

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG013019\  
 Data File : BG039340.D  
 Acq On : 30 Jan 2019 23:11  
 Operator : JU/SJ  
 Sample : K1282-04MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

Quant Time: Jan 31 05:44:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 29 15:41:51 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 46601    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.00 | 136  | 201734   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.81 | 164  | 138929   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.55 | 188  | 347549   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.85 | 240  | 351717   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.23 | 264  | 362922   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.72  | 112 | 339693  | 124.76 | ng | 0.00 |
| 7) Phenol-d6             | 7.32  | 99  | 465518  | 116.15 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.36  | 82  | 313569  | 97.10  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.29 | 330 | 212743  | 142.21 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.43 | 172 | 775688  | 80.10  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.14 | 244 | 1330143 | 80.05  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.62  | 88  | 35772  | 30.035 | ng | # 42   |
| 3) Pyridine                    | 4.03  | 79  | 102551 | 32.521 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.93  | 42  | 62231  | 39.461 | ng | 94     |
| 6) Aniline                     | 7.51  | 93  | 50726  | 10.104 | ng | 96     |
| 8) 2-Chlorophenol              | 7.74  | 128 | 122546 | 41.174 | ng | 98     |
| 9) Benzaldehyde                | 7.32  | 77  | 100347 | 56.263 | ng | 93     |
| 10) Phenol                     | 7.35  | 94  | 155253 | 37.160 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.60  | 93  | 124759 | 37.791 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 8.07  | 146 | 133530 | 37.035 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 8.22  | 146 | 136021 | 37.850 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.53  | 146 | 132223 | 38.006 | ng | 96     |
| 15) Benzyl Alcohol             | 8.42  | 79  | 130771 | 41.560 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.70  | 45  | 263043 | 35.283 | ng | 99     |
| 17) 2-Methylphenol             | 8.60  | 107 | 113619 | 42.024 | ng | 99     |
| 18) Hexachloroethane           | 9.27  | 117 | 47976  | 38.804 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.99  | 70  | 106280 | 37.361 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.93  | 107 | 155577 | 41.787 | ng | 98     |
| 22) Acetophenone               | 9.01  | 105 | 198984 | 36.720 | ng | 97     |
| 24) Nitrobenzene               | 9.40  | 77  | 154541 | 44.299 | ng | 98     |
| 25) Isophorone                 | 9.91  | 82  | 313211 | 43.770 | ng | 99     |
| 26) 2-Nitrophenol              | 10.11 | 139 | 66830  | 48.731 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.15 | 122 | 139185 | 48.082 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.40 | 93  | 185470 | 42.079 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.64 | 162 | 142414 | 45.014 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.86 | 180 | 138626 | 39.028 | ng | 98     |
| 31) Naphthalene                | 11.05 | 128 | 413739 | 41.341 | ng | 99     |
| 32) Benzoic acid               | 10.24 | 122 | 55382  | 32.747 | ng | 92     |
| 34) Hexachlorobutadiene        | 11.32 | 225 | 90783  | 38.432 | ng | 94     |
| 35) Caprolactam                | 11.94 | 113 | 23107  | 17.650 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 12.25 | 107 | 158328 | 43.272 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.65 | 142 | 320106 | 43.185 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.86 | 142 | 301911 | 42.254 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 170988 | 38.682 | ng | 99     |
| 41) Hexachlorocyclopentadiene  | 12.97 | 237 | 203209 | 84.365 | ng | 98     |

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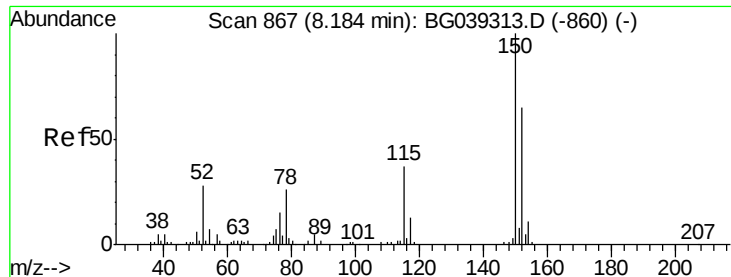
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

Quant Time: Jan 31 05:44:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 29 15:41:51 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 43) 2,4,6-Trichlorophenol      | 13.24 | 196  | 118046   | 43.434 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.31 | 196  | 131728   | 46.244 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.64 | 154  | 427802   | 37.010 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.69 | 162  | 327063   | 37.612 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.89 | 65   | 113562   | 45.900 | ng    | 96       |
| 49) Acenaphthylene             | 14.53 | 152  | 539730   | 41.134 | ng    | 98       |
| 50) Dimethylphthalate          | 14.26 | 163  | 452952   | 40.368 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.38 | 165  | 97685    | 46.776 | ng    | 98       |
| 52) Acenaphthene               | 14.87 | 154  | 338413   | 39.733 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.71 | 138  | 7248     | 8.609  | ng    | # 93     |
| 54) 2,4-Dinitrophenol          | 14.91 | 184  | 42711    | 54.648 | ng    | 96       |
| 55) Dibenzofuran               | 15.20 | 168  | 531617   | 38.929 | ng    | 99       |
| 56) 4-Nitrophenol              | 15.00 | 139  | 159091   | 78.533 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.16 | 165  | 134403   | 49.703 | ng    | 92       |
| 58) Fluorene                   | 15.85 | 166  | 426162   | 41.863 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.42 | 232  | 129710   | 48.633 | ng    | 100      |
| 60) Diethylphthalate           | 15.61 | 149  | 467168   | 40.269 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.84 | 204  | 223923   | 38.847 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.87 | 138  | 91801    | 39.803 | ng    | 96       |
| 63) Azobenzene                 | 16.13 | 77   | 432026   | 38.101 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.92 | 198  | 45022    | 36.617 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 16.05 | 169  | 405354   | 38.358 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.73 | 248  | 147018   | 38.130 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.84 | 284  | 149732   | 38.707 | ng    | 95       |
| 69) Atrazine                   | 16.99 | 200  | 162825   | 42.162 | ng    | 96       |
| 70) Pentachlorophenol          | 17.19 | 266  | 174814   | 65.020 | ng    | 98       |
| 71) Phenanthrene               | 17.59 | 178  | 731036   | 40.640 | ng    | 100      |
| 72) Anthracene                 | 17.68 | 178  | 748275   | 42.232 | ng    | 98       |
| 73) Carbazole                  | 17.95 | 167  | 664649   | 37.588 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.49 | 149  | 810956   | 39.311 | ng    | 100      |
| 75) Fluoranthene               | 19.59 | 202  | 892662   | 42.755 | ng    | 99       |
| 77) Benzidine                  | 19.77 | 184  | 82891    | 7.188  | ng    | 98       |
| 78) Pyrene                     | 19.95 | 202  | 898716   | 41.046 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.83 | 149  | 378853   | 41.018 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.82 | 228  | 879823   | 42.334 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.73 | 252  | 47872    | 6.212  | ng    | 98       |
| 83) Chrysene                   | 21.89 | 228  | 818805   | 41.388 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.70 | 149  | 518696   | 39.364 | ng    | # 100    |
| 85) Di-n-octyl phthalate       | 22.97 | 149  | 905478   | 41.594 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.14 | 276  | 972883   | 45.834 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 24.15 | 252  | 863752   | 43.641 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.22 | 252  | 834640   | 42.003 | ng    | 99       |
| 90) Benzo(a)pyrene             | 25.07 | 252  | 842986   | 44.225 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.21 | 278  | 783000   | 43.863 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 30.37 | 276  | 801616   | 45.054 | ng    | 98       |
| -----                          |       |      |          |        |       |          |

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



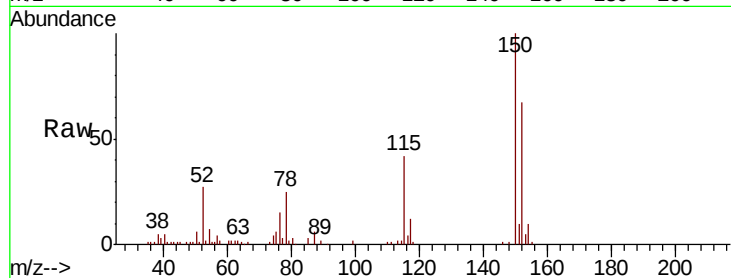


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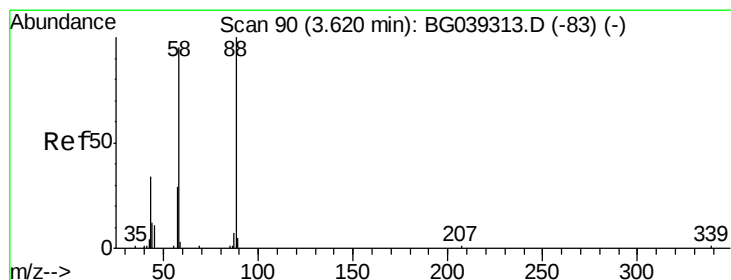
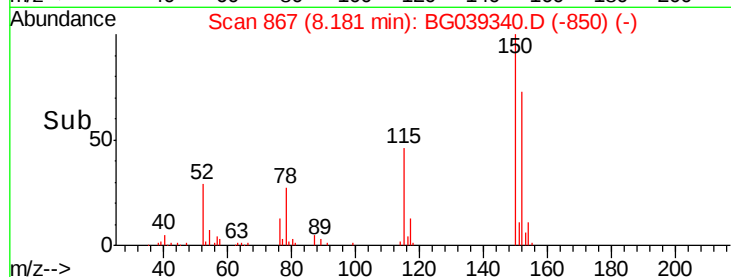
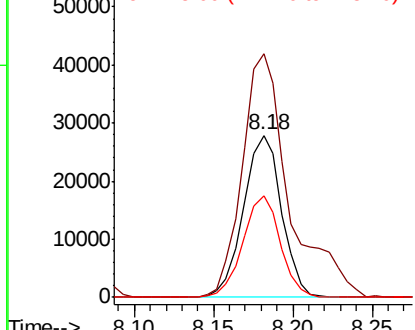
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.18 min Scan# 867  
Delta R.T. -0.00 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

Tgt Ion: 152 Resp: 46601  
Ion Ratio Lower Upper  
152 100  
150 150.2 123.7 185.5  
115 62.9 45.9 68.9



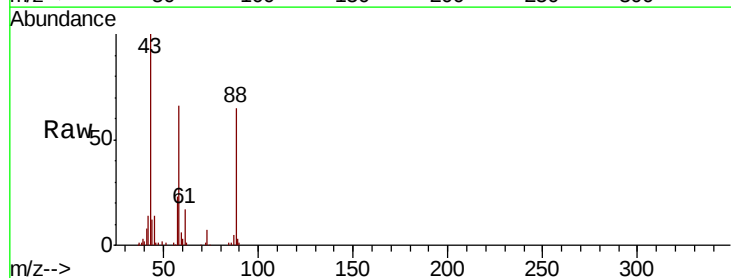
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



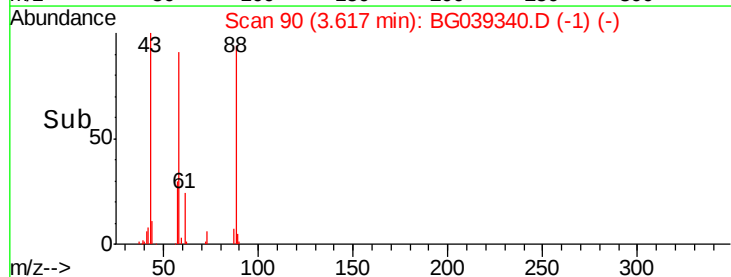
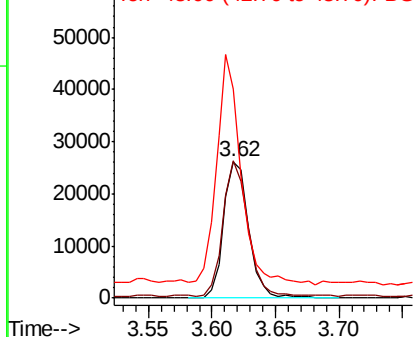
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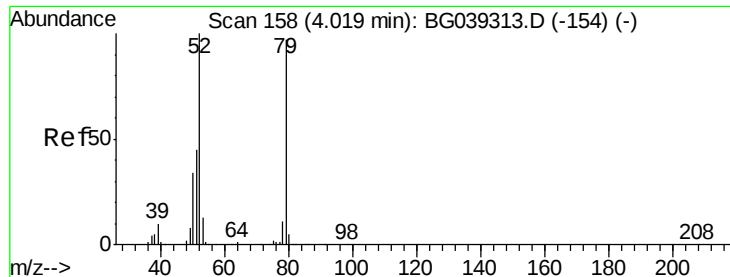
1,4-Dioxane  
Concen: 30.035 ng  
RT: 3.62 min Scan# 90  
Delta R.T. -0.00 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Tgt Ion: 88 Resp: 35772  
Ion Ratio Lower Upper  
88 100  
58 100.6 81.1 121.7  
43 165.2 31.4 47.0#



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





#3

Pyridine

Concen: 32.521 ng

RT: 4.03 min Scan# 160

Delta R.T. 0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

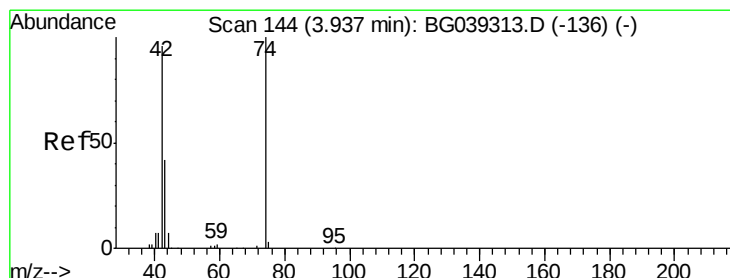
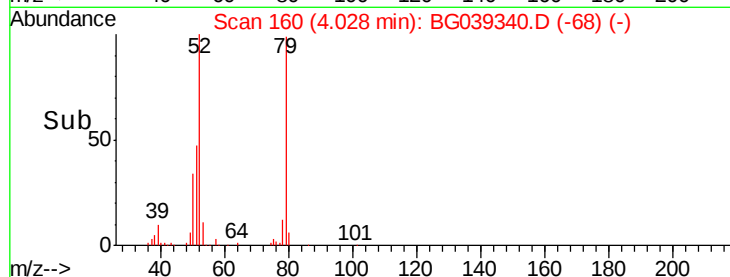
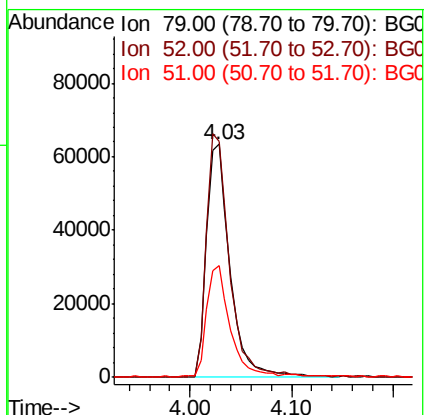
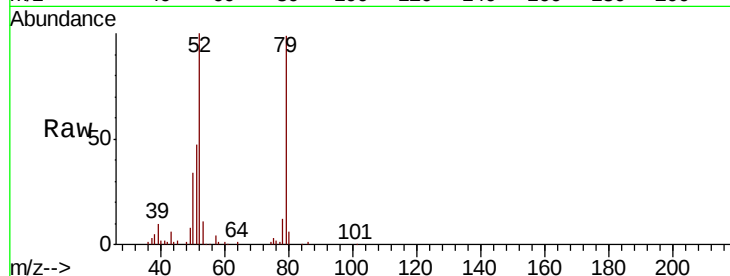
Tgt Ion: 79 Resp: 102551

Ion Ratio Lower Upper

79 100

52 101.2 82.6 124.0

51 47.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 39.461 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

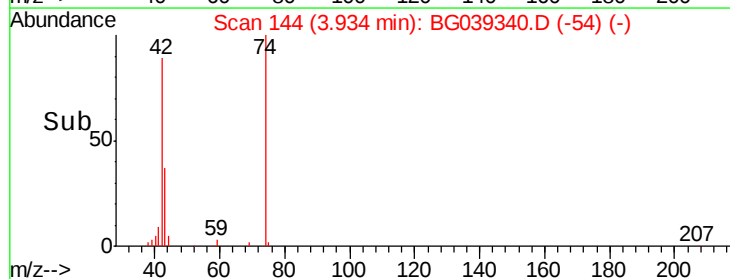
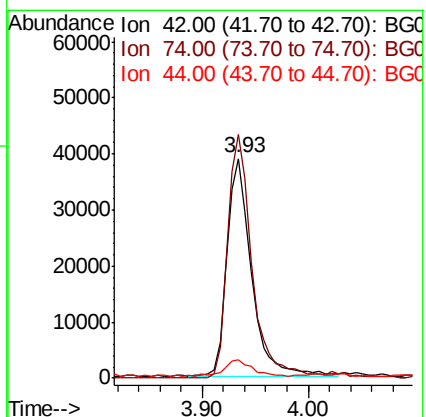
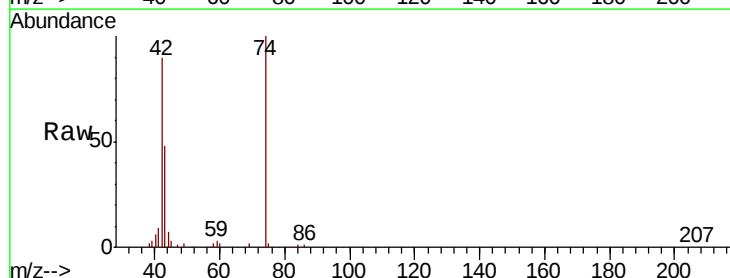
Tgt Ion: 42 Resp: 62231

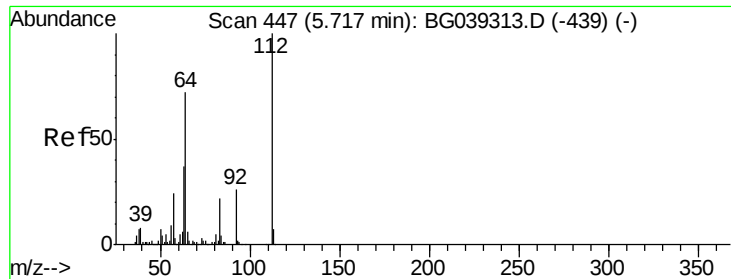
Ion Ratio Lower Upper

42 100

74 110.8 83.6 125.4

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 124.759 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

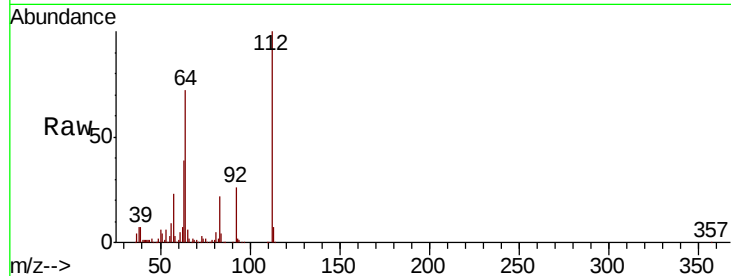
Tgt Ion: 112 Resp: 339693

Ion Ratio Lower Upper

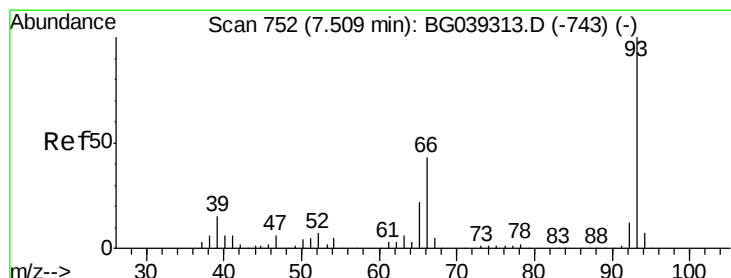
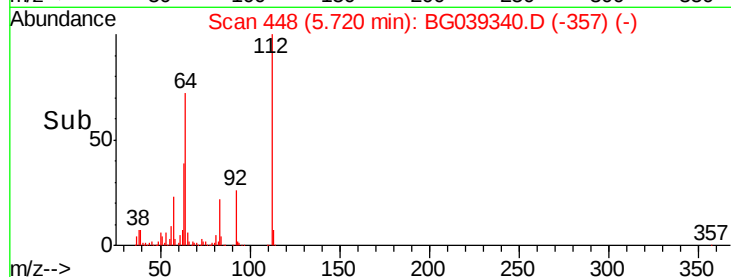
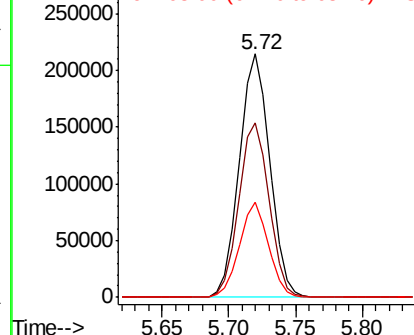
112 100

64 71.9 57.8 86.8

63 39.1 29.8 44.6



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



#6

Aniline

Concen: 10.104 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

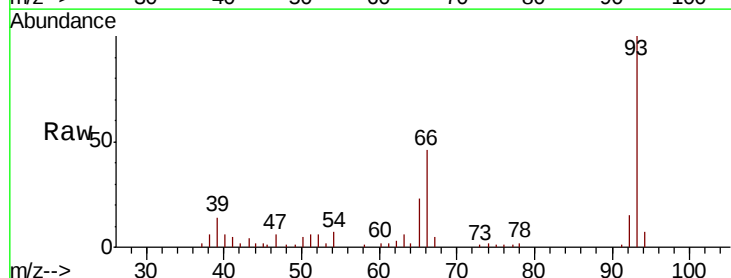
Tgt Ion: 93 Resp: 50726

Ion Ratio Lower Upper

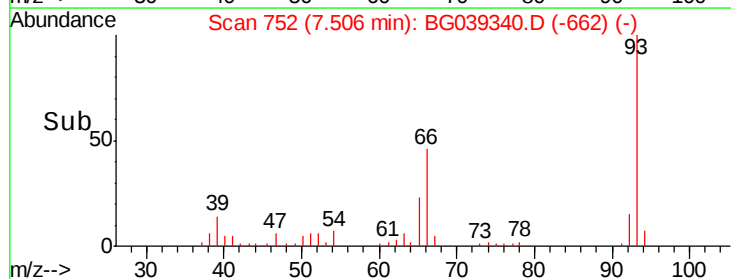
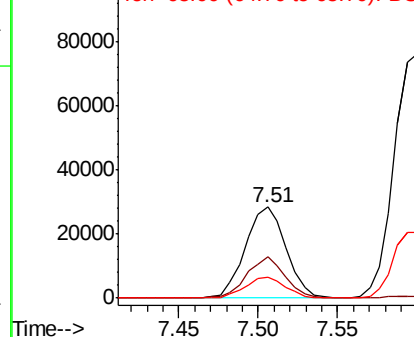
93 100

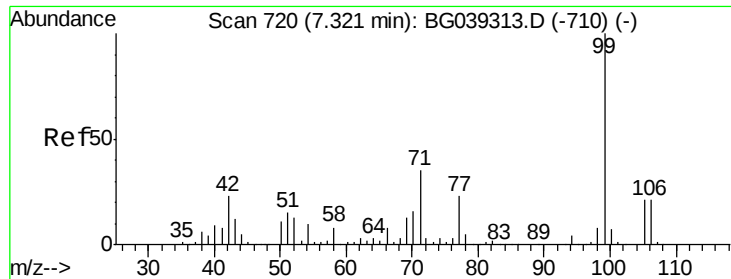
66 45.8 34.2 51.4

65 23.1 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.150 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

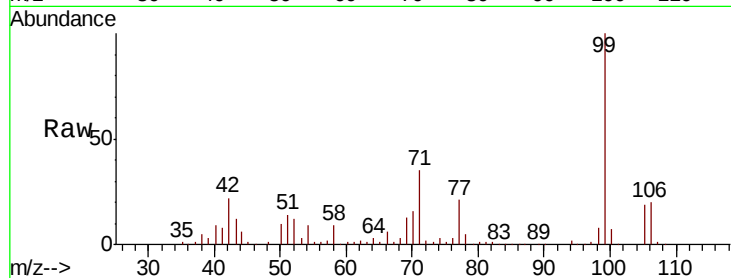
Tgt Ion: 99 Resp: 465518

Ion Ratio Lower Upper

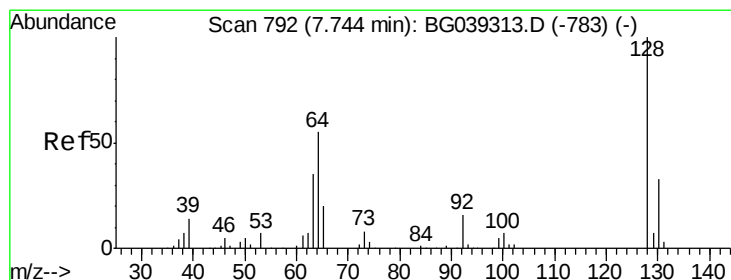
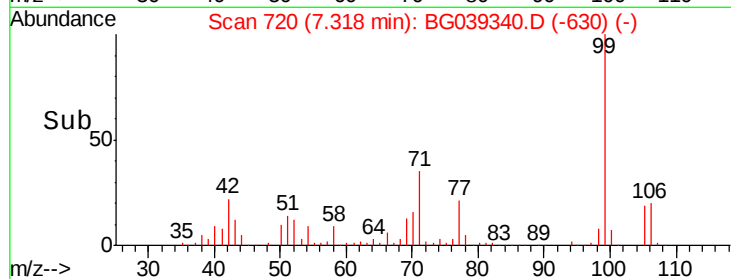
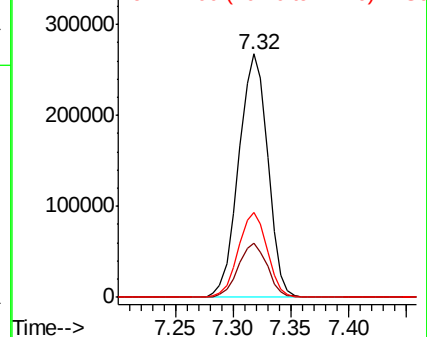
99 100

42 22.1 18.2 27.2

71 34.8 28.0 42.0



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



#8

2-Chlorophenol

Concen: 41.174 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

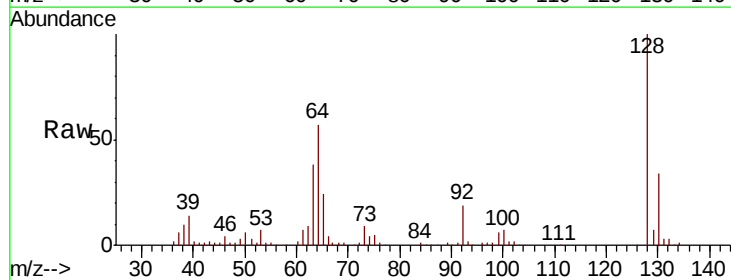
Tgt Ion: 128 Resp: 122546

Ion Ratio Lower Upper

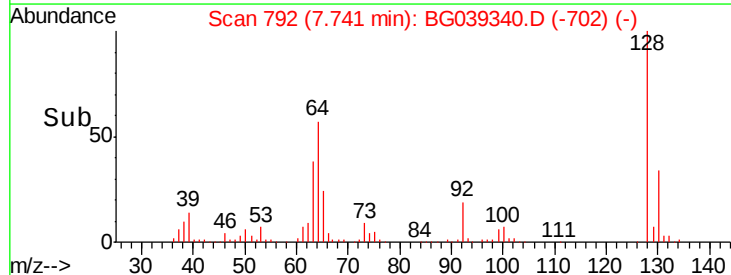
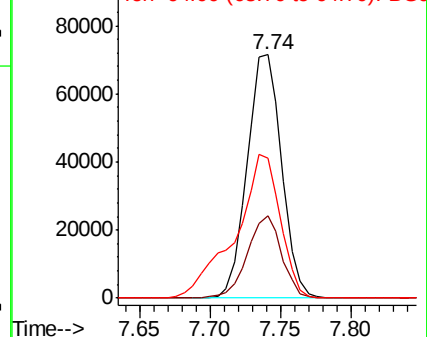
128 100

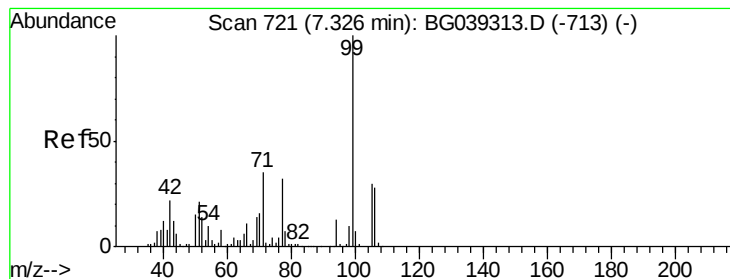
130 33.7 12.9 52.9

64 57.4 38.7 78.7



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: 56.263 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

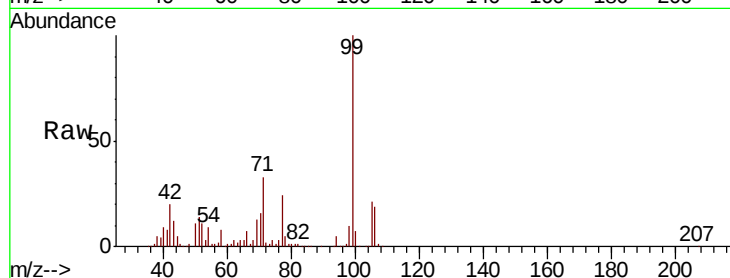
Tgt Ion: 77 Resp: 100347

Ion Ratio Lower Upper

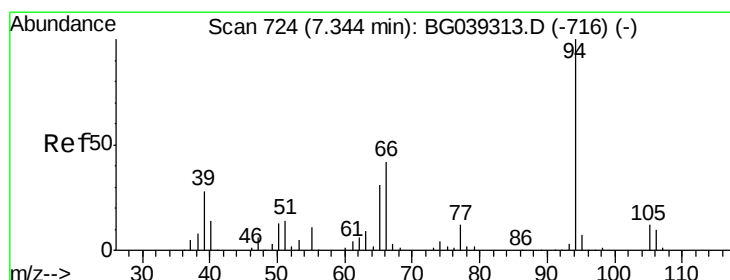
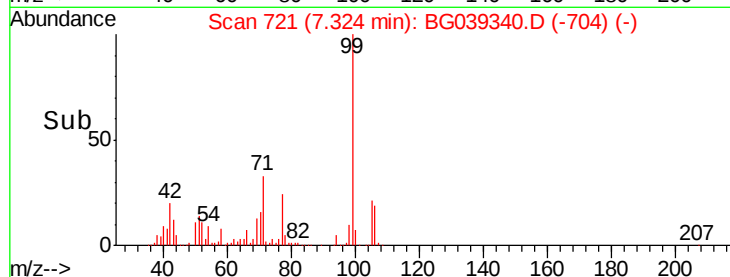
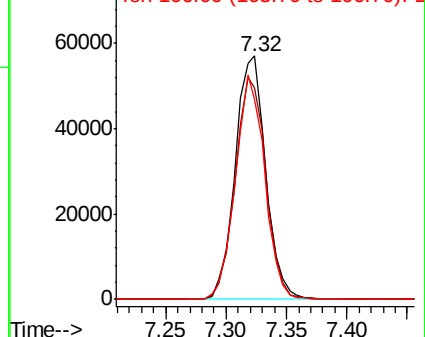
77 100

105 87.0 74.5 114.5

106 82.0 68.0 108.0



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



#10

Phenol

Concen: 37.160 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

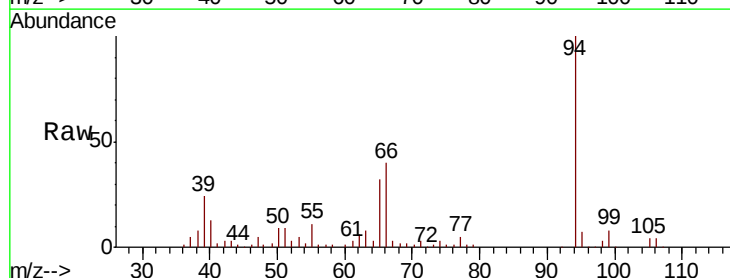
Tgt Ion: 94 Resp: 155253

Ion Ratio Lower Upper

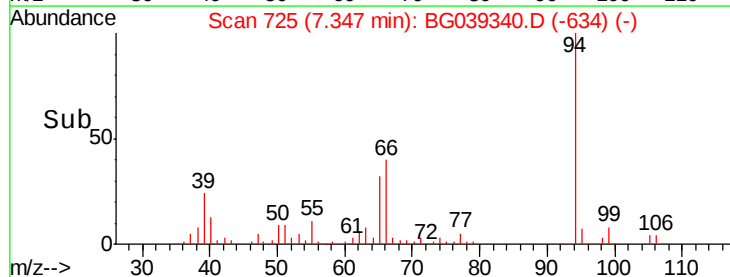
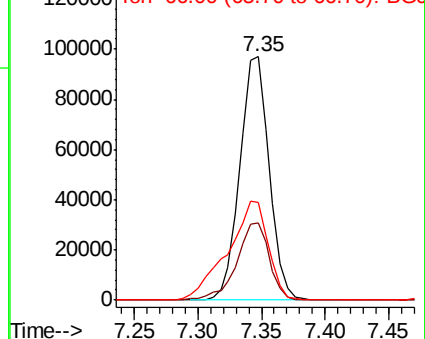
94 100

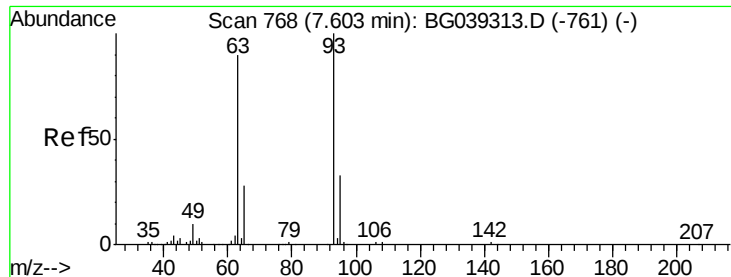
65 31.7 11.7 51.7

66 40.0 23.7 63.7



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

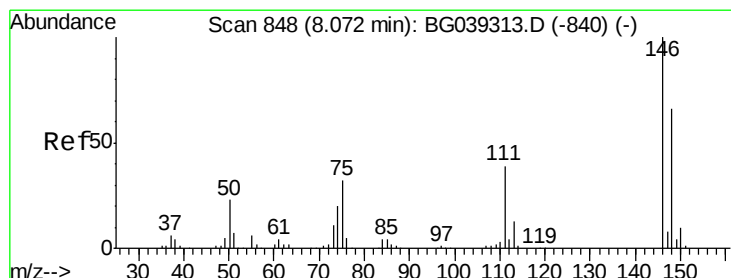
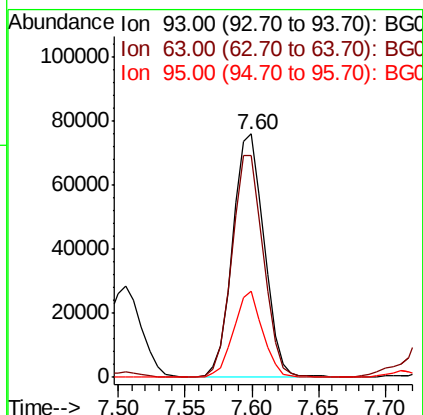
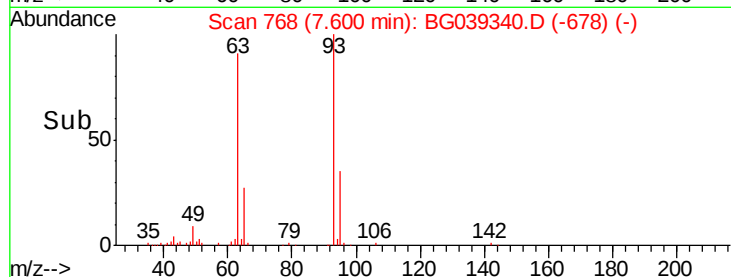
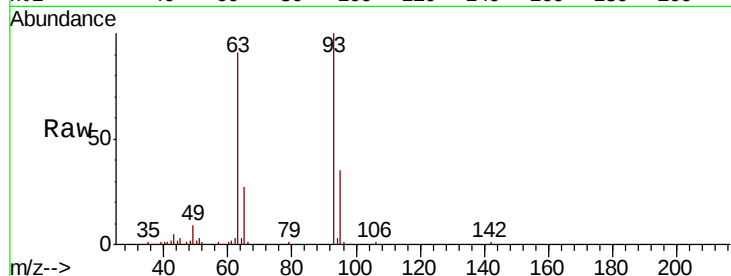




#11  
 bis(2-Chloroethyl)ether  
 Concen: 37.791 ng  
 RT: 7.60 min Scan# 768  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

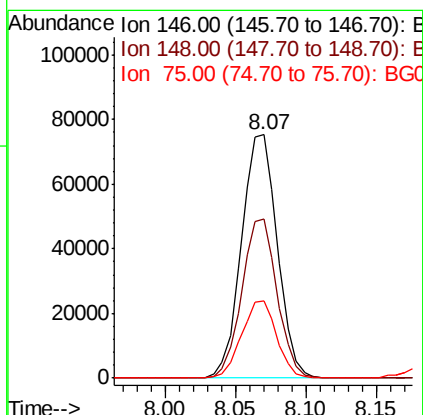
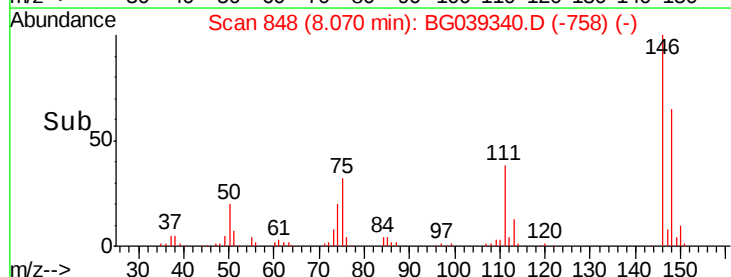
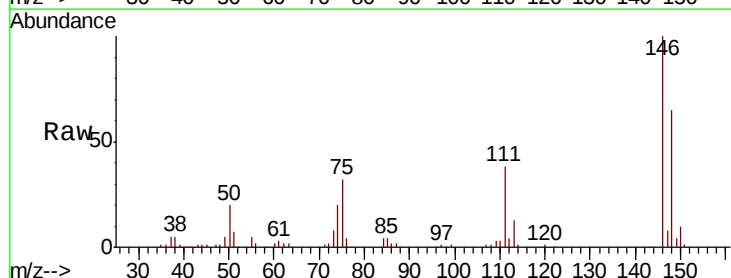
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

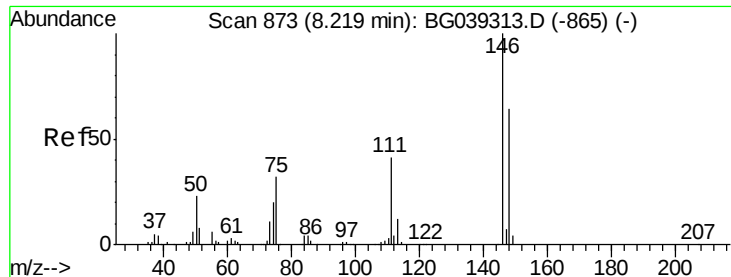
Tgt Ion: 93 Resp: 124759  
 Ion Ratio Lower Upper  
 93 100  
 63 91.0 69.5 109.5  
 95 35.2 12.7 52.7



#12  
 1,3-Dichlorobenzene  
 Concen: 37.035 ng  
 RT: 8.07 min Scan# 848  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Tgt Ion: 146 Resp: 133530  
 Ion Ratio Lower Upper  
 146 100  
 148 65.5 52.6 79.0  
 75 31.8 25.8 38.6

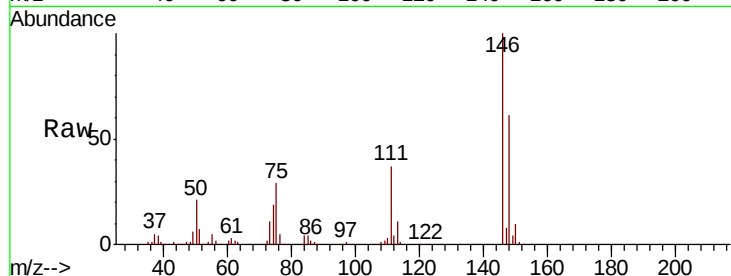




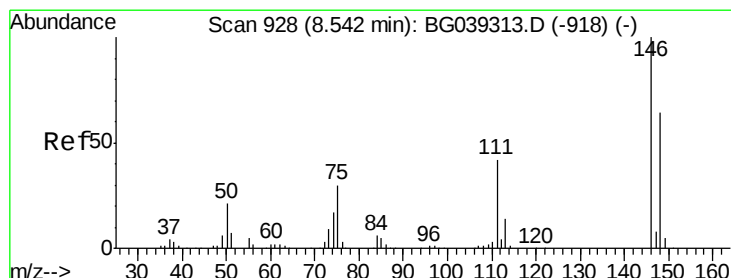
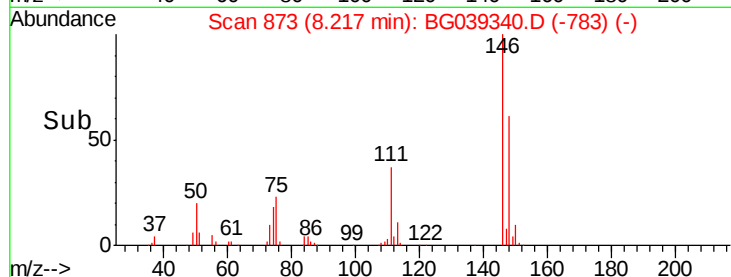
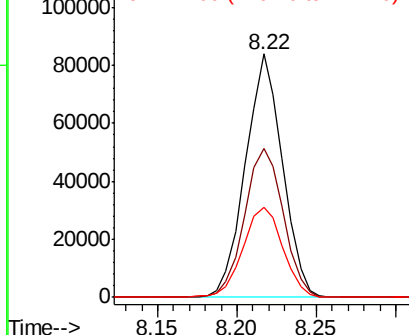
#13  
 1,4-Dichlorobenzene  
 Concen: 37.850 ng  
 RT: 8.22 min Scan# 873  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

Tgt Ion:146 Resp: 136021  
 Ion Ratio Lower Upper  
 146 100  
 148 61.0 51.1 76.7  
 111 36.9 32.6 48.8

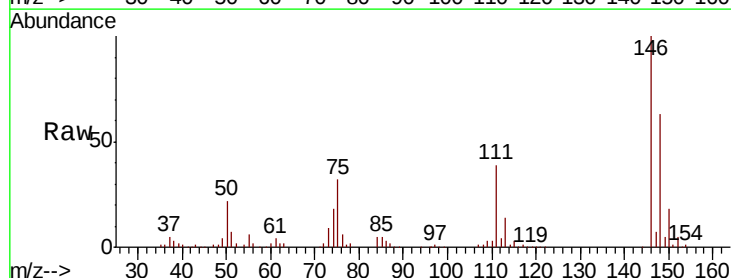


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

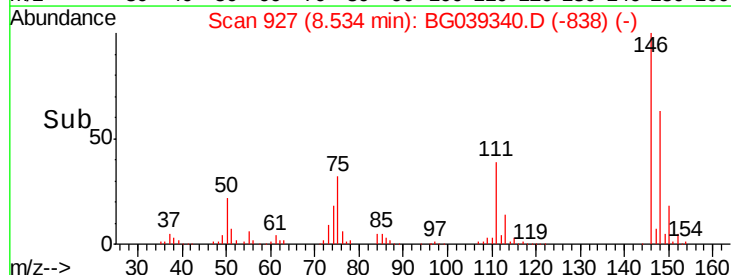
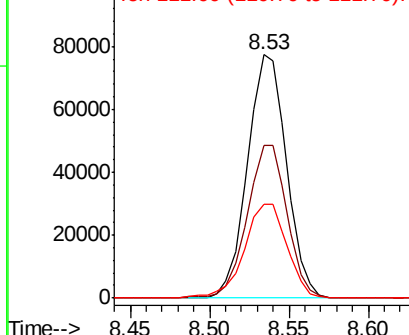


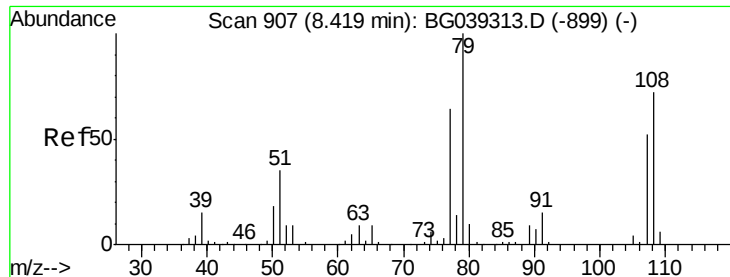
#14  
 1,2-Dichlorobenzene  
 Concen: 38.006 ng  
 RT: 8.53 min Scan# 927  
 Delta R.T. -0.01 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Tgt Ion:146 Resp: 132223  
 Ion Ratio Lower Upper  
 146 100  
 148 62.8 51.5 77.3  
 111 38.5 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 41.560 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

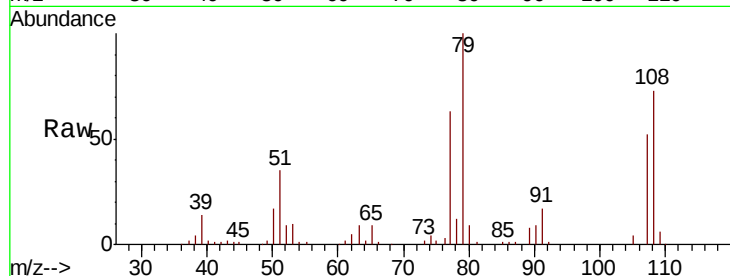
Tgt Ion: 79 Resp: 130771

Ion Ratio Lower Upper

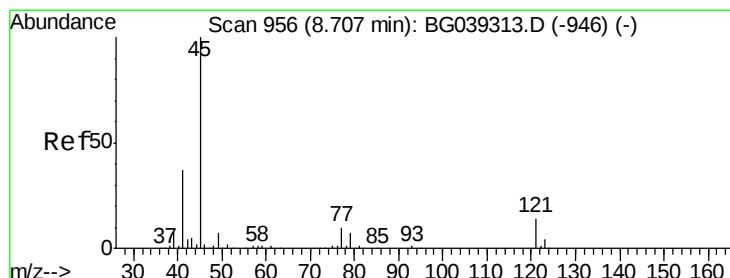
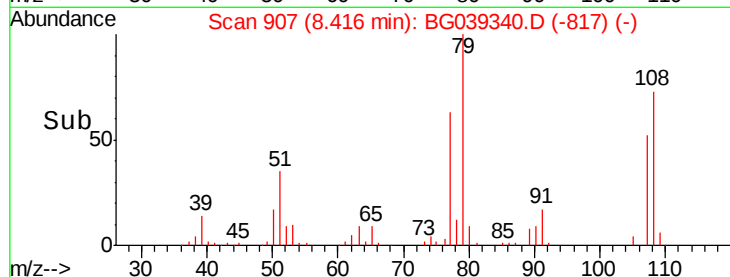
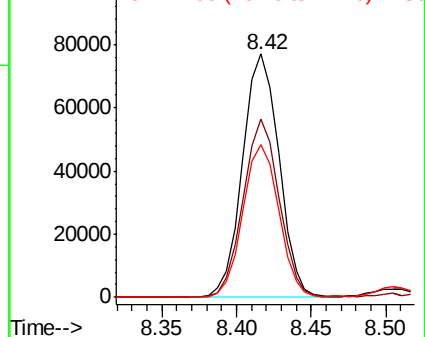
79 100

108 73.4 57.8 86.6

77 62.9 51.1 76.7



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: 35.283 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

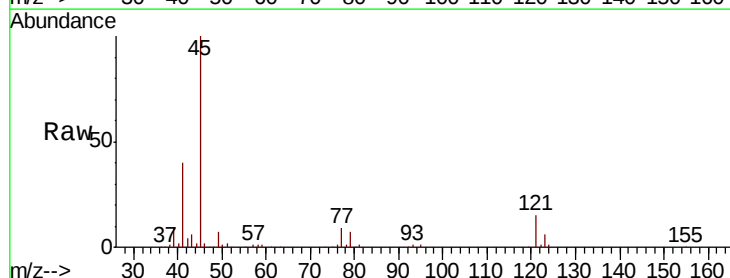
Tgt Ion: 45 Resp: 263043

Ion Ratio Lower Upper

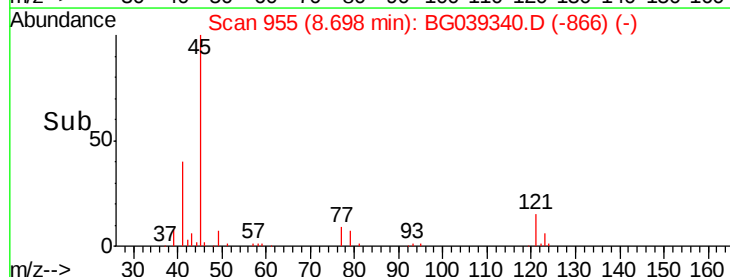
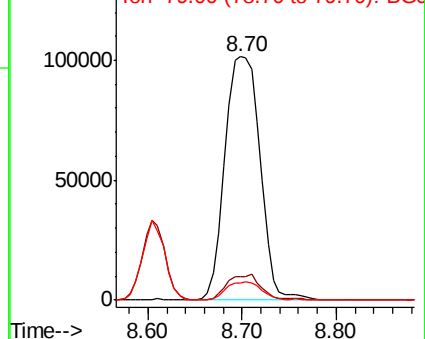
45 100

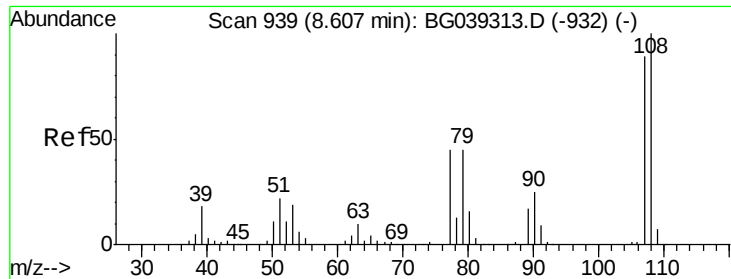
77 9.5 0.0 30.0

79 7.1 0.0 27.5



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

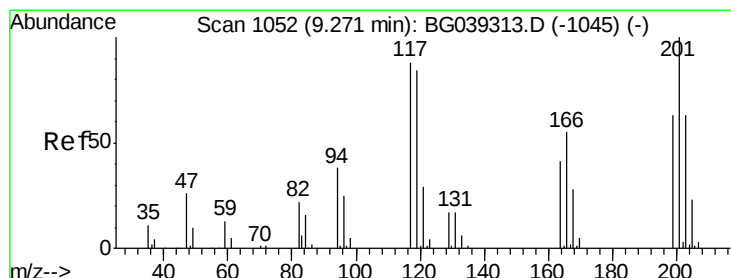
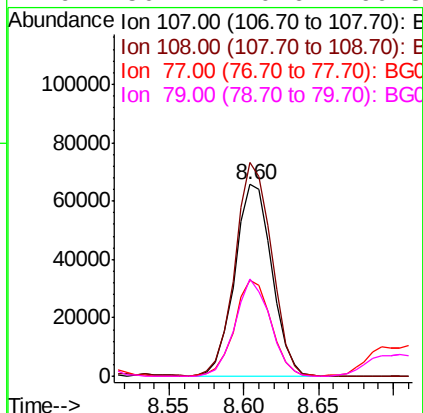
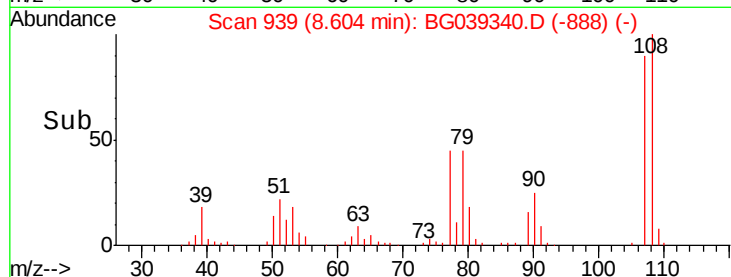
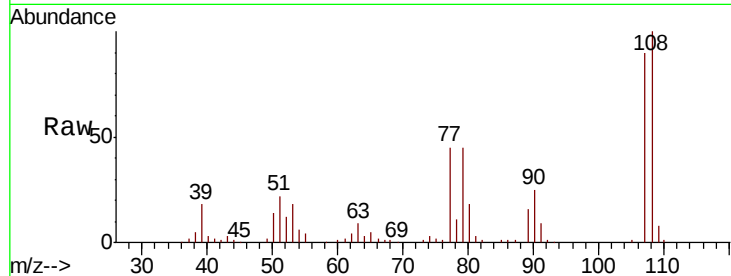




#17  
2-Methylphenol  
Concen: 42.024 ng  
RT: 8.60 min Scan# 939  
Delta R.T. -0.00 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

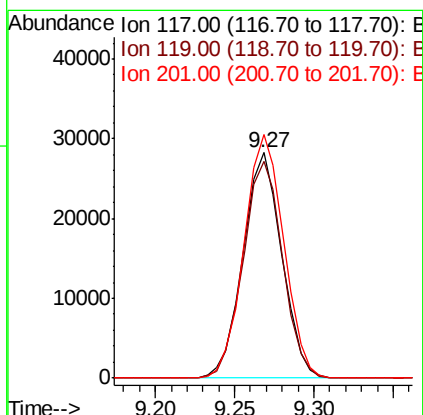
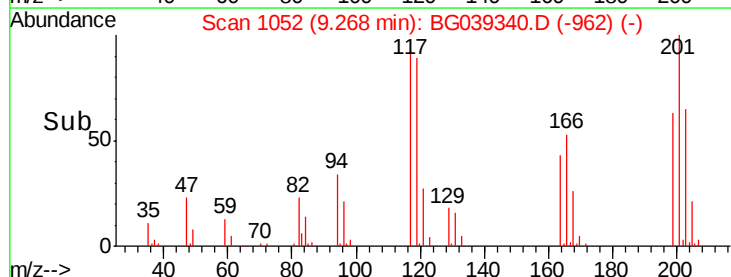
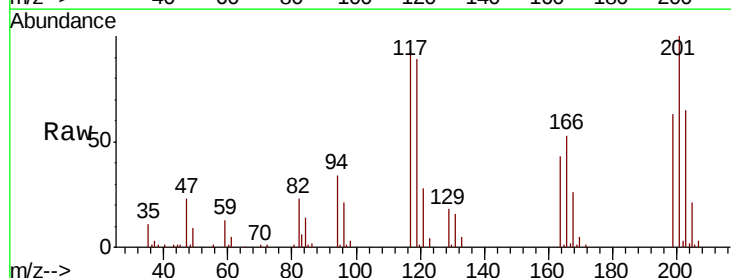
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

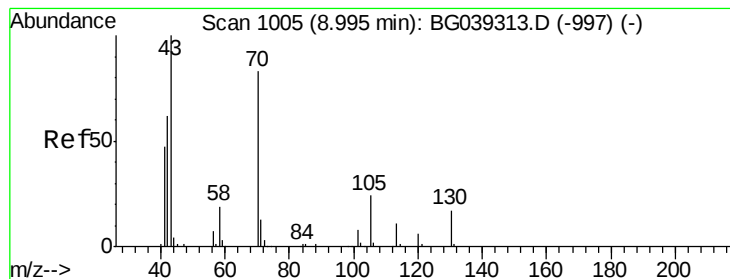
Tgt Ion:107 Resp: 113619  
Ion Ratio Lower Upper  
107 100  
108 111.3 90.8 136.2  
77 50.3 40.7 61.1  
79 50.4 40.6 60.8



#18  
Hexachloroethane  
Concen: 38.804 ng  
RT: 9.27 min Scan# 1052  
Delta R.T. -0.00 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Tgt Ion:117 Resp: 47976  
Ion Ratio Lower Upper  
117 100  
119 96.1 76.3 114.5  
201 108.2 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.361 ng

RT: 8.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

Tgt Ion: 70 Resp: 106280

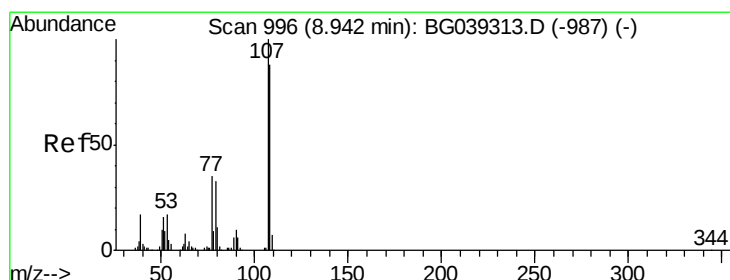
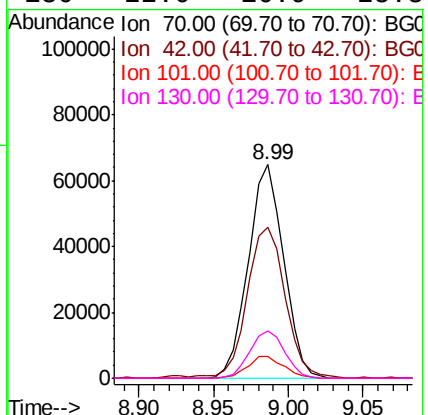
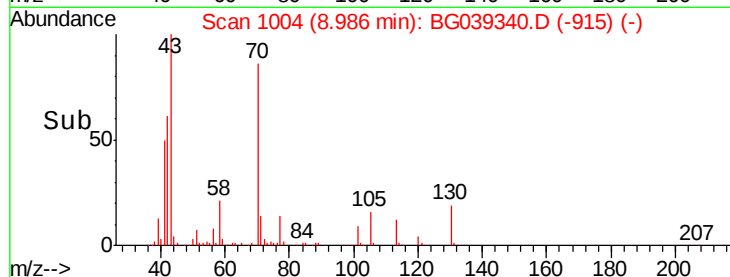
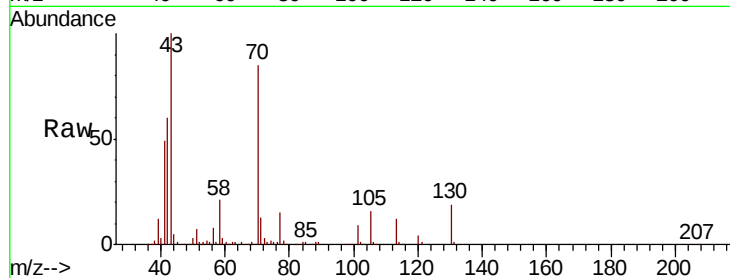
Ion Ratio Lower Upper

70 100

42 70.6 60.4 90.6

101 10.1 7.5 11.3

130 22.0 16.9 25.3



#20

3+4-Methylphenols

Concen: 41.787 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion: 107 Resp: 155577

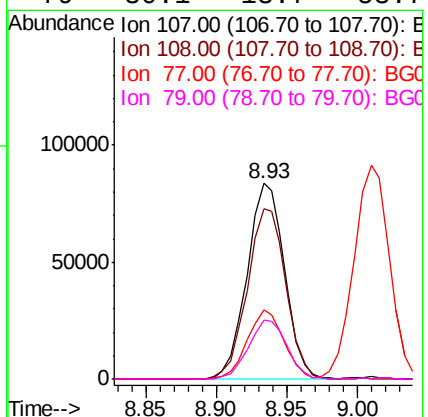
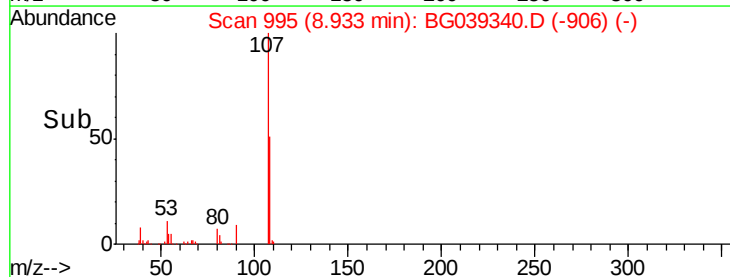
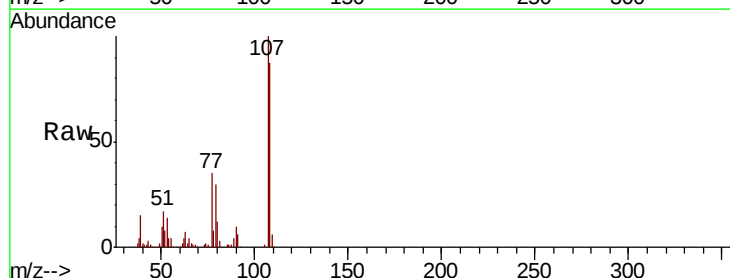
Ion Ratio Lower Upper

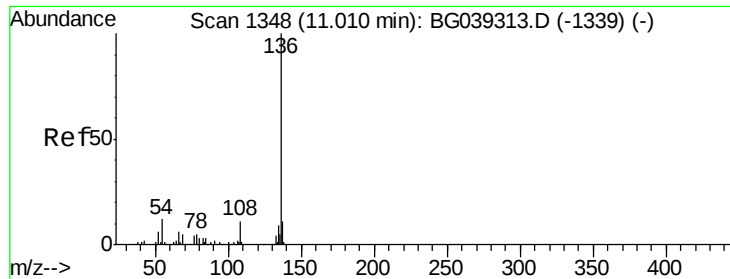
107 100

108 86.7 67.9 107.9

77 35.1 15.4 55.4

79 30.1 13.7 53.7

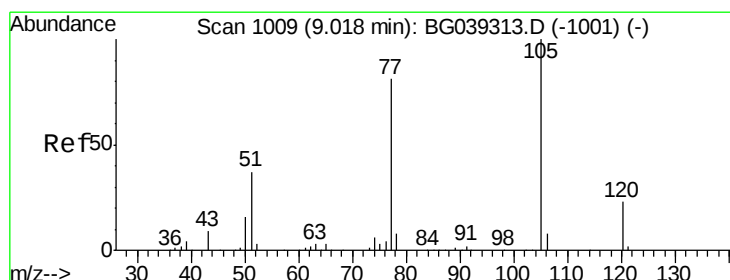
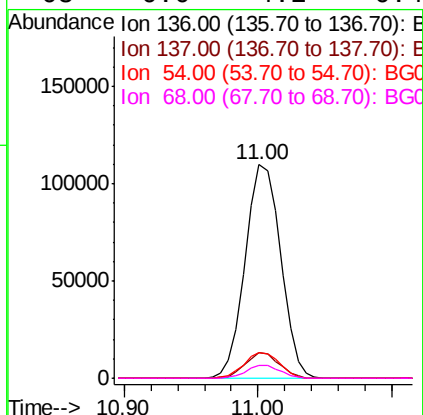
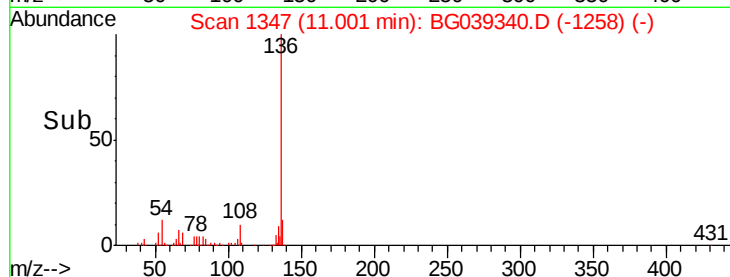
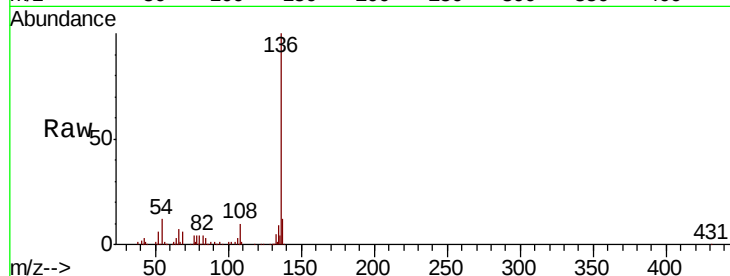




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.00 min Scan# 1347  
Delta R.T. -0.01 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

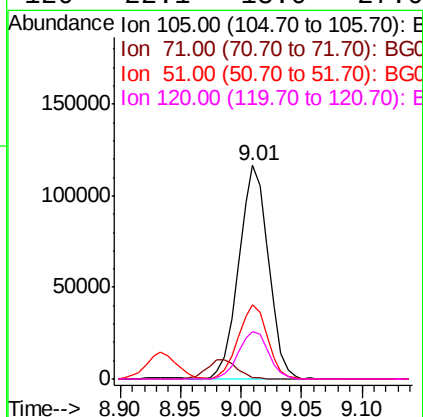
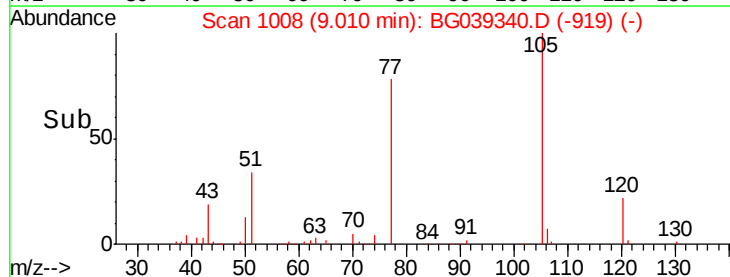
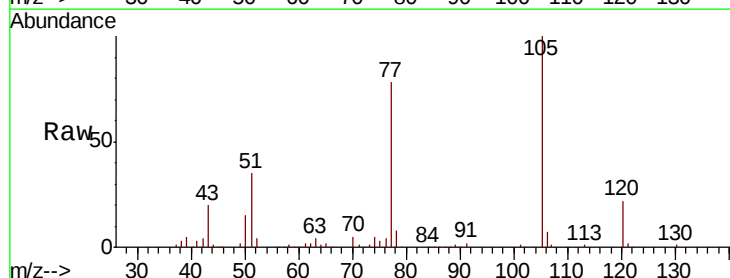
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

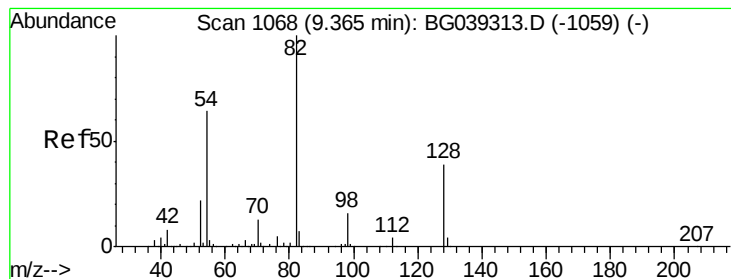
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 201734 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.8  | 9.1   | 13.7   |
| 54       | 12.0  | 9.4   | 14.2   |
| 68       | 6.0   | 4.2   | 6.4    |



#22  
Acetophenone  
Concen: 36.720 ng  
RT: 9.01 min Scan# 1008  
Delta R.T. -0.01 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 198984 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.9   | 0.8   | 1.2    |
| 51       | 34.8  | 30.2  | 45.2   |
| 120      | 22.1  | 18.0  | 27.0   |





#23

Nitrobenzene-d5

Concen: 97.104 ng

RT: 9.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

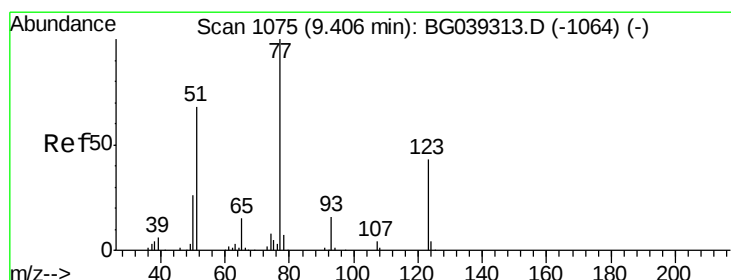
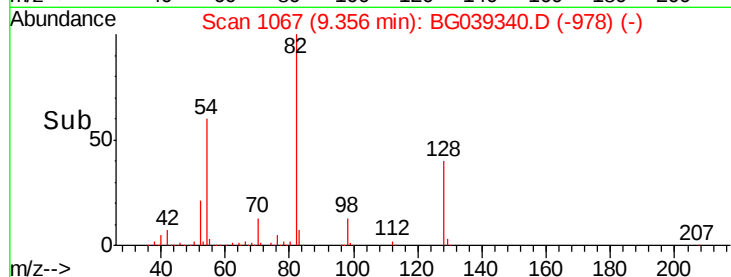
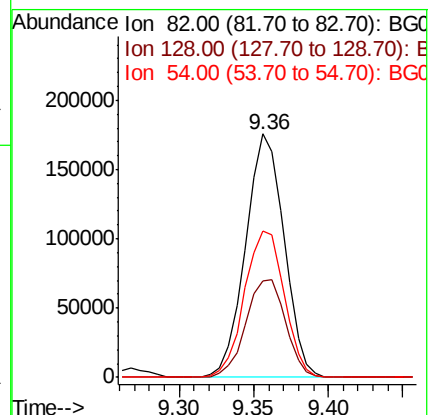
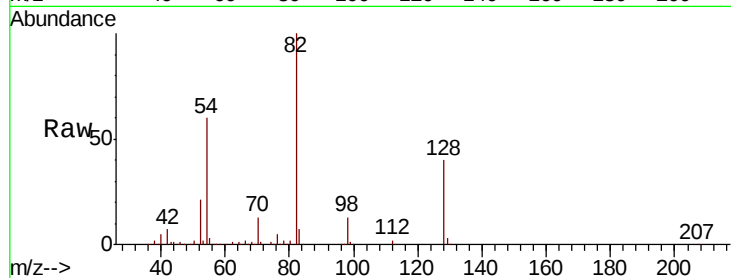
Tgt Ion: 82 Resp: 313569

Ion Ratio Lower Upper

82 100

128 39.8 31.3 46.9

54 60.2 50.9 76.3



#24

Nitrobenzene

Concen: 44.299 ng

RT: 9.40 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

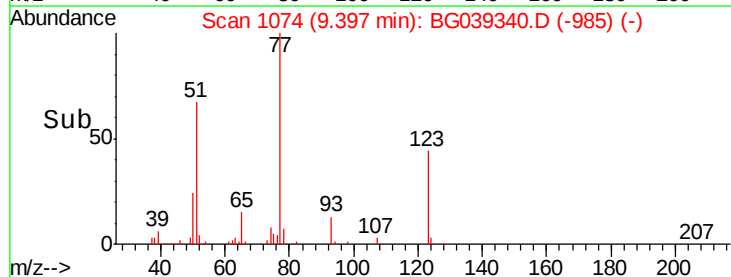
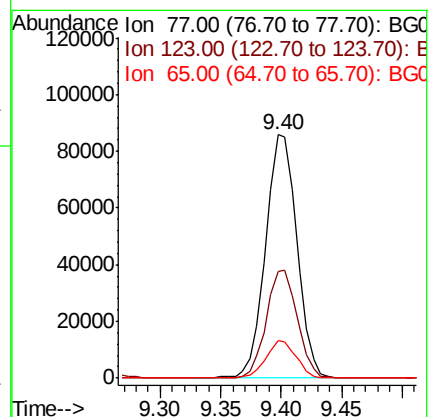
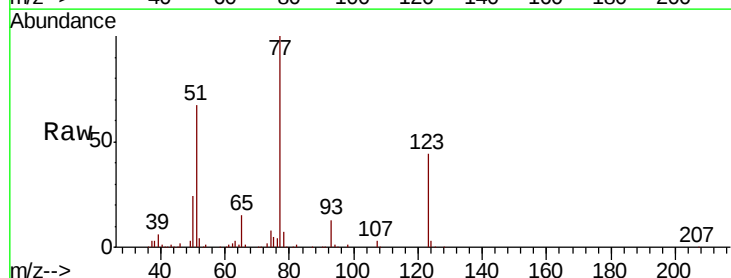
Tgt Ion: 77 Resp: 154541

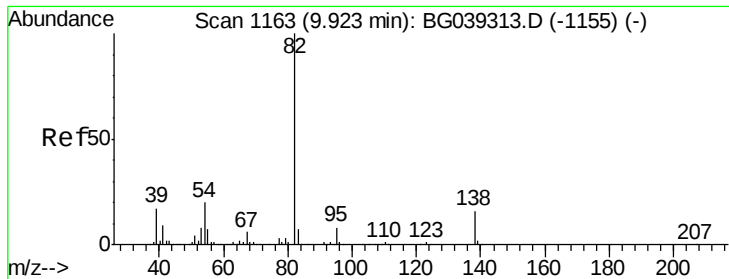
Ion Ratio Lower Upper

77 100

123 44.1 34.1 51.1

65 15.3 12.3 18.5





#25

Isophorone

Concen: 43.770 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

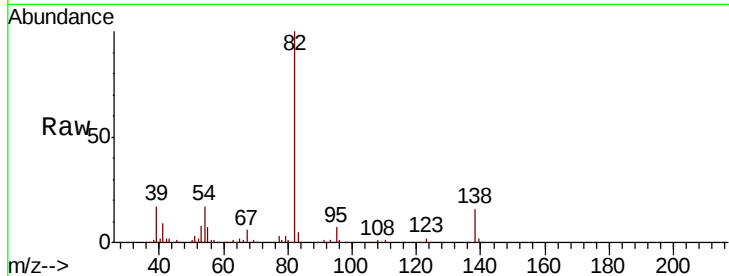
Tgt Ion: 82 Resp: 313211

Ion Ratio Lower Upper

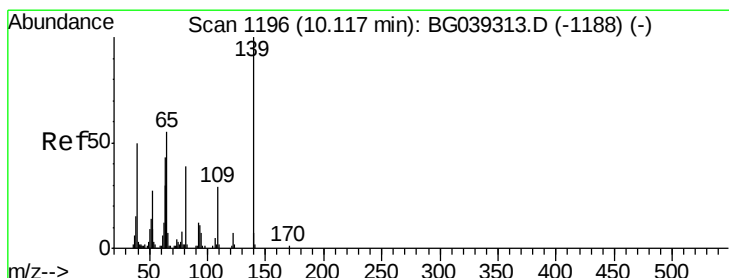
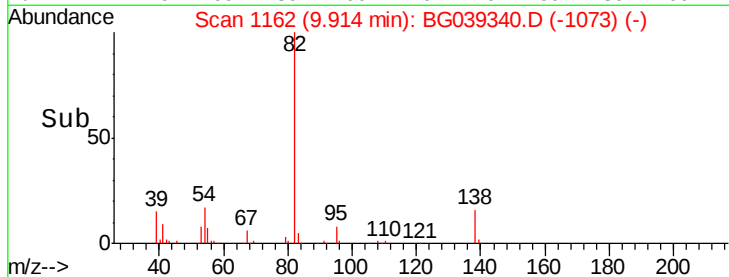
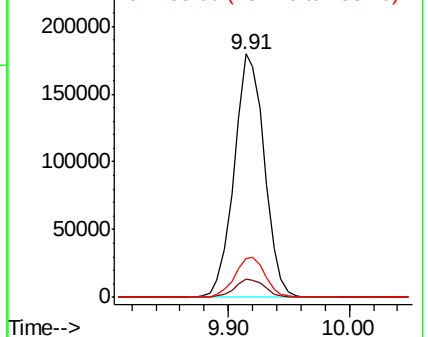
82 100

95 7.4 6.2 9.2

138 16.0 13.0 19.4



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: 48.731 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

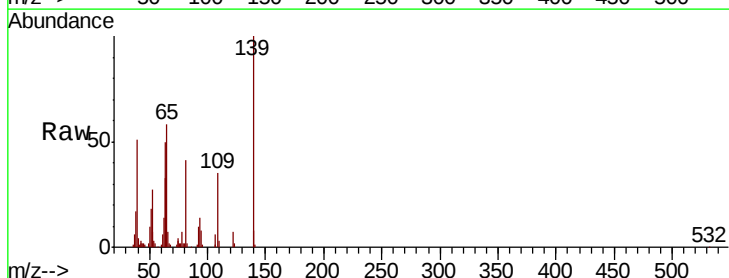
Tgt Ion: 139 Resp: 66830

Ion Ratio Lower Upper

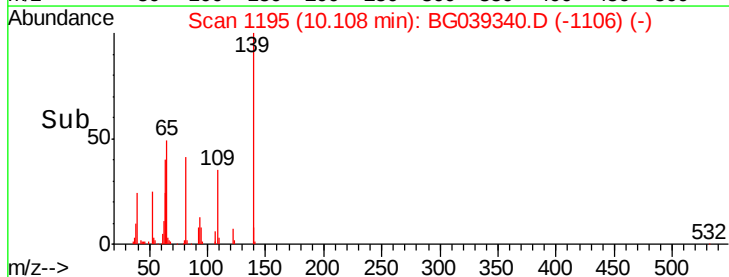
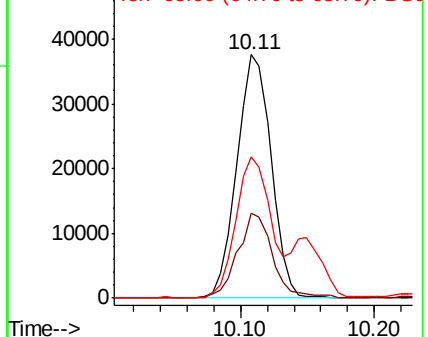
139 100

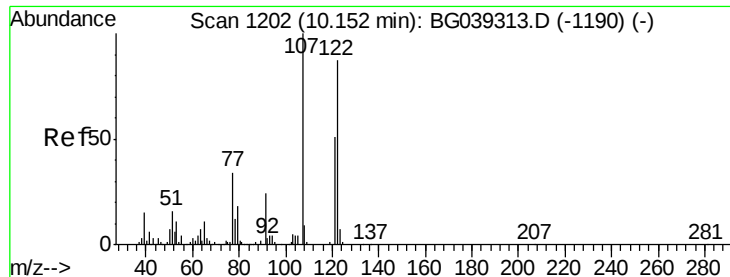
109 35.0 23.4 35.0

65 58.0 44.3 66.5



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

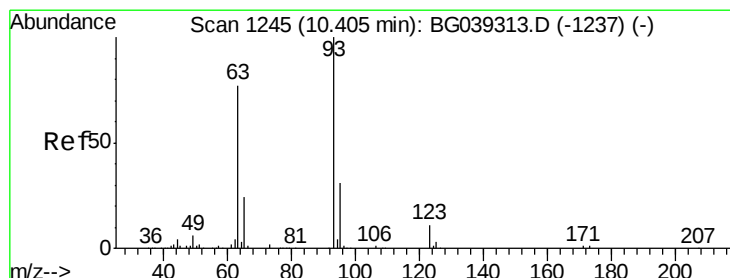
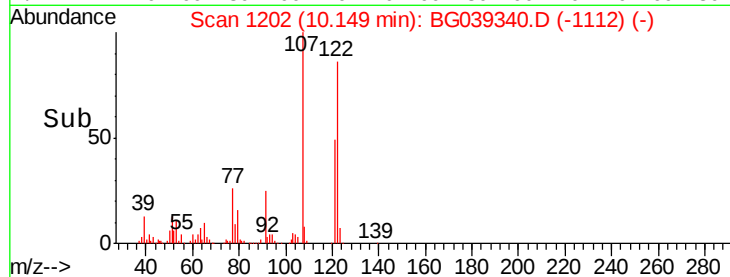
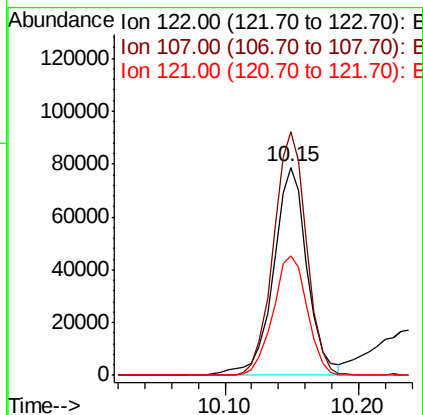
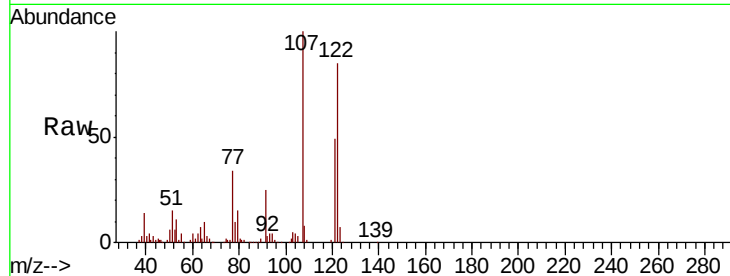




#27  
 2,4-Dimethylphenol  
 Concen: 48.082 ng  
 RT: 10.15 min Scan# 1202  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

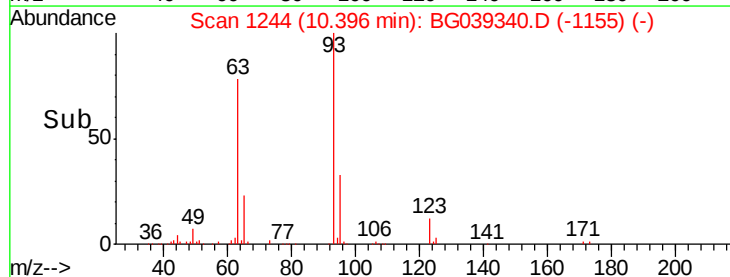
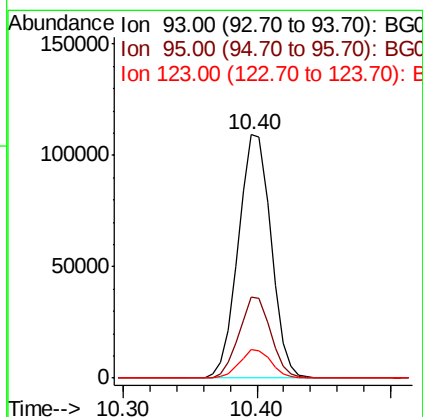
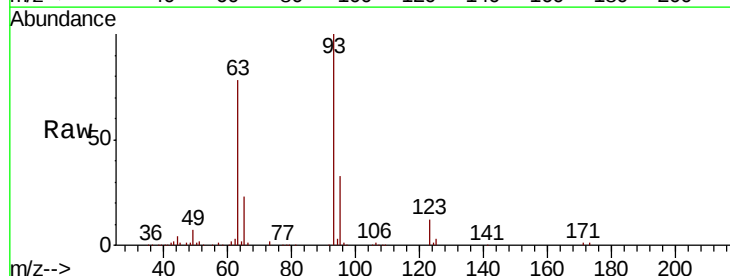
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

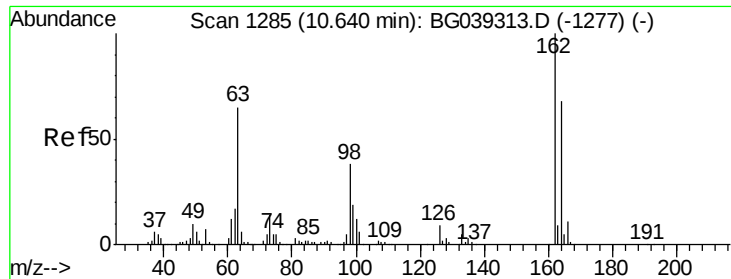
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.1 | 91.7  | 137.5 |
| 121     | 57.5  | 46.4  | 69.6  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.079 ng  
 RT: 10.40 min Scan# 1244  
 Delta R.T. -0.01 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 25.0  | 37.4  |
| 123     | 11.6  | 8.6   | 12.8  |

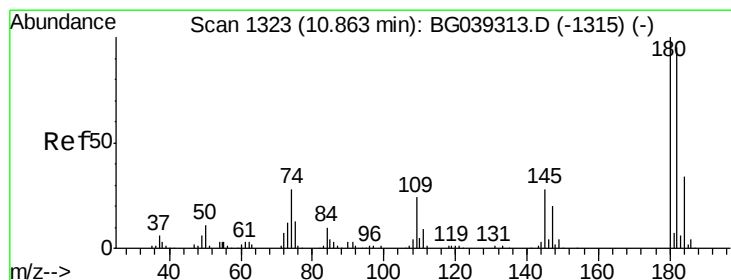
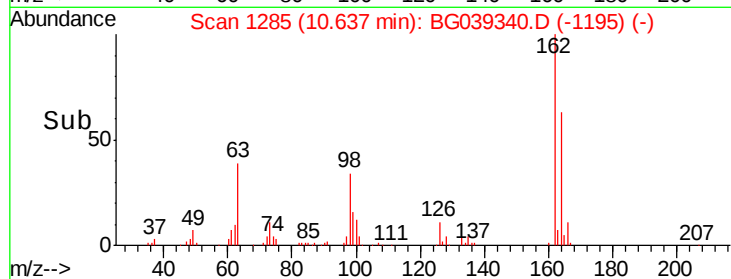
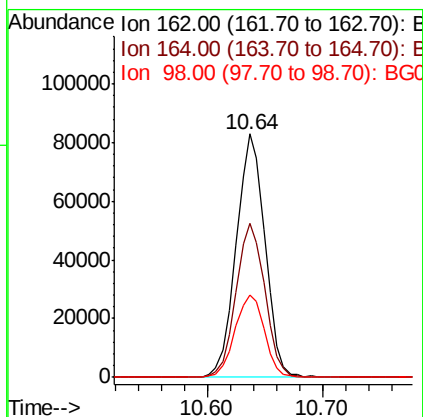
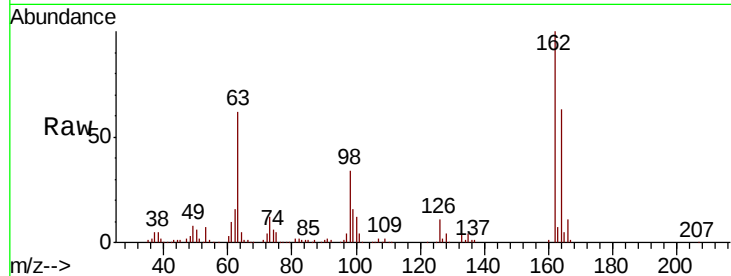




#29  
 2,4-Dichlorophenol  
 Concen: 45.014 ng  
 RT: 10.64 min Scan# 1285  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

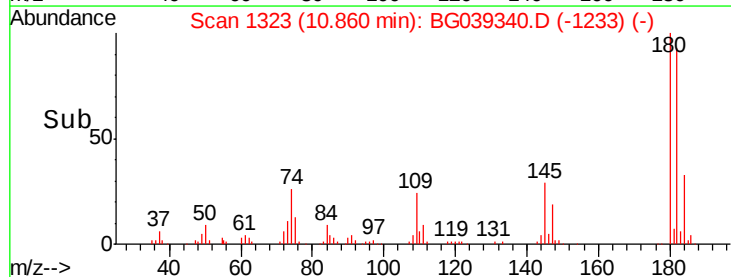
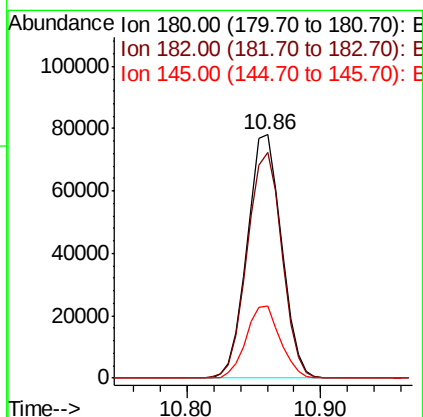
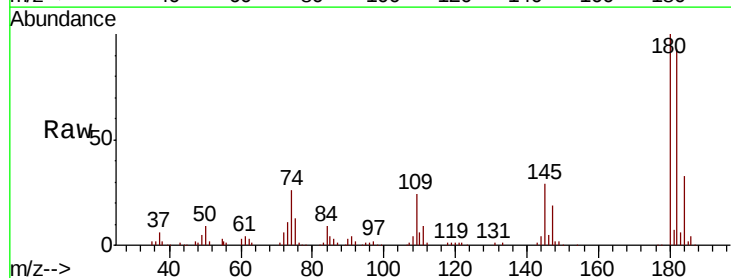
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

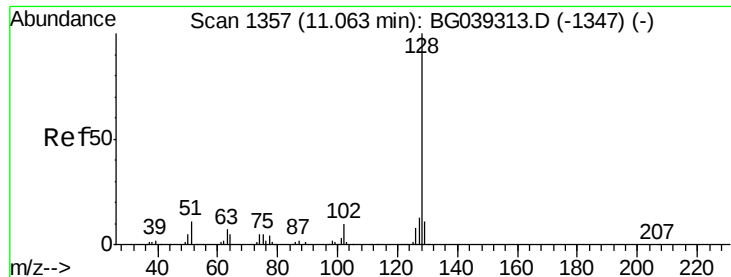
Tgt Ion:162 Resp: 142414  
 Ion Ratio Lower Upper  
 162 100  
 164 63.2 48.1 88.1  
 98 33.8 18.1 58.1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.028 ng  
 RT: 10.86 min Scan# 1323  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Tgt Ion:180 Resp: 138626  
 Ion Ratio Lower Upper  
 180 100  
 182 92.8 76.0 114.0  
 145 29.5 22.7 34.1

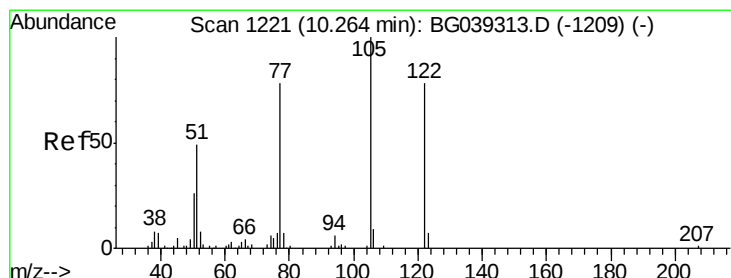
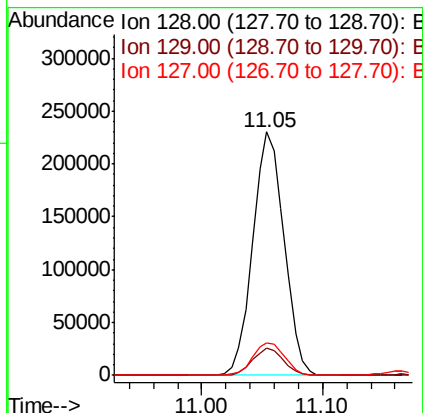
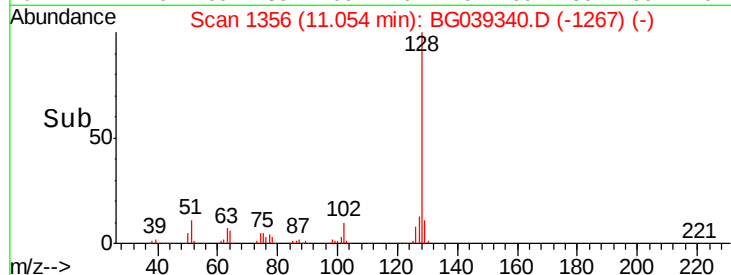
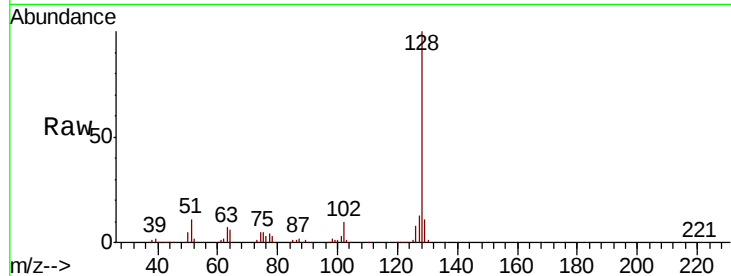




#31  
Naphthalene  
Concen: 41.341 ng  
RT: 11.05 min Scan# 1356  
Delta R.T. -0.01 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

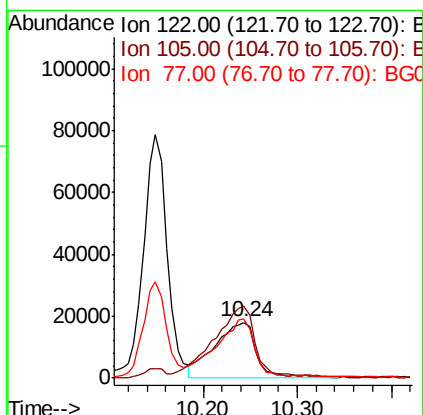
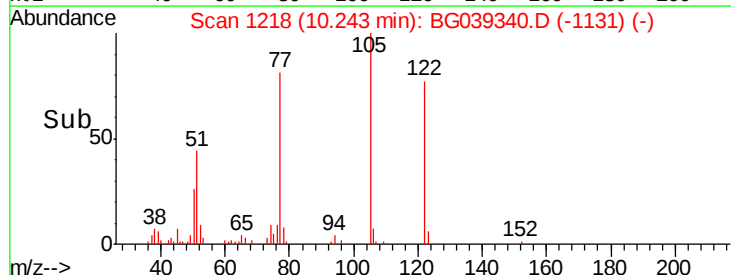
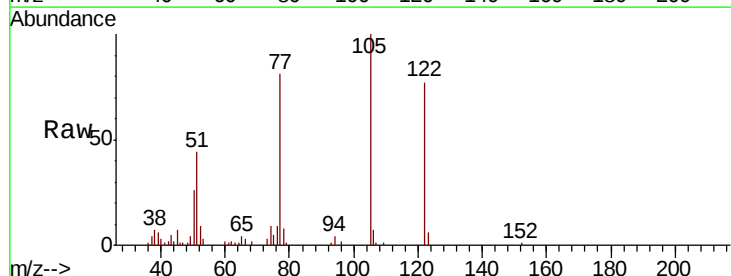
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

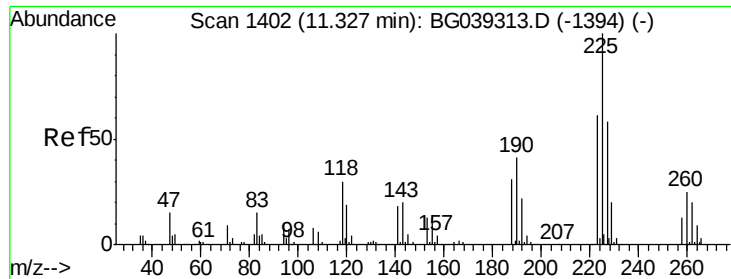
Tgt Ion:128 Resp: 413739  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.7 13.1  
127 13.4 10.8 16.2



#32  
Benzoic acid  
Concen: 32.747 ng  
RT: 10.24 min Scan# 1218  
Delta R.T. -0.02 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Tgt Ion:122 Resp: 55382  
Ion Ratio Lower Upper  
122 100  
105 130.2 101.8 141.8  
77 105.8 76.3 116.3

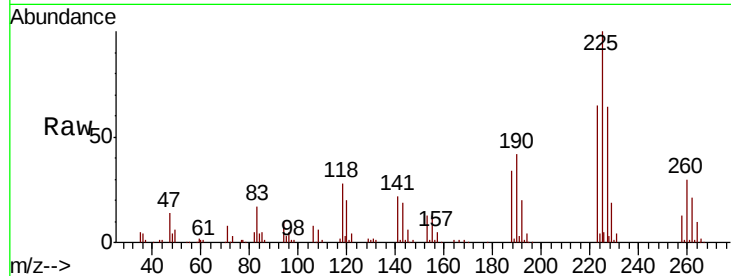




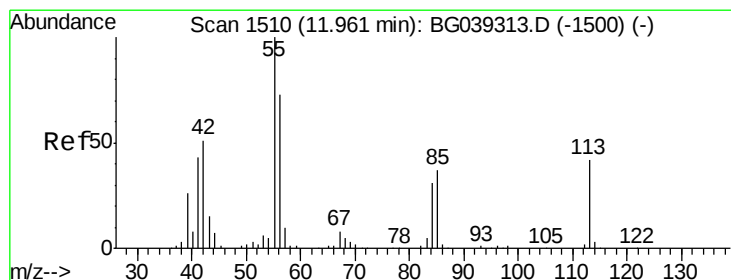
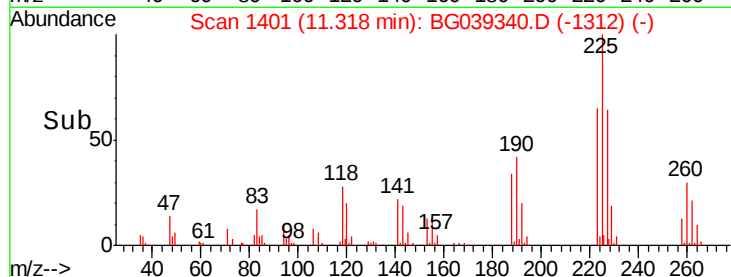
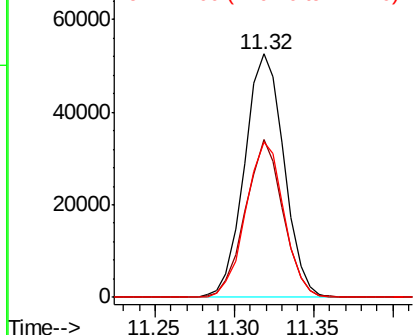
#34  
Hexachlorobutadiene  
Concen: 38.432 ng  
RT: 11.32 min Scan# 1401  
Delta R.T. -0.01 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

Tgt Ion: 225 Resp: 90783  
Ion Ratio Lower Upper  
225 100  
223 65.1 49.0 73.6  
227 63.6 46.3 69.5

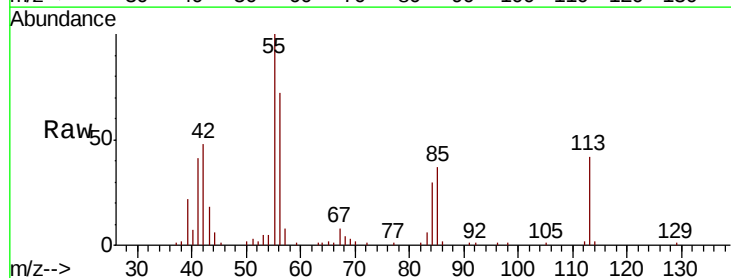


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

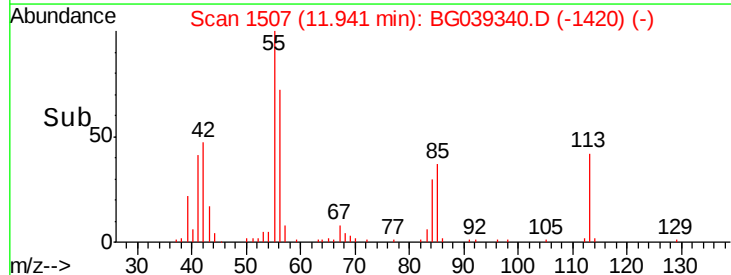
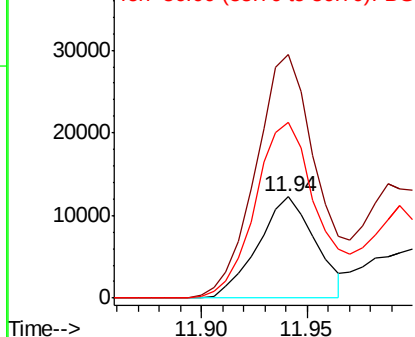


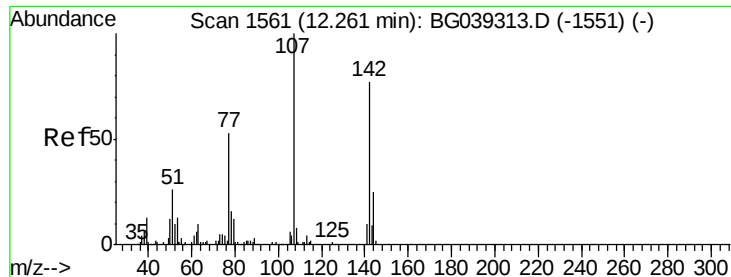
#35  
Caprolactam  
Concen: 17.650 ng  
RT: 11.94 min Scan# 1507  
Delta R.T. -0.02 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Tgt Ion: 113 Resp: 23107  
Ion Ratio Lower Upper  
113 100  
55 240.3 216.9 256.9  
56 173.5 152.6 192.6



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

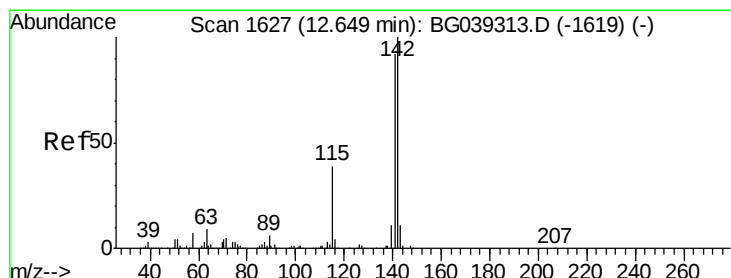
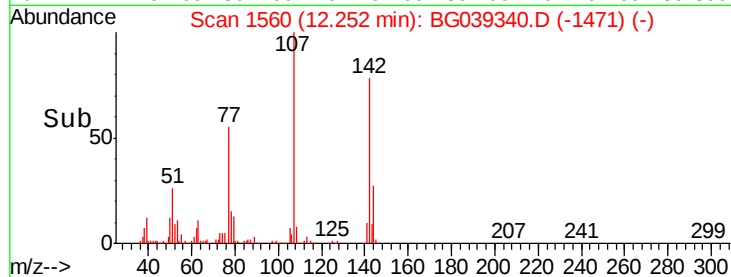
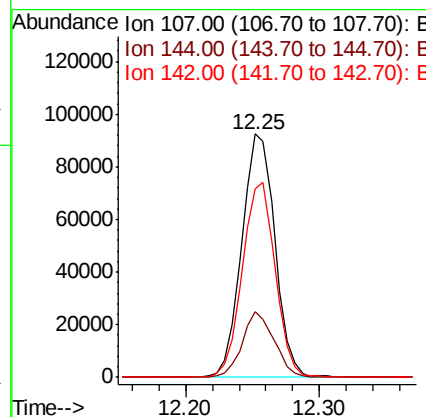
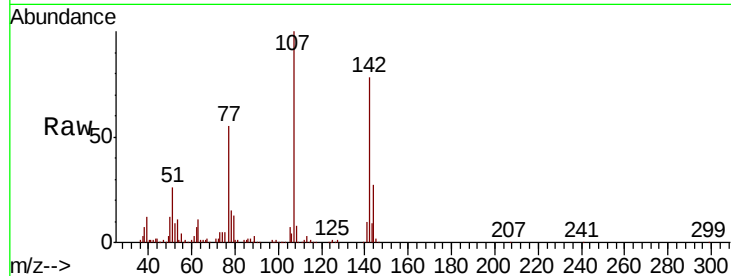




#36  
 4-Chloro-3-methylphenol  
 Concen: 43.272 ng  
 RT: 12.25 min Scan# 1560  
 Delta R.T. -0.01 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

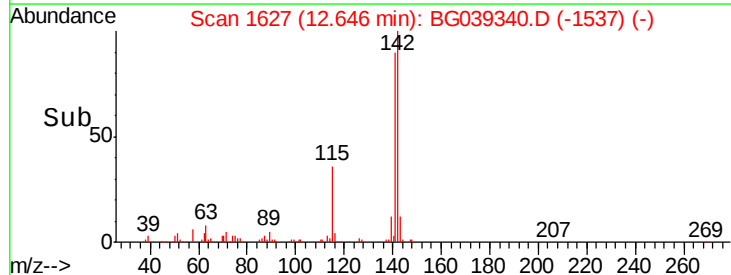
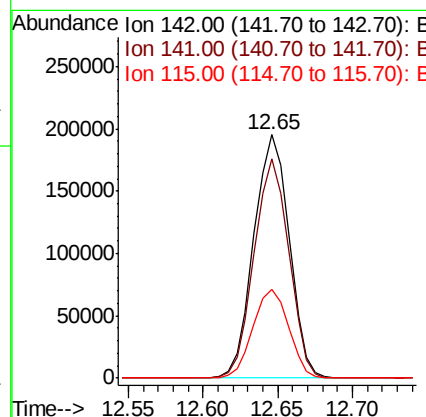
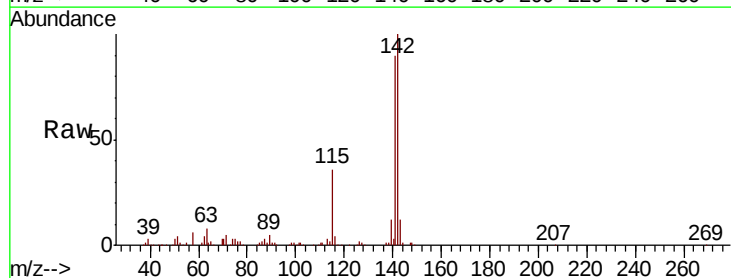
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

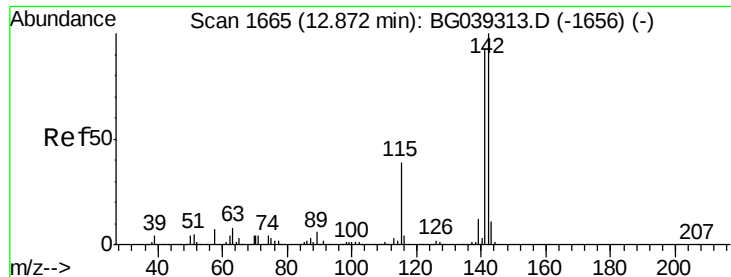
Tgt Ion:107 Resp: 158328  
 Ion Ratio Lower Upper  
 107 100  
 144 27.0 20.2 30.2  
 142 77.6 61.4 92.2



#37  
 2-Methylnaphthalene  
 Concen: 43.185 ng  
 RT: 12.65 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Tgt Ion:142 Resp: 320106  
 Ion Ratio Lower Upper  
 142 100  
 141 90.0 73.5 110.3  
 115 36.2 30.8 46.2

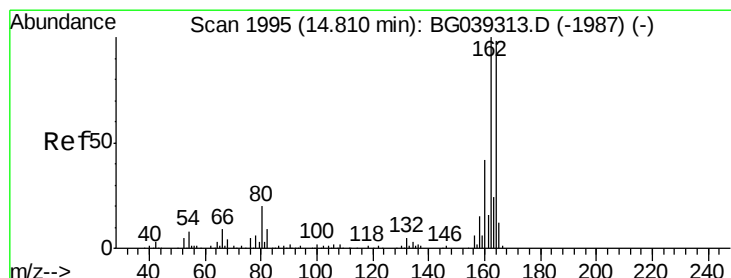
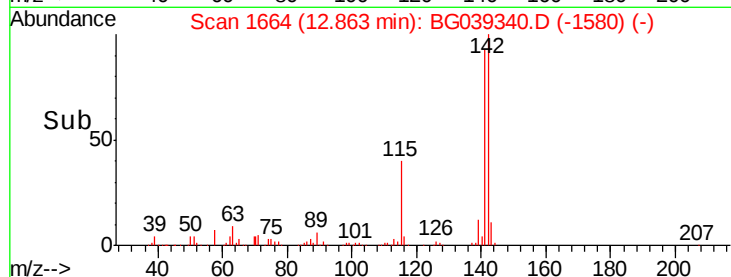
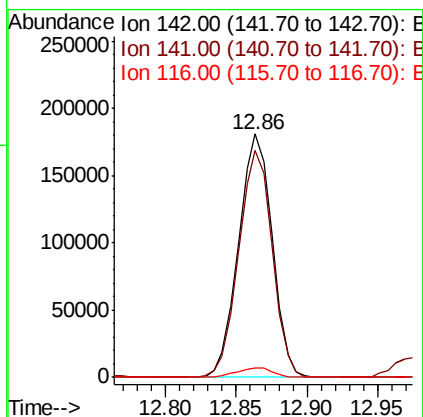
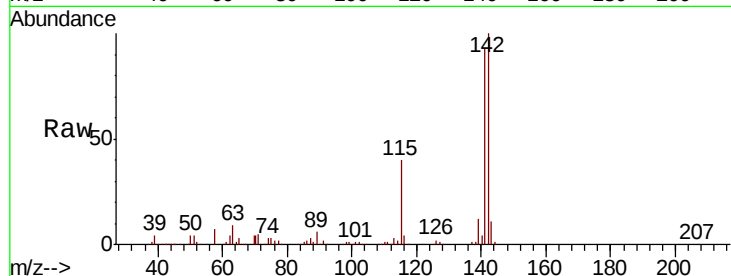




#38  
 1-Methylnaphthalene  
 Concen: 42.254 ng  
 RT: 12.86 min Scan# 1664  
 Delta R.T. -0.01 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

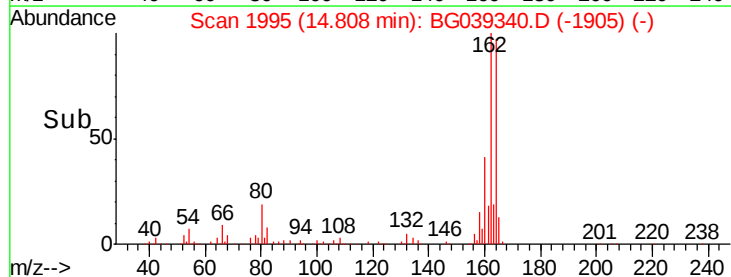
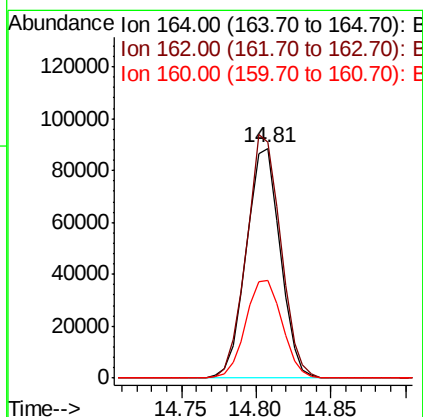
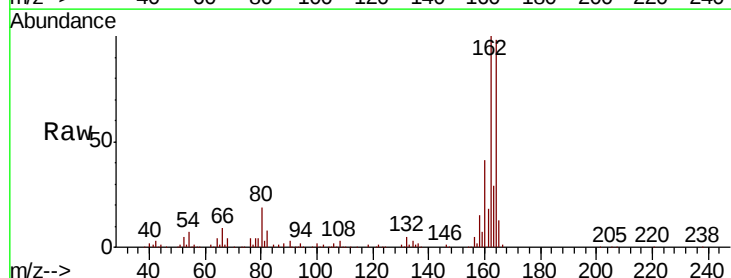
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

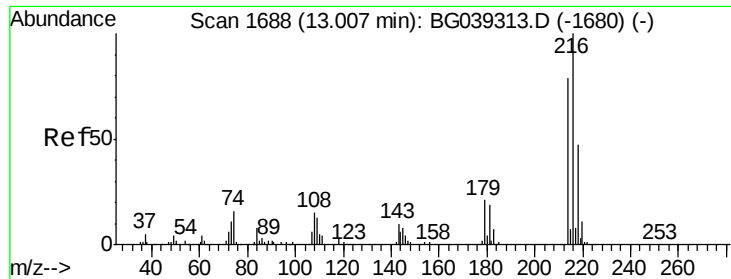
Tgt Ion:142 Resp: 301911  
 Ion Ratio Lower Upper  
 142 100  
 141 93.1 74.2 111.4  
 116 4.1 3.0 4.6



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.81 min Scan# 1995  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Tgt Ion:164 Resp: 138929  
 Ion Ratio Lower Upper  
 164 100  
 162 102.5 81.6 122.4  
 160 42.3 34.2 51.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.682 ng

RT: 13.00 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

Tgt Ion:216 Resp: 170988

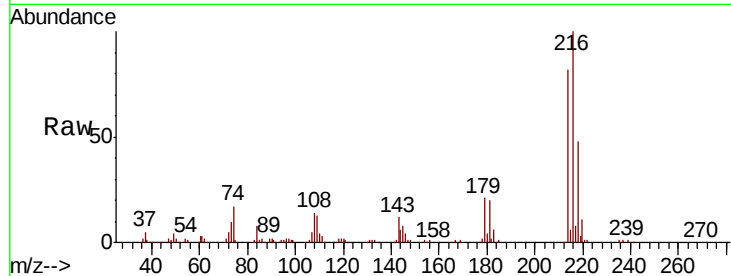
Ion Ratio Lower Upper

216 100

214 79.6 62.6 94.0

179 20.5 16.6 25.0

108 18.3 14.0 21.0

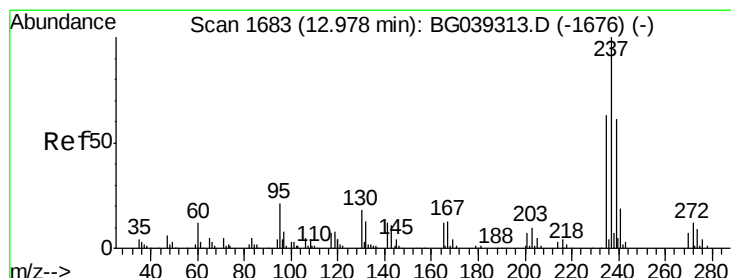
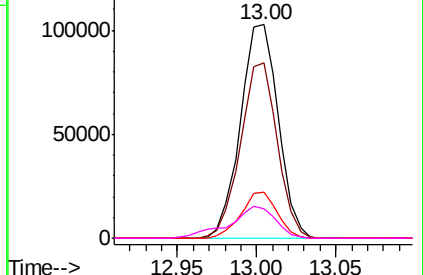
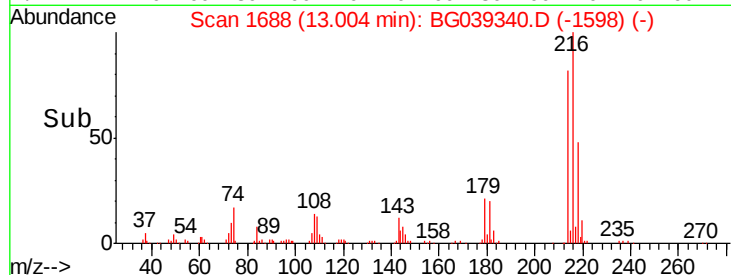


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 84.365 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

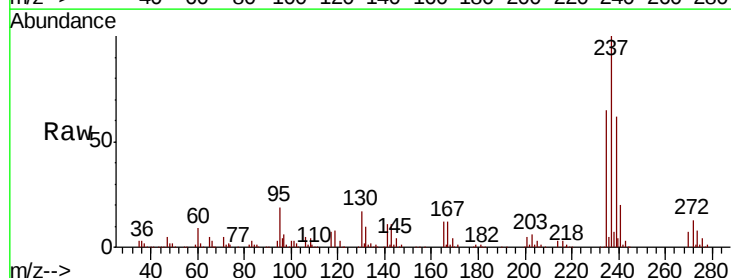
Tgt Ion:237 Resp: 203209

Ion Ratio Lower Upper

237 100

235 64.7 43.3 83.3

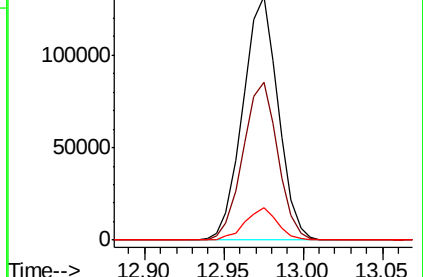
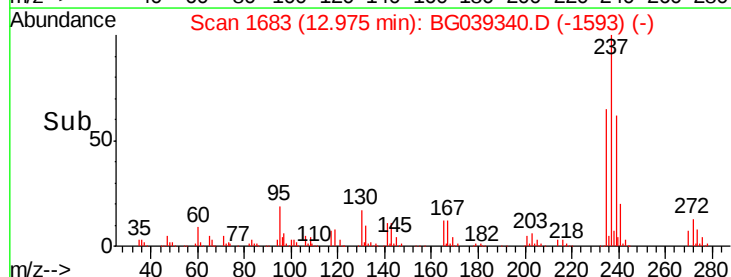
272 13.2 0.0 32.3

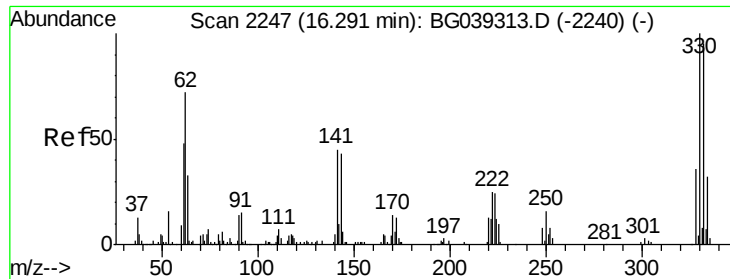


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 142.205 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

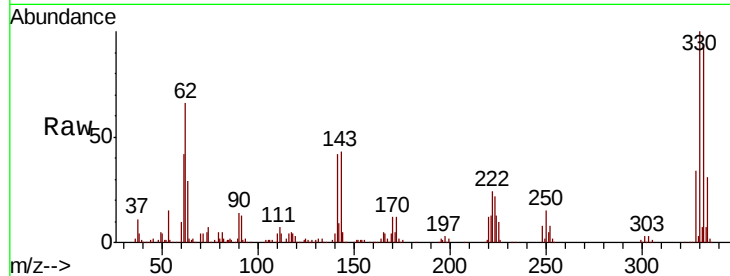
Tgt Ion:330 Resp: 212743

Ion Ratio Lower Upper

330 100

332 94.0 75.7 113.5

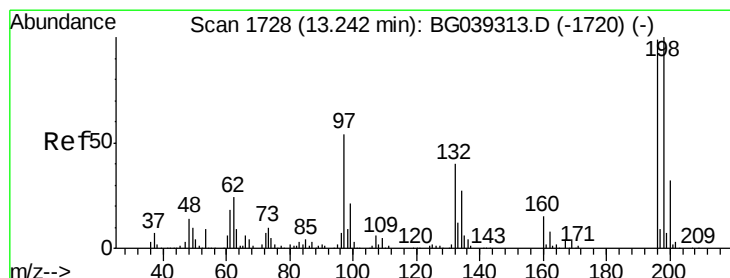
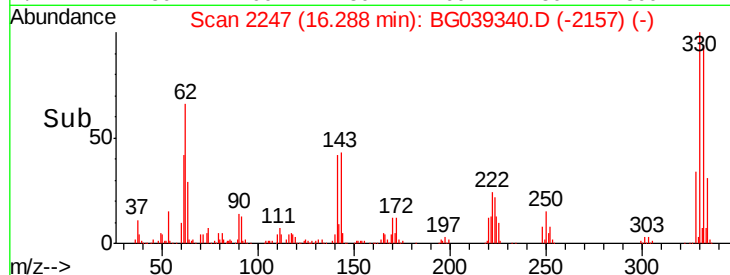
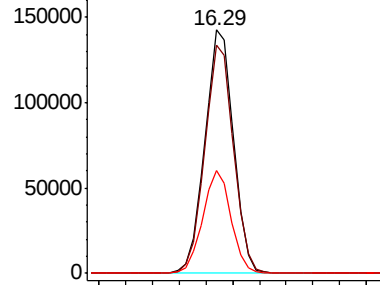
141 41.9 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 43.434 ng

RT: 13.24 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

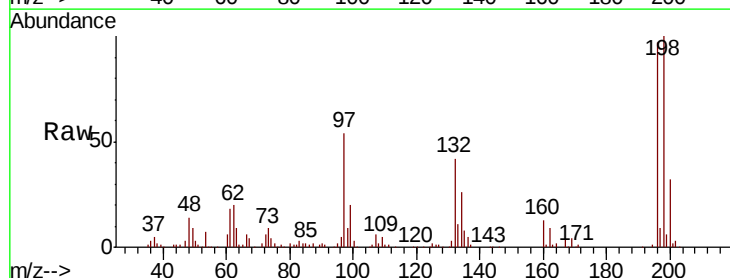
Tgt Ion:196 Resp: 118046

Ion Ratio Lower Upper

196 100

198 103.3 80.6 121.0

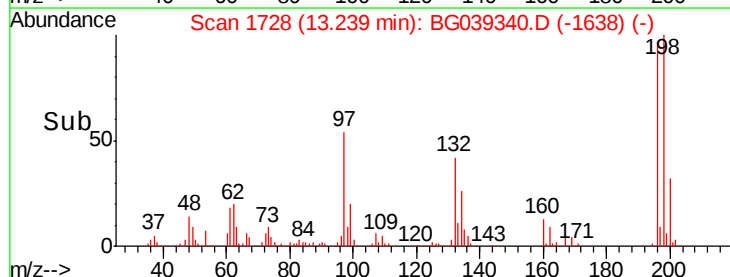
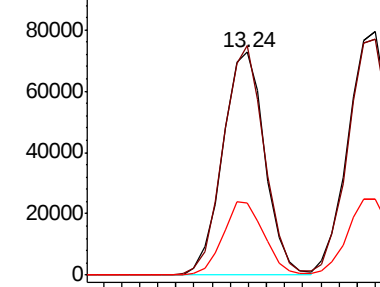
200 32.6 26.1 39.1

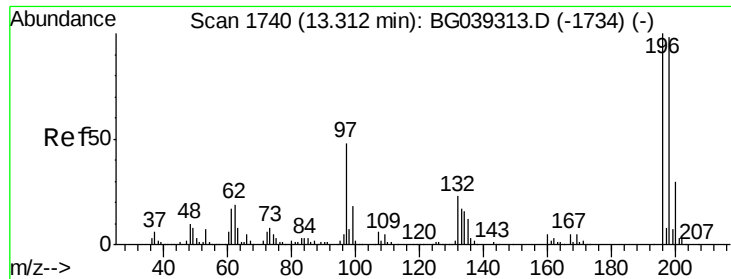


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

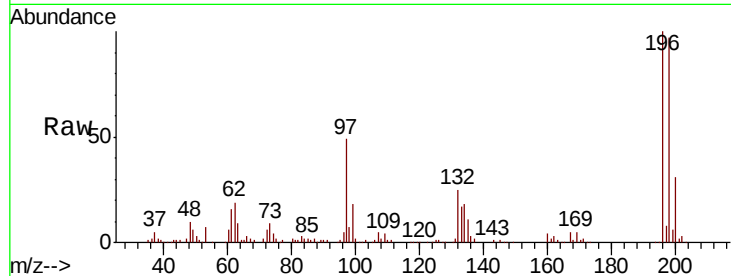




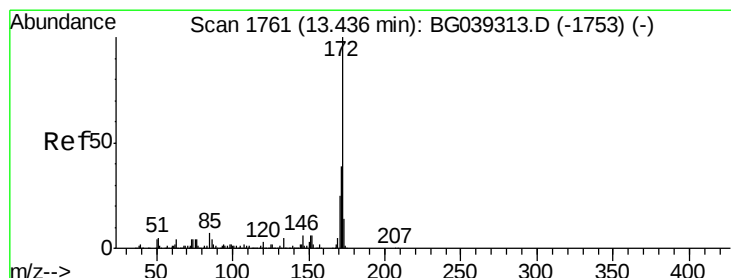
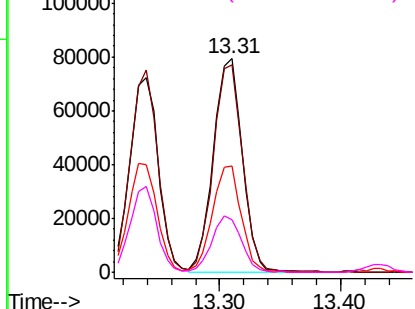
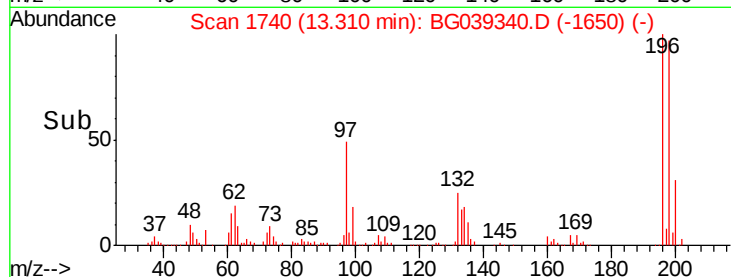
#44  
 2,4,5-Trichlorophenol  
 Concen: 46.244 ng  
 RT: 13.31 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

Tgt Ion:196 Resp: 131728  
 Ion Ratio Lower Upper  
 196 100  
 198 97.1 78.5 117.7  
 97 49.5 38.4 57.6  
 132 24.6 19.2 28.8

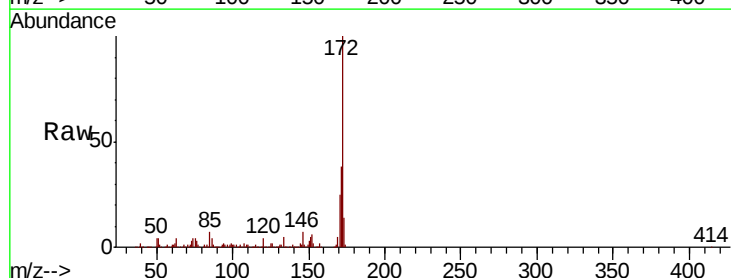


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

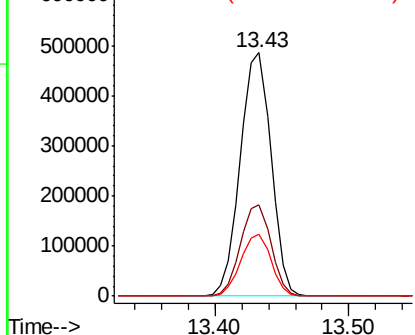
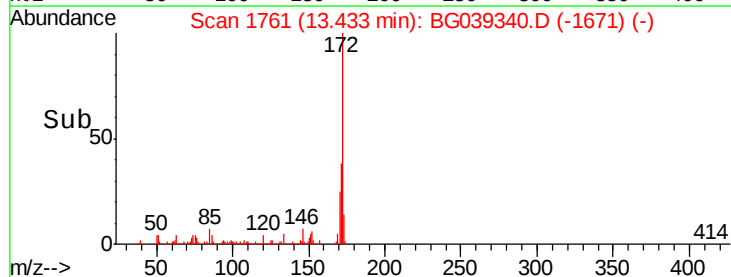


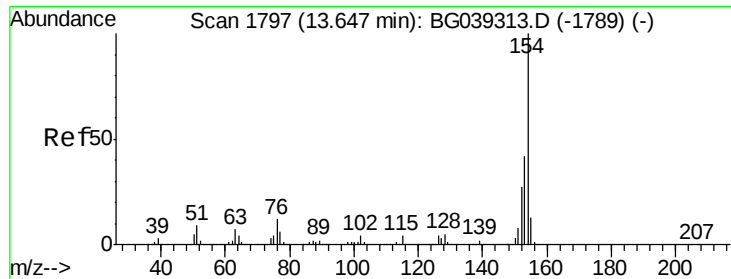
#45  
 2-Fluorobiphenyl  
 Concen: 80.096 ng  
 RT: 13.43 min Scan# 1761  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Tgt Ion:172 Resp: 775688  
 Ion Ratio Lower Upper  
 172 100  
 171 37.6 30.8 46.2  
 170 25.3 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

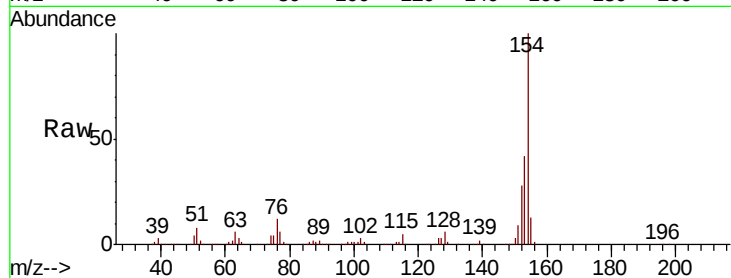




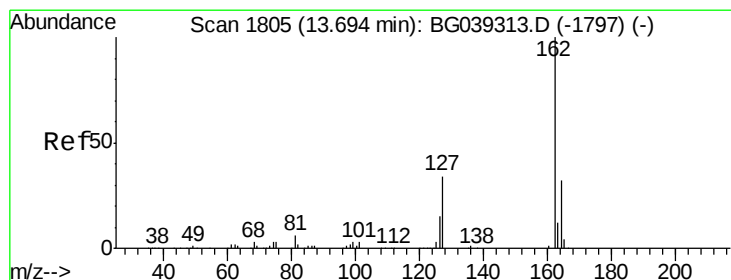
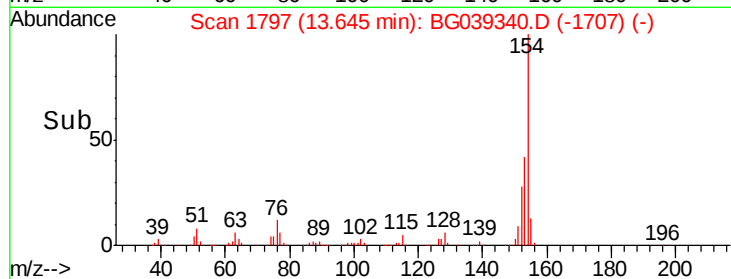
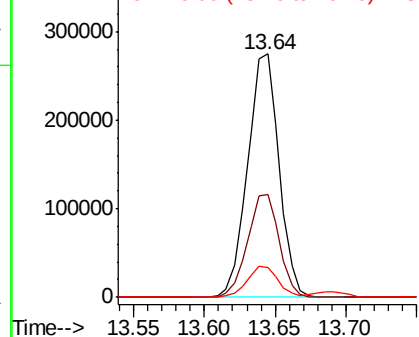
#46  
 1,1'-Biphenyl  
 Concen: 37.010 ng  
 RT: 13.64 min Scan# 1797  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

Tgt Ion:154 Resp: 427802  
 Ion Ratio Lower Upper  
 154 100  
 153 42.2 22.1 62.1  
 76 12.4 0.0 32.4

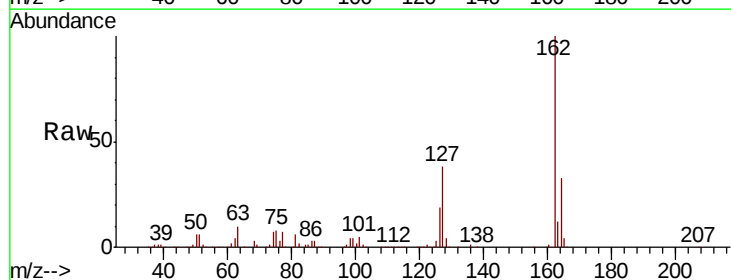


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

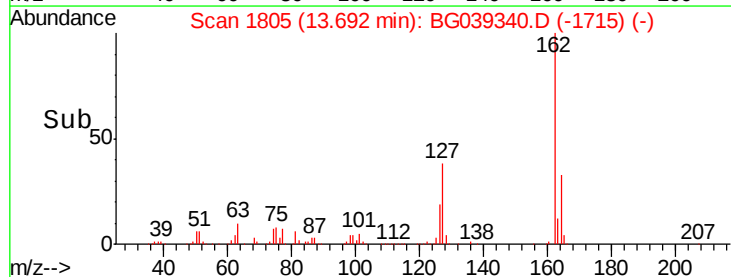
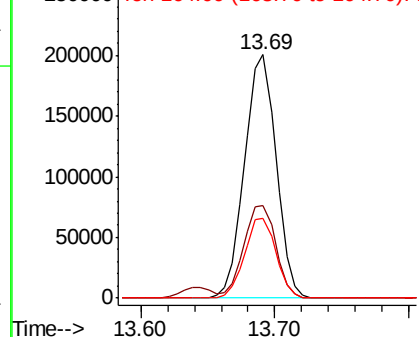


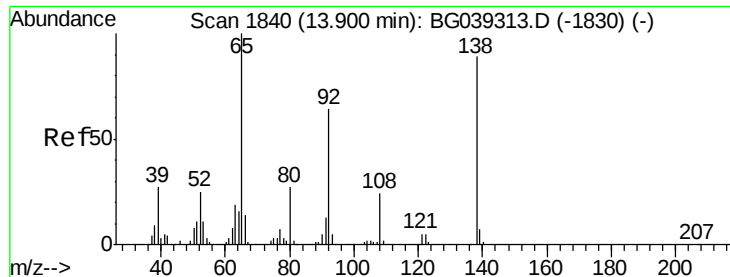
#47  
 2-Chloronaphthalene  
 Concen: 37.612 ng  
 RT: 13.69 min Scan# 1805  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Tgt Ion:162 Resp: 327063  
 Ion Ratio Lower Upper  
 162 100  
 127 37.9 31.0 46.6  
 164 32.6 25.7 38.5



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

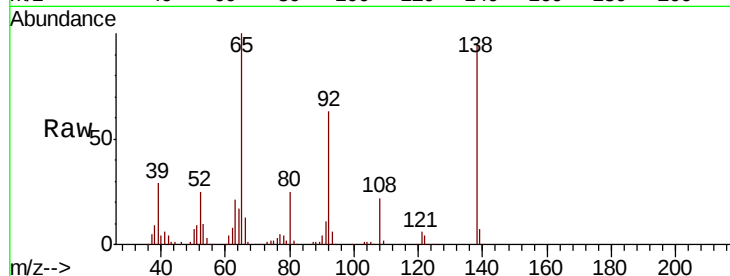




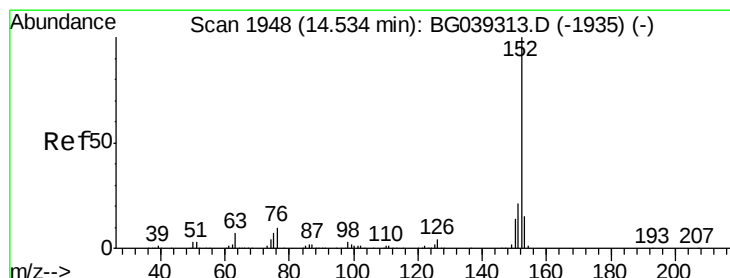
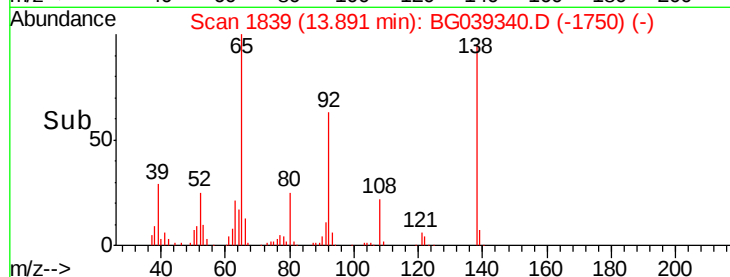
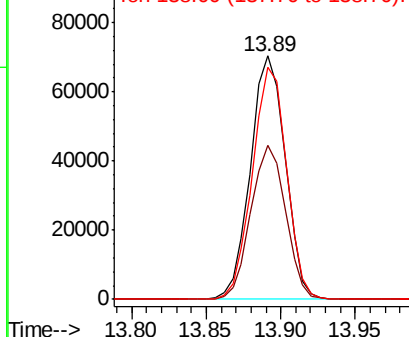
#48  
2-Nitroaniline  
Concen: 45.900 ng  
RT: 13.89 min Scan# 1839  
Delta R.T. -0.01 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

Tgt Ion: 65 Resp: 113562  
Ion Ratio Lower Upper  
65 100  
92 63.2 51.4 77.2  
138 95.3 71.4 107.2

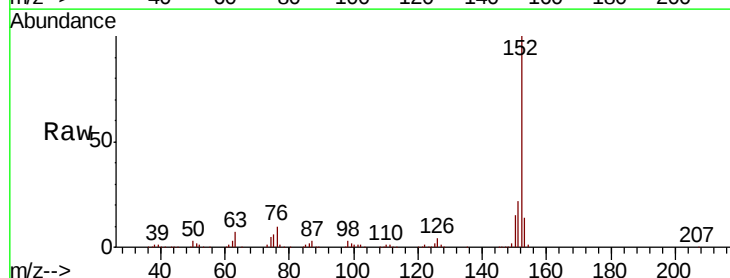


Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC

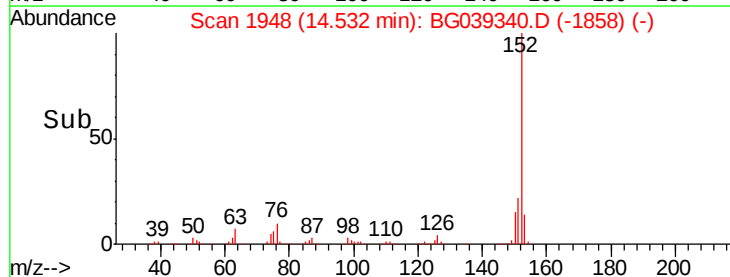
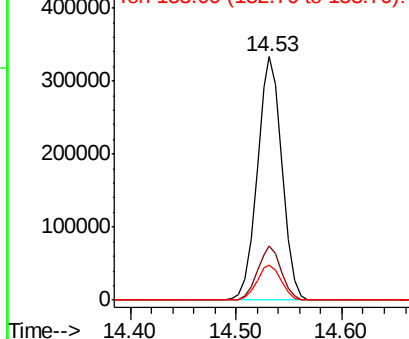


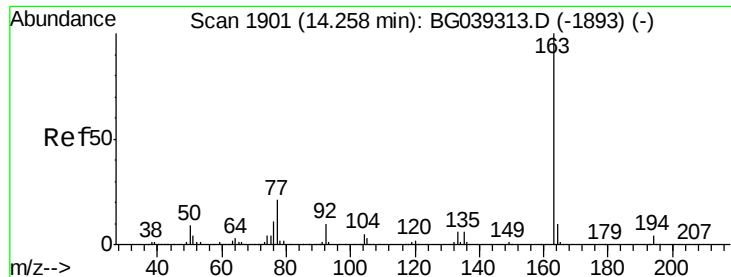
#49  
Acenaphthylene  
Concen: 41.134 ng  
RT: 14.53 min Scan# 1948  
Delta R.T. -0.00 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Tgt Ion: 152 Resp: 539730  
Ion Ratio Lower Upper  
152 100  
151 22.4 16.8 25.2  
153 14.3 11.7 17.5



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

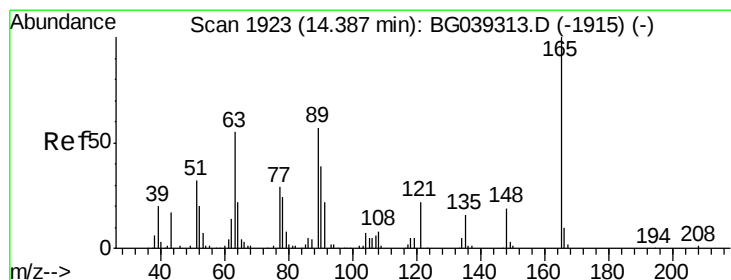
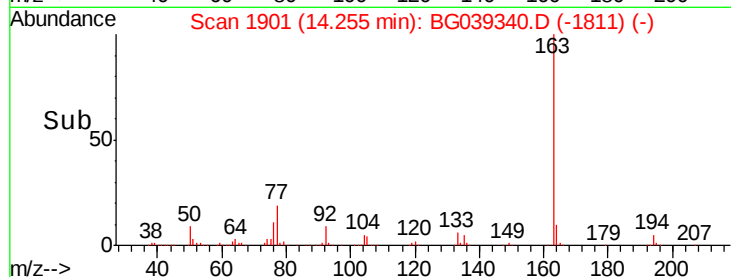
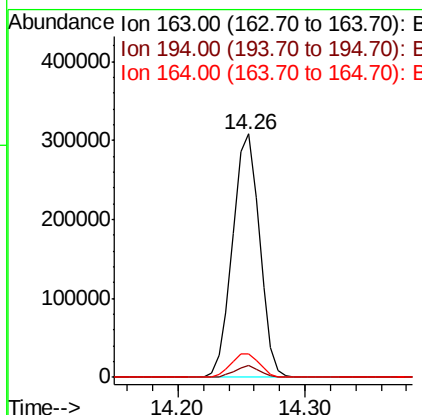
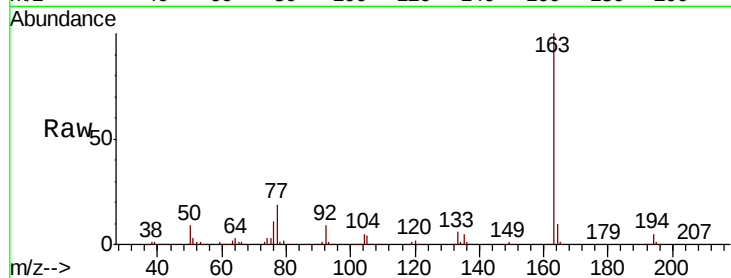




#50  
Dimethylphthalate  
Concen: 40.368 ng  
RT: 14.26 min Scan# 1901  
Delta R.T. -0.00 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

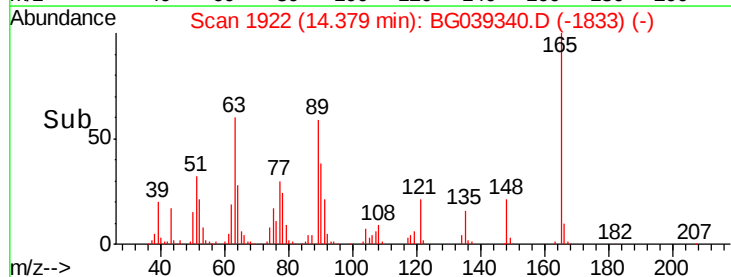
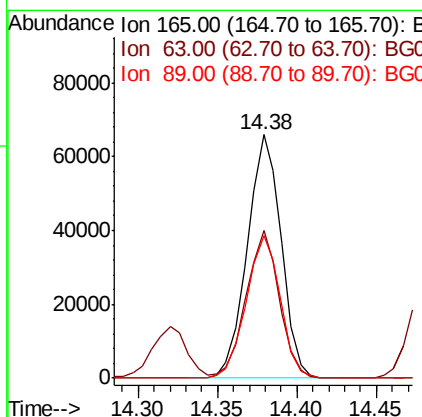
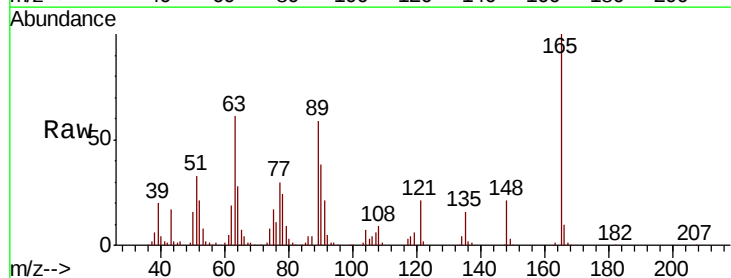
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

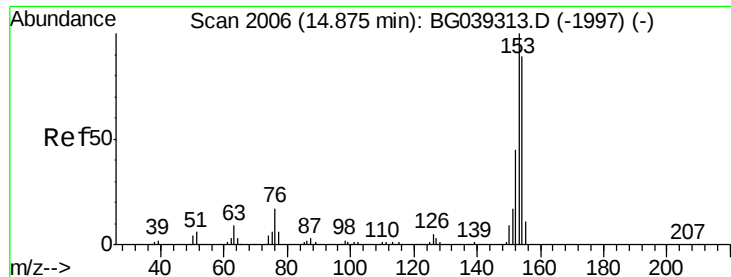
Tgt Ion:163 Resp: 452952  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.6 5.4  
164 9.6 8.4 12.6



#51  
2,6-Dinitrotoluene  
Concen: 46.776 ng  
RT: 14.38 min Scan# 1922  
Delta R.T. -0.01 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Tgt Ion:165 Resp: 97685  
Ion Ratio Lower Upper  
165 100  
63 60.6 47.0 70.6  
89 58.5 45.8 68.8





#52

Acenaphthene

Concen: 39.733 ng

RT: 14.87 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

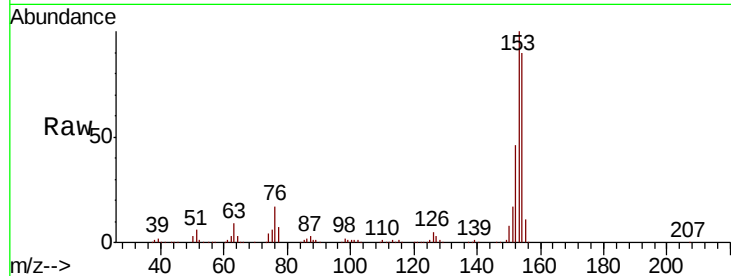
Tgt Ion:154 Resp: 338413

Ion Ratio Lower Upper

154 100

153 111.3 90.1 135.1

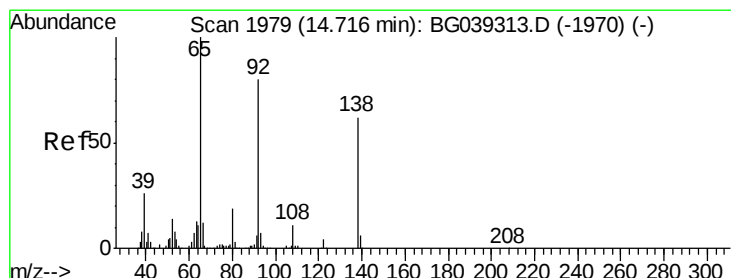
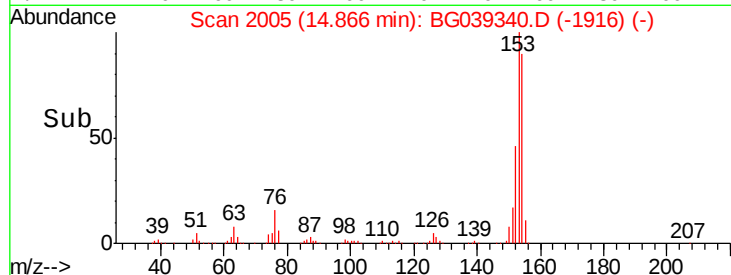
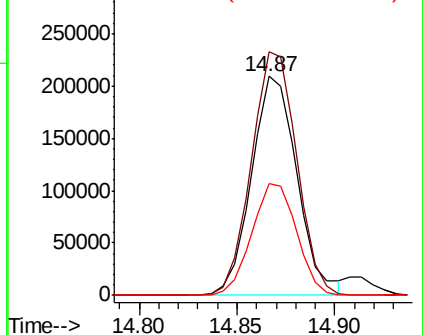
152 51.2 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 8.609 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

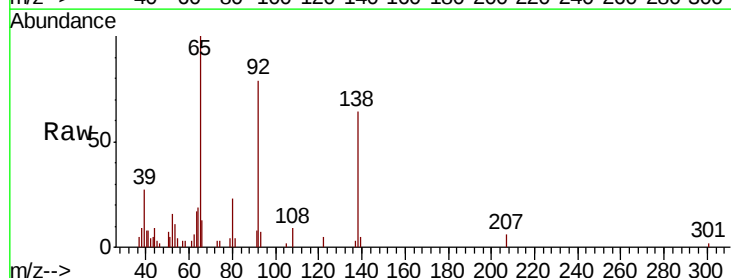
Tgt Ion:138 Resp: 7248

Ion Ratio Lower Upper

138 100

108 13.4 13.8 20.8#

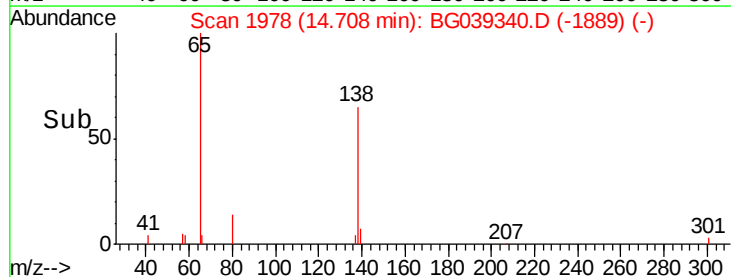
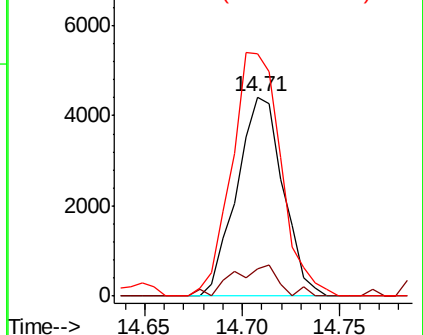
92 121.7 103.7 155.5

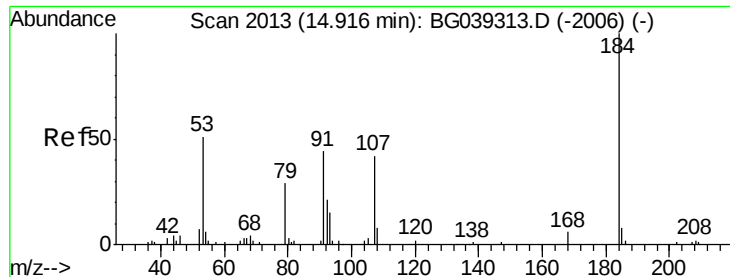


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#54

2,4-Dinitrophenol

Concen: 54.648 ng

RT: 14.91 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

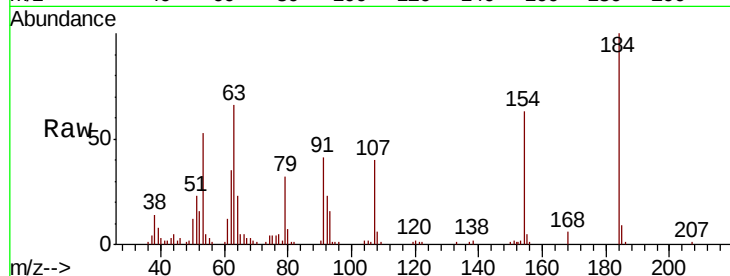
Tgt Ion:184 Resp: 42711

Ion Ratio Lower Upper

184 100

63 66.5 50.9 76.3

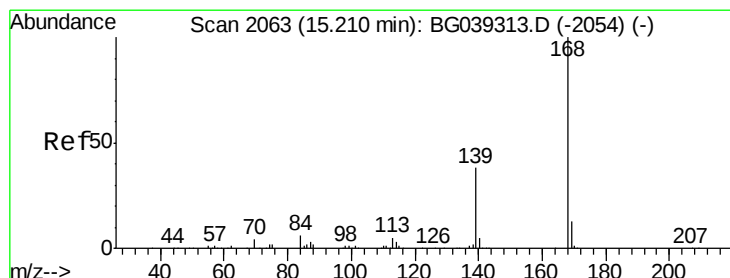
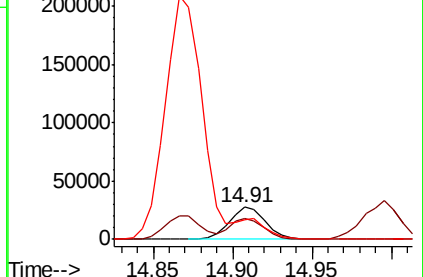
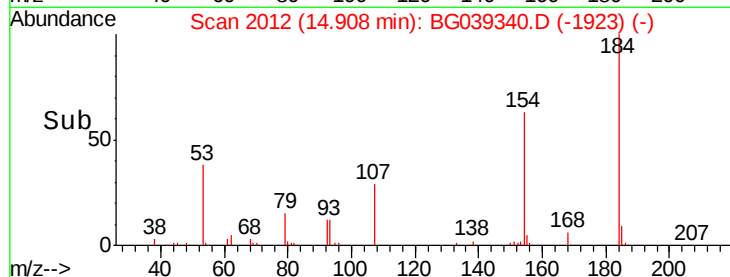
154 63.5 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 38.929 ng

RT: 15.20 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

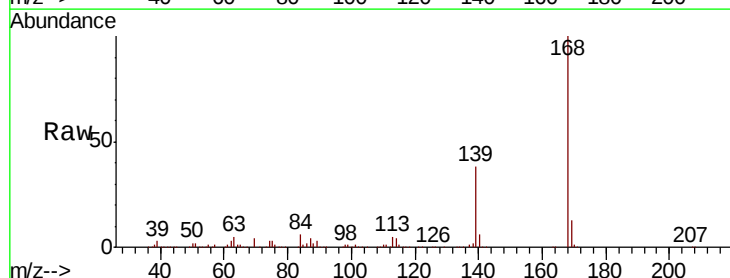
Tgt Ion:168 Resp: 531617

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

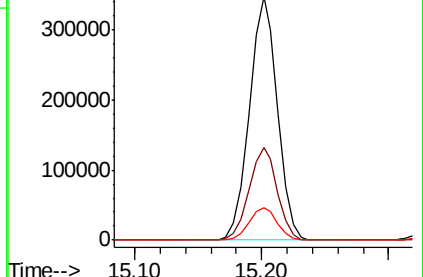
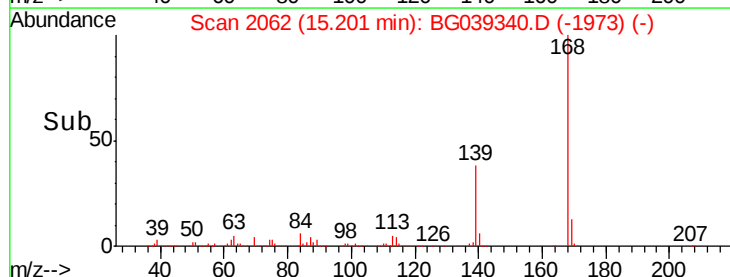
169 13.1 10.6 16.0

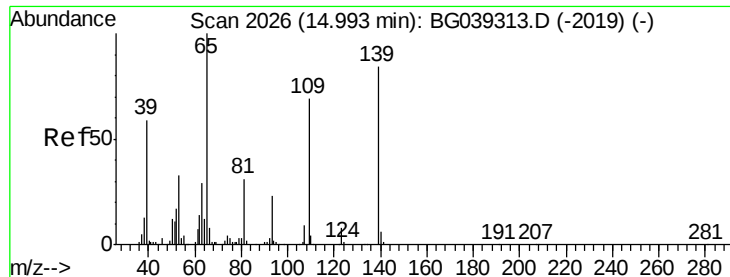


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 78.533 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

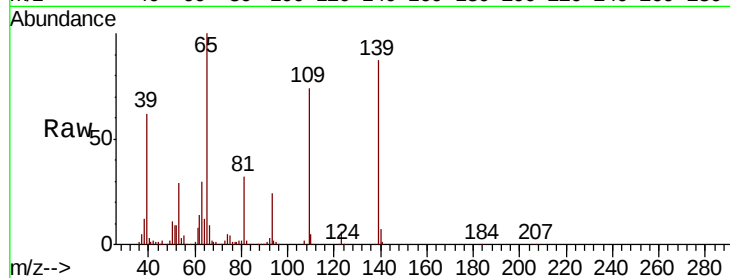
Tgt Ion:139 Resp: 159091

Ion Ratio Lower Upper

139 100

109 85.2 61.9 101.9

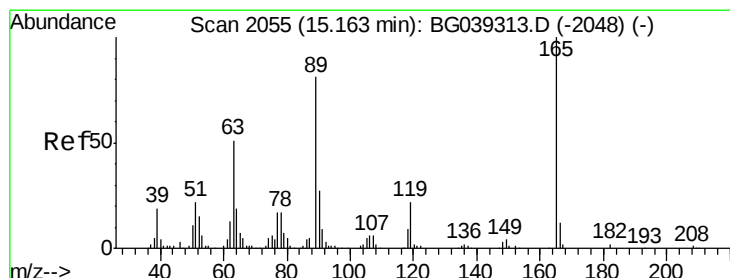
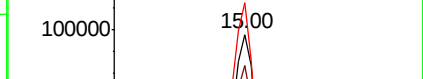
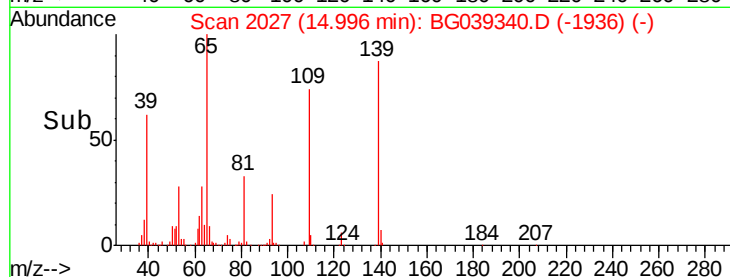
65 115.0 99.1 139.1



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: 49.703 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion:165 Resp: 134403

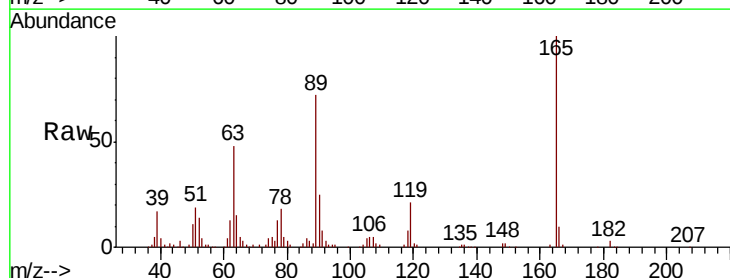
Ion Ratio Lower Upper

165 100

63 47.8 41.0 61.6

89 71.5 64.6 96.8

182 2.6 2.0 3.0

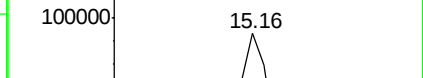
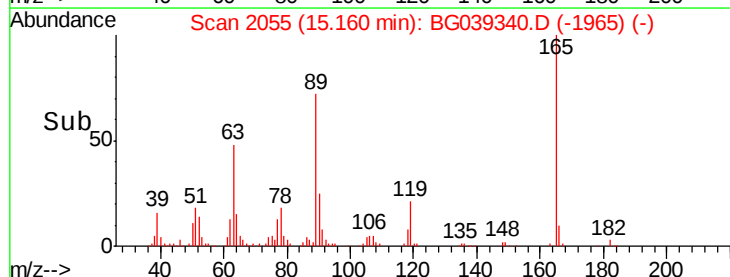


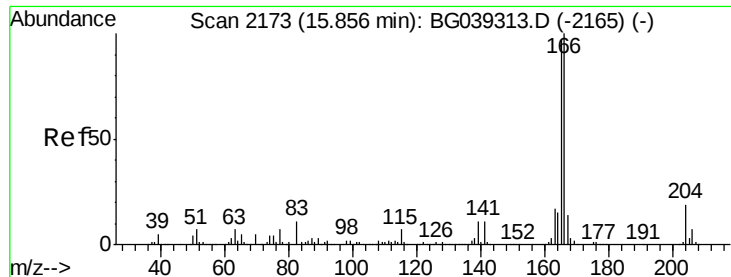
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 41.863 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

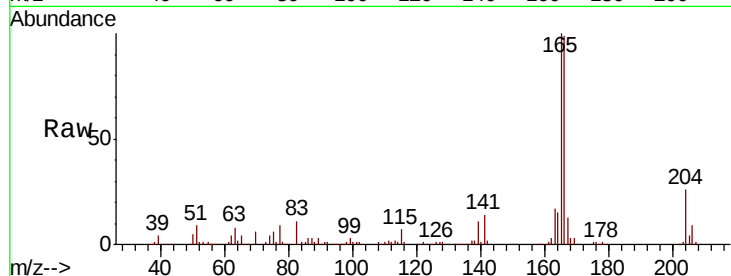
Tgt Ion:166 Resp: 426162

Ion Ratio Lower Upper

166 100

165 100.6 77.9 116.9

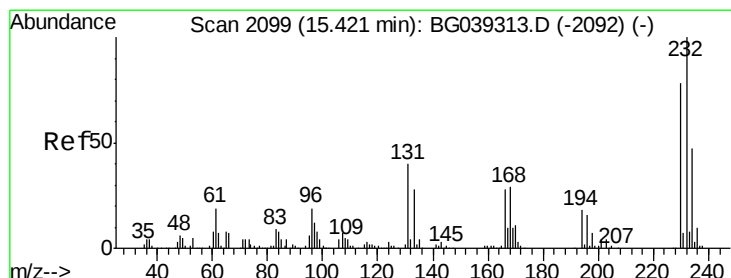
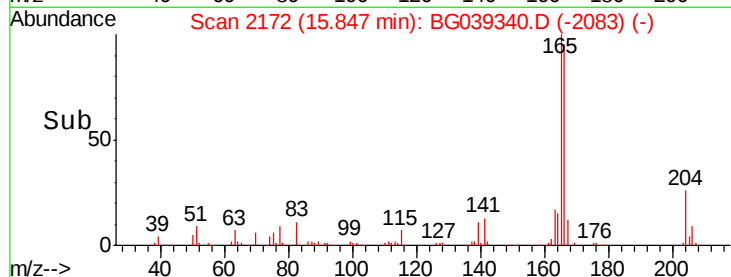
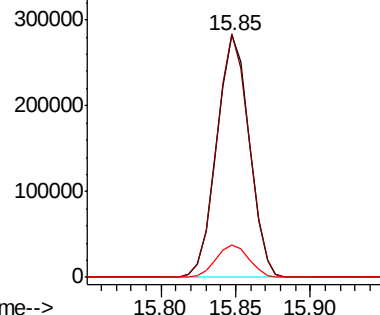
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 48.633 ng

RT: 15.42 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion:232 Resp: 129710

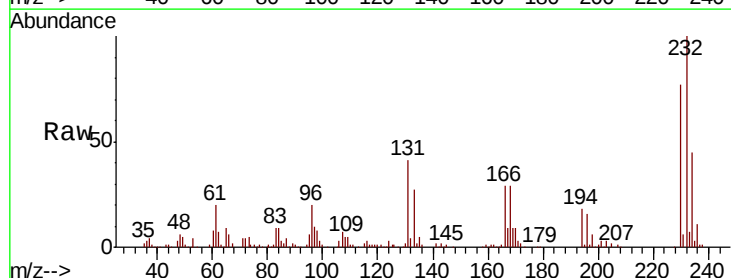
Ion Ratio Lower Upper

232 100

131 43.6 34.9 52.3

130 2.5 2.0 3.0

166 29.7 24.1 36.1

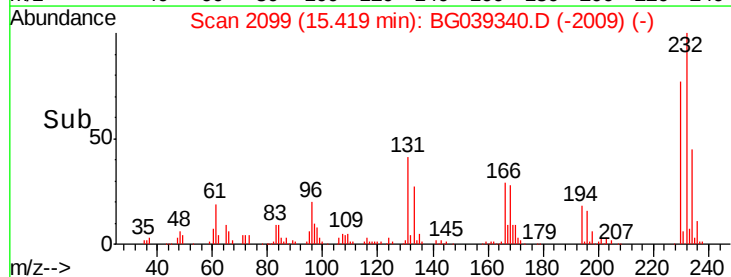
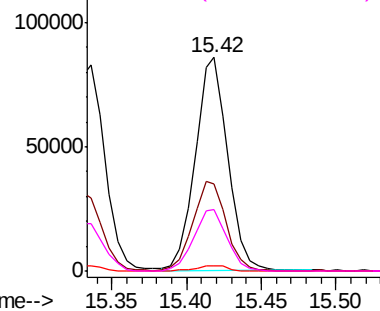


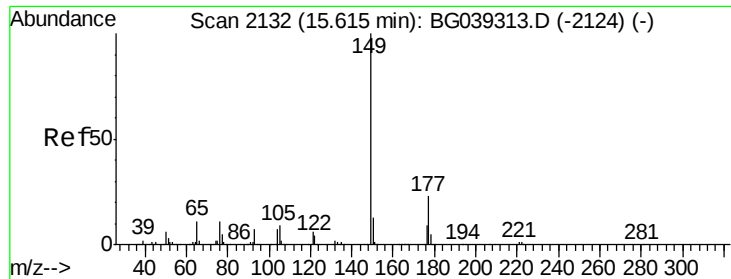
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

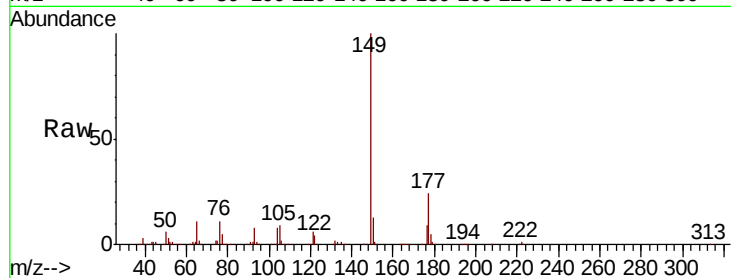




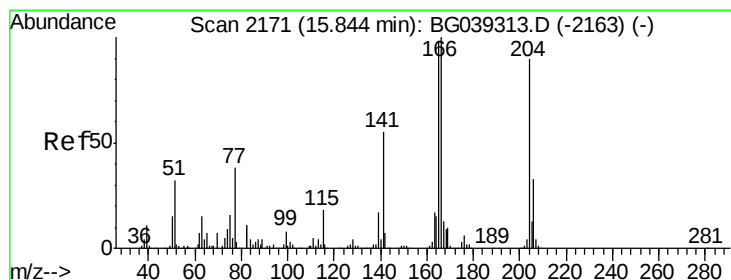
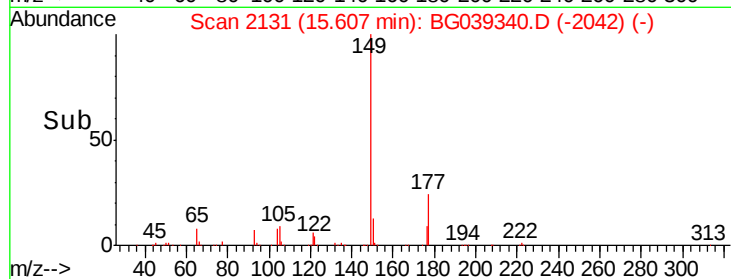
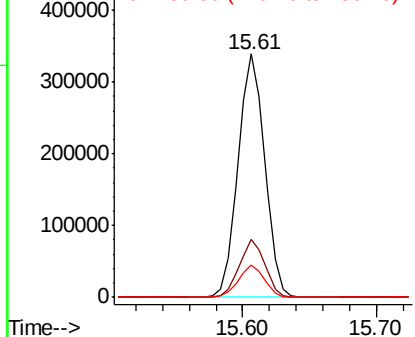
#60  
Diethylphthalate  
Concen: 40.269 ng  
RT: 15.61 min Scan# 2131  
Delta R.T. -0.01 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

Tgt Ion:149 Resp: 467168  
Ion Ratio Lower Upper  
149 100  
177 23.8 18.3 27.5  
150 13.2 10.2 15.2

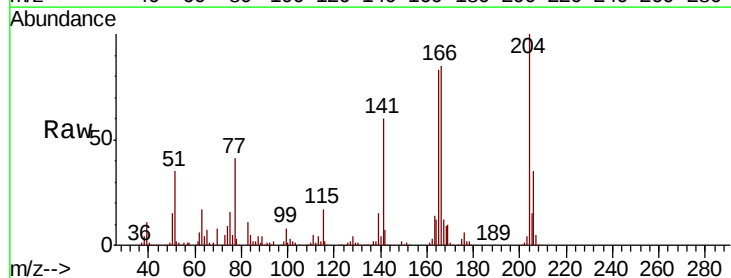


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

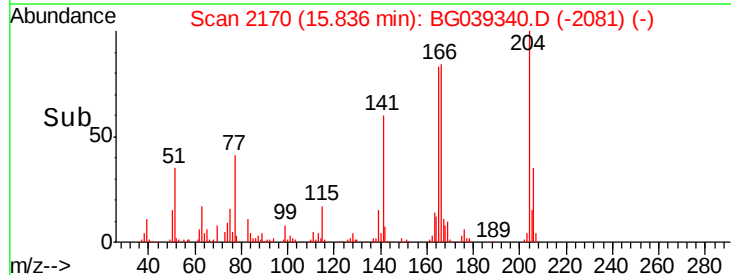
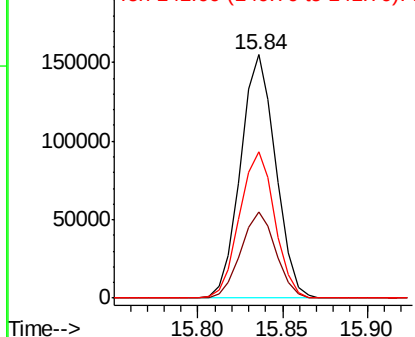


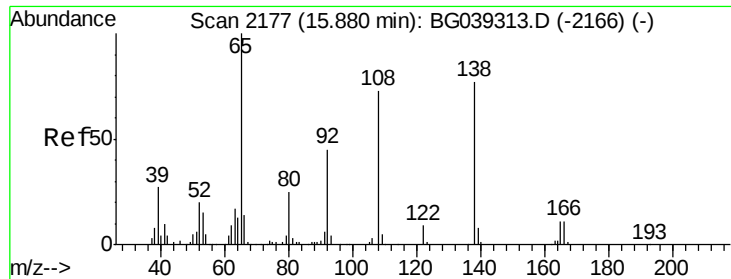
#61  
4-Chlorophenyl-phenylether  
Concen: 38.847 ng  
RT: 15.84 min Scan# 2170  
Delta R.T. -0.01 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Tgt Ion:204 Resp: 223923  
Ion Ratio Lower Upper  
204 100  
206 35.4 29.2 43.8  
141 60.1 49.0 73.4



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





#62

4-Nitroaniline

Concen: 39.803 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

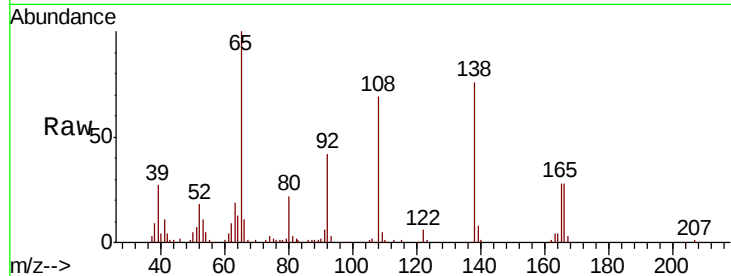
Tgt Ion:138 Resp: 91801

Ion Ratio Lower Upper

138 100

92 56.1 38.7 78.7

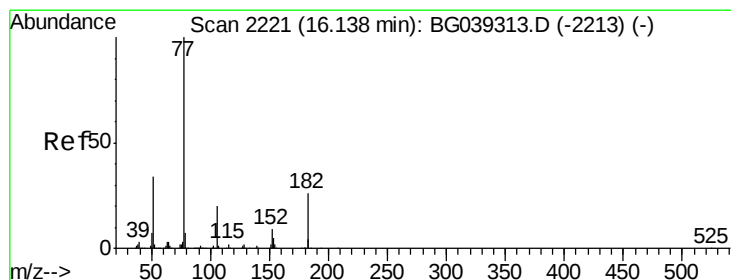
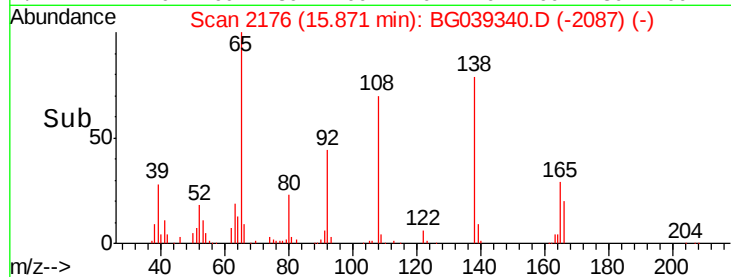
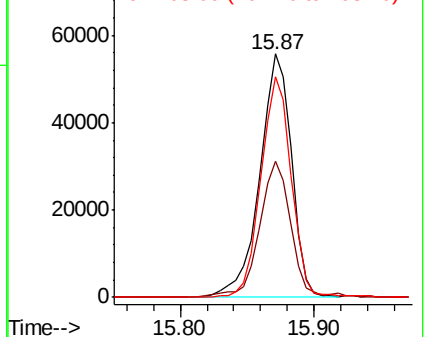
108 90.7 74.6 114.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 38.101 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion: 77 Resp: 432026

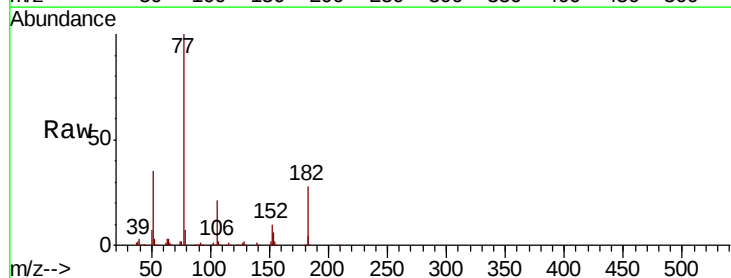
Ion Ratio Lower Upper

77 100

182 27.5 6.4 46.4

105 20.7 0.0 39.8

51 35.1 14.1 54.1

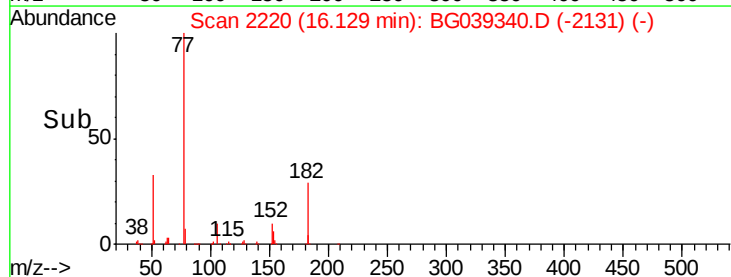
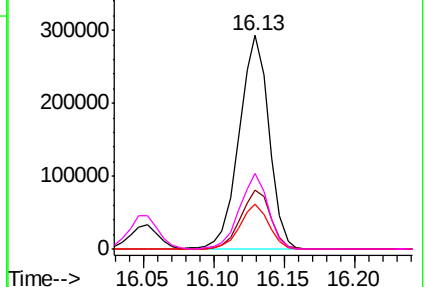


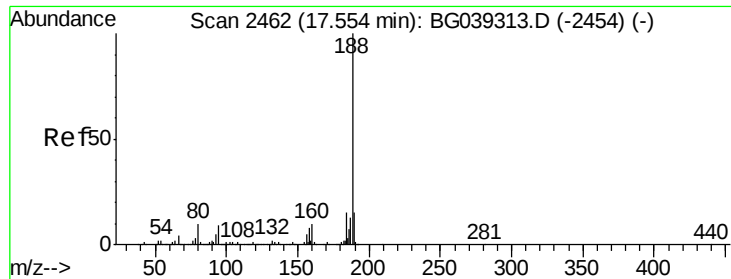
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

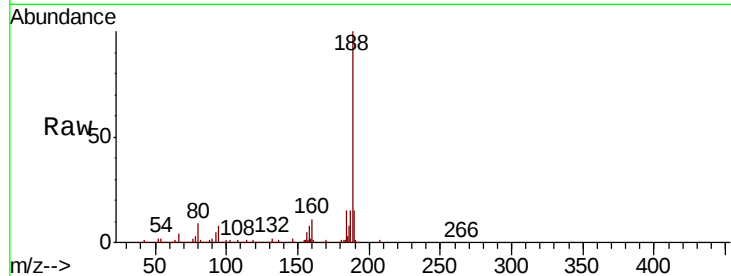
Tgt Ion:188 Resp: 347549

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

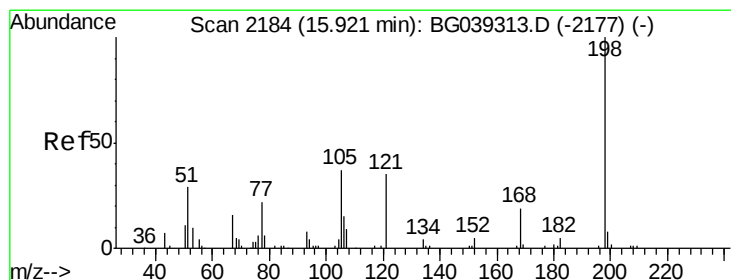
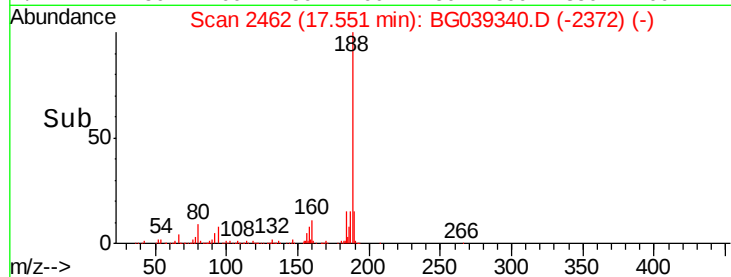
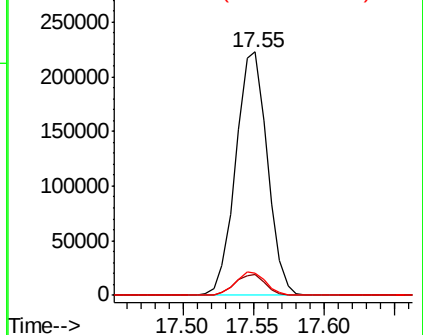
80 9.0 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 36.617 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

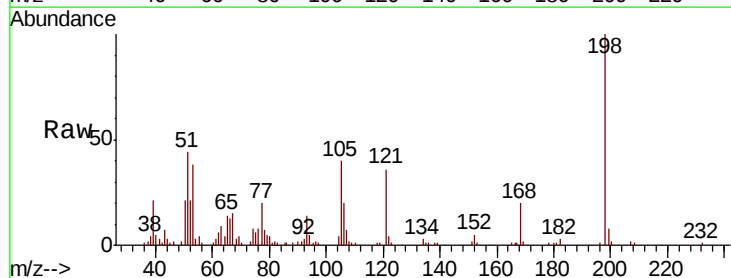
Tgt Ion:198 Resp: 45022

Ion Ratio Lower Upper

198 100

51 43.5 27.4 67.4

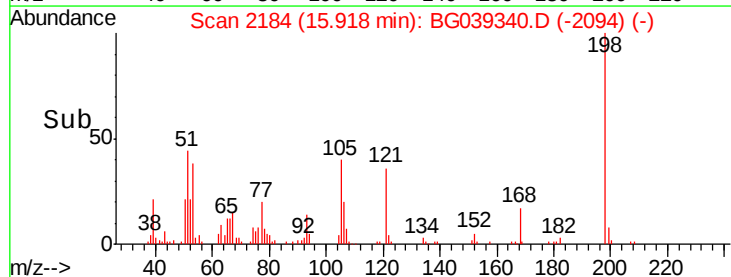
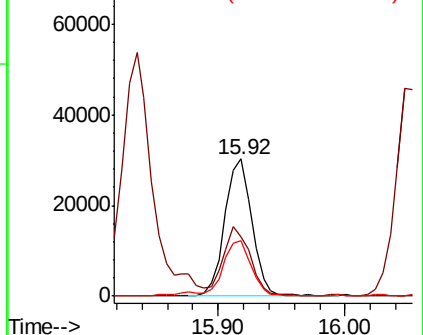
105 40.1 19.7 59.7

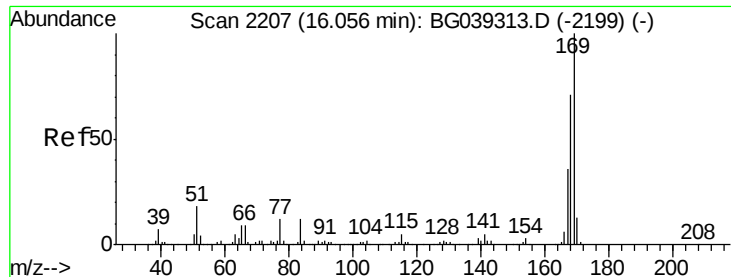


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

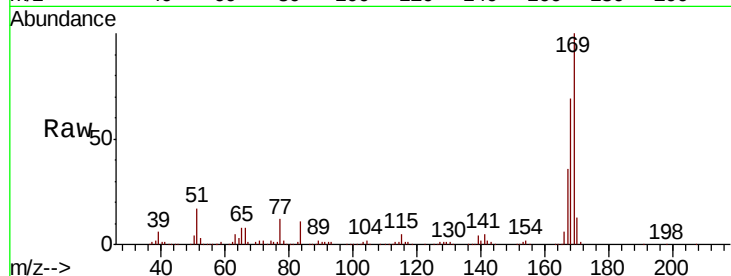




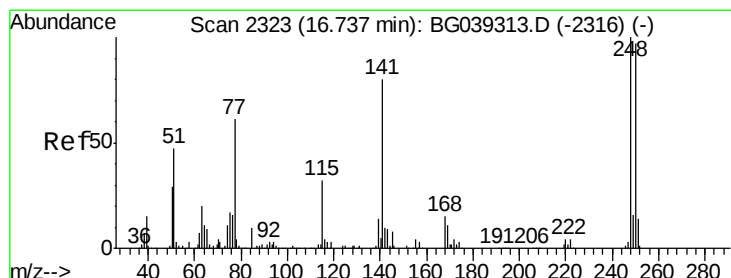
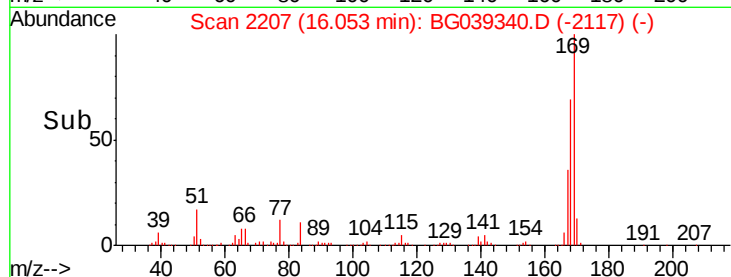
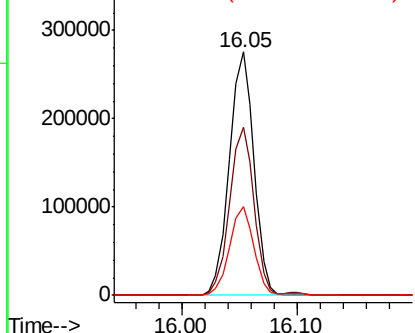
#66  
 n-Nitrosodiphenylamine  
 Concen: 38.358 ng  
 RT: 16.05 min Scan# 2207  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

Tgt Ion:169 Resp: 405354  
 Ion Ratio Lower Upper  
 169 100  
 168 69.1 56.6 85.0  
 167 36.3 28.8 43.2

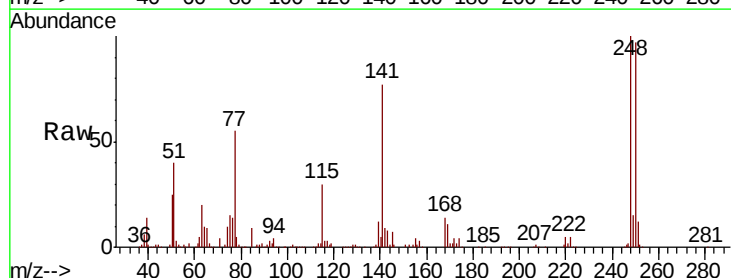


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

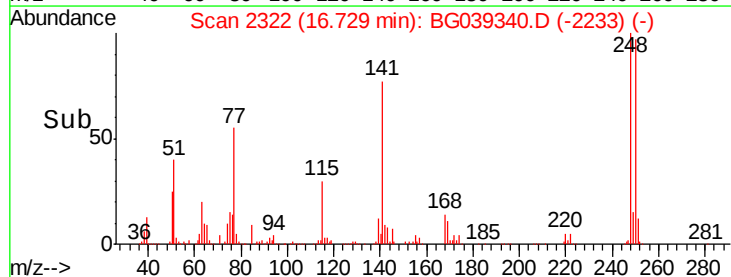
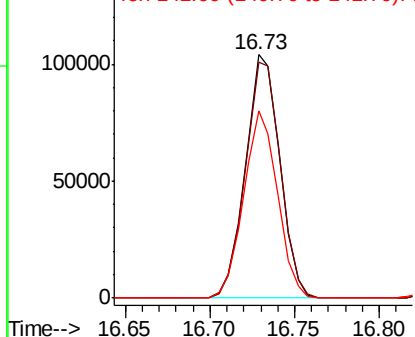


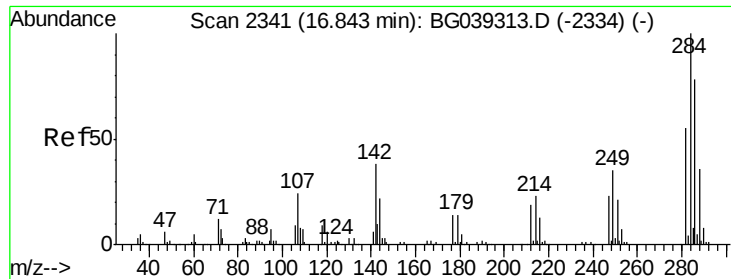
#67  
 4-Bromophenyl-phenylether  
 Concen: 38.130 ng  
 RT: 16.73 min Scan# 2322  
 Delta R.T. -0.01 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Tgt Ion:248 Resp: 147018  
 Ion Ratio Lower Upper  
 248 100  
 250 96.9 77.6 116.4  
 141 76.8 63.9 95.9



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

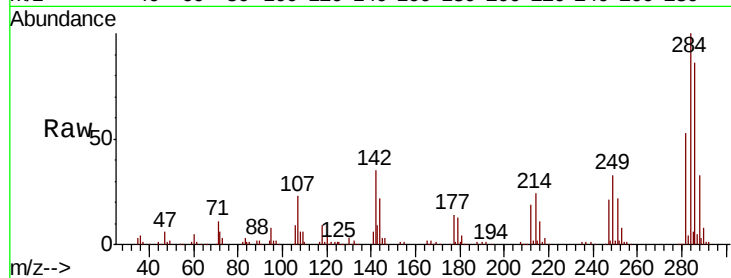




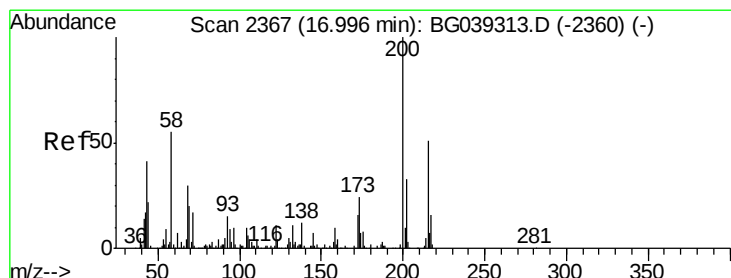
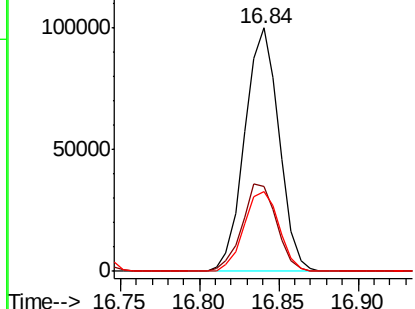
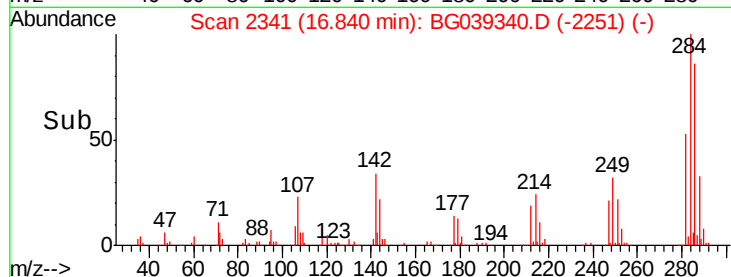
#68  
Hexachlorobenzene  
Concen: 38.707 ng  
RT: 16.84 min Scan# 2341  
Delta R.T. -0.00 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 284     | 149732 |       |       |
| 142     | 35.0   | 30.6  | 45.8  |
| 249     | 32.6   | 28.2  | 42.2  |

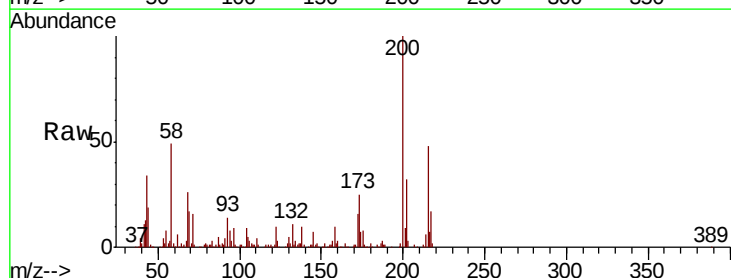


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

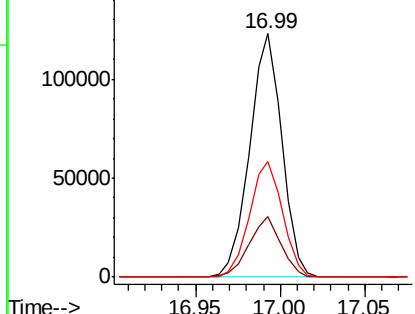
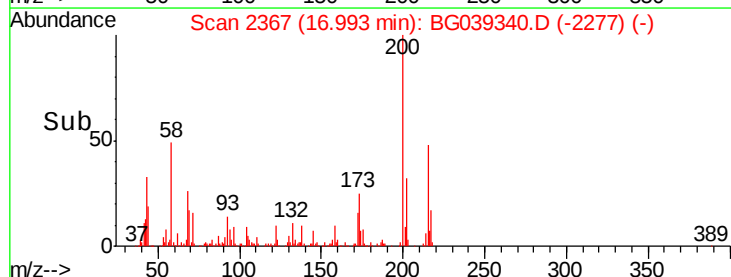


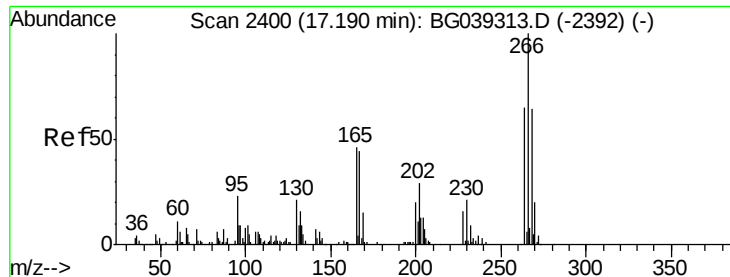
#69  
Atrazine  
Concen: 42.162 ng  
RT: 16.99 min Scan# 2367  
Delta R.T. -0.00 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 200     | 162825 |       |       |
| 173     | 24.9   | 3.9   | 43.9  |
| 215     | 47.7   | 30.9  | 70.9  |



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





#70

Pentachlorophenol

Concen: 65.020 ng

RT: 17.19 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

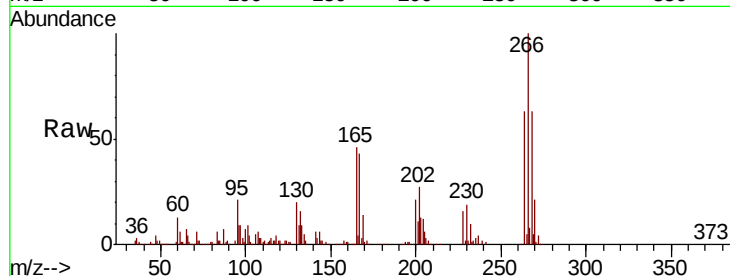
Tgt Ion:266 Resp: 174814

Ion Ratio Lower Upper

266 100

268 62.5 51.1 76.7

264 63.5 52.1 78.1

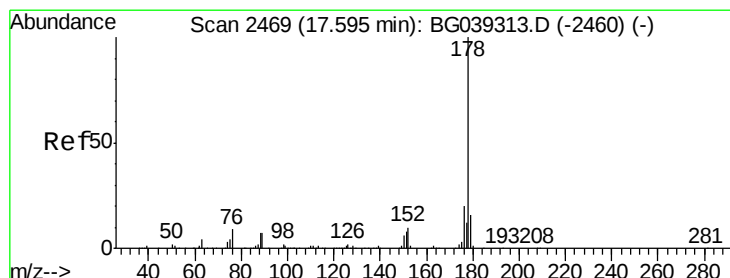
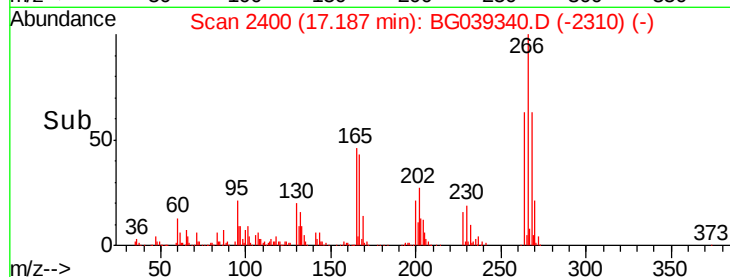
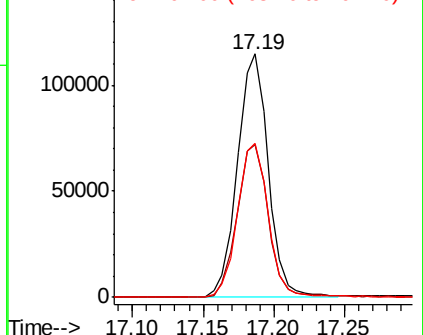


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 40.640 ng

RT: 17.59 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

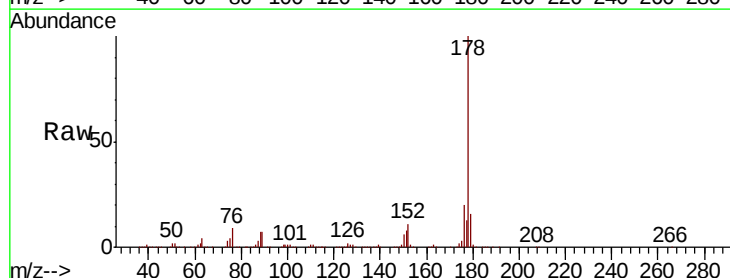
Tgt Ion:178 Resp: 731036

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

179 15.9 12.6 19.0

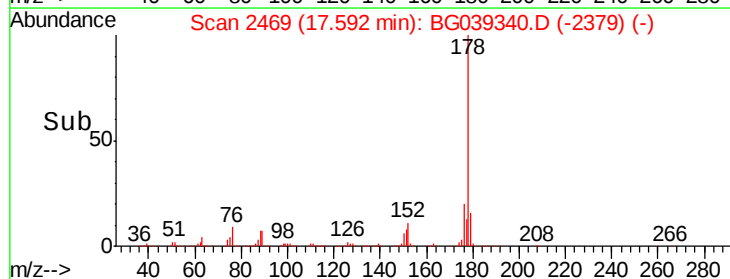
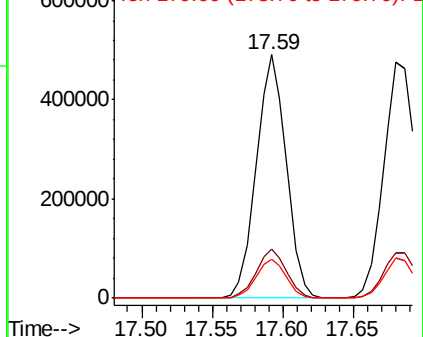


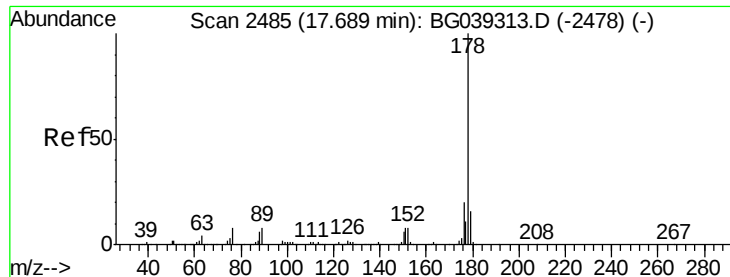
Abundance

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

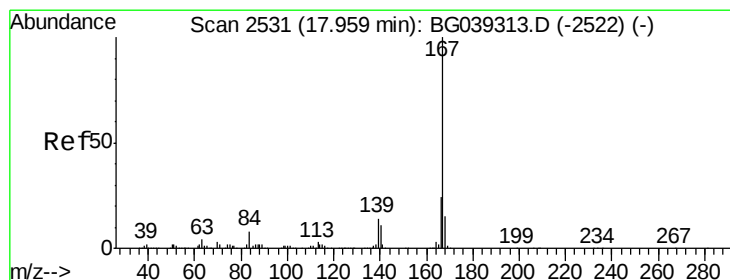
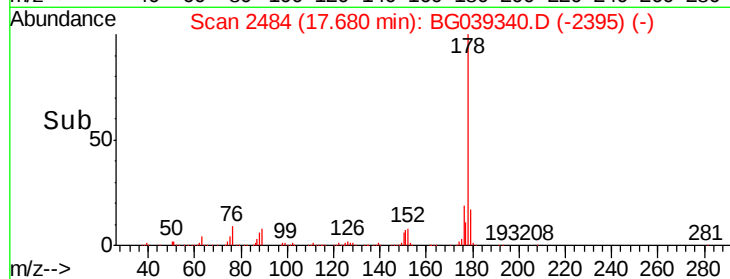
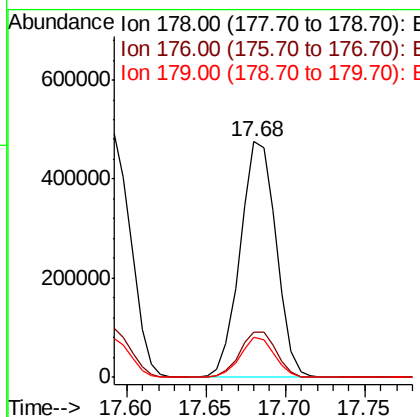
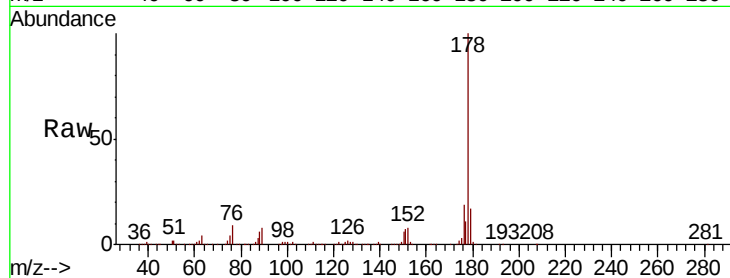




#72  
 Anthracene  
 Concen: 42.232 ng  
 RT: 17.68 min Scan# 2484  
 Delta R.T. -0.01 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

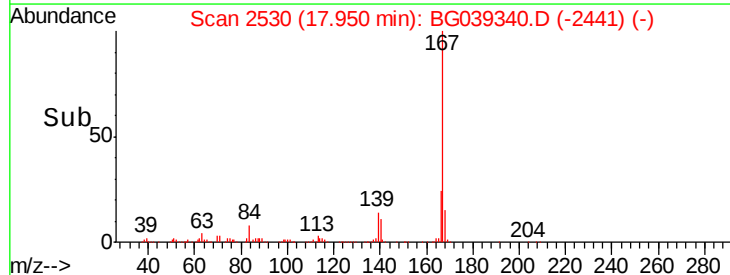
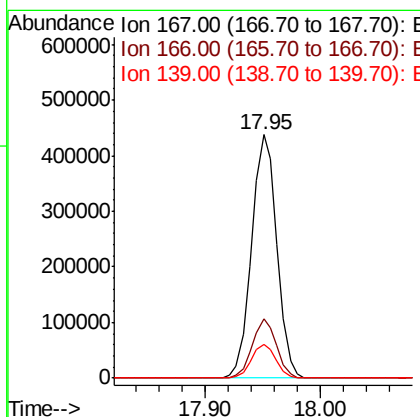
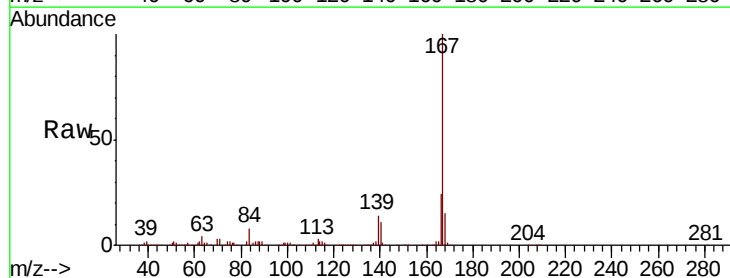
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

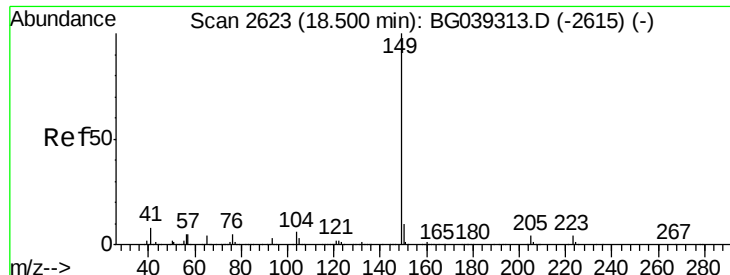
Tgt Ion:178 Resp: 748275  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 15.8 23.6  
 179 16.9 12.5 18.7



#73  
 Carbazole  
 Concen: 37.588 ng  
 RT: 17.95 min Scan# 2530  
 Delta R.T. -0.01 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Tgt Ion:167 Resp: 664649  
 Ion Ratio Lower Upper  
 167 100  
 166 24.2 19.4 29.2  
 139 13.6 10.8 16.2

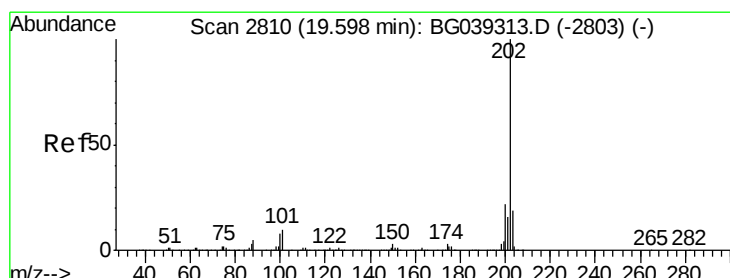
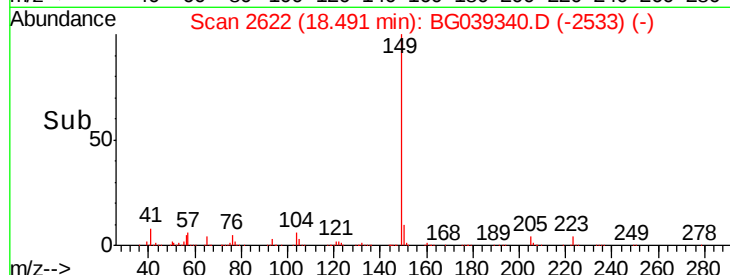
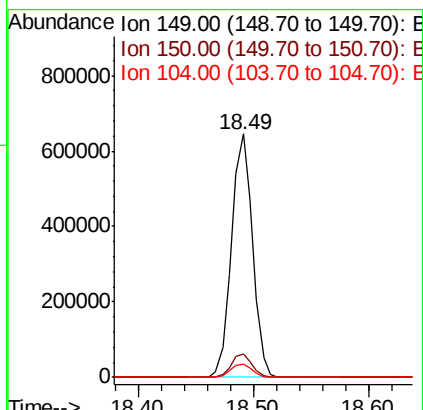
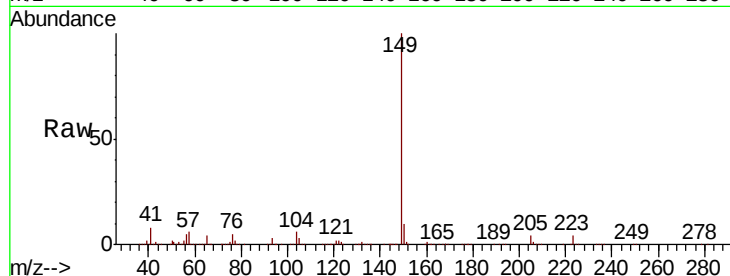




#74  
Di-n-butylphthalate  
Concen: 39.311 ng  
RT: 18.49 min Scan# 2622  
Delta R.T. -0.01 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

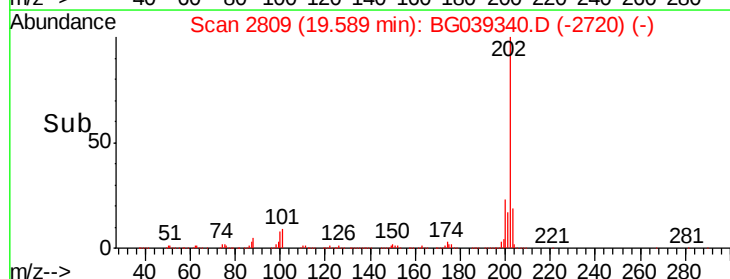
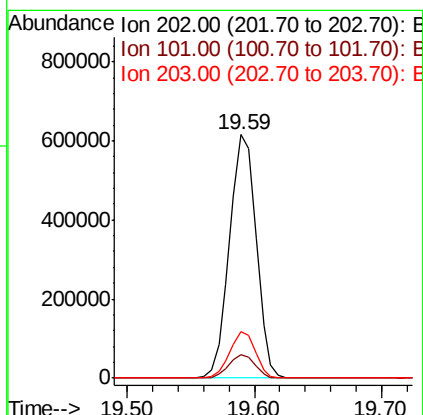
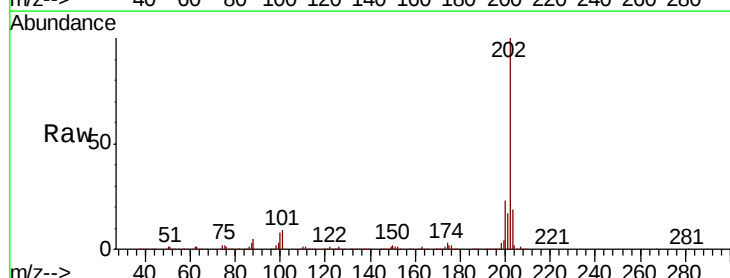
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

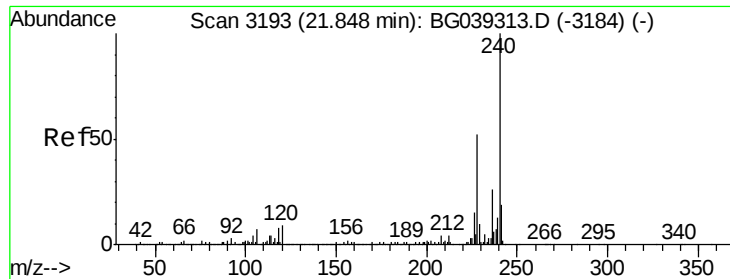
Tgt Ion:149 Resp: 810956  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.7 11.5  
104 5.6 4.5 6.7



#75  
Fluoranthene  
Concen: 42.755 ng  
RT: 19.59 min Scan# 2809  
Delta R.T. -0.01 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Tgt Ion:202 Resp: 892662  
Ion Ratio Lower Upper  
202 100  
101 9.5 0.0 30.0  
203 18.9 0.0 38.9

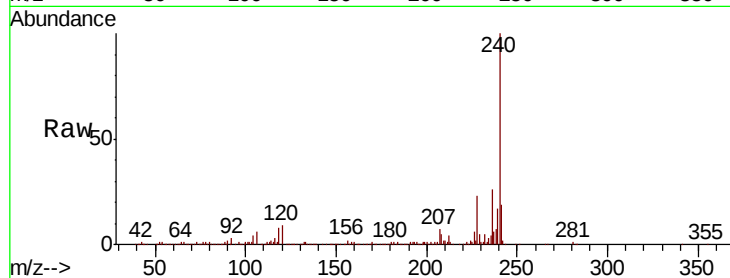




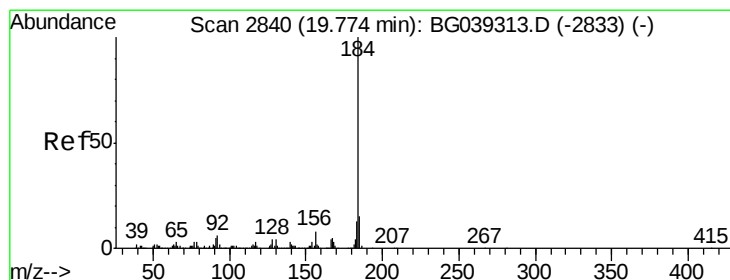
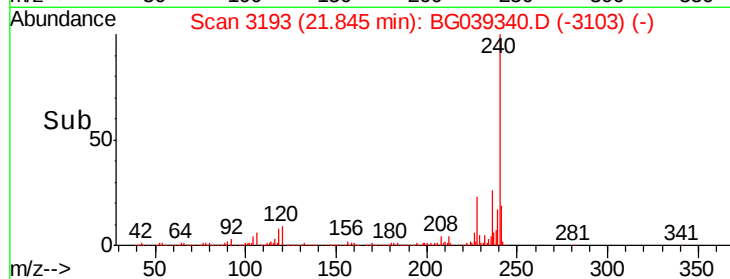
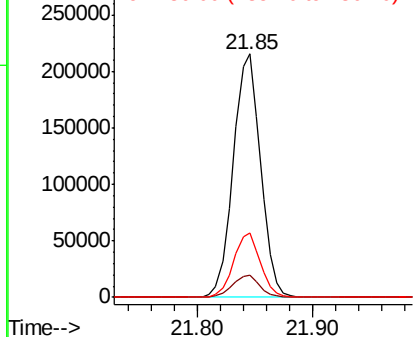
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.85 min Scan# 3193  
Delta R.T. -0.00 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MSD

Tgt Ion:240 Resp: 351717  
Ion Ratio Lower Upper  
240 100  
120 8.9 7.0 10.6  
236 26.3 21.0 31.4

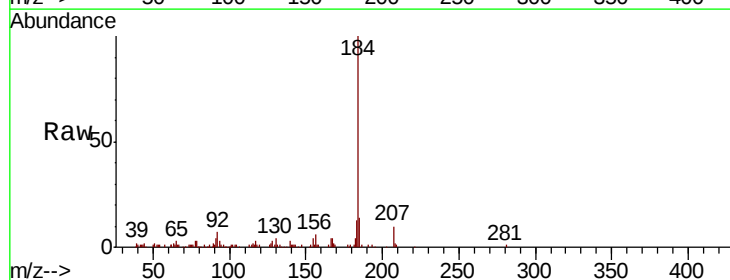


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

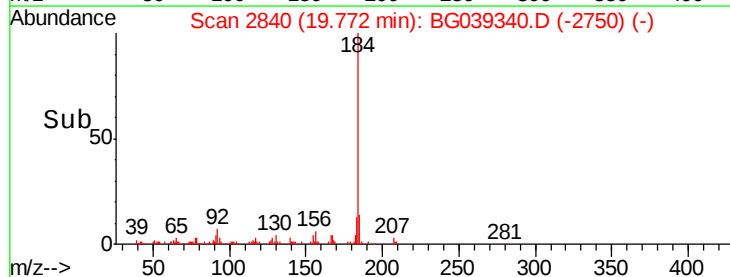
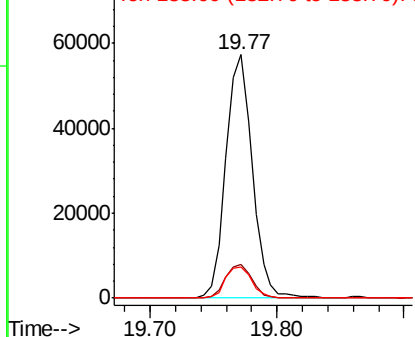


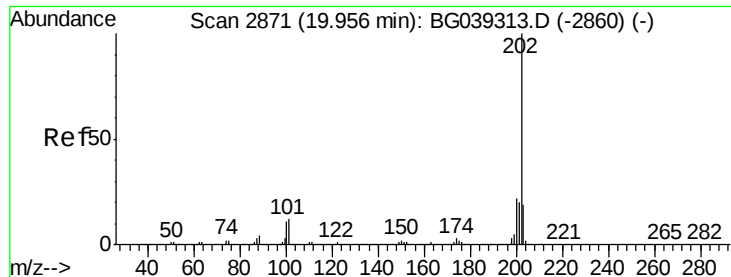
#77  
Benzidine  
Concen: 7.188 ng  
RT: 19.77 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: BG039340.D  
Acq: 30 Jan 2019 23:11

Tgt Ion:184 Resp: 82891  
Ion Ratio Lower Upper  
184 100  
185 14.0 12.2 18.2  
183 12.9 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E

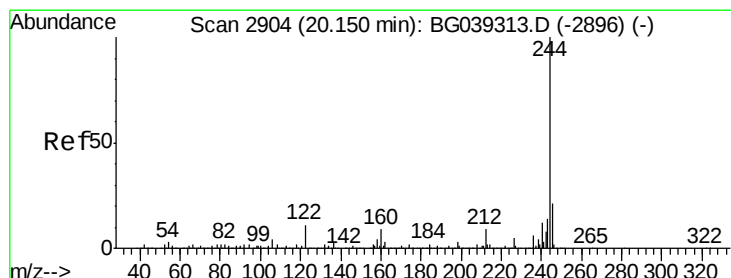
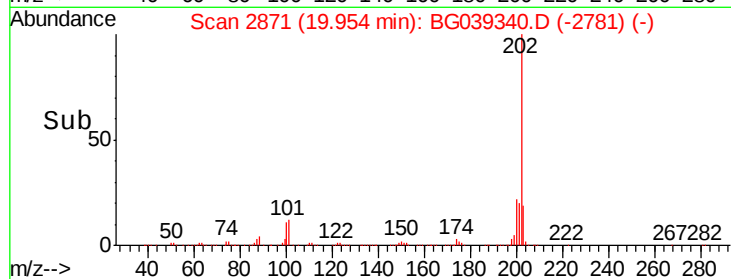
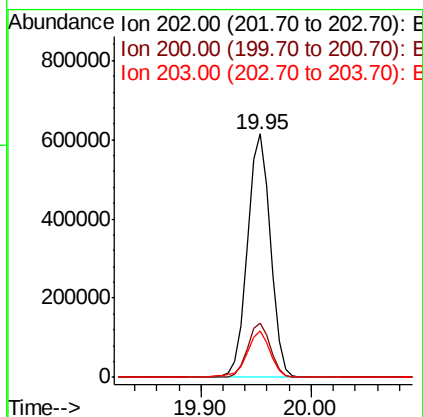
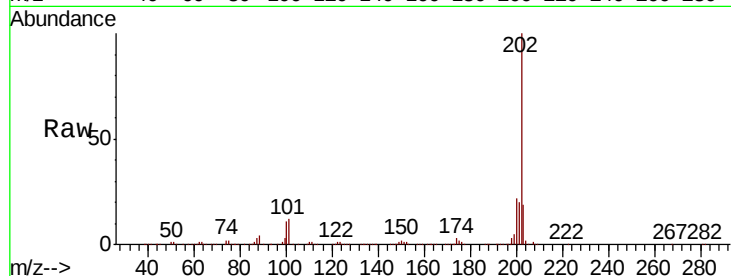




#78  
 Pyrene  
 Concen: 41.046 ng  
 RT: 19.95 min Scan# 2871  
 Delta R.T. -0.00 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

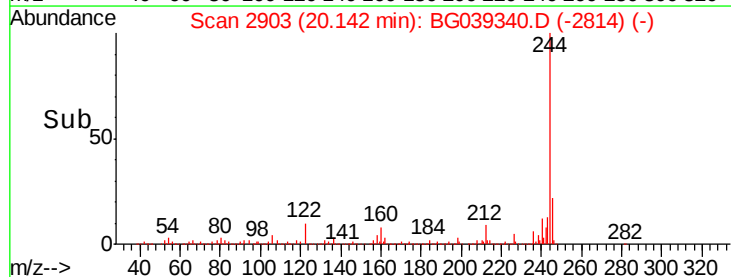
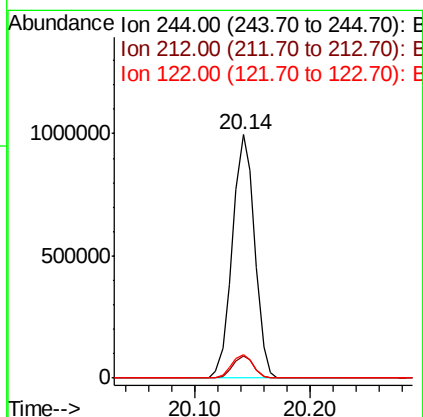
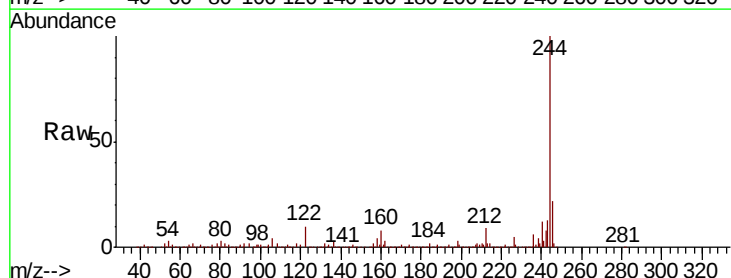
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

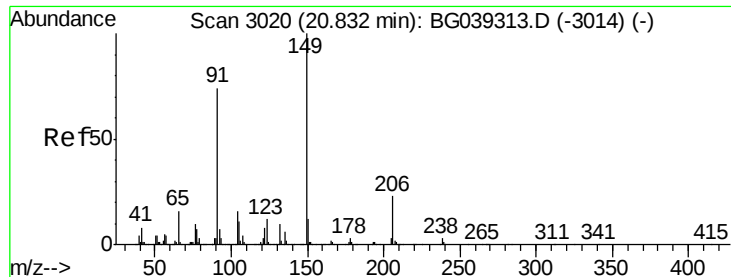
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.5  | 17.8  | 26.8  |
| 203     | 19.0  | 15.3  | 22.9  |



#79  
 Terphenyl-d14  
 Concen: 80.050 ng  
 RT: 20.14 min Scan# 2903  
 Delta R.T. -0.01 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.1   | 7.3   | 10.9  |
| 122     | 9.8   | 8.4   | 12.6  |





#80

Butylbenzylphthalate

Concen: 41.018 ng

RT: 20.83 min Scan# 3020

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

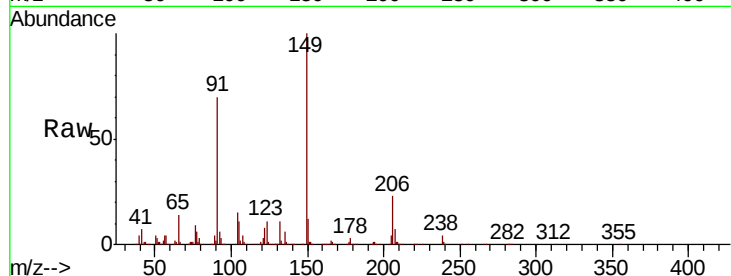
Tgt Ion:149 Resp: 378853

Ion Ratio Lower Upper

149 100

91 69.9 59.5 89.3

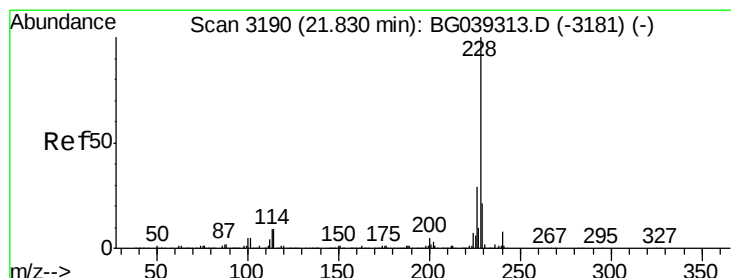
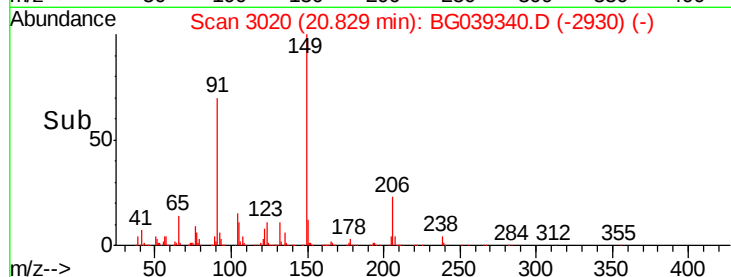
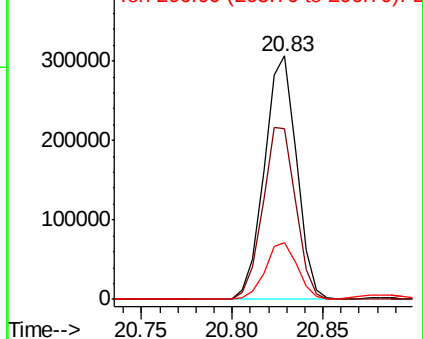
206 23.1 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 42.334 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

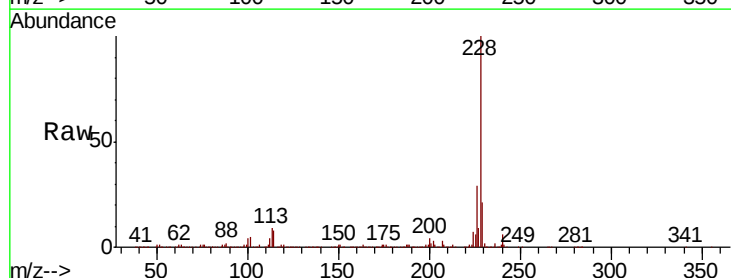
Tgt Ion:228 Resp: 879823

Ion Ratio Lower Upper

228 100

226 28.8 23.0 34.6

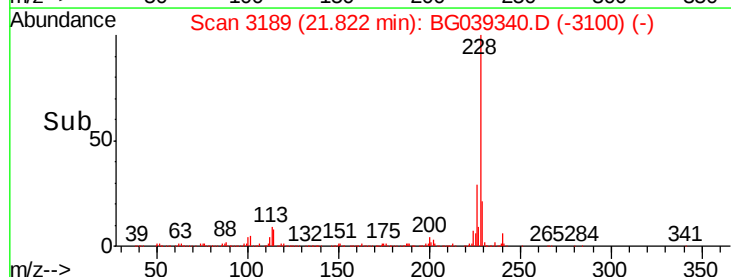
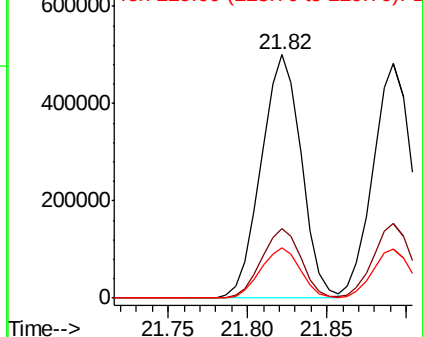
229 20.8 16.9 25.3

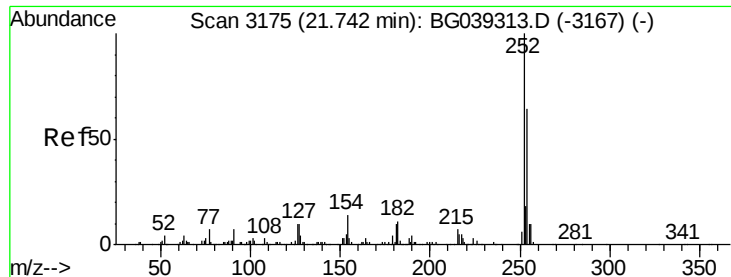


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

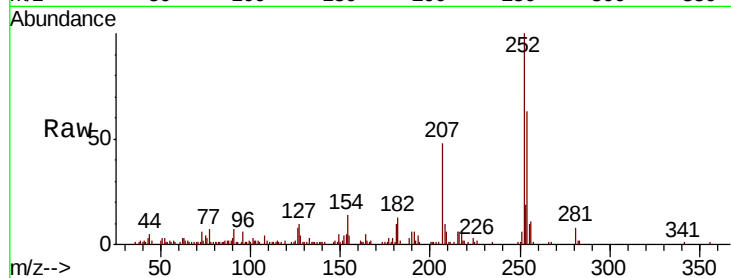




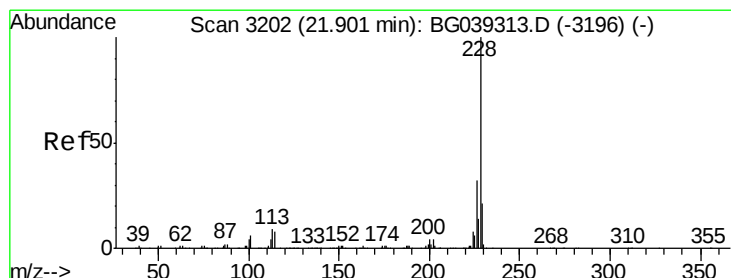
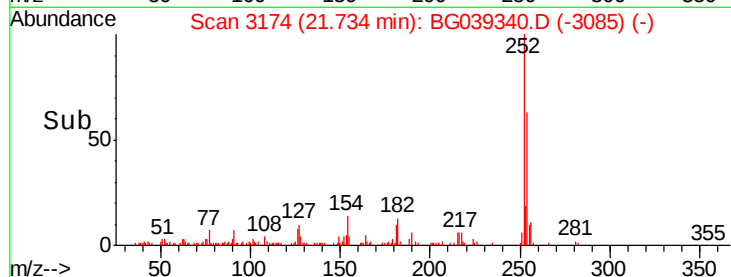
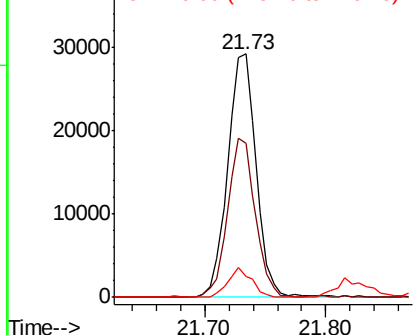
#82  
 3,3'-Dichlorobenzidine  
 Concen: 6.212 ng  
 RT: 21.73 min Scan# 3174  
 Delta R.T. -0.01 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

Tgt Ion:252 Resp: 47872  
 Ion Ratio Lower Upper  
 252 100  
 254 63.2 51.3 76.9  
 126 8.3 8.0 12.0

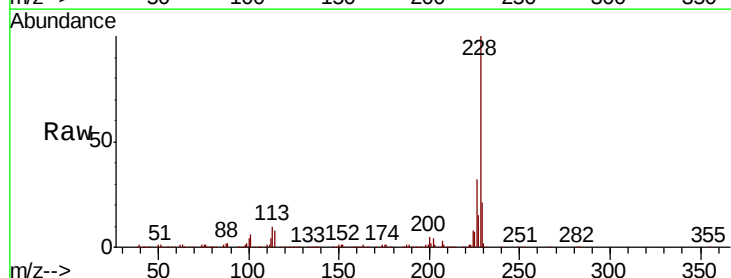


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

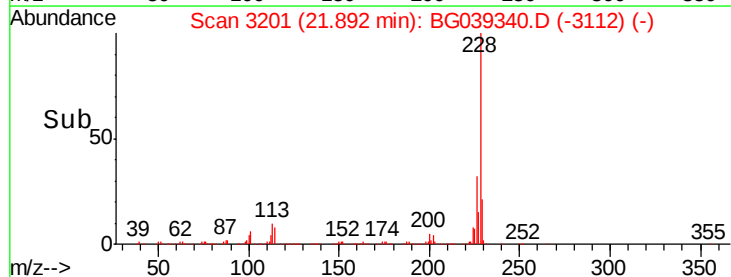
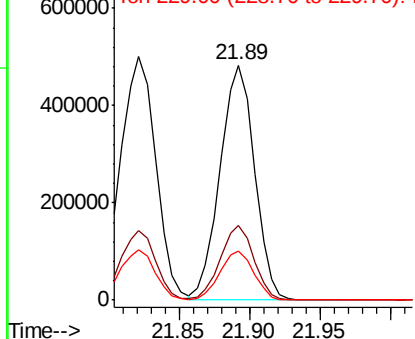


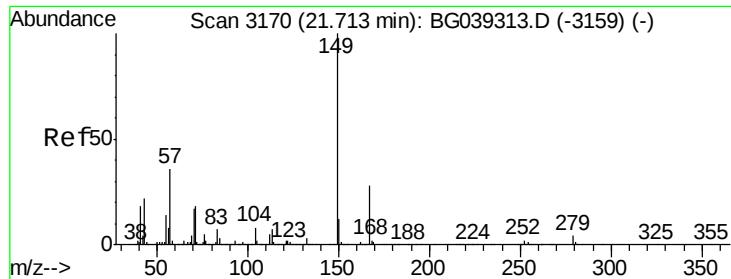
#83  
 Chrysene  
 Concen: 41.388 ng  
 RT: 21.89 min Scan# 3201  
 Delta R.T. -0.01 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Tgt Ion:228 Resp: 818805  
 Ion Ratio Lower Upper  
 228 100  
 226 31.6 25.8 38.6  
 229 21.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

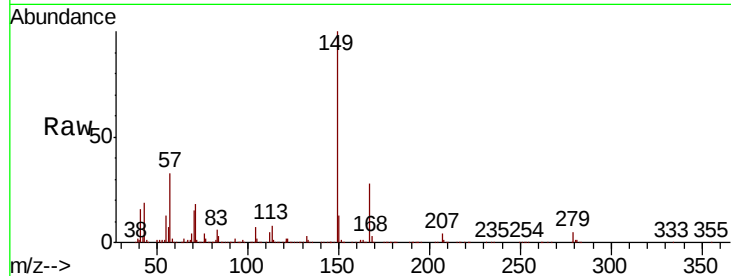




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.364 ng  
 RT: 21.70 min Scan# 3169  
 Delta R.T. -0.01 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.3  | 22.6  | 34.0  |
| 279     | 5.3   | 3.5   | 5.3#  |

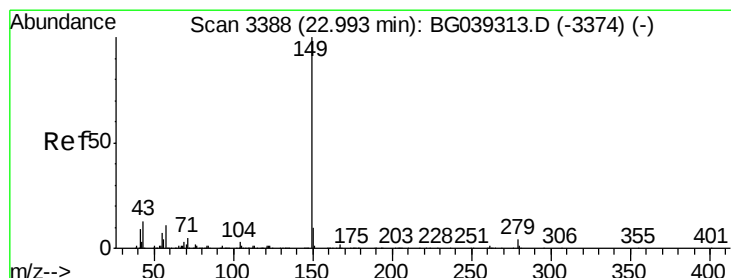
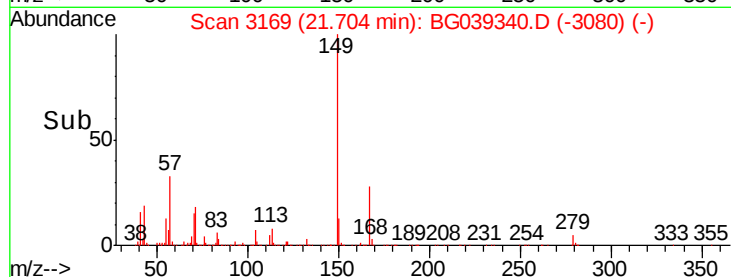
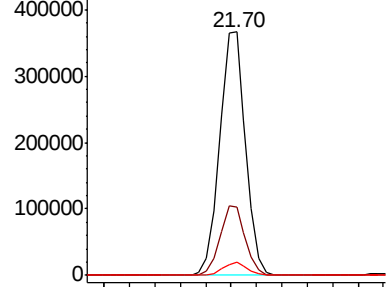


Abundance

Ion 149.00 (148.70 to 149.70): E

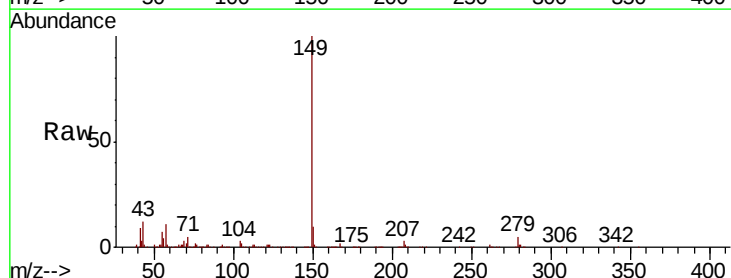
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85  
 Di-n-octyl phthalate  
 Concen: 41.594 ng  
 RT: 22.97 min Scan# 3385  
 Delta R.T. -0.02 min  
 Lab File: BG039340.D  
 Acq: 30 Jan 2019 23:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 11.9  | 10.2  | 15.4  |

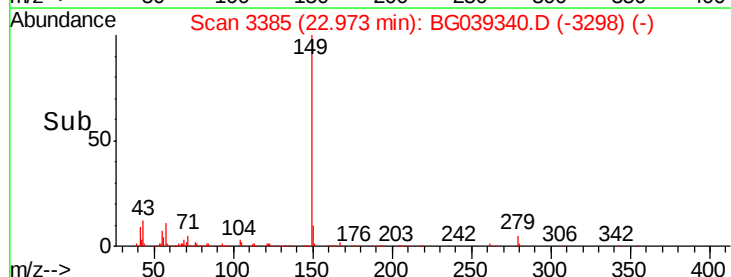
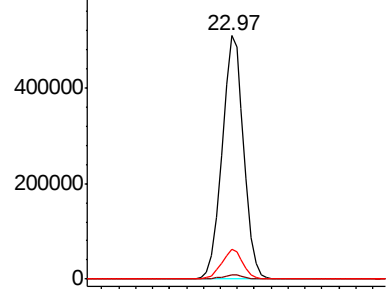


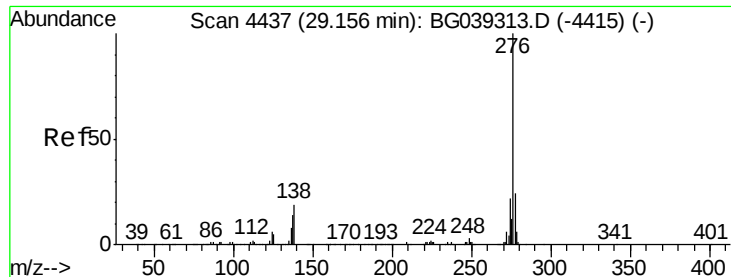
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 45.834 ng

RT: 29.14 min Scan# 4434

Delta R.T. -0.02 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

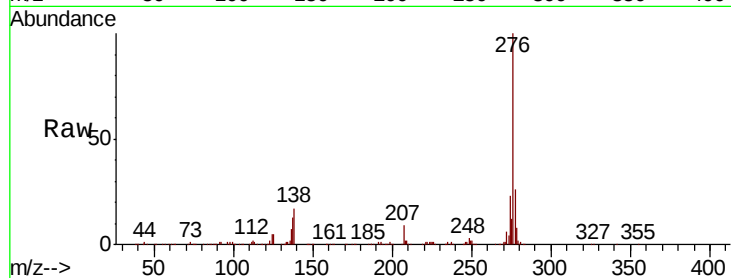
Tgt Ion:276 Resp: 972883

Ion Ratio Lower Upper

276 100

138 15.1 12.6 19.0

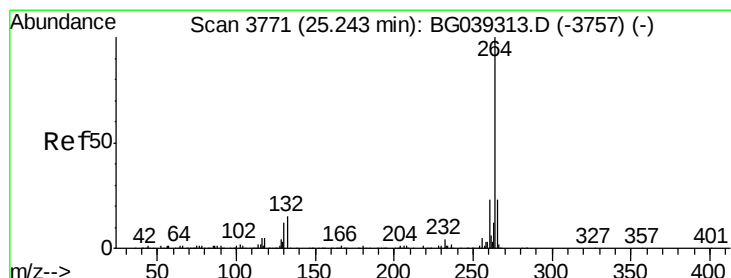
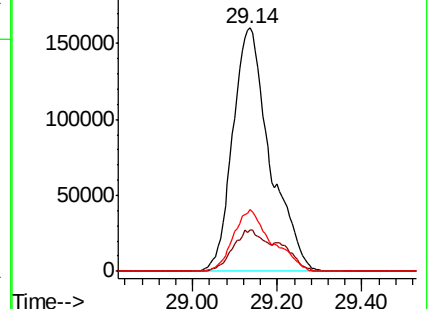
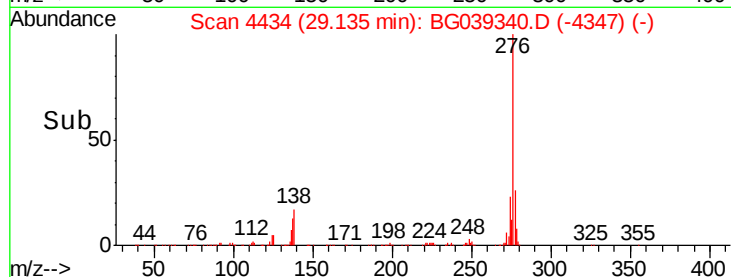
277 26.2 20.8 31.2



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: 25.23 min Scan# 3769

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

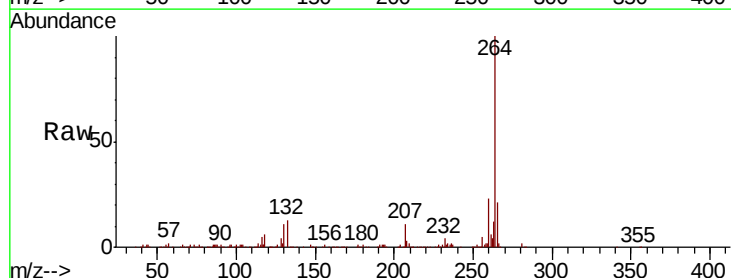
Tgt Ion:264 Resp: 362922

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

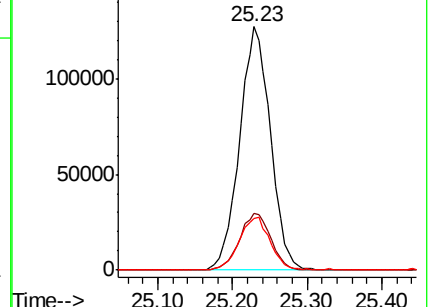
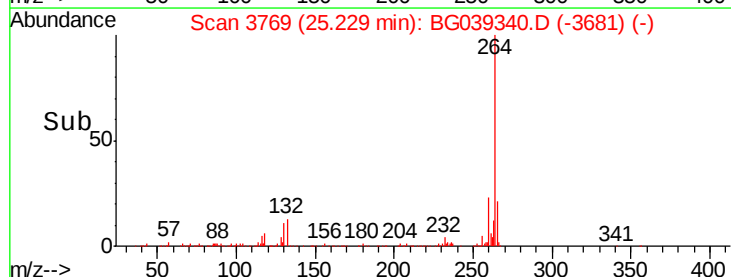
265 21.4 18.5 27.7

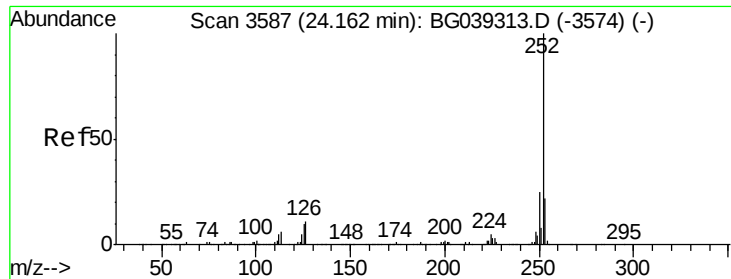


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 43.641 ng

RT: 24.15 min Scan# 3585

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

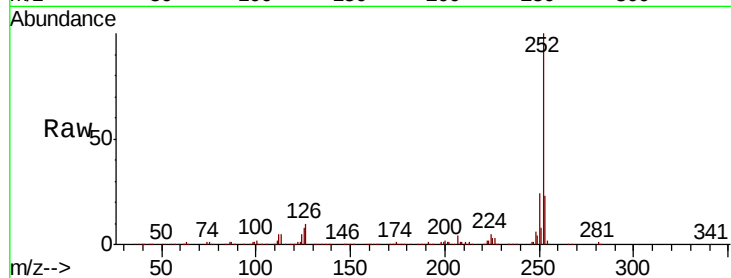
Tgt Ion:252 Resp: 863752

Ion Ratio Lower Upper

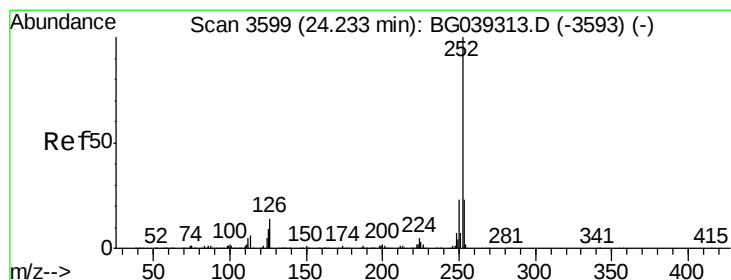
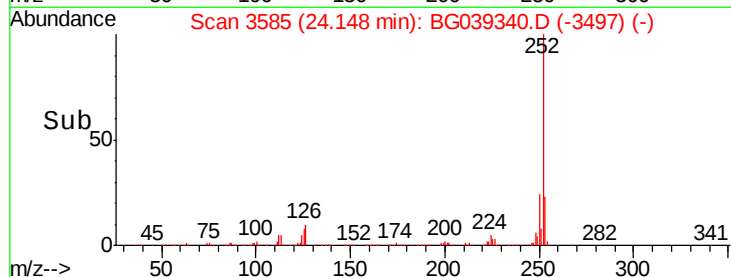
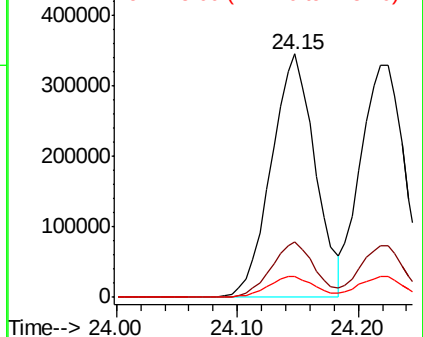
252 100

253 22.6 17.8 26.8

125 8.4 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 42.003 ng

RT: 24.22 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

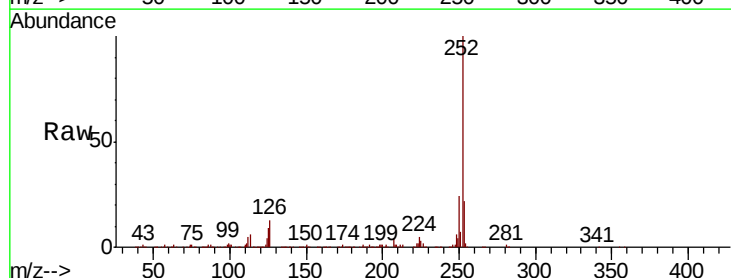
Tgt Ion:252 Resp: 834640

Ion Ratio Lower Upper

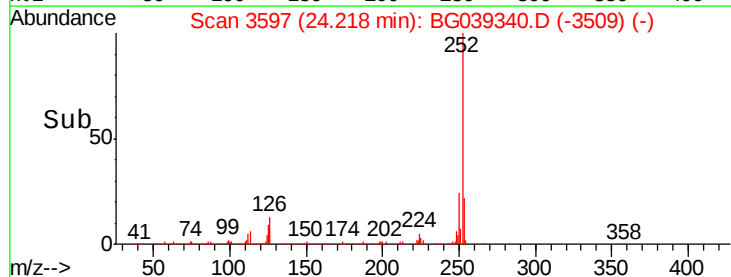
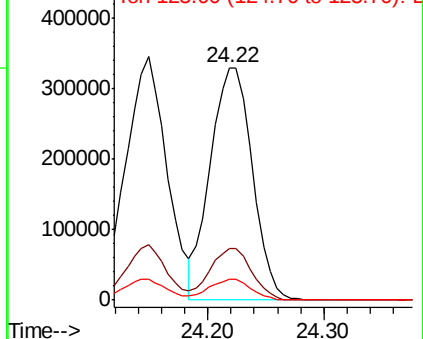
252 100

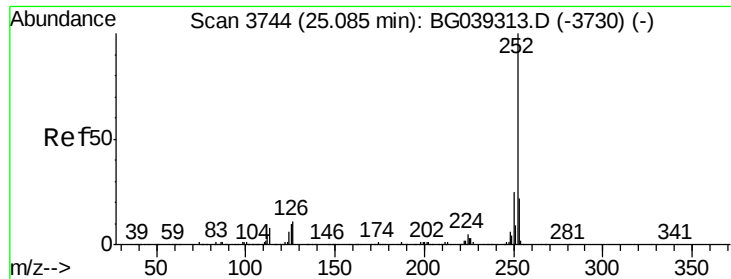
253 22.4 18.2 27.2

125 8.9 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 44.225 ng

RT: 25.07 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

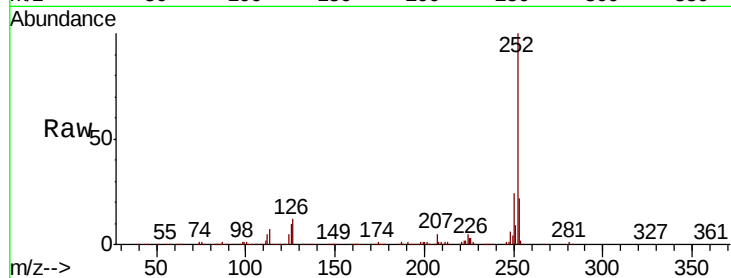
Tgt Ion:252 Resp: 842986

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

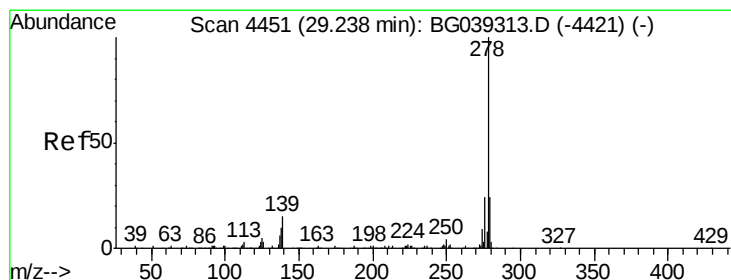
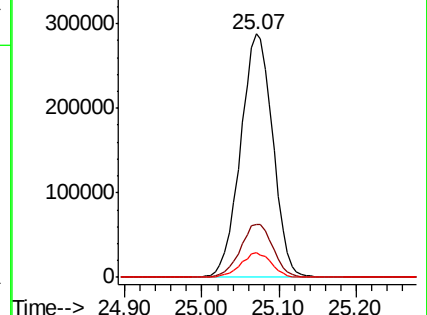
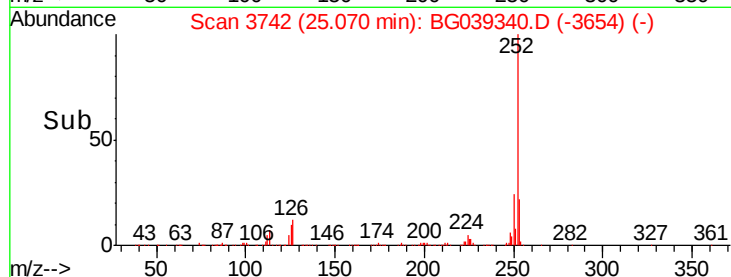
125 10.0 8.3 12.5



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: 43.863 ng

RT: 29.21 min Scan# 4446

Delta R.T. -0.03 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

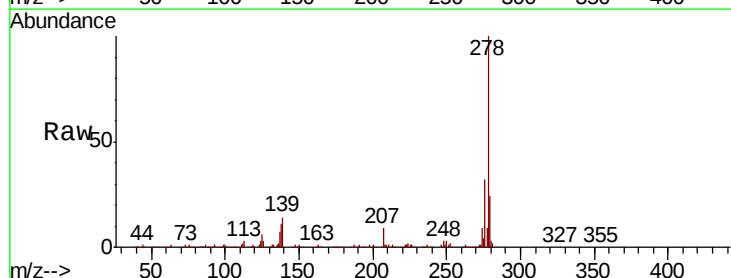
Tgt Ion:278 Resp: 783000

Ion Ratio Lower Upper

278 100

139 14.3 11.7 17.5

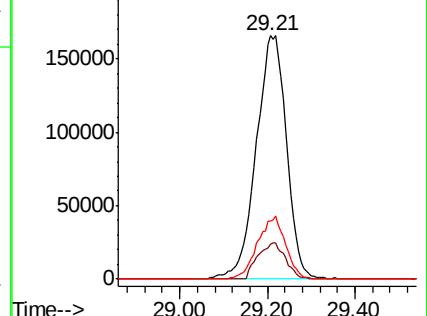
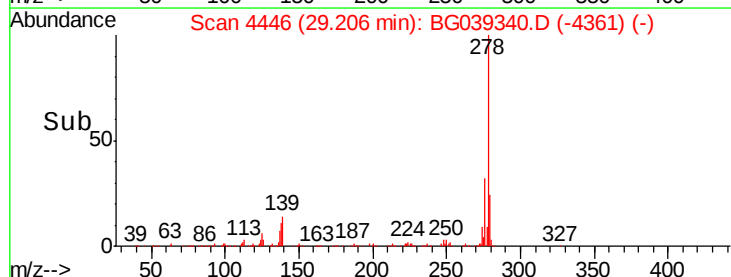
279 23.9 19.1 28.7

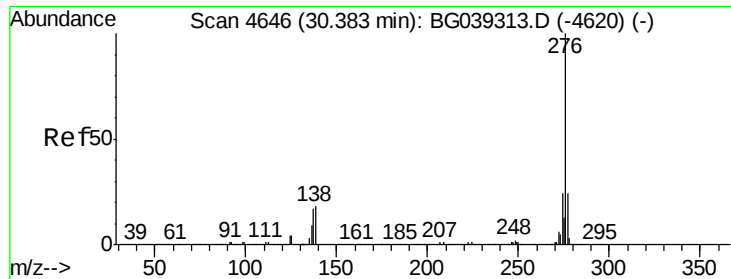


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 45.054 ng

RT: 30.37 min Scan# 4644

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA\_G

ClientSampleId :

TP-1MSD

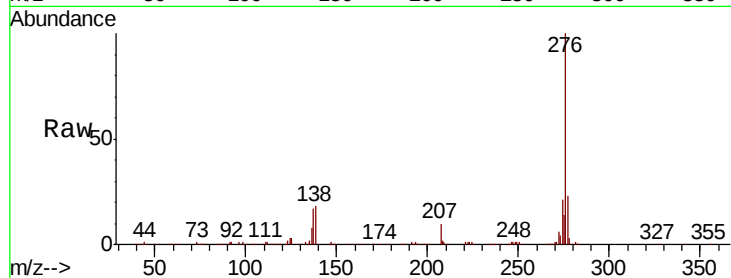
Tgt Ion: 276 Resp: 801616

Ion Ratio Lower Upper

276 100

277 22.7 19.6 29.4

138 18.5 14.7 22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

