

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\  
 Data File : BG035207.D  
 Acq On : 16 Jun 2018 14:22  
 Operator : SJ/JU  
 Sample : J3504-04MS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

Manual Integrations  
 APPROVED

Sohil  
 6/18/2018 10:43:02 AM

Quant Time: Jun 18 02:34:24 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 08 17:16:28 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 44319    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.87 | 136  | 176184   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 14.69 | 164  | 134840   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.43 | 188  | 363857   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.70 | 240  | 378745   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 24.92 | 264  | 367091   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 376567  | 143.39 | ng | 0.00  |
| 7) Phenol-d6             | 7.22  | 99  | 516400  | 133.23 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 412890  | 111.40 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.17 | 330 | 311697  | 180.58 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 13.31 | 172 | 941128  | 90.73  | ng | -0.02 |
| 78) Terphenyl-d14        | 20.03 | 244 | 1794450 | 99.24  | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.56  | 88  | 37718  | 30.103 | ng | # 76   |
| 3) Pyridine                    | 3.96  | 79  | 110722 | 32.751 | ng | # 71   |
| 4) n-Nitrosodimethylamine      | 3.86  | 42  | 50079  | 34.480 | ng | # 74   |
| 6) Aniline                     | 7.38  | 93  | 67414  | 13.455 | ng | 95     |
| 8) 2-Chlorophenol              | 7.63  | 128 | 129813 | 47.158 | ng | 98     |
| 9) Benzaldehyde                | 7.20  | 77  | 89183  | 29.871 | ng | 95     |
| 10) Phenol                     | 7.25  | 94  | 166787 | 41.580 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 134492 | 43.198 | ng | 88     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 141339 | 43.033 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 8.10  | 146 | 142705 | 42.089 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 139208 | 43.711 | ng | 98     |
| 15) Benzyl Alcohol             | 8.30  | 79  | 164659 | 44.833 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 153242 | 49.453 | ng | 78     |
| 17) 2-Methylphenol             | 8.49  | 107 | 131753 | 49.820 | ng | # 93   |
| 18) Hexachloroethane           | 9.15  | 117 | 50910  | 41.942 | ng | 86     |
| 19) n-Nitroso-di-n-propylamine | 8.87  | 70  | 135527 | 41.156 | ng | # 83   |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 181924 | 47.993 | ng | 95     |
| 22) Acetophenone               | 8.88  | 105 | 243069 | 44.537 | ng | # 90   |
| 24) Nitrobenzene               | 9.26  | 77  | 195421 | 51.488 | ng | 96     |
| 25) Isophorone                 | 9.79  | 82  | 386372 | 49.374 | ng | 99     |
| 26) 2-Nitrophenol              | 9.98  | 139 | 78325  | 59.869 | ng | # 86   |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 145731 | 52.995 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 200715 | 47.729 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 166884 | 55.774 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 169476 | 47.236 | ng | 98     |
| 31) Naphthalene                | 10.92 | 128 | 444854 | 48.604 | ng | 99     |
| 32) Benzoic acid               | 10.16 | 122 | 70831  | 38.455 | ng | 98     |
| 33) 4-Chloroaniline            | 11.03 | 127 | 10218  | 2.571  | ng | # 85   |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 127286 | 45.617 | ng | 95     |
| 35) Caprolactam                | 11.80 | 113 | 43898m | 39.698 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 209841 | 56.260 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 352473 | 50.795 | ng | 93     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 232762 | 46.344 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.87 | 237 | 289271 | 91.844 | ng | 90     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\  
 Data File : BG035207.D  
 Acq On : 16 Jun 2018 14:22  
 Operator : SJ/JU  
 Sample : J3504-04MS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

Manual Integrations  
 APPROVED

Sohil  
 6/18/2018 10:43:02 AM

Quant Time: Jun 18 02:34:24 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 08 17:16:28 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.12 | 196  | 161188   | 53.597 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.19 | 196  | 178182   | 53.981 | nq    | 98       |
| 45) 1,1'-Biphenyl              | 13.52 | 154  | 488914   | 45.092 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.56 | 162  | 386920   | 47.199 | nq    | 98       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 141284   | 58.365 | nq    | 94       |
| 48) Acenaphthylene             | 14.41 | 152  | 659314   | 47.965 | nq    | 97       |
| 49) Dimethylphthalate          | 14.14 | 163  | 558098   | 47.464 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.26 | 165  | 130043   | 60.622 | nq    | 90       |
| 51) Acenaphthene               | 14.75 | 154  | 406253   | 45.234 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.58 | 138  | 30580    | 14.528 | nq    | # 88     |
| 53) 2,4-Dinitrophenol          | 14.79 | 184  | 78907    | 90.891 | nq    | # 65     |
| 54) Dibenzofuran               | 15.09 | 168  | 648343   | 48.201 | nq    | 94       |
| 55) 4-Nitrophenol              | 14.89 | 139  | 145986   | 82.176 | nq    | 89       |
| 56) 2,4-Dinitrotoluene         | 15.04 | 165  | 185442   | 65.077 | nq    | 89       |
| 57) Fluorene                   | 15.73 | 166  | 536020   | 47.683 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 183049   | 57.084 | nq    | 93       |
| 59) Diethylphthalate           | 15.50 | 149  | 564307   | 47.039 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.72 | 204  | 307846   | 48.025 | nq    | 98       |
| 61) 4-Nitroaniline             | 15.75 | 138  | 122047   | 54.065 | nq    | # 82     |
| 62) Azobenzene                 | 16.01 | 77   | 567419   | 48.267 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 81594    | 49.116 | nq    | 85       |
| 65) n-Nitrosodiphenylamine     | 15.94 | 169  | 488515   | 44.707 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.61 | 248  | 216654   | 49.445 | nq    | 96       |
| 67) Hexachlorobenzene          | 16.73 | 284  | 215864   | 48.402 | nq    | 98       |
| 68) Atrazine                   | 16.88 | 200  | 221524   | 47.539 | nq    | 97       |
| 69) Pentachlorophenol          | 17.08 | 266  | 219642   | 73.240 | nq    | 98       |
| 70) Phenanthrene               | 17.47 | 178  | 896184   | 48.486 | nq    | 96       |
| 71) Anthracene                 | 17.56 | 178  | 907090   | 48.994 | nq    | 98       |
| 72) Carbazole                  | 17.83 | 167  | 818795   | 47.664 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.39 | 149  | 940731   | 45.946 | nq    | # 98     |
| 74) Fluoranthene               | 19.47 | 202  | 1149960  | 47.812 | nq    | 97       |
| 76) Benzidine                  | 19.65 | 184  | 89137    | 6.326  | nq    | 96       |
| 77) Pyrene                     | 19.84 | 202  | 1162337  | 46.552 | nq    | 96       |
| 79) Butylbenzylphthalate       | 20.72 | 149  | 430591   | 47.492 | nq    | 98       |
| 80) Benzo(a)anthracene         | 21.68 | 228  | 1174562  | 48.530 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 123293   | 13.540 | nq    | # 94     |
| 82) Chrysene                   | 21.75 | 228  | 1091697  | 49.265 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 595083   | 46.451 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 22.80 | 149  | 1020519  | 46.432 | nq    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.60 | 276  | 1131722  | 43.606 | nq    | # 84     |
| 87) Benzo(b)fluoranthene       | 23.90 | 252  | 1129166  | 49.949 | nq    | # 97     |
| 88) Benzo(k)fluoranthene       | 23.97 | 252  | 1120988  | 50.692 | nq    | # 98     |
| 89) Benzo(a)pyrene             | 24.78 | 252  | 1087071  | 51.104 | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 28.68 | 278  | 882493   | 42.026 | nq    | # 94     |
| 91) Benzo(g,h,i)perylene       | 29.75 | 276  | 940404   | 45.761 | nq    | # 95     |

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

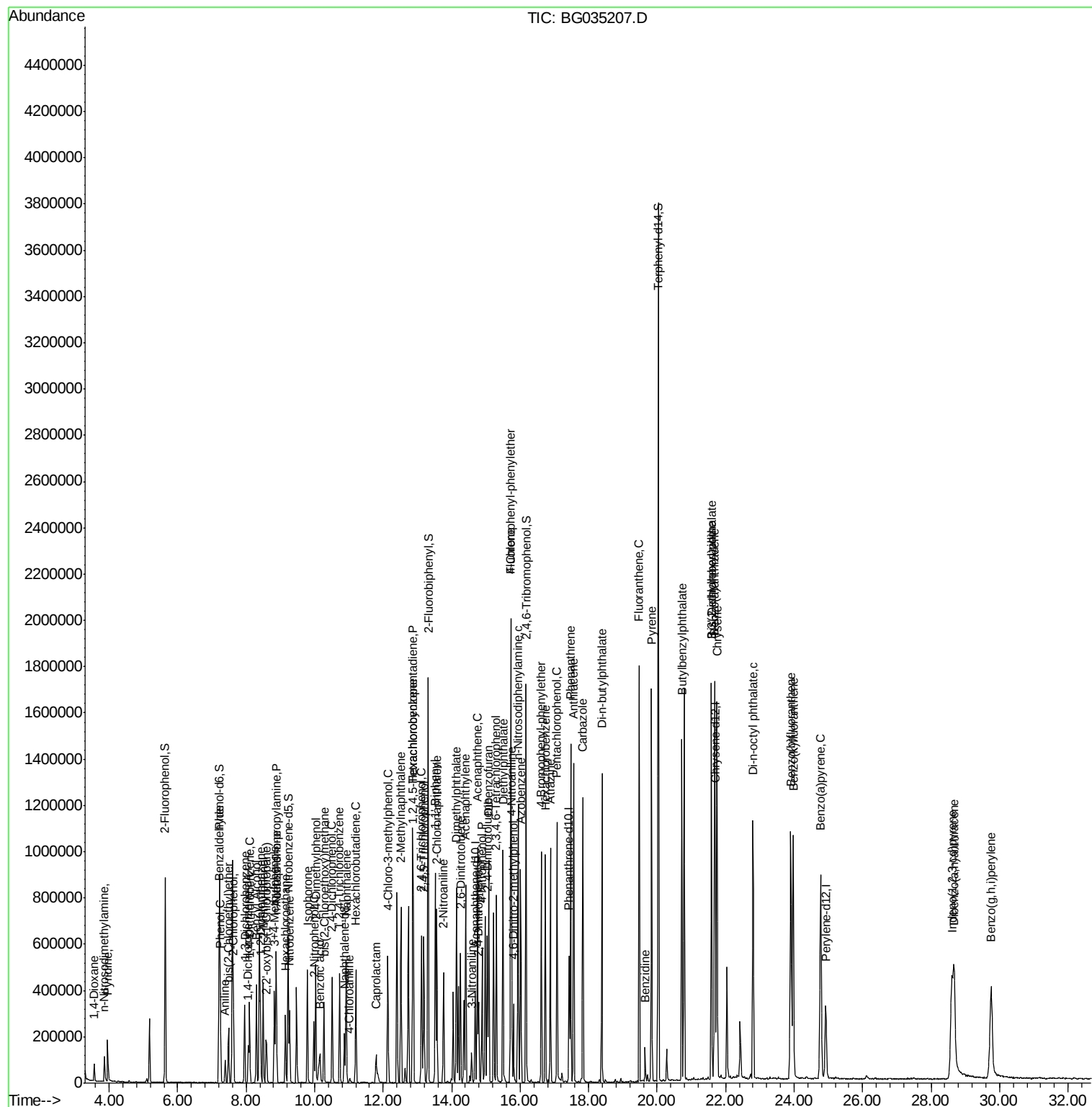
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\  
Data File : BG035207.D  
Acq On : 16 Jun 2018 14:22  
Operator : SJ/JU  
Sample : J3504-04MS  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

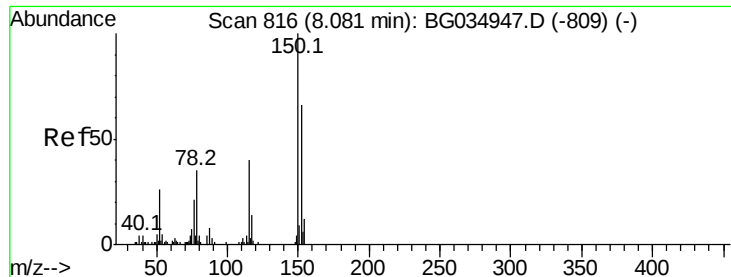
Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM

Quant Time: Jun 18 02:34:24 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 08 17:16:28 2018  
Response via : Initial Calibration





#1

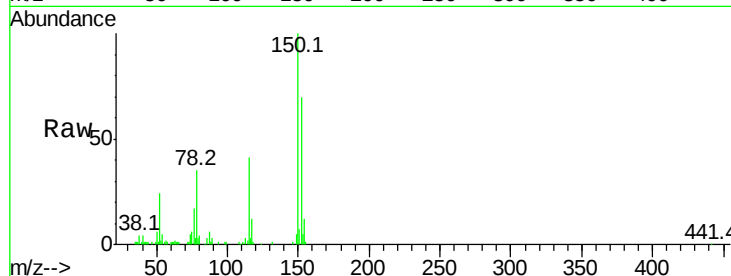
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 812  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

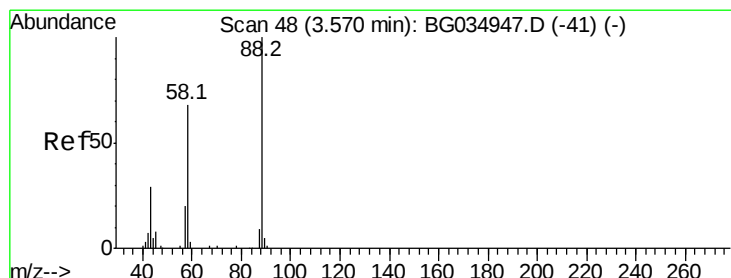
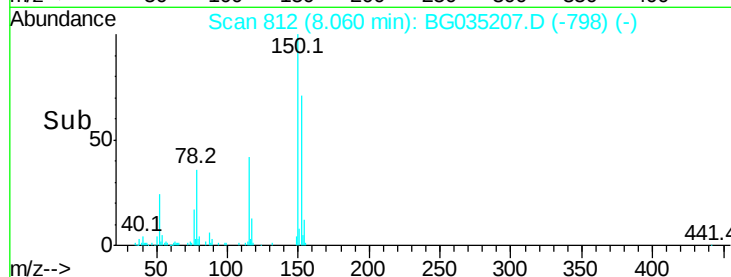
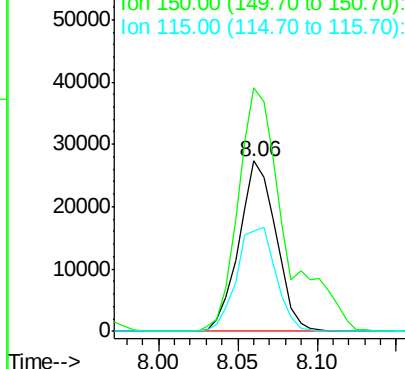
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 143.1 | 126.6 | 189.8 |
| 115     | 59.1  | 53.0  | 79.4  |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



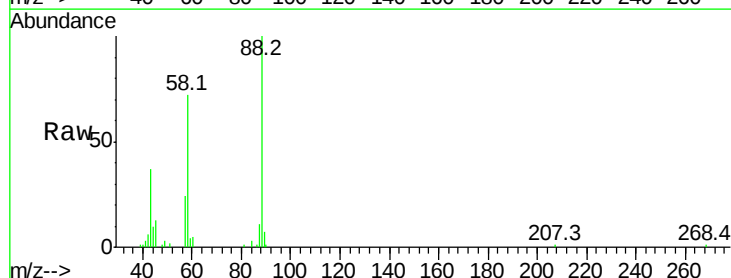
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



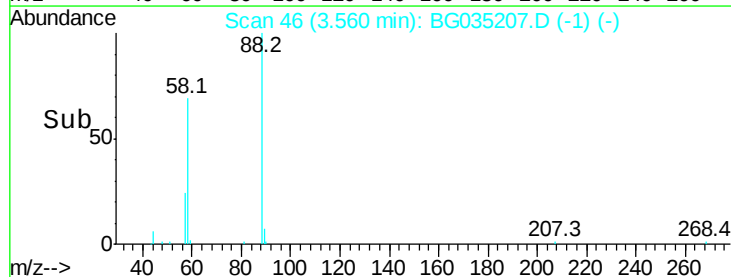
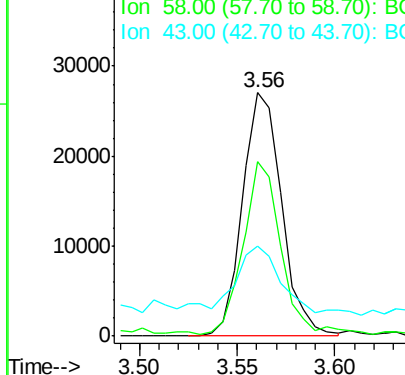
#2

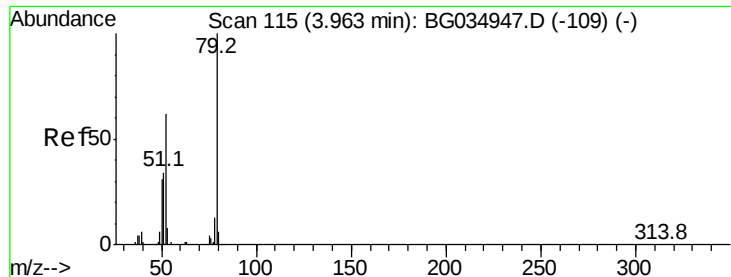
1,4-Dioxane  
Concen: 30.103 ng  
RT: 3.56 min Scan# 46  
Delta R.T. -0.00 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 67.6  | 79.6  | 119.4# |
| 43      | 33.0  | 27.4  | 41.0   |



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





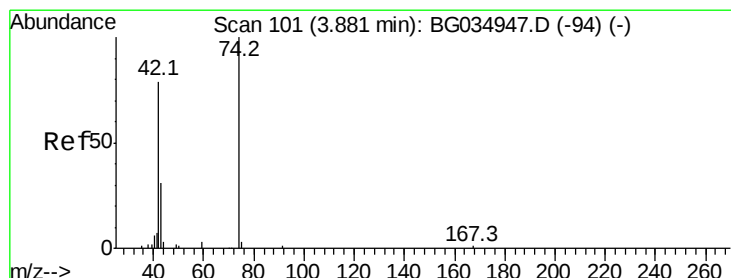
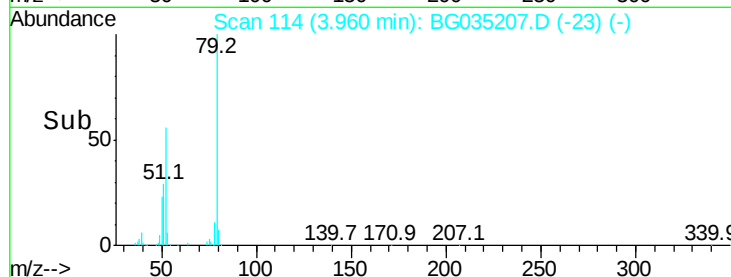
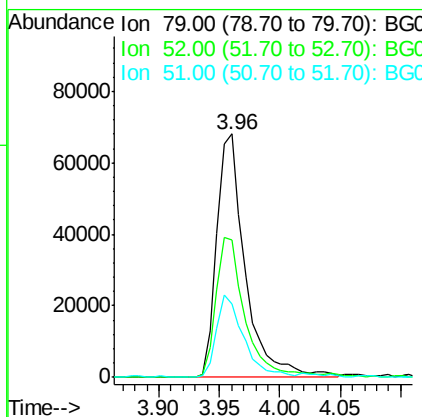
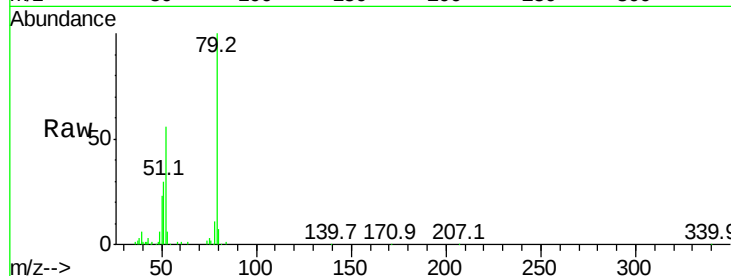
#3  
 Pvridine  
 Concen: 32.751 ng  
 RT: 3.96 min Scan# 114  
 Delta R.T. 0.00 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 79      | 100   |       |        |
| 52      | 56.4  | 69.9  | 104.9# |
| 51      | 30.3  | 34.0  | 51.0#  |

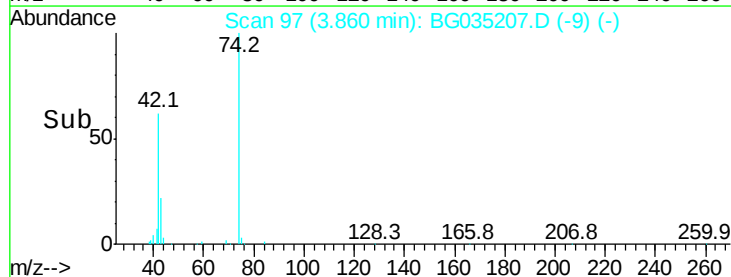
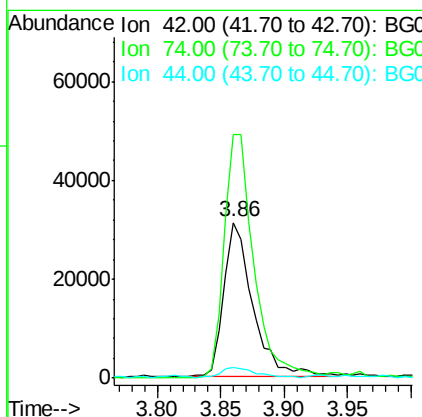
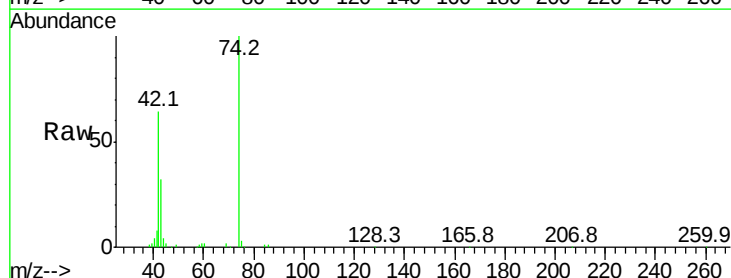
Manual Integrations  
 APPROVED

Sohil  
 6/18/2018 10:43:02 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 34.480 ng  
 RT: 3.86 min Scan# 97  
 Delta R.T. -0.02 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 156.0 | 102.5 | 153.7# |
| 44      | 6.5   | 18.9  | 28.3#  |





#5

2-Fluorophenol

Concen: 143.392 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.00 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

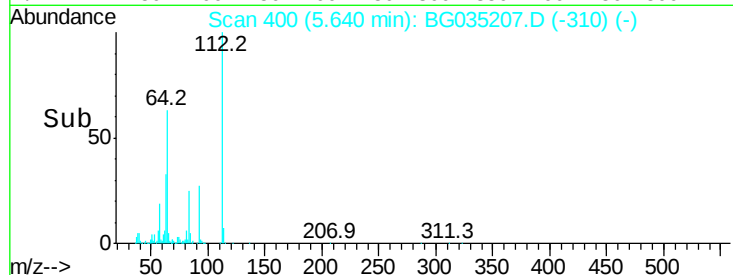
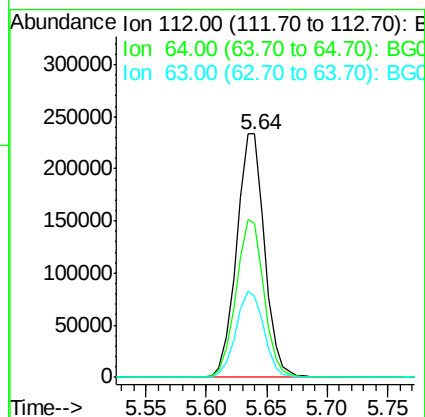
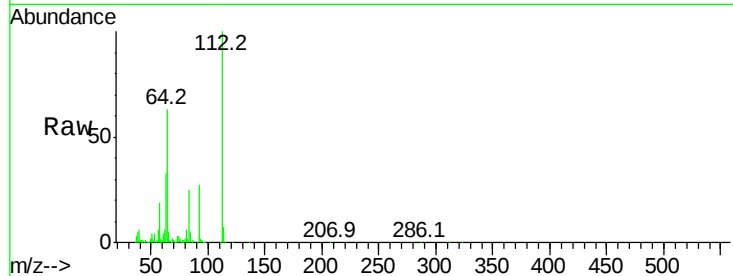
ClientSampleId :

SB-44COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 376567 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 63.1  | 56.3  | 84.5   |
| 63        | 33.3  | 30.1  | 45.1   |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



#6

Aniline

Concen: 13.455 ng

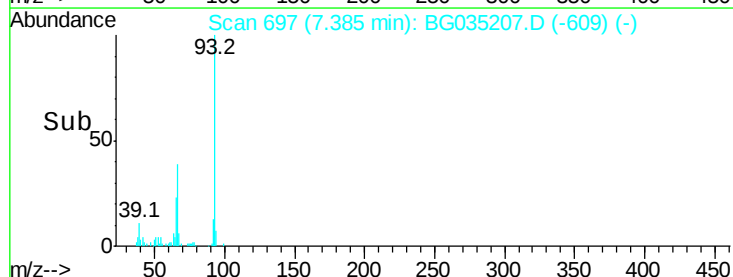
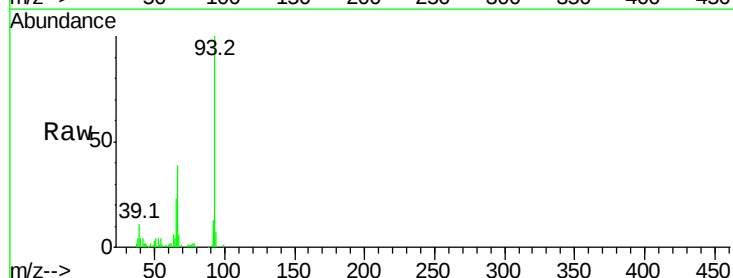
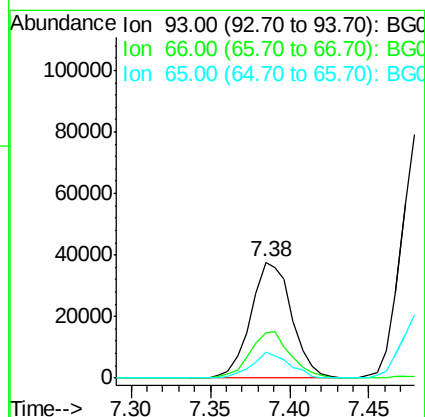
RT: 7.38 min Scan# 697

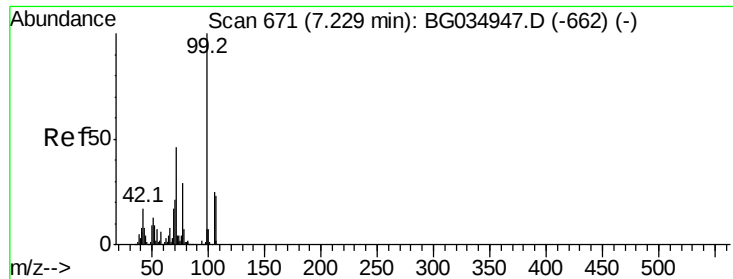
Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 67414 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 38.9  | 33.7  | 50.5  |
| 65        | 22.7  | 16.1  | 24.1  |





#7

Phenol-d6

Concen: 133.229 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

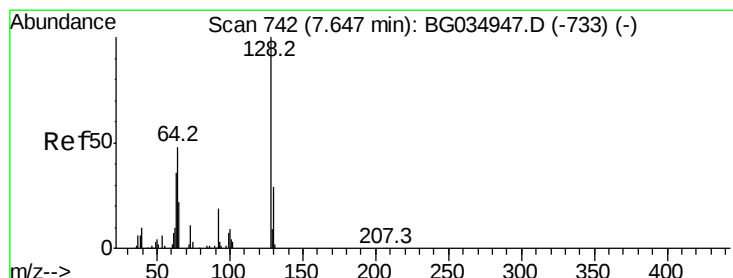
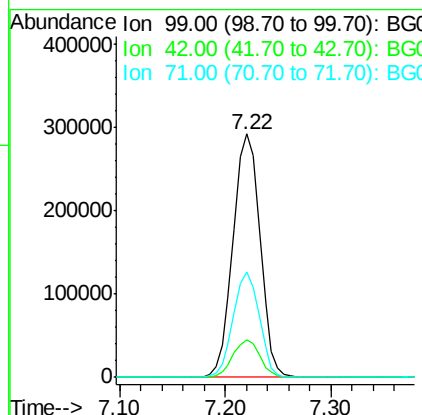
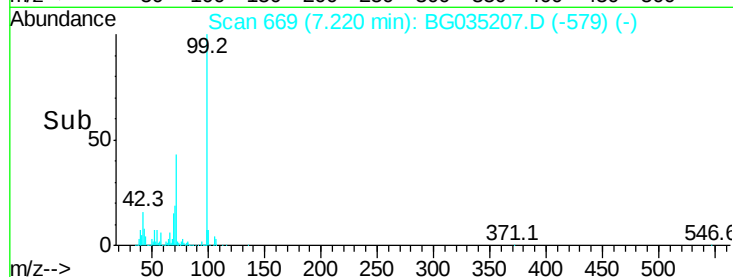
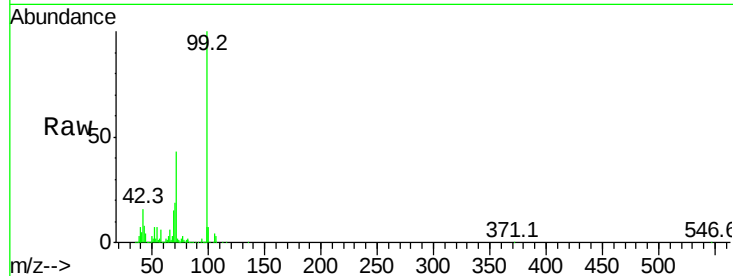
ClientSampleId :

SB-44COMPMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 99      | 100   |            |       |
| 42      | 15.7  | 14.1       | 21.1  |
| 71      | 43.5  | 26.1       | 39.1  |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



#8

2-Chlorophenol

Concen: 47.158 ng

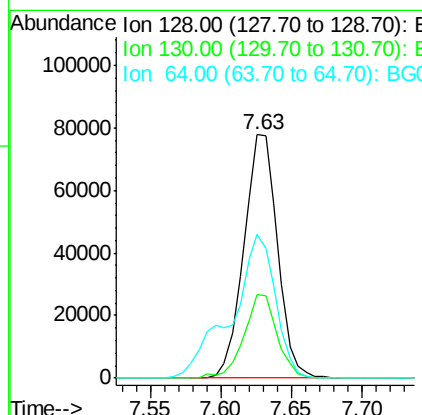
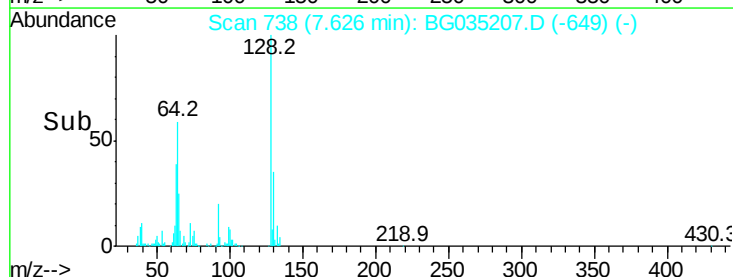
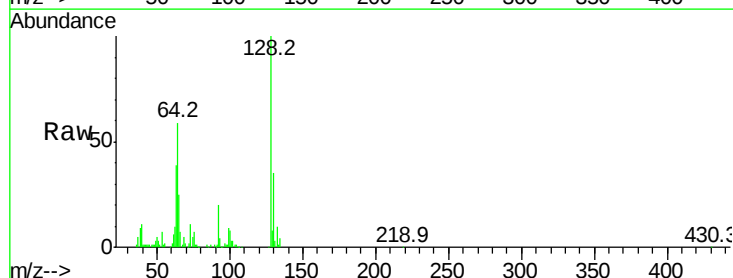
RT: 7.63 min Scan# 738

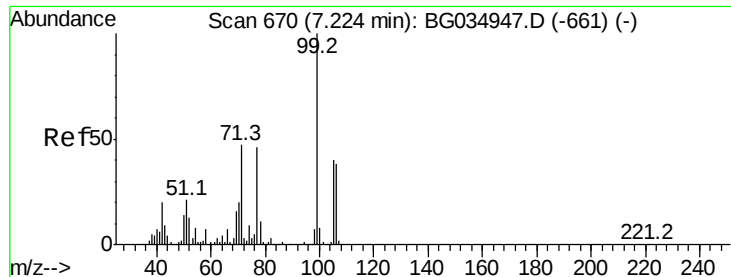
Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 128     | 100   |            |       |
| 130     | 34.5  | 14.0       | 54.0  |
| 64      | 59.2  | 37.7       | 77.7  |





#9

Benzaldehyde

Concen: 29.871 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

ClientSampleId :

SB-44COMPMS

Tot Ion: 77 Resp: 89183

Ion Ratio Lower Upper

77 100

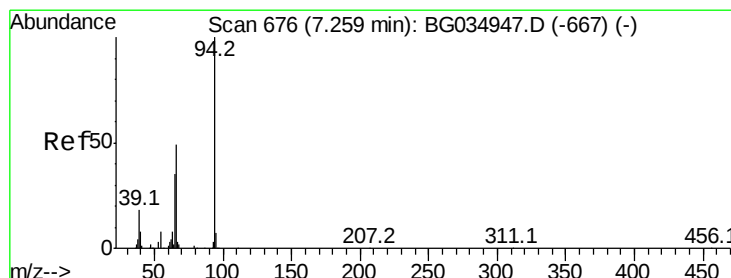
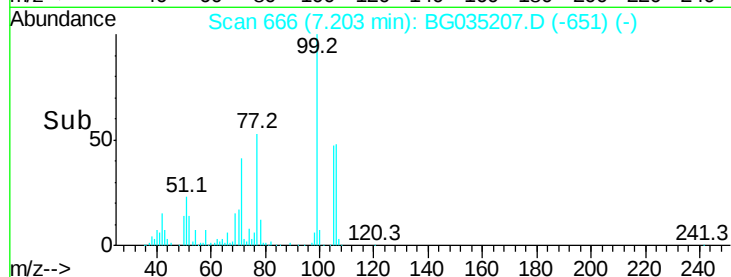
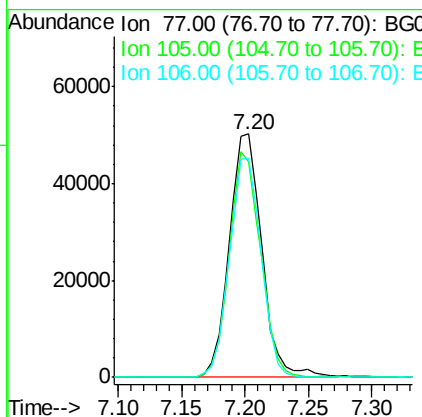
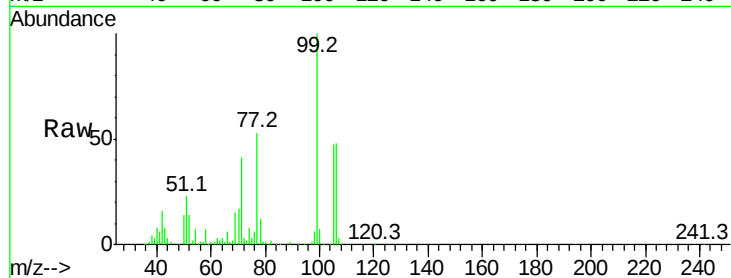
105 88.3 71.3 111.3

106 90.1 64.2 104.2

Manual Integrations  
APPROVED

Sohil

6/18/2018 10:43:02 AM



#10

Phenol

Concen: 41.580 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

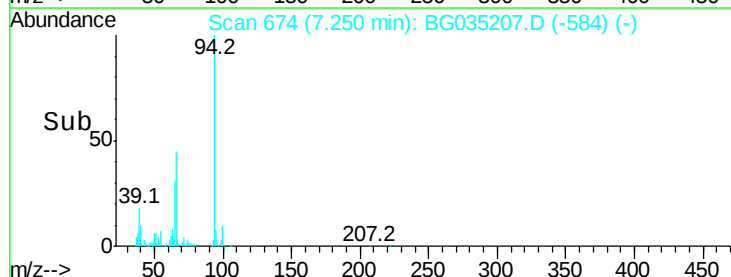
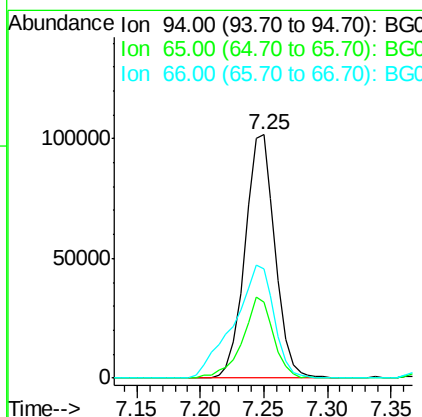
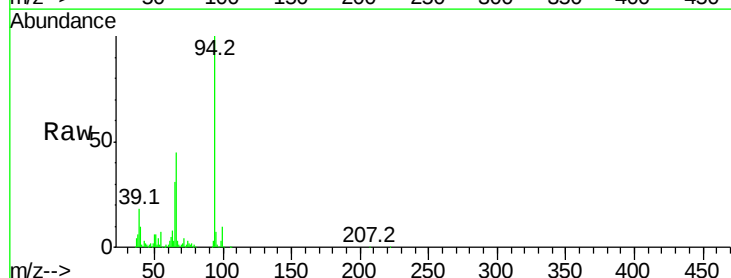
Tgt Ion: 94 Resp: 166787

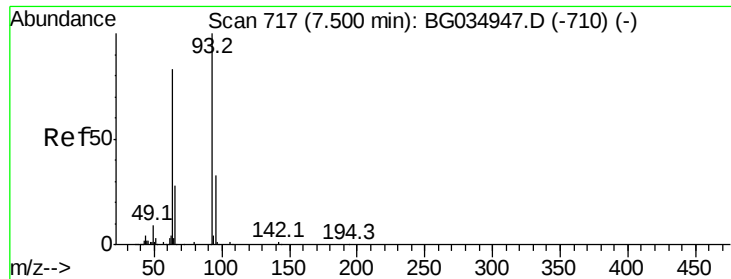
Ion Ratio Lower Upper

94 100

65 31.4 11.9 51.9

66 44.7 22.2 62.2





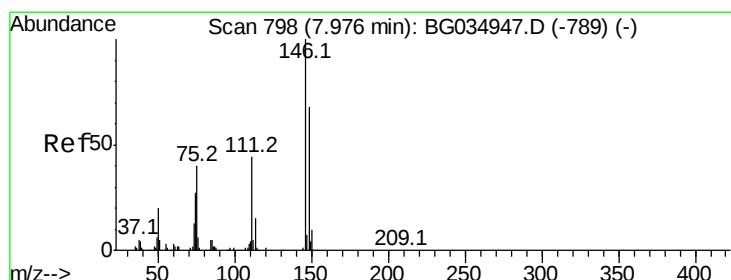
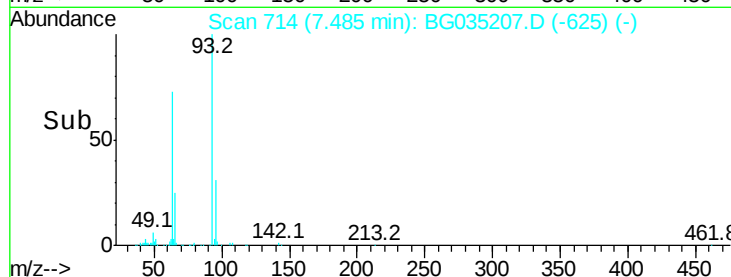
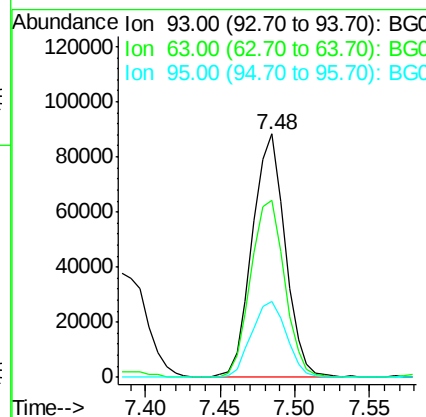
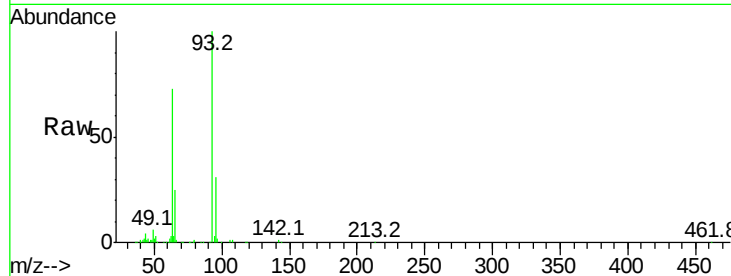
#11  
bis(2-Chloroethyl)ether  
Concen: 43.198 ng  
RT: 7.48 min Scan# 714  
Delta R.T. -0.01 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 134492 |       |       |
| 63      | 72.6  |        | 67.1  | 107.1 |
| 95      | 31.0  |        | 11.5  | 51.5  |

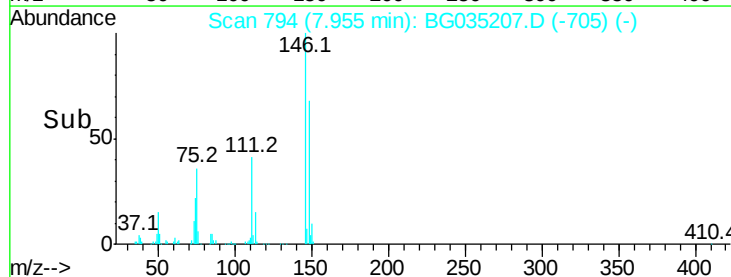
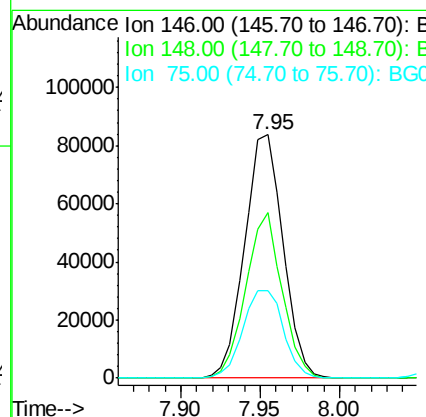
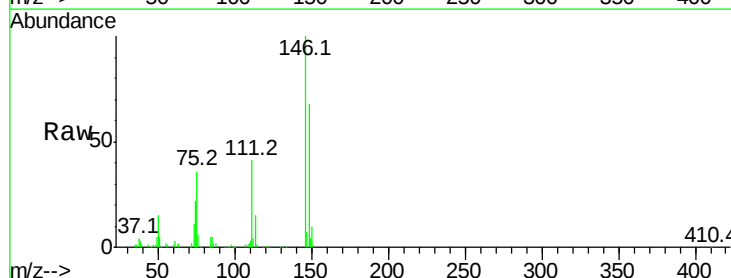
Manual Integrations  
APPROVED

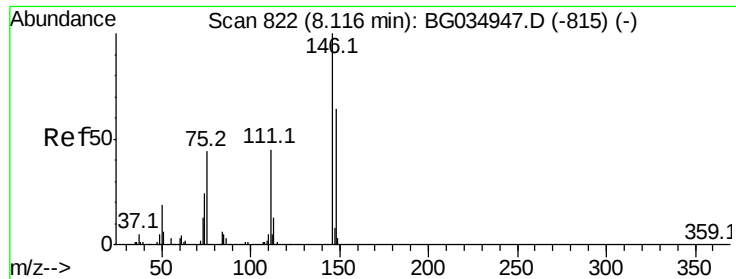
Sohil  
6/18/2018 10:43:02 AM



#12  
1,3-Dichlorobenzene  
Concen: 43.033 ng  
RT: 7.95 min Scan# 794  
Delta R.T. -0.01 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 141339 |       |       |
| 148     | 67.8  |        | 51.4  | 77.2  |
| 75      | 36.1  |        | 26.6  | 39.8  |





#13

1,4-Dichlorobenzene

Concen: 42.089 ng

RT: 8.10 min Scan# 818

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

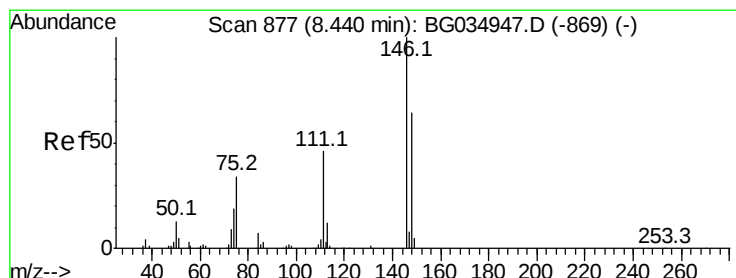
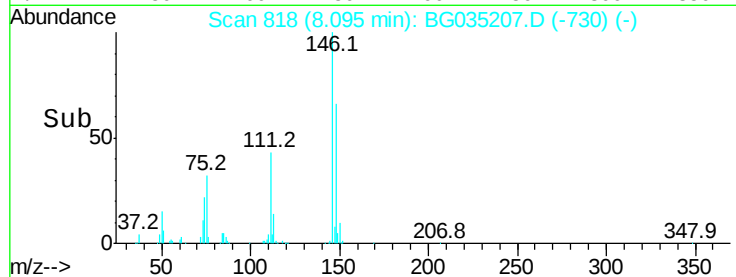
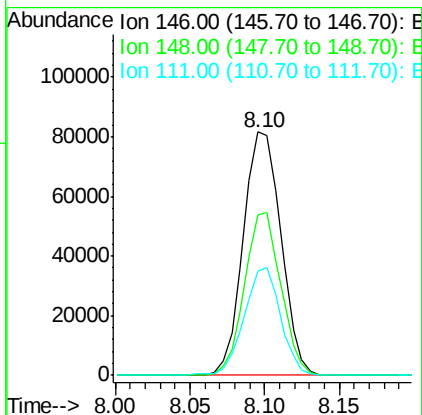
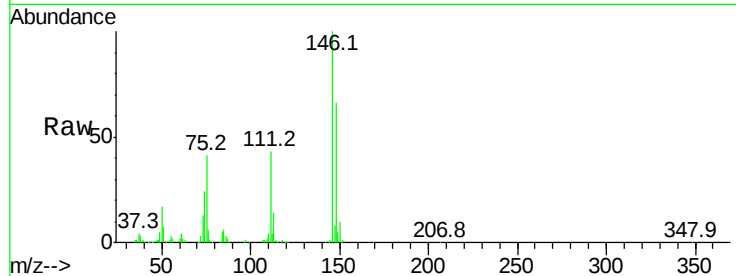
ClientSampled :

SB-44COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 142705 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.8  | 53.7  | 80.5   |
| 111       | 42.8  | 35.2  | 52.8   |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



#14

1,2-Dichlorobenzene

Concen: 43.711 ng

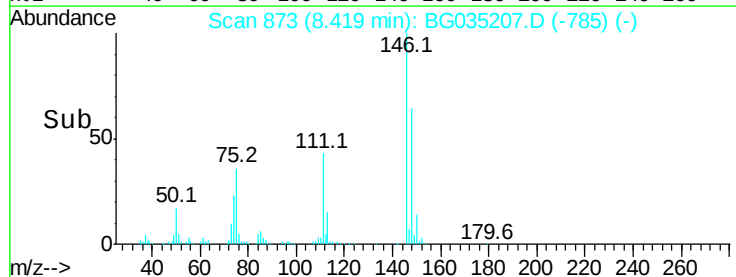
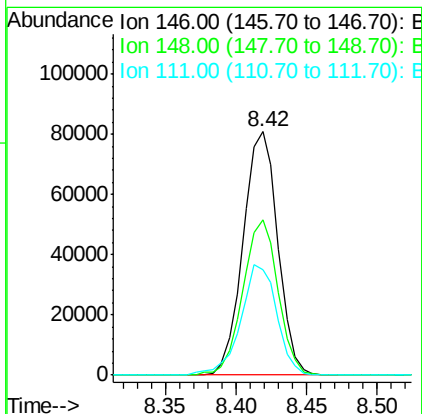
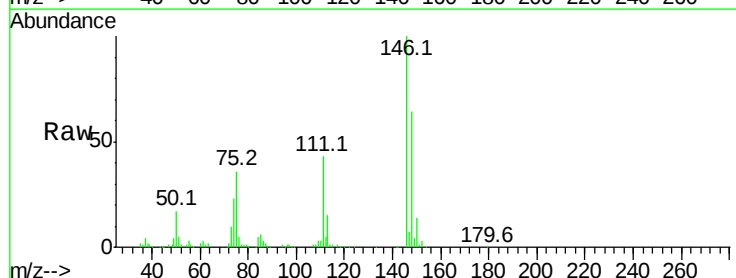
RT: 8.42 min Scan# 873

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 139208 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.9  | 49.3  | 73.9   |
| 111       | 43.3  | 34.3  | 51.5   |





#15

Benzyl Alcohol

Concen: 44.833 ng

RT: 8.30 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

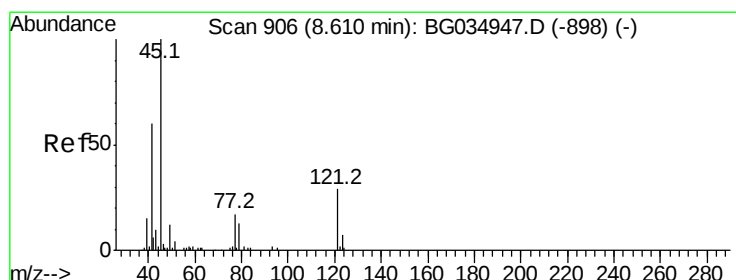
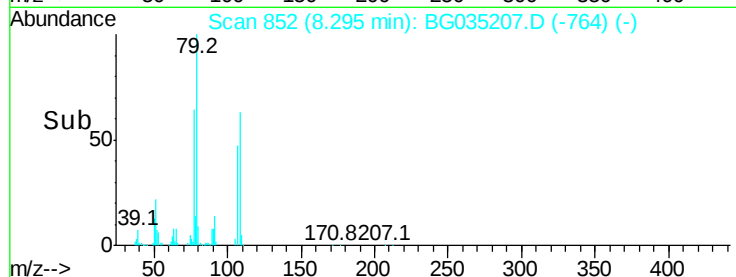
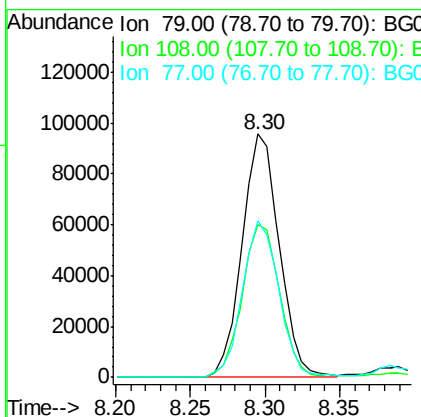
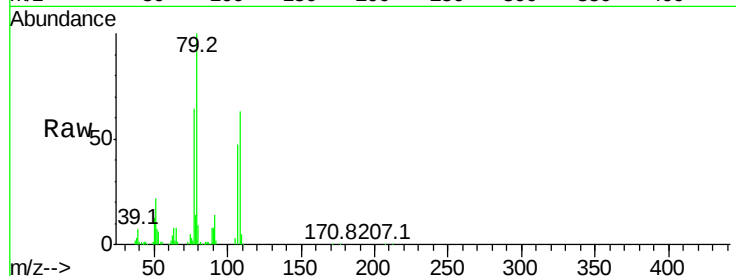
ClientSampleId :

SB-44COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 164659 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 63.0  | 57.2  | 85.8   |
| 77        | 64.5  | 46.1  | 69.1   |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.453 ng

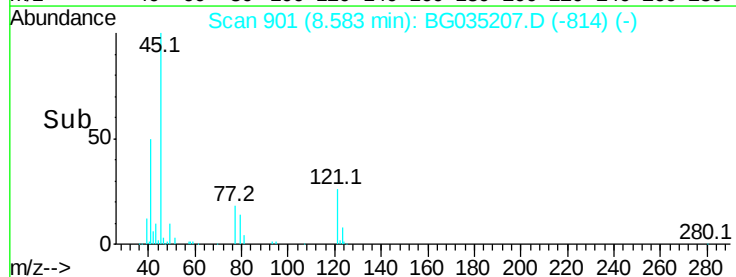
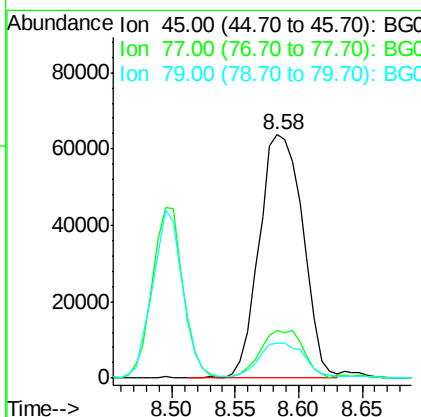
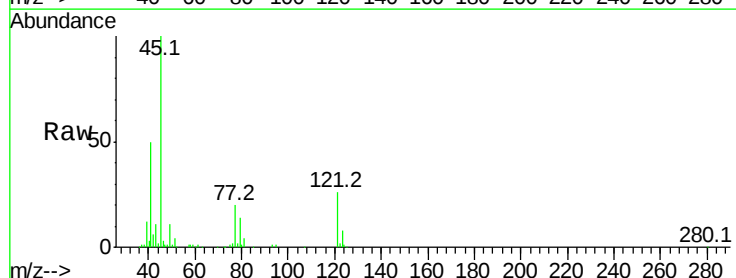
RT: 8.58 min Scan# 901

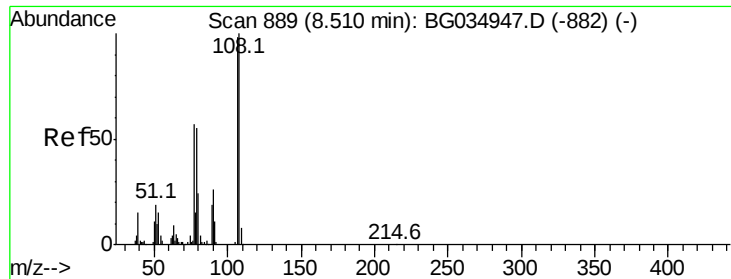
Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 153242 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 19.5  | 0.0   | 30.2   |
| 79        | 14.3  | 0.0   | 27.9   |





#17

2-Methylphenol

Concen: 49.820 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

ClientSampleId :

SB-44COMPMS

Tot Ion:107 Resp: 131753

Ion Ratio Lower Upper

107 100

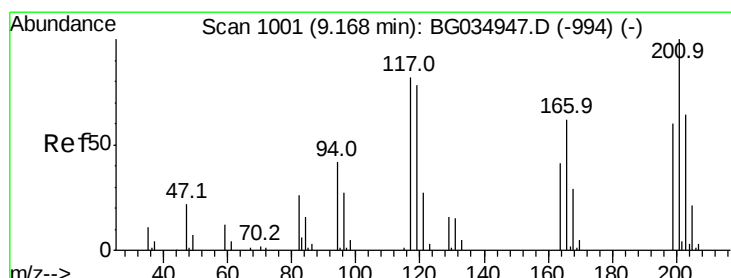
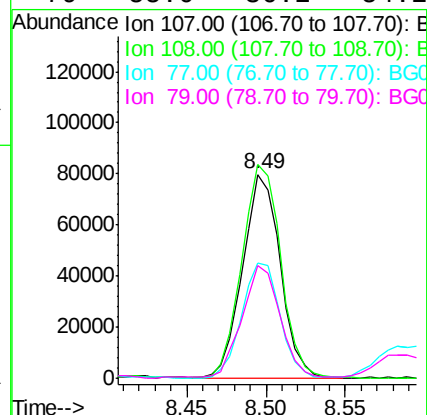
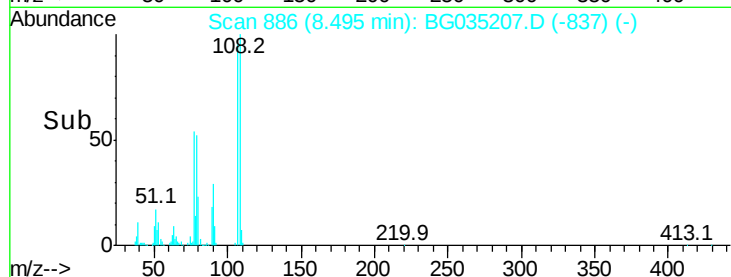
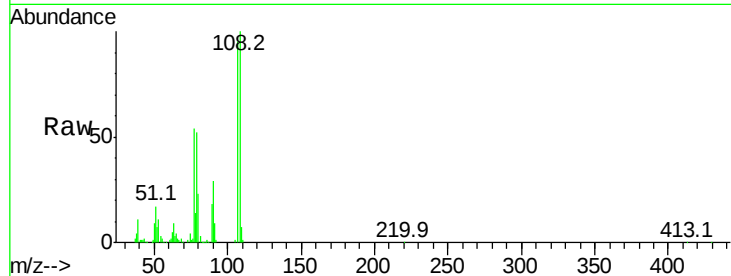
108 104.8 83.9 125.9

77 56.3 37.2 55.8#

79 55.0 36.2 54.2#

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



#18

Hexachloroethane

Concen: 41.942 ng

RT: 9.15 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

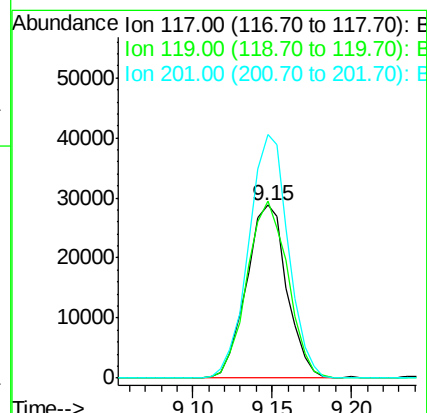
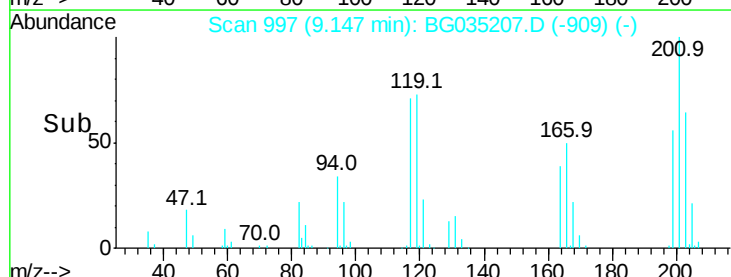
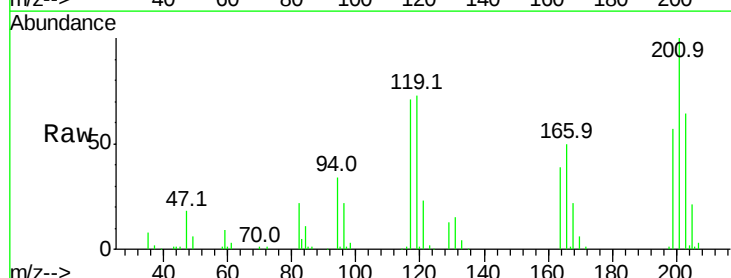
Tgt Ion:117 Resp: 50910

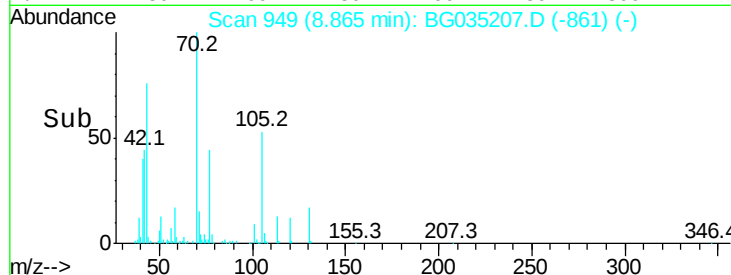
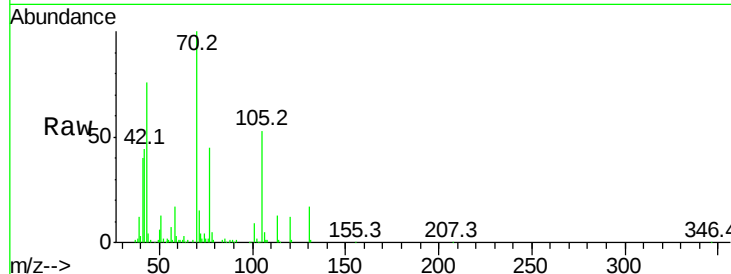
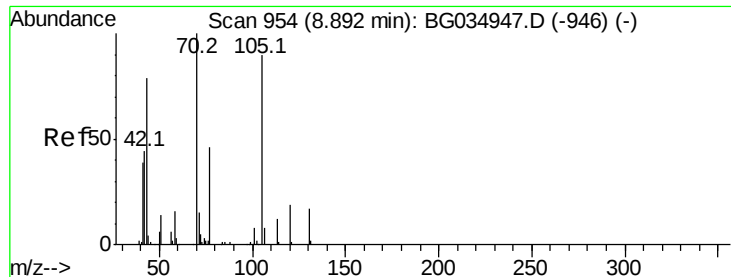
Ion Ratio Lower Upper

117 100

119 102.4 76.7 115.1

201 140.9 95.7 143.5





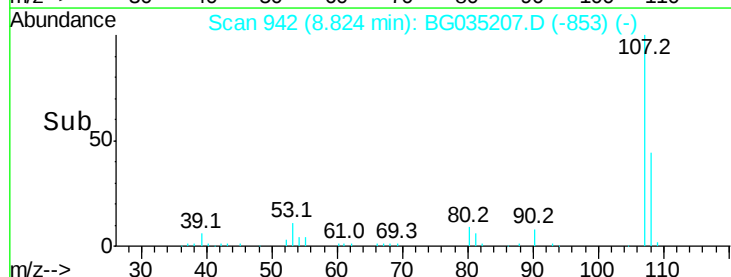
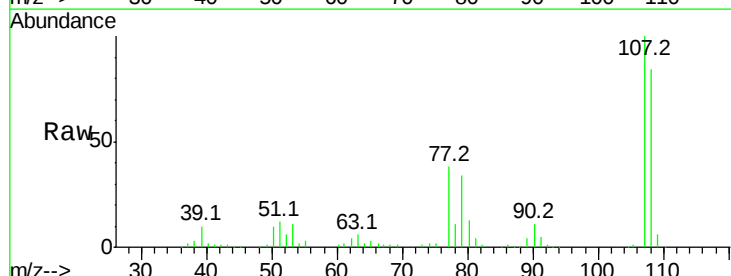
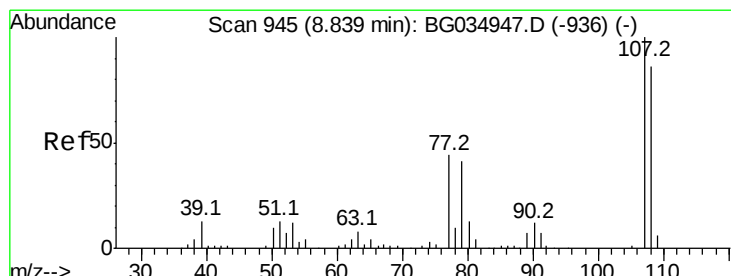
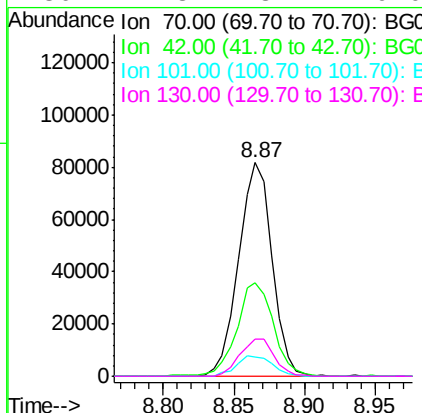
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.156 ng  
RT: 8.87 min Scan# 949  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 43.8 | 49.1  | 73.7# |       |
| 101     | 9.1  | 8.5   | 12.7  |       |
| 130     | 17.3 | 13.4  | 20.0  |       |

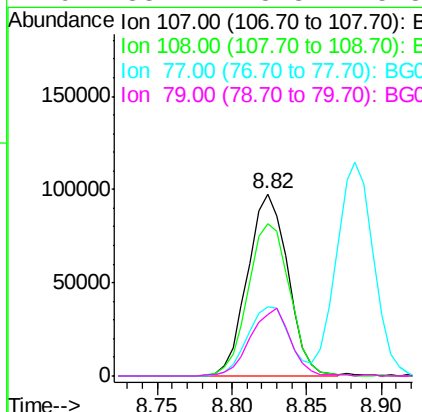
Manual Integrations  
APPROVED

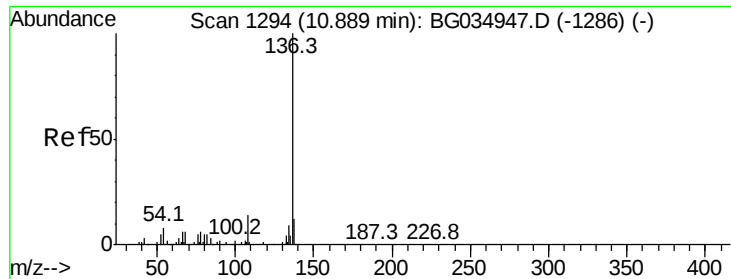
Sohil  
6/18/2018 10:43:02 AM



#20  
3+4-Methylphenols  
Concen: 47.993 ng  
RT: 8.82 min Scan# 942  
Delta R.T. -0.01 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 83.7 | 61.6  | 101.6 |       |
| 77      | 37.7 | 13.9  | 53.9  |       |
| 79      | 33.7 | 8.8   | 48.8  |       |





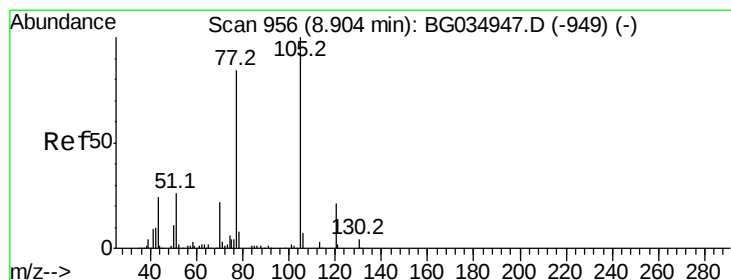
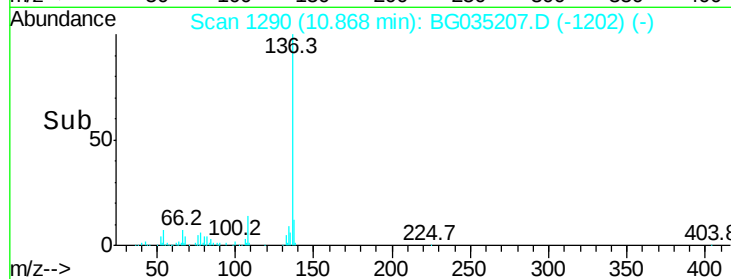
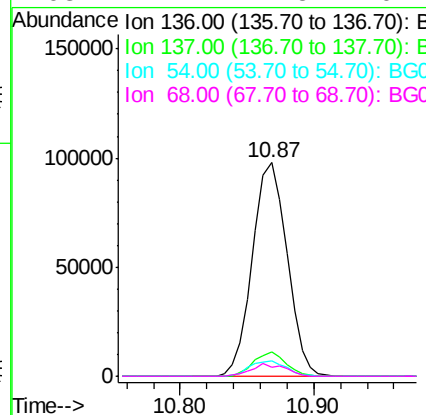
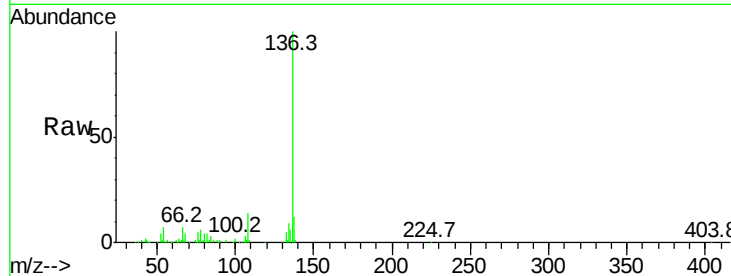
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.87 min Scan# 1290  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.6  | 9.2  | 13.8  |       |
| 54      | 7.1   | 10.3 | 15.5# |       |
| 68      | 4.4   | 4.5  | 6.7#  |       |

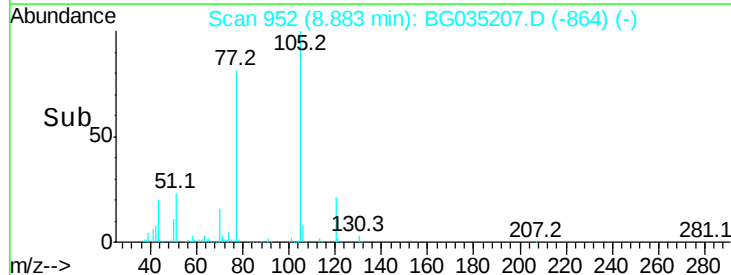
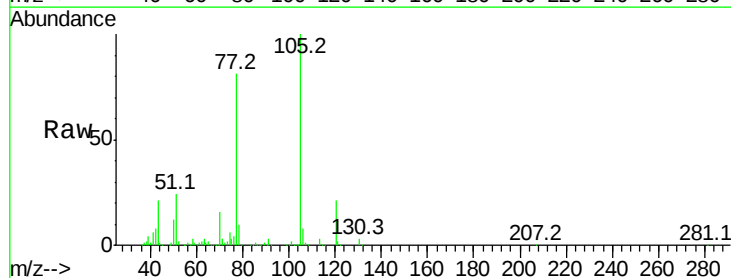
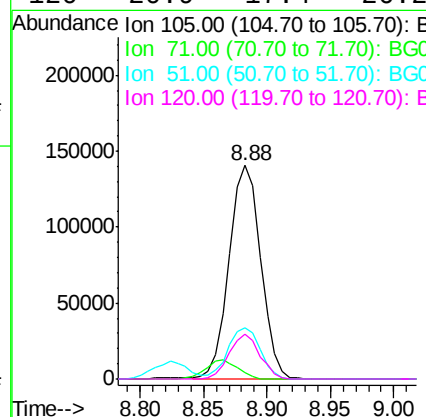
Manual Integrations  
APPROVED

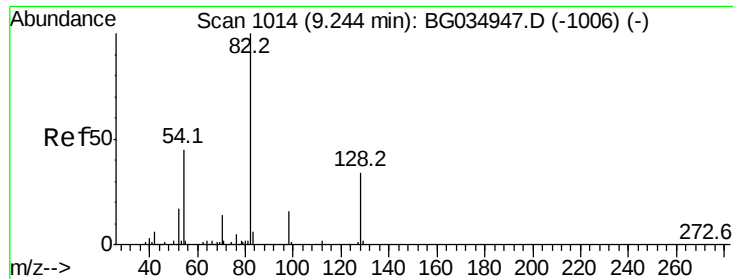
Sohil  
6/18/2018 10:43:02 AM



#22  
Acetophenone  
Concen: 44.537 ng  
RT: 8.88 min Scan# 952  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 2.8   | 3.0  | 4.4#  |       |
| 51      | 23.7  | 26.1 | 39.1# |       |
| 120     | 20.9  | 17.4 | 26.2  |       |





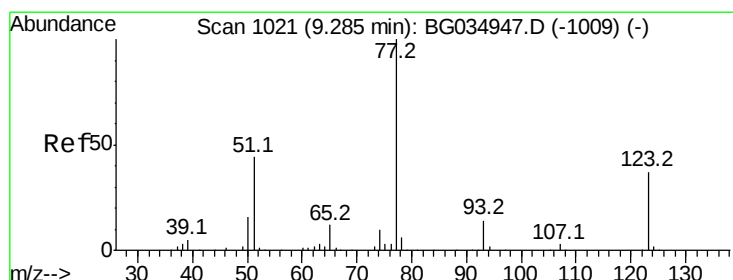
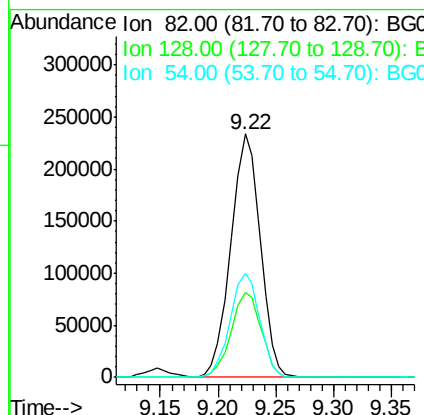
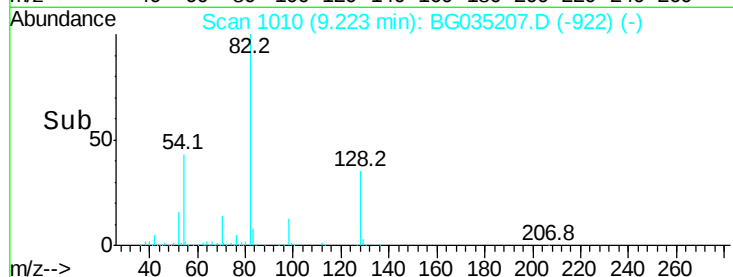
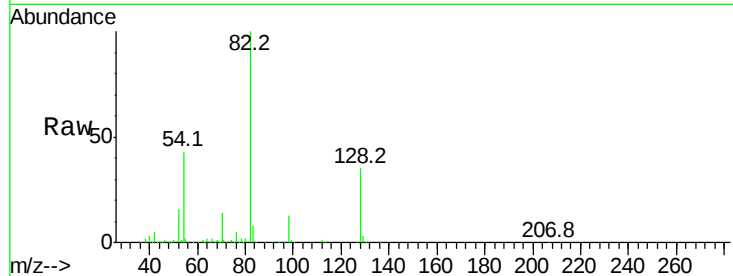
#23  
 Nitrobenzene-d5  
 Concen: 111.397 ng  
 RT: 9.22 min Scan# 1010  
 Delta R.T. -0.02 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 34.7  | 29.7  | 44.5  |
| 54      | 43.0  | 43.1  | 64.7# |

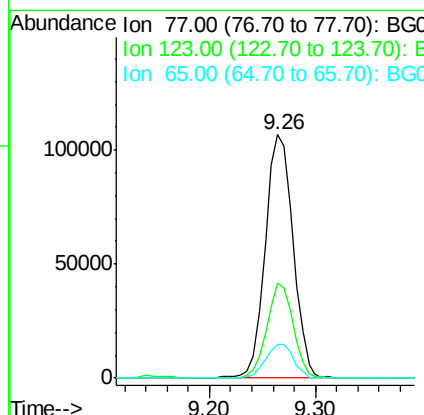
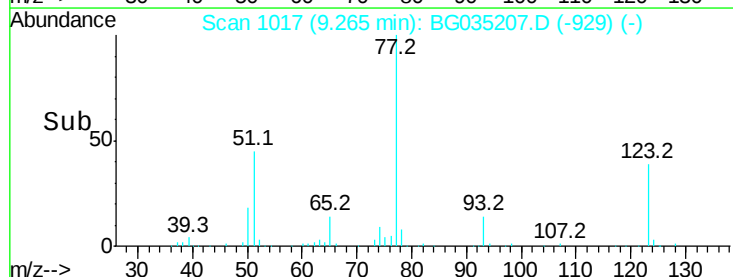
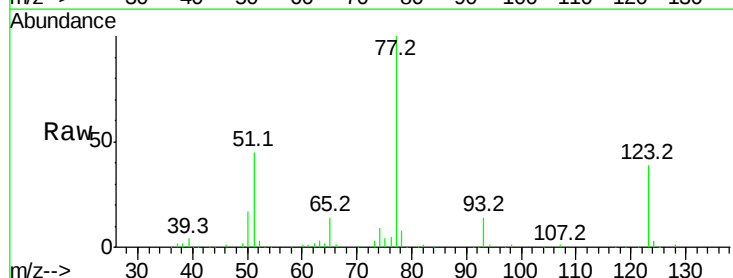
Manual Integrations  
 APPROVED

Sohil  
 6/18/2018 10:43:02 AM



#24  
 Nitrobenzene  
 Concen: 51.488 ng  
 RT: 9.26 min Scan# 1017  
 Delta R.T. -0.02 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.0  | 33.0  | 49.6  |
| 65      | 14.0  | 13.0  | 19.6  |





#25

Isophorone

Concen: 49.374 ng

RT: 9.79 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

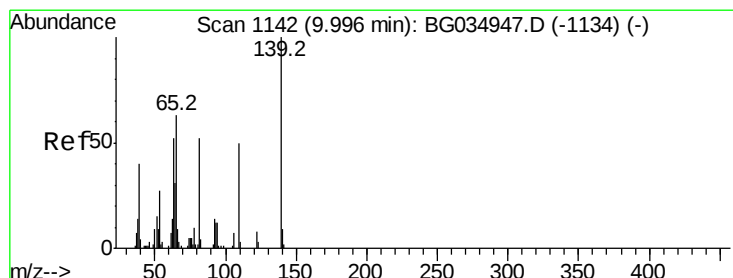
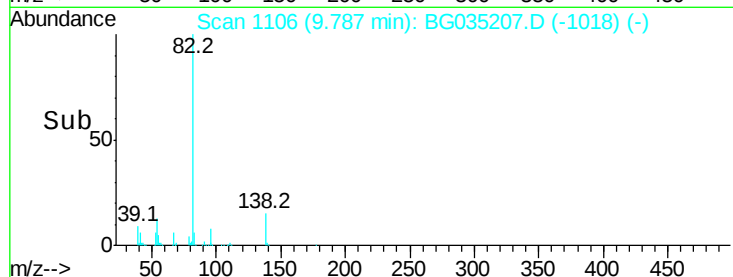
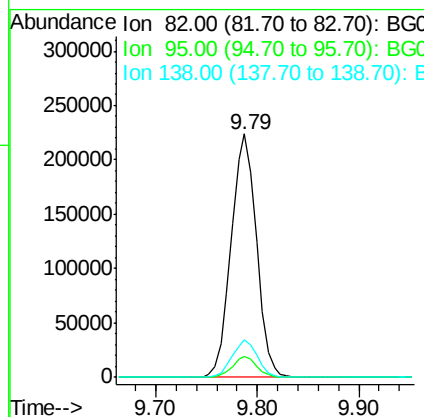
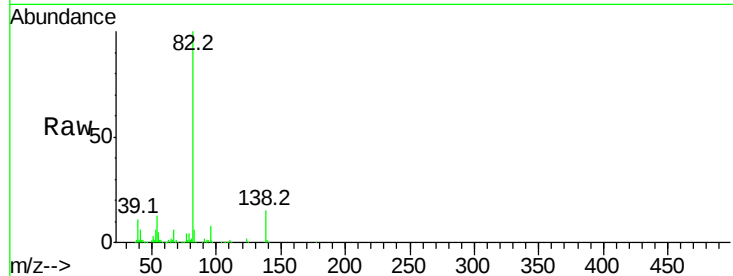
ClientSampleId :

SB-44COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 386372 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.4   | 6.2   | 9.2    |
| 138       | 15.4  | 12.1  | 18.1   |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



#26

2-Nitrophenol

Concen: 59.869 ng

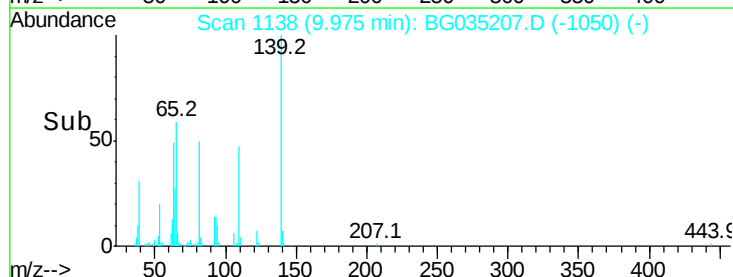
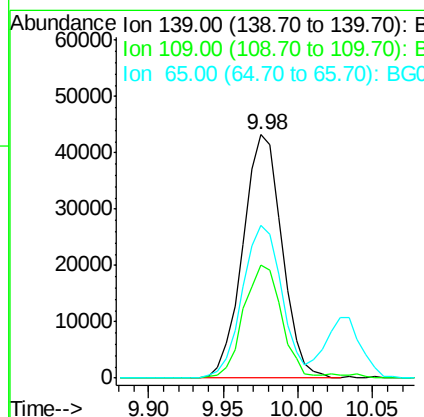
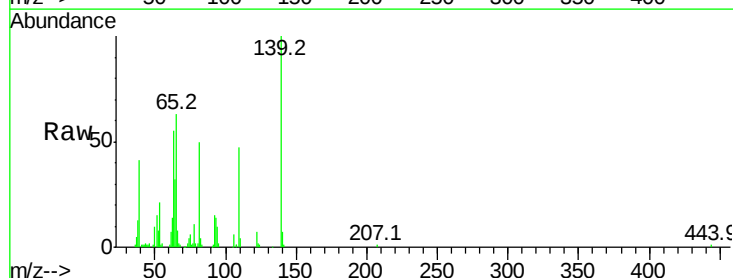
RT: 9.98 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 78325 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 46.7  | 24.2  | 36.2# |
| 65        | 63.0  | 47.4  | 71.0  |





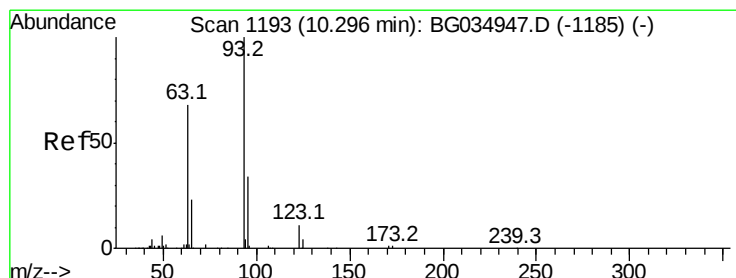
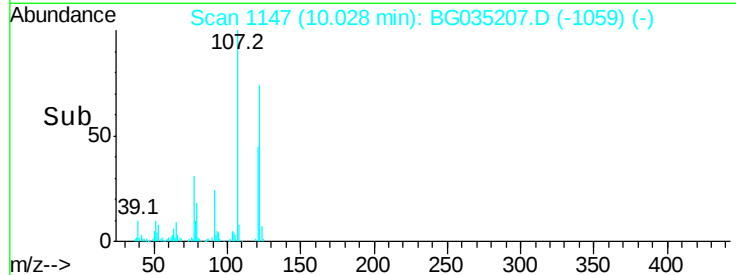
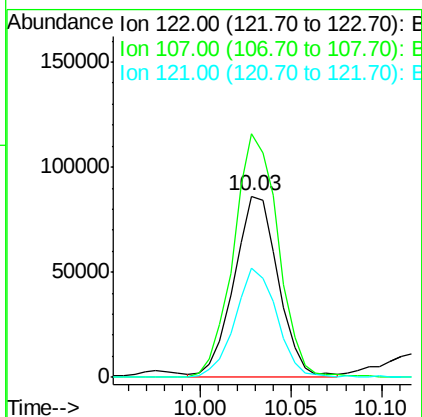
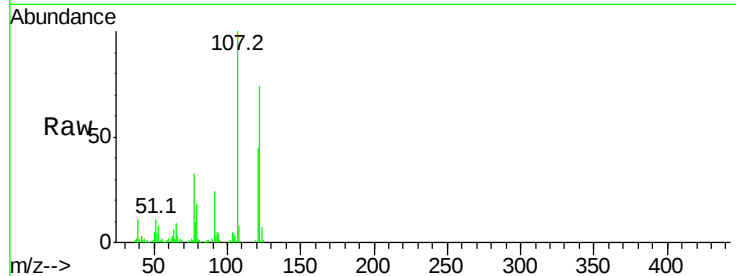
#27  
2,4-Dimethylphenol  
Concen: 52.995 ng  
RT: 10.03 min Scan# 1147  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 134.5 | 100.2 | 150.2 |
| 121     | 60.5  | 44.4  | 66.6  |

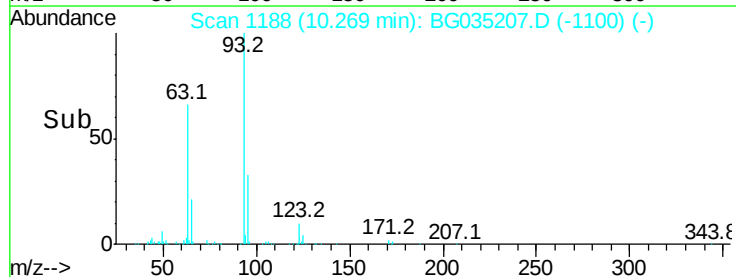
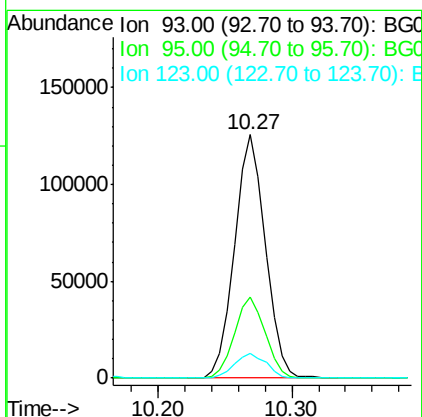
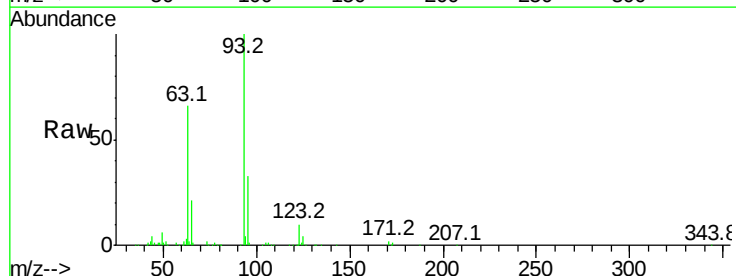
Manual Integrations  
APPROVED

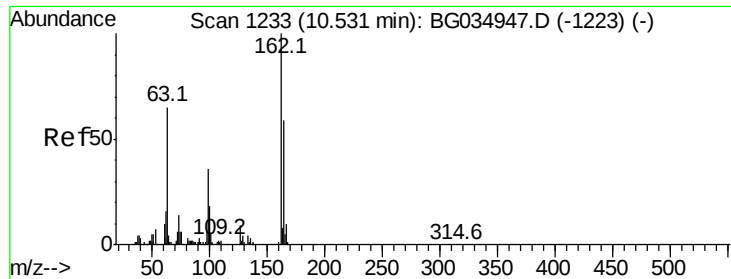
Sohil  
6/18/2018 10:43:02 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.729 ng  
RT: 10.27 min Scan# 1188  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.2  | 24.3  | 36.5  |
| 123     | 10.3  | 8.4   | 12.6  |





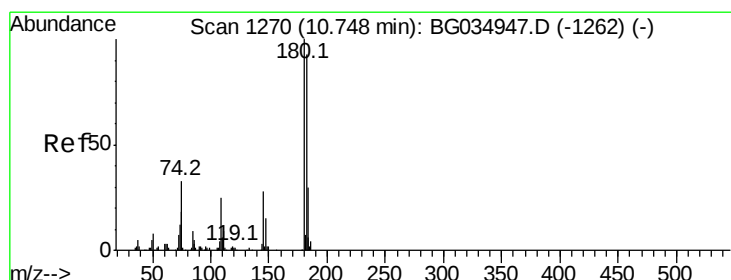
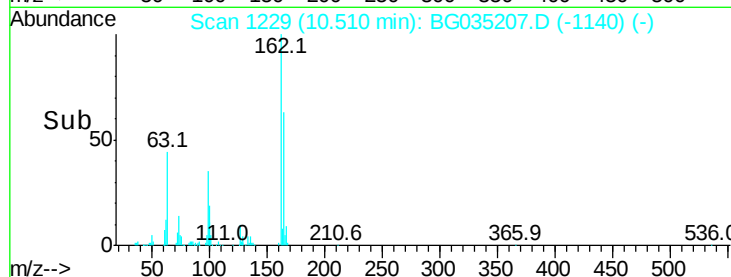
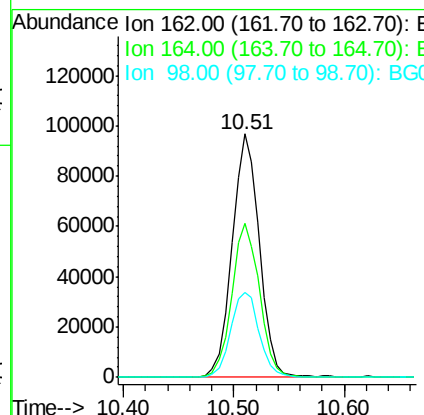
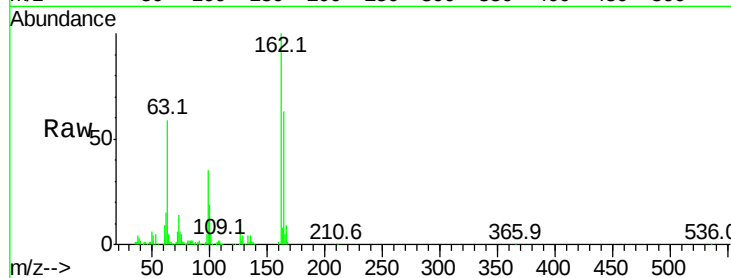
#29  
 2,4-Dichlorophenol  
 Concen: 55.774 ng  
 RT: 10.51 min Scan# 1229  
 Delta R.T. -0.01 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 166884 |       |       |
| 164     | 63.5  | 48.0   | 88.0  |       |
| 98      | 34.9  | 21.1   | 61.1  |       |

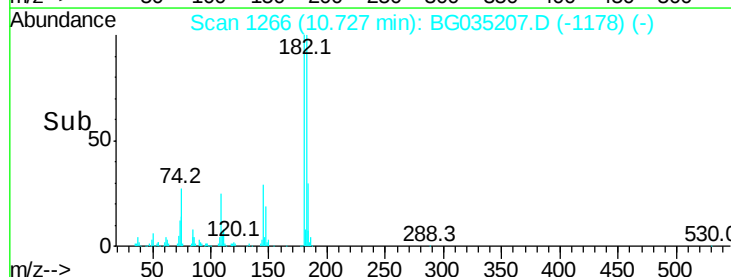
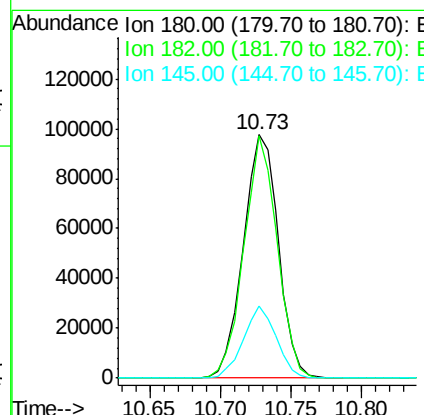
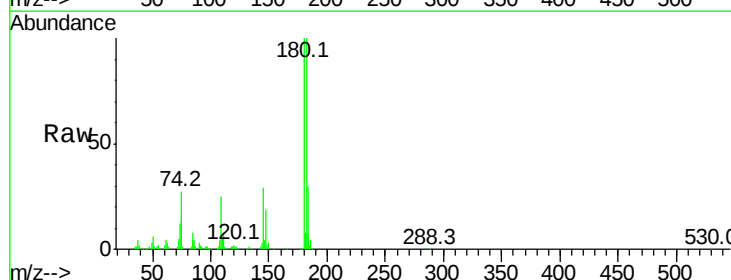
Manual Integrations  
 APPROVED

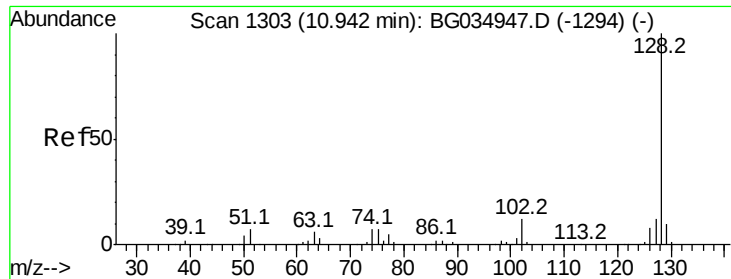
Sohil  
 6/18/2018 10:43:02 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 47.236 ng  
 RT: 10.73 min Scan# 1266  
 Delta R.T. -0.02 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 169476 |       |       |
| 182     | 99.5  | 77.5   | 116.3 |       |
| 145     | 29.4  | 23.4   | 35.2  |       |





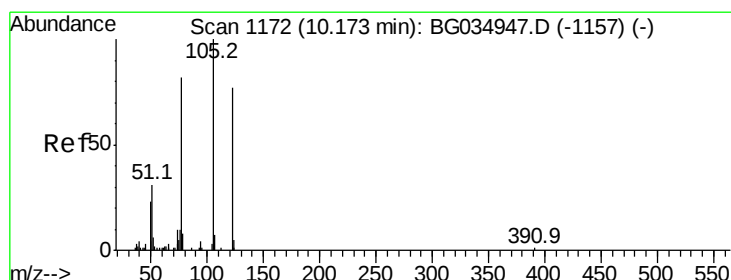
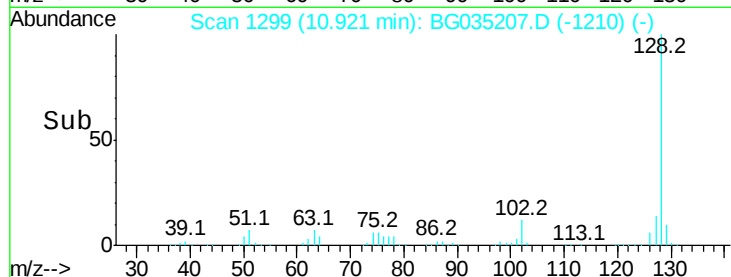
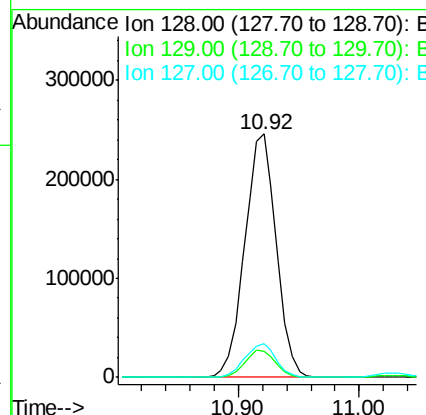
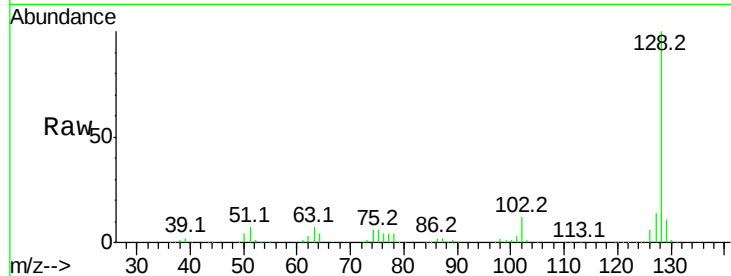
#31  
Naphthalene  
Concen: 48.604 ng  
RT: 10.92 min Scan# 1299  
Delta R.T. -0.01 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 8.6   | 12.8  |
| 127     | 13.6  | 11.6  | 17.4  |

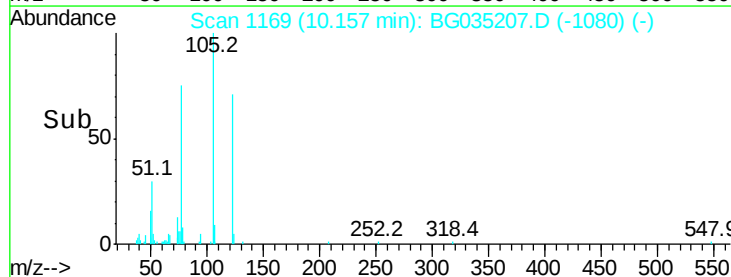
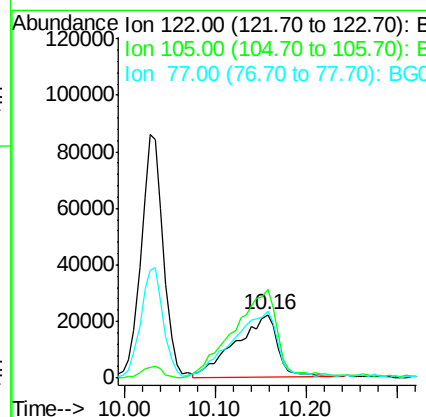
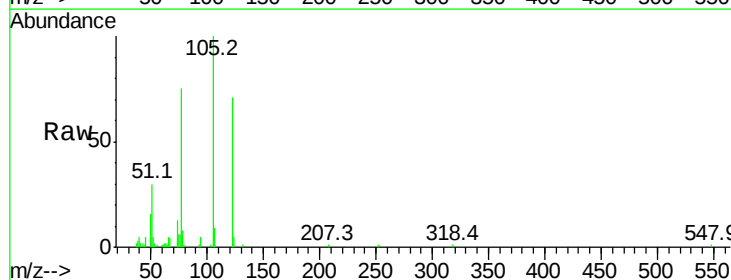
Manual Integrations  
APPROVED

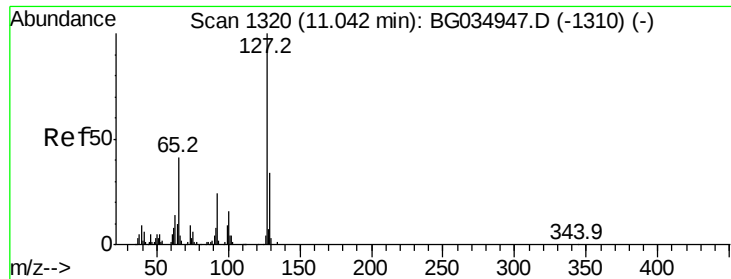
Sohil  
6/18/2018 10:43:02 AM



#32  
Benzoic acid  
Concen: 38.455 ng  
RT: 10.16 min Scan# 1169  
Delta R.T. -0.01 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 140.2 | 123.5 | 163.5 |
| 77      | 105.3 | 85.7  | 125.7 |





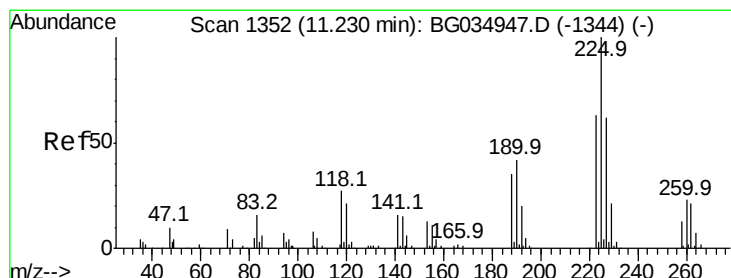
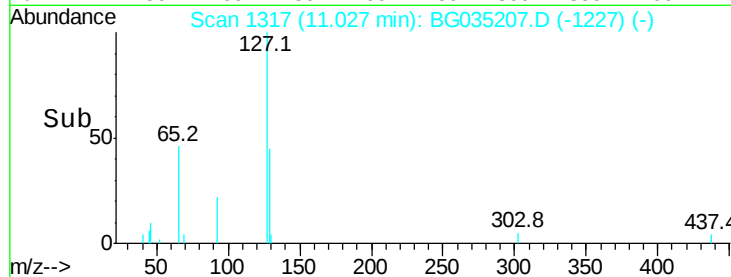
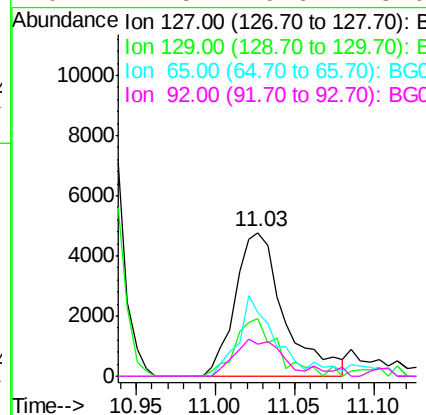
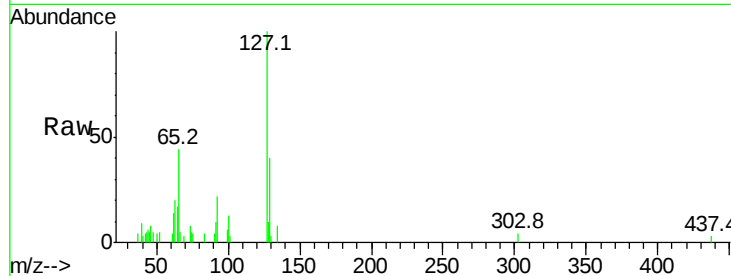
#33  
4-Chloroaniline  
Concen: 2.571 ng  
RT: 11.03 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 39.8  | 24.0  | 36.0# |
| 65      | 44.3  | 27.0  | 40.4# |
| 92      | 22.5  | 16.6  | 25.0  |

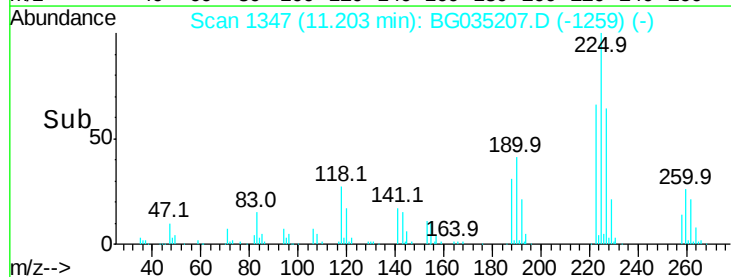
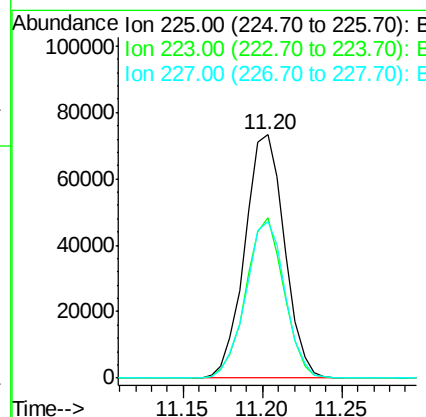
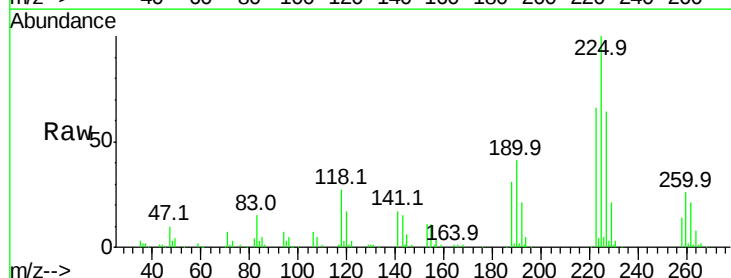
Manual Integrations  
APPROVED

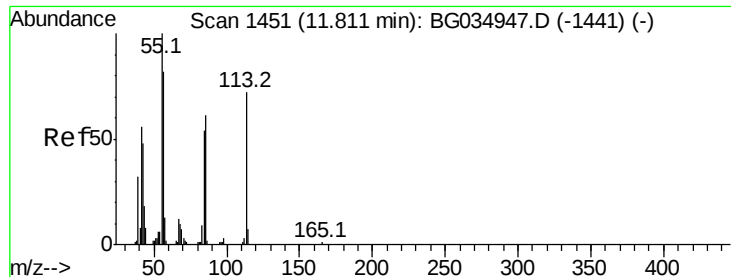
Sohil  
6/18/2018 10:43:02 AM



#34  
Hexachlorobutadiene  
Concen: 45.617 ng  
RT: 11.20 min Scan# 1347  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.7  | 49.7  | 74.5  |
| 227     | 64.0  | 48.1  | 72.1  |





#35

Caprolactam

Concen: 39.698 ng/ml

RT: 11.80 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

ClientSampleId :

SB-44COMPMS

Tot Ion:113 Resp: 43898

Ion Ratio Lower Upper

113 100

55 145.5 186.9 226.9#

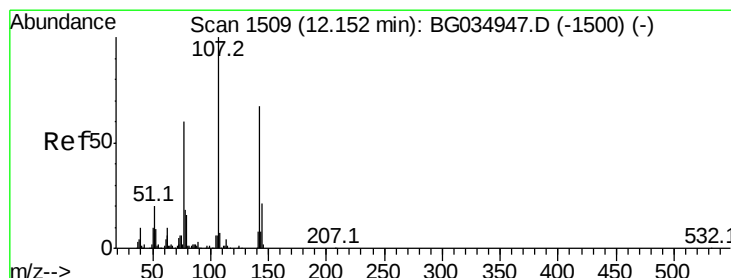
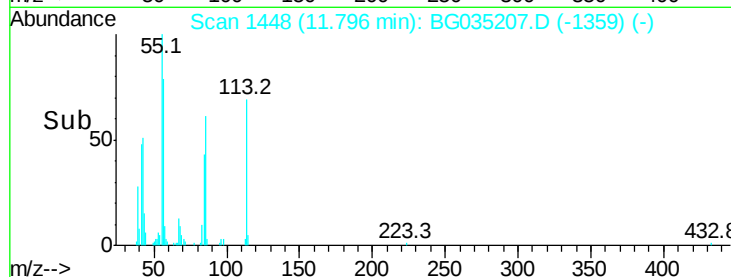
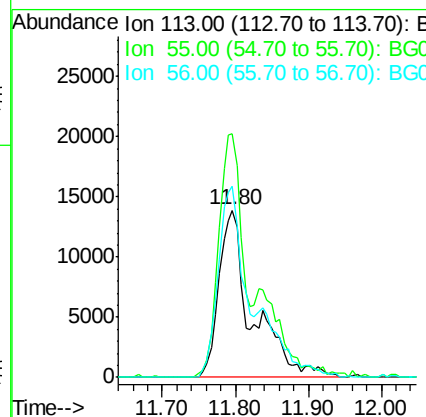
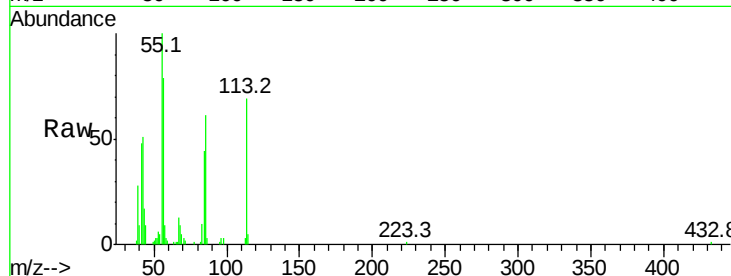
56 114.5 130.9 170.9#

Manual Integrations

APPROVED

Sohil

6/18/2018 10:43:02 AM



#36

4-Chloro-3-methylphenol

Concen: 56.260 ng/ml

RT: 12.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

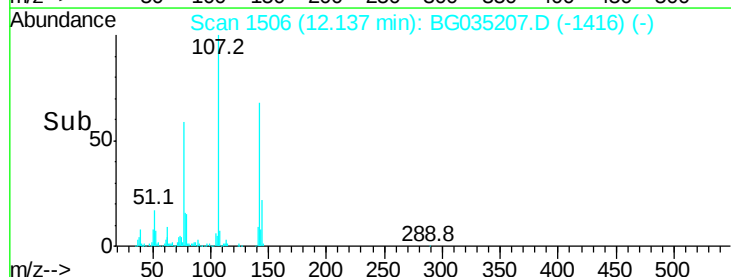
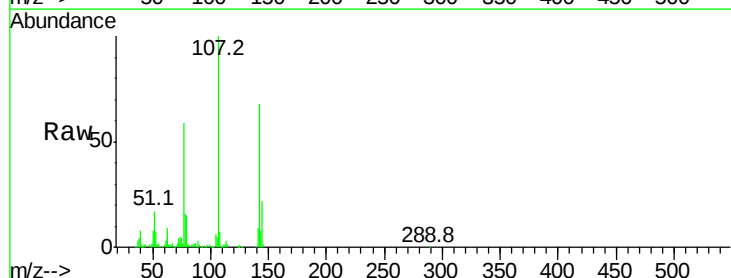
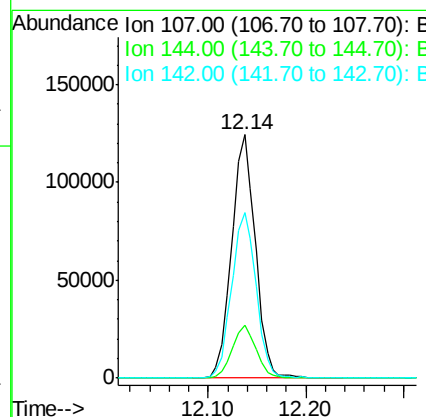
Tgt Ion:107 Resp: 209841

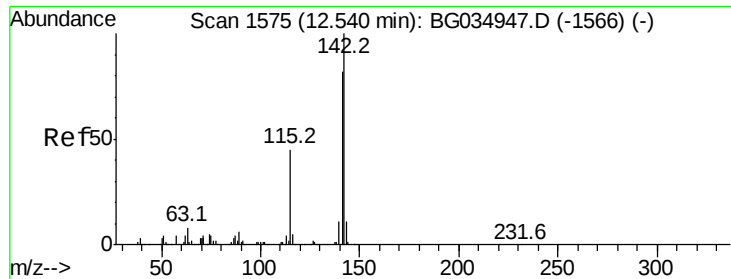
Ion Ratio Lower Upper

107 100

144 21.9 18.2 27.4

142 67.7 59.0 88.4





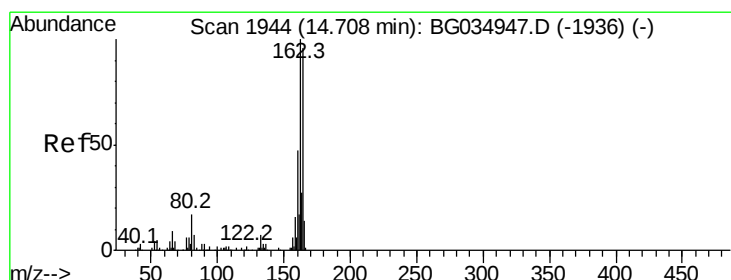
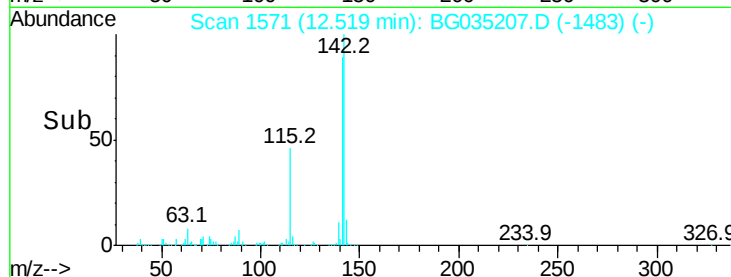
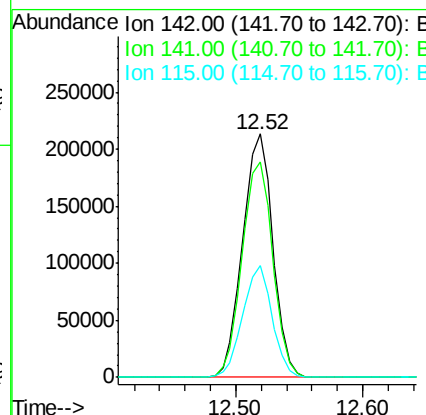
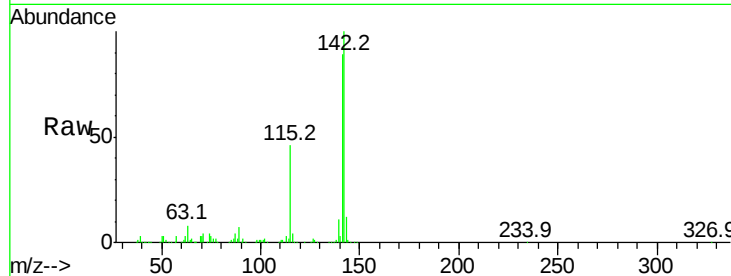
#37  
2-Methylnaphthalene  
Concen: 50.795 ng  
RT: 12.52 min Scan# 1571  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 142     | 100   |      |       |       |
| 141     | 88.5  | 67.1 | 100.7 |       |
| 115     | 45.8  | 30.7 | 46.1  |       |

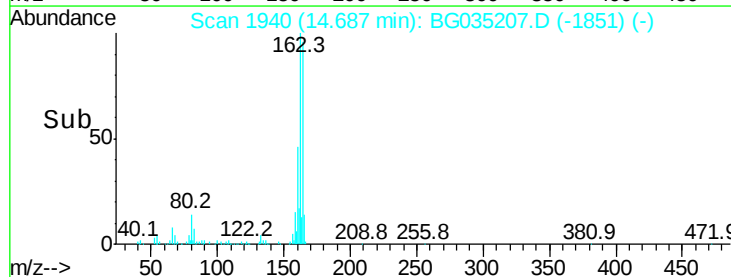
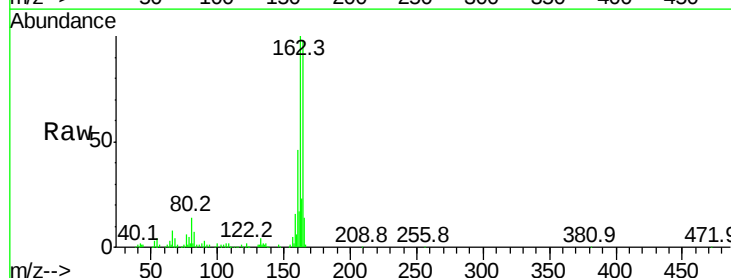
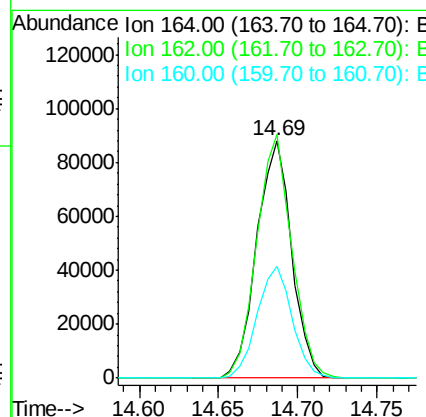
Manual Integrations  
APPROVED

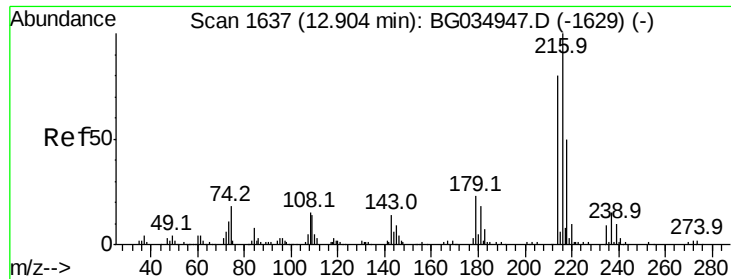
Sohil  
6/18/2018 10:43:02 AM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.69 min Scan# 1940  
Delta R.T. -0.01 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 102.5 | 78.8 | 118.2 |       |
| 160     | 47.2  | 35.4 | 53.0  |       |





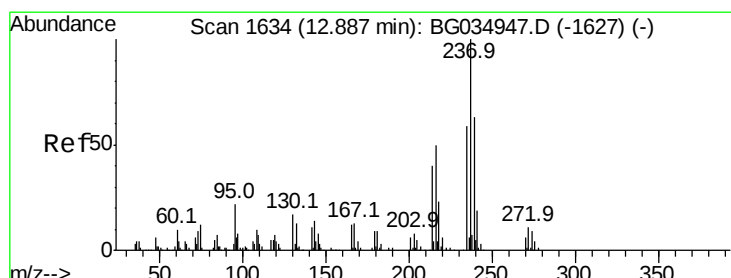
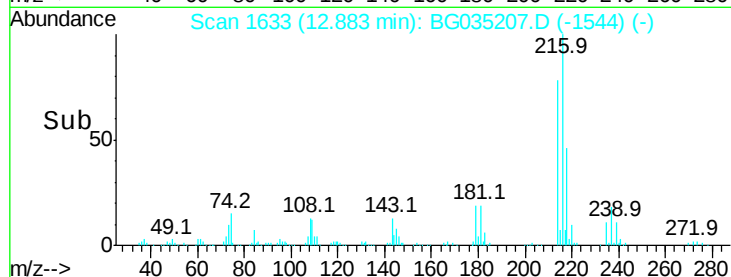
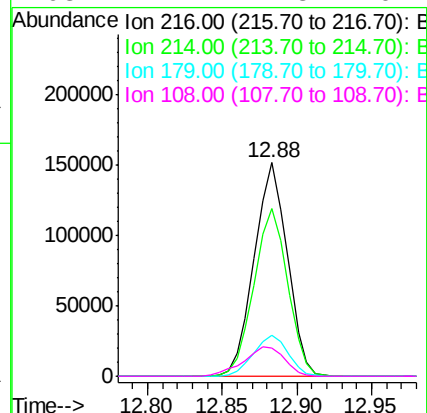
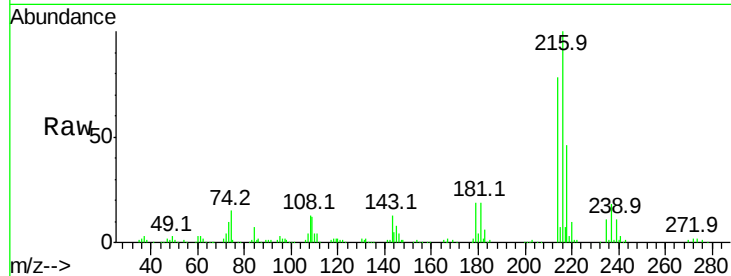
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.344 ng  
 RT: 12.88 min Scan# 1633  
 Delta R.T. -0.01 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 79.8  | 63.0       | 94.4  |
| 179     | 19.9  | 17.0       | 25.6  |
| 108     | 17.1  | 12.8       | 19.2  |

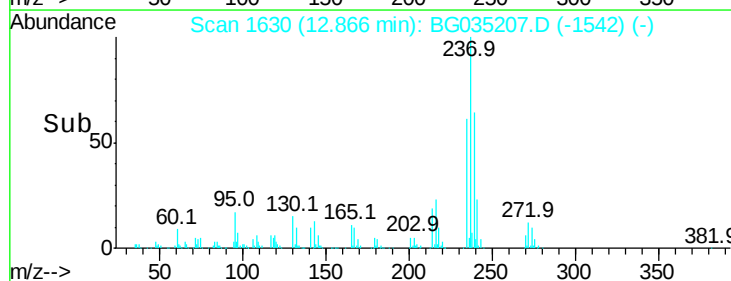
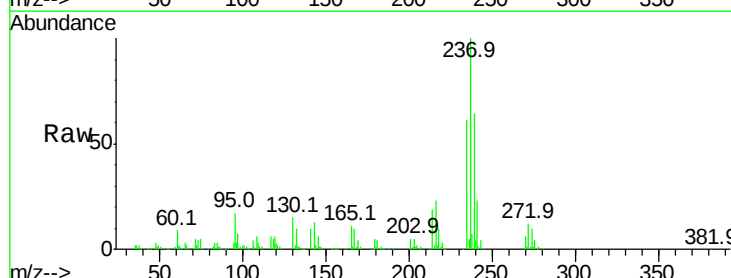
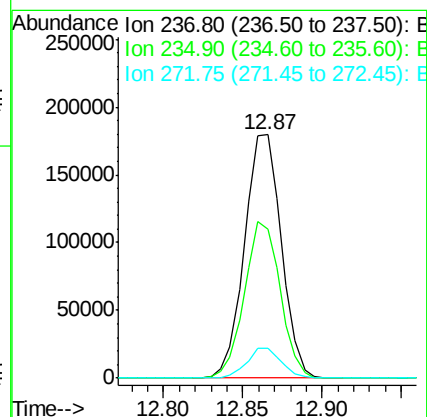
Manual Integrations  
 APPROVED

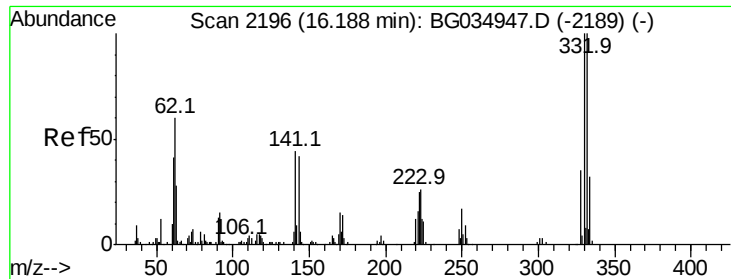
Sohil  
 6/18/2018 10:43:02 AM



#40  
 Hexachlorocyclopentadiene  
 Concen: 91.844 ng  
 RT: 12.87 min Scan# 1630  
 Delta R.T. -0.02 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 61.2  | 50.4       | 90.4  |
| 272     | 12.5  | 0.0        | 31.8  |





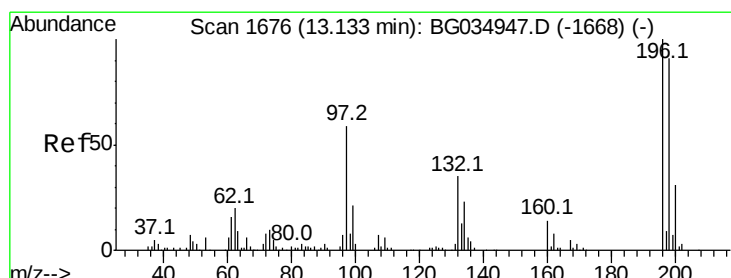
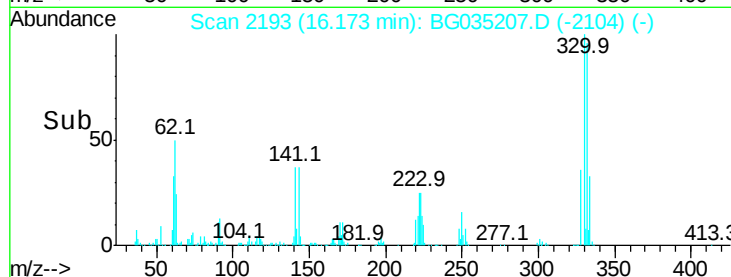
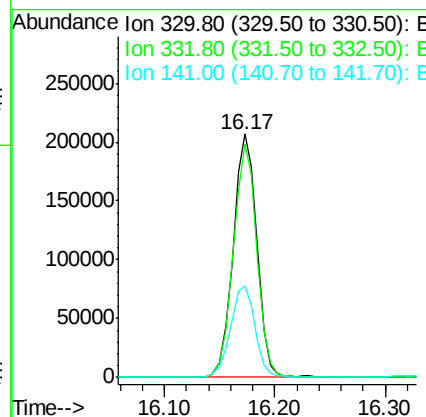
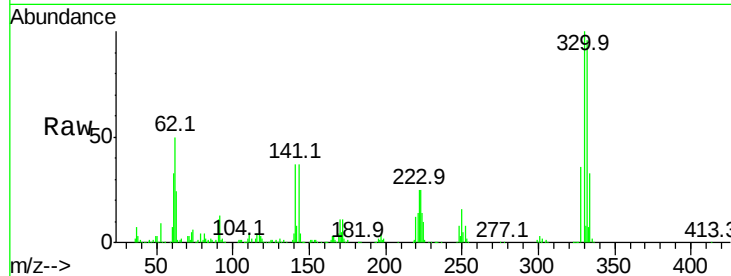
#41  
 2,4,6-Tribromophenol  
 Concen: 180.576 ng  
 RT: 16.17 min Scan# 2193  
 Delta R.T. -0.01 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.4  | 77.0 | 115.6 |       |
| 141     | 39.0  | 25.2 | 37.8  |       |

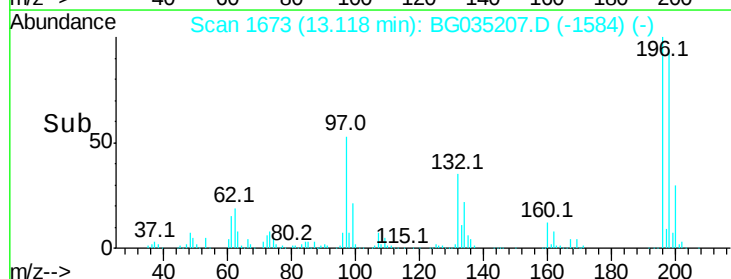
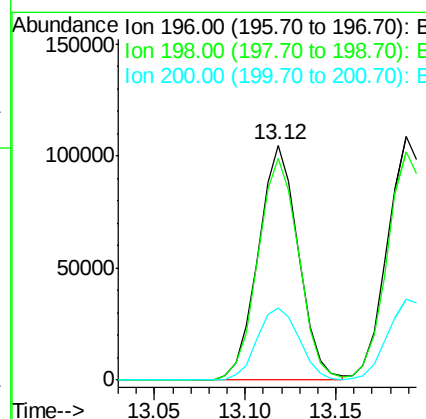
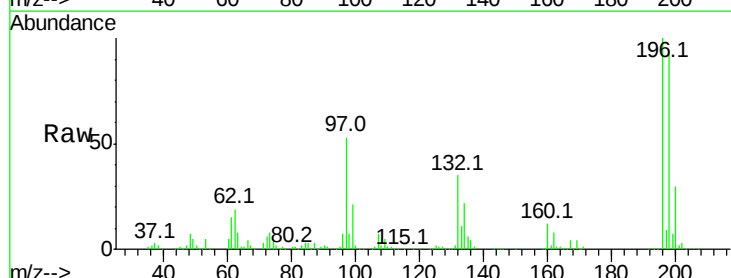
Manual Integrations  
 APPROVED

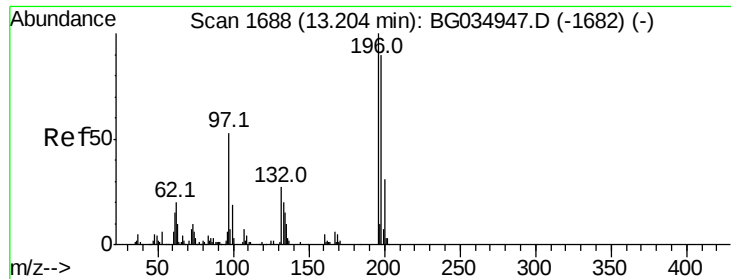
Sohil  
 6/18/2018 10:43:02 AM



#42  
 2,4,6-Trichlorophenol  
 Concen: 53.597 ng  
 RT: 13.12 min Scan# 1673  
 Delta R.T. -0.01 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 94.5  | 78.2 | 117.2 |       |
| 200     | 30.5  | 24.6 | 36.8  |       |





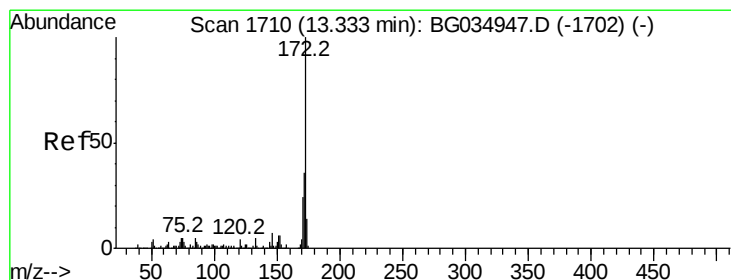
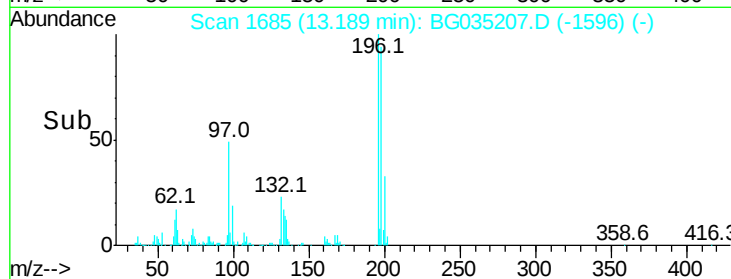
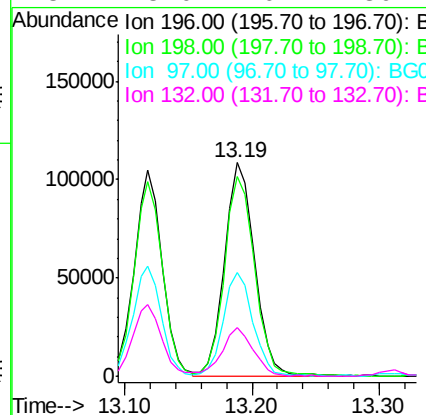
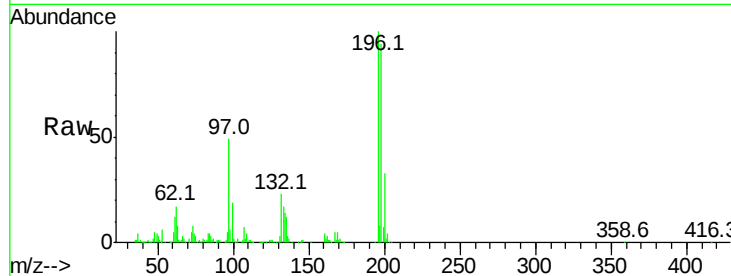
#43  
 2,4,5-Trichlorophenol  
 Concen: 53.981 ng  
 RT: 13.19 min Scan# 1685  
 Delta R.T. -0.01 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 178182 |       |       |
| 198     | 93.5  | 76.2   | 114.4 |       |
| 97      | 48.8  | 38.7   | 58.1  |       |
| 132     | 23.0  | 20.2   | 30.2  |       |

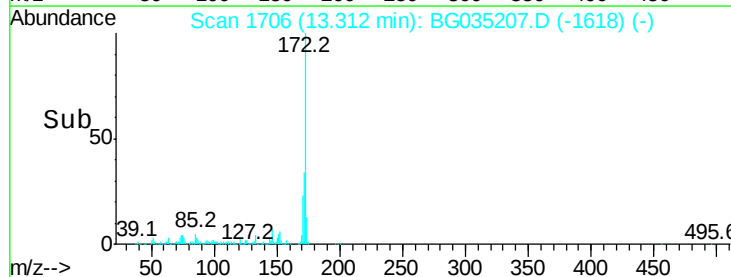
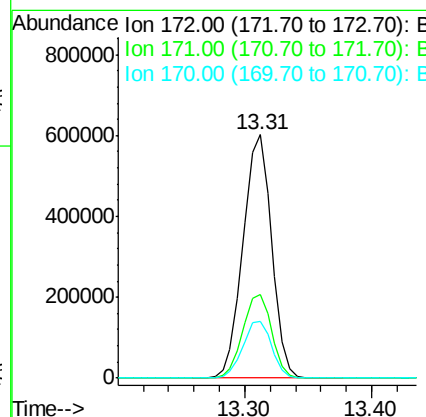
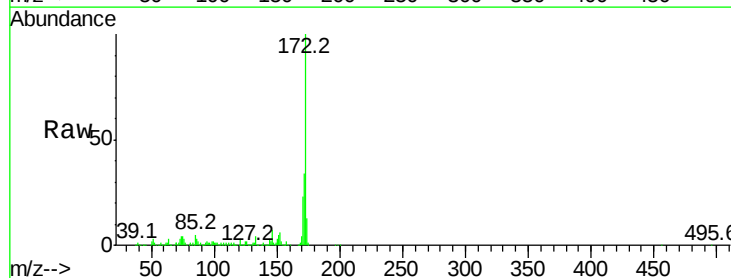
Manual Integrations  
 APPROVED

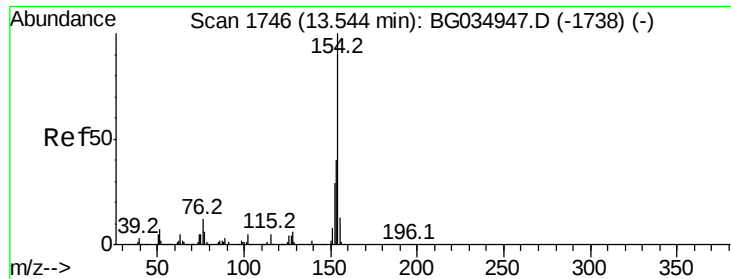
Sohil  
 6/18/2018 10:43:02 AM



#44  
 2-Fluorobiphenyl  
 Concen: 90.734 ng  
 RT: 13.31 min Scan# 1706  
 Delta R.T. -0.02 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 941128 |       |       |
| 171     | 34.5  | 30.0   | 45.0  |       |
| 170     | 23.1  | 19.5   | 29.3  |       |





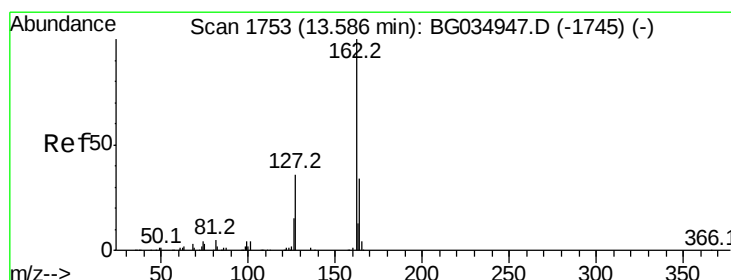
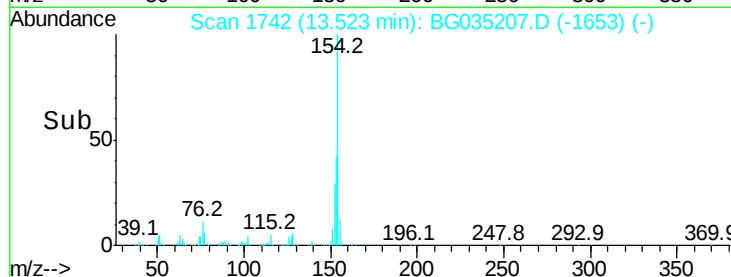
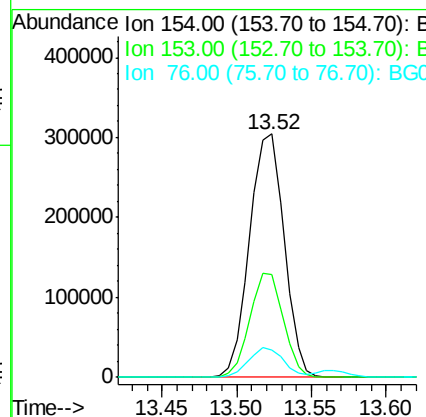
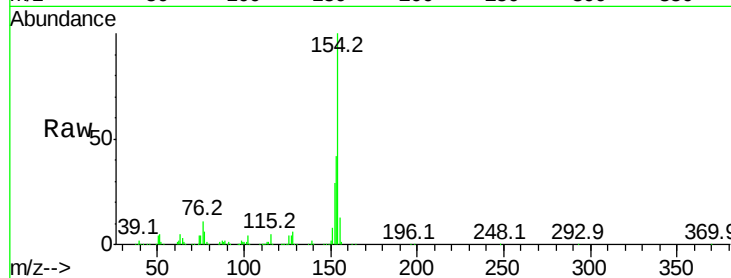
#45  
 1,1'-Biphenyl  
 Concen: 45.092 ng  
 RT: 13.52 min Scan# 1742  
 Delta R.T. -0.01 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 42.2  | 19.8 | 59.8  |       |
| 76      | 11.4  | 0.0  | 31.9  |       |

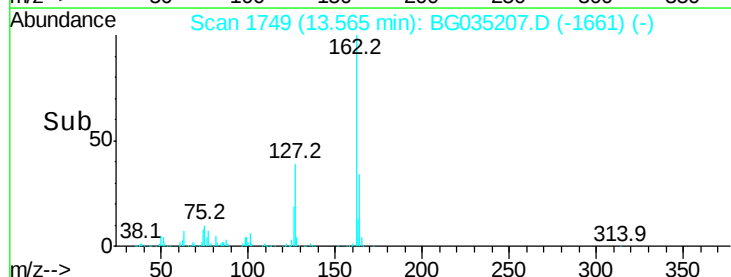
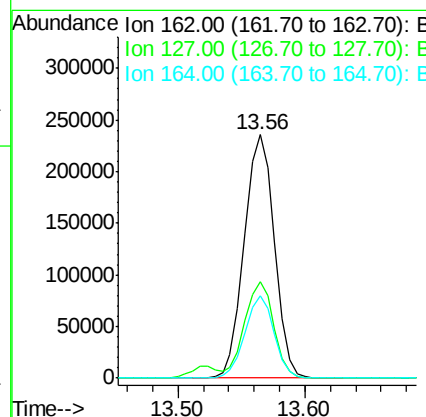
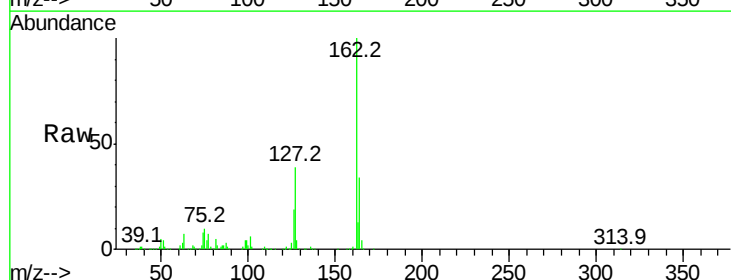
Manual Integrations  
 APPROVED

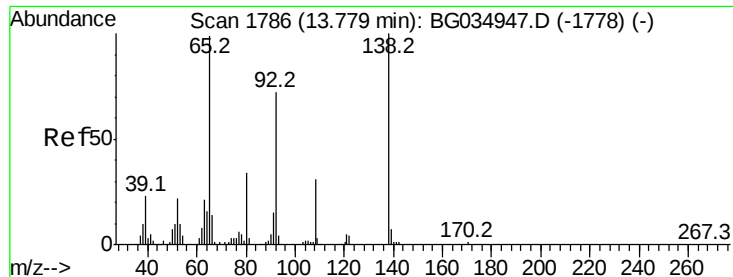
Sohil  
 6/18/2018 10:43:02 AM



#46  
 2-Chloronaphthalene  
 Concen: 47.199 ng  
 RT: 13.56 min Scan# 1749  
 Delta R.T. -0.02 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 39.4  | 30.7 | 46.1  |       |
| 164     | 34.1  | 26.0 | 39.0  |       |





#47

2-Nitroaniline

Concen: 58.365 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

ClientSampleId :

SB-44COMPMS

Tot Ion: 65 Resp: 141284

Ion Ratio Lower Upper

65 100

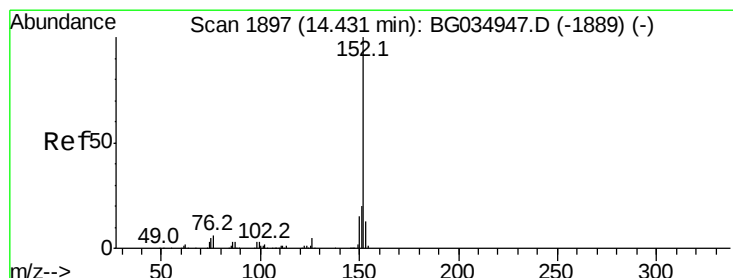
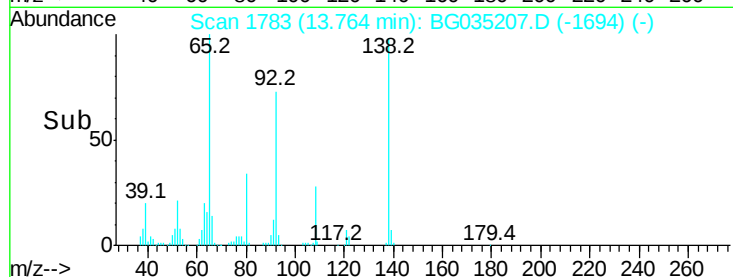
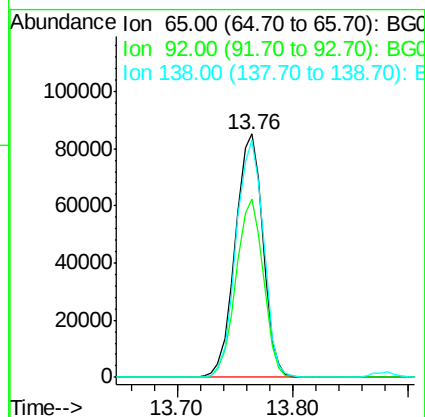
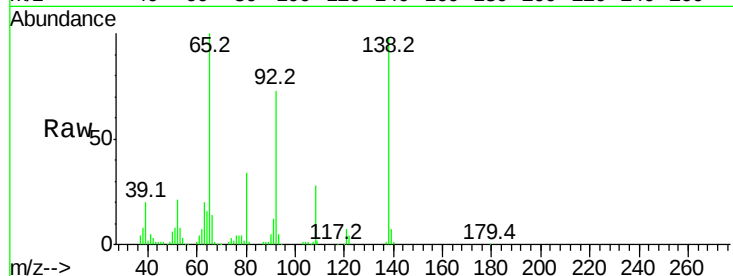
92 73.1 54.6 82.0

138 97.6 72.9 109.3

Manual Integrations  
APPROVED

Sohil

6/18/2018 10:43:02 AM



#48

Acenaphthylene

Concen: 47.965 ng

RT: 14.41 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

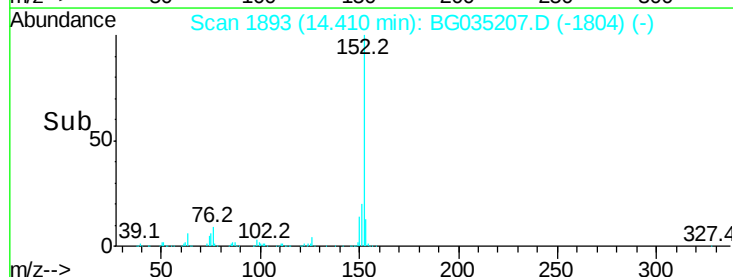
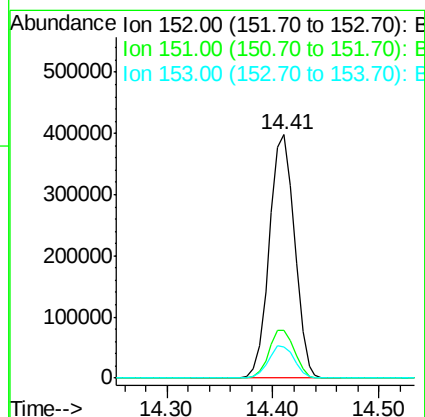
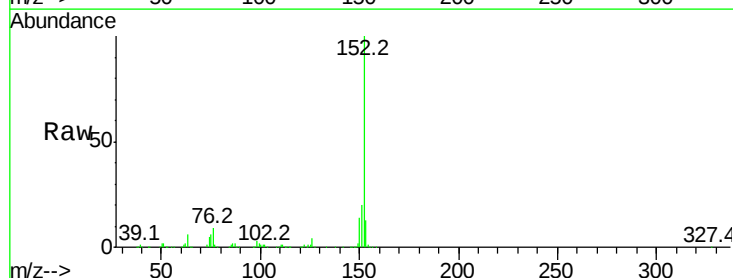
Tgt Ion: 152 Resp: 659314

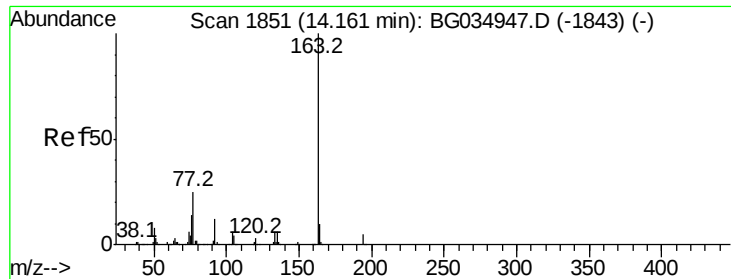
Ion Ratio Lower Upper

152 100

151 19.7 17.2 25.8

153 13.0 10.2 15.4





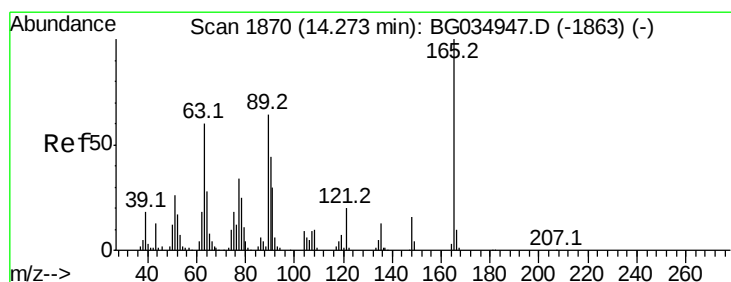
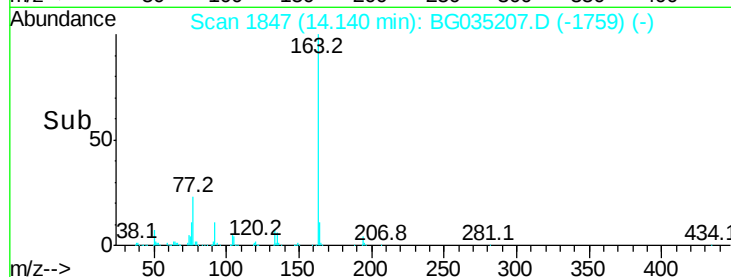
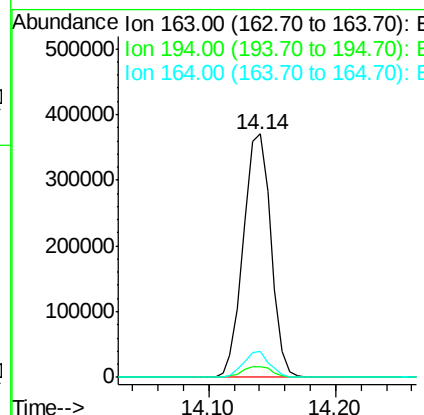
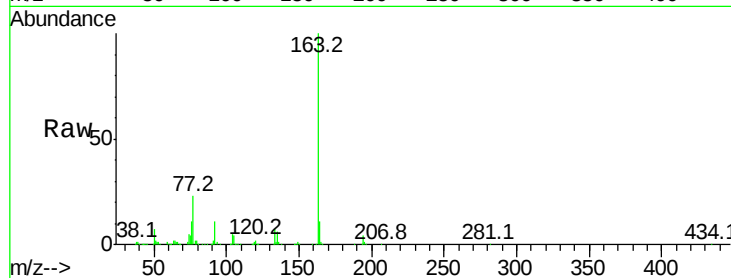
#49  
Dimethylphthalate  
Concen: 47.464 ng  
RT: 14.14 min Scan# 1847  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 4.5   | 3.4  | 5.2   |       |
| 164     | 10.5  | 8.2  | 12.4  |       |

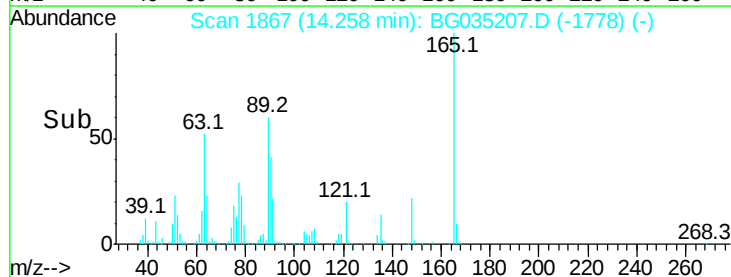
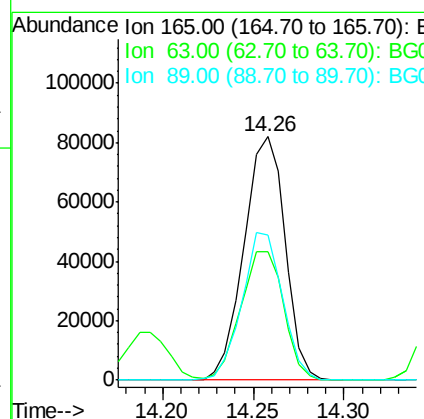
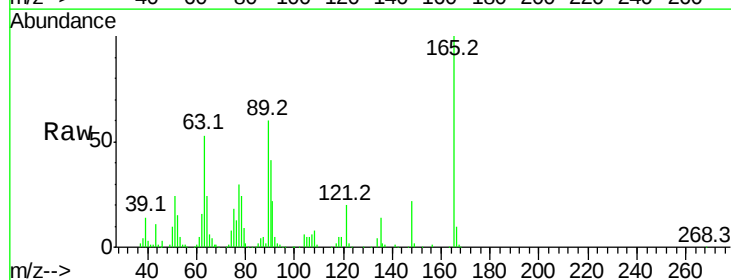
Manual Integrations  
APPROVED

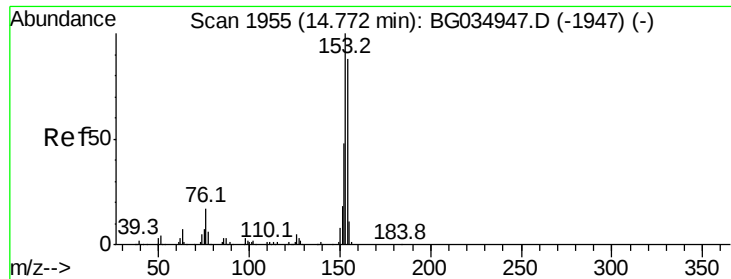
Sohil  
6/18/2018 10:43:02 AM



#50  
2,6-Dinitrotoluene  
Concen: 60.622 ng  
RT: 14.26 min Scan# 1867  
Delta R.T. -0.01 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 52.9  | 52.7 | 79.1  |       |
| 89      | 59.7  | 49.2 | 73.8  |       |





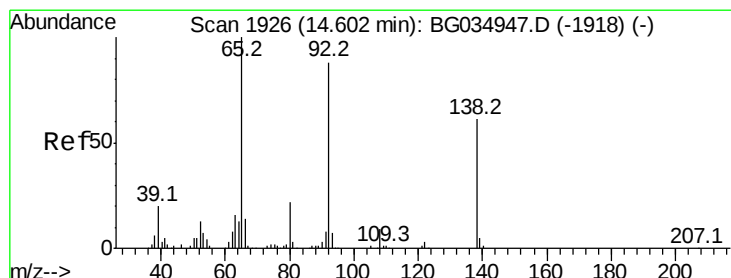
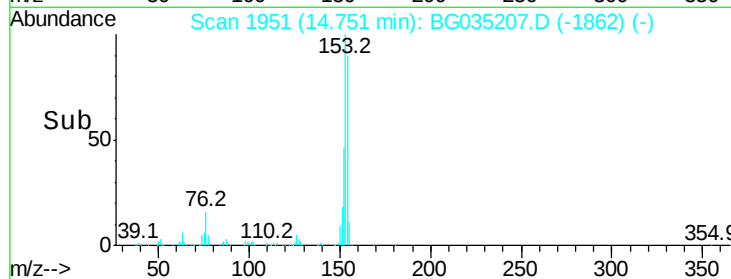
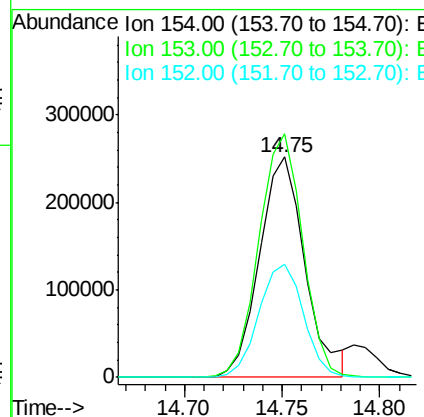
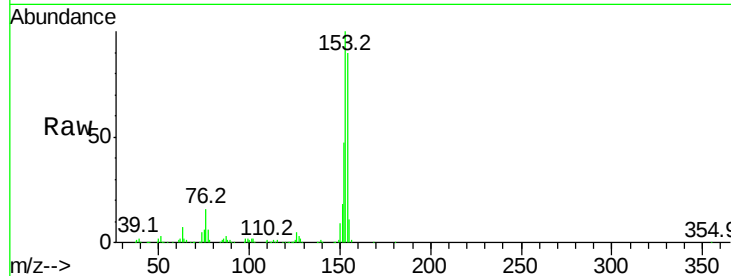
#51  
Acenaphthene  
Concen: 45.234 ng  
RT: 14.75 min Scan# 1951  
Delta R.T. -0.01 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 110.5 | 90.4  | 135.6 |
| 152     | 51.4  | 41.6  | 62.4  |

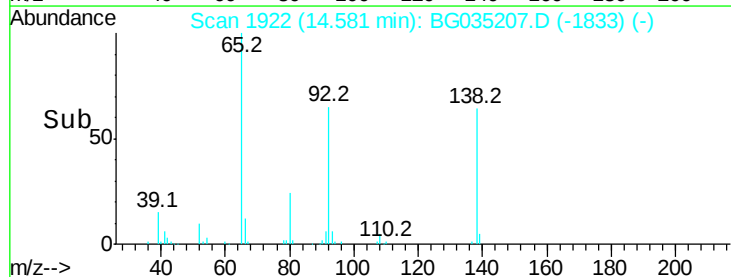
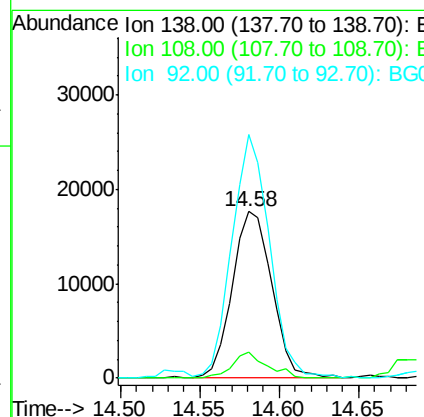
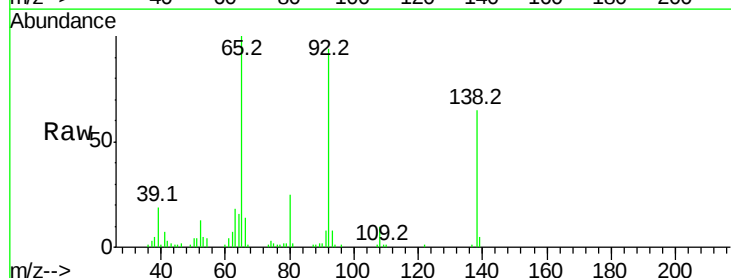
Manual Integrations  
APPROVED

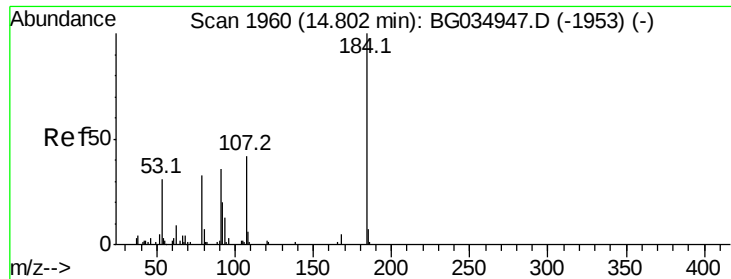
Sohil  
6/18/2018 10:43:02 AM



#52  
3-Nitroaniline  
Concen: 14.528 ng  
RT: 14.58 min Scan# 1922  
Delta R.T. -0.01 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 15.6  | 17.5  | 26.3# |
| 92      | 146.2 | 105.8 | 158.8 |





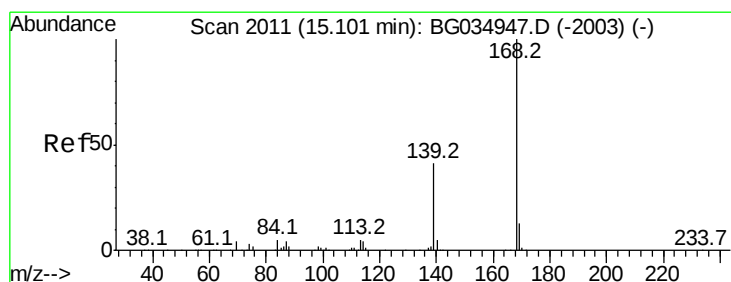
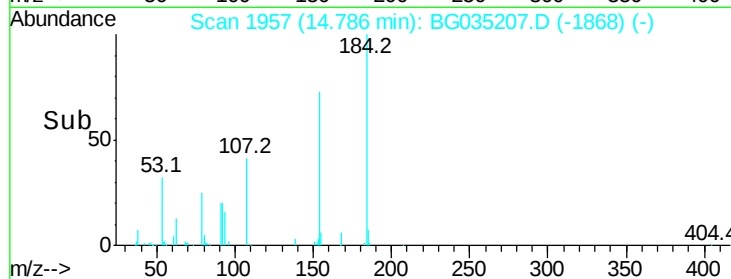
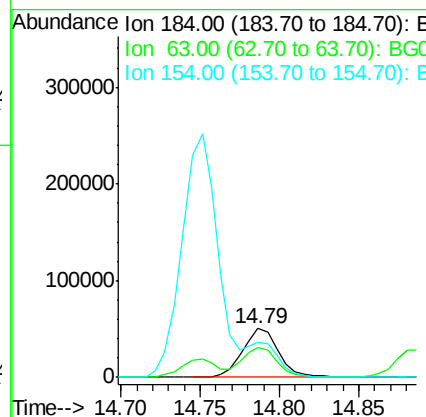
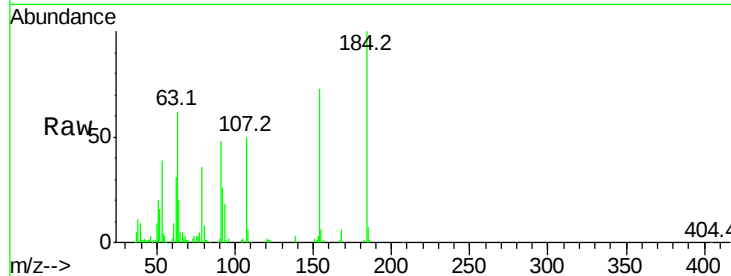
#53  
2,4-Dinitrophenol  
Concen: 90.891 ng  
RT: 14.79 min Scan# 1957  
Delta R.T. -0.01 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 61.8  | 59.8  | 89.8   |
| 154     | 72.9  | 101.8 | 152.8# |

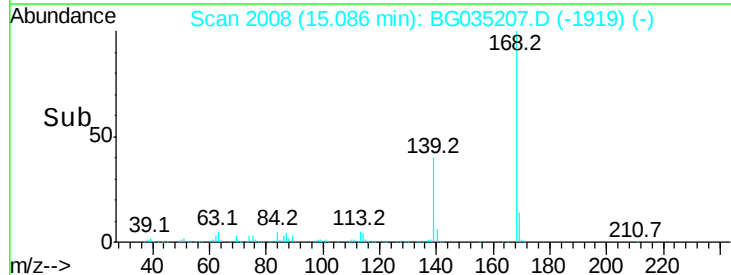
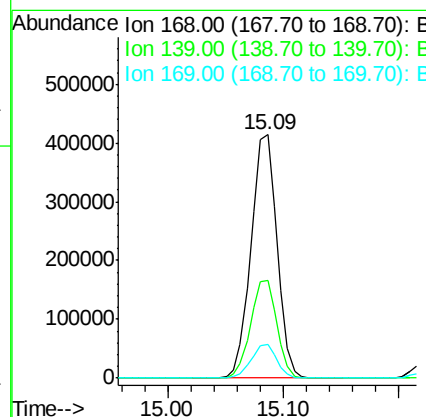
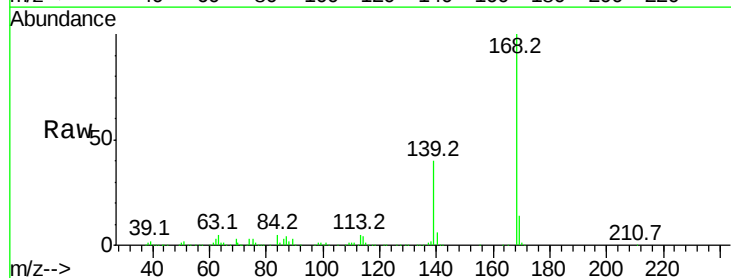
Manual Integrations  
APPROVED

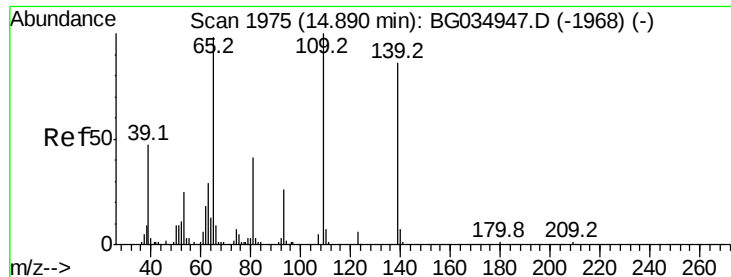
Sohil  
6/18/2018 10:43:02 AM



#54  
Dibenzofuran  
Concen: 48.201 ng  
RT: 15.09 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.3  | 28.6  | 43.0  |
| 169     | 13.7  | 11.2  | 16.8  |





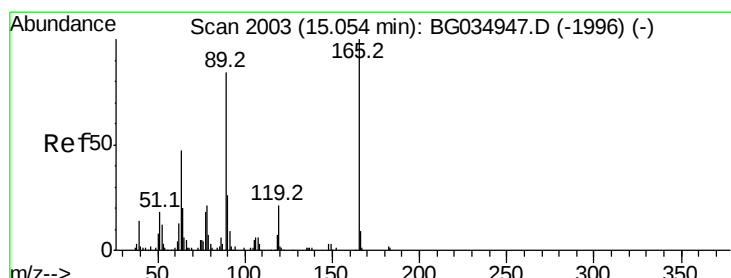
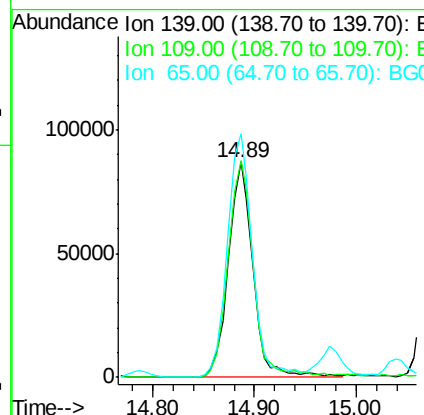
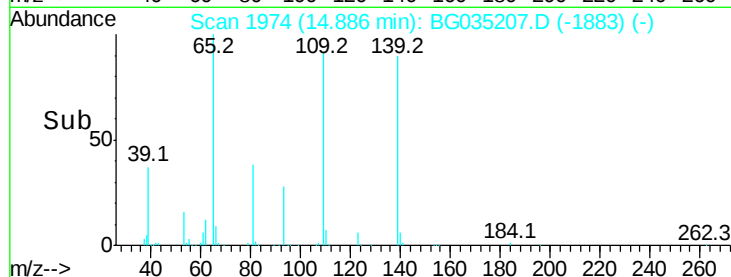
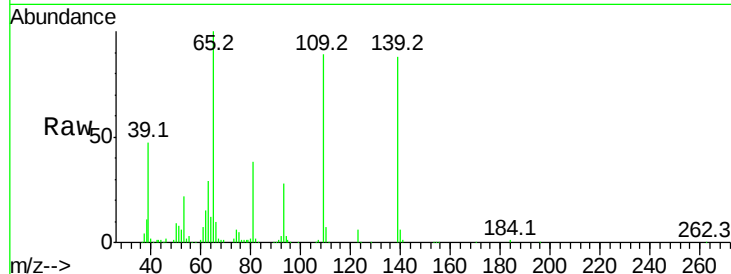
#55  
4-Nitrophenol  
Concen: 82.176 ng  
RT: 14.89 min Scan# 1974  
Delta R.T. 0.00 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 101.0 | 62.2 | 102.2 |       |
| 65      | 113.2 | 97.2 | 137.2 |       |

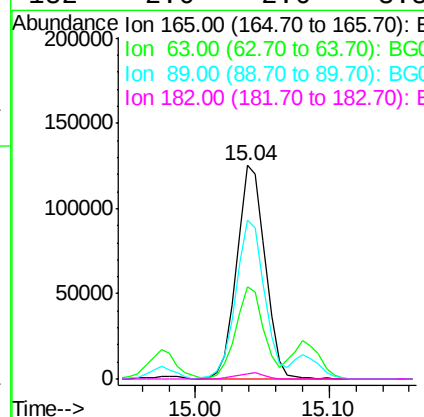
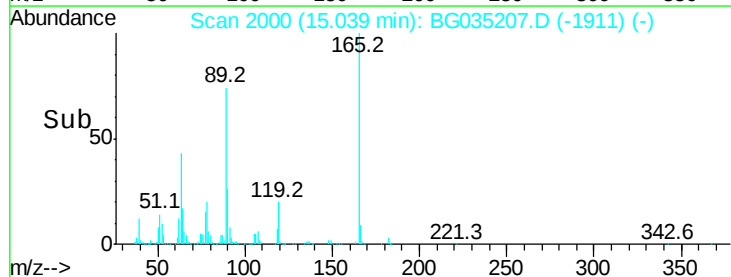
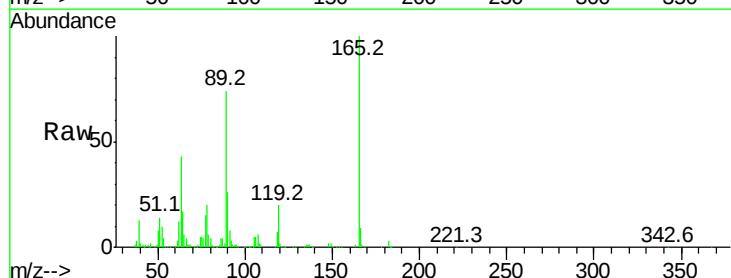
Manual Integrations  
APPROVED

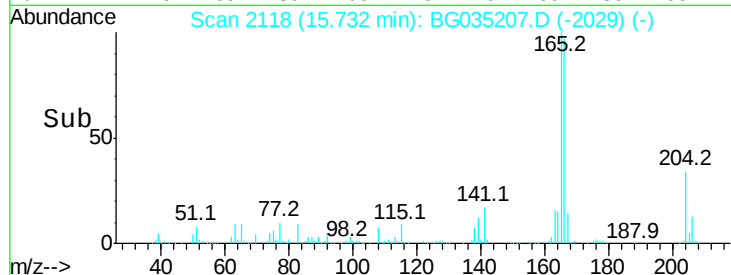
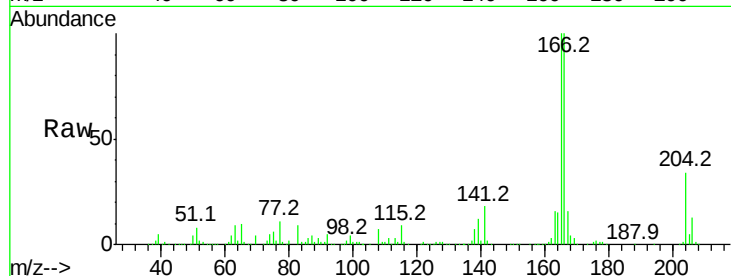
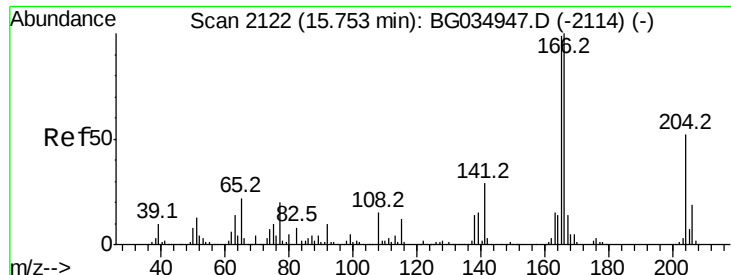
Sohil  
6/18/2018 10:43:02 AM



#56  
2,4-Dinitrotoluene  
Concen: 65.077 ng  
RT: 15.04 min Scan# 2000  
Delta R.T. -0.01 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 43.3  | 42.0 | 63.0  |       |
| 89      | 74.3  | 66.9 | 100.3 |       |
| 182     | 2.6   | 2.6  | 3.8   |       |





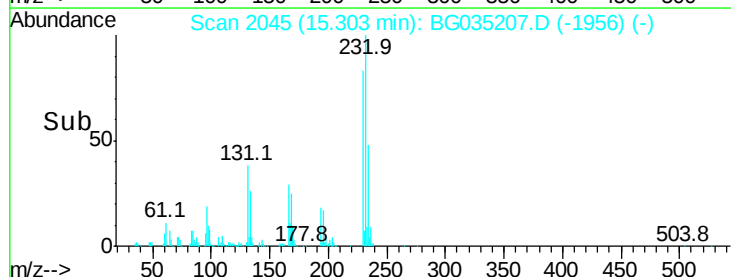
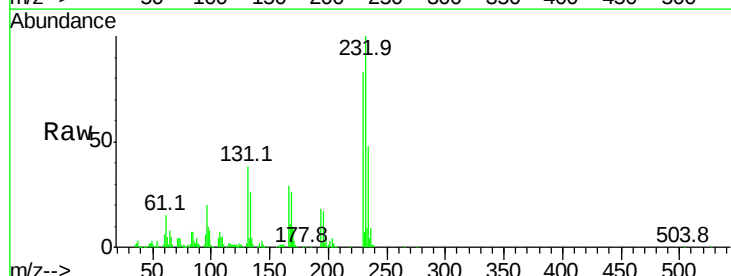
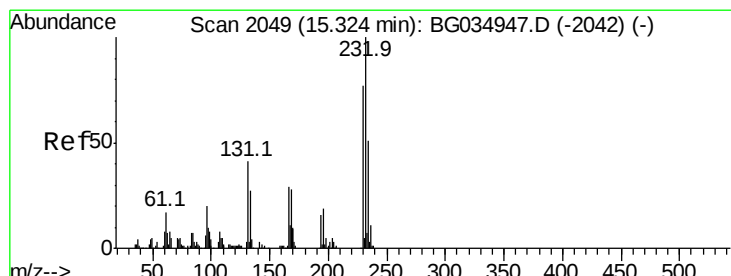
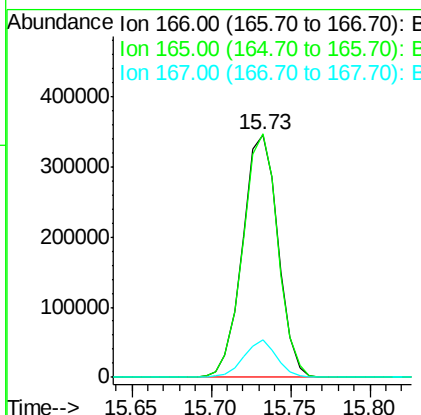
#57  
 Fluorene  
 Concen: 47.683 ng  
 RT: 15.73 min Scan# 2118  
 Delta R.T. -0.01 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 100.3 | 80.6 | 121.0 |       |
| 167     | 15.6  | 10.4 | 15.6  |       |

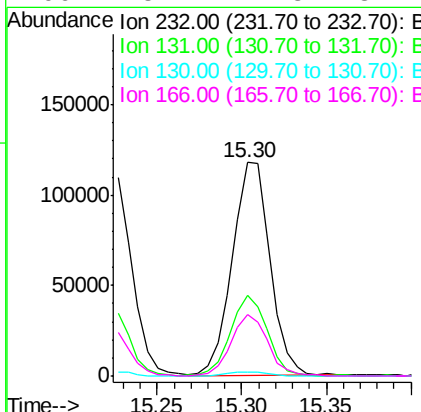
Manual Integrations  
 APPROVED

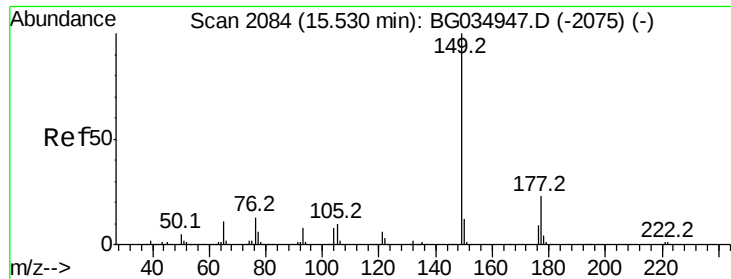
Sohil  
 6/18/2018 10:43:02 AM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 57.084 ng  
 RT: 15.30 min Scan# 2045  
 Delta R.T. -0.01 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 36.6  | 33.5 | 50.3  |       |
| 130     | 2.2   | 2.2  | 3.2   |       |
| 166     | 28.2  | 24.8 | 37.2  |       |





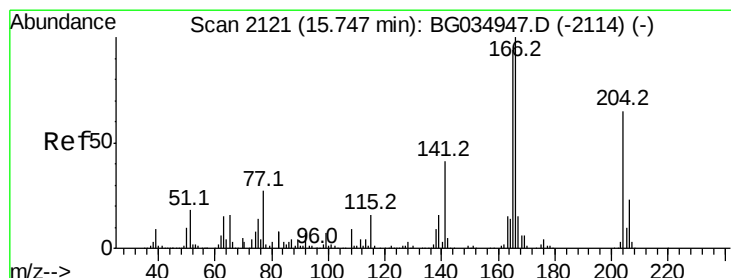
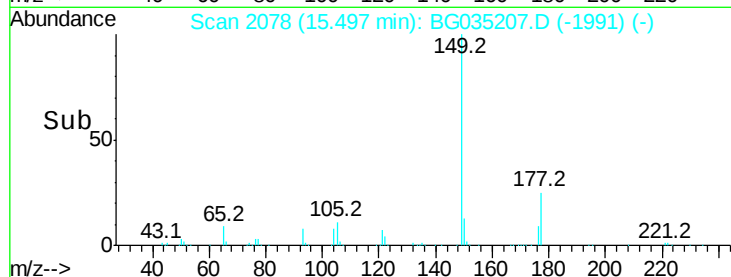
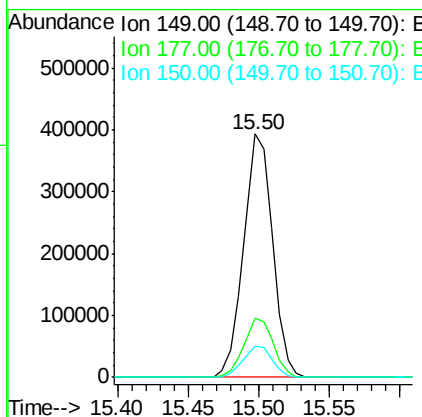
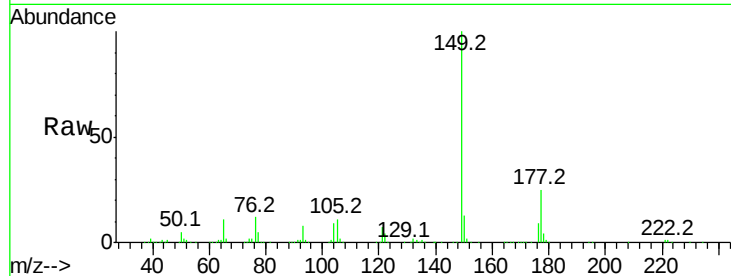
#59  
Diethylphthalate  
Concen: 47.039 ng  
RT: 15.50 min Scan# 2078  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 564307 |       |       |
| 177     | 24.5  | 18.5   | 27.7  |       |
| 150     | 12.8  | 10.2   | 15.2  |       |

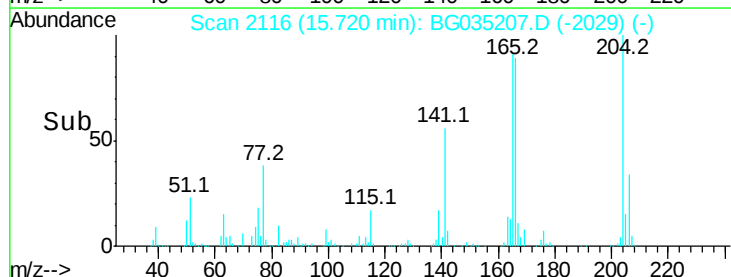
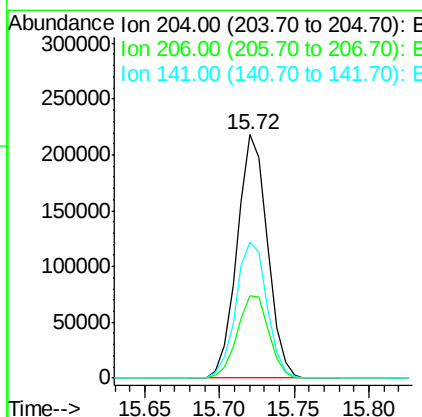
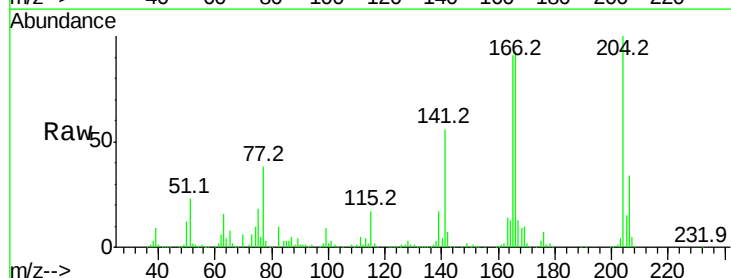
Manual Integrations  
APPROVED

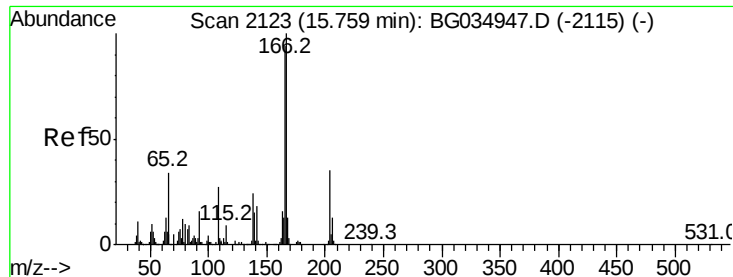
Sohil  
6/18/2018 10:43:02 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 48.025 ng  
RT: 15.72 min Scan# 2116  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 307846 |       |       |
| 206     | 34.0  | 26.2   | 39.2  |       |
| 141     | 56.2  | 45.8   | 68.6  |       |





#61

4-Nitroaniline

Concen: 54.065 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

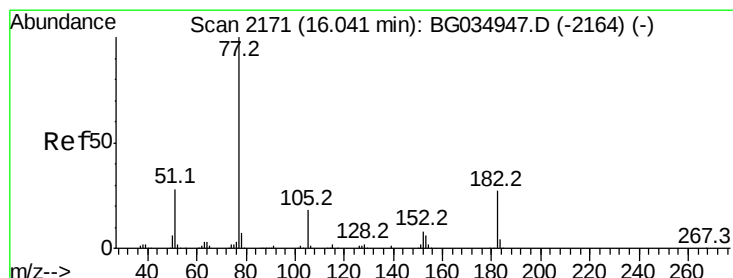
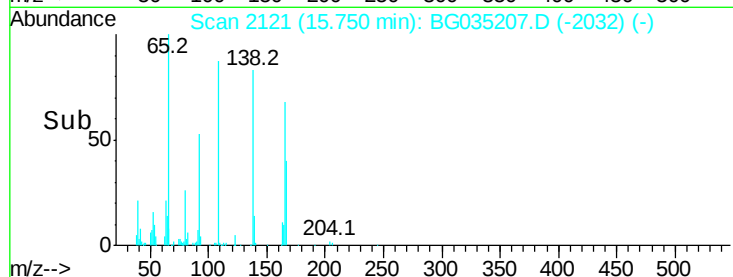
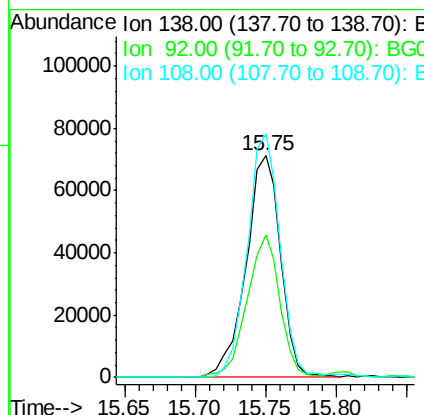
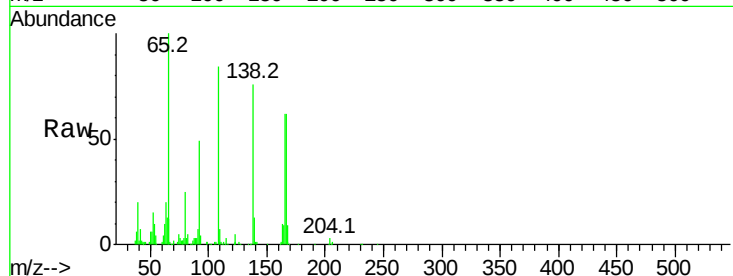
ClientSampleId :

SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 64.4  | 40.1  | 80.1  |
| 108     | 110.1 | 65.4  | 105.4 |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



#62

Azobenzene

Concen: 48.267 ng

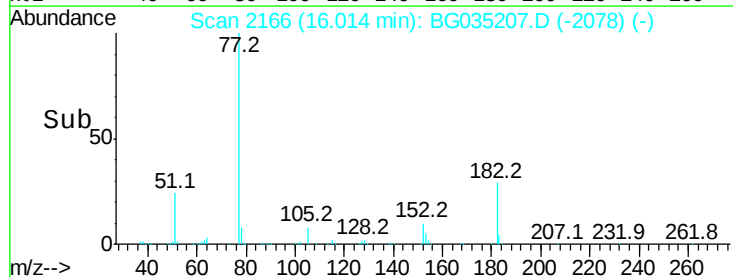
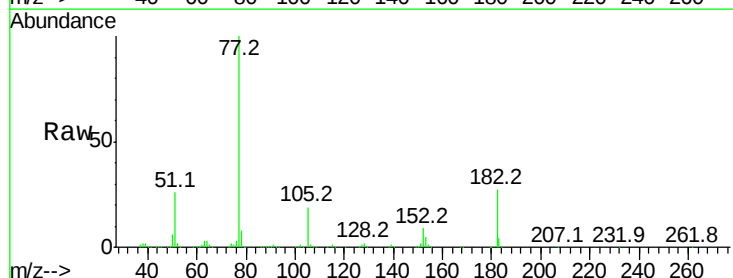
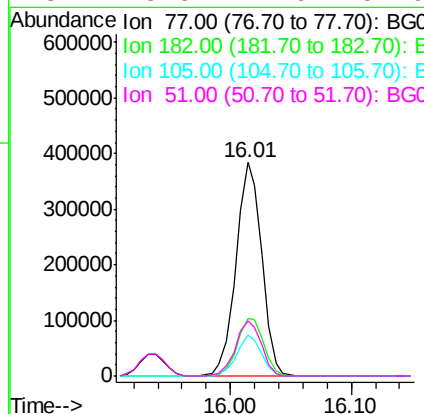
RT: 16.01 min Scan# 2166

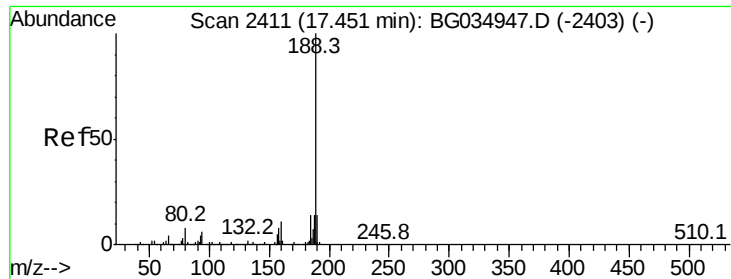
Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.0  | 7.4   | 47.4  |
| 105     | 19.1  | 0.3   | 40.3  |
| 51      | 25.6  | 11.6  | 51.6  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

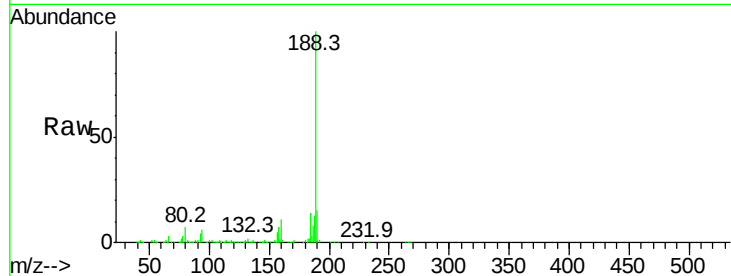
ClientSampleId :

SB-44COMPMS

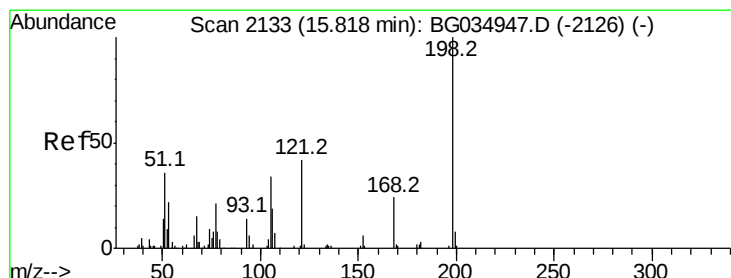
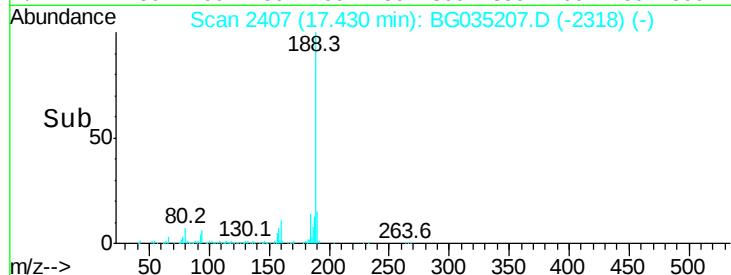
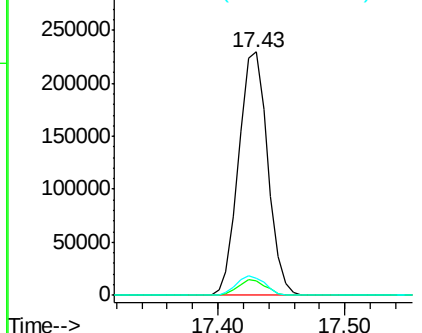
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 363857 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 5.9   | 6.9   | 10.3#  |
| 80        | 7.0   | 7.7   | 11.5#  |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 49.116 ng

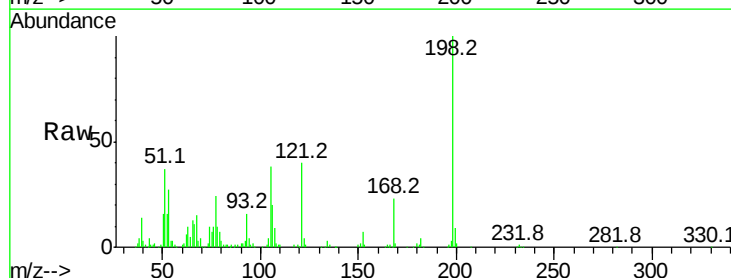
RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

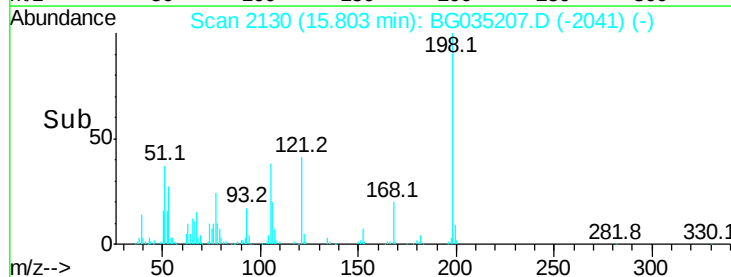
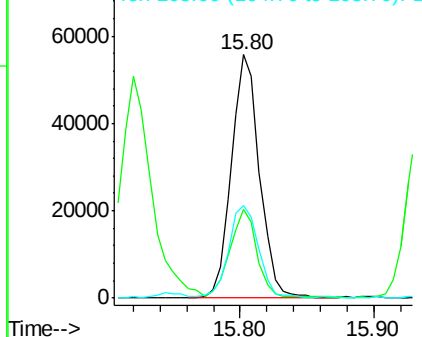
Lab File: BG035207.D

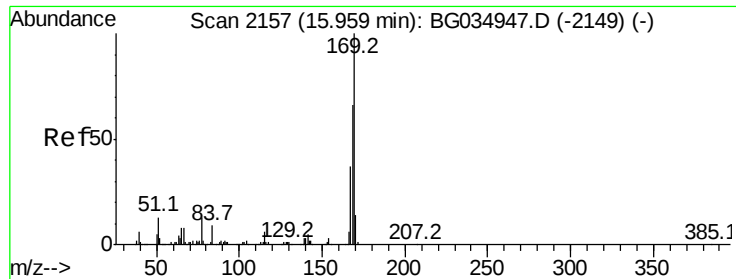
Acq: 16 Jun 2018 14:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 81594 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 36.6  | 30.6  | 70.6  |
| 105       | 38.0  | 23.8  | 63.8  |



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.707 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

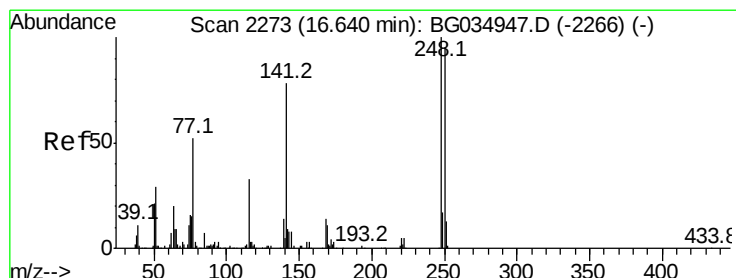
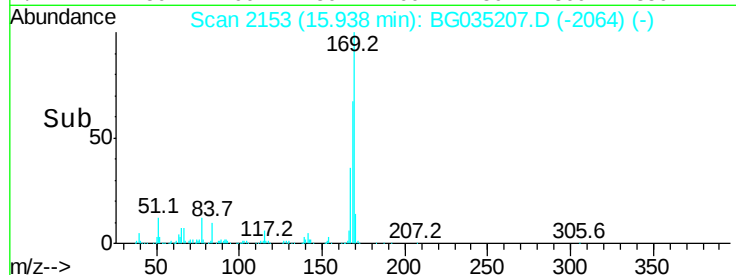
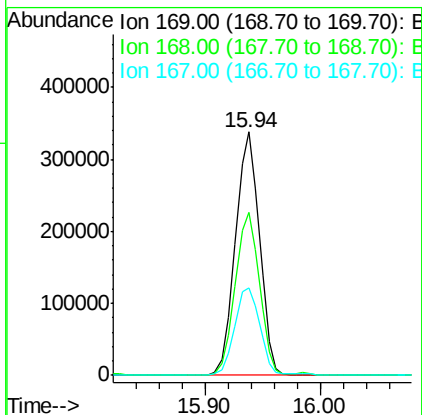
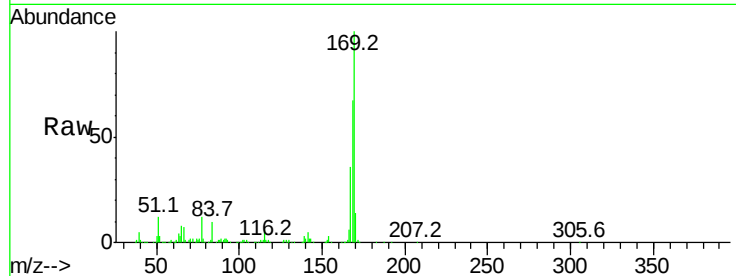
ClientSampleId :

SB-44COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 488515 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.1  | 55.7  | 83.5   |
| 167       | 36.0  | 30.1  | 45.1   |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



#66

4-Bromophenyl-phenylether

Concen: 49.445 ng

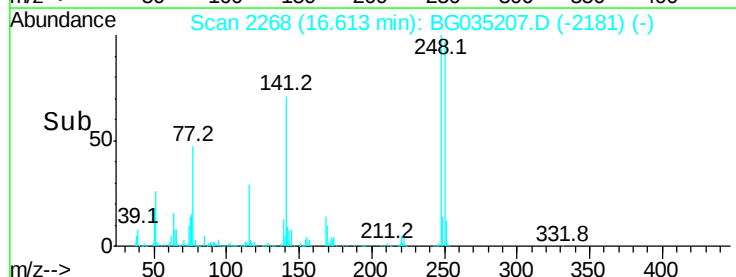
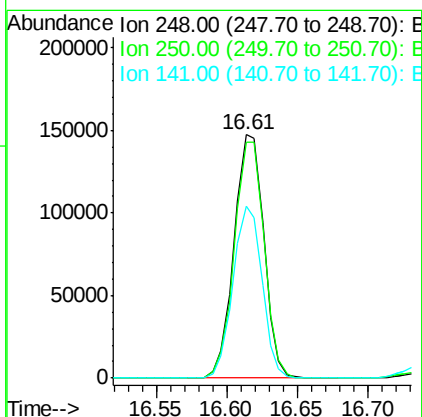
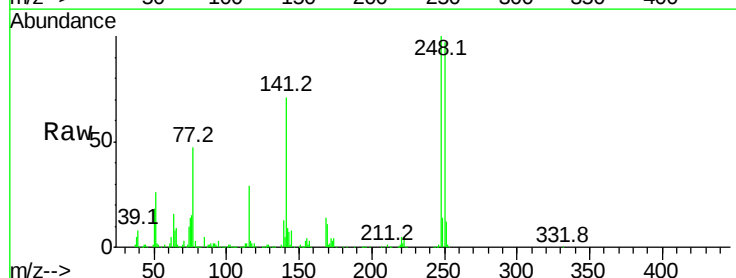
RT: 16.61 min Scan# 2268

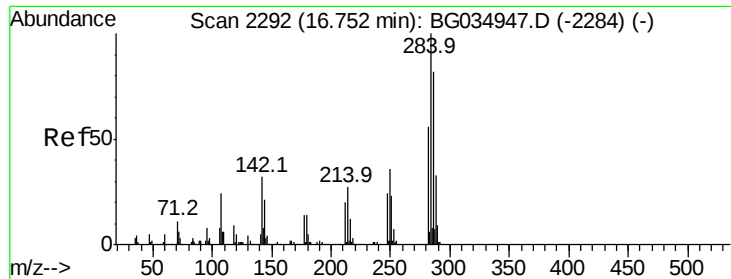
Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 216654 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.8  | 77.1  | 115.7  |
| 141       | 70.6  | 50.8  | 76.2   |





#67

Hexachlorobenzene

Concen: 48.402 ng

RT: 16.73 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

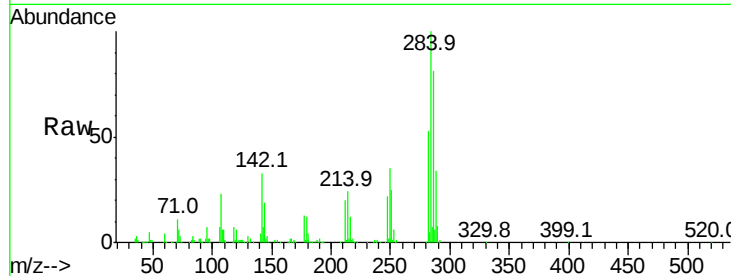
ClientSampleId :

SB-44COMPMS

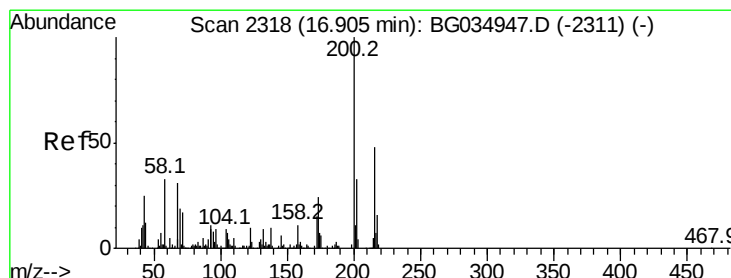
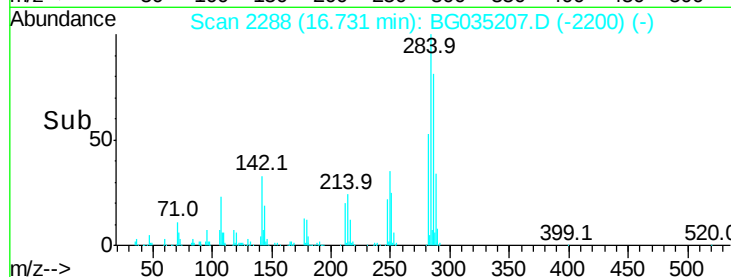
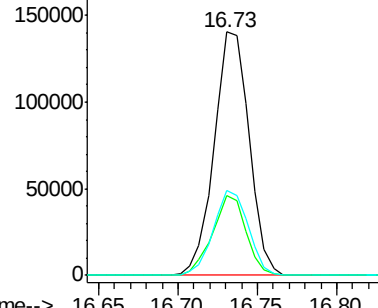
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 215864 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 33.0  | 26.8  | 40.2   |
| 249       | 34.9  | 26.3  | 39.5   |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



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



#68

Atrazine

Concen: 47.539 ng

RT: 16.88 min Scan# 2314

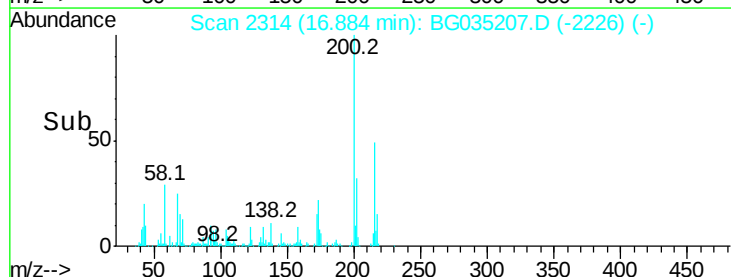
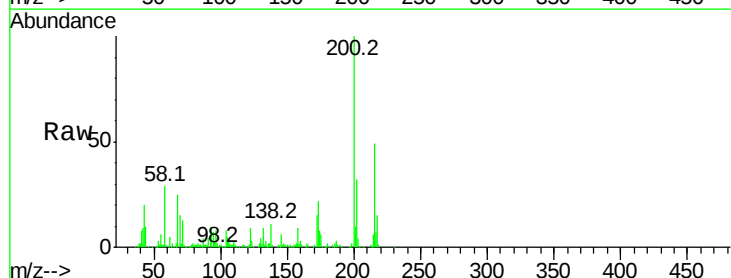
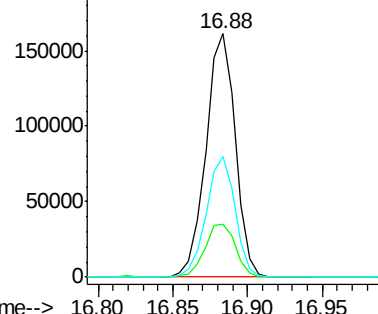
Delta R.T. -0.02 min

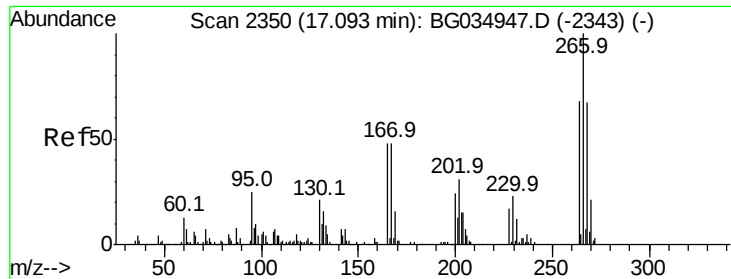
Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 221524 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 21.8  | 5.2   | 45.2   |
| 215       | 49.3  | 30.4  | 70.4   |

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





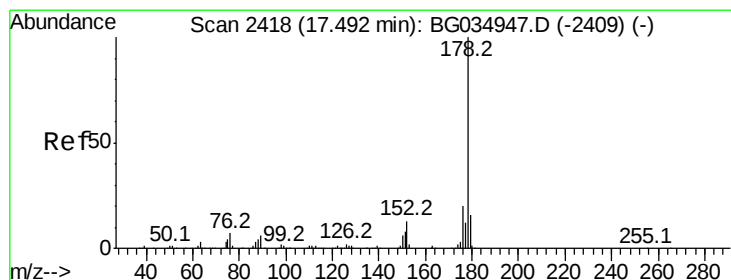
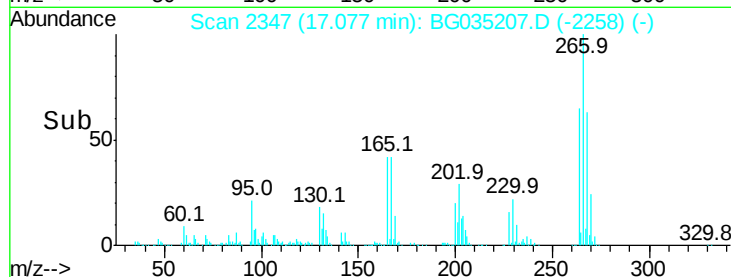
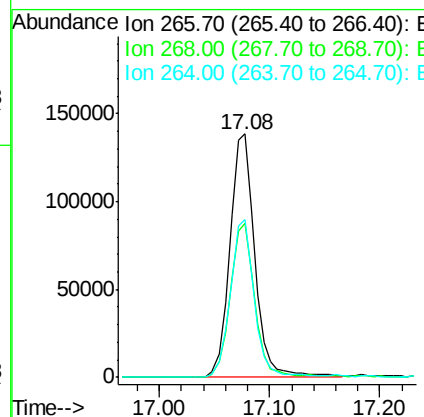
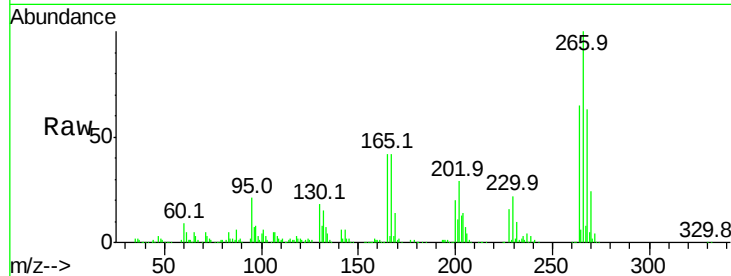
#69  
 Pentachlorophenol  
 Concen: 73.240 ng  
 RT: 17.08 min Scan# 2347  
 Delta R.T. -0.01 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 219642 |       |       |
| 268     | 63.2  | 51.1   | 76.7  |       |
| 264     | 64.8  | 49.6   | 74.4  |       |

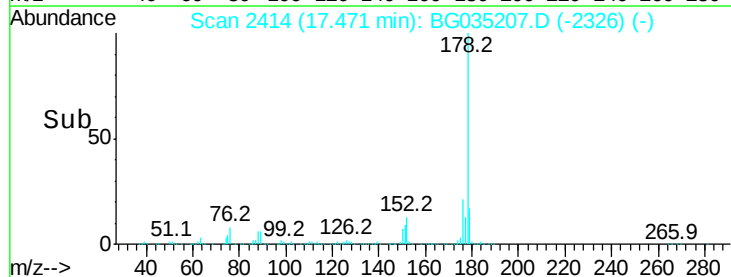
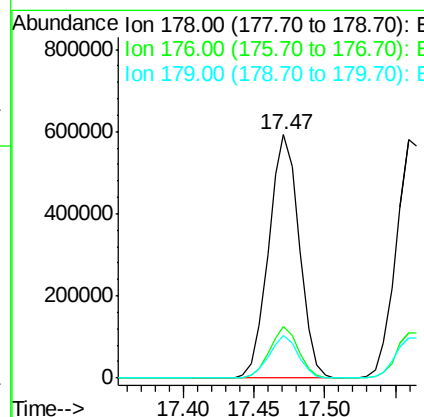
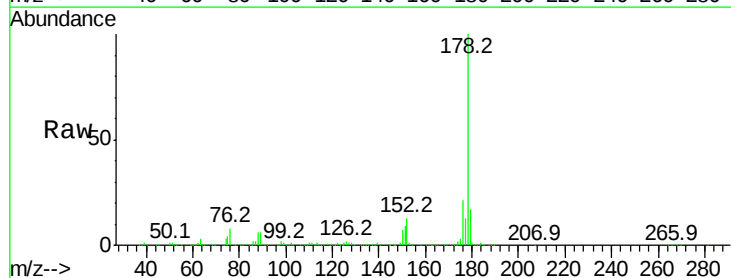
Manual Integrations  
 APPROVED

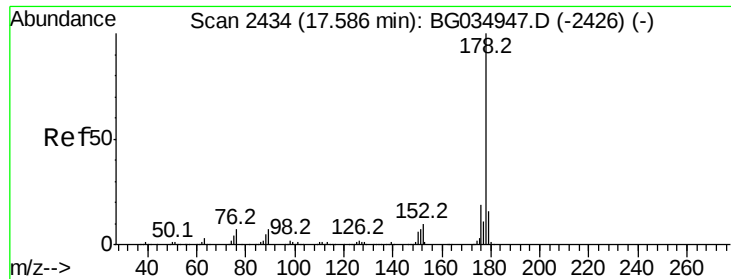
Sohil  
 6/18/2018 10:43:02 AM



#70  
 Phenanthrene  
 Concen: 48.486 ng  
 RT: 17.47 min Scan# 2414  
 Delta R.T. -0.02 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 896184 |       |       |
| 176     | 21.0  | 15.7   | 23.5  |       |
| 179     | 17.4  | 12.5   | 18.7  |       |





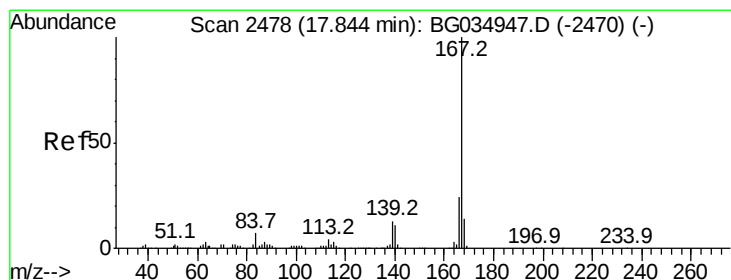
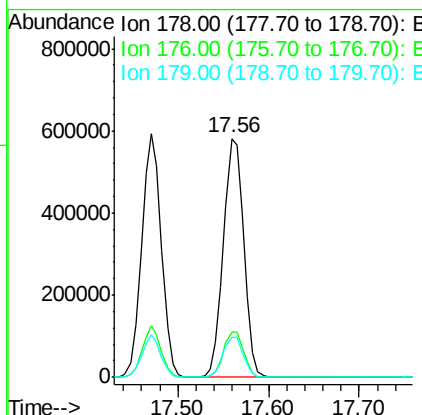
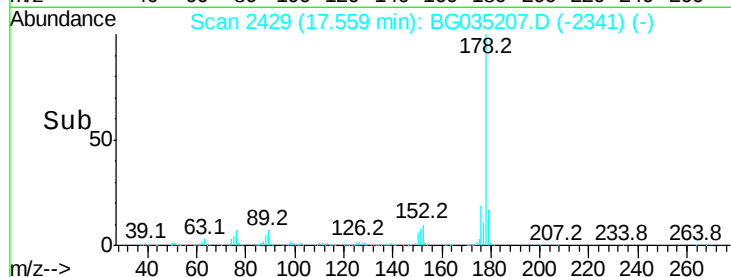
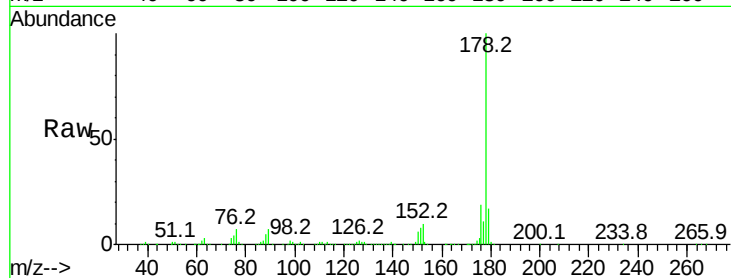
#71  
 Anthracene  
 Concen: 48.994 ng  
 RT: 17.56 min Scan# 2429  
 Delta R.T. -0.02 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 16.0  | 24.0  |
| 179     | 16.9  | 12.5  | 18.7  |

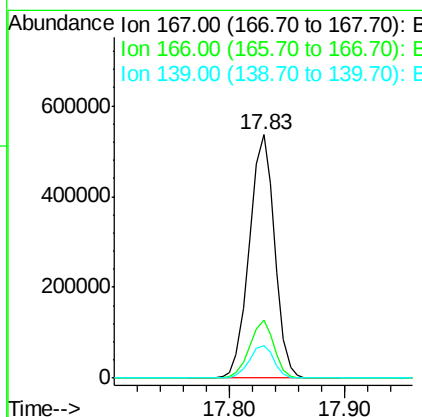
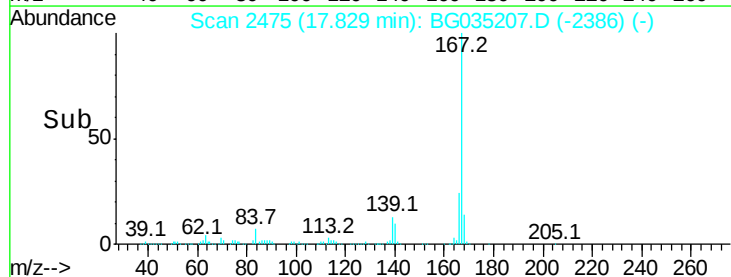
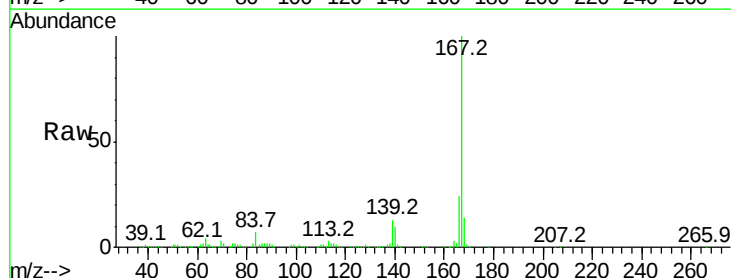
Manual Integrations  
 APPROVED

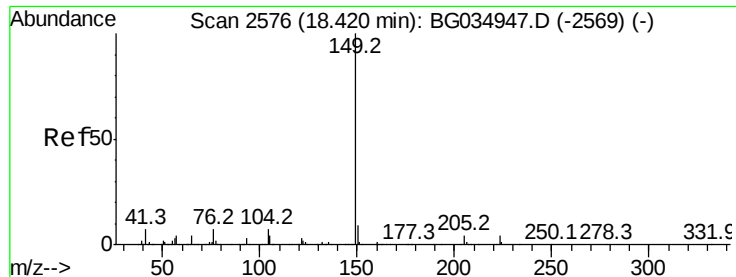
Sohil  
 6/18/2018 10:43:02 AM



#72  
 Carbazole  
 Concen: 47.664 ng  
 RT: 17.83 min Scan# 2475  
 Delta R.T. -0.01 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.6  | 18.2  | 27.4  |
| 139     | 13.4  | 9.4   | 14.2  |





#73

Di-n-butylphthalate

Concen: 45.946 ng

RT: 18.39 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

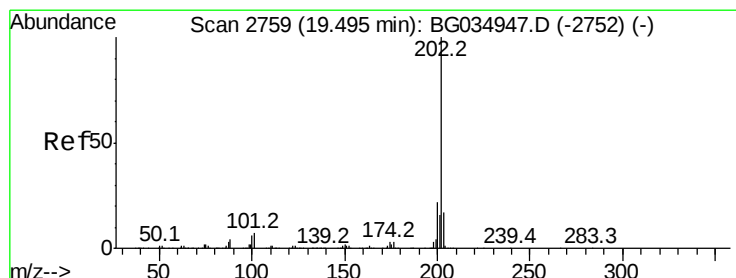
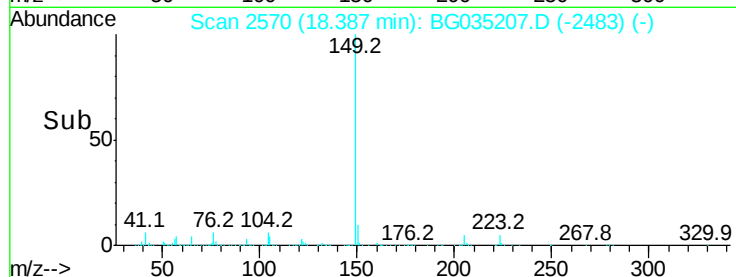
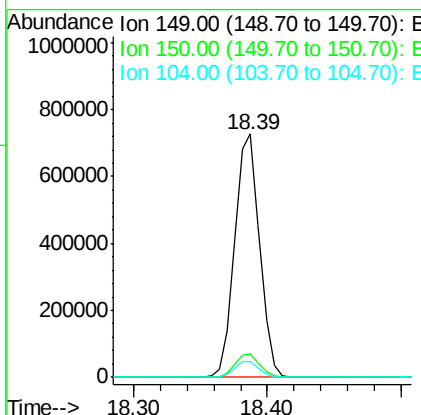
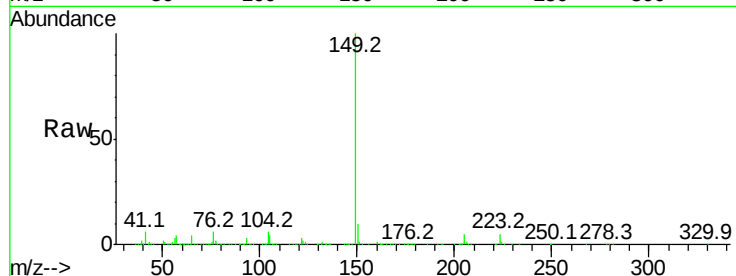
ClientSampleId :

SB-44COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 940731 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.5   | 7.8   | 11.6   |
| 104       | 6.4   | 3.9   | 5.9#   |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



#74

Fluoranthene

Concen: 47.812 ng

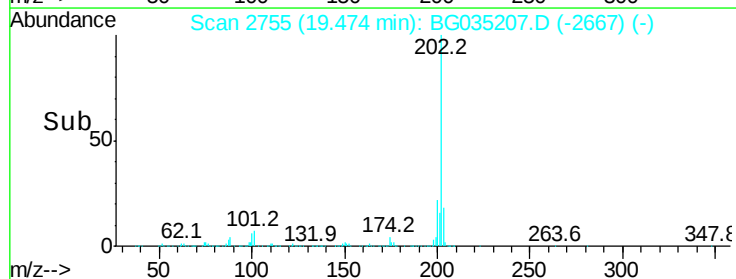
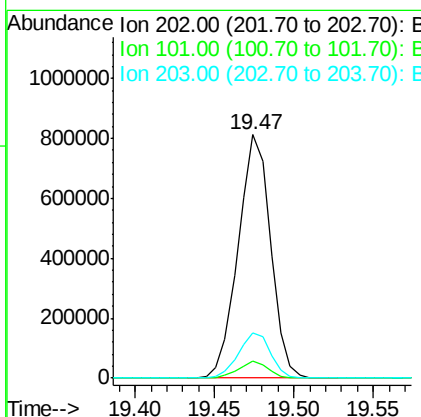
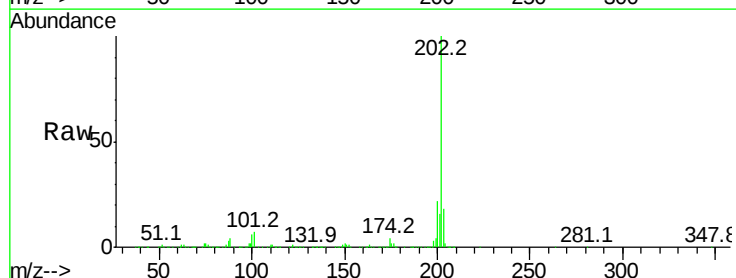
RT: 19.47 min Scan# 2755

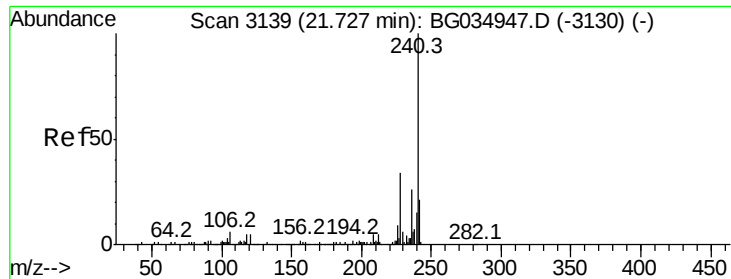
Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1149960 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 6.8   | 0.0   | 28.9    |
| 203       | 18.3  | 0.0   | 37.5    |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

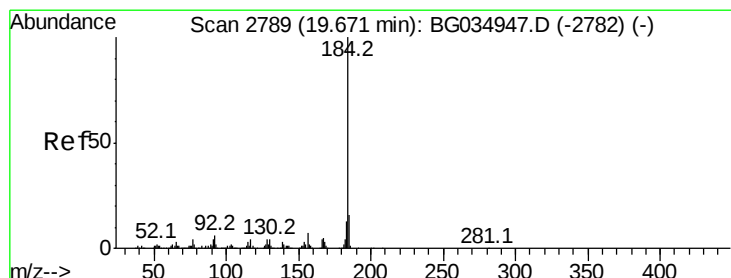
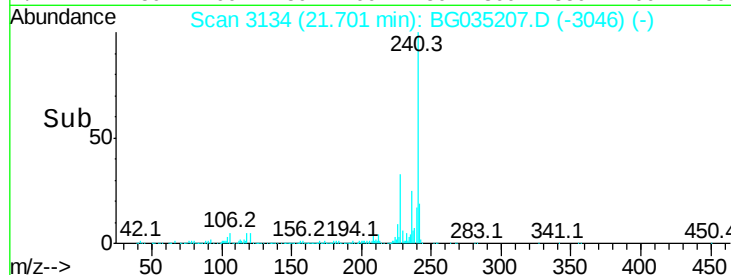
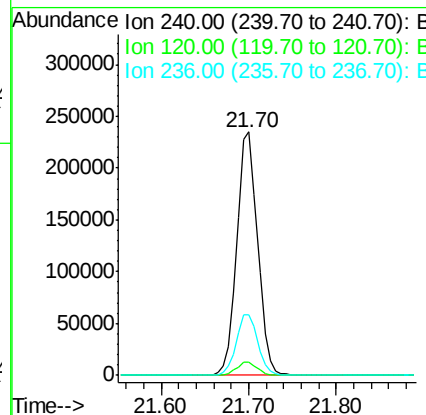
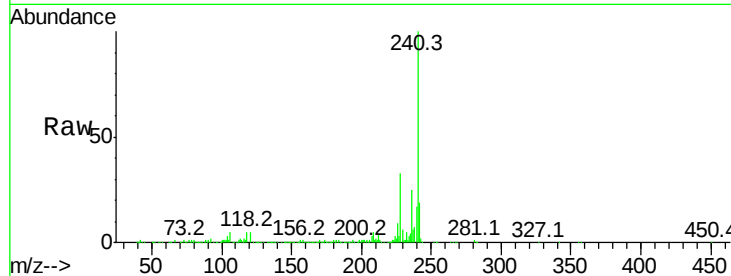
ClientSampleId :

SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.2   | 6.8   | 10.2# |
| 236     | 25.0  | 20.9  | 31.3  |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



#76

Benzidine

Concen: 6.326 ng

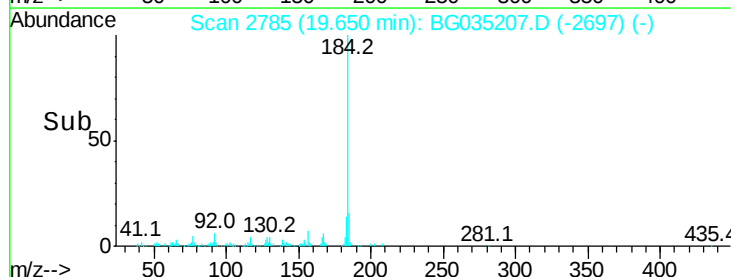
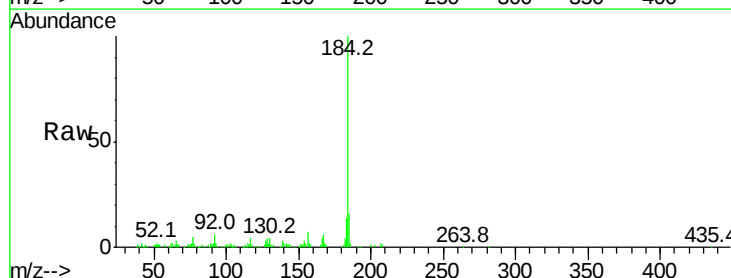
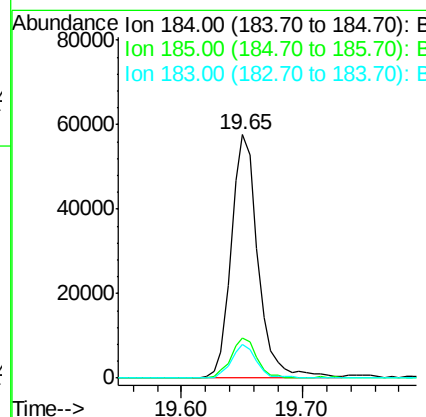
RT: 19.65 min Scan# 2785

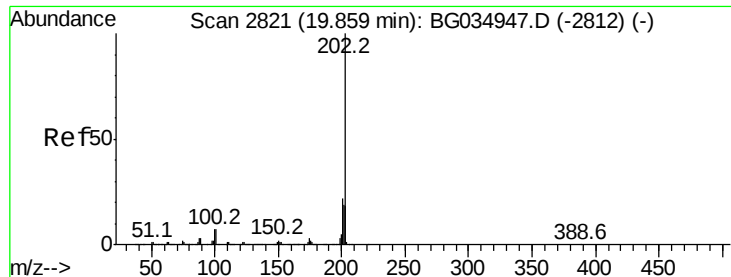
Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.5  | 11.1  | 16.7  |
| 183     | 14.0  | 10.6  | 16.0  |





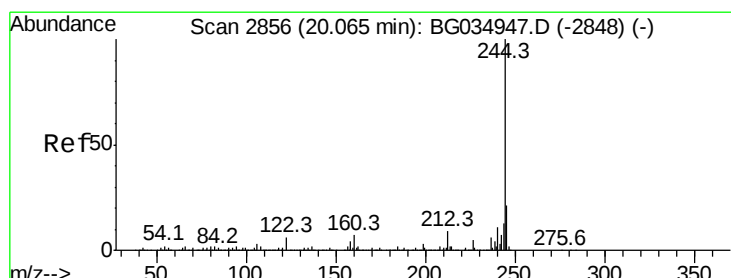
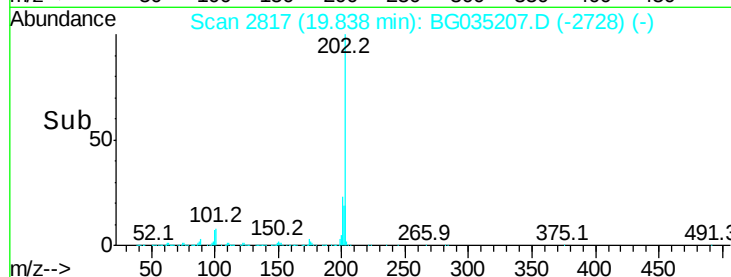
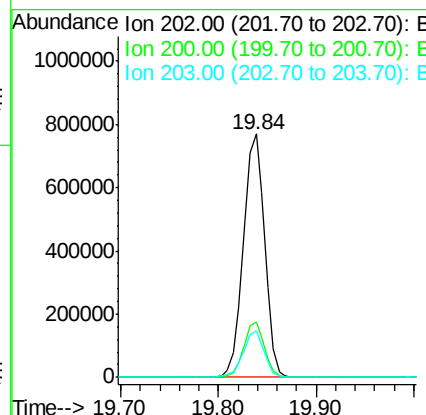
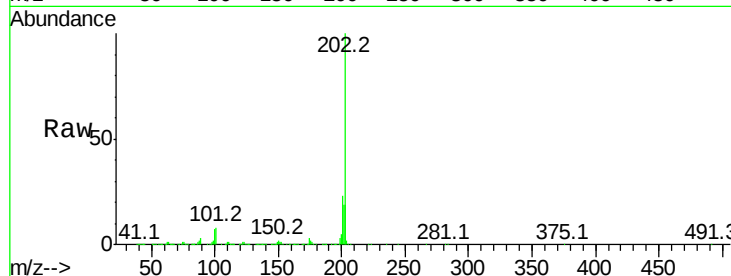
#77  
Pvrene  
Concen: 46.552 ng  
RT: 19.84 min Scan# 2817  
Delta R.T. -0.01 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 23.0  | 16.9  | 25.3  |
| 203     | 18.9  | 13.9  | 20.9  |

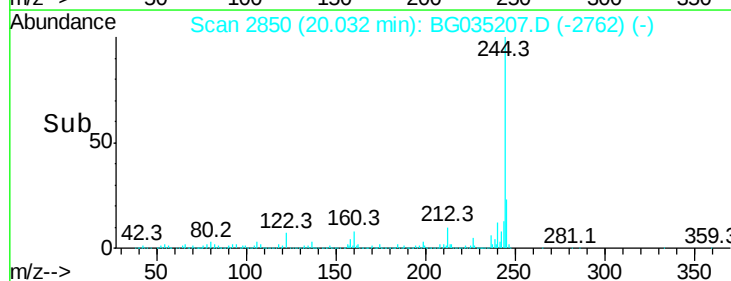
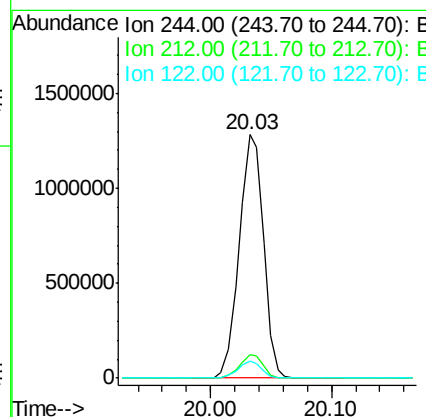
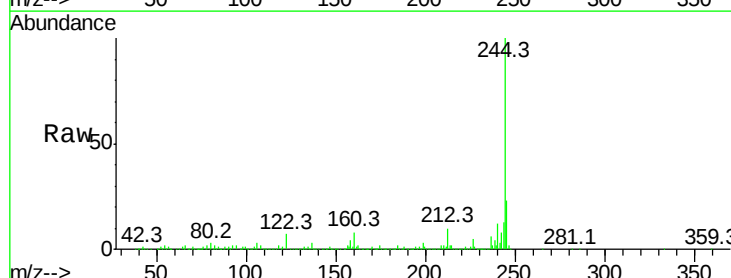
Manual Integrations  
APPROVED

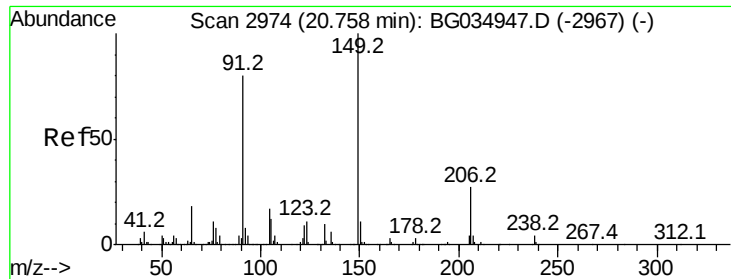
Sohil  
6/18/2018 10:43:02 AM



#78  
Terphenyl-d14  
Concen: 99.243 ng  
RT: 20.03 min Scan# 2850  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 9.6   | 5.8   | 8.8#  |
| 122     | 7.2   | 7.0   | 10.4  |





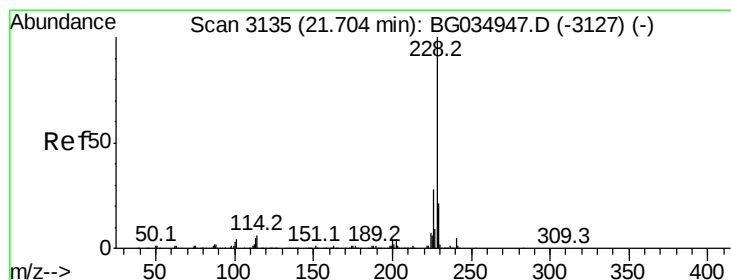
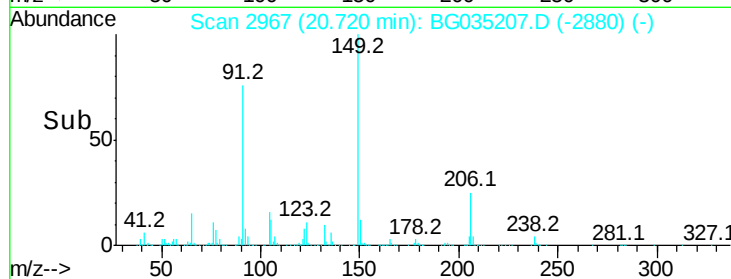
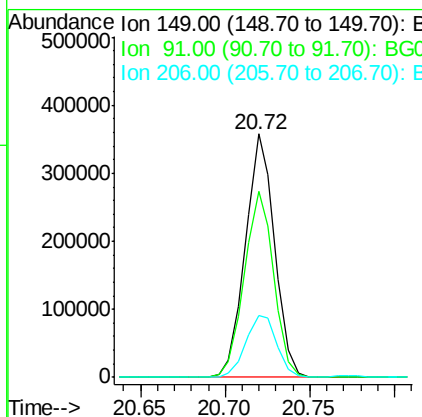
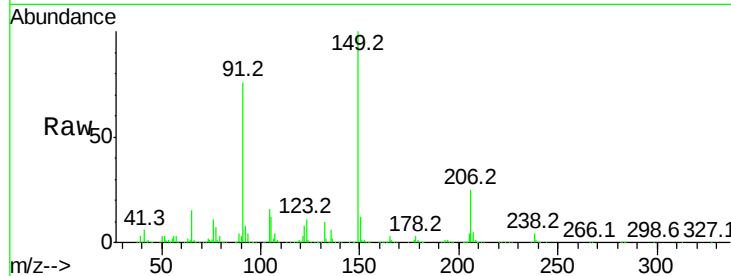
#79  
Butylbenzylphthalate  
Concen: 47.492 ng  
RT: 20.72 min Scan# 2967  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 430591 |       |       |
| 91      | 76.1  |        | 62.2  | 93.2  |
| 206     | 25.4  |        | 18.6  | 27.8  |

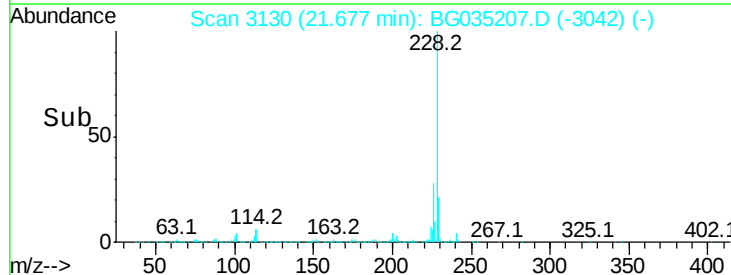
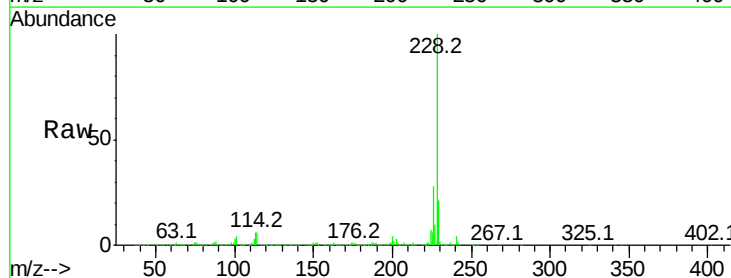
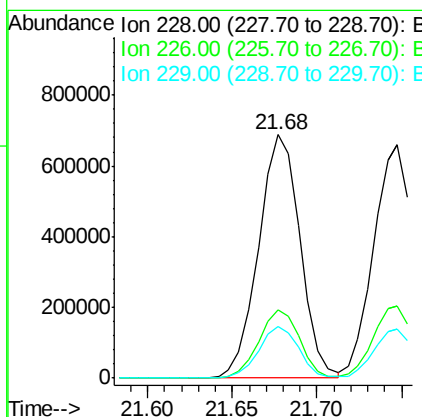
Manual Integrations  
APPROVED

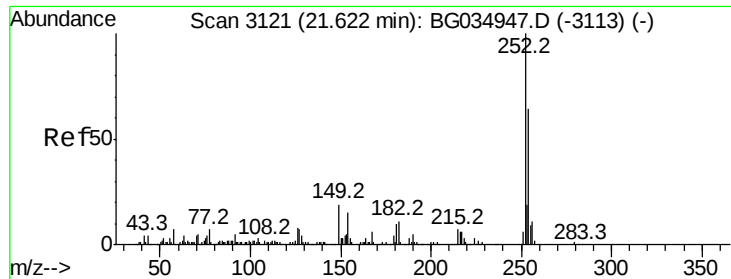
Sohil  
6/18/2018 10:43:02 AM



#80  
Benzo(a)anthracene  
Concen: 48.530 ng  
RT: 21.68 min Scan# 3130  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1174562 |       |       |
| 226     | 28.2  |         | 22.7  | 34.1  |
| 229     | 21.2  |         | 16.2  | 24.2  |





#81

3,3'-Dichlorobenzidine

Concen: 13.540 ng

RT: 21.59 min Scan# 3115

Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

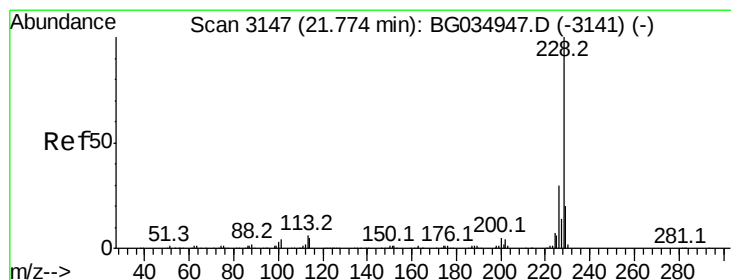
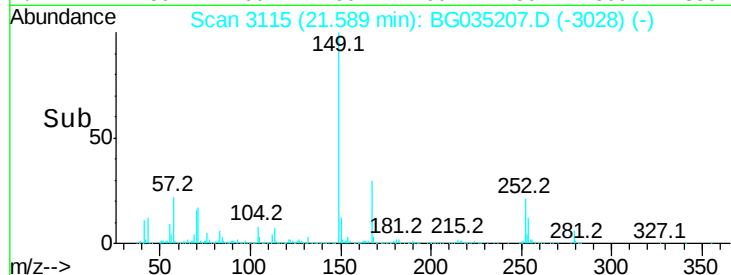
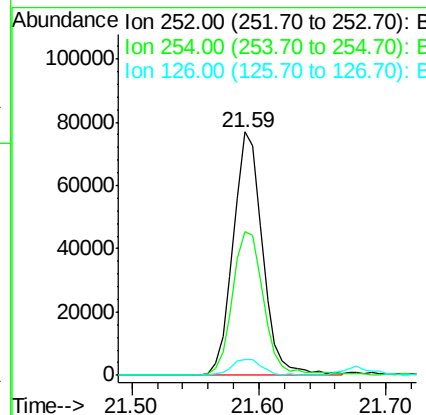
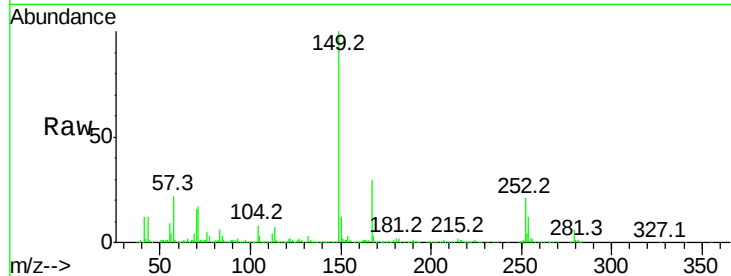
ClientSampleId :

SB-44COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 123293 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 59.1  | 50.8  | 76.2   |
| 126       | 6.4   | 7.4   | 11.2#  |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM



#82

Chrysene

Concen: 49.265 ng

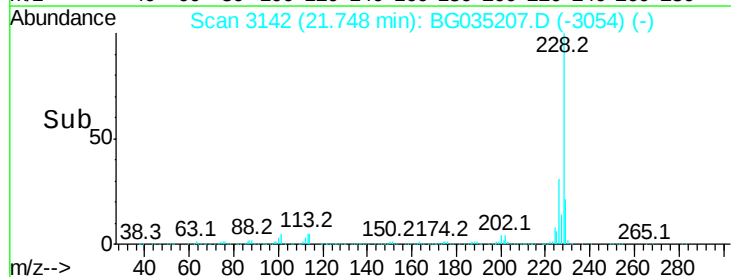
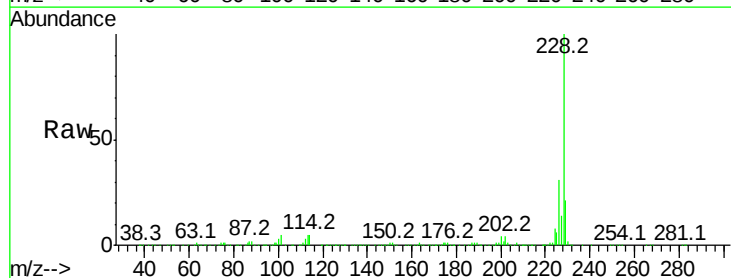
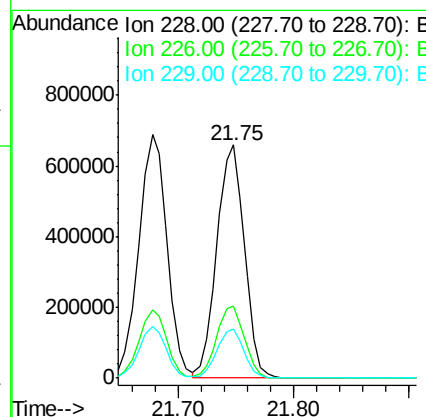
RT: 21.75 min Scan# 3142

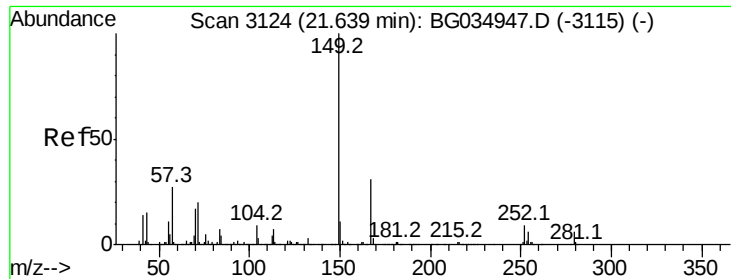
Delta R.T. -0.02 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 1091697 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 30.9  | 24.9  | 37.3    |
| 229       | 20.8  | 15.0  | 22.4    |





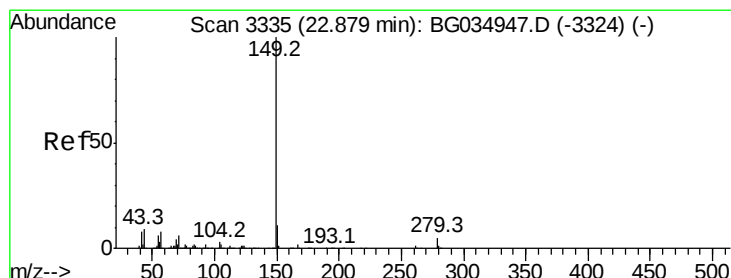
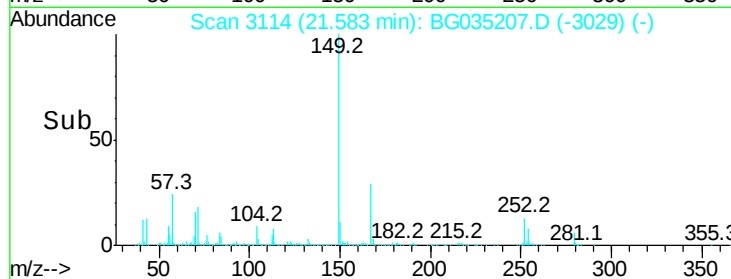
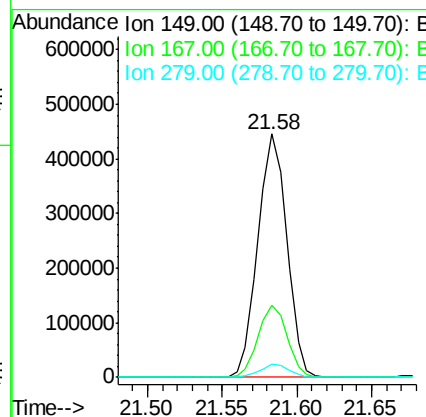
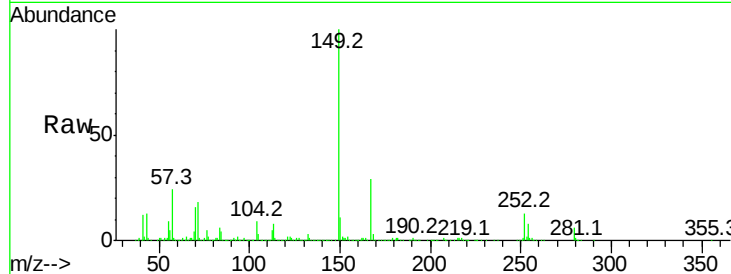
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.451 ng  
 RT: 21.58 min Scan# 3114  
 Delta R.T. -0.03 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 29.4  | 24.3       | 36.5       |
| 279     | 5.6   | 4.0        | 6.0        |

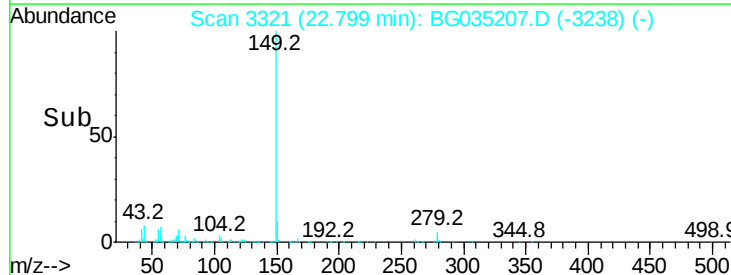
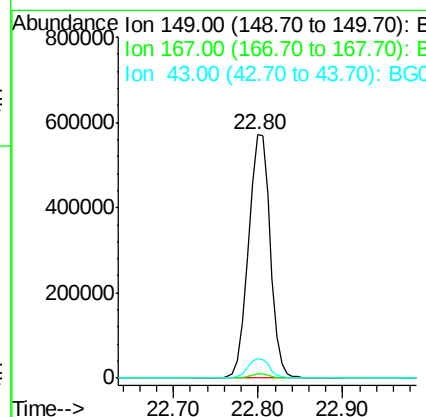
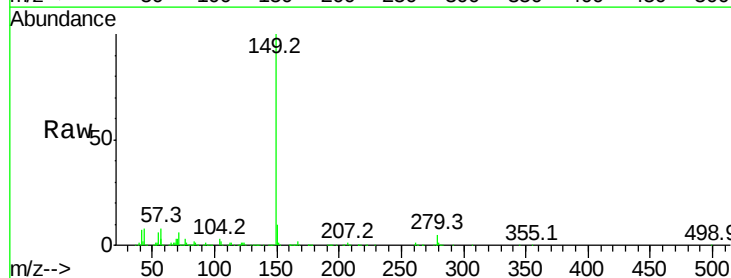
Manual Integrations  
 APPROVED

Sohil  
 6/18/2018 10:43:02 AM



#84  
 Di-n-octyl phthalate  
 Concen: 46.432 ng  
 RT: 22.80 min Scan# 3321  
 Delta R.T. -0.05 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 1.7   | 1.4        | 2.0        |
| 43      | 8.1   | 8.9        | 13.3#      |





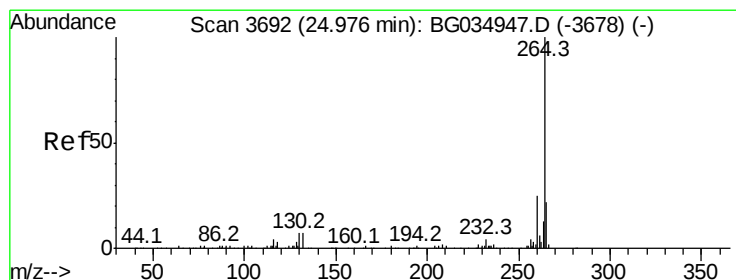
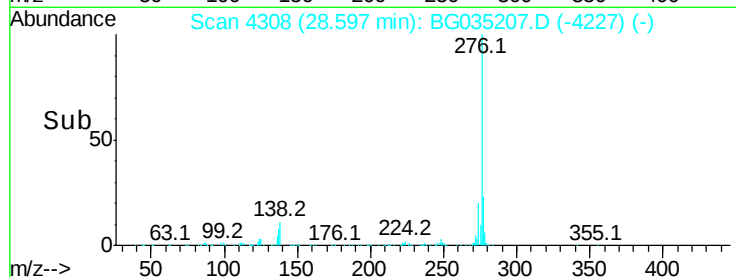
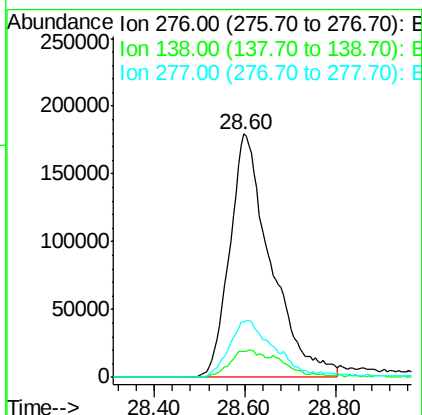
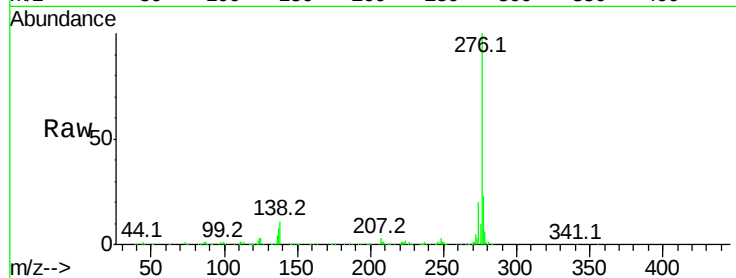
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.606 ng  
 RT: 28.60 min Scan# 4308  
 Delta R.T. -0.06 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 4.2   | 16.0  | 24.0# |
| 277     | 25.2  | 20.0  | 30.0  |

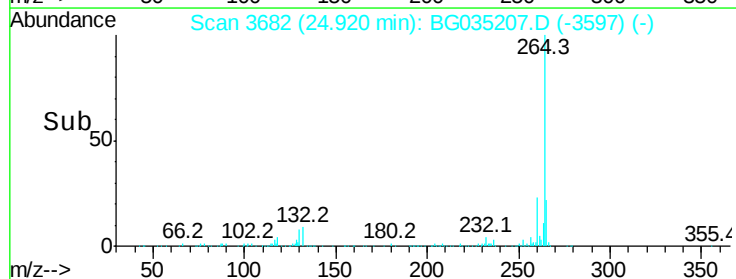
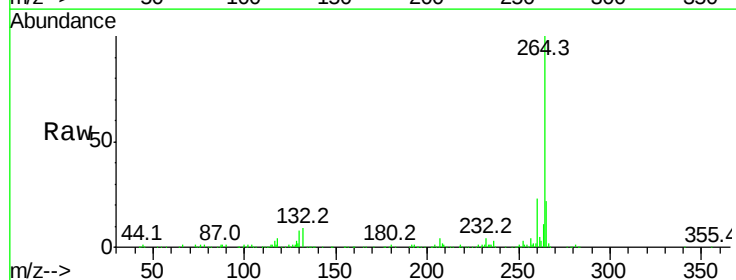
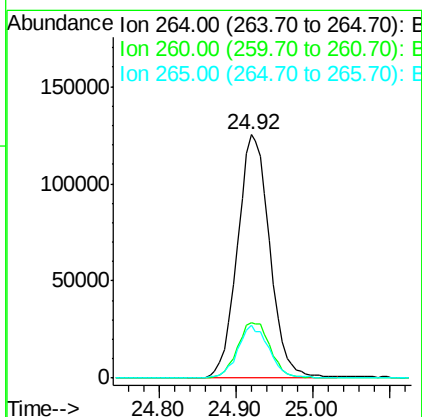
Manual Integrations  
 APPROVED

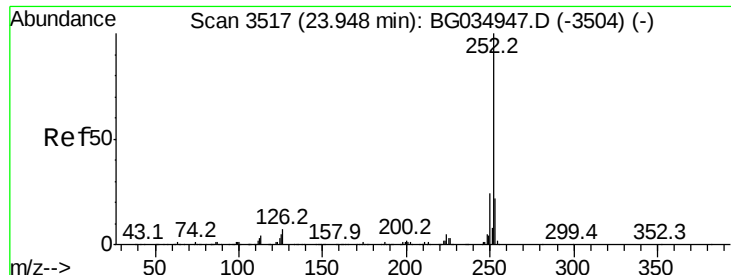
Sohil  
 6/18/2018 10:43:02 AM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.92 min Scan# 3682  
 Delta R.T. -0.03 min  
 Lab File: BG035207.D  
 Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.9  | 17.4  | 26.0  |
| 265     | 21.6  | 17.7  | 26.5  |





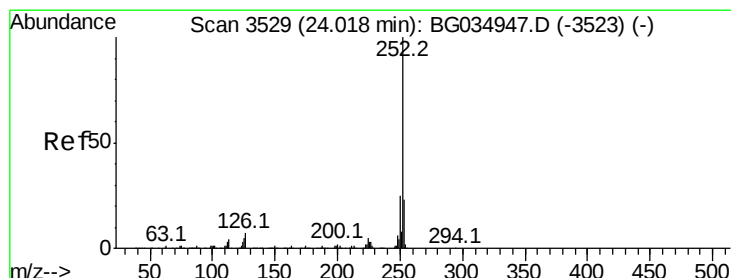
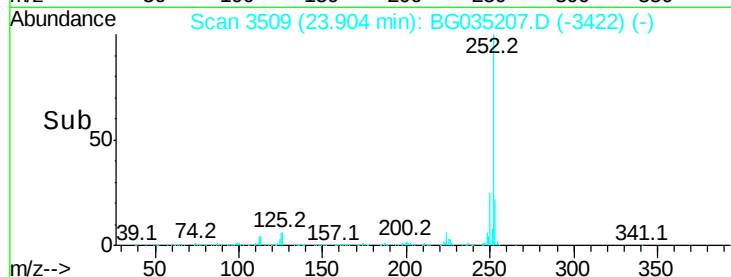
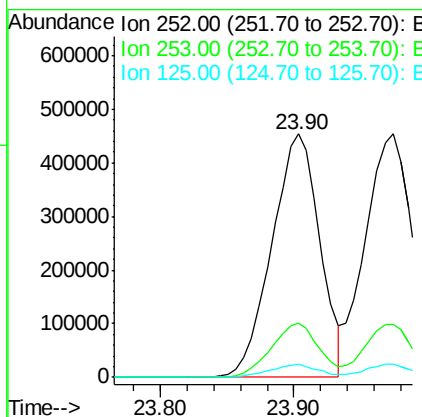
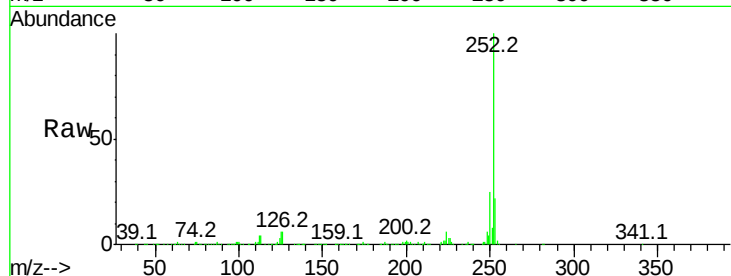
#87  
Benzo(b)fluoranthene  
Concen: 49.949 ng  
RT: 23.90 min Scan# 3509  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.2  | 27.4  |
| 125     | 5.6   | 7.2   | 10.8  |

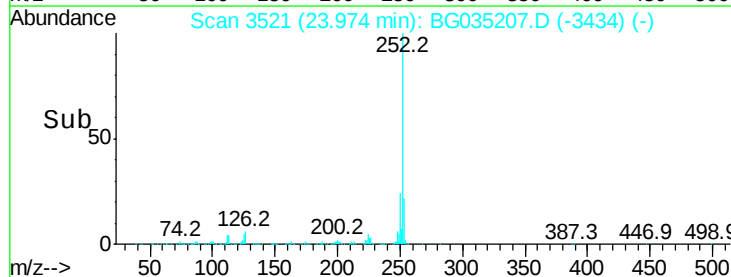
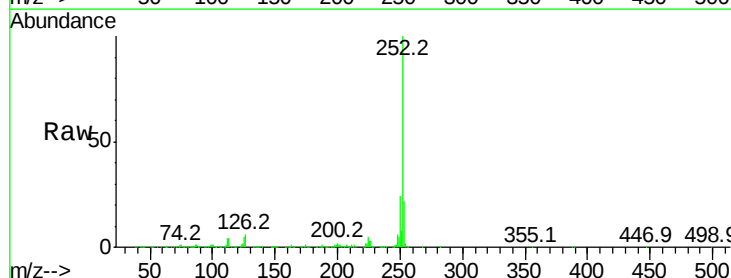
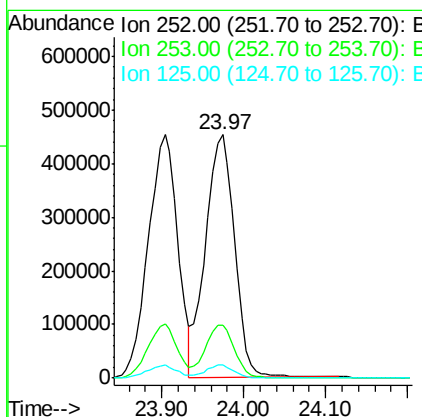
Manual Integrations  
APPROVED

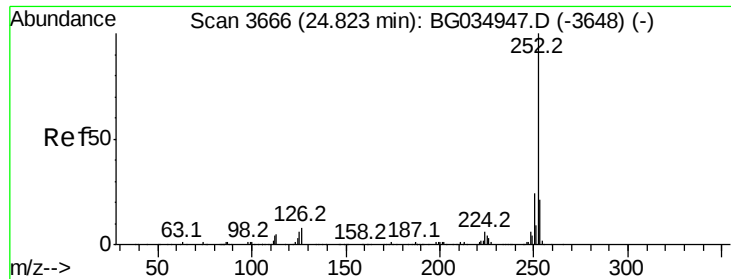
Sohil  
6/18/2018 10:43:02 AM



#88  
Benzo(k)fluoranthene  
Concen: 50.692 ng  
RT: 23.97 min Scan# 3521  
Delta R.T. -0.02 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.4  | 26.2  |
| 125     | 5.4   | 6.6   | 9.8   |





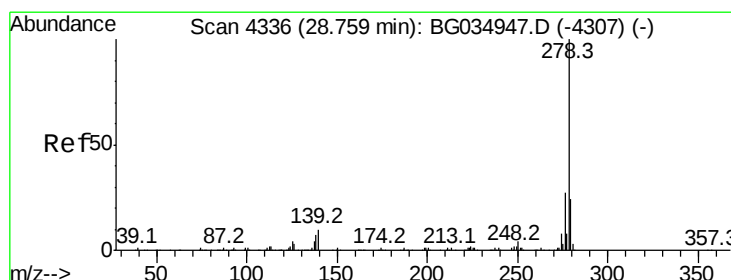
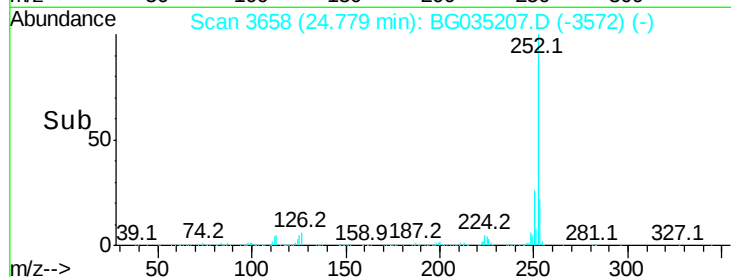
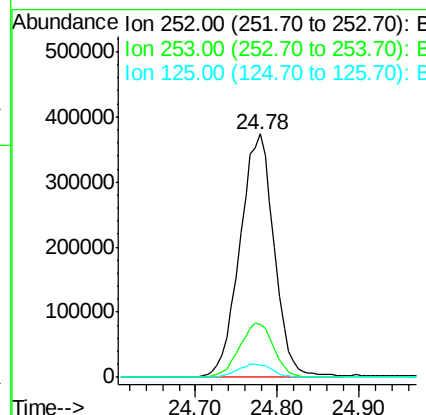
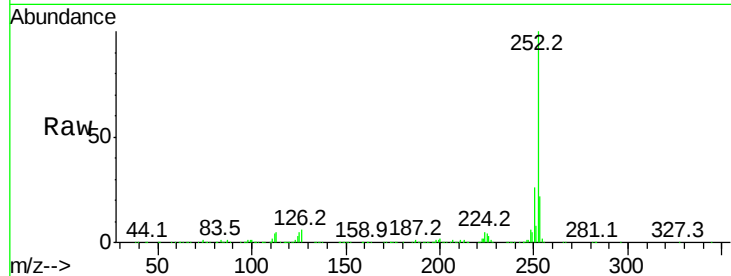
#89  
Benzo(a)pyrene  
Concen: 51.104 ng  
RT: 24.78 min Scan# 3658  
Delta R.T. -0.03 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-44COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 18.3  | 27.5  |
| 125     | 5.0   | 7.3   | 10.9# |

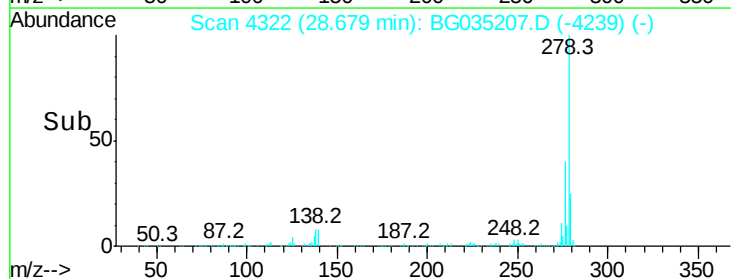
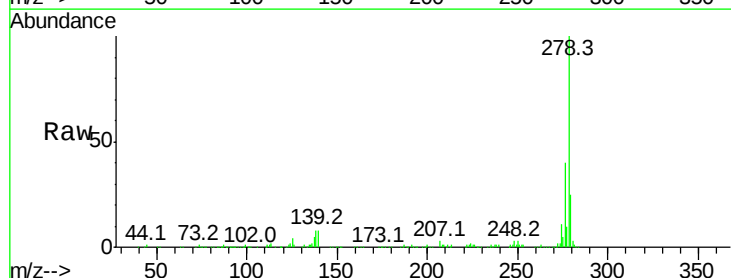
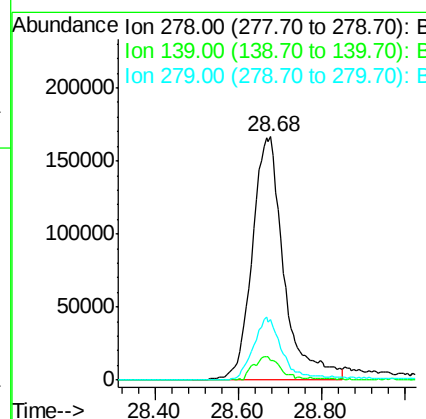
Manual Integrations  
APPROVED

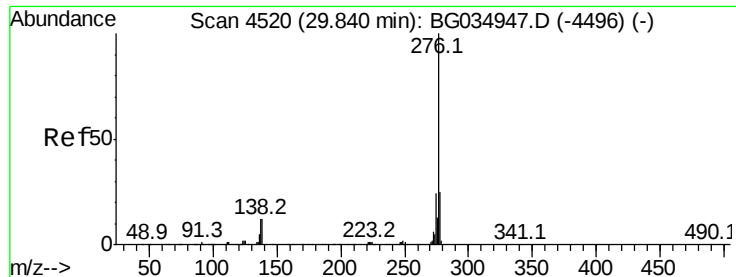
Sohil  
6/18/2018 10:43:02 AM



#90  
Dibenzo(a,h)anthracene  
Concen: 42.026 ng  
RT: 28.68 min Scan# 4322  
Delta R.T. -0.05 min  
Lab File: BG035207.D  
Acq: 16 Jun 2018 14:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.3   | 9.8   | 14.6# |
| 279     | 24.7  | 18.4  | 27.6  |





#91

Benzo(a,h,i)perylene

Concen: 45.761 ng

RT: 29.75 min Scan# 4504

Delta R.T. -0.06 min

Lab File: BG035207.D

Acq: 16 Jun 2018 14:22

Instrument :

BNA\_G

ClientSampleId :

SB-44COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 940404 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.5  | 18.3  | 27.5   |
| 138       | 12.7  | 13.9  | 20.9   |

Manual Integrations  
APPROVED

Sohil  
6/18/2018 10:43:02 AM

