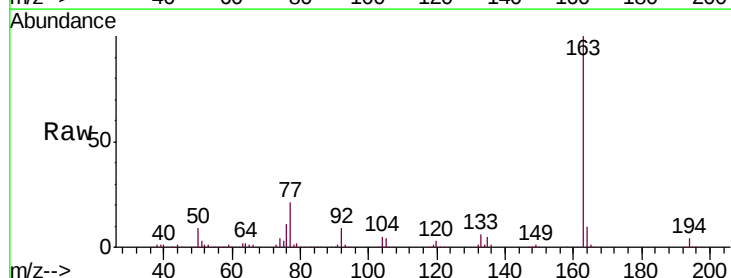
Tgt Ion:163 Resp: 389925

Ion Ratio Lower Upper

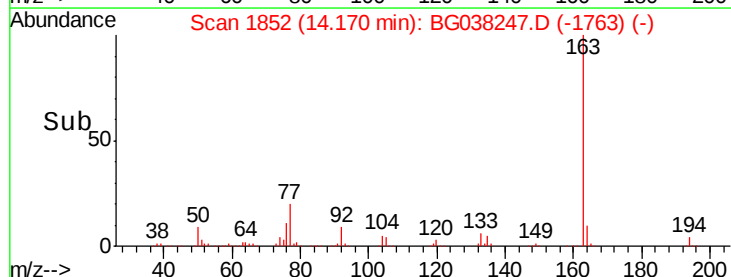
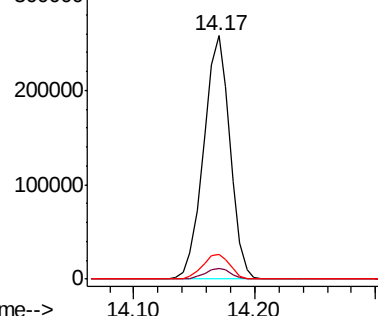
163 100

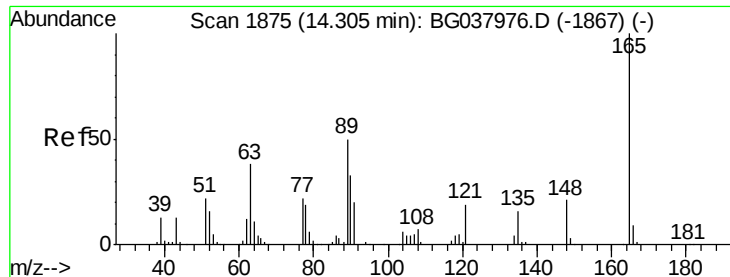
194 4.4 3.5 5.3

164 10.3 8.5 12.7



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

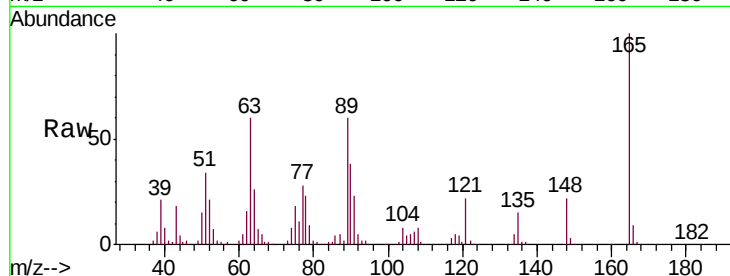




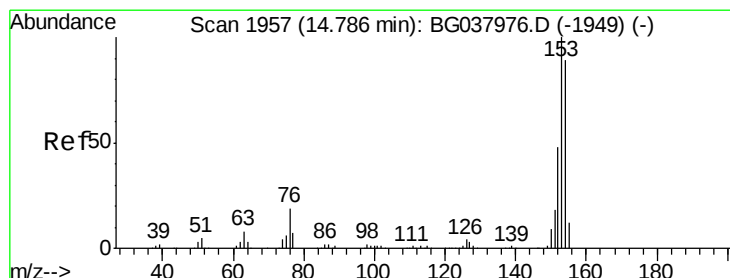
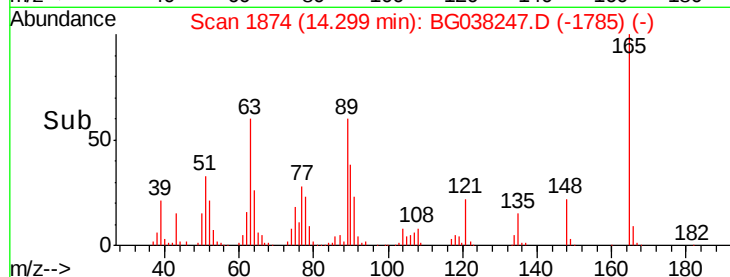
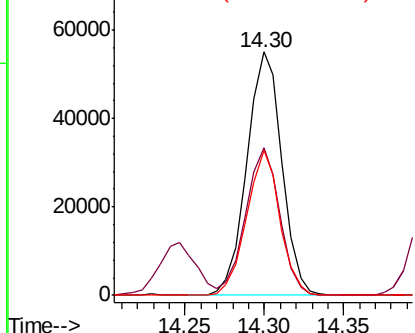
#51  
2,6-Dinitrotoluene  
Concen: 49.029 ng  
RT: 14.30 min Scan# 1874  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

Tgt Ion:165 Resp: 84293  
Ion Ratio Lower Upper  
165 100  
63 60.4 43.4 65.2  
89 59.5 45.8 68.6

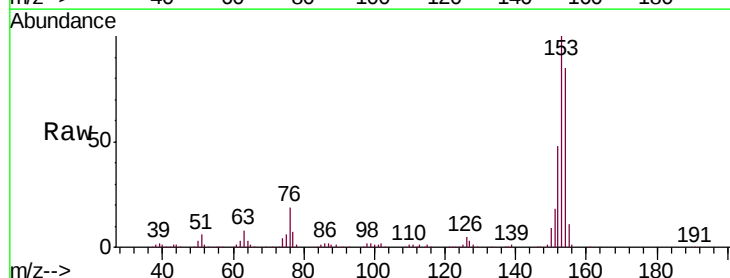


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGO  
Ion 89.00 (88.70 to 89.70): BGO

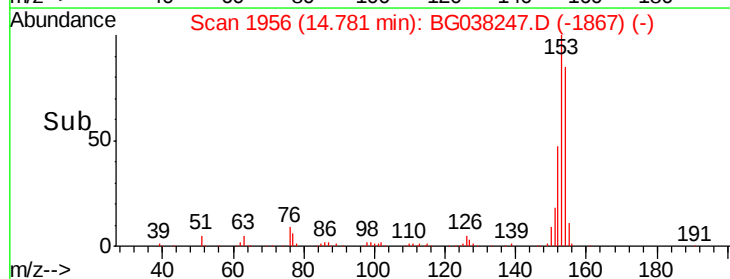
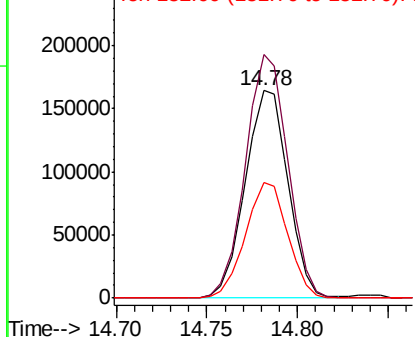


#52  
Acenaphthene  
Concen: 48.572 ng  
RT: 14.78 min Scan# 1956  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Tgt Ion:154 Resp: 270114  
Ion Ratio Lower Upper  
154 100  
153 117.3 93.4 140.0  
152 56.0 44.7 67.1



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: 16.402 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

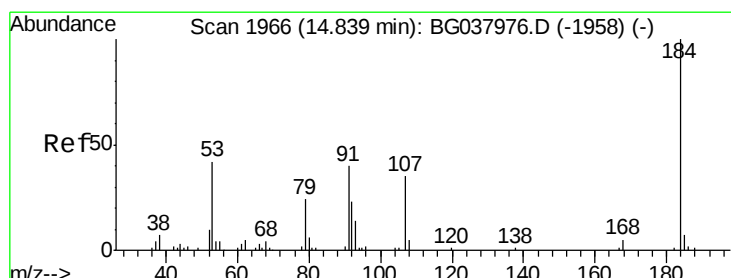
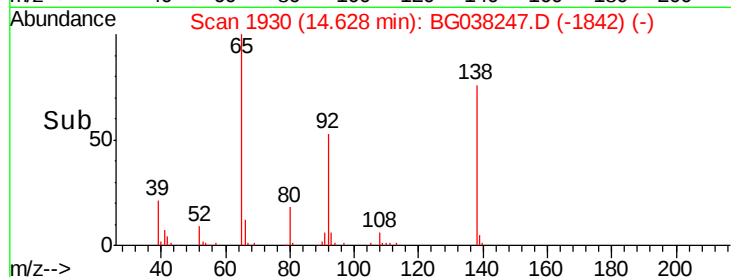
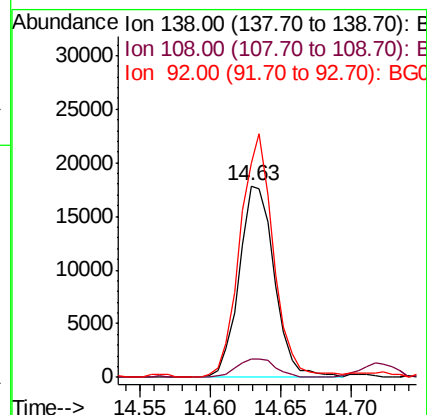
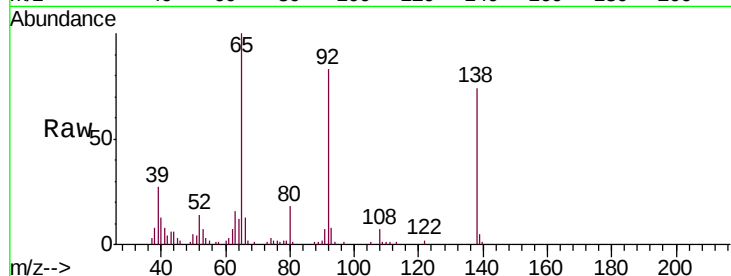
Tgt Ion:138 Resp: 31116

Ion Ratio Lower Upper

138 100

108 9.4 11.0 16.6#

92 111.9 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 14.997 ng

RT: 14.83 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

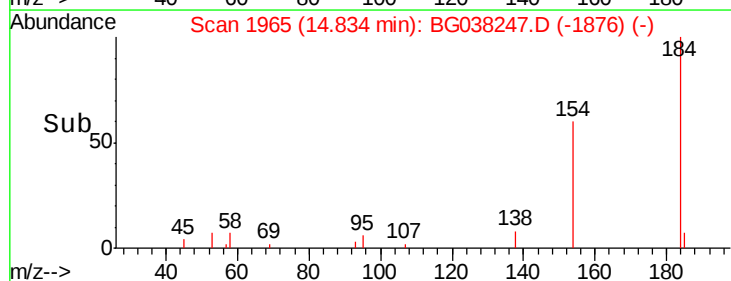
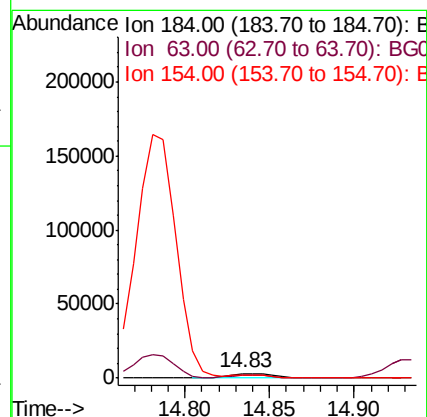
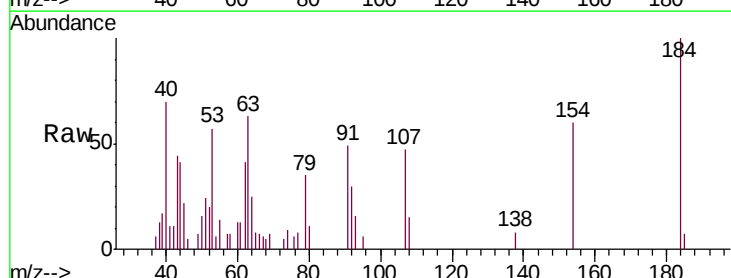
Tgt Ion:184 Resp: 5997

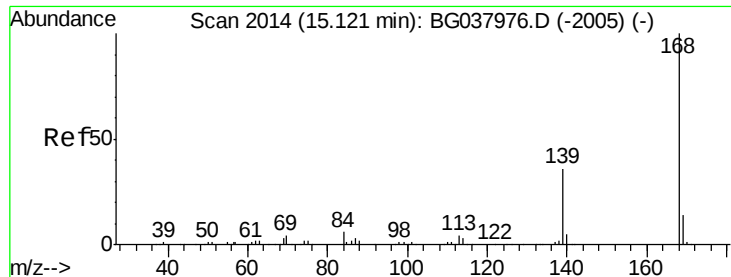
Ion Ratio Lower Upper

184 100

63 62.7 42.6 63.8

154 59.7 41.8 62.6

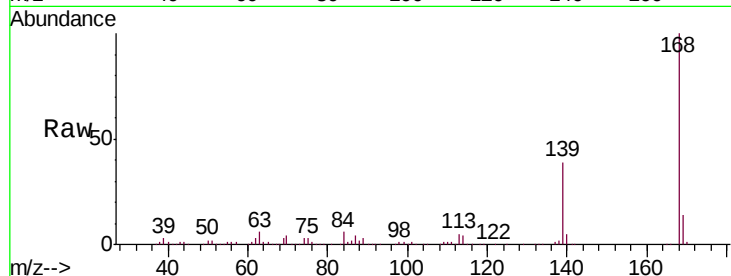




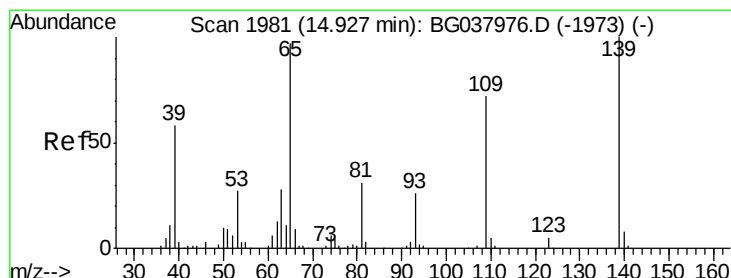
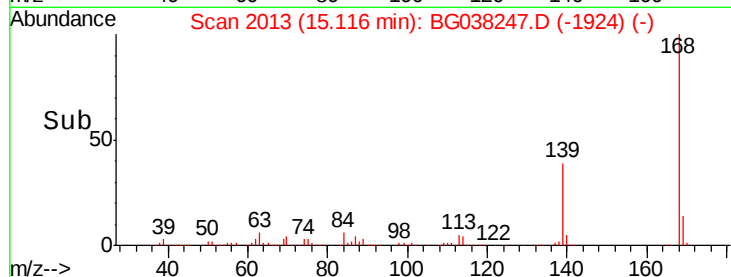
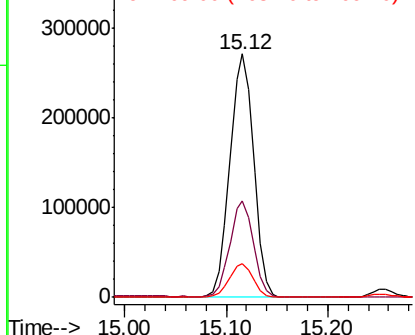
#55  
Dibenzenofuran  
Concen: 48.032 ng  
RT: 15.12 min Scan# 2013  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

Tgt Ion:168 Resp: 441675  
Ion Ratio Lower Upper  
168 100  
139 39.3 29.4 44.0  
169 13.9 11.0 16.6

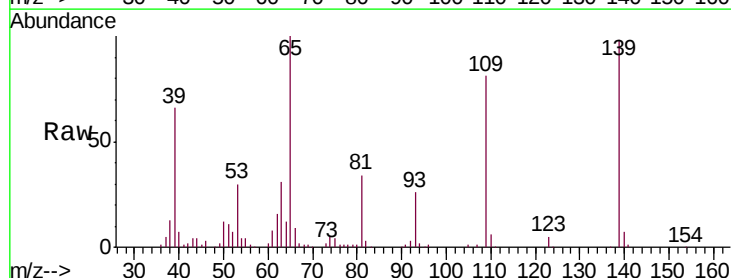


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

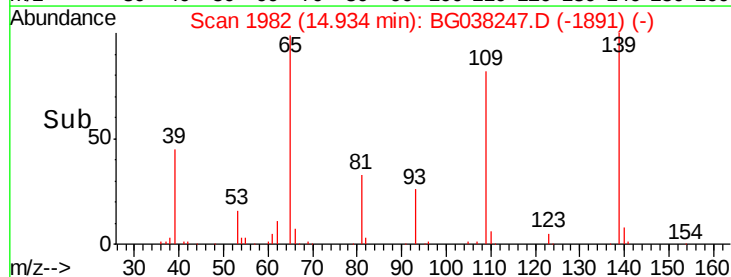
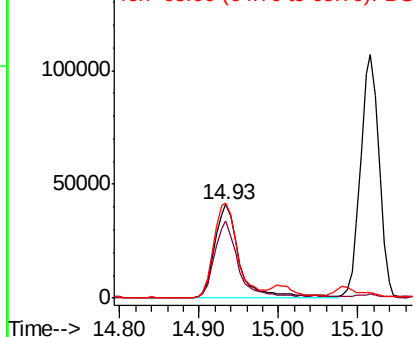


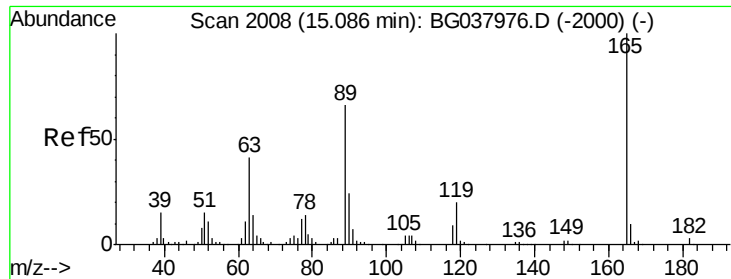
#56  
4-Nitrophenol  
Concen: 61.402 ng  
RT: 14.93 min Scan# 1982  
Delta R.T. 0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Tgt Ion:139 Resp: 89841  
Ion Ratio Lower Upper  
139 100  
109 82.6 49.5 89.5  
65 101.7 76.8 116.8



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

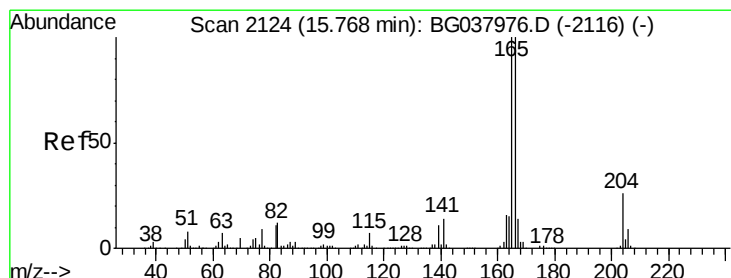
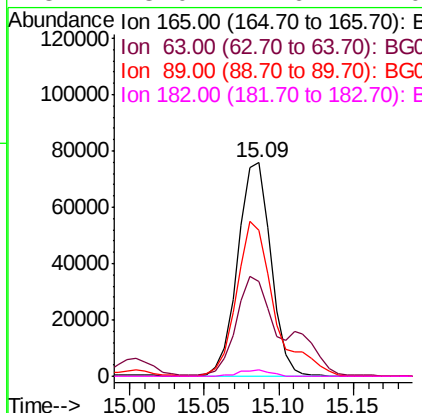
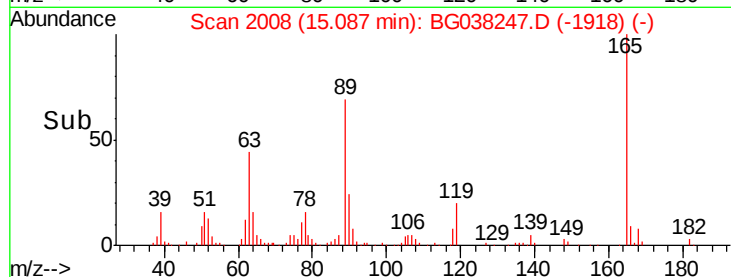
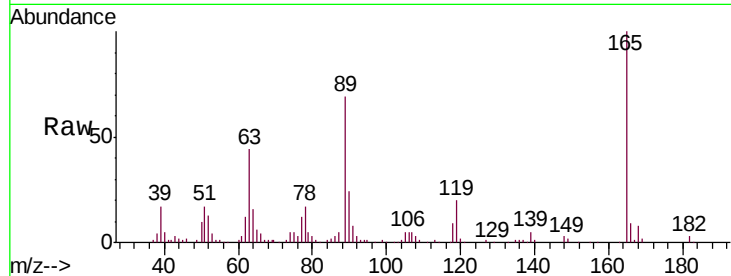




#57  
2,4-Dinitrotoluene  
Concen: 50.020 ng  
RT: 15.09 min Scan# 2008  
Delta R.T. 0.00 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

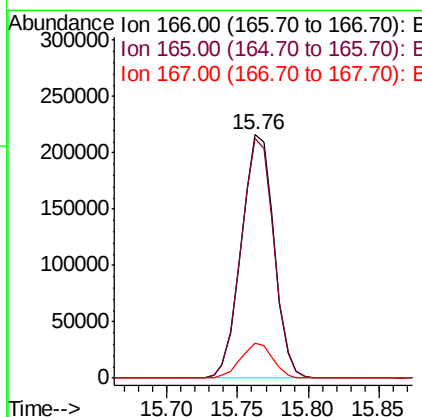
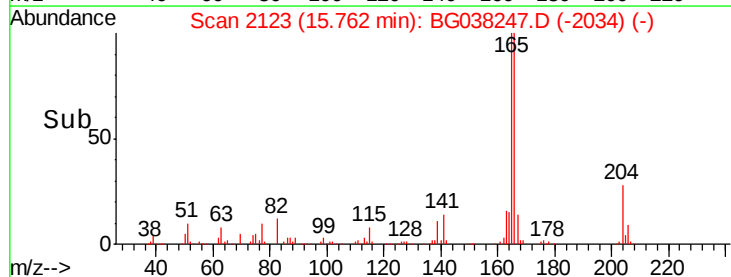
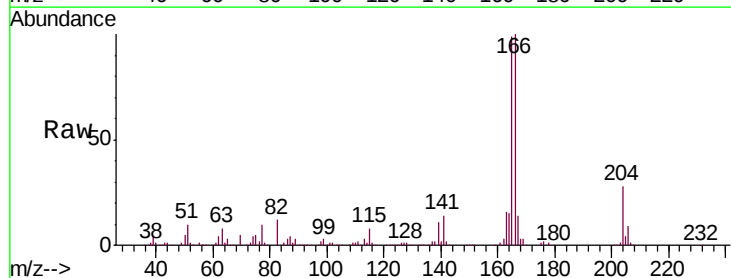
Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

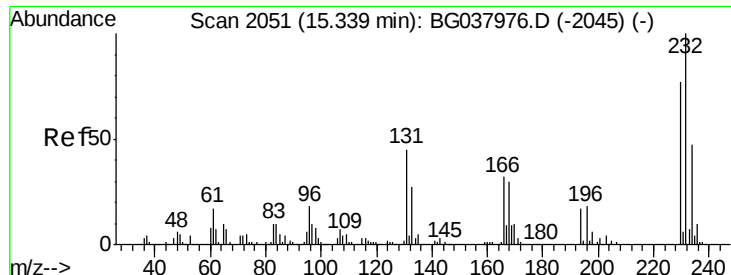
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 117006 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 44.5  | 33.4  | 50.0   |
| 89       | 68.6  | 57.2  | 85.8   |
| 182      | 3.0   | 2.6   | 4.0    |



#58  
Fluorene  
Concen: 50.887 ng  
RT: 15.76 min Scan# 2123  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 349133 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.6  | 79.0  | 118.6  |
| 167      | 14.1  | 11.3  | 16.9   |

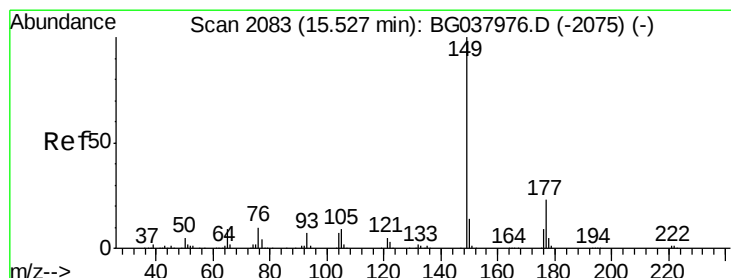
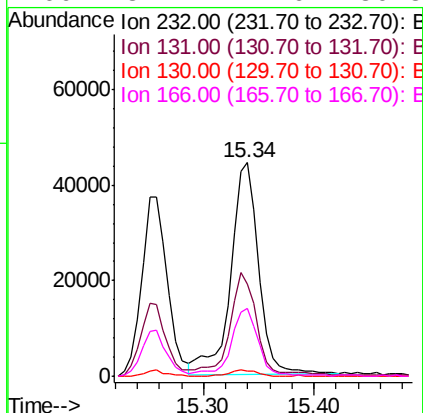
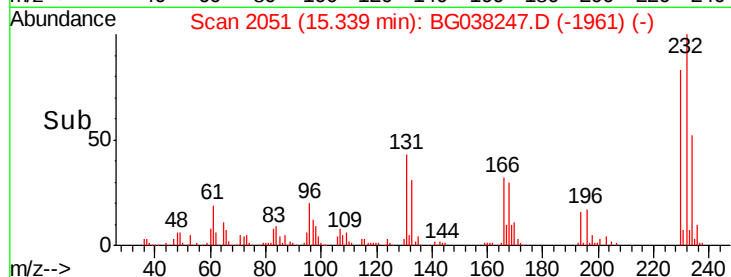
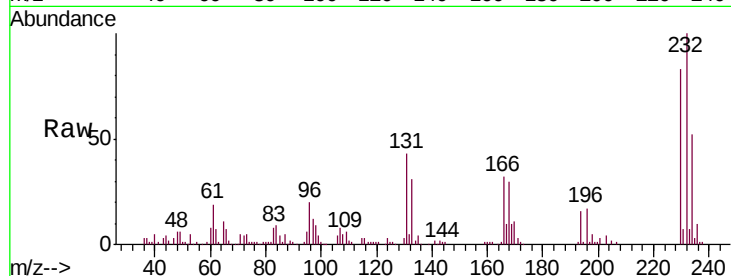




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.942 ng  
RT: 15.34 min Scan# 2051  
Delta R.T. 0.00 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

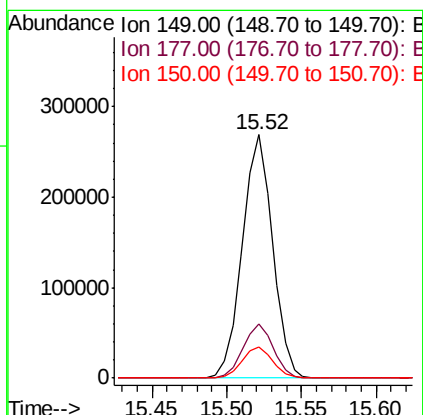
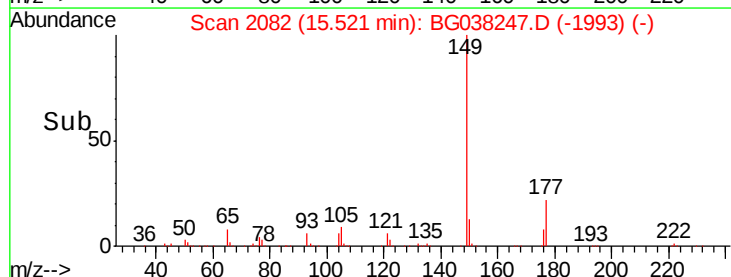
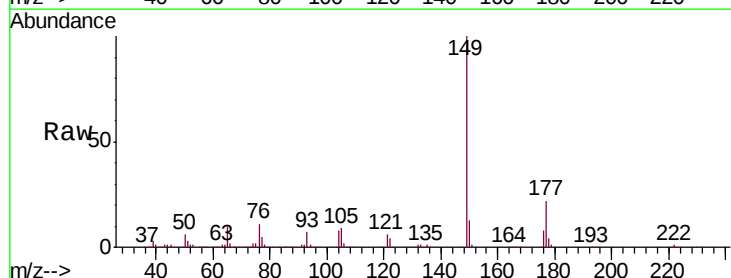
Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

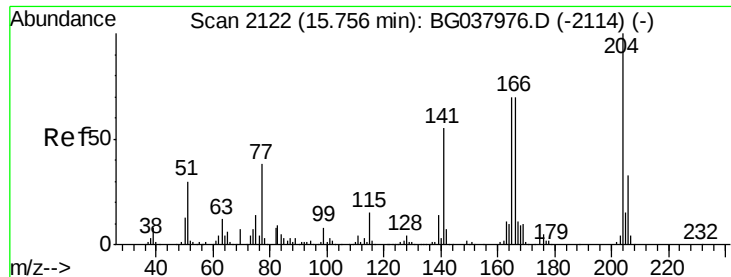
Tgt Ion:232 Resp: 78649  
Ion Ratio Lower Upper  
232 100  
131 47.5 33.7 50.5  
130 2.8 2.1 3.1  
166 31.4 24.6 36.8



#60  
Diethylphthalate  
Concen: 46.731 ng  
RT: 15.52 min Scan# 2082  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Tgt Ion:149 Resp: 377042  
Ion Ratio Lower Upper  
149 100  
177 22.2 18.3 27.5  
150 12.5 10.0 15.0

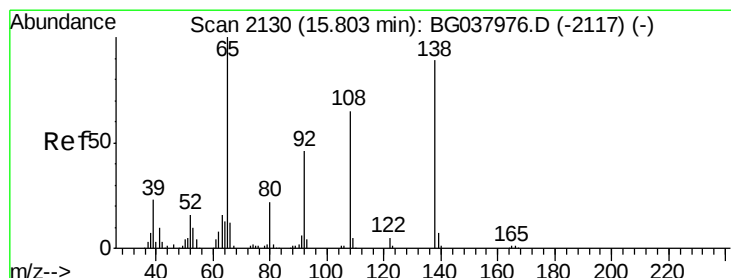
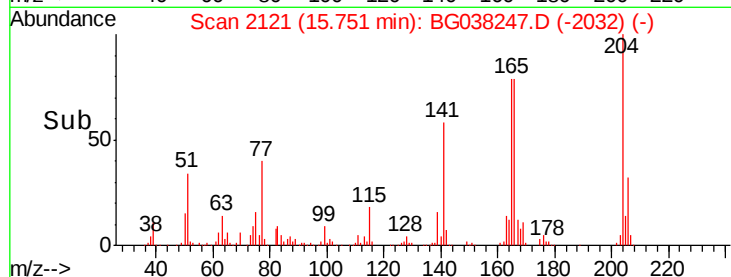
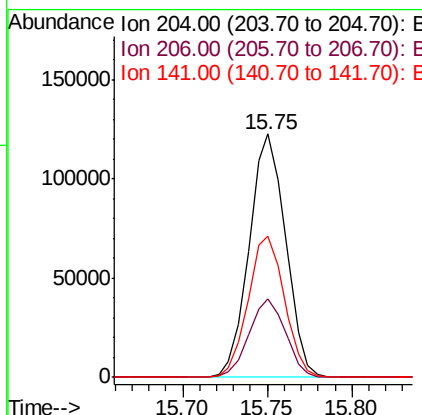
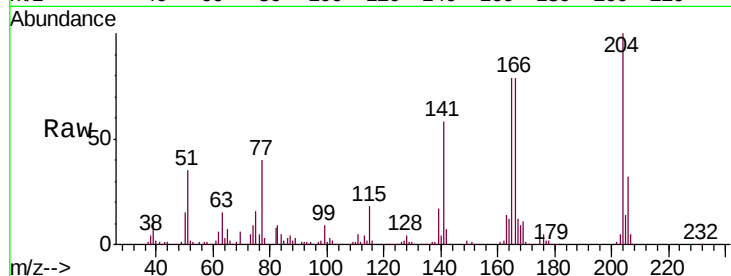




#61  
4-Chlorophenyl-phenylether  
Concen: 45.856 ng  
RT: 15.75 min Scan# 2121  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

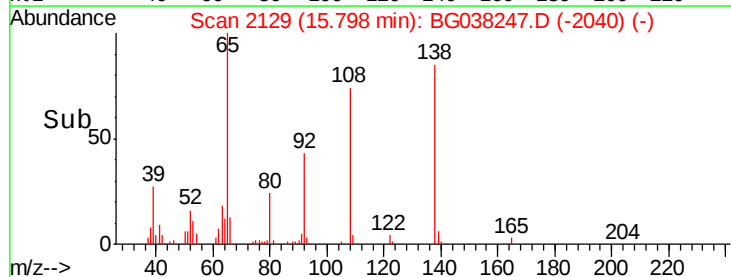
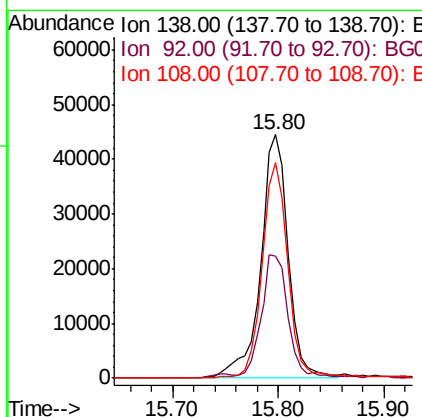
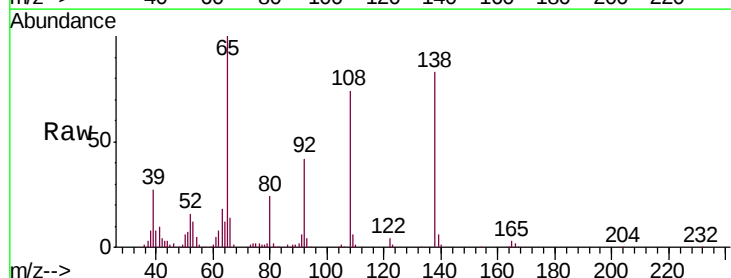
Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

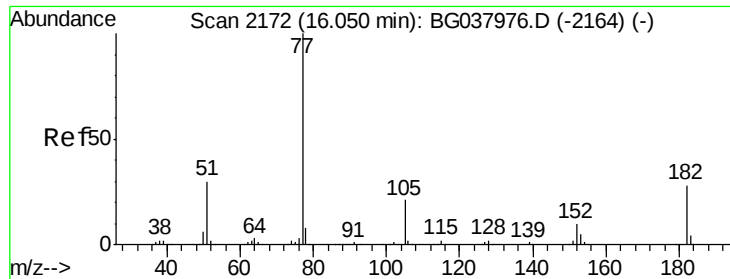
Tgt Ion: 204 Resp: 184092  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.6 39.8  
141 57.9 45.4 68.2



#62  
4-Nitroaniline  
Concen: 42.827 ng  
RT: 15.80 min Scan# 2129  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Tgt Ion: 138 Resp: 80712  
Ion Ratio Lower Upper  
138 100  
92 50.3 36.4 76.4  
108 88.6 60.1 100.1

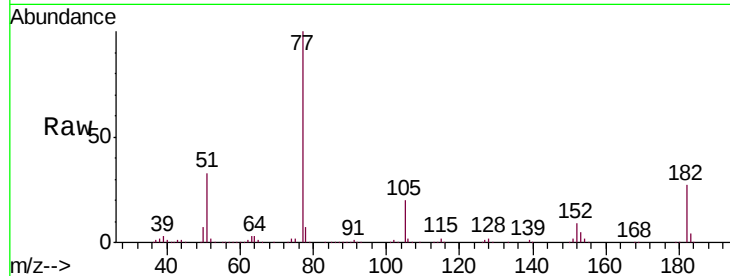




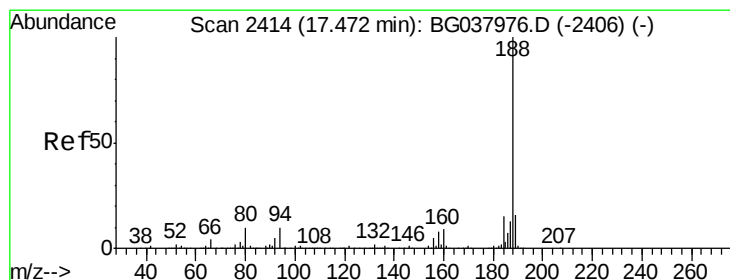
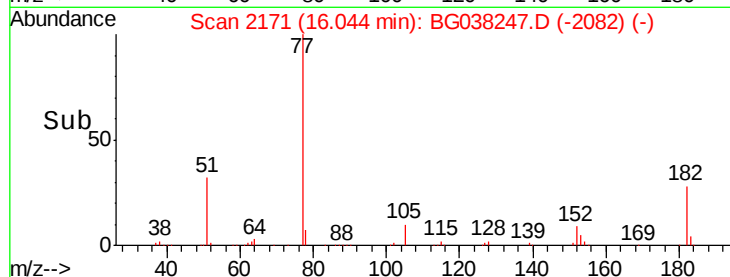
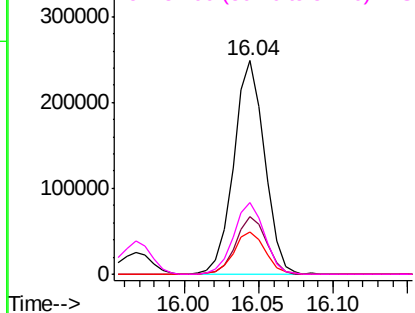
#63  
Azobenzene  
Concen: 49.520 ng  
RT: 16.04 min Scan# 2171  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 77      | 100  |       |       |
| 182     | 26.7 | 8.0   | 48.0  |
| 105     | 19.9 | 1.3   | 41.3  |
| 51      | 33.3 | 10.7  | 50.7  |

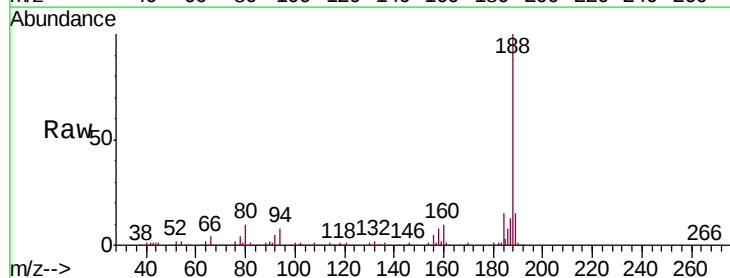


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

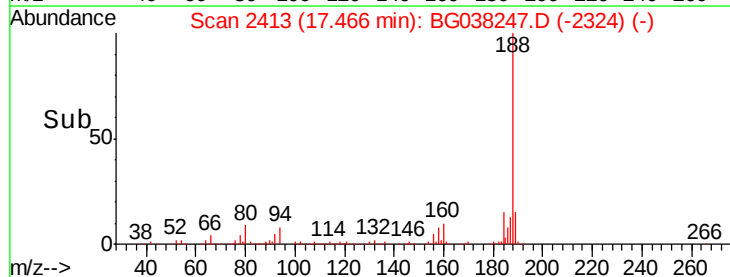
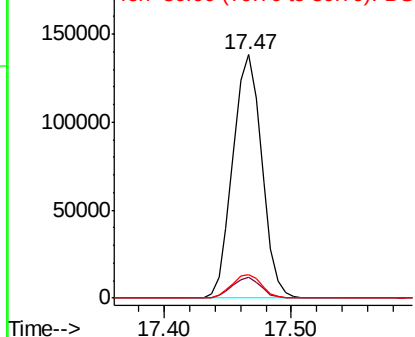


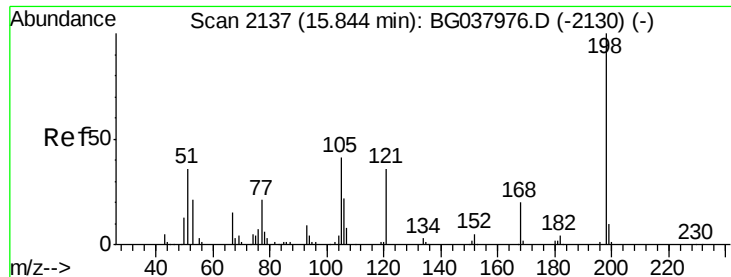
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.47 min Scan# 2413  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 188     | 100  |       |       |
| 94      | 8.4  | 7.2   | 10.8  |
| 80      | 9.5  | 7.7   | 11.5  |



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: 6.283 ng

RT: 15.84 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

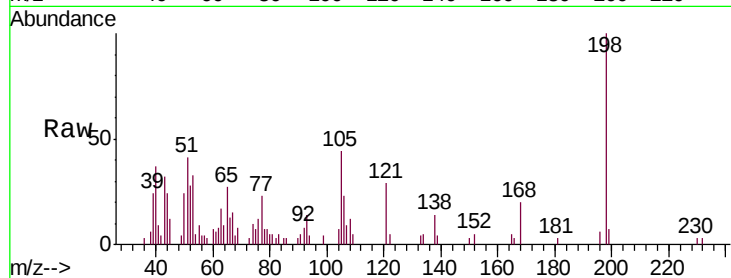
Tgt Ion:198 Resp: 8696

Ion Ratio Lower Upper

198 100

51 41.3 22.7 62.7

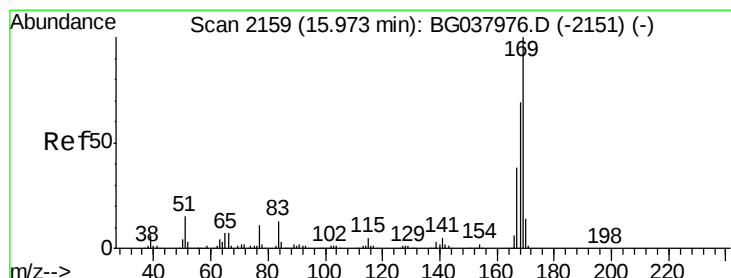
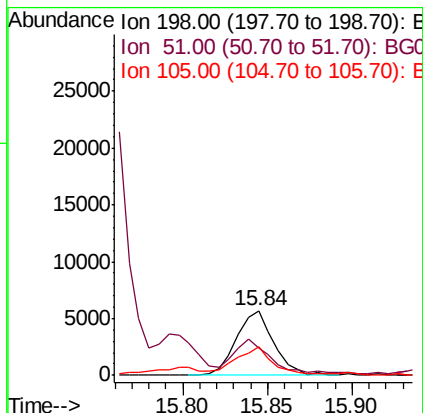
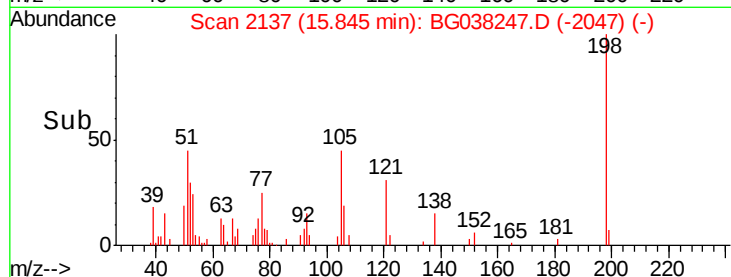
105 44.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037976.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): BG037976.D (-2130) (-)



#66

n-Nitrosodiphenylamine

Concen: 48.387 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

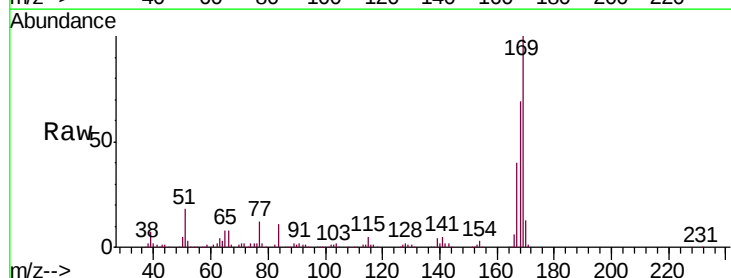
Tgt Ion:169 Resp: 320344

Ion Ratio Lower Upper

169 100

168 69.4 55.7 83.5

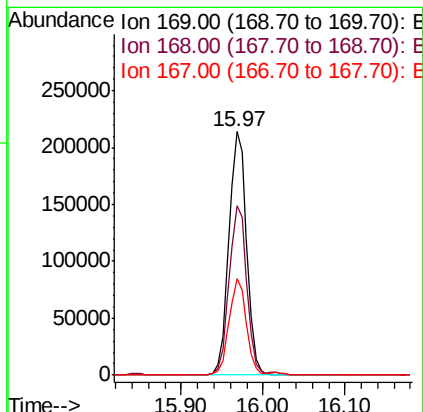
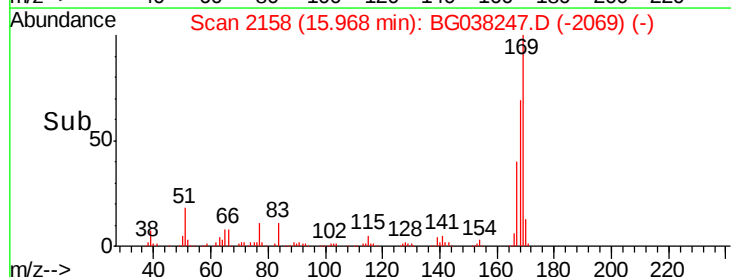
167 39.5 31.3 46.9

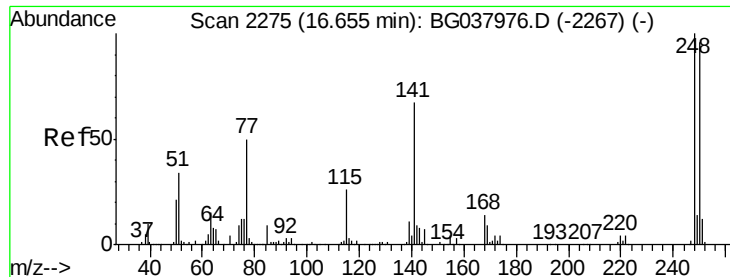


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG037976.D (-2151) (-)

Ion 167.00 (166.70 to 167.70): BG037976.D (-2151) (-)

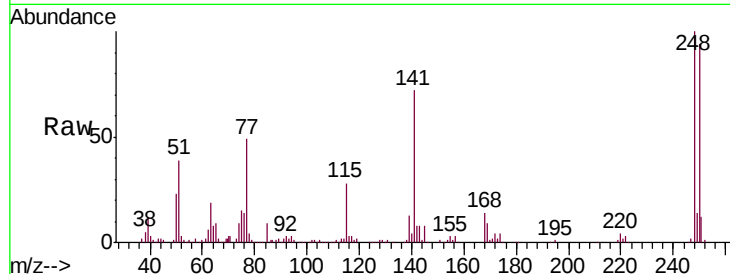




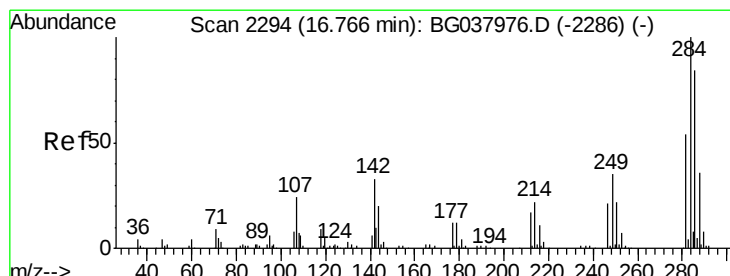
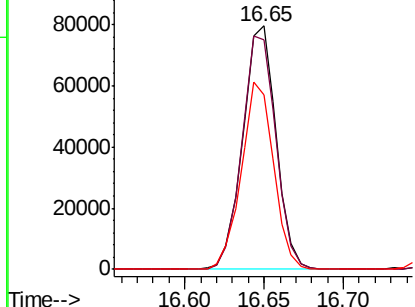
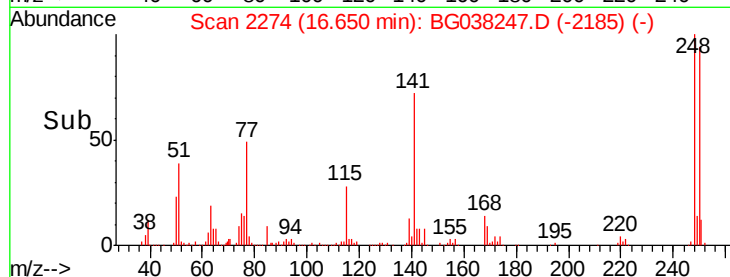
#67  
 4-Bromophenyl-phenylether  
 Concen: 48.122 ng  
 RT: 16.65 min Scan# 2274  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHASIS-WASHMSD

Tgt Ion:248 Resp: 115586  
 Ion Ratio Lower Upper  
 248 100  
 250 94.4 77.0 115.6  
 141 71.7 55.5 83.3

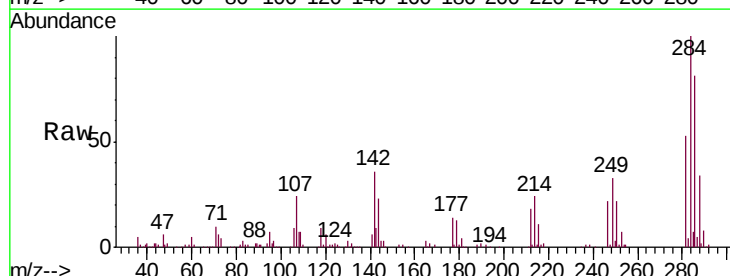


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

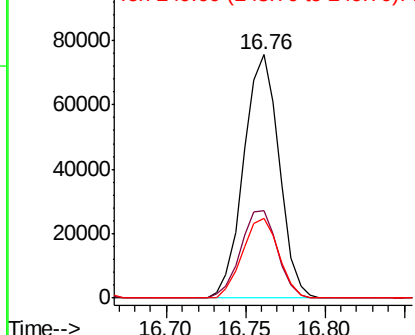
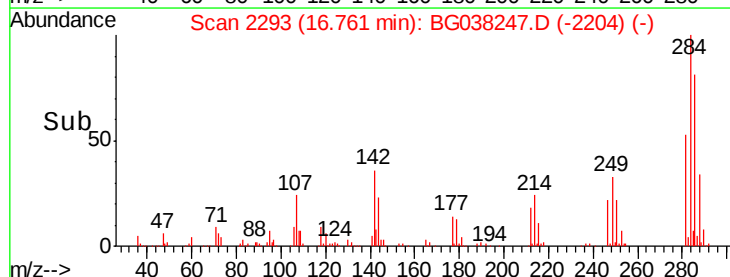


#68  
 Hexachlorobenzene  
 Concen: 47.293 ng  
 RT: 16.76 min Scan# 2293  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Tgt Ion:284 Resp: 117252  
 Ion Ratio Lower Upper  
 284 100  
 142 36.0 28.1 42.1  
 249 35.3 29.8 44.8



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





#69

Atrazine

Concen: 48.584 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

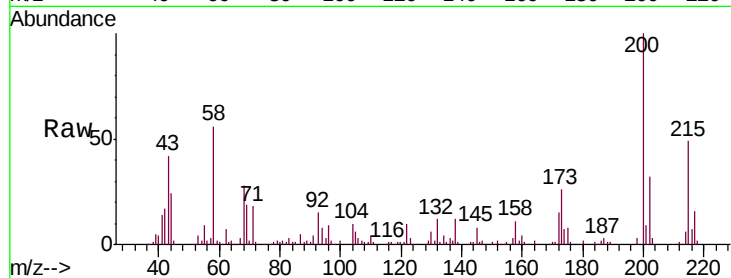
Tgt Ion:200 Resp: 118570

Ion Ratio Lower Upper

200 100

173 26.1 6.1 46.1

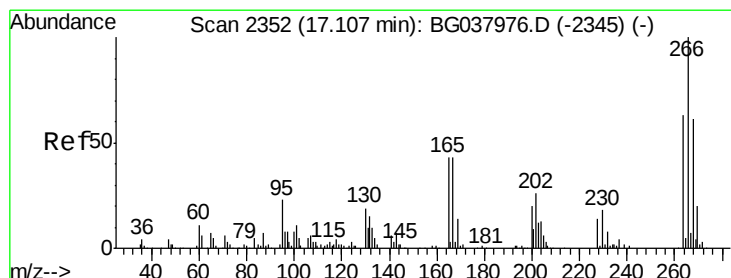
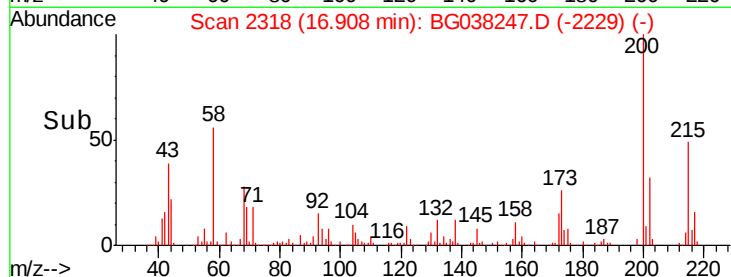
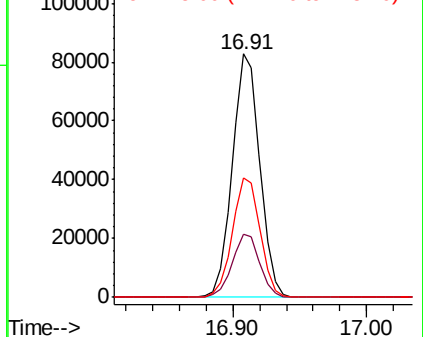
215 48.9 30.8 70.8



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: 16.569 ng

RT: 17.11 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

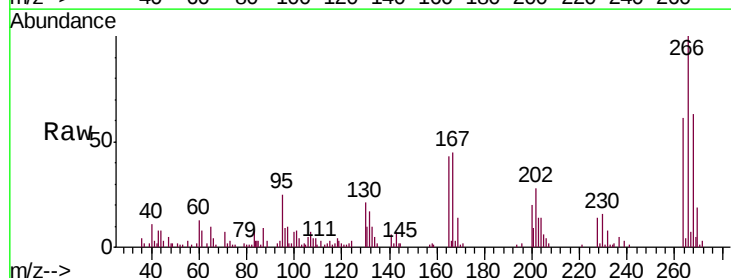
Tgt Ion:266 Resp: 27899

Ion Ratio Lower Upper

266 100

268 68.0 55.0 82.6

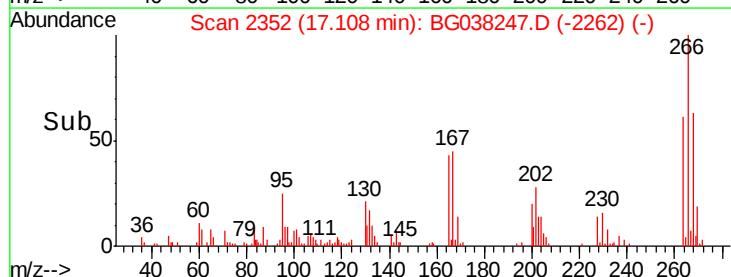
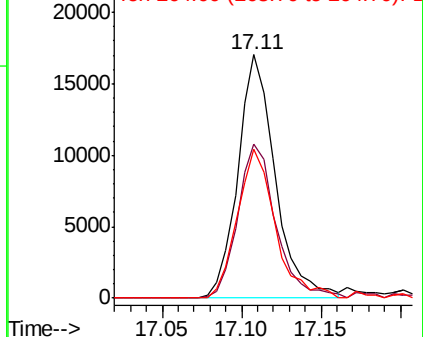
264 61.0 58.9 88.3

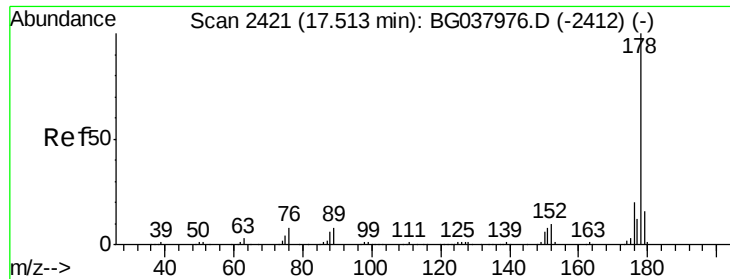


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

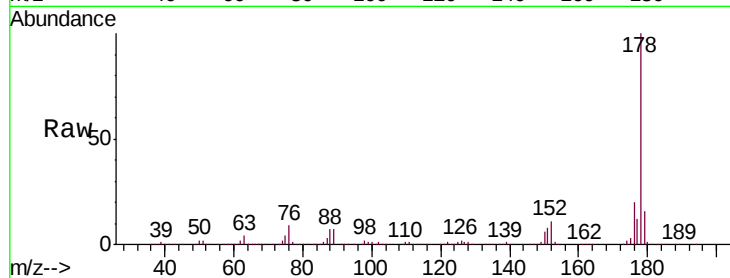




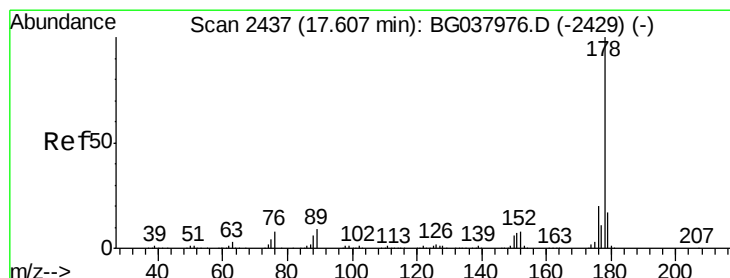
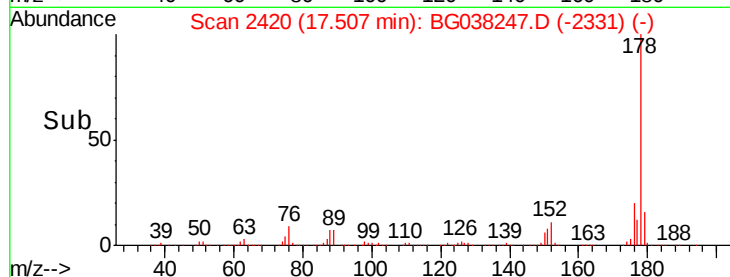
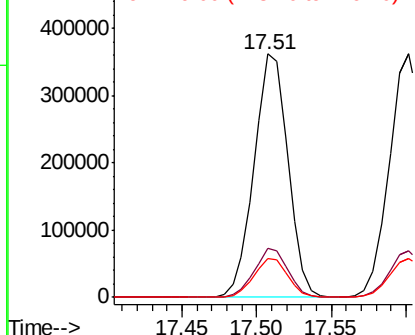
#71  
Phenanthrene  
Concen: 50.702 ng  
RT: 17.51 min Scan# 2420  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

Tgt Ion:178 Resp: 568068  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.1 24.1  
179 16.0 13.0 19.4

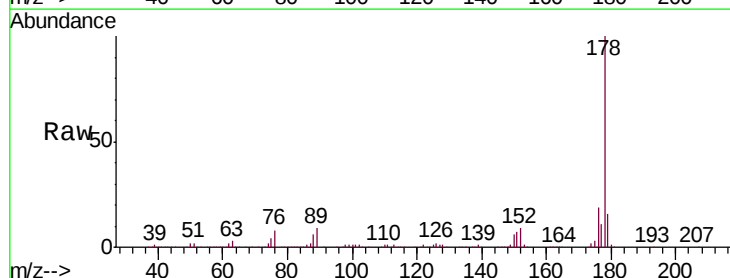


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

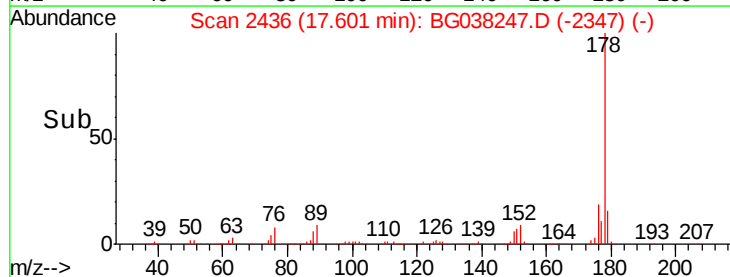
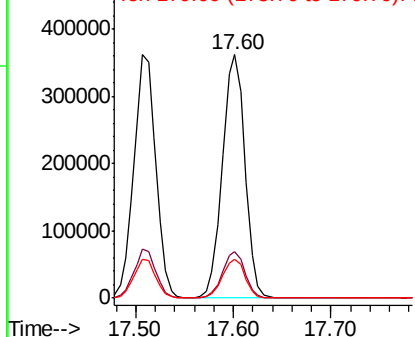


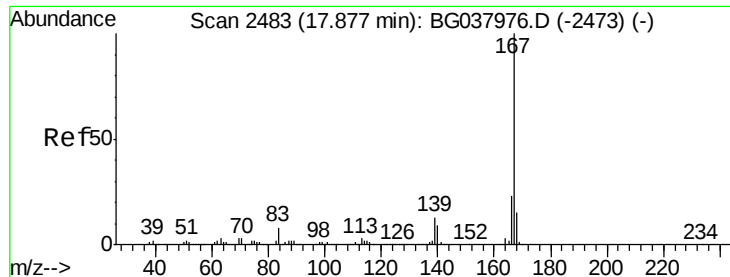
#72  
Anthracene  
Concen: 52.451 ng  
RT: 17.60 min Scan# 2436  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Tgt Ion:178 Resp: 579288  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.0 22.4  
179 16.1 12.8 19.2



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

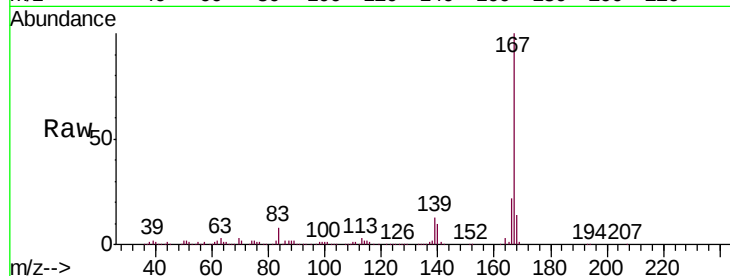




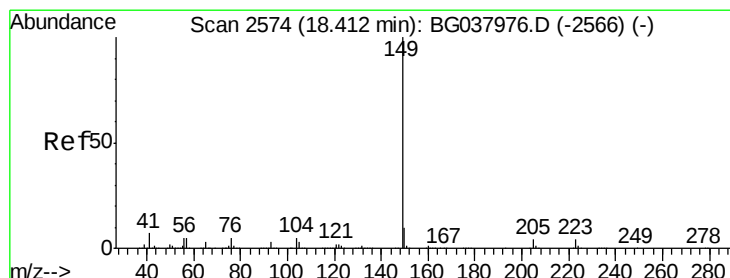
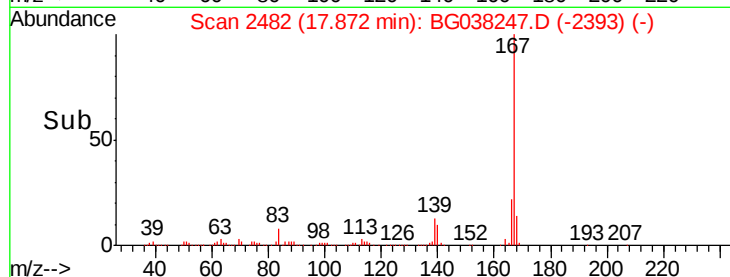
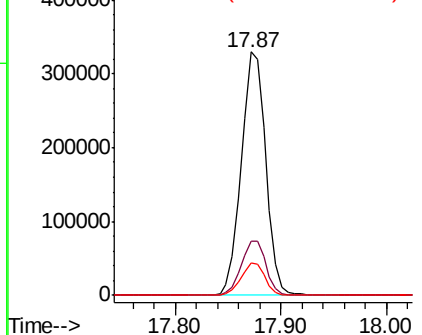
#73  
 Carbazole  
 Concen: 47.670 ng  
 RT: 17.87 min Scan# 2482  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHASIS-WASHMSD

Tgt Ion:167 Resp: 528222  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 18.3 27.5  
 139 13.3 10.5 15.7

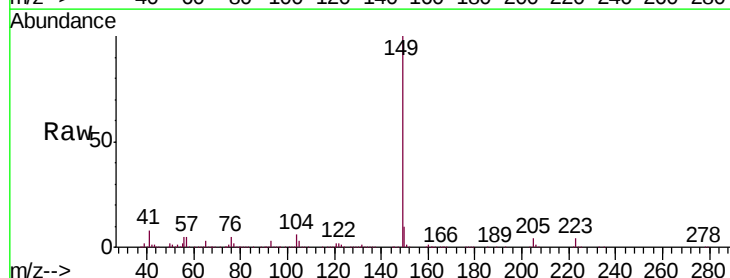


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

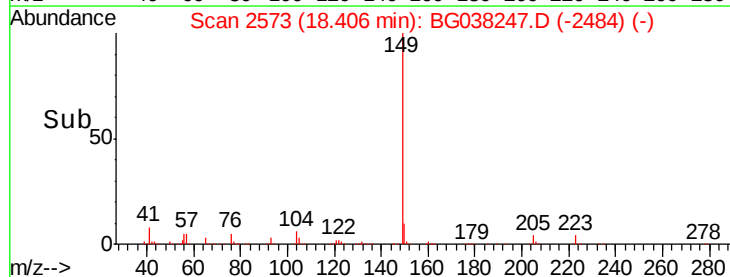
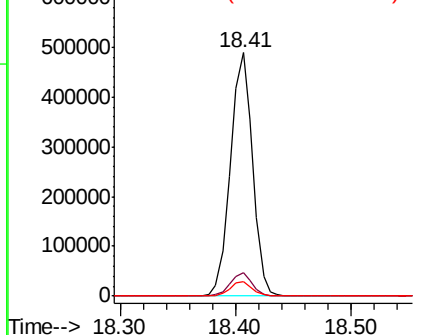


#74  
 Di-n-butylphthalate  
 Concen: 51.928 ng  
 RT: 18.41 min Scan# 2573  
 Delta R.T. -0.01 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Tgt Ion:149 Resp: 645915  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 8.2 12.2  
 104 5.8 4.0 6.0



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: 52.423 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

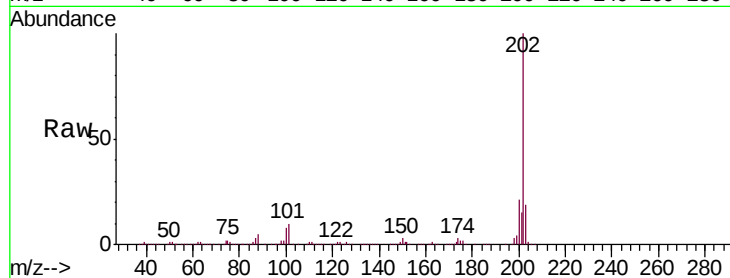
Tgt Ion:202 Resp: 670129

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.7

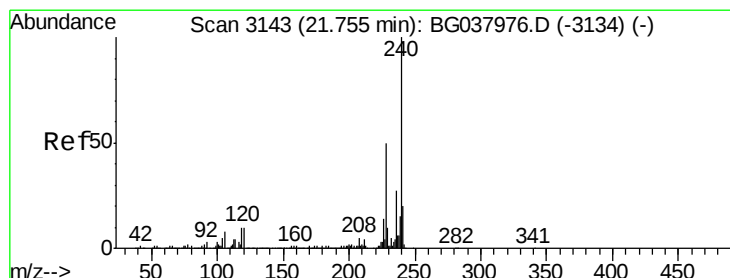
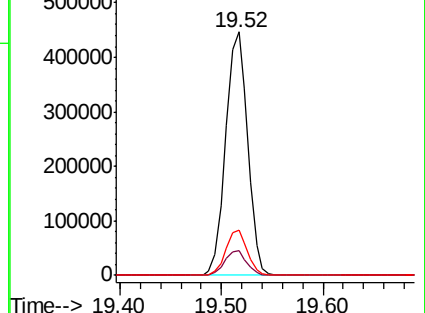
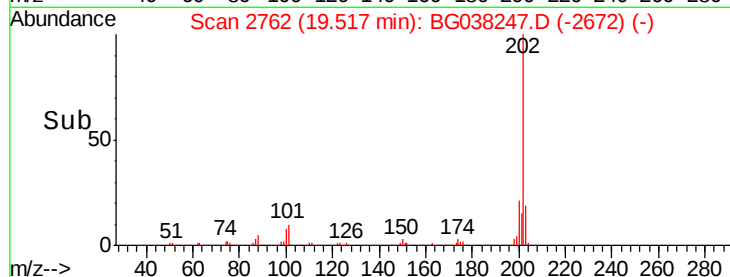
203 18.6 0.0 38.5



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: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

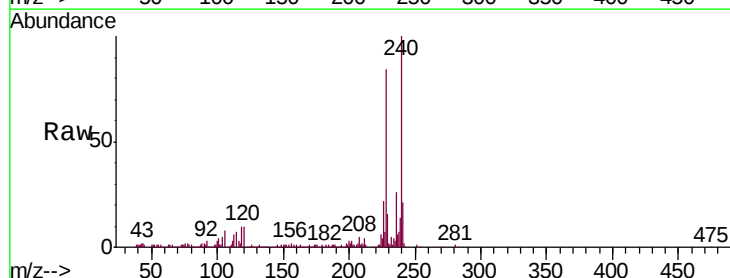
Tgt Ion:240 Resp: 201040

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

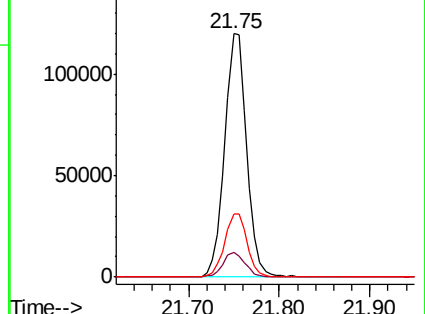
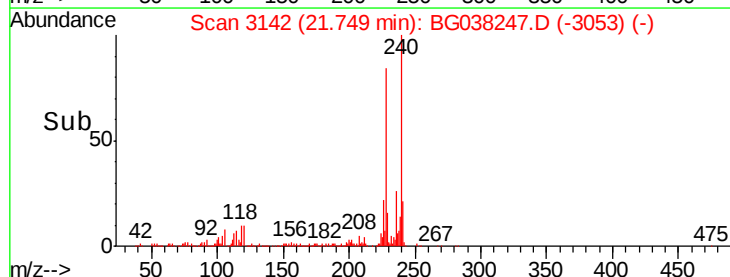
236 26.1 21.4 32.0

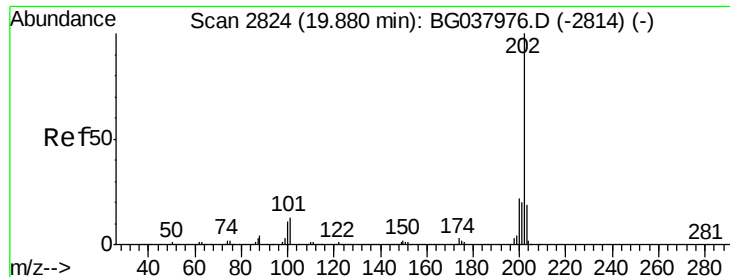


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

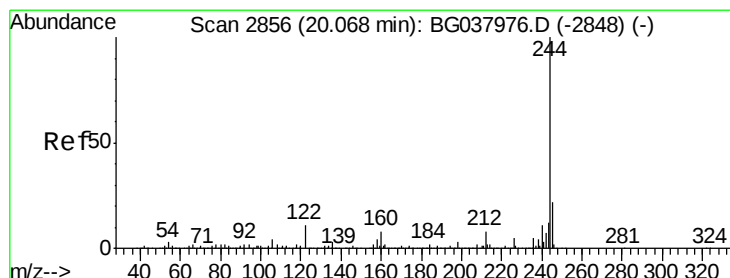
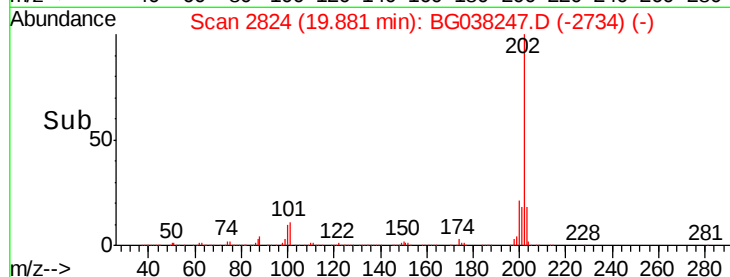
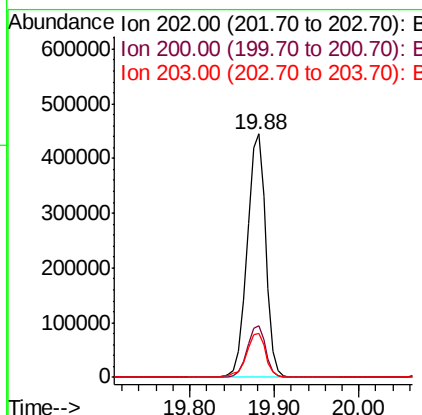
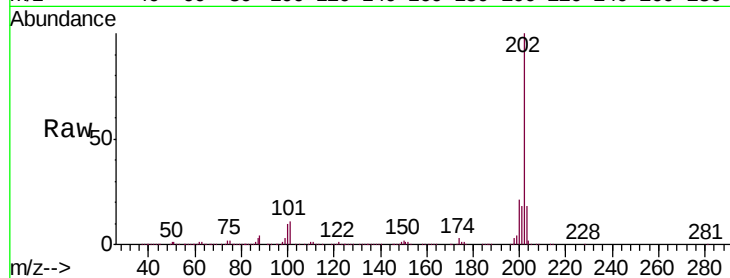




#78  
 Pyrene  
 Concen: 51.587 ng  
 RT: 19.88 min Scan# 2824  
 Delta R.T. 0.00 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

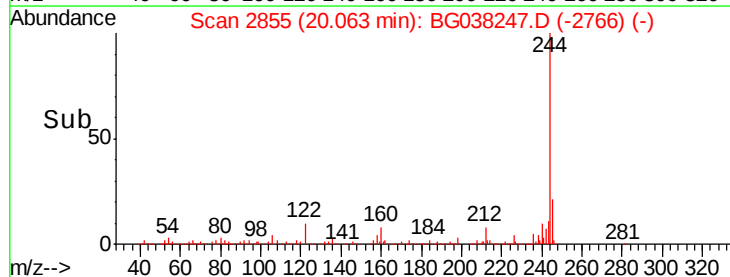
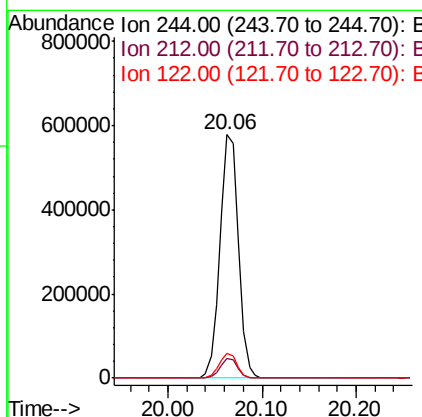
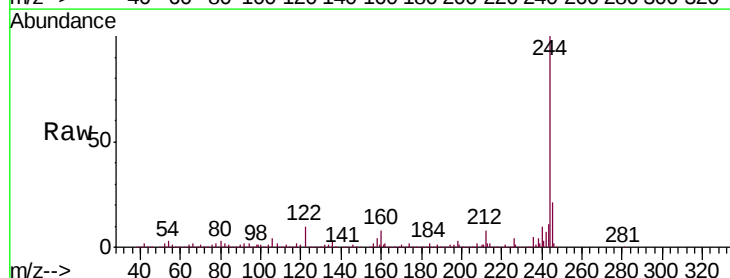
Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHASIS-WASHMSD

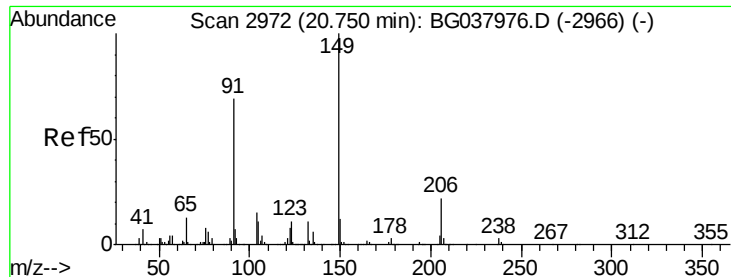
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.4  | 17.8  | 26.6  |
| 203     | 18.0  | 15.2  | 22.8  |



#79  
 Terphenyl-d14  
 Concen: 92.905 ng  
 RT: 20.06 min Scan# 2855  
 Delta R.T. -0.00 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.2   | 6.5   | 9.7   |
| 122     | 9.9   | 9.0   | 13.4  |

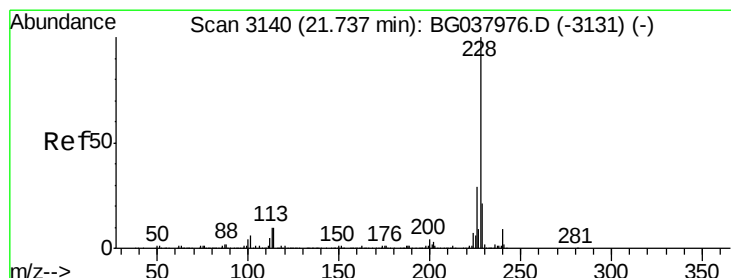
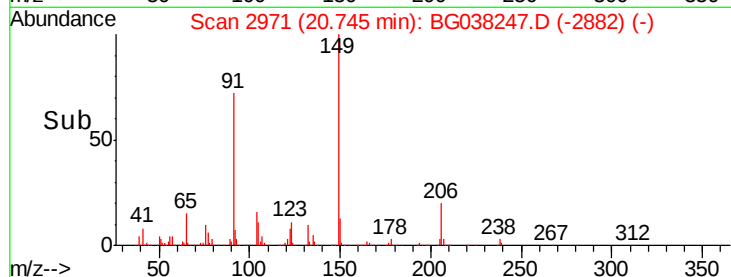
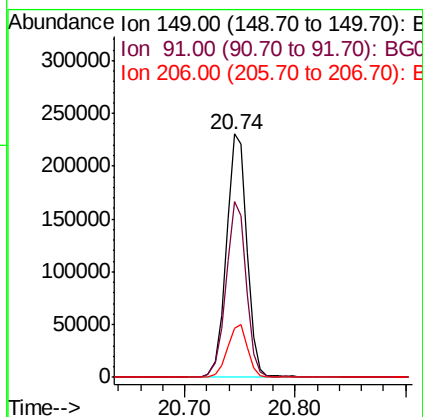
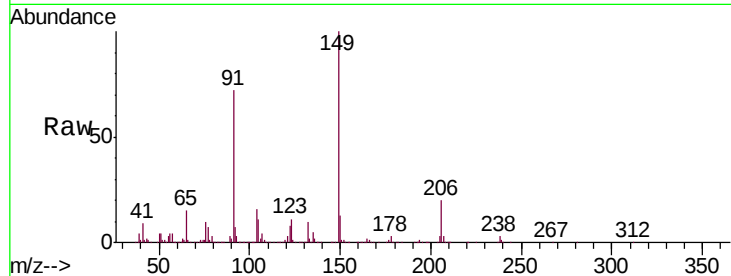




#80  
Butylbenzylphthalate  
Concen: 52.222 ng  
RT: 20.74 min Scan# 2971  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

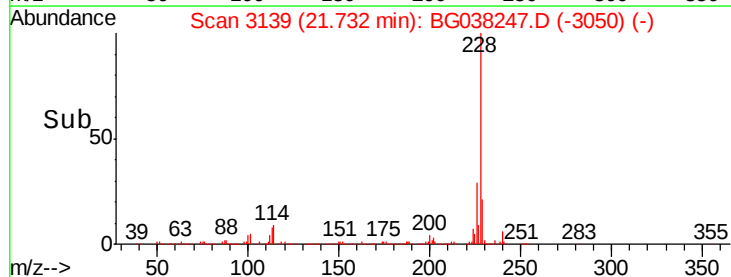
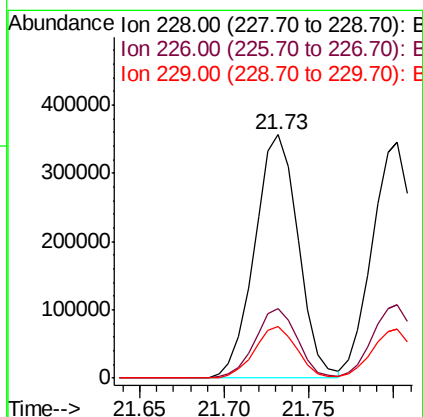
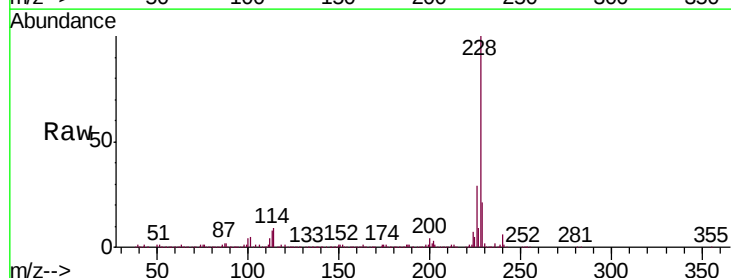
Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

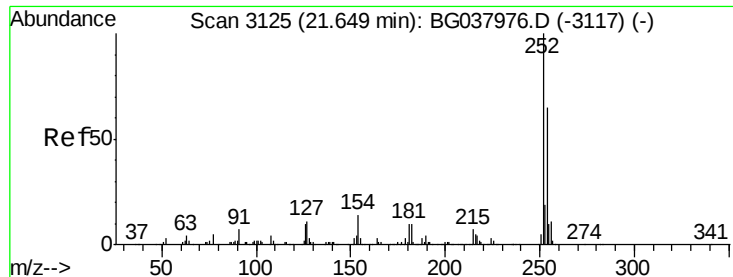
Tgt Ion:149 Resp: 300179  
Ion Ratio Lower Upper  
149 100  
91 72.2 57.0 85.4  
206 20.4 17.8 26.6



#81  
Benzo(a)anthracene  
Concen: 52.671 ng  
RT: 21.73 min Scan# 3139  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Tgt Ion:228 Resp: 639897  
Ion Ratio Lower Upper  
228 100  
226 28.5 22.6 33.8  
229 21.0 16.3 24.5

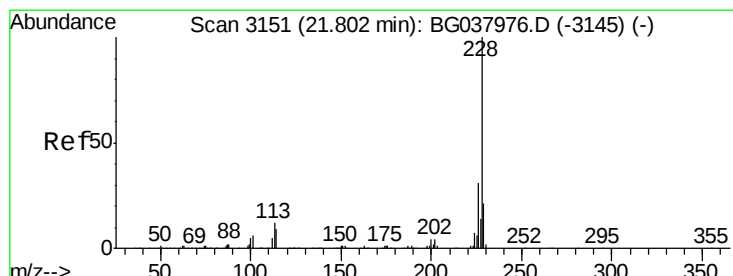
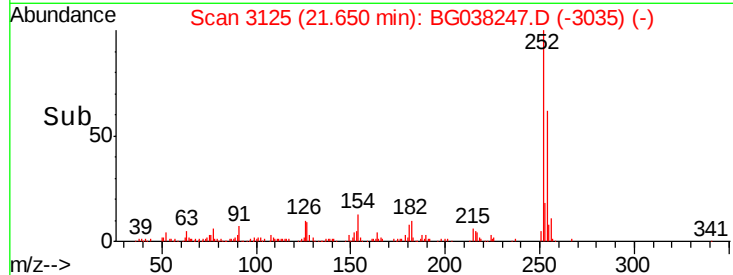
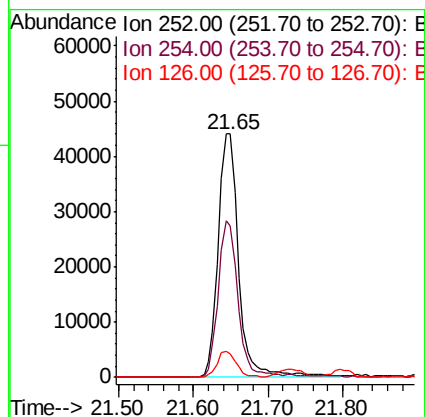
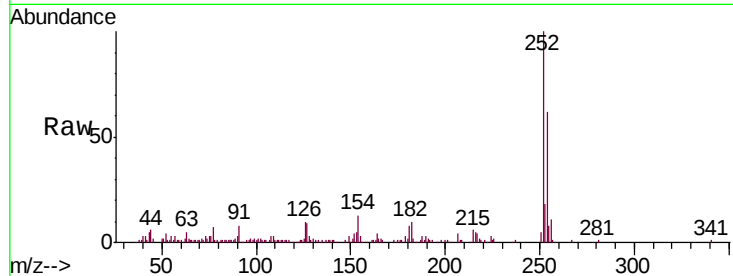




#82  
 3,3'-Dichlorobenzidine  
 Concen: 17.835 ng  
 RT: 21.65 min Scan# 3125  
 Delta R.T. 0.00 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

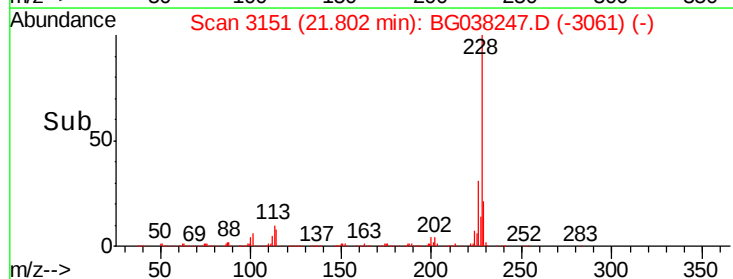
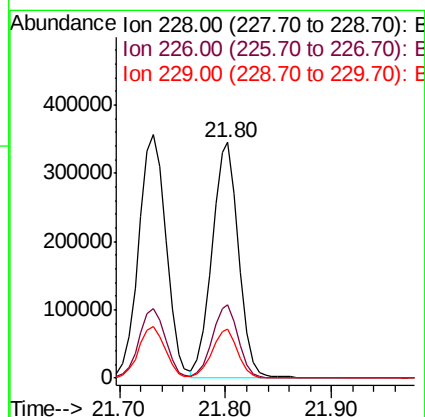
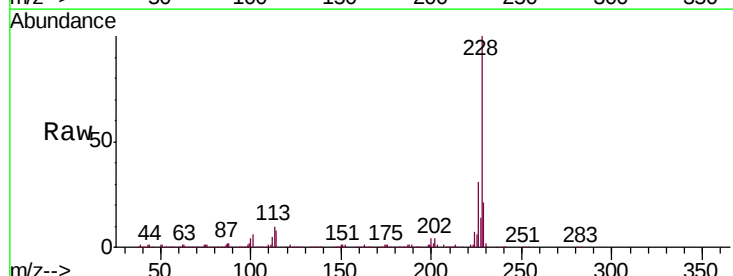
Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHASIS-WASHMSD

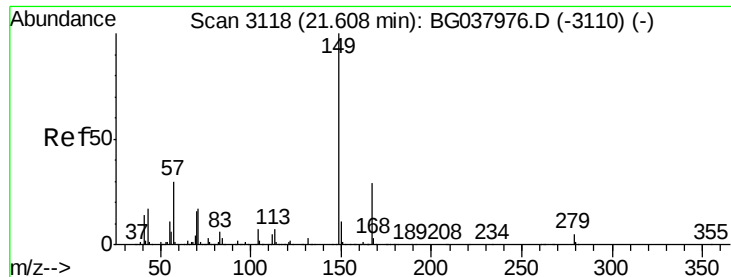
Tgt Ion:252 Resp: 84404  
 Ion Ratio Lower Upper  
 252 100  
 254 62.4 52.0 78.0  
 126 9.9 8.2 12.4



#83  
 Chrysene  
 Concen: 51.771 ng  
 RT: 21.80 min Scan# 3151  
 Delta R.T. 0.00 min  
 Lab File: BG038247.D  
 Acq: 30 Nov 2018 00:16

Tgt Ion:228 Resp: 601781  
 Ion Ratio Lower Upper  
 228 100  
 226 31.2 25.7 38.5  
 229 20.7 16.5 24.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 51.216 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

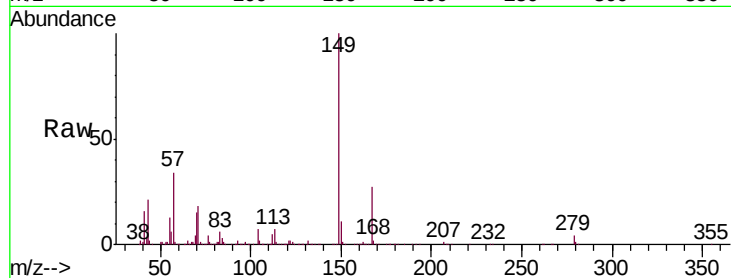
Tgt Ion:149 Resp: 419837

Ion Ratio Lower Upper

149 100

167 27.4 23.0 34.4

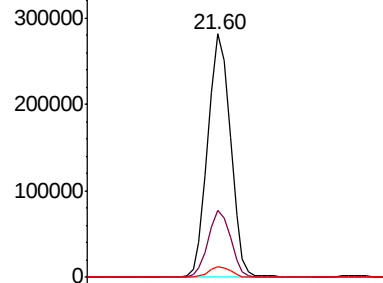
279 4.5 3.6 5.4



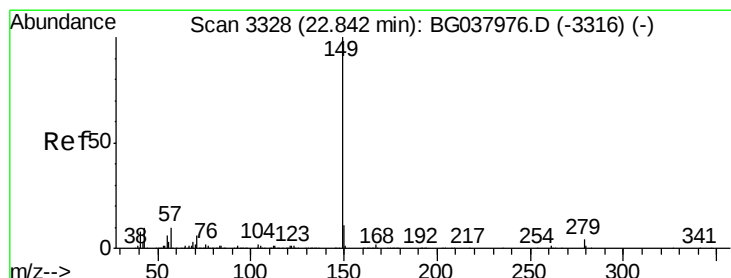
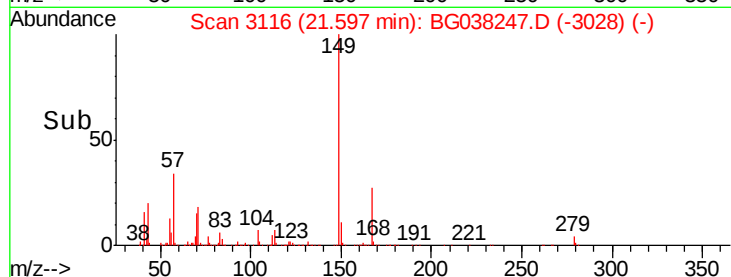
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 54.374 ng

RT: 22.84 min Scan# 3327

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

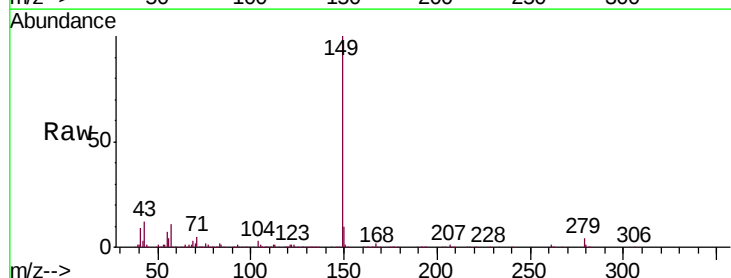
Tgt Ion:149 Resp: 721092

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

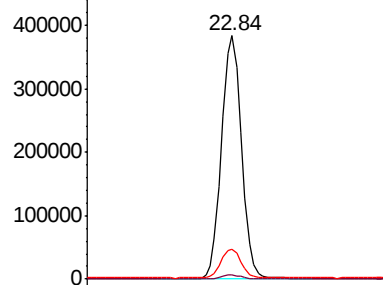
43 11.9 8.7 13.1



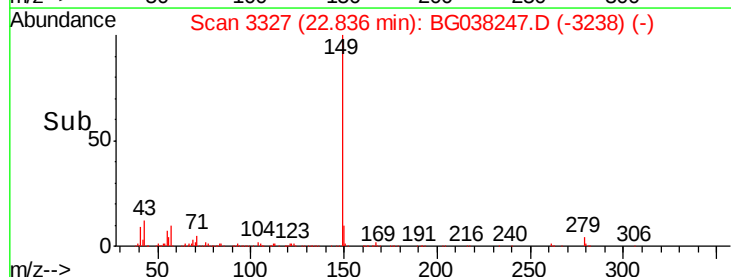
Abundance Ion 149.00 (148.70 to 149.70): E

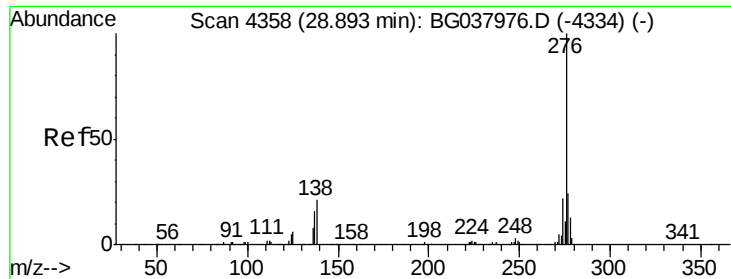
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



Time-->





#86

Indeno(1,2,3-cd)pyrene

Concen: 50.179 ng

RT: 28.88 min Scan# 4355

Delta R.T. -0.02 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

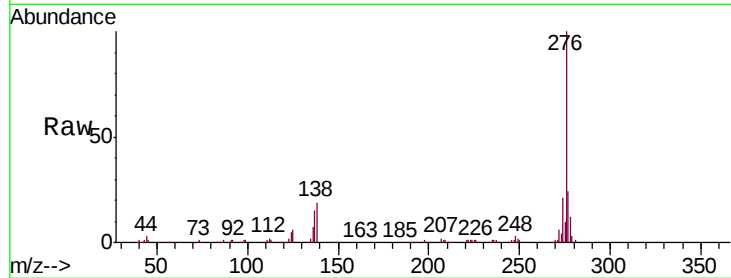
Tgt Ion:276 Resp: 647810

Ion Ratio Lower Upper

276 100

138 12.8 12.0 18.0

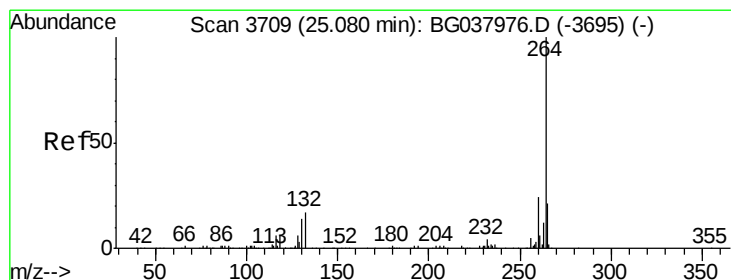
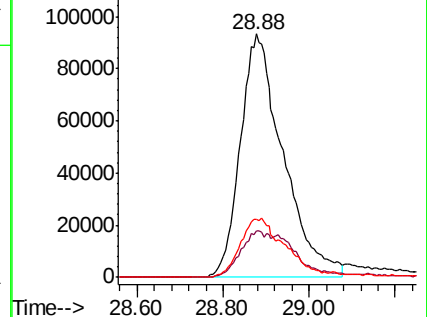
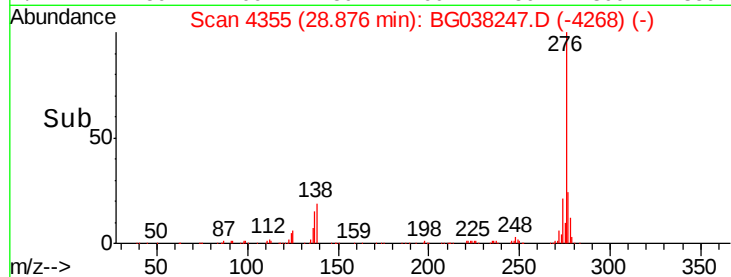
277 25.3 20.6 30.8



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

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

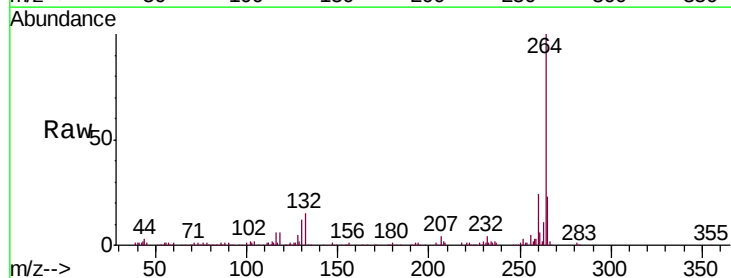
Tgt Ion:264 Resp: 213416

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

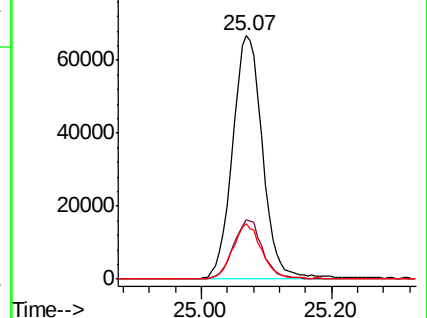
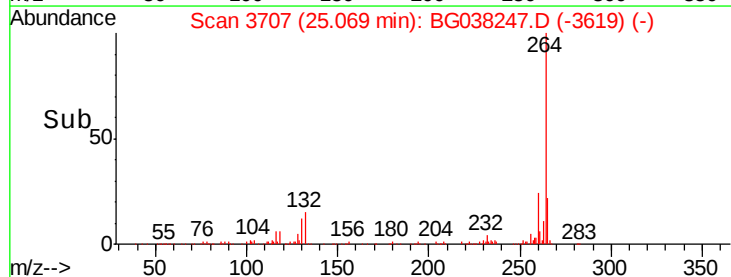
265 22.7 17.9 26.9

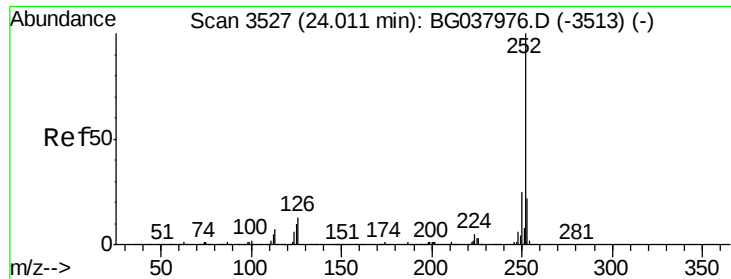


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

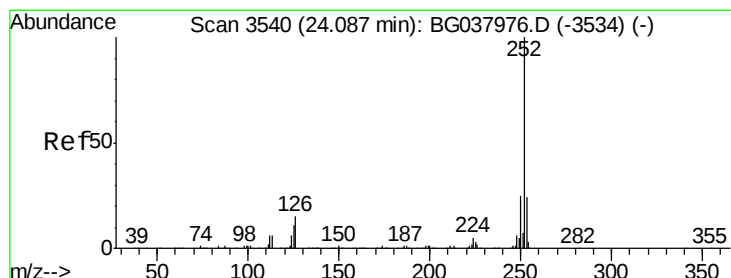
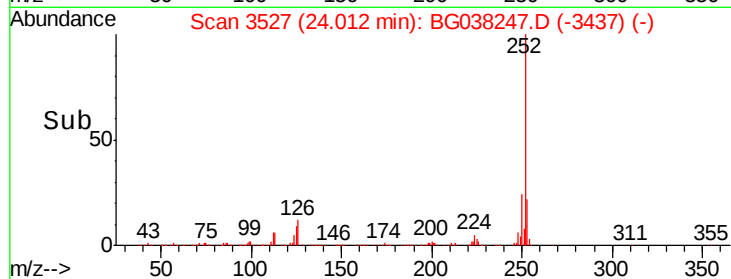
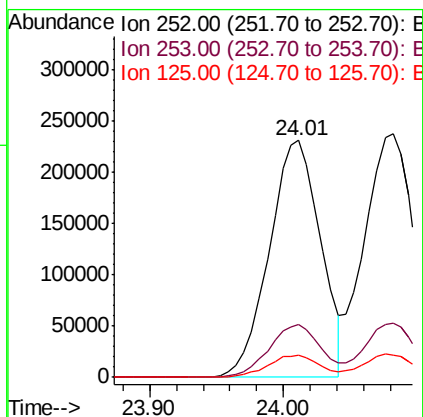
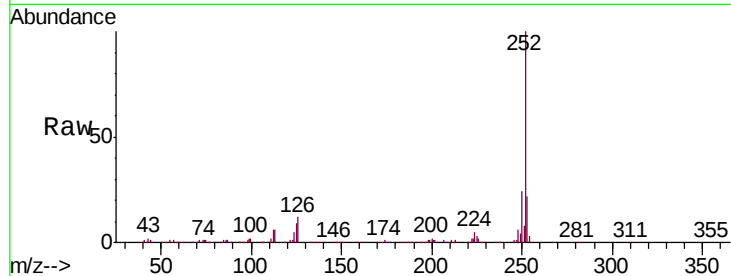




#88  
Benzo(b)fluoranthene  
Concen: 52.447 ng  
RT: 24.01 min Scan# 3527  
Delta R.T. 0.00 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

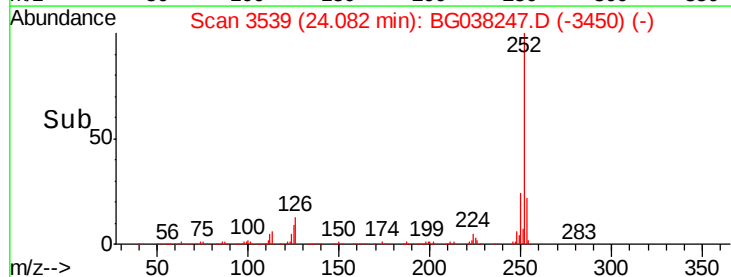
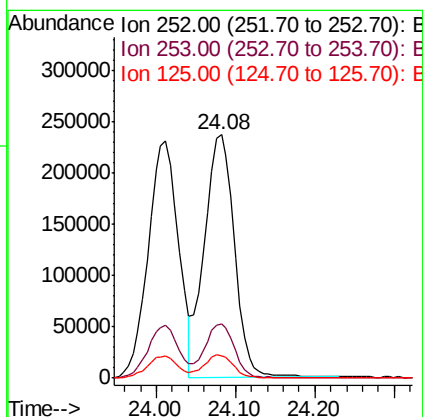
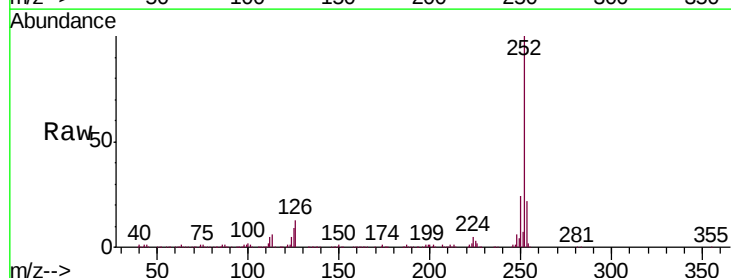
Instrument :  
BNA\_G  
ClientSampleId :  
CHASIS-WASHMSD

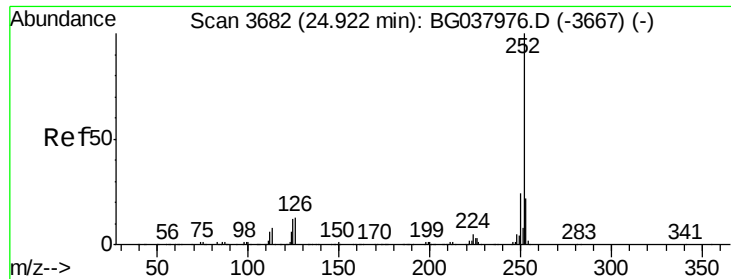
Tgt Ion:252 Resp: 615954  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.2 27.2  
125 9.4 7.8 11.6



#89  
Benzo(k)fluoranthene  
Concen: 53.788 ng  
RT: 24.08 min Scan# 3539  
Delta R.T. -0.01 min  
Lab File: BG038247.D  
Acq: 30 Nov 2018 00:16

Tgt Ion:252 Resp: 623340  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.2  
125 9.1 7.4 11.0





#90

Benzo(a)pyrene

Concen: 53.898 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

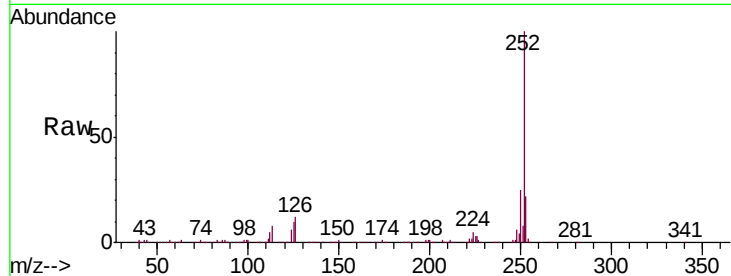
Tgt Ion:252 Resp: 604944

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

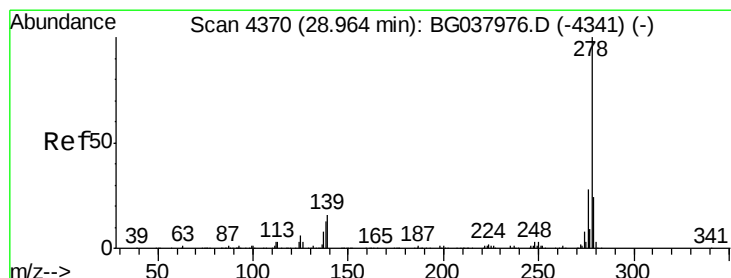
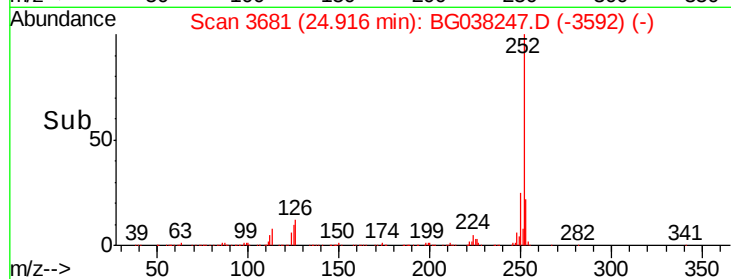
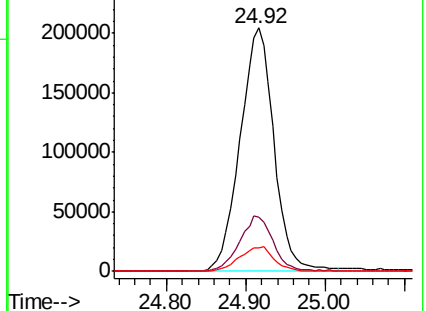
125 9.9 9.0 13.6



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: 50.182 ng

RT: 28.94 min Scan# 4366

Delta R.T. -0.02 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

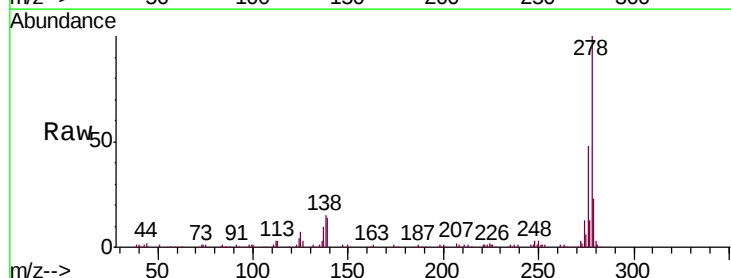
Tgt Ion:278 Resp: 541933

Ion Ratio Lower Upper

278 100

139 14.2 11.5 17.3

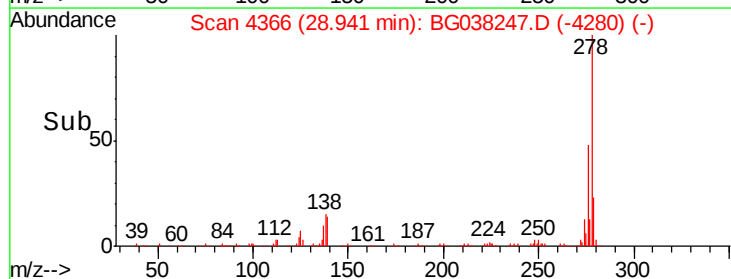
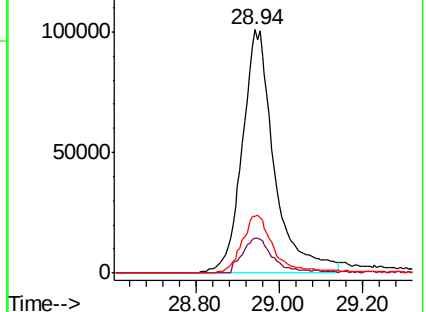
279 23.1 18.6 27.8

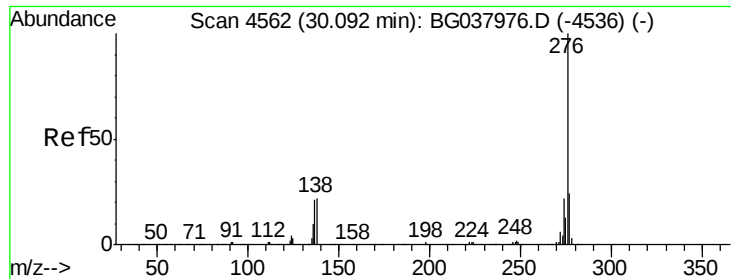


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 48.237 ng

RT: 30.08 min Scan# 4560

Delta R.T. -0.01 min

Lab File: BG038247.D

Acq: 30 Nov 2018 00:16

Instrument :

BNA\_G

ClientSampleId :

CHASIS-WASHMSD

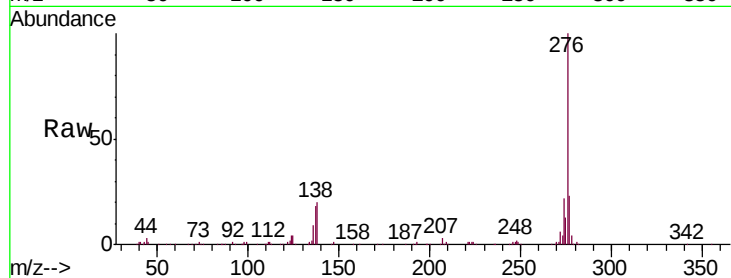
Tgt Ion: 276 Resp: 517967

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 19.9 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

