

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\  
 Data File : BG034944.D  
 Acq On : 7 Jun 2018 8:42  
 Operator : SJ/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

Manual Integrations  
 APPROVED

Sohil  
 6/8/2018 4:44:29 PM

Quant Time: Jun 07 13:13:35 2018  
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG060718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 07 11:19:33 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.08  | 152  | 29151    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.89 | 136  | 121545   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.71 | 164  | 86677    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.45 | 188  | 235000   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.72 | 240  | 251765   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.98 | 264  | 245118   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |       |      |    |       |
|--------------------------|-------|-----|-------|------|----|-------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 8233  | 4.35 | ng | 0.00  |
| 7) Phenol-d6             | 7.22  | 99  | 12409 | 4.05 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.24  | 82  | 10940 | 3.44 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 16.18 | 330 | 5247  | 3.51 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 13.33 | 172 | 34892 | 5.47 | ng | 0.00  |
| 78) Terphenyl-d14        | 20.06 | 244 | 61773 | 5.38 | ng | 0.00  |

## Target Compounds

|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.56  | 88  | 2325  | 2.991 | ng | # 68   |
| 6) Aniline                     | 7.40  | 93  | 8234  | 2.060 | ng | 90     |
| 8) 2-Chlorophenol              | 7.65  | 128 | 4787  | 2.392 | ng | 81     |
| 9) Benzaldehyde                | 7.22  | 77  | 4476  | 2.116 | ng | # 74   |
| 10) Phenol                     | 7.25  | 94  | 6884  | 2.255 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 7.50  | 93  | 5561  | 2.411 | ng | # 78   |
| 12) 1,3-Dichlorobenzene        | 7.97  | 146 | 5833m | 2.476 | ng |        |
| 13) 1,4-Dichlorobenzene        | 8.12  | 146 | 5926m | 2.471 | ng |        |
| 14) 1,2-Dichlorobenzene        | 8.43  | 146 | 5666  | 2.407 | ng | 97     |
| 15) Benzyl Alcohol             | 8.31  | 79  | 5737  | 1.831 | ng | # 87   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.60  | 45  | 5316m | 2.031 | ng |        |
| 17) 2-Methylphenol             | 8.51  | 107 | 4088  | 1.993 | ng | # 91   |
| 18) Hexachloroethane           | 9.16  | 117 | 1778  | 1.762 | ng | # 84   |
| 19) n-Nitroso-di-n-propylamine | 8.88  | 70  | 5866  | 2.339 | ng | # 91   |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 6156  | 2.153 | ng | 94     |
| 22) Acetophenone               | 8.90  | 105 | 9661  | 2.488 | ng | # 91   |
| 24) Nitrobenzene               | 9.29  | 77  | 5331  | 1.614 | ng | # 87   |
| 25) Isophorone                 | 9.80  | 82  | 13738 | 2.228 | ng | # 86   |
| 27) 2,4-Dimethylphenol         | 10.05 | 122 | 5272  | 2.557 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.30 | 93  | 6773  | 2.182 | ng | # 90   |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 4949  | 2.302 | ng | # 85   |
| 30) 1,2,4-Trichlorobenzene     | 10.75 | 180 | 6134  | 2.399 | ng | 88     |
| 31) Naphthalene                | 10.94 | 128 | 15422 | 2.440 | ng | # 94   |
| 33) 4-Chloroaniline            | 11.04 | 127 | 6750  | 2.449 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.23 | 225 | 4902  | 2.413 | ng | # 86   |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107 | 5943  | 2.051 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.54 | 142 | 11991 | 2.350 | ng | # 91   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 7452  | 2.288 | ng | 90     |
| 40) Hexachlorocyclopentadiene  | 12.88 | 237 | 4382  | 1.718 | ng | # 72   |
| 42) 2,4,6-Trichlorophenol      | 13.13 | 196 | 4281  | 2.112 | ng | # 93   |
| 43) 2,4,5-Trichlorophenol      | 13.20 | 196 | 5358  | 2.410 | ng | # 90   |
| 45) 1,1'-Biphenyl              | 13.54 | 154 | 17980 | 2.634 | ng | 94     |
| 46) 2-Chloronaphthalene        | 13.58 | 162 | 13705 | 2.550 | ng | 96     |
| 48) Acenaphthylene             | 14.43 | 152 | 22489 | 2.735 | ng | 98     |

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 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

Manual Integrations  
 APPROVED

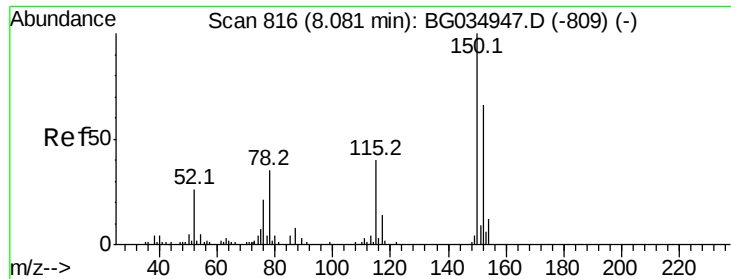
Sohil  
 6/8/2018 4:44:29 PM

Quant Time: Jun 07 13:13:35 2018  
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG060718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 07 11:19:33 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 49) Dimethylphthalate          | 14.16 | 163  | 20315    | 2.715 | nq    | # 96     |
| 51) Acenaphthene               | 14.77 | 154  | 14517    | 2.723 | nq    | 96       |
| 52) 3-Nitroaniline             | 14.60 | 138  | 2619     | 1.847 | nq    | 80       |
| 53) 2,4-Dinitrophenol          | 14.81 | 184  | 1043     | 1.033 | nq    | # 26     |
| 54) Dibenzofuran               | 15.10 | 168  | 22872    | 2.615 | nq    | # 93     |
| 57) Fluorene                   | 15.75 | 166  | 18783    | 2.752 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.32 | 232  | 4688     | 1.933 | nq    | # 93     |
| 59) Diethylphthalate           | 15.52 | 149  | 20159    | 2.591 | nq    | 94       |
| 60) 4-Chlorophenyl-phenylether | 15.75 | 204  | 10648    | 2.627 | nq    | 93       |
| 61) 4-Nitroaniline             | 15.75 | 138  | 2889     | 1.797 | nq    | # 83     |
| 62) Azobenzene                 | 16.04 | 77   | 20434    | 2.474 | nq    | 91       |
| 65) n-Nitrosodiphenylamine     | 15.96 | 169  | 17479    | 2.543 | nq    | 92       |
| 66) 4-Bromophenyl-phenylether  | 16.64 | 248  | 7281     | 2.354 | nq    | 91       |
| 67) Hexachlorobenzene          | 16.75 | 284  | 7575     | 2.217 | nq    | 95       |
| 68) Atrazine                   | 16.90 | 200  | 7357     | 2.416 | nq    | 93       |
| 69) Pentachlorophenol          | 17.10 | 266  | 3765     | 1.827 | nq    | # 74     |
| 70) Phenanthrene               | 17.49 | 178  | 30426    | 2.377 | nq    | 98       |
| 71) Anthracene                 | 17.58 | 178  | 30724    | 2.369 | nq    | 99       |
| 72) Carbazole                  | 17.84 | 167  | 29037    | 2.705 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.42 | 149  | 33583    | 2.527 | nq    | # 95     |
| 74) Fluoranthene               | 19.50 | 202  | 39963    | 2.540 | nq    | 95       |
| 76) Benzidine                  | 19.67 | 184  | 24483    | 3.844 | nq    | # 94     |
| 77) Pyrene                     | 19.85 | 202  | 43204    | 2.741 | nq    | 97       |
| 79) Butylbenzylphthalate       | 20.76 | 149  | 13547    | 2.229 | nq    | 92       |
| 80) Benzo(a)anthracene         | 21.70 | 228  | 41608    | 2.543 | nq    | 95       |
| 81) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 13775    | 2.165 | nq    | 98       |
| 82) Chrysene                   | 21.77 | 228  | 37004    | 2.466 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 19808    | 2.400 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 22.88 | 149  | 33586    | 2.431 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.66 | 276  | 40146m   | 2.091 | nq    |          |
| 87) Benzo(b)fluoranthene       | 23.94 | 252  | 35593m   | 2.295 | nq    |          |
| 88) Benzo(k)fluoranthene       | 24.01 | 252  | 37275    | 2.530 | nq    | 99       |
| 89) Benzo(a)pyrene             | 24.82 | 252  | 33270    | 2.260 | nq    | # 92     |
| 90) Dibenzo(a,h)anthracene     | 28.75 | 278  | 34212    | 2.343 | nq    | 95       |
| 91) Benzo(a,h,i)perylene       | 29.82 | 276  | 31930m   | 2.176 | nq    |          |

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





#1

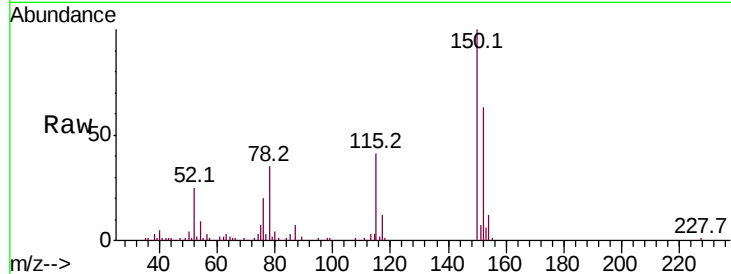
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.08 min Scan# 816  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.1 | 126.6 | 189.8 |
| 115     | 65.9  | 53.0  | 79.4  |

Manual Integrations  
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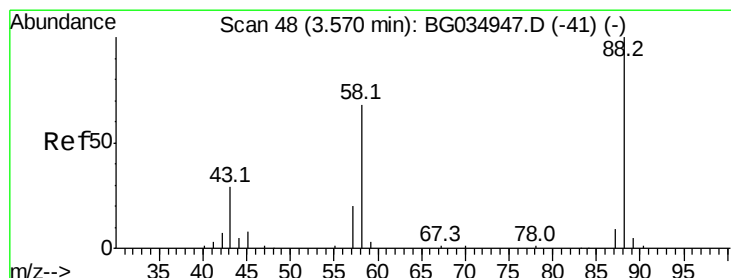
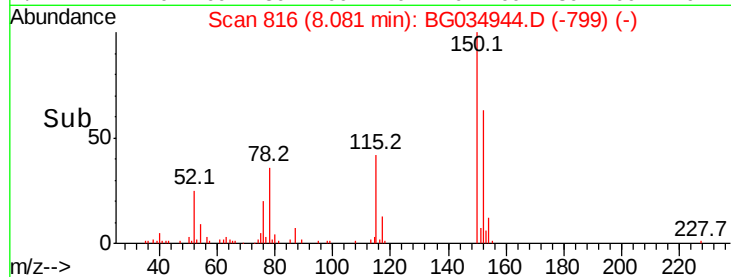
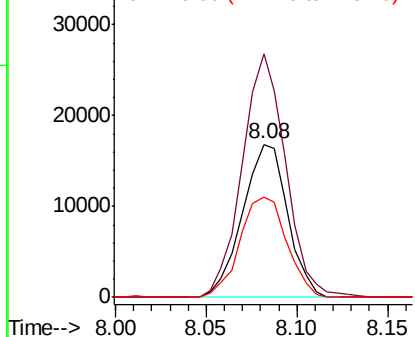


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

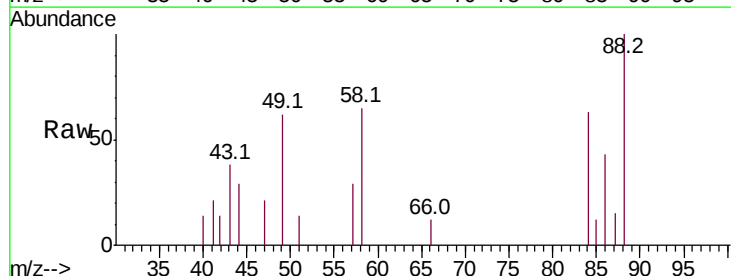
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 2.991 ng  
RT: 3.56 min Scan# 47  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 88      | 100   |       |        |
| 58      | 62.4  | 79.6  | 119.4# |
| 43      | 44.7  | 27.4  | 41.0#  |

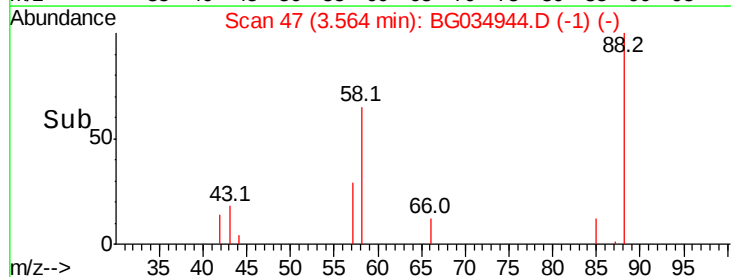
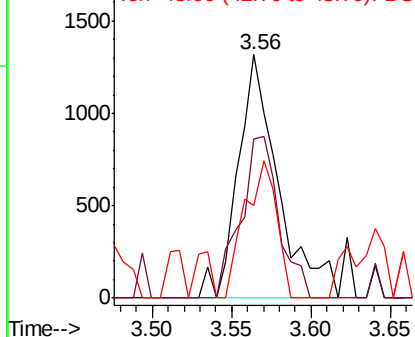


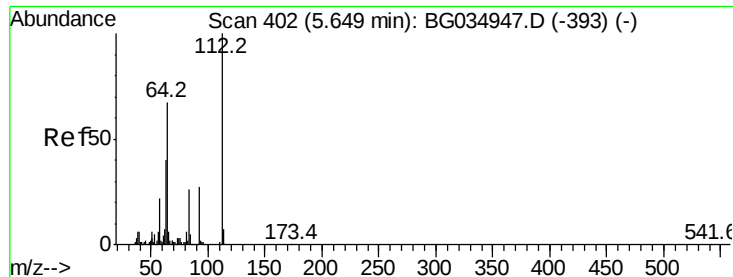
Abundance

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





#5

2-Fluorophenol

Concen: 4.350 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.01 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

Instrument :

BNA\_G

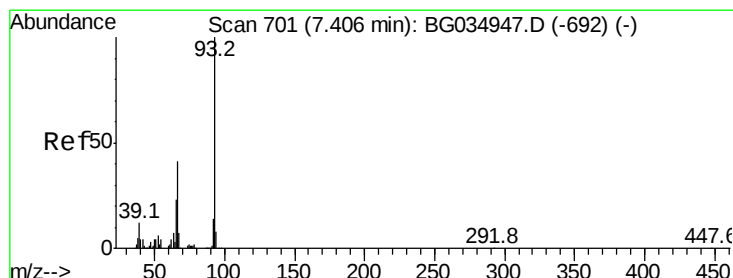
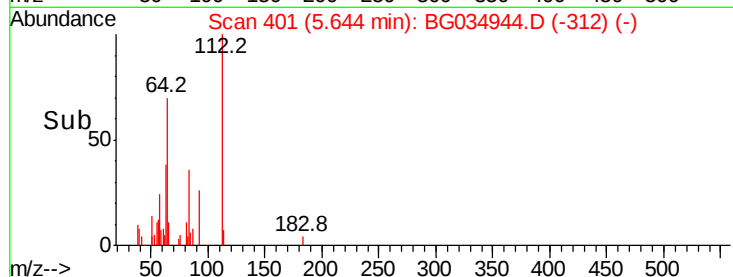
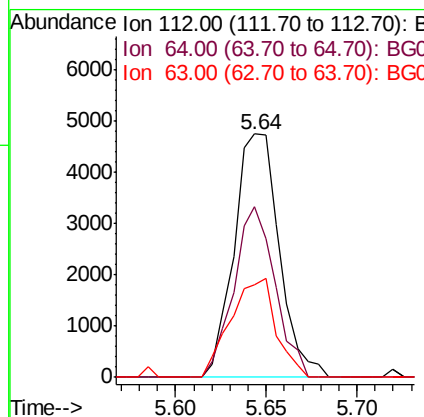
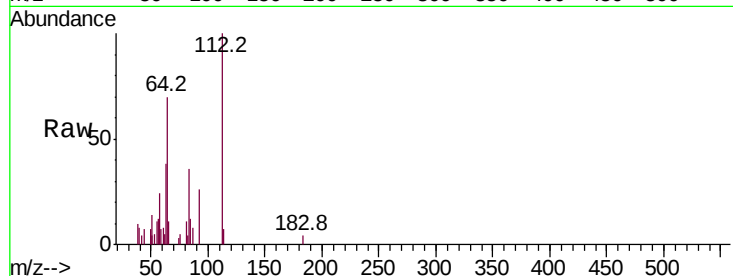
ClientSampleId :

SSTDICC2.5

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 112   | Resp: | 8233 |
| Ion Ratio | Lower | Upper |      |
| 112       | 100   |       |      |
| 64        | 70.0  | 56.3  | 84.5 |
| 63        | 38.2  | 30.1  | 45.1 |

Manual Integrations  
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#6

Aniline

Concen: 2.060 ng

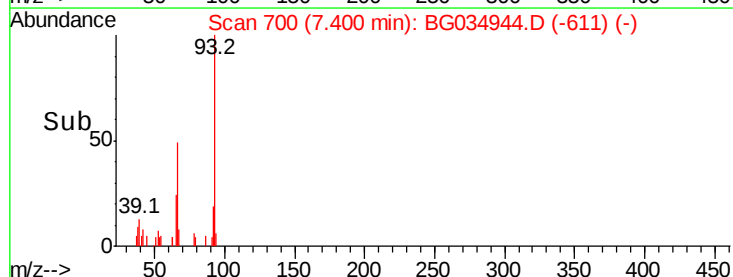
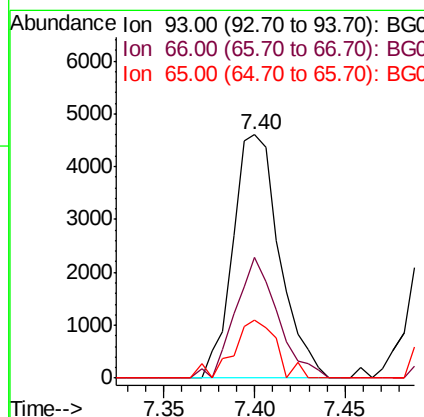
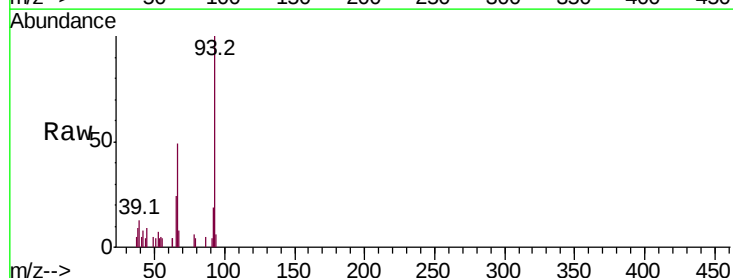
RT: 7.40 min Scan# 700

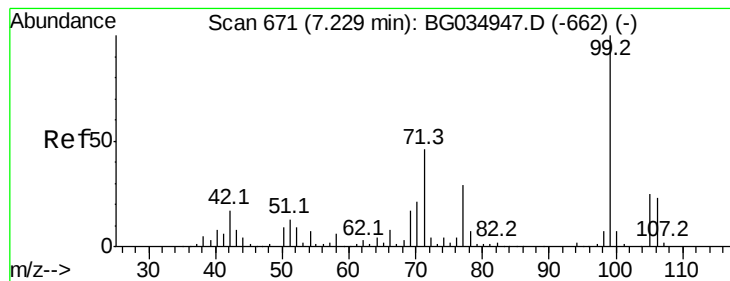
Delta R.T. -0.01 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 93    | Resp: | 8234 |
| Ion Ratio | Lower | Upper |      |
| 93        | 100   |       |      |
| 66        | 49.5  | 33.7  | 50.5 |
| 65        | 23.7  | 16.1  | 24.1 |





#7

Phenol-d6

Concen: 4.053 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

Tot Ion: 99 Resp: 12409

Ion Ratio Lower Upper

99 100

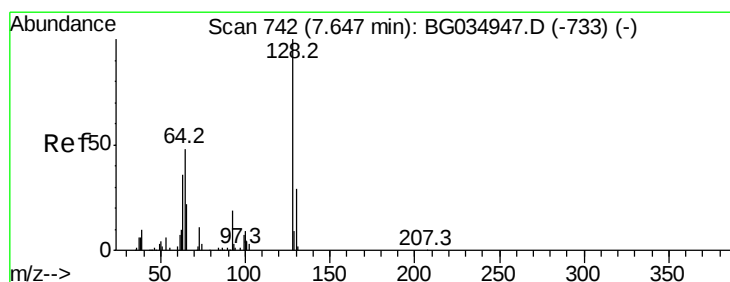
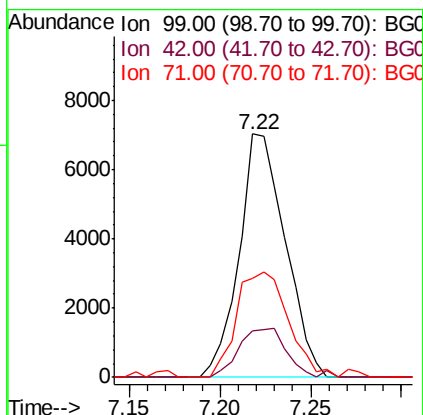
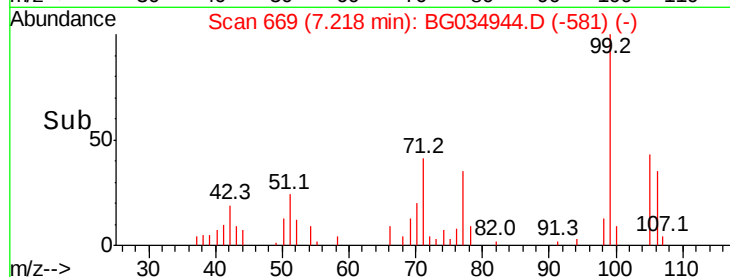
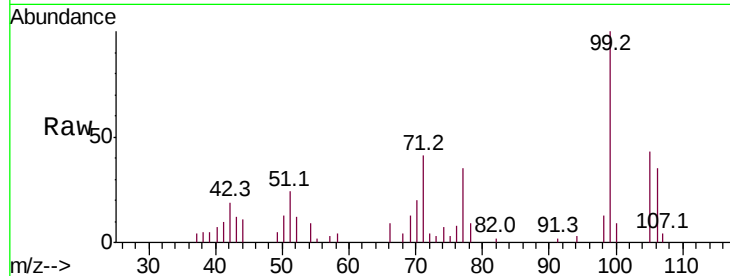
42 19.2 14.1 21.1

71 40.6 26.1 39.1#

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#8

2-Chlorophenol

Concen: 2.392 ng

RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

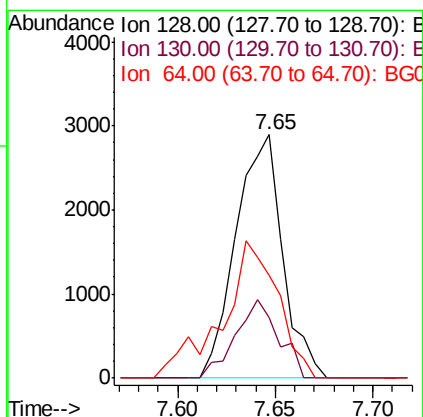
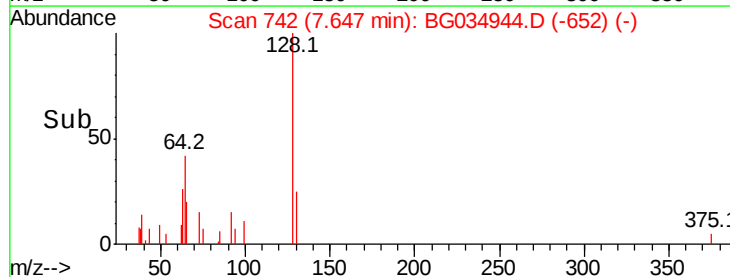
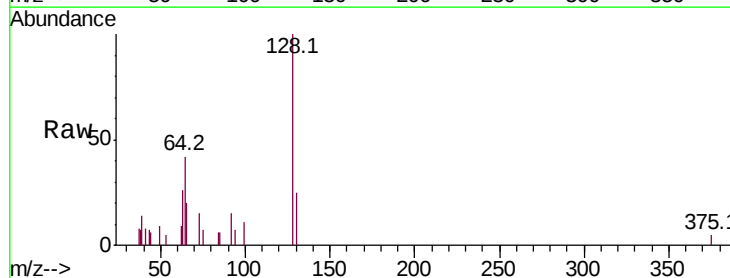
Tgt Ion:128 Resp: 4787

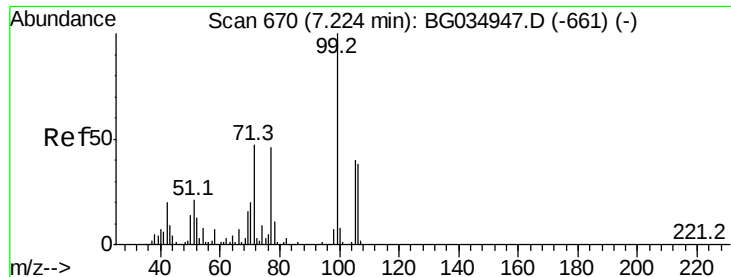
Ion Ratio Lower Upper

128 100

130 25.0 14.0 54.0

64 42.3 37.7 77.7





#9

Benzaldehyde

Concen: 2.116 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

Instrument :

BNA\_G

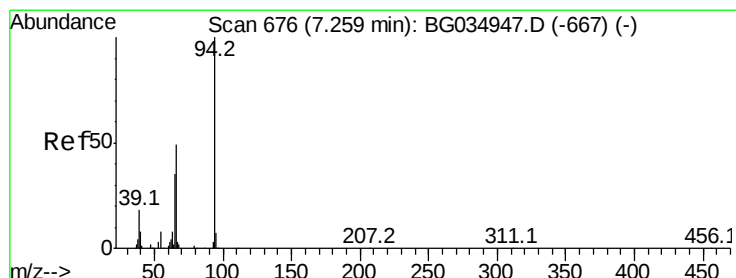
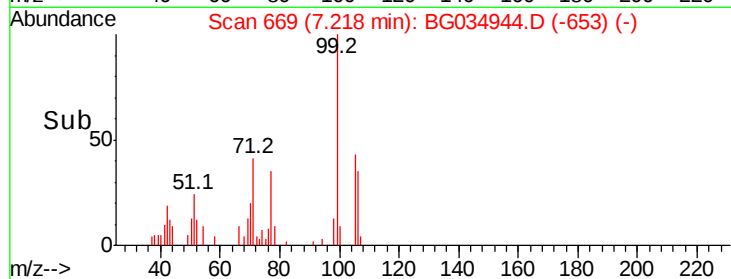
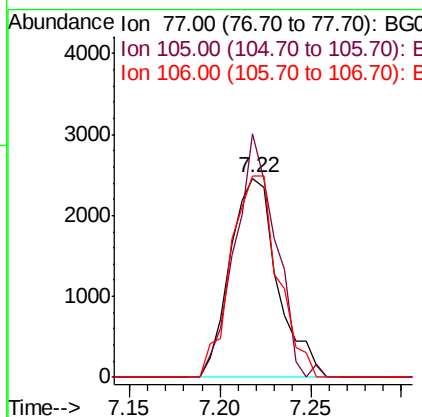
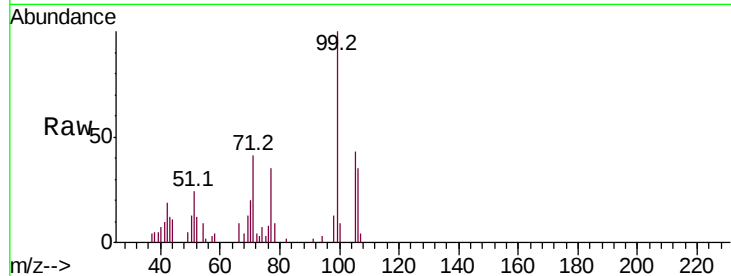
ClientSampleId :

SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 77      | 100   |       |        |
| 105     | 122.3 | 71.3  | 111.3# |
| 106     | 100.9 | 64.2  | 104.2  |

Manual Integrations  
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#10

Phenol

Concen: 2.255 ng

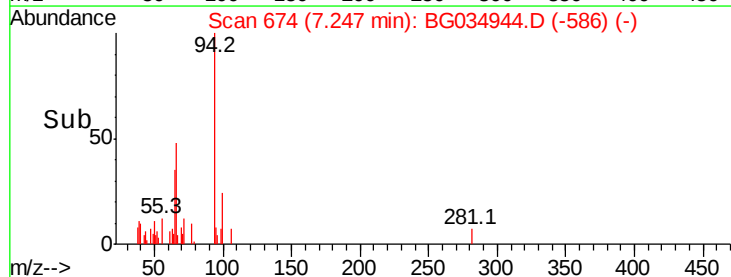
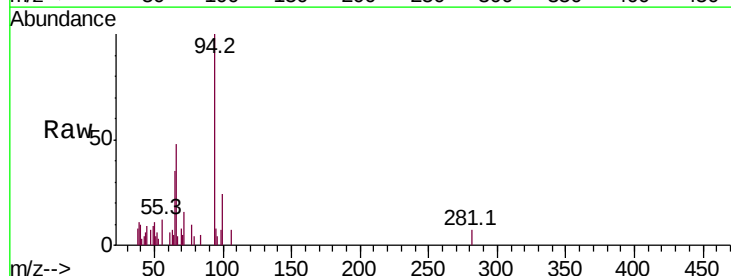
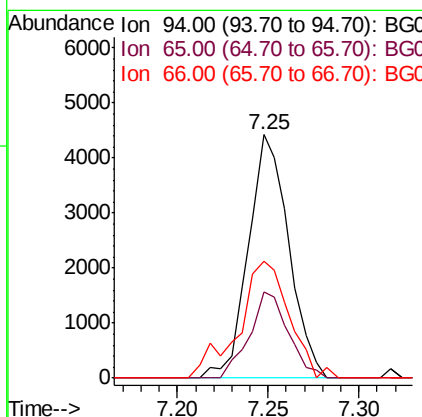
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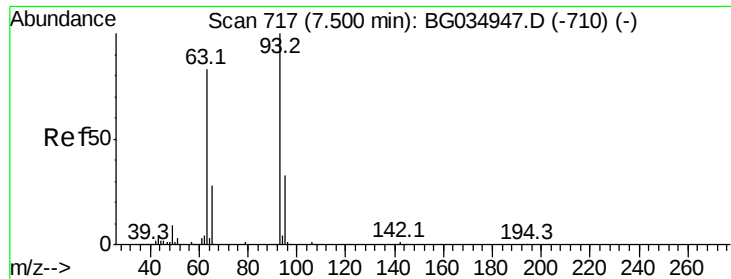
Delta R.T. -0.01 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 35.4  | 11.9  | 51.9  |
| 66      | 47.8  | 22.2  | 62.2  |





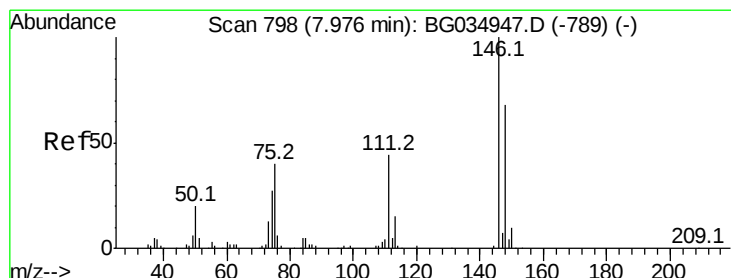
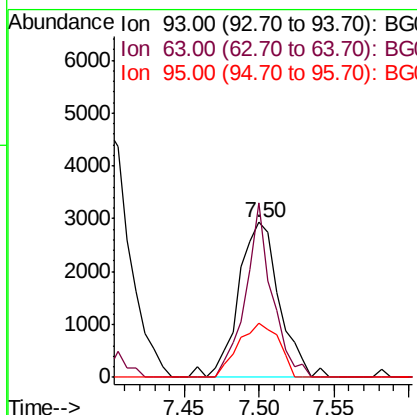
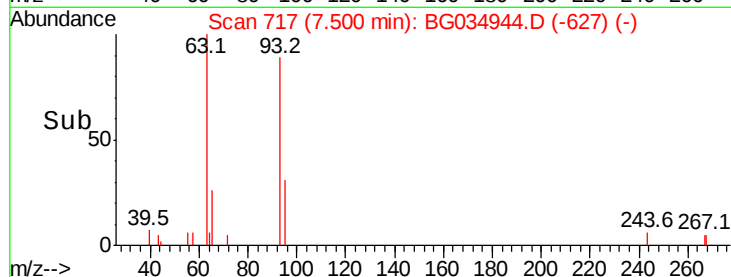
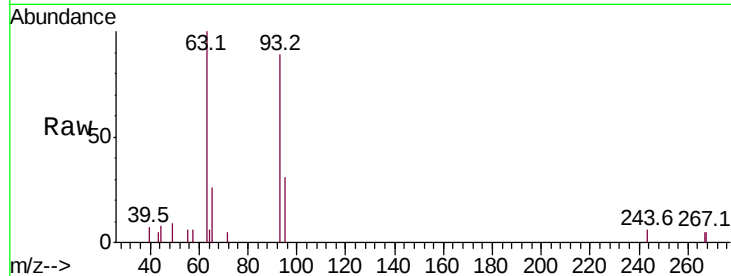
#11  
bis(2-Chloroethyl)ether  
Concen: 2.411 ng  
RT: 7.50 min Scan# 717  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 93      | 100   |       |        |
| 63      | 112.7 | 67.1  | 107.1# |
| 95      | 35.2  | 11.5  | 51.5   |

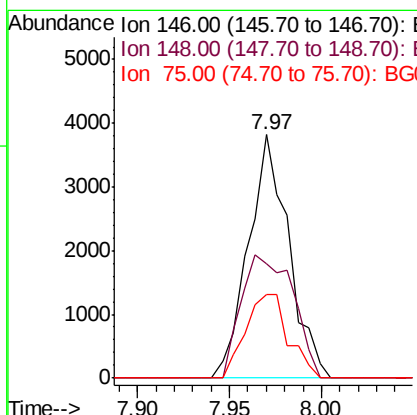
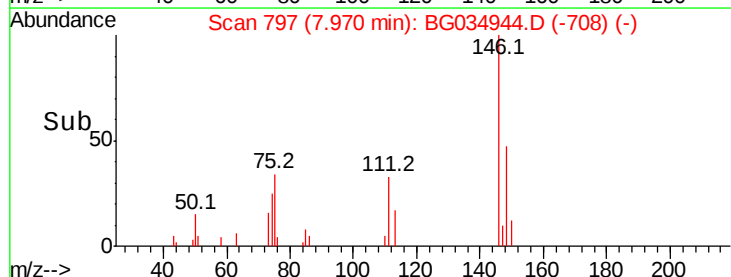
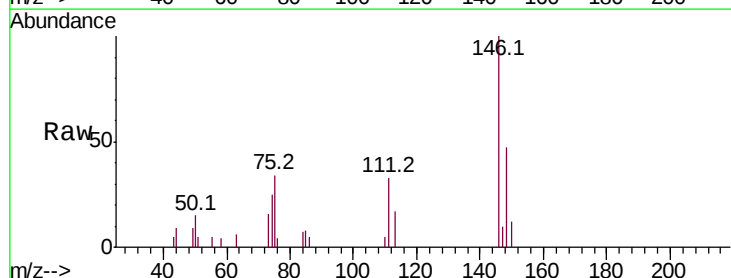
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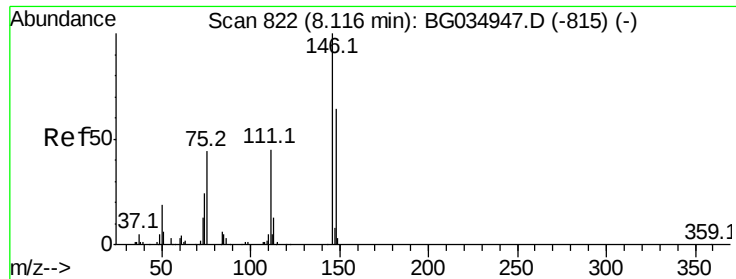
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#12  
1,3-Dichlorobenzene  
Concen: 2.476 ng m  
RT: 7.97 min Scan# 797  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 46.8  | 51.4  | 77.2# |
| 75      | 34.3  | 26.6  | 39.8  |





#13

1,4-Dichlorobenzene

Concen: 2.471 ng/mL

RT: 8.12 min Scan# 823

Delta R.T. 0.01 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

Instrument :

BNA\_G

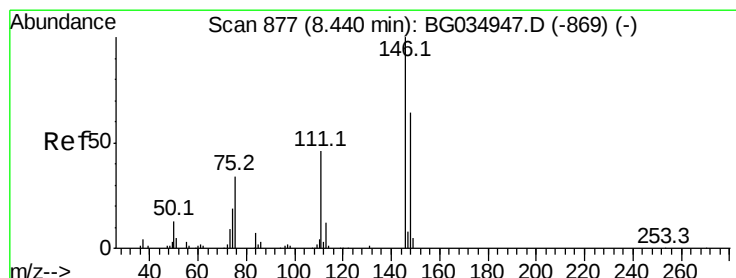
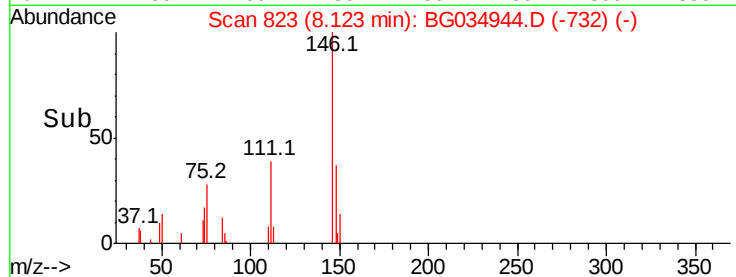
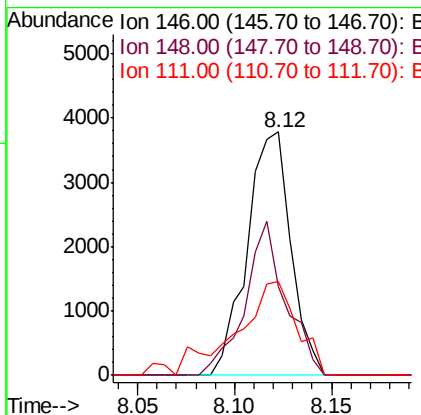
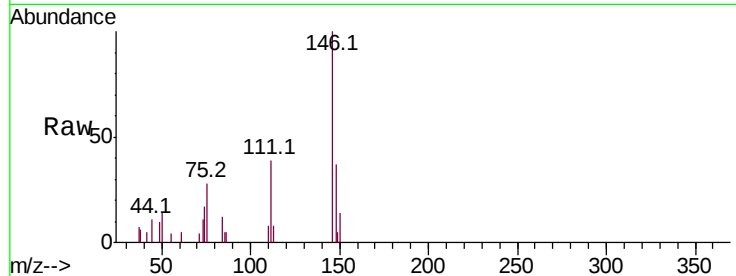
ClientSampleID :

SSTDICC2.5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 5926  |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 36.6  | 53.7  | 80.5# |
| 111       | 38.6  | 35.2  | 52.8  |

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#14

1,2-Dichlorobenzene

Concen: 2.407 ng/mL

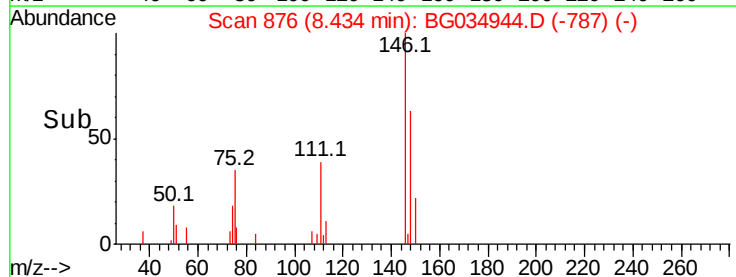
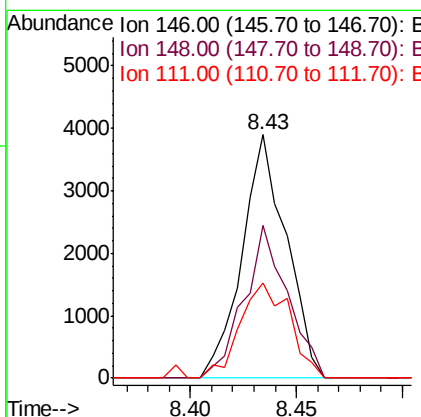
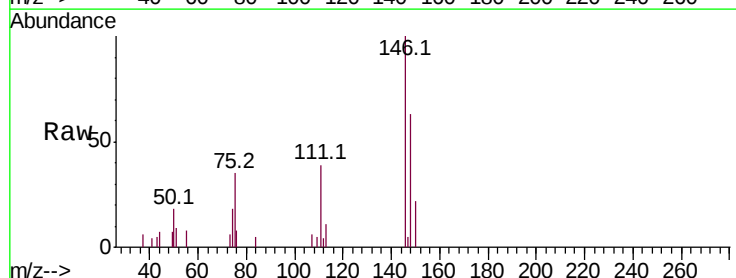
RT: 8.43 min Scan# 876

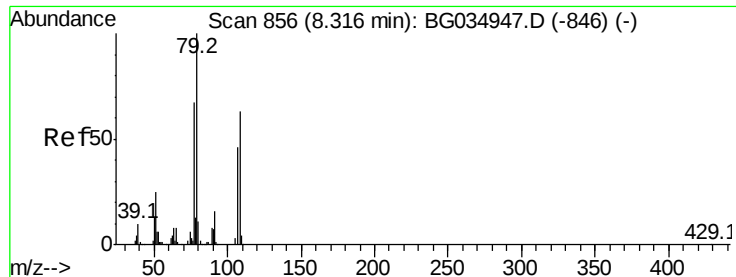
Delta R.T. -0.01 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 146   | Resp: | 5666 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 148       | 62.9  | 49.3  | 73.9 |
| 111       | 39.1  | 34.3  | 51.5 |





#15

Benzyl Alcohol

Concen: 1.831 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.01 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

Instrument :

BNA\_G

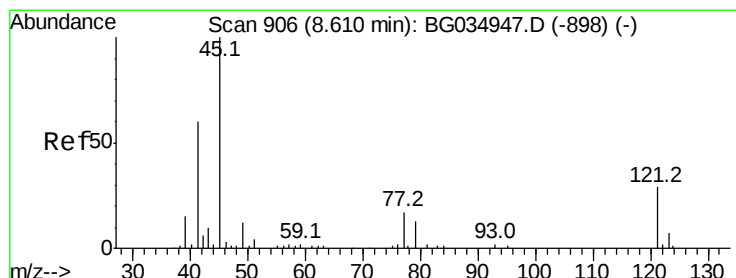
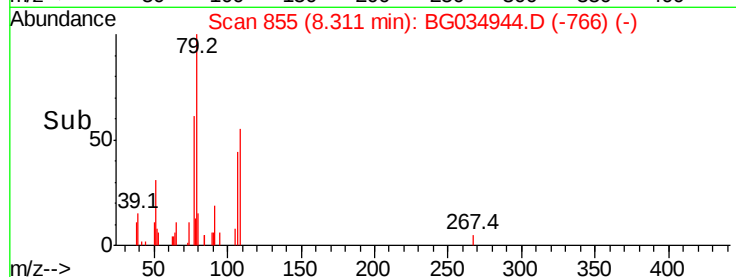
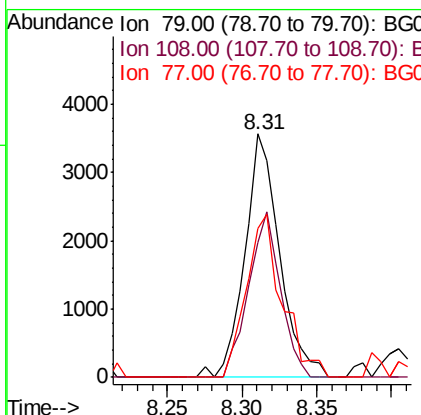
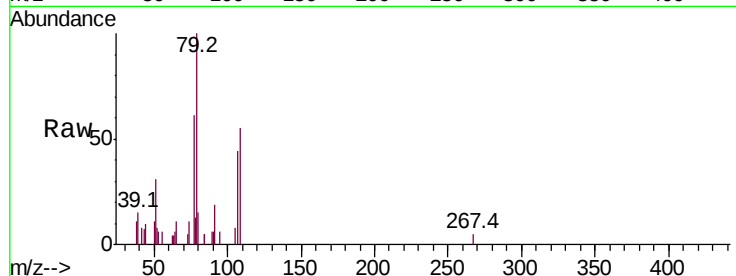
ClientSampleId :

SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 55.5  | 57.2  | 85.8# |
| 77      | 60.9  | 46.1  | 69.1  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.031 ng m

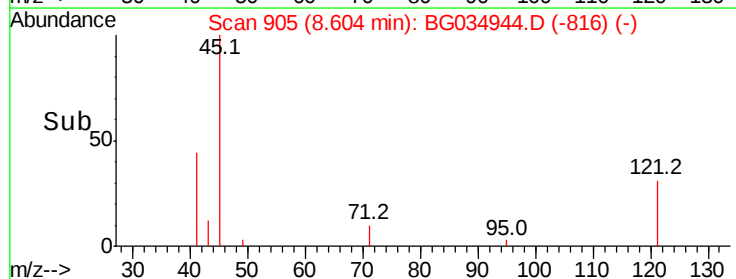
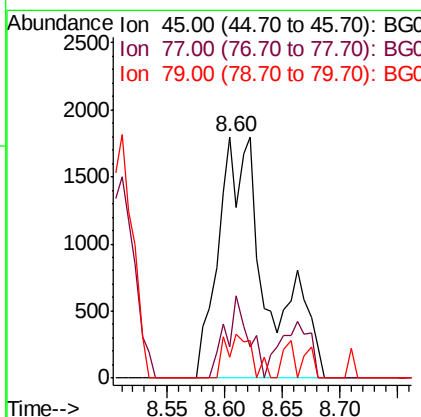
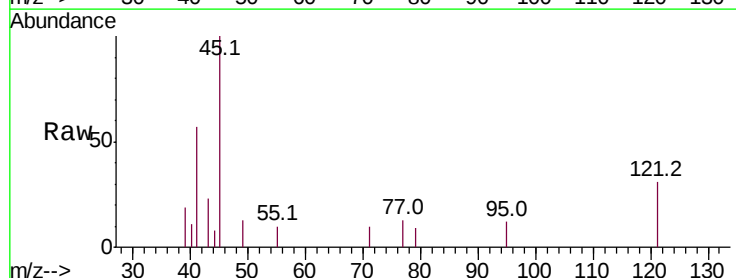
RT: 8.60 min Scan# 905

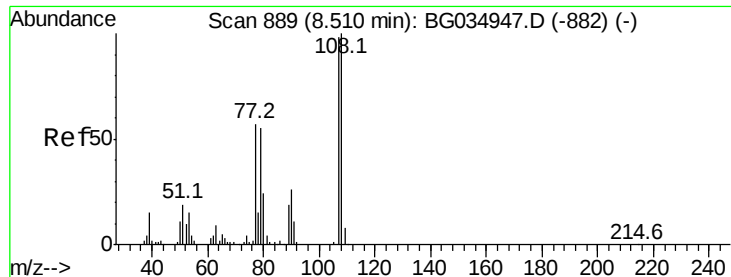
Delta R.T. -0.01 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 12.9  | 0.0   | 30.2  |
| 79      | 8.7   | 0.0   | 27.9  |





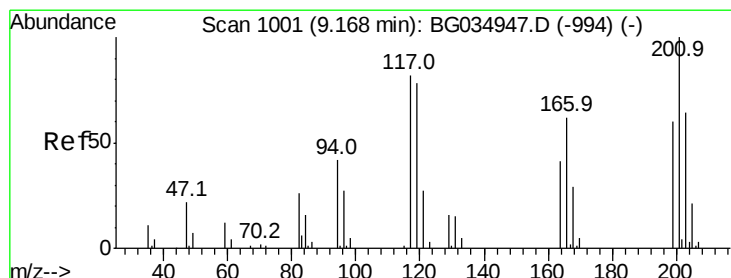
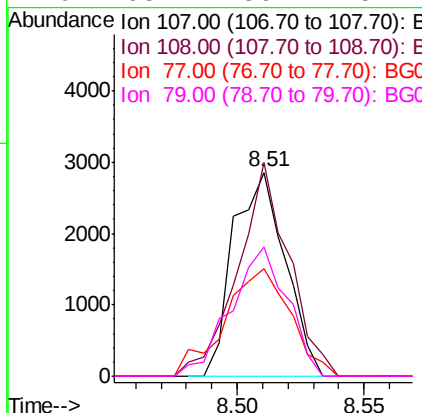
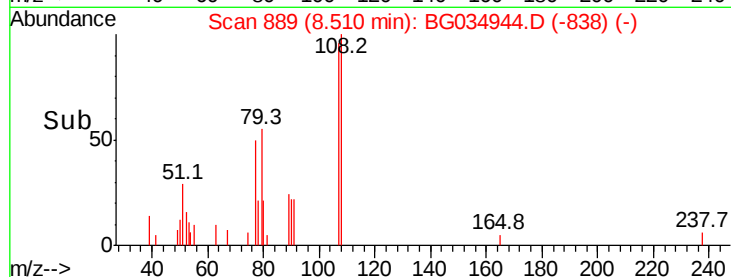
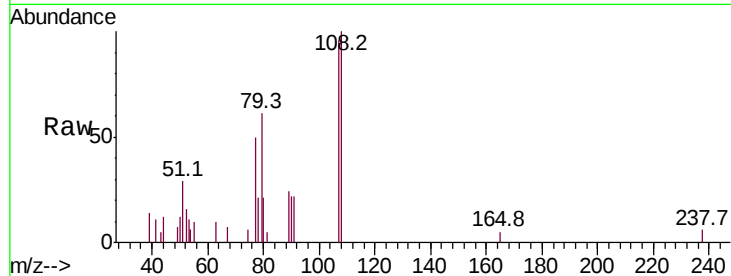
#17  
2-Methylphenol  
Concen: 1.993 ng  
RT: 8.51 min Scan# 889  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 4088  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 104.7 | 83.9  | 125.9 |
| 77       | 52.6  | 37.2  | 55.8  |
| 79       | 63.4  | 36.2  | 54.2  |

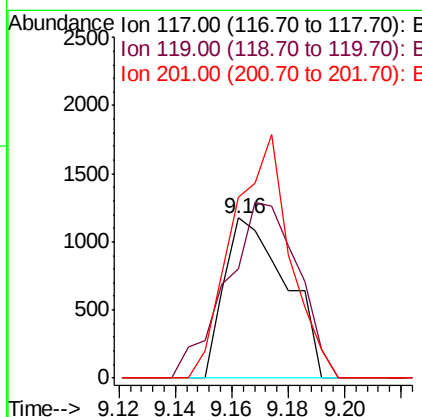
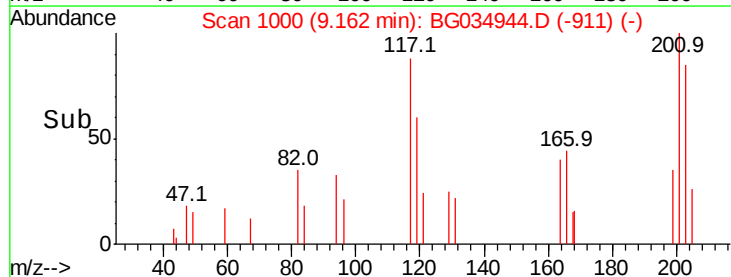
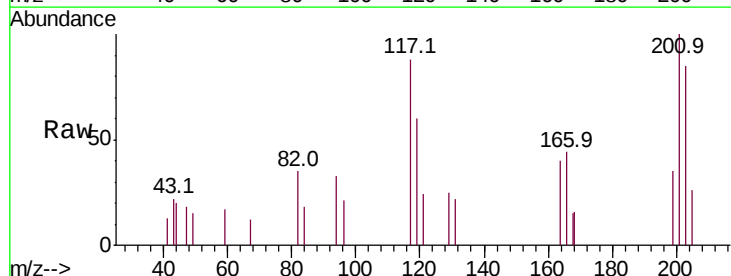
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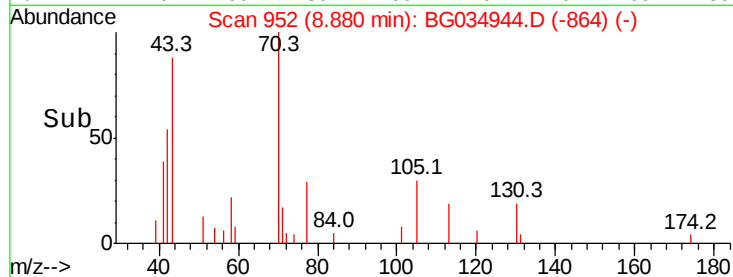
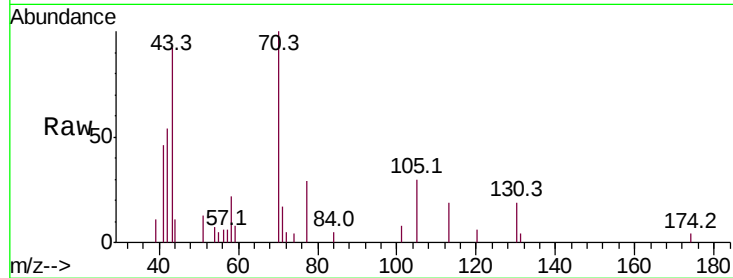
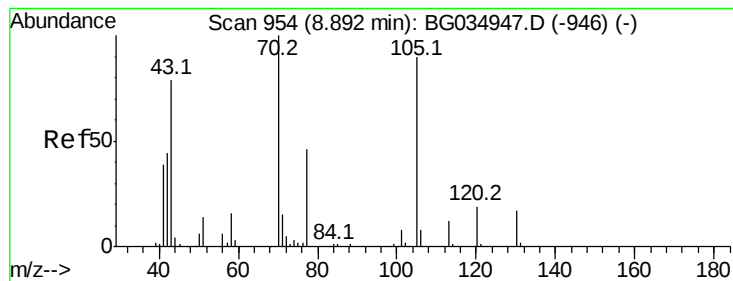
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#18  
Hexachloroethane  
Concen: 1.762 ng  
RT: 9.16 min Scan# 1000  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 1778  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 68.5  | 76.7  | 115.1 |
| 201      | 113.4 | 95.7  | 143.5 |





#19

n-Nitroso-di-n-propylamine

Concen: 2.339 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.01 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

Instrument :

BNA\_G

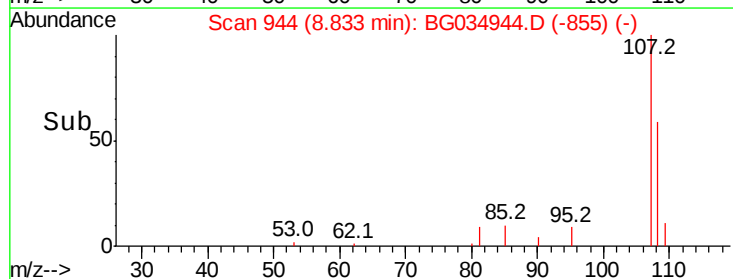
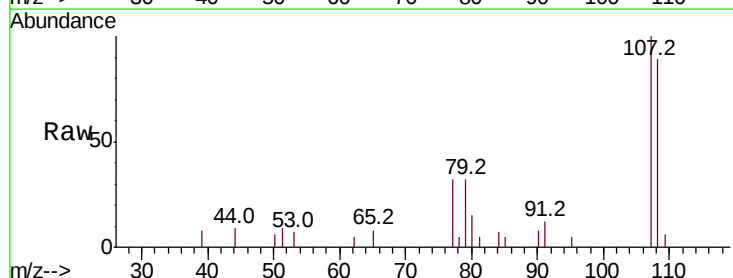
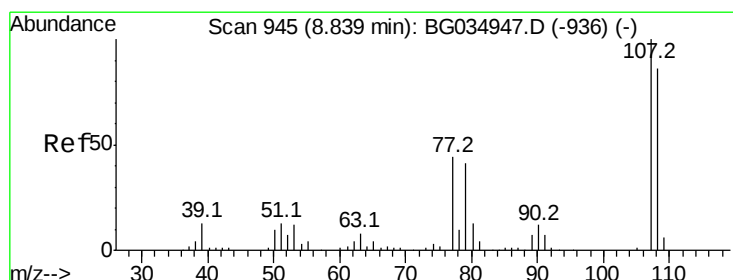
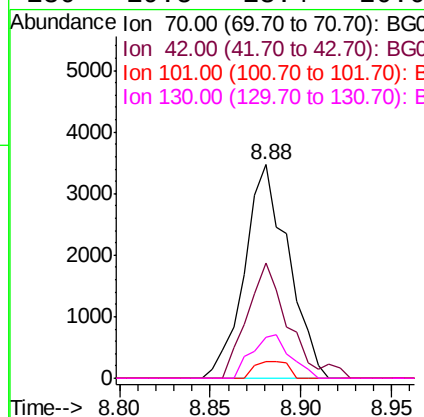
ClientSampled :

SSTDICC2.5

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 53.8 | 49.1  | 73.7  |       |
| 101     | 7.6  | 8.5   | 12.7  |       |
| 130     | 19.5 | 13.4  | 20.0  |       |

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#20

3+4-Methylphenols

Concen: 2.153 ng

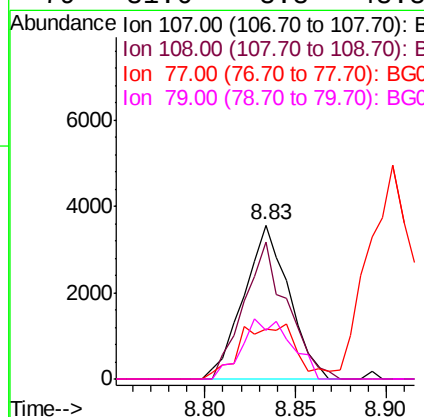
RT: 8.83 min Scan# 944

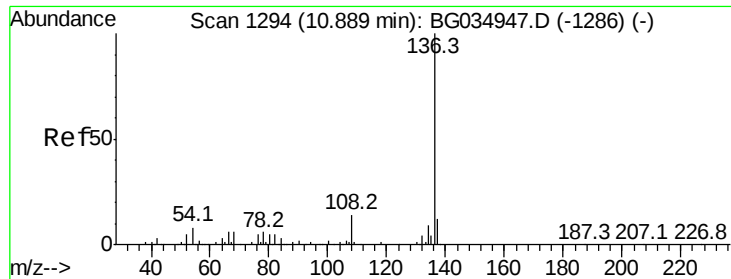
Delta R.T. -0.01 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 88.6 | 61.6  | 101.6 |       |
| 77      | 32.0 | 13.9  | 53.9  |       |
| 79      | 31.6 | 8.8   | 48.8  |       |





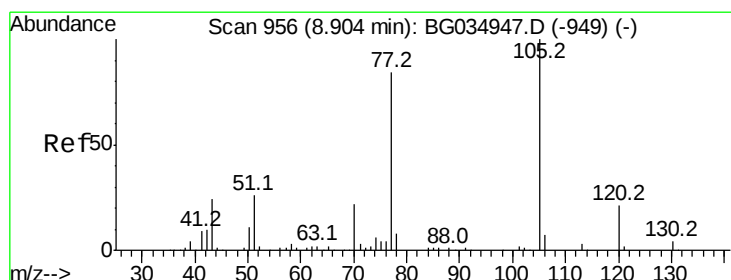
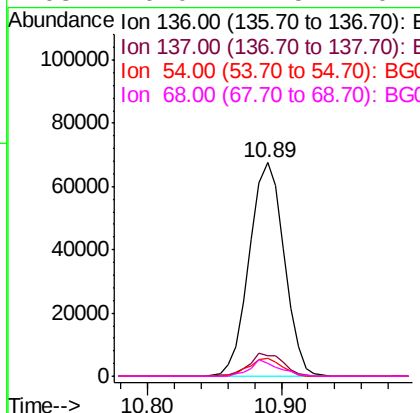
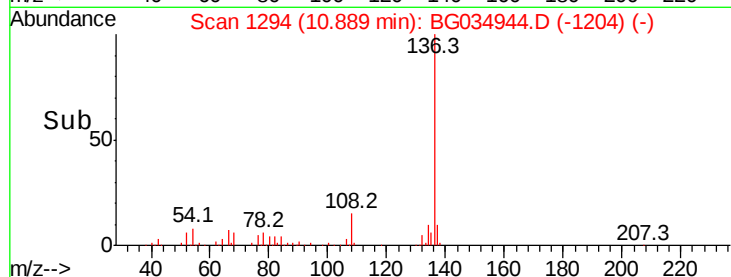
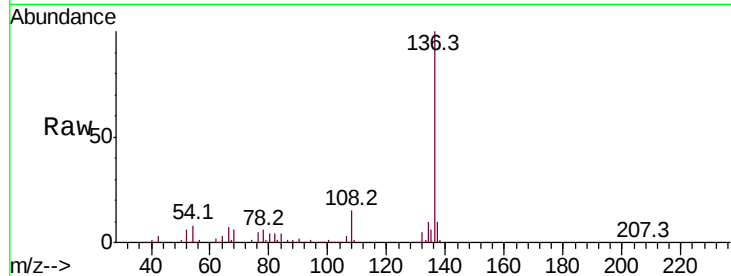
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.89 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 121545 |       |       |
| 137     | 9.7   | 9.2    | 13.8  |       |
| 54      | 8.1   | 10.3   | 15.5  |       |
| 68      | 6.0   | 4.5    | 6.7   |       |

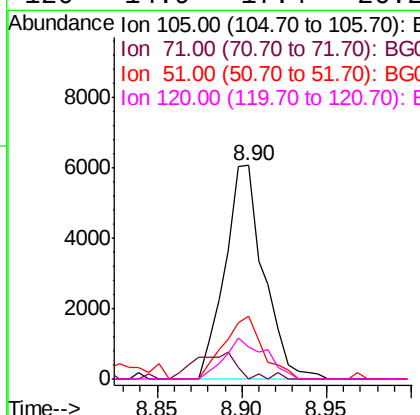
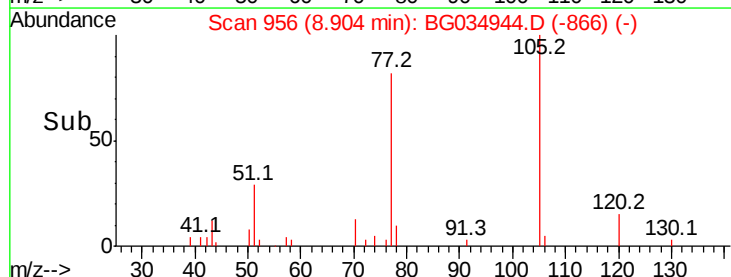
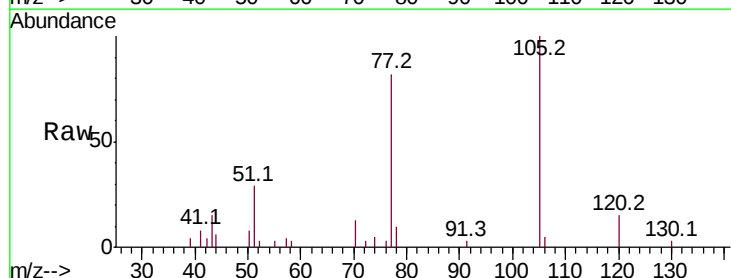
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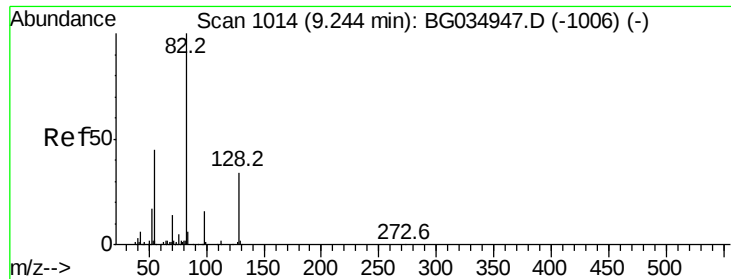
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#22  
Acetophenone  
Concen: 2.488 ng  
RT: 8.90 min Scan# 956  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   | 9661 |       |       |
| 71      | 0.0   | 3.0  | 4.4   |       |
| 51      | 29.4  | 26.1 | 39.1  |       |
| 120     | 14.9  | 17.4 | 26.2  |       |





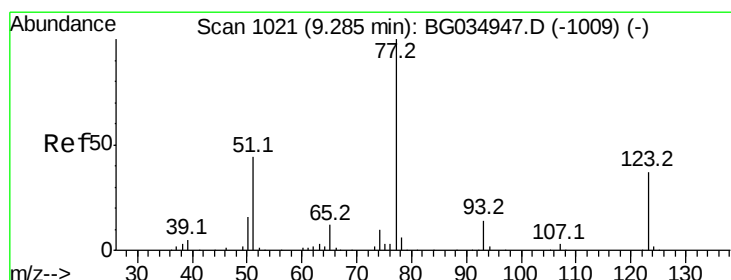
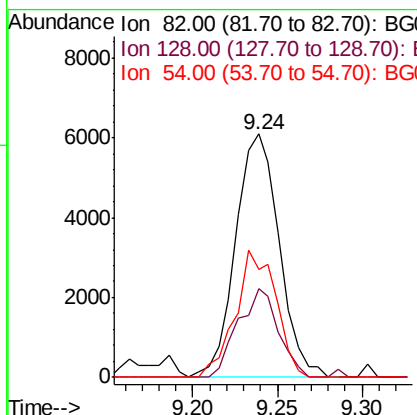
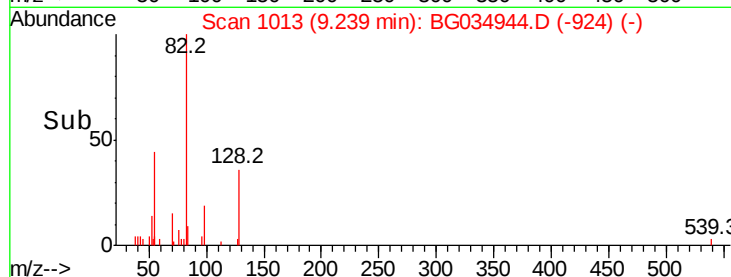
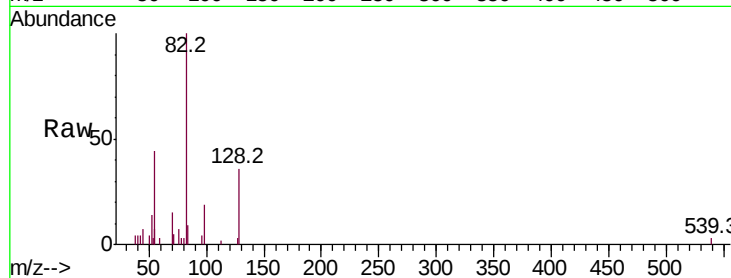
#23  
Nitrobenzene-d5  
Concen: 3.438 ng  
RT: 9.24 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.4  | 29.7  | 44.5  |
| 54      | 44.3  | 43.1  | 64.7  |

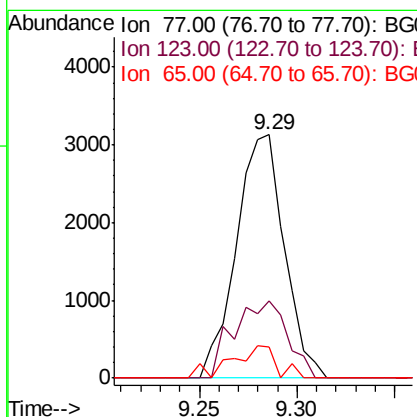
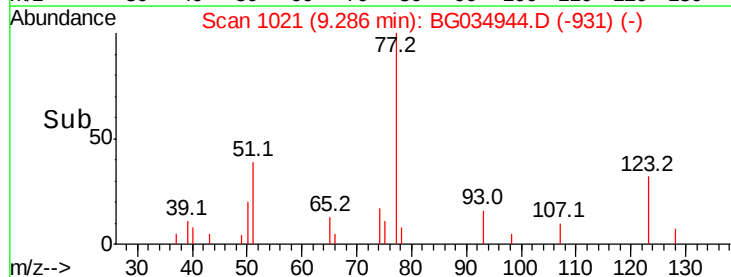
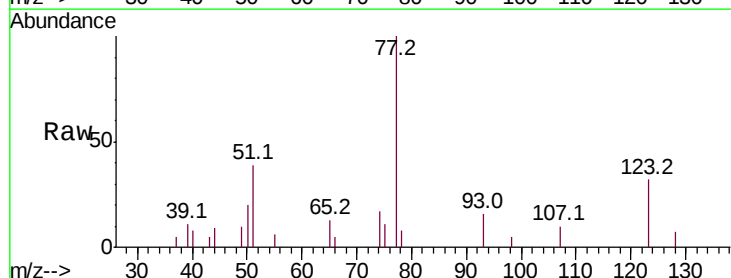
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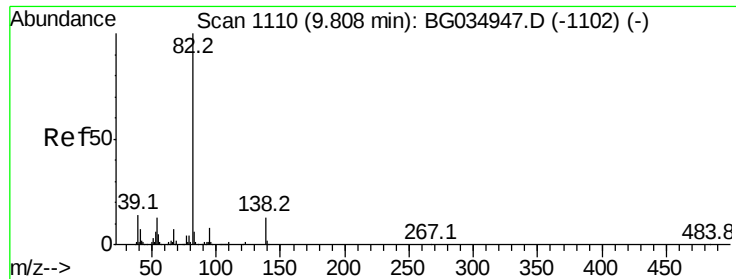
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#24  
Nitrobenzene  
Concen: 1.614 ng  
RT: 9.29 min Scan# 1021  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 31.6  | 33.0  | 49.6# |
| 65      | 12.8  | 13.0  | 19.6# |





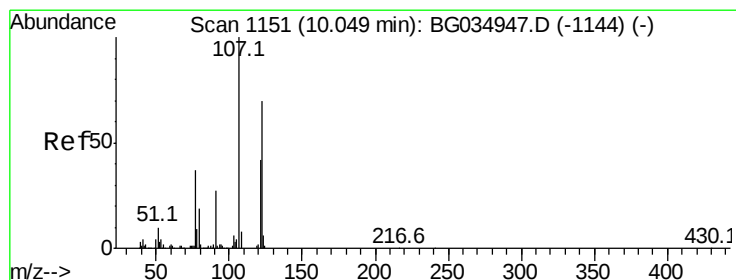
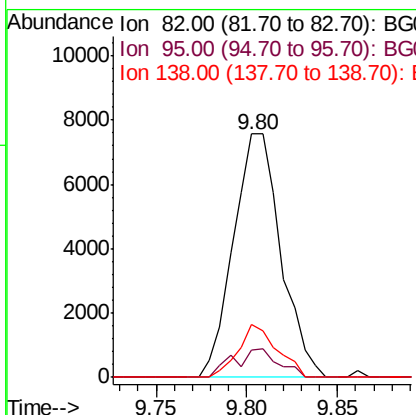
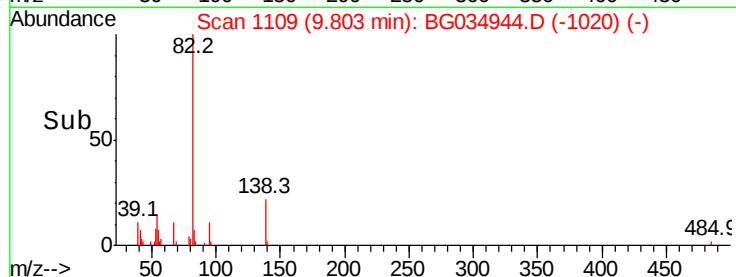
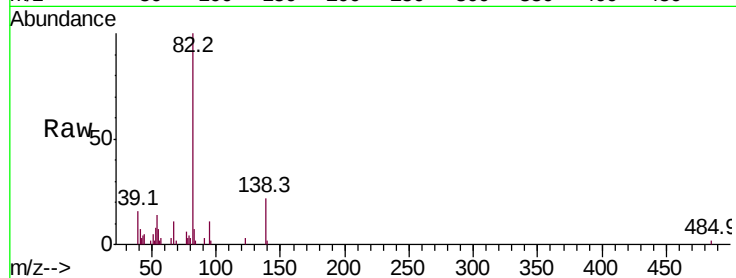
#25  
Isophorone  
Concen: 2.228 ng  
RT: 9.80 min Scan# 1109  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 11.0  | 6.2   | 9.2#  |
| 138     | 21.7  | 12.1  | 18.1# |

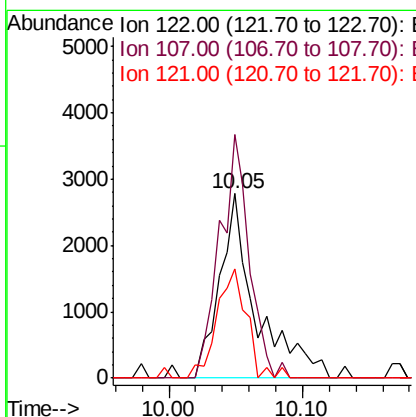
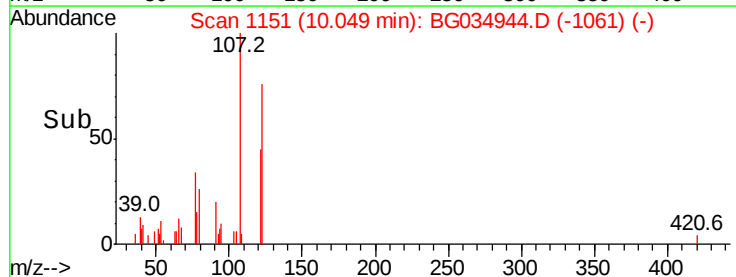
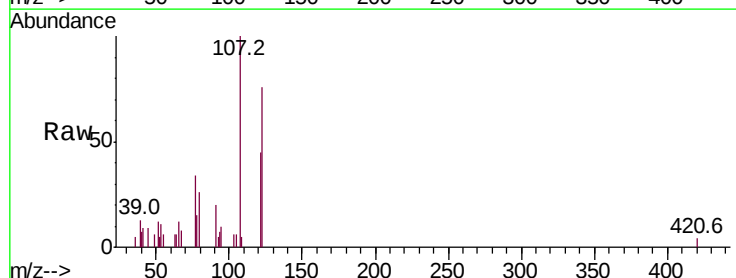
Manual Integrations  
APPROVED

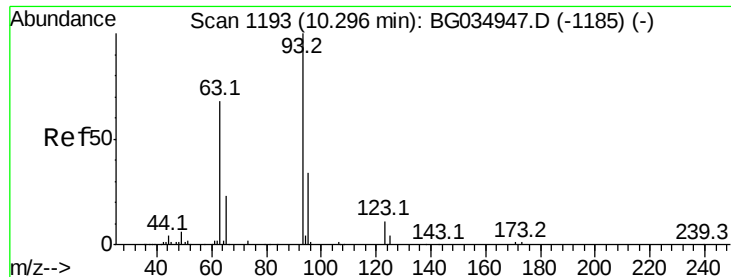
Sohil  
6/8/2018 4:44:29 PM



#27  
2,4-Dimethylphenol  
Concen: 2.557 ng  
RT: 10.05 min Scan# 1151  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 131.9 | 100.2 | 150.2 |
| 121     | 58.9  | 44.4  | 66.6  |





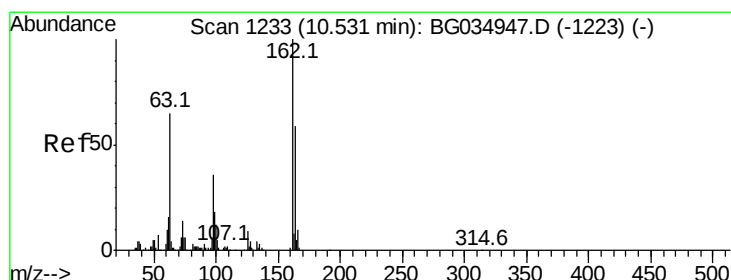
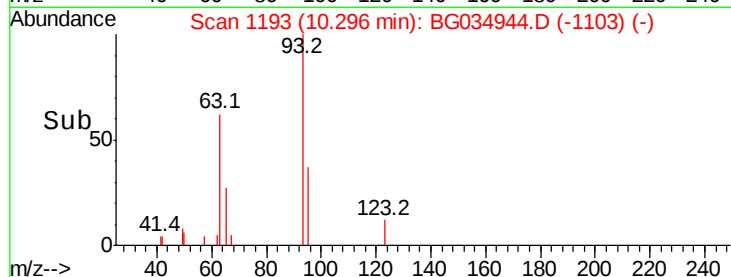
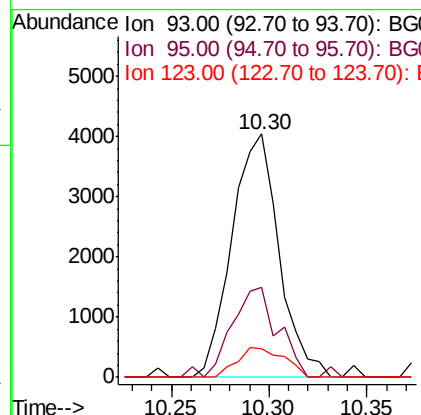
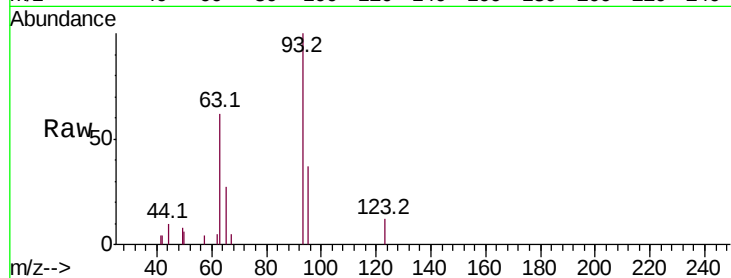
#28  
bis(2-Chloroethoxy)methane  
Concen: 2.182 ng  
RT: 10.30 min Scan# 1193  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 36.8  | 24.3  | 36.5# |
| 123     | 11.7  | 8.4   | 12.6  |

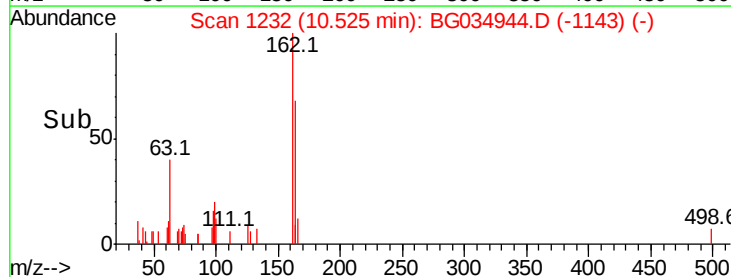
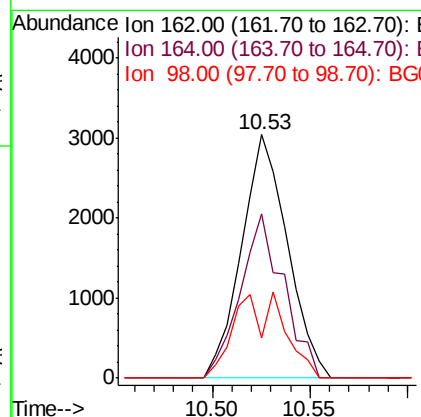
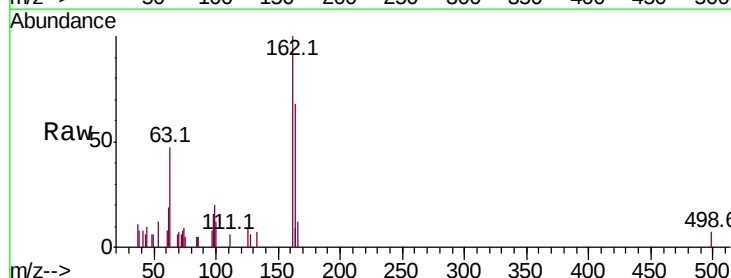
Manual Integrations  
APPROVED

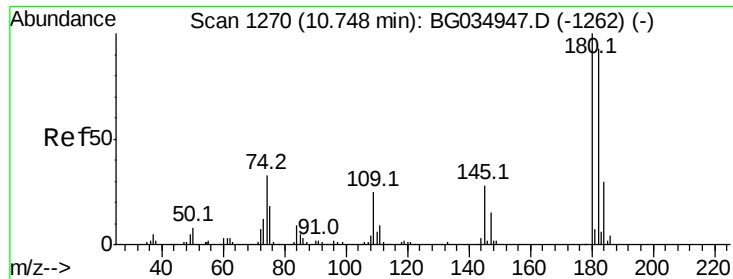
Sohil  
6/8/2018 4:44:29 PM



#29  
2,4-Dichlorophenol  
Concen: 2.302 ng  
RT: 10.53 min Scan# 1232  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.6  | 48.0  | 88.0  |
| 98      | 16.5  | 21.1  | 61.1# |





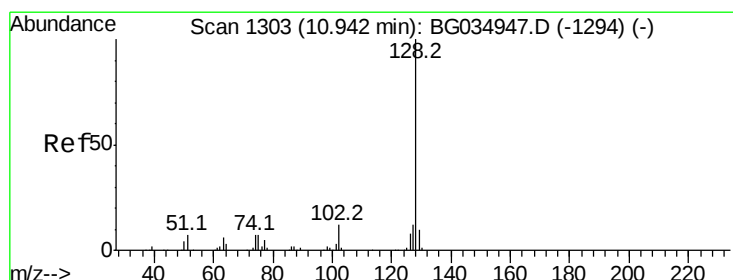
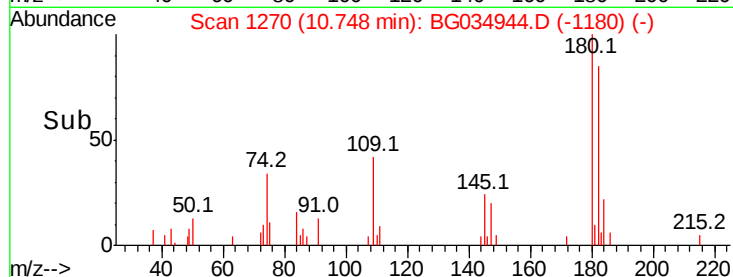
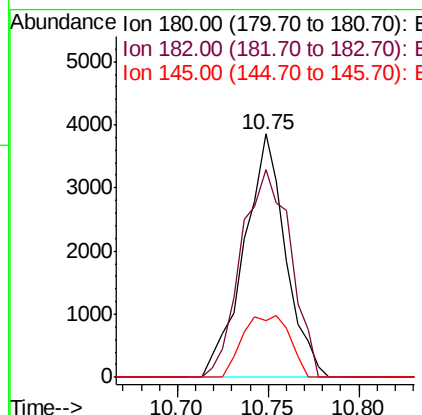
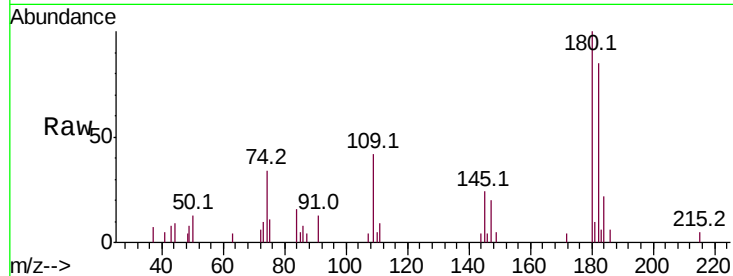
#30  
 1,2,4-Trichlorobenzene  
 Concen: 2.399 ng  
 RT: 10.75 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 85.4  | 77.5  | 116.3 |
| 145     | 23.5  | 23.4  | 35.2  |

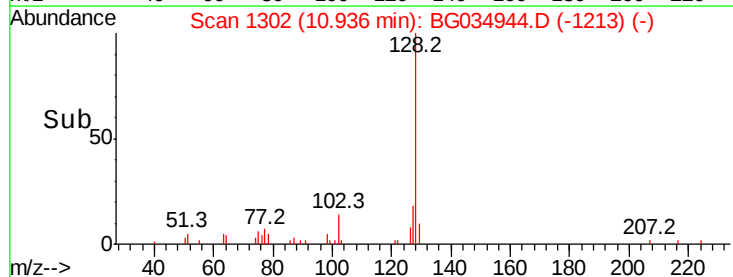
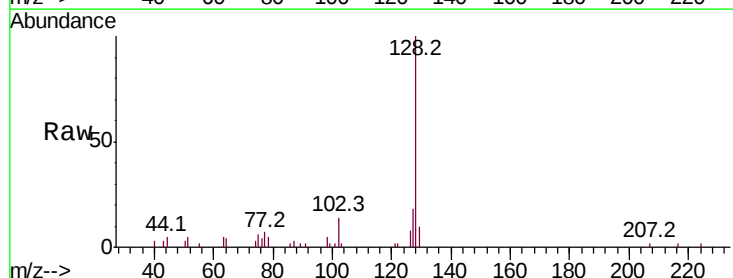
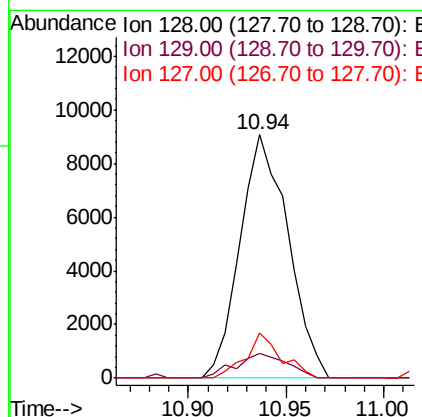
Manual Integrations  
 APPROVED

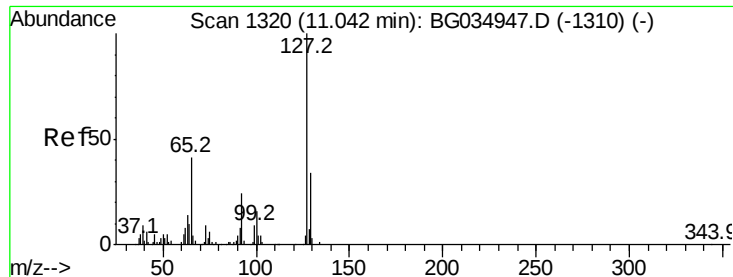
Sohil  
 6/8/2018 4:44:29 PM



#31  
 Naphthalene  
 Concen: 2.440 ng  
 RT: 10.94 min Scan# 1302  
 Delta R.T. -0.01 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.4  | 8.6   | 12.8  |
| 127     | 18.5  | 11.6  | 17.4# |





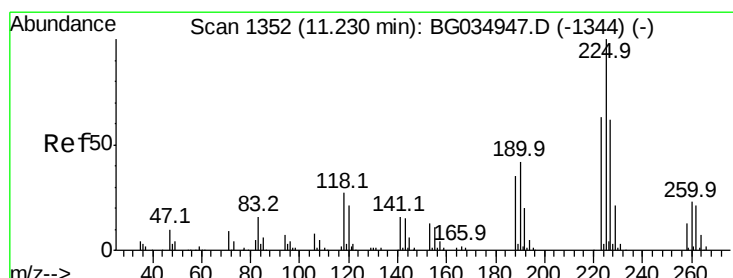
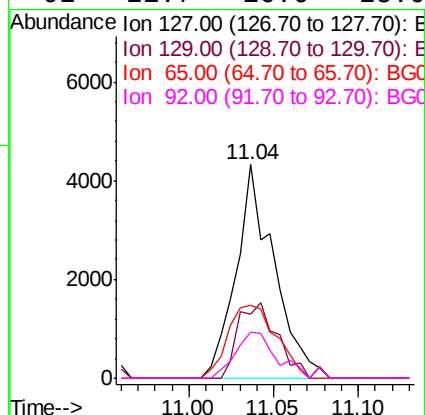
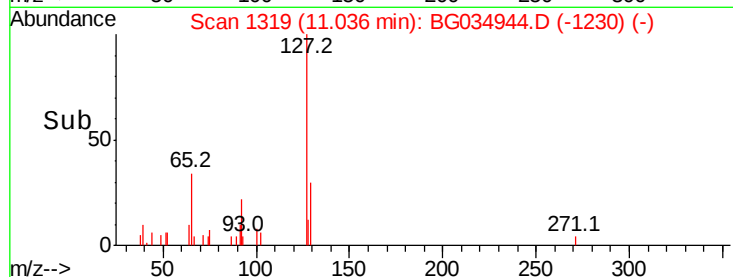
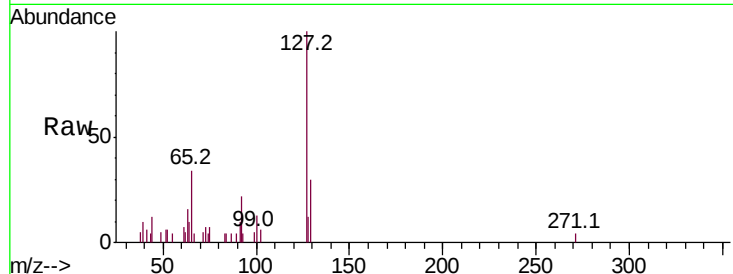
#33  
4-Chloroaniline  
Concen: 2.449 ng  
RT: 11.04 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 29.8  | 24.0  | 36.0  |
| 65      | 34.0  | 27.0  | 40.4  |
| 92      | 21.7  | 16.6  | 25.0  |

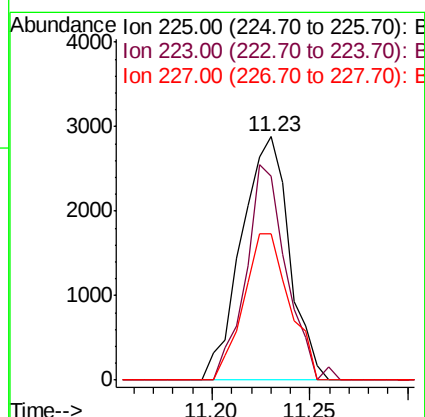
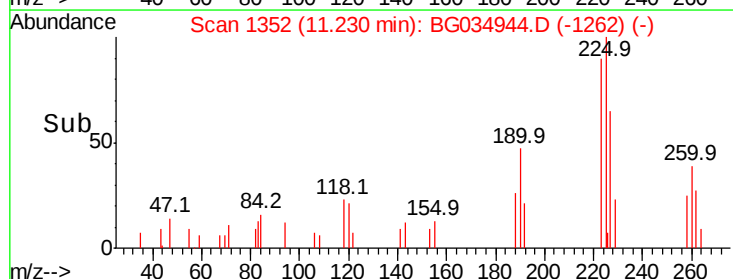
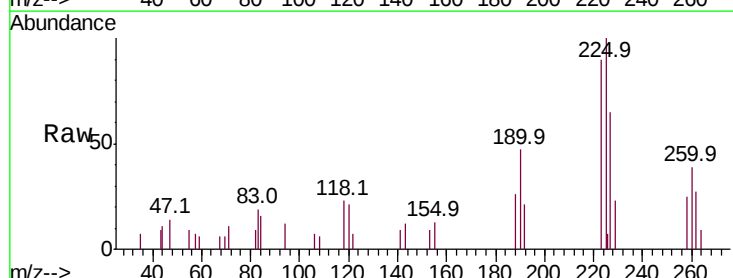
Manual Integrations  
APPROVED

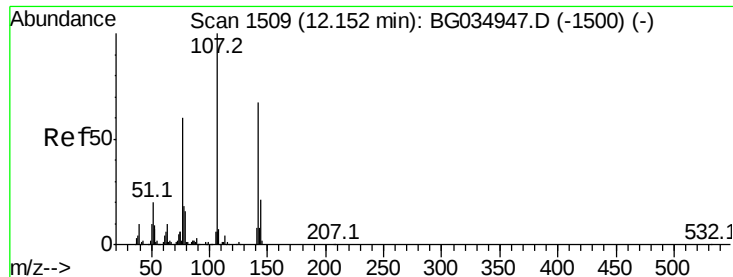
Sohil  
6/8/2018 4:44:29 PM



#34  
Hexachlorobutadiene  
Concen: 2.413 ng  
RT: 11.23 min Scan# 1352  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 83.7  | 49.7  | 74.5# |
| 227     | 60.3  | 48.1  | 72.1  |





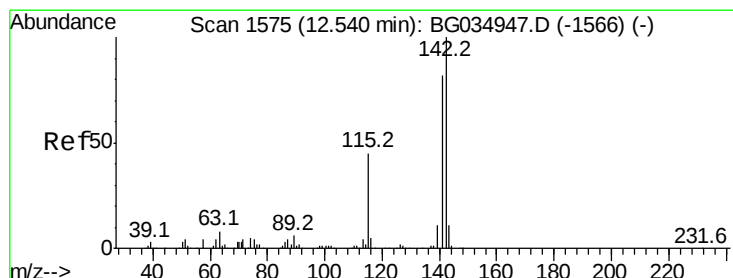
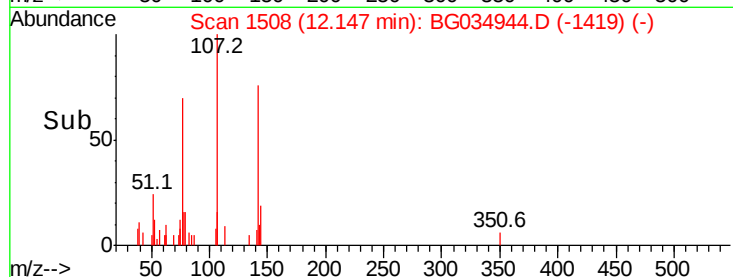
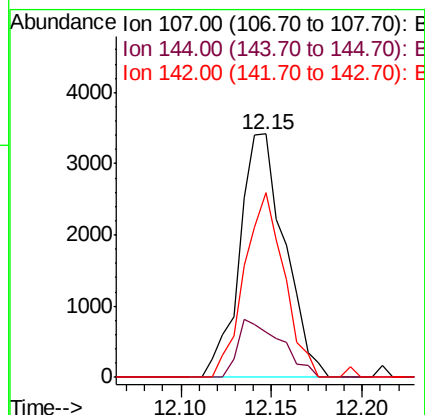
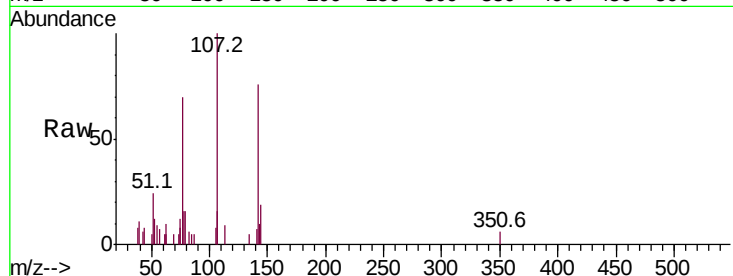
#36  
4-Chloro-3-methylphenol  
Concen: 2.051 ng  
RT: 12.15 min Scan# 1508  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 18.7  | 18.2  | 27.4  |
| 142     | 76.0  | 59.0  | 88.4  |

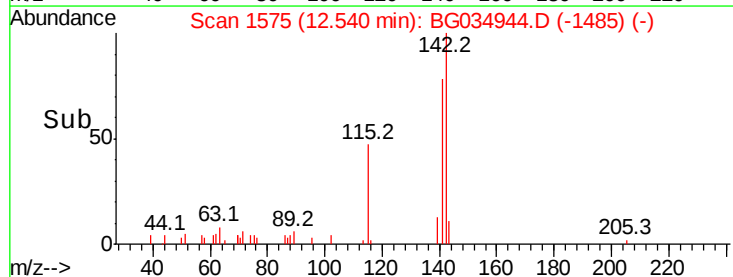
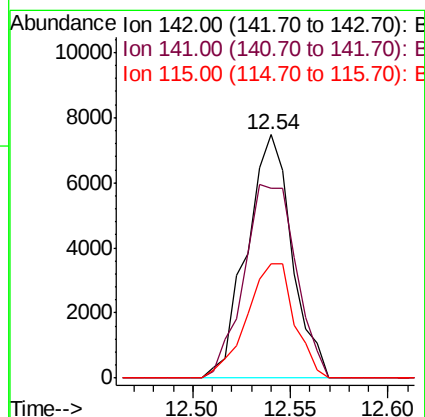
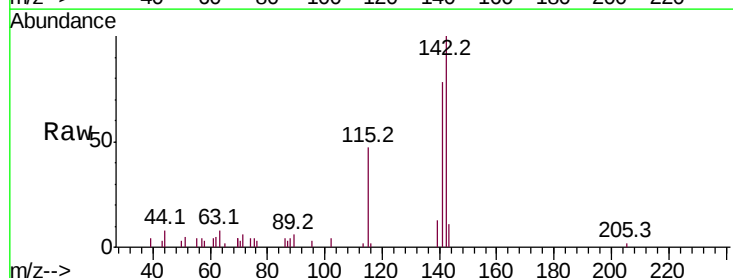
Manual Integrations  
APPROVED

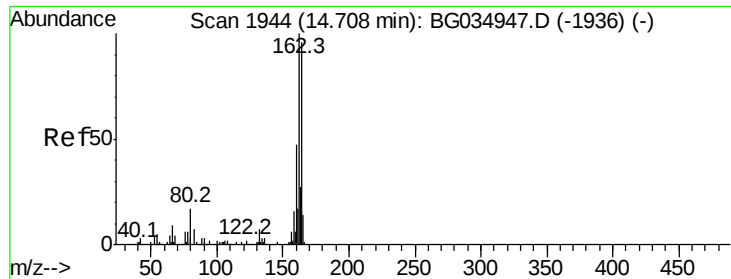
Sohil  
6/8/2018 4:44:29 PM



#37  
2-Methylnaphthalene  
Concen: 2.350 ng  
RT: 12.54 min Scan# 1575  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 77.9  | 67.1  | 100.7 |
| 115     | 46.9  | 30.7  | 46.1# |





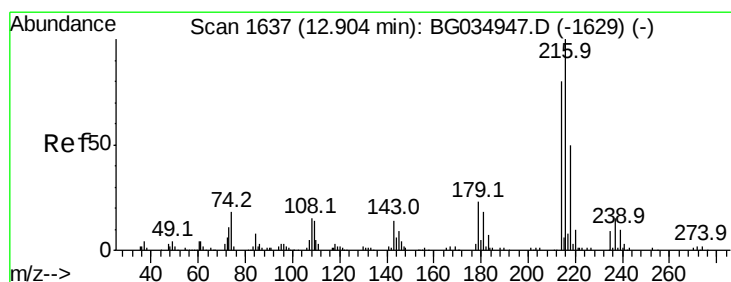
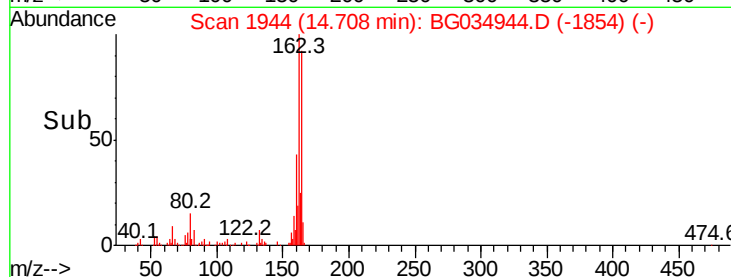
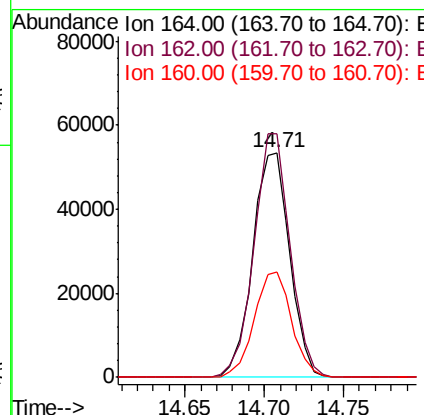
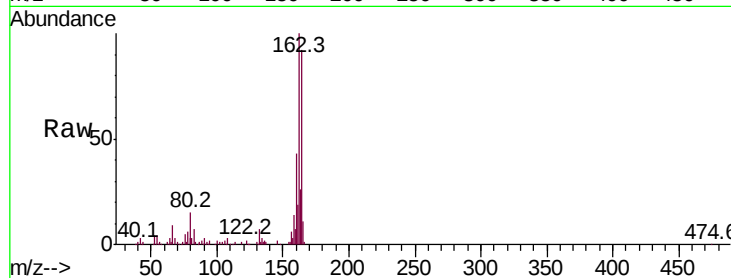
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.71 min Scan# 1944  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 108.4 | 78.8  | 118.2 |
| 160     | 46.7  | 35.4  | 53.0  |

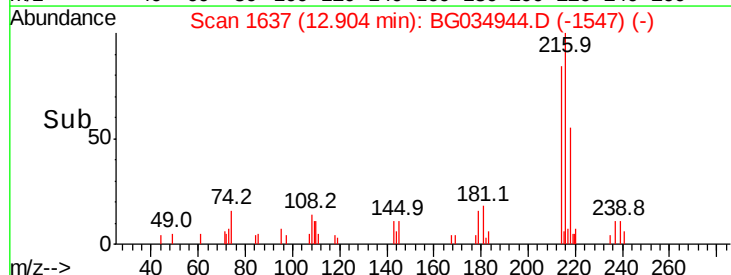
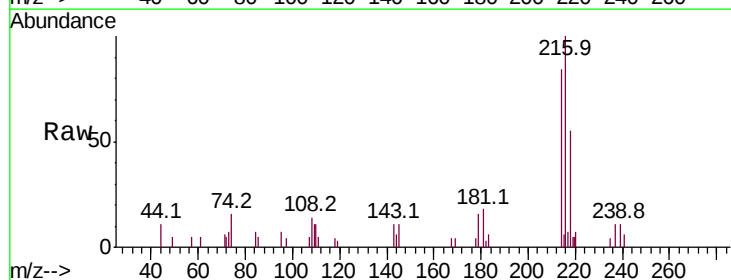
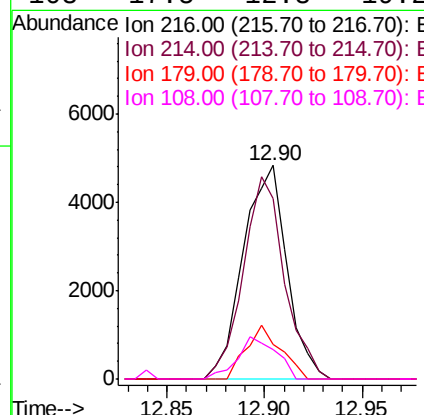
Manual Integrations  
APPROVED

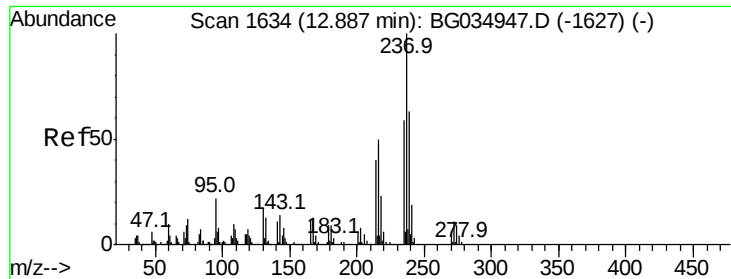
Sohil  
6/8/2018 4:44:29 PM



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 2.288 ng  
RT: 12.90 min Scan# 1637  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 89.9  | 63.0  | 94.4  |
| 179     | 19.9  | 17.0  | 25.6  |
| 108     | 17.5  | 12.8  | 19.2  |





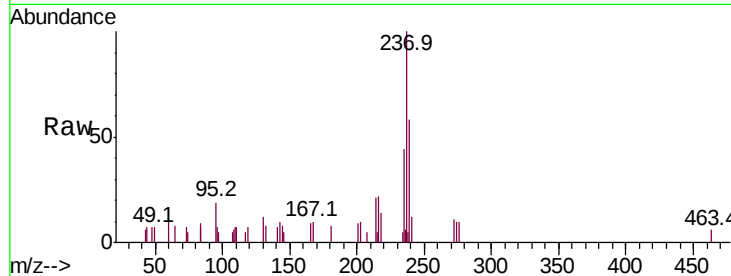
#40  
Hexachlorocyclopentadiene  
Concen: 1.718 ng  
RT: 12.88 min Scan# 1633  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

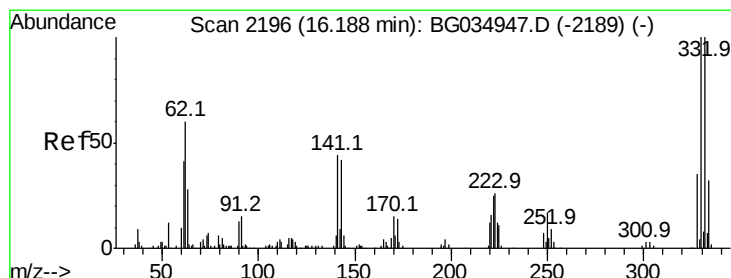
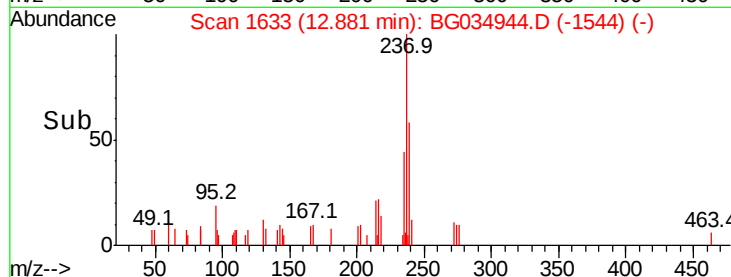
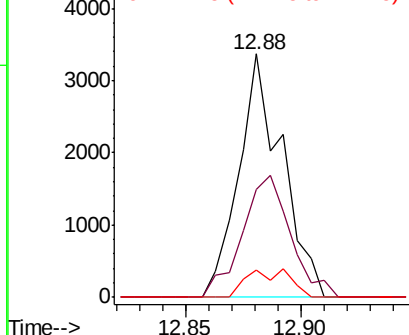
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 44.1  | 50.4  | 90.4# |
| 272     | 11.2  | 0.0   | 31.8  |

Manual Integrations  
APPROVED

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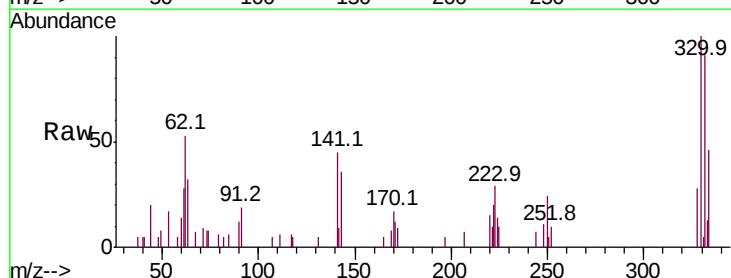


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

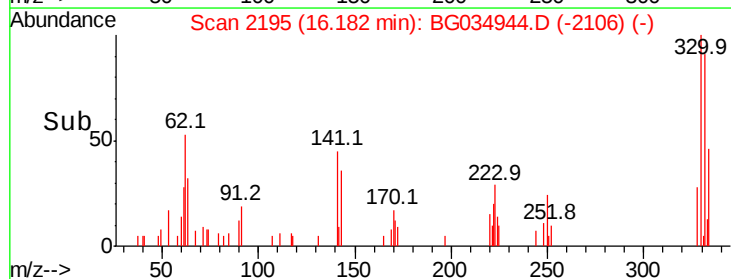
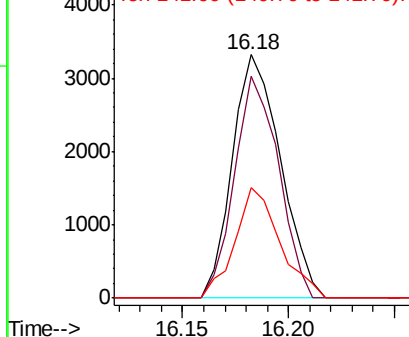


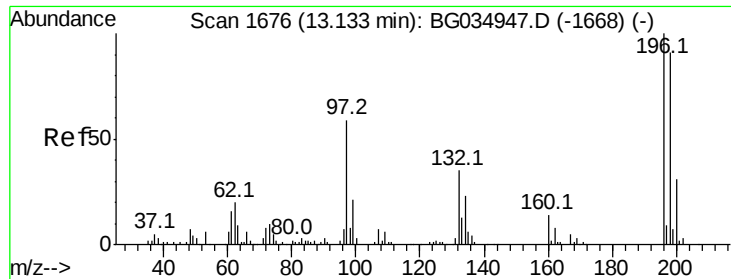
#41  
2,4,6-Tribromophenol  
Concen: 3.515 ng  
RT: 16.18 min Scan# 2195  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 83.0  | 77.0  | 115.6 |
| 141     | 42.3  | 25.2  | 37.8# |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





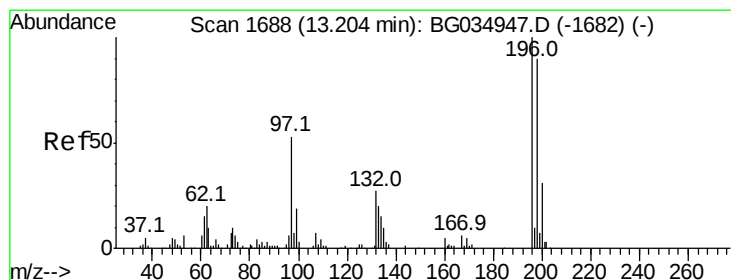
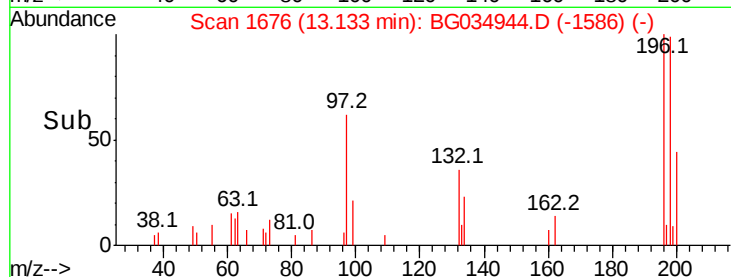
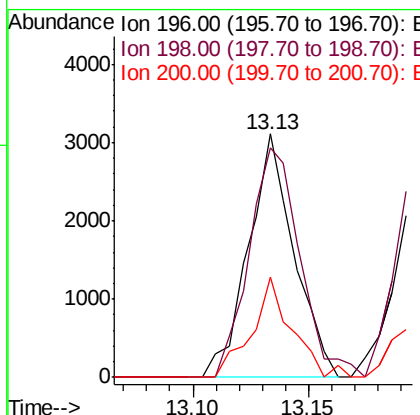
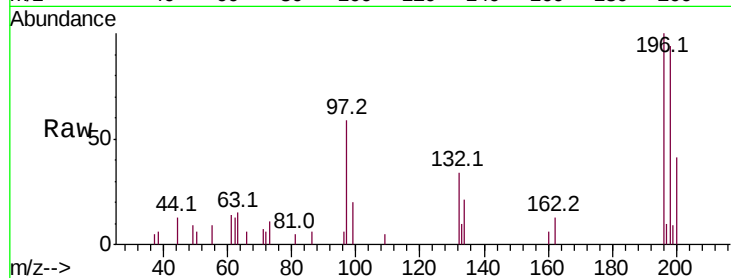
#42  
 2,4,6-Trichlorophenol  
 Concen: 2.112 ng  
 RT: 13.13 min Scan# 1676  
 Delta R.T. 0.00 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.4  | 78.2  | 117.2 |
| 200     | 41.4  | 24.6  | 36.8# |

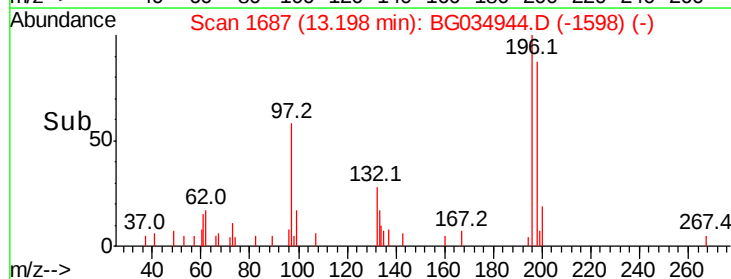
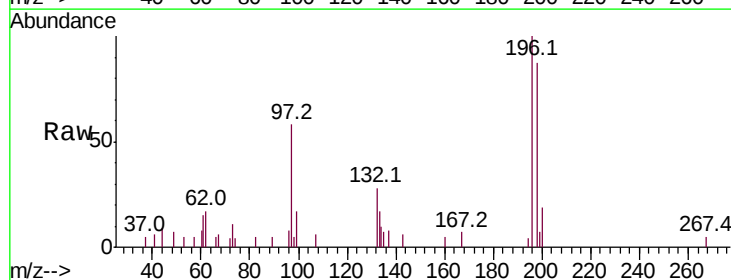
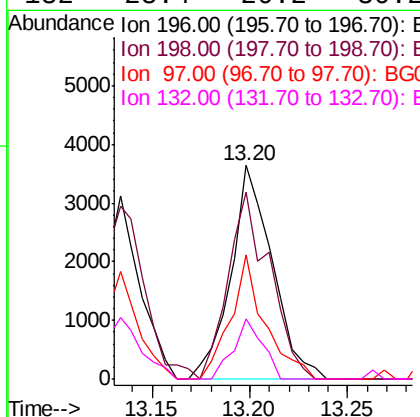
Manual Integrations  
 APPROVED

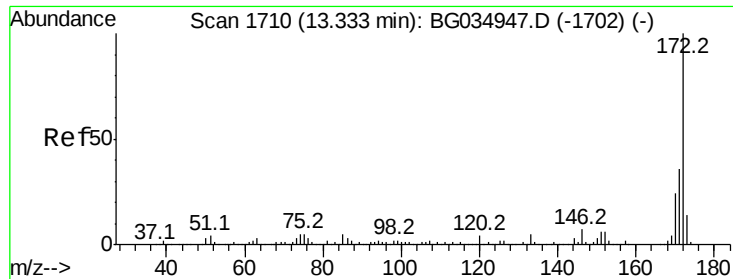
Sohil  
 6/8/2018 4:44:29 PM



#43  
 2,4,5-Trichlorophenol  
 Concen: 2.410 ng  
 RT: 13.20 min Scan# 1687  
 Delta R.T. -0.01 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 87.3  | 76.2  | 114.4 |
| 97      | 58.3  | 38.7  | 58.1# |
| 132     | 28.4  | 20.2  | 30.2  |





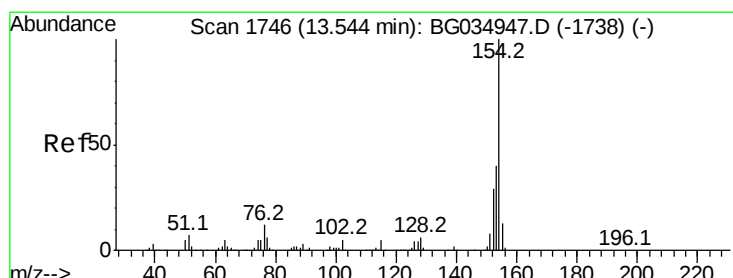
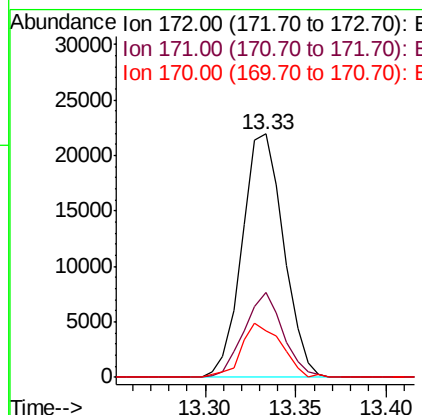
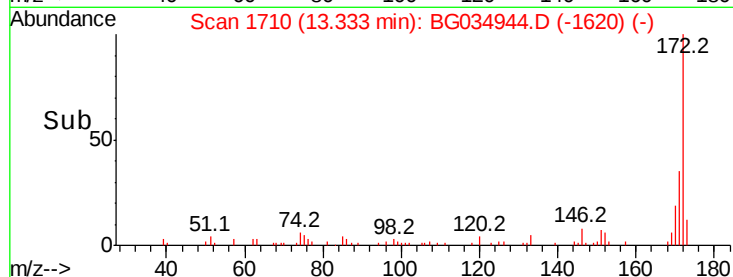
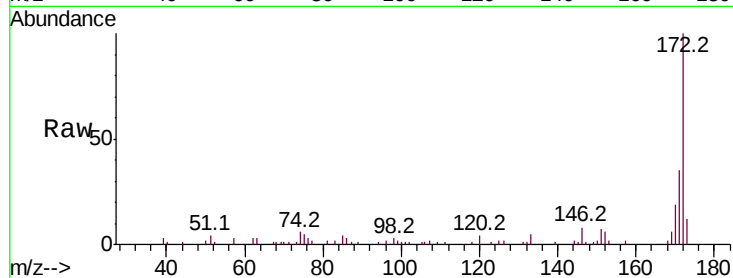
#44  
2-Fluorobiphenyl  
Concen: 5.465 ng  
RT: 13.33 min Scan# 1710  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 172     | 100   |            |       |
| 171     | 34.7  | 30.0       | 45.0  |
| 170     | 19.3  | 19.5       | 29.3  |

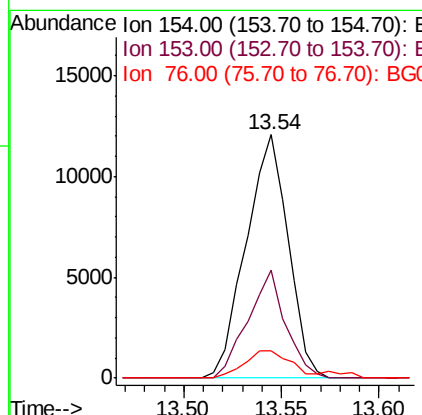
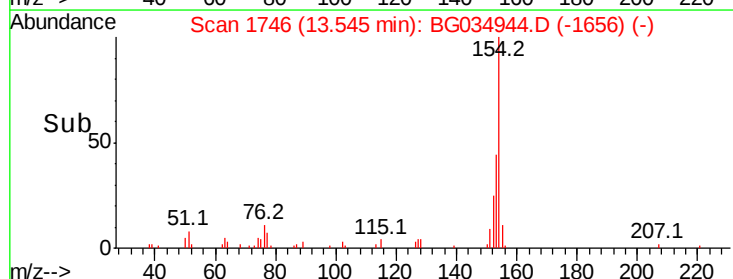
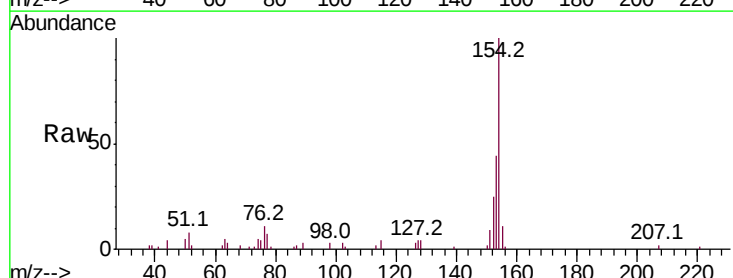
Manual Integrations  
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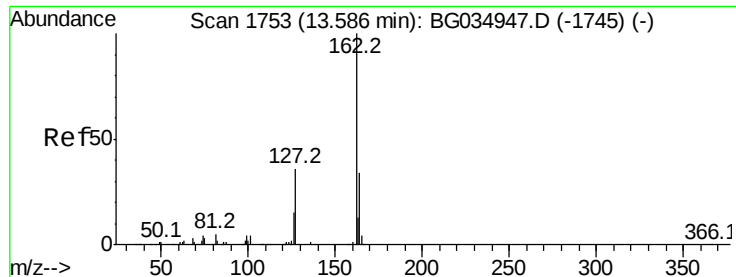
Sohil  
6/8/2018 4:44:29 PM



#45  
1,1'-Biphenyl  
Concen: 2.634 ng  
RT: 13.54 min Scan# 1746  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 44.1  | 19.8       | 59.8  |
| 76      | 11.1  | 0.0        | 31.9  |





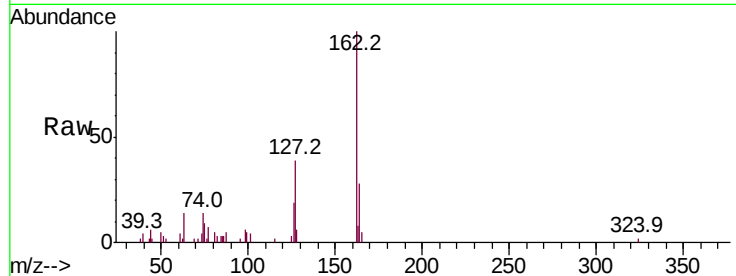
#46  
2-Chloronaphthalene  
Concen: 2.550 ng  
RT: 13.58 min Scan# 1752  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

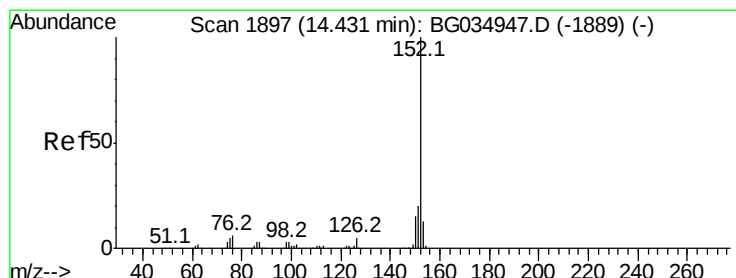
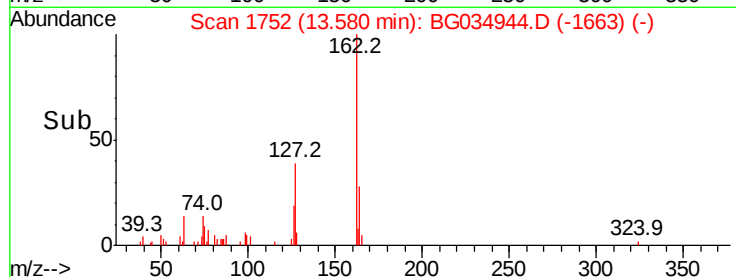
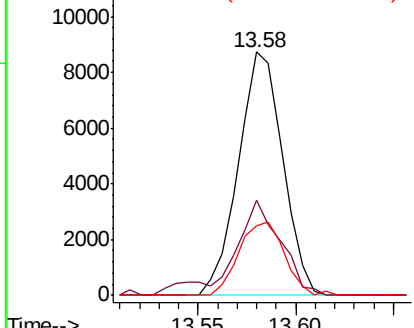
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.8  | 30.7  | 46.1  |
| 164     | 28.5  | 26.0  | 39.0  |

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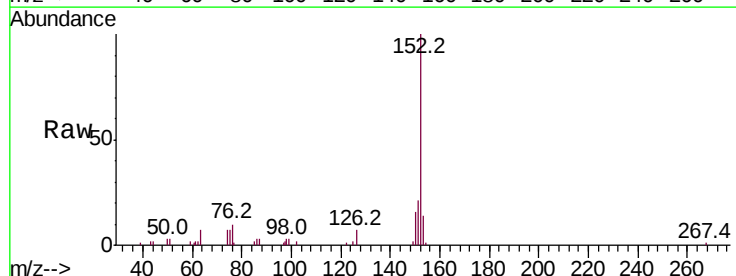


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

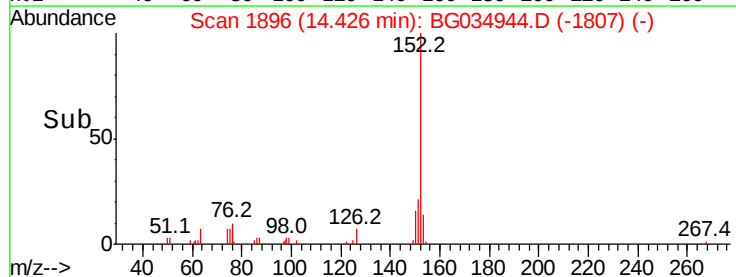
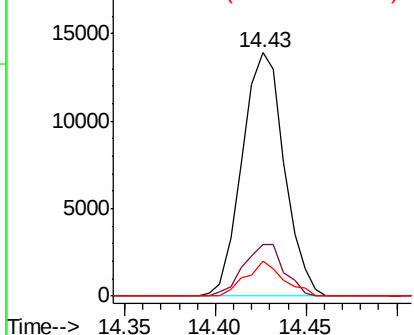


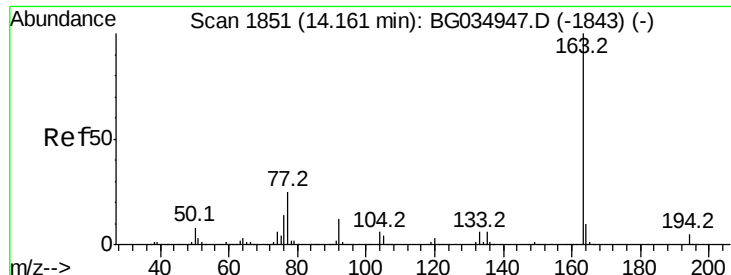
#48  
Acenaphthylene  
Concen: 2.735 ng  
RT: 14.43 min Scan# 1896  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.4  | 17.2  | 25.8  |
| 153     | 14.4  | 10.2  | 15.4  |



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





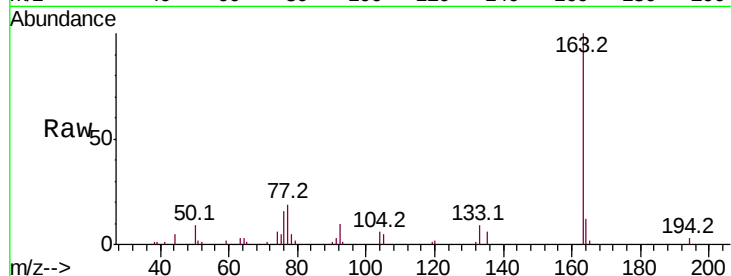
#49  
Dimethylphthalate  
Concen: 2.715 ng  
RT: 14.16 min Scan# 1850  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 163     | 100   | 20315 |       |       |
| 194     | 2.8   |       | 3.4   | 5.2#  |
| 164     | 11.5  |       | 8.2   | 12.4  |

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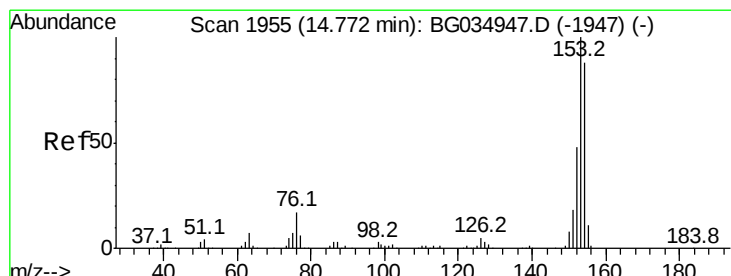
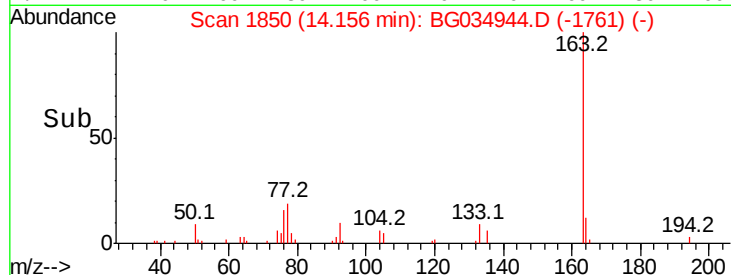
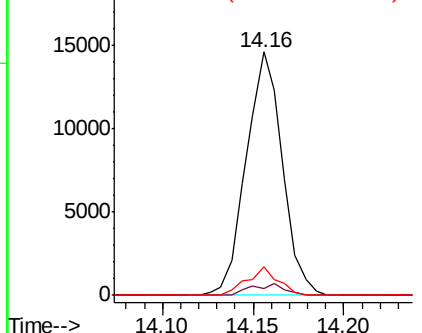


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51  
Acenaphthene  
Concen: 2.723 ng  
RT: 14.77 min Scan# 1954  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

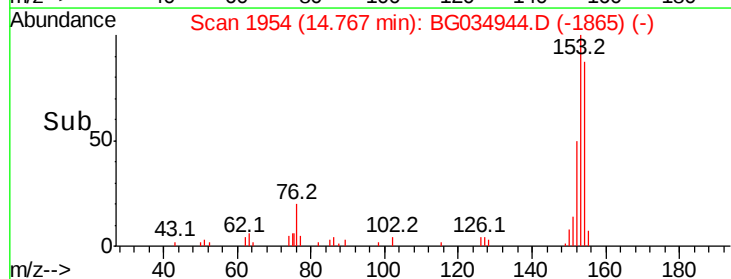
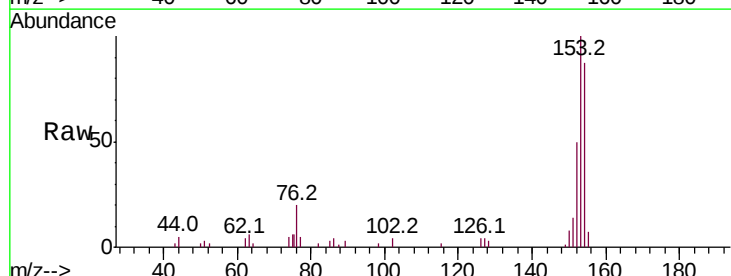
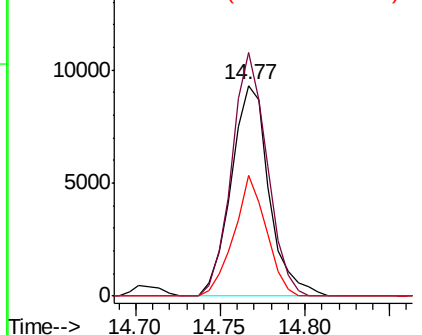
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 154     | 100   | 14517 |       |       |
| 153     | 115.4 |       | 90.4  | 135.6 |
| 152     | 57.2  |       | 41.6  | 62.4  |

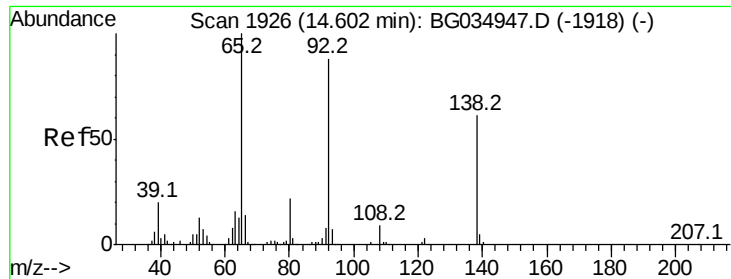
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





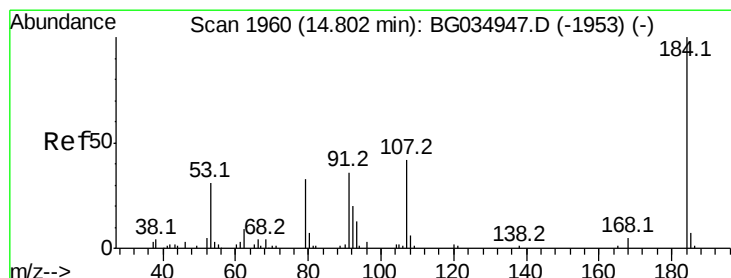
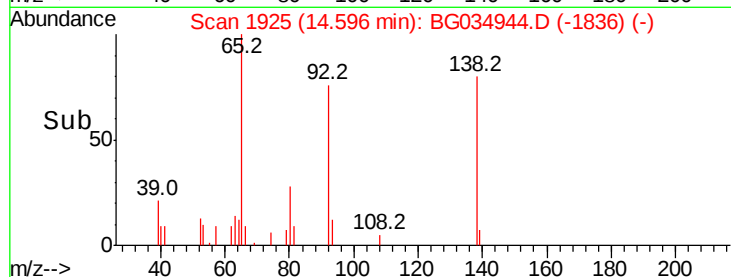
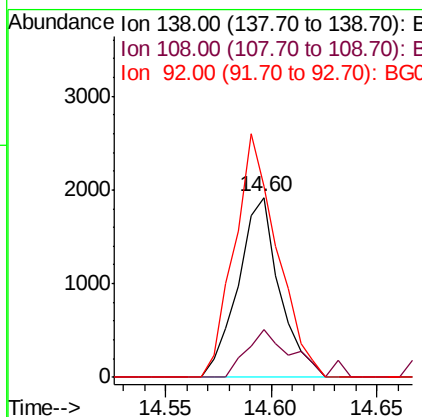
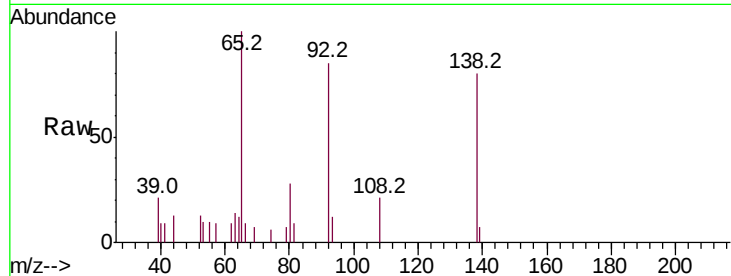
#52  
3-Nitroaniline  
Concen: 1.847 ng  
RT: 14.60 min Scan# 1925  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 26.2  | 17.5  | 26.3  |
| 92      | 106.6 | 105.8 | 158.8 |

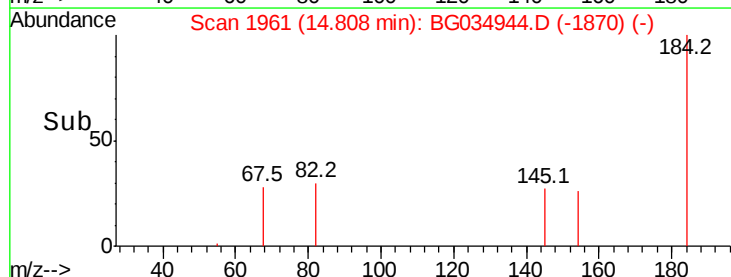
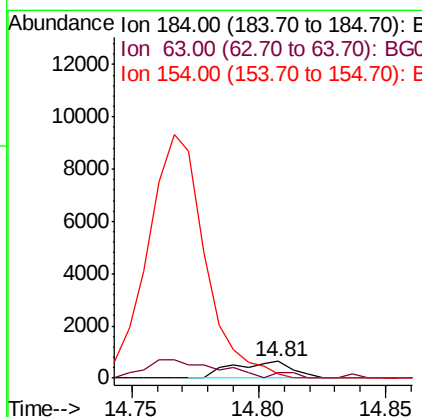
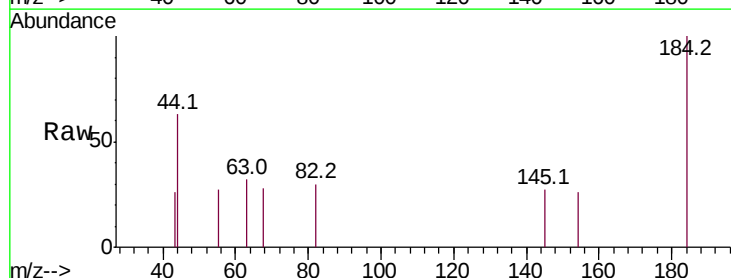
Manual Integrations  
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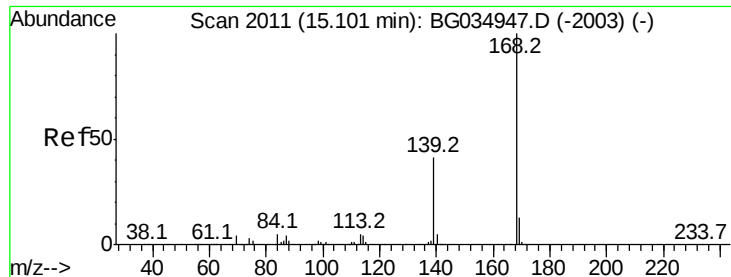
Sohil  
6/8/2018 4:44:29 PM



#53  
2,4-Dinitrophenol  
Concen: 1.033 ng  
RT: 14.81 min Scan# 1961  
Delta R.T. 0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 32.3  | 59.8  | 89.8#  |
| 154     | 25.8  | 101.8 | 152.8# |





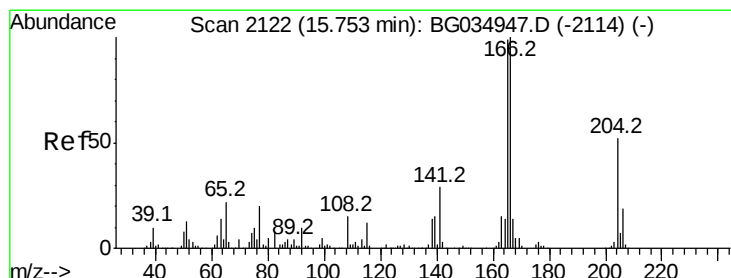
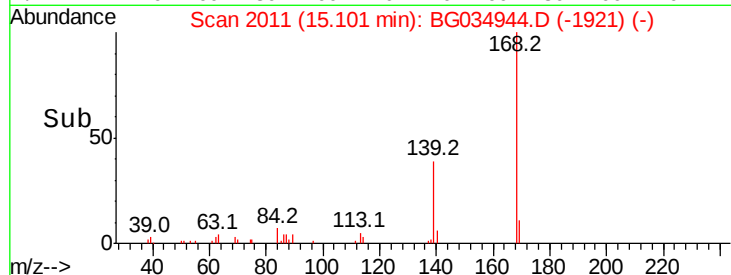
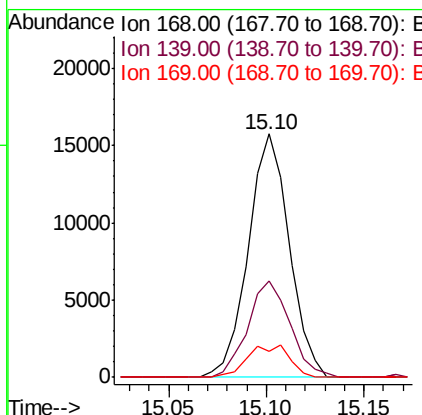
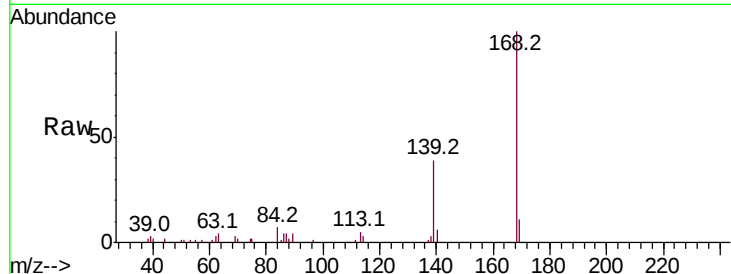
#54  
Dibenzo(furan)  
Concen: 2.615 ng  
RT: 15.10 min Scan# 2011  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.5  | 28.6  | 43.0  |
| 169     | 10.8  | 11.2  | 16.8# |

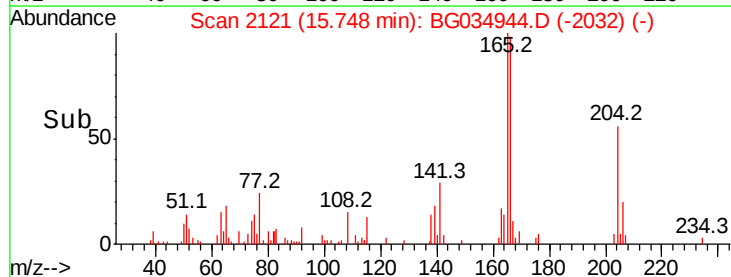
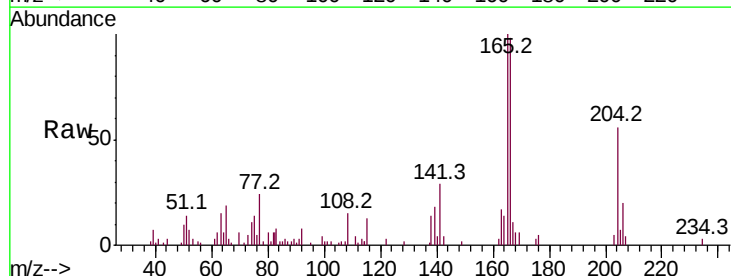
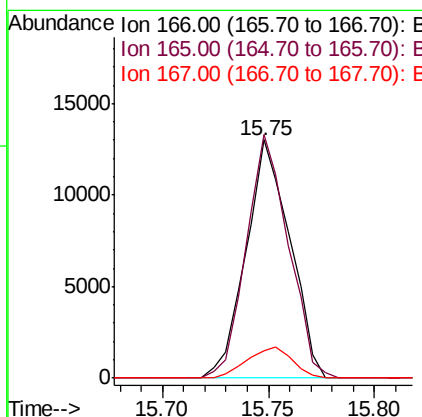
Manual Integrations  
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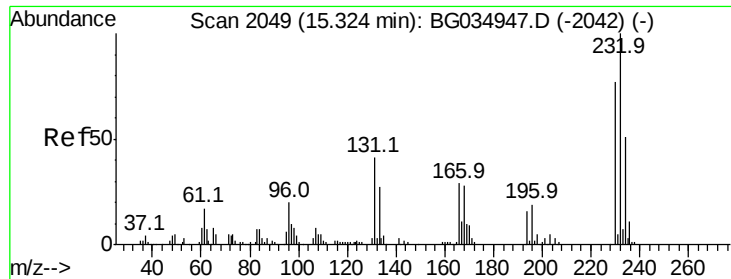
Sohil  
6/8/2018 4:44:29 PM



#57  
Fluorene  
Concen: 2.752 ng  
RT: 15.75 min Scan# 2121  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 102.2 | 80.6  | 121.0 |
| 167     | 11.6  | 10.4  | 15.6  |





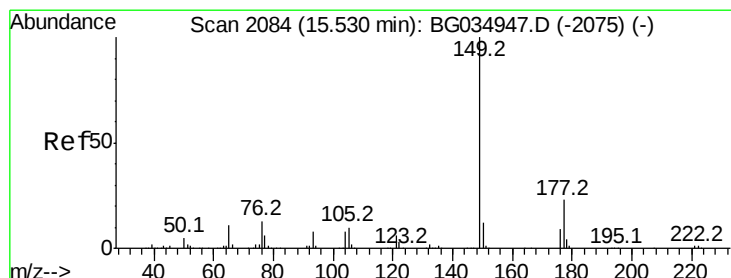
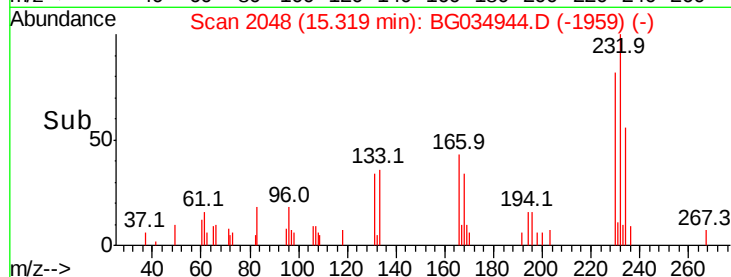
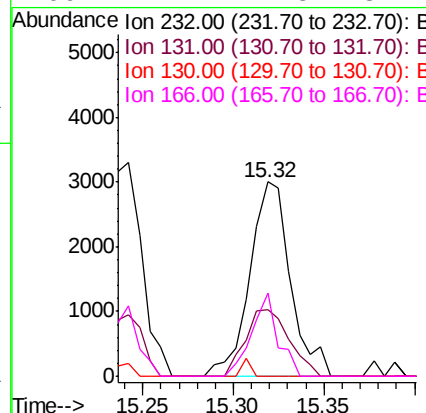
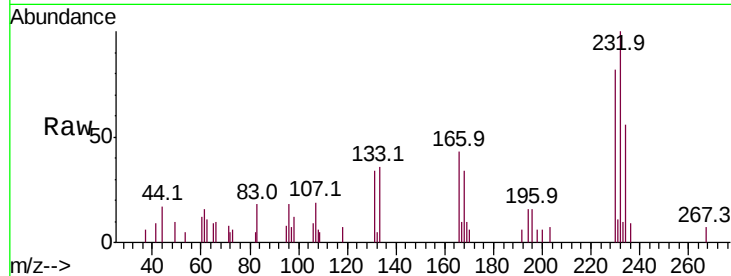
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 1.933 ng  
 RT: 15.32 min Scan# 2048  
 Delta R.T. -0.01 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 36.9  | 33.5  | 50.3  |
| 130     | 2.0   | 2.2   | 3.2   |
| 166     | 27.4  | 24.8  | 37.2  |

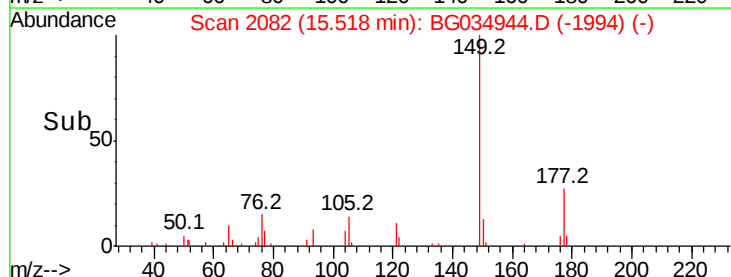
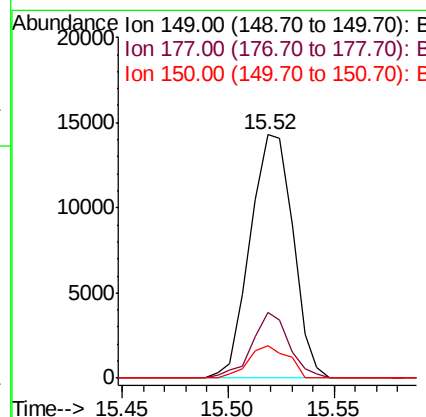
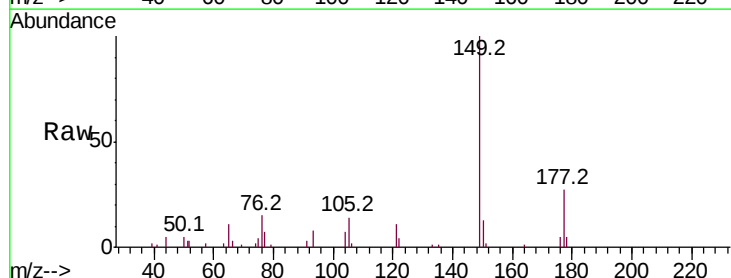
Manual Integrations  
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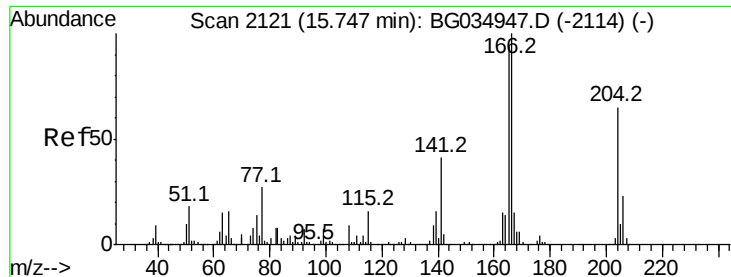
Sohil  
 6/8/2018 4:44:29 PM



#59  
 Diethylphthalate  
 Concen: 2.591 ng  
 RT: 15.52 min Scan# 2082  
 Delta R.T. -0.01 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 27.0  | 18.5  | 27.7  |
| 150     | 13.1  | 10.2  | 15.2  |





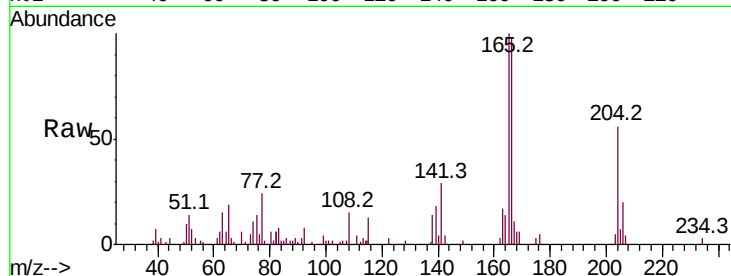
#60  
4-Chlorophenyl-phenylether  
Concen: 2.627 ng  
RT: 15.75 min Scan# 2121  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampled :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.2  | 26.2  | 39.2  |
| 141     | 51.1  | 45.8  | 68.6  |

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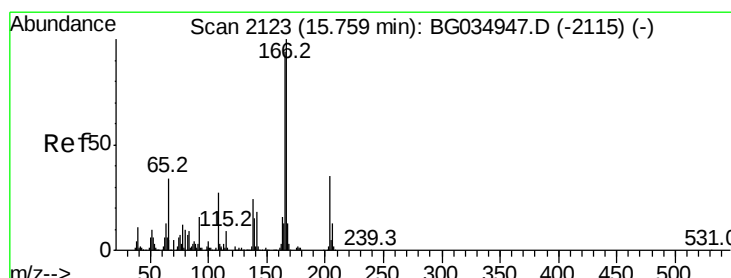
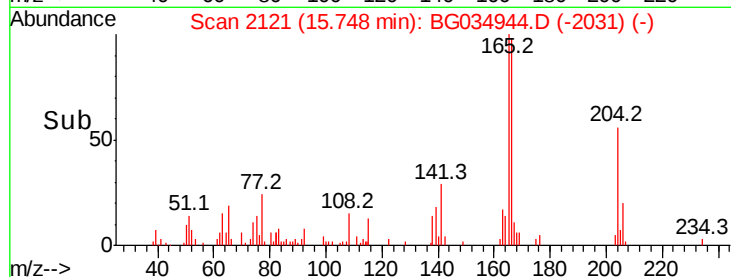
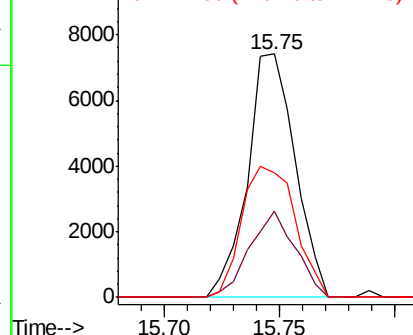


Abundance

Ion 204.00 (203.70 to 204.70): E

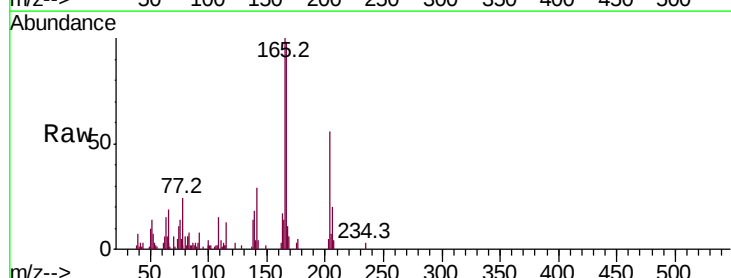
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61  
4-Nitroaniline  
Concen: 1.797 ng  
RT: 15.75 min Scan# 2121  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 53.7  | 40.1  | 80.1   |
| 108     | 107.2 | 65.4  | 105.4# |

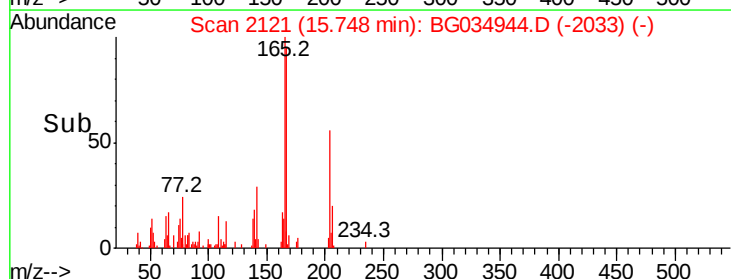
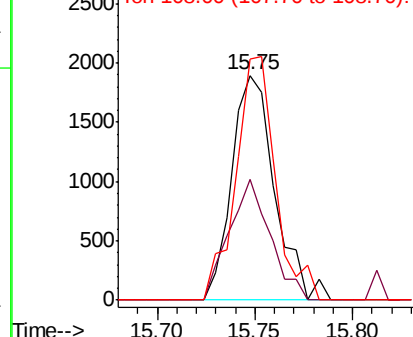


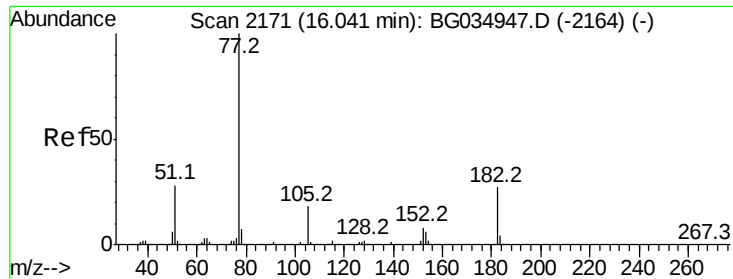
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 2.474 ng

RT: 16.04 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

Instrument :

BNA\_G

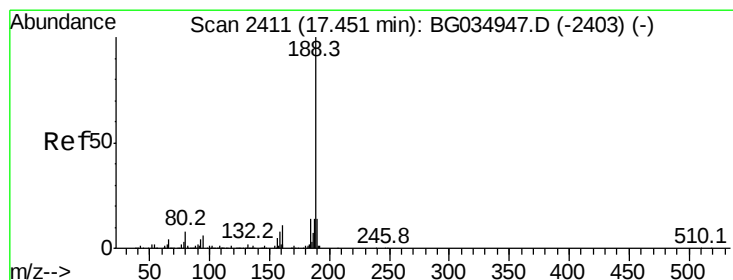
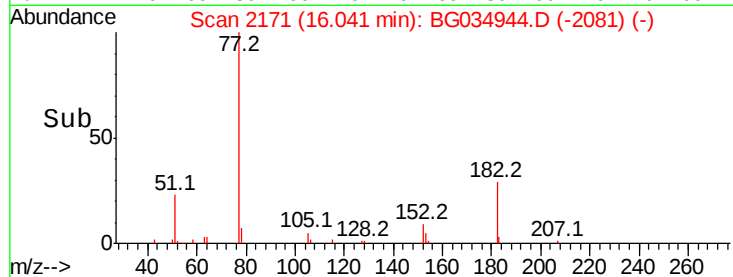
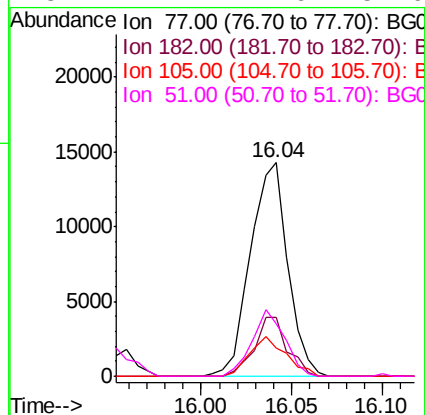
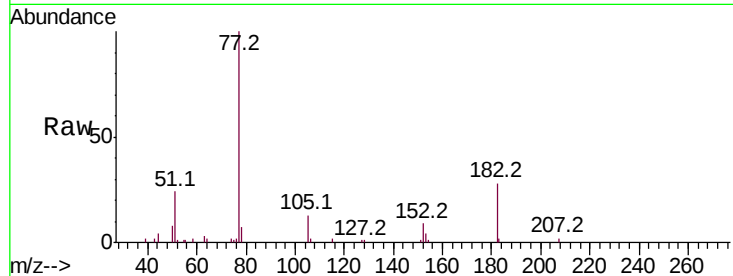
ClientSampleId :

SSTDICC2.5

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 27.6 | 7.4   | 47.4  |       |
| 105     | 13.5 | 0.3   | 40.3  |       |
| 51      | 24.4 | 11.6  | 51.6  |       |

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#63

Phenanthrene-d10

Concen: 20.000 ng

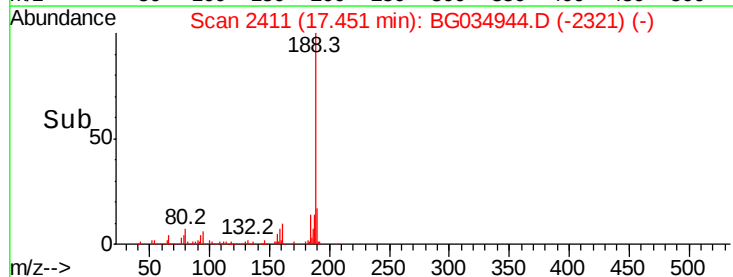
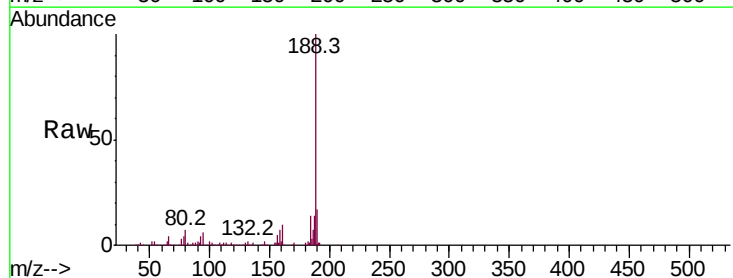
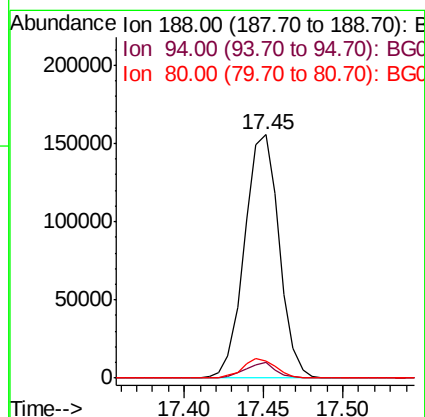
RT: 17.45 min Scan# 2411

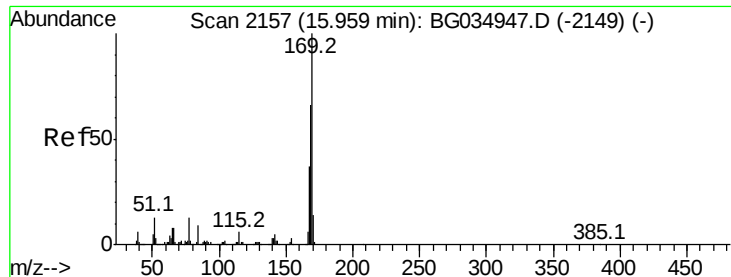
Delta R.T. 0.00 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 6.3 | 6.9   | 10.3# |       |
| 80      | 7.2 | 7.7   | 11.5# |       |





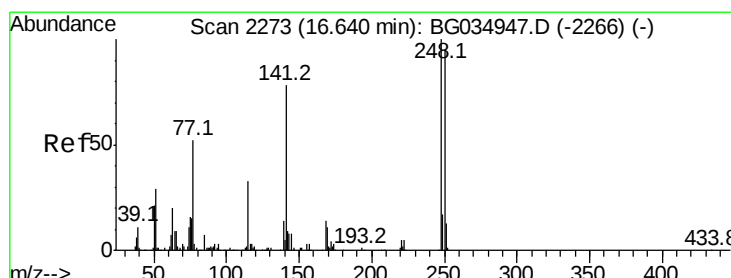
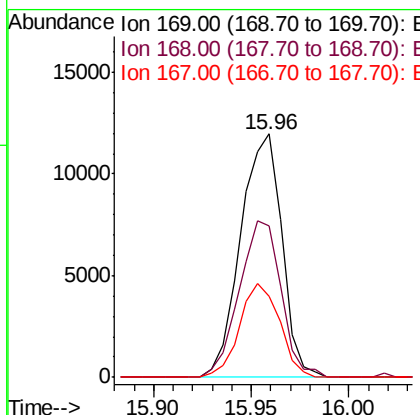
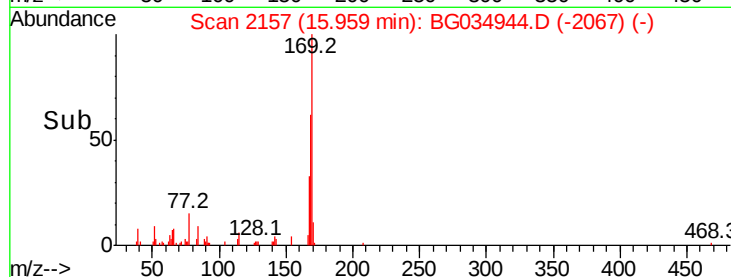
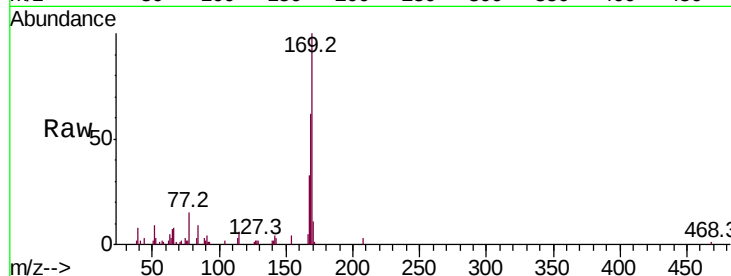
#65  
n-Nitrosodiphenylamine  
Concen: 2.543 ng  
RT: 15.96 min Scan# 2157  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 62.2  | 55.7  | 83.5  |
| 167     | 33.5  | 30.1  | 45.1  |

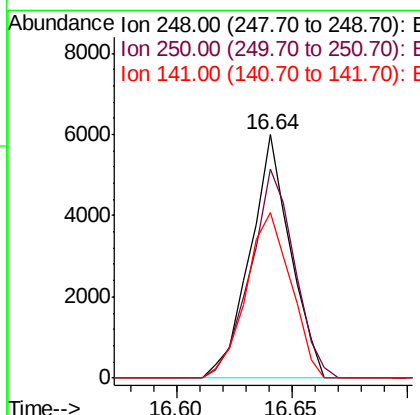
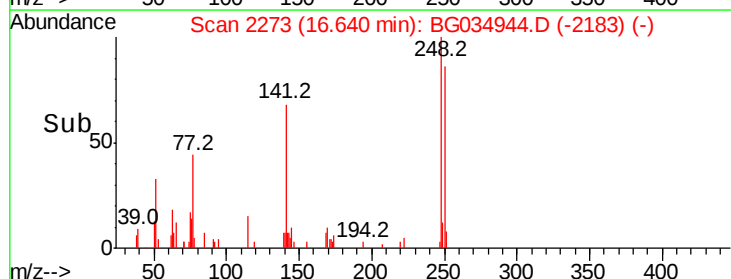
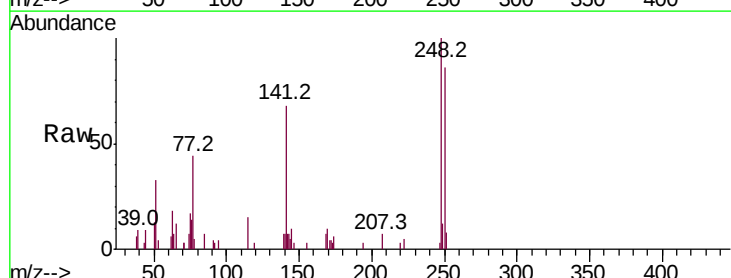
Manual Integrations  
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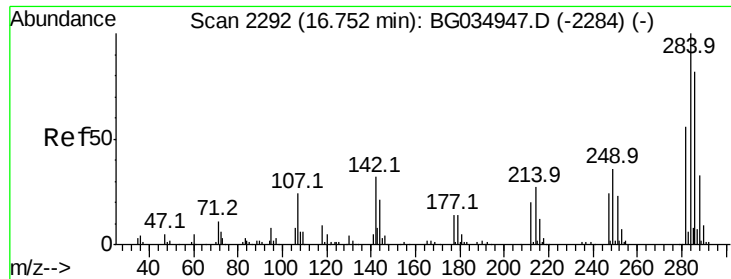
Sohil  
6/8/2018 4:44:29 PM



#66  
4-Bromophenyl-phenylether  
Concen: 2.354 ng  
RT: 16.64 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 85.8  | 77.1  | 115.7 |
| 141     | 67.9  | 50.8  | 76.2  |





#67

Hexachlorobenzene

Concen: 2.217 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

Instrument :

BNA\_G

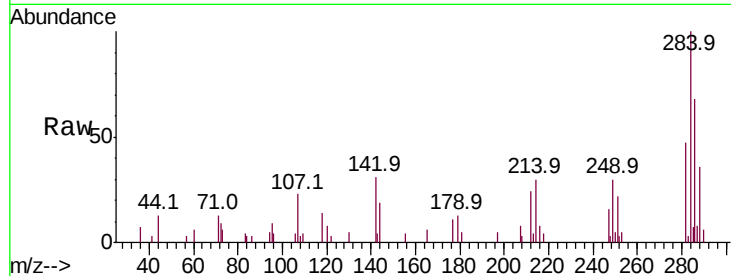
ClientSampleId :

SSTDICC2.5

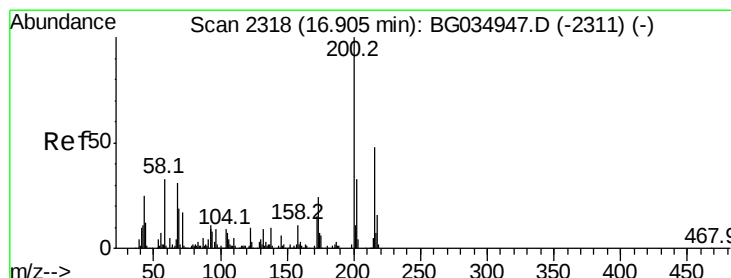
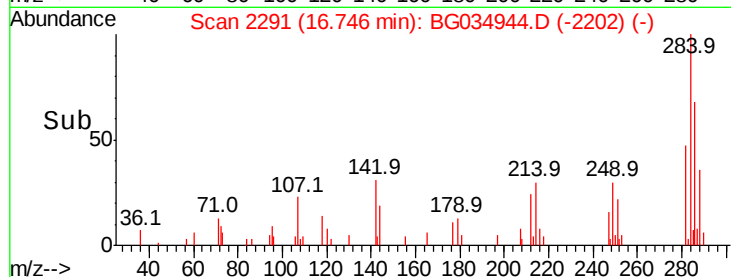
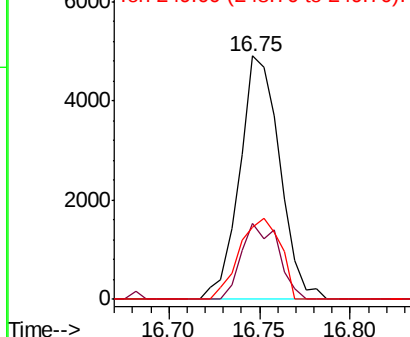
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 284   | Resp: | 7575 |
| Ion Ratio | Lower | Upper |      |
| 284       | 100   |       |      |
| 142       | 31.2  | 26.8  | 40.2 |
| 249       | 29.9  | 26.3  | 39.5 |

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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: 2.416 ng

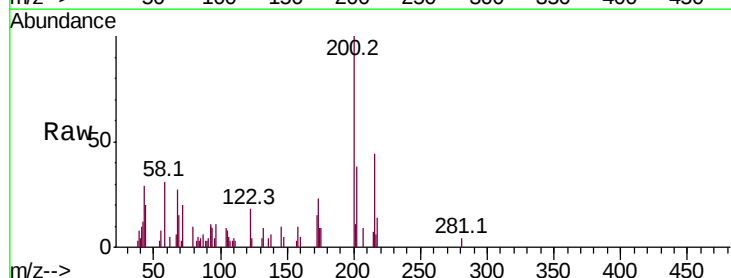
RT: 16.90 min Scan# 2317

Delta R.T. -0.01 min

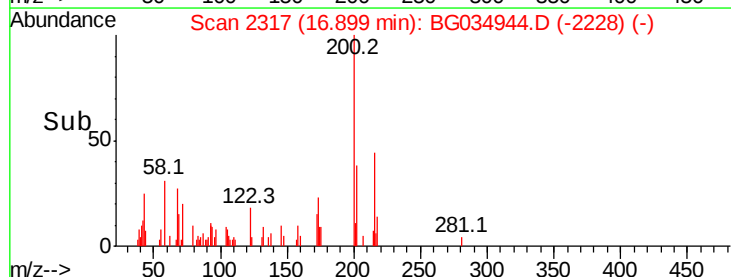
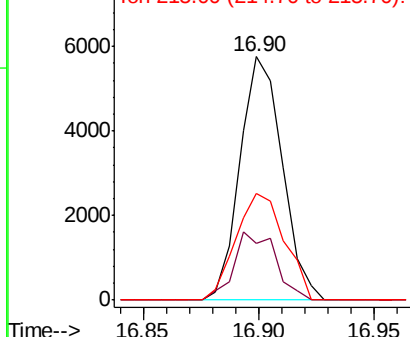
Lab File: BG034944.D

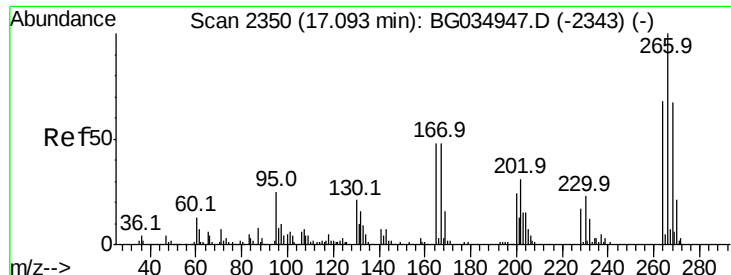
Acq: 7 Jun 2018 8:42

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 7357 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 23.3  | 5.2   | 45.2 |
| 215       | 44.0  | 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





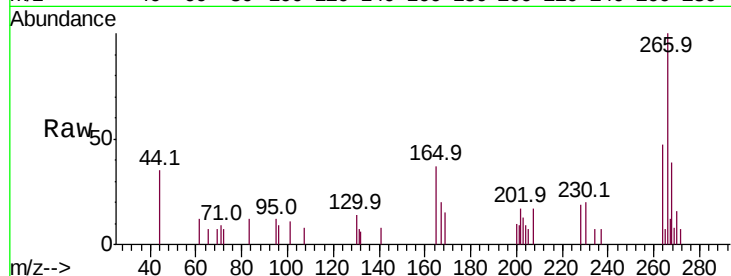
#69  
 Pentachlorophenol  
 Concen: 1.827 ng  
 RT: 17.10 min Scan# 2351  
 Delta R.T. 0.01 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 39.0  | 51.1  | 76.7# |
| 264     | 47.0  | 49.6  | 74.4# |

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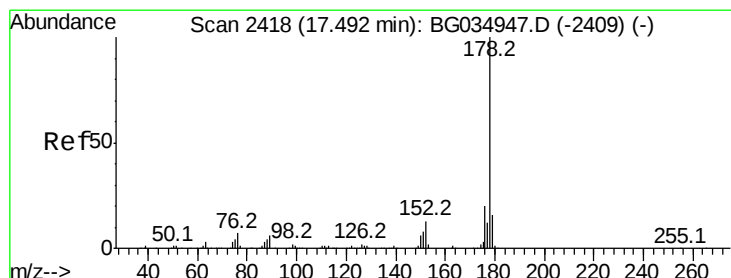
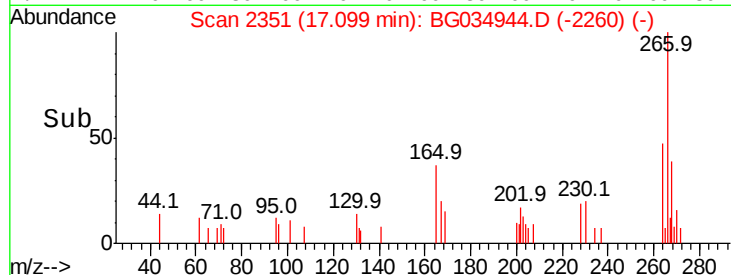
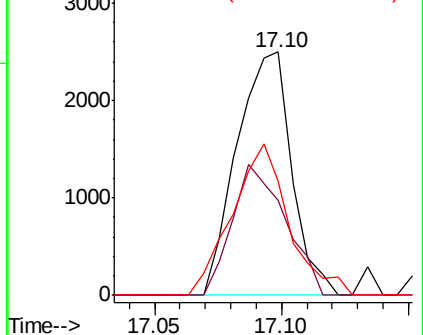


Abundance

Ion 265.70 (265.40 to 266.40): E

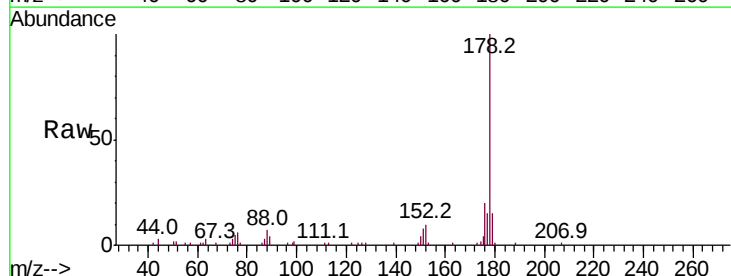
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 2.377 ng  
 RT: 17.49 min Scan# 2418  
 Delta R.T. 0.00 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 15.7  | 23.5  |
| 179     | 14.6  | 12.5  | 18.7  |

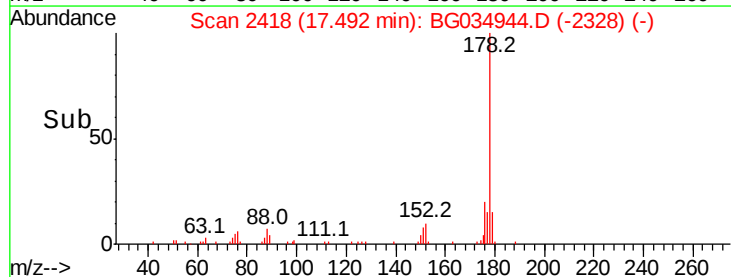
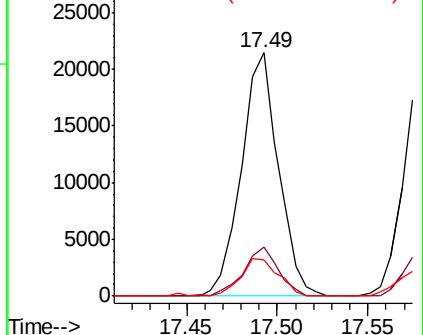


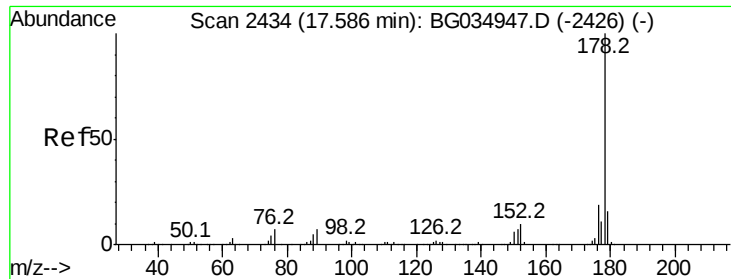
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





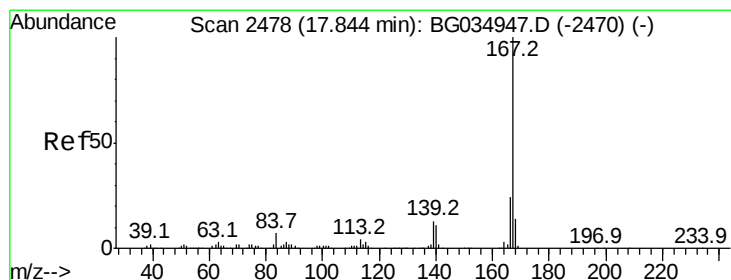
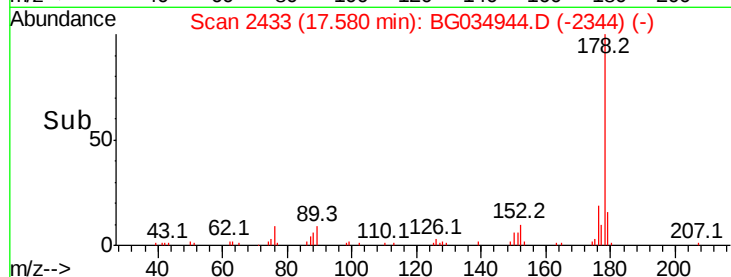
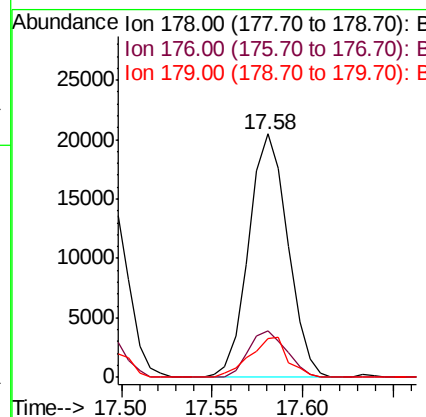
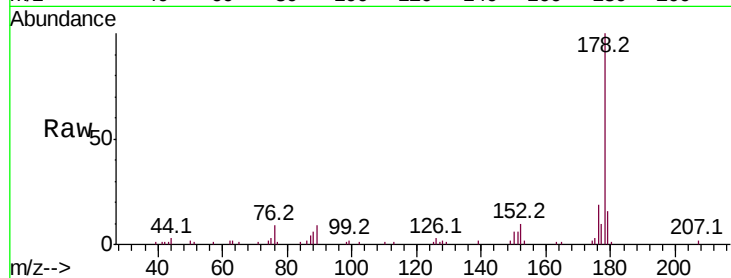
#71  
 Anthracene  
 Concen: 2.369 ng  
 RT: 17.58 min Scan# 2433  
 Delta R.T. -0.01 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 16.0  | 24.0  |
| 179     | 15.8  | 12.5  | 18.7  |

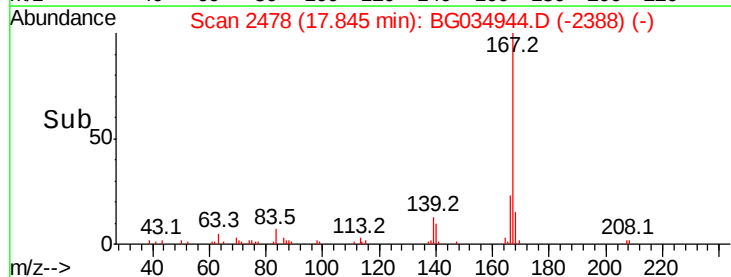
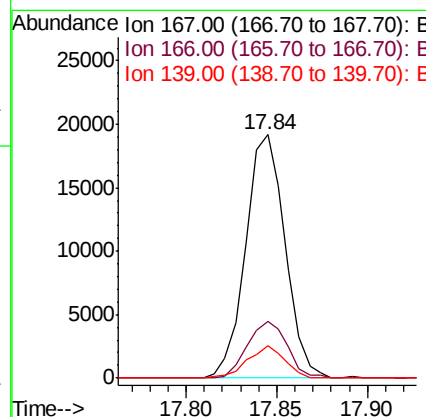
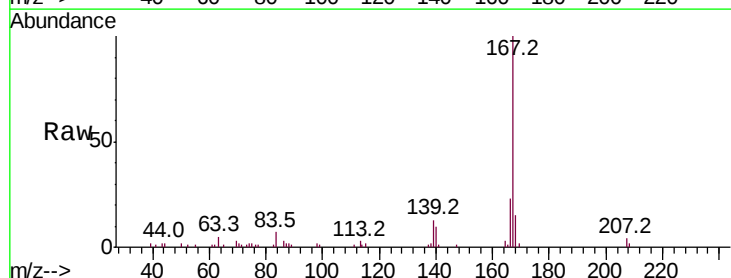
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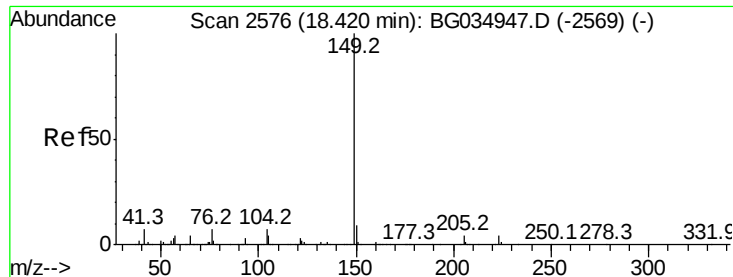
Sohil  
 6/8/2018 4:44:29 PM



#72  
 Carbazole  
 Concen: 2.705 ng  
 RT: 17.84 min Scan# 2478  
 Delta R.T. 0.00 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.3  | 18.2  | 27.4  |
| 139     | 13.1  | 9.4   | 14.2  |





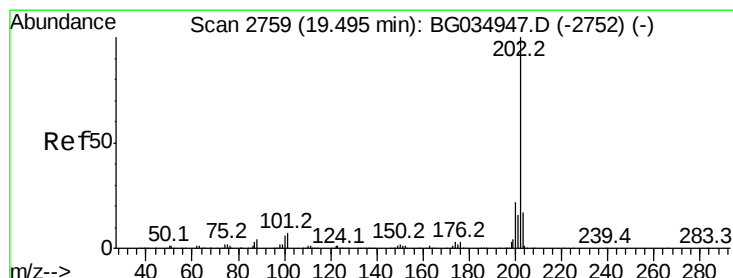
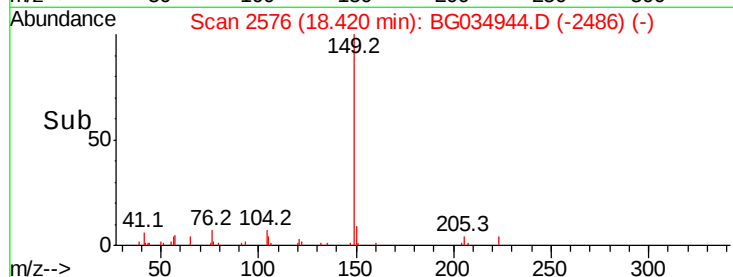
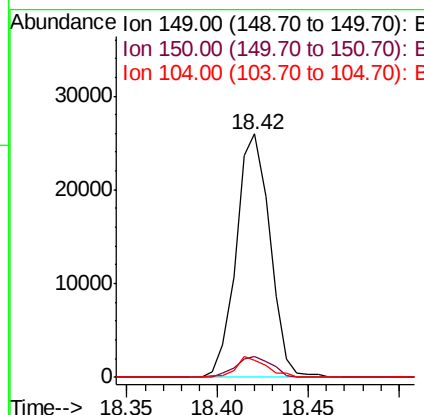
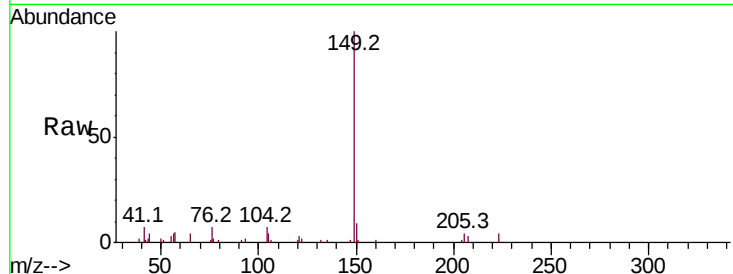
#73  
Di-n-butylphthalate  
Concen: 2.527 ng  
RT: 18.42 min Scan# 2576  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 150     | 8.5   | 7.8        | 11.6  |
| 104     | 7.3   | 3.9        | 5.9   |

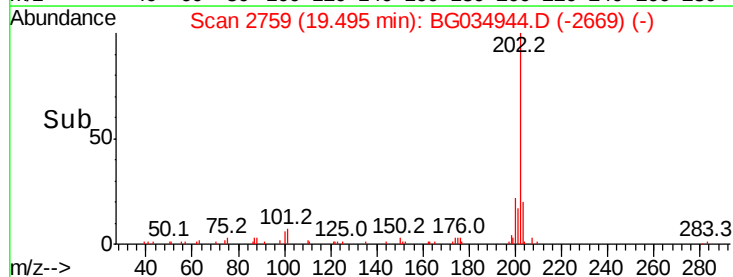
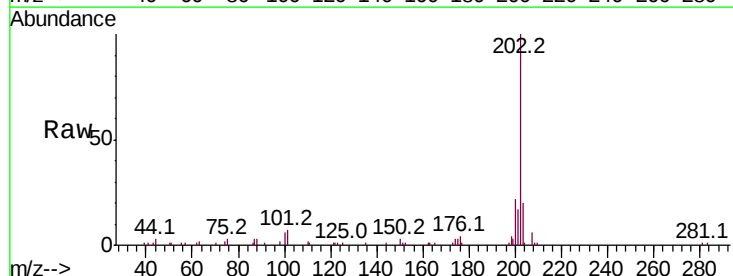
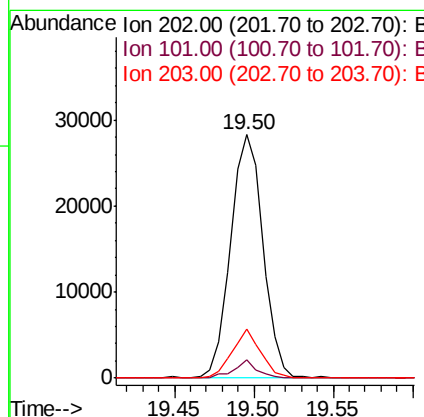
Manual Integrations  
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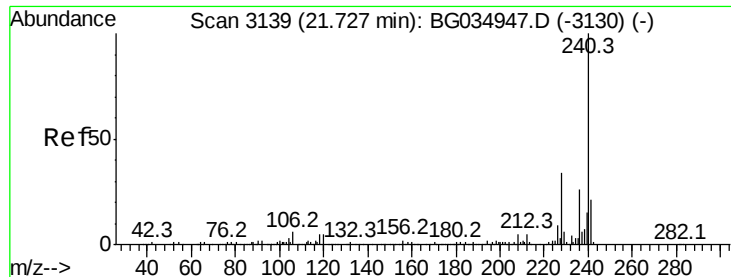
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#74  
Fluoranthene  
Concen: 2.540 ng  
RT: 19.50 min Scan# 2759  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 7.3   | 0.0        | 28.9  |
| 203     | 20.1  | 0.0        | 37.5  |





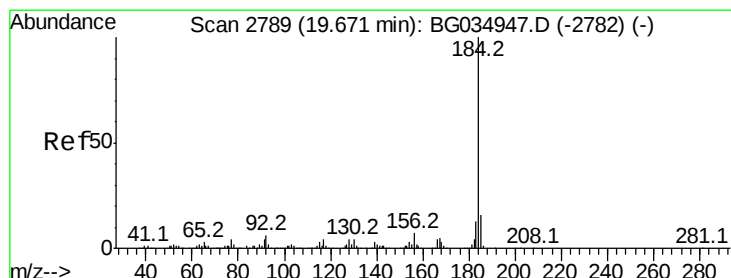
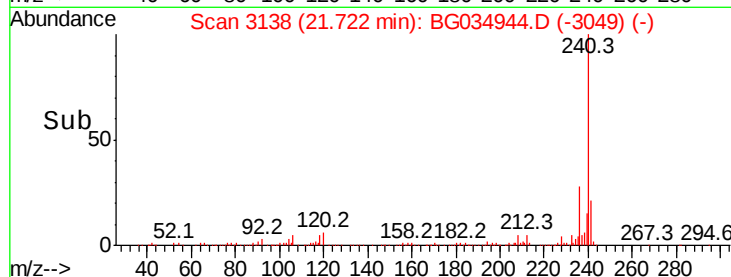
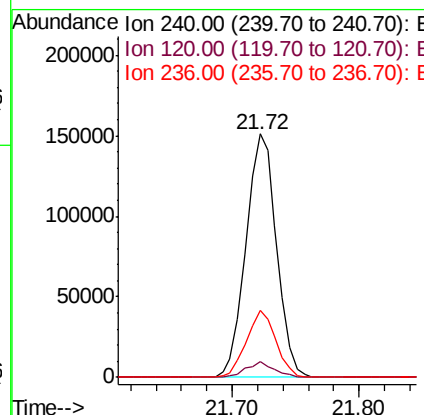
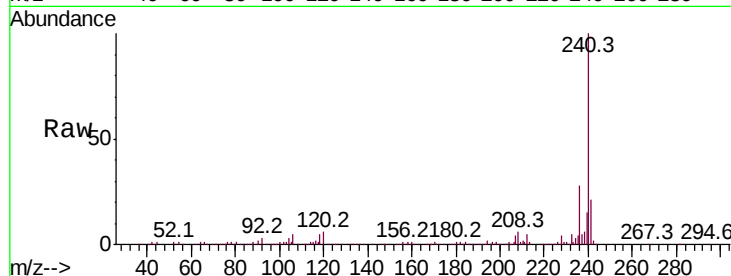
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.72 min Scan# 3138  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 240     | 100   |            |            |
| 120     | 6.3   | 6.8        | 10.2#      |
| 236     | 27.6  | 20.9       | 31.3       |

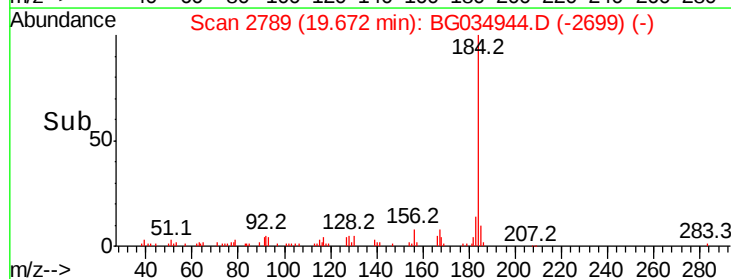
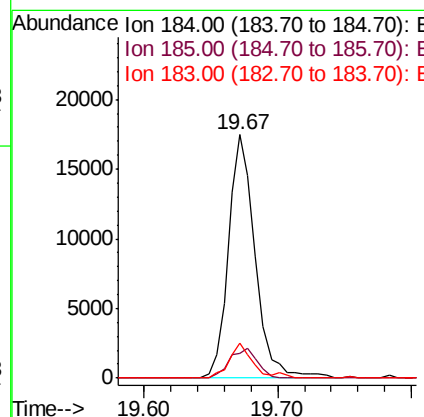
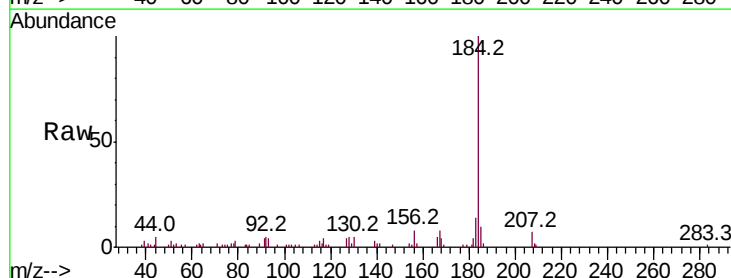
Manual Integrations  
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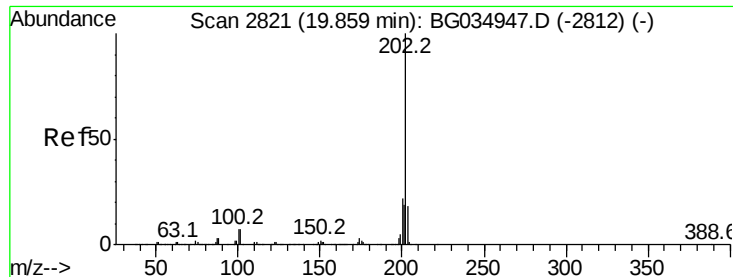
Sohil  
6/8/2018 4:44:29 PM



#76  
Benzidine  
Concen: 3.844 ng  
RT: 19.67 min Scan# 2789  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 184     | 100   |            |            |
| 185     | 10.2  | 11.1       | 16.7#      |
| 183     | 14.3  | 10.6       | 16.0       |





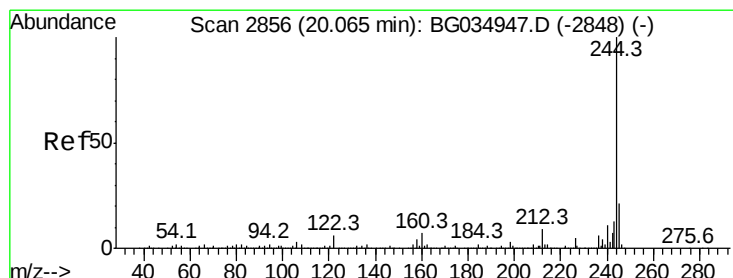
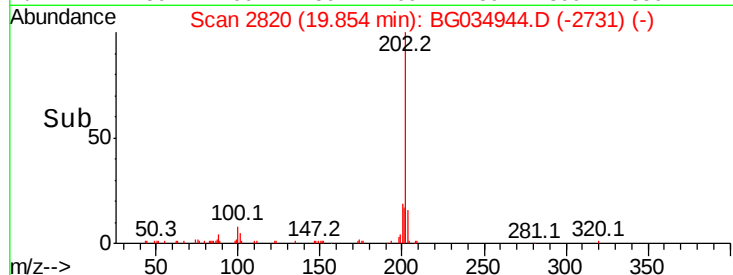
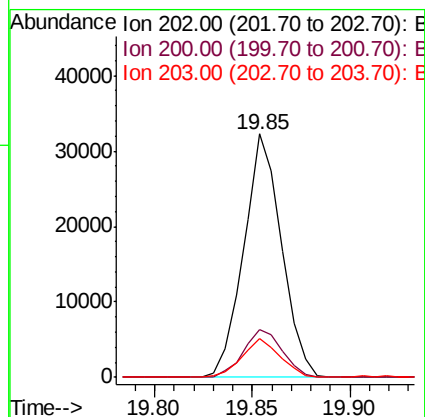
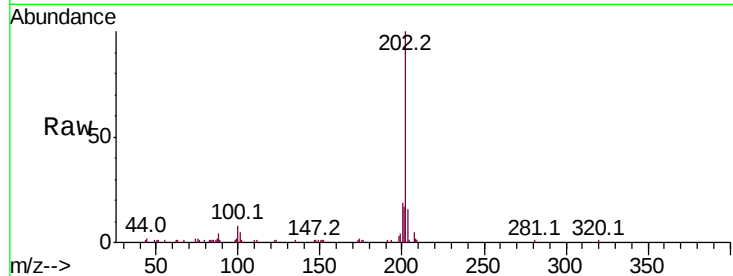
#77  
Pvrene  
Concen: 2.741 ng  
RT: 19.85 min Scan# 2820  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 202   | Resp: | 43204 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 19.5  | 16.9  | 25.3  |
| 203       | 16.0  | 13.9  | 20.9  |

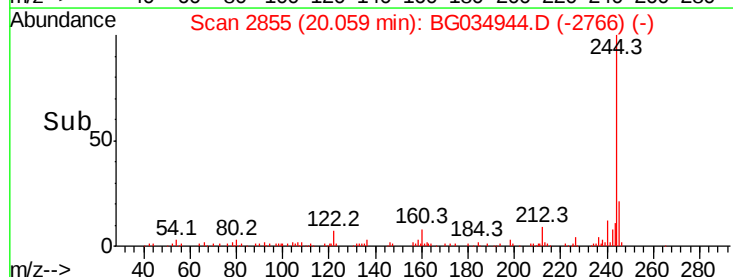
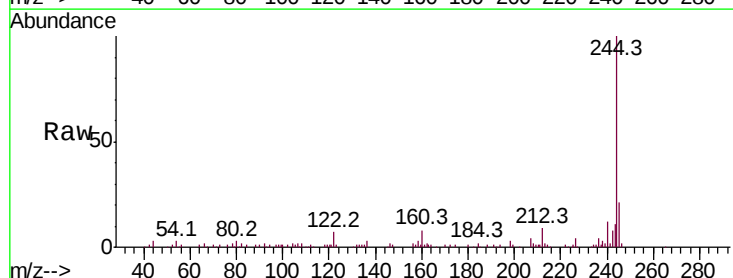
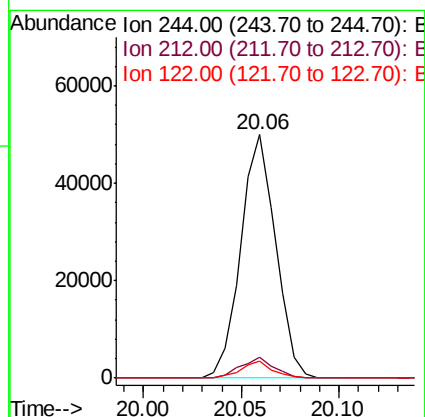
Manual Integrations  
APPROVED

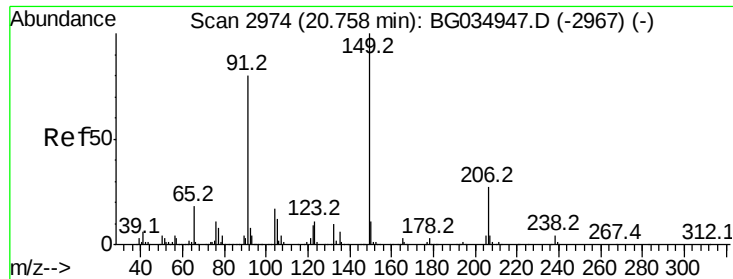
Sohil  
6/8/2018 4:44:29 PM



#78  
Terphenyl-d14  
Concen: 5.381 ng  
RT: 20.06 min Scan# 2855  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 61773 |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 8.5   | 5.8   | 8.8   |
| 122       | 6.8   | 7.0   | 10.4# |





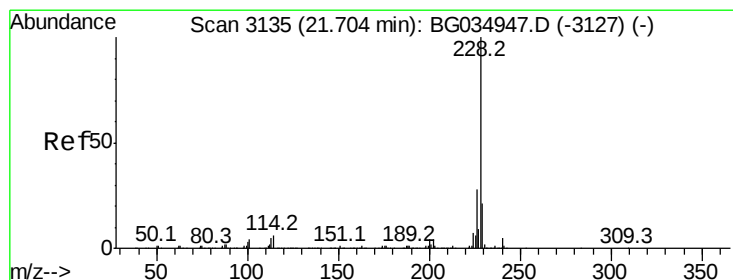
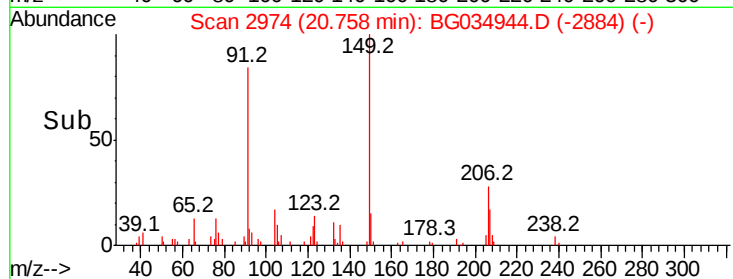
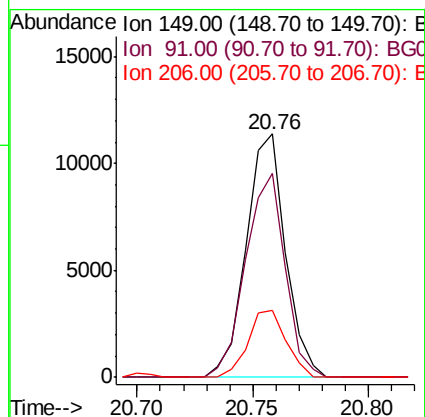
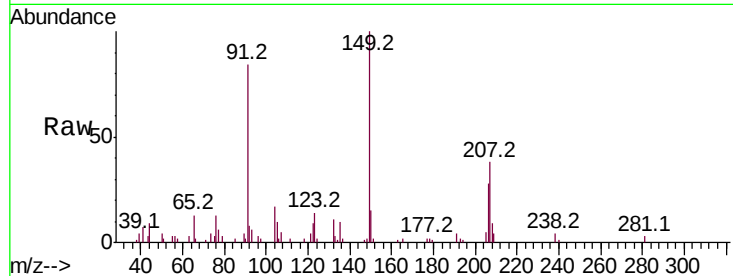
#79  
Butylbenzylphthalate  
Concen: 2.229 ng  
RT: 20.76 min Scan# 2974  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampled :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 83.9  | 62.2  | 93.2  |
| 206     | 27.6  | 18.6  | 27.8  |

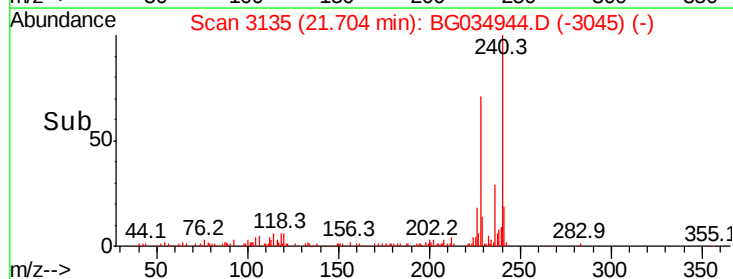
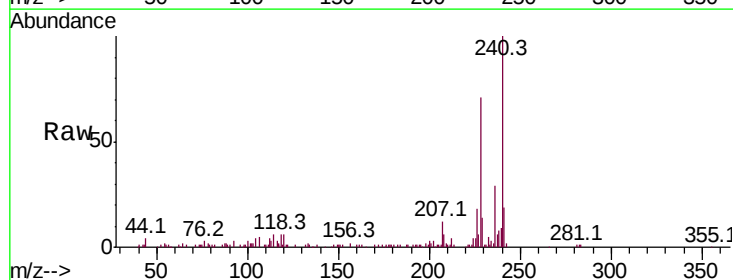
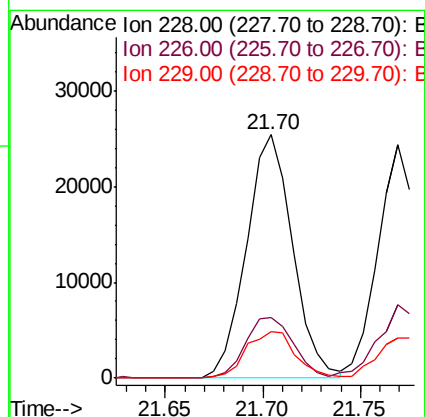
Manual Integrations  
APPROVED

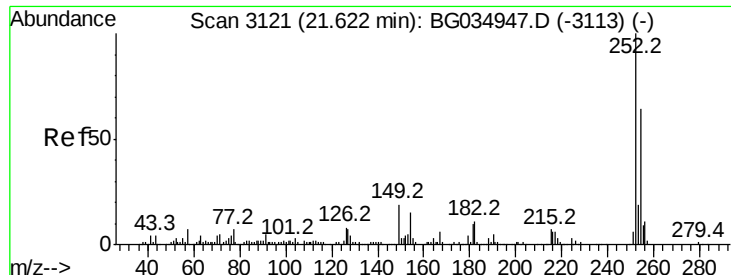
Sohil  
6/8/2018 4:44:29 PM



#80  
Benzo(a)anthracene  
Concen: 2.543 ng  
RT: 21.70 min Scan# 3135  
Delta R.T. 0.00 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 24.8  | 22.7  | 34.1  |
| 229     | 19.2  | 16.2  | 24.2  |





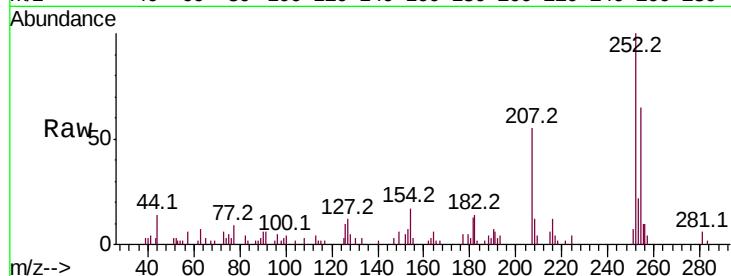
#81  
 3,3'-Dichlorobenzidine  
 Concen: 2.165 ng  
 RT: 21.62 min Scan# 3120  
 Delta R.T. -0.01 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.2  | 50.8  | 76.2  |
| 126     | 10.1  | 7.4   | 11.2  |

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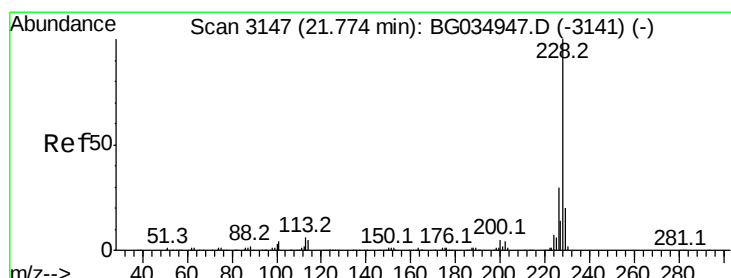
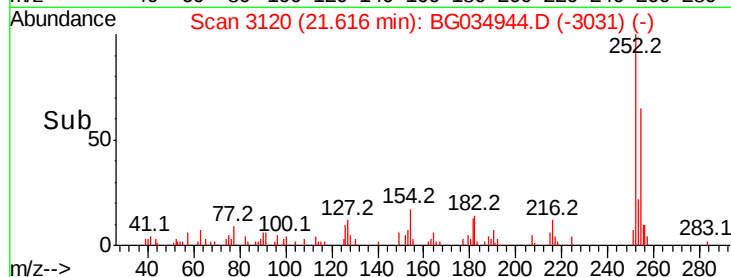
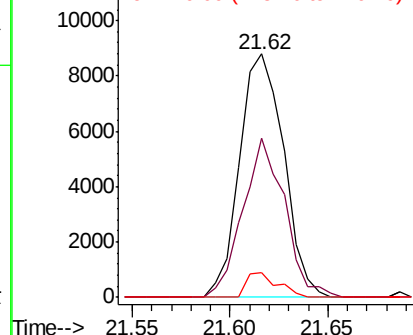


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82  
 Chrysene  
 Concen: 2.466 ng  
 RT: 21.77 min Scan# 3146  
 Delta R.T. -0.01 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

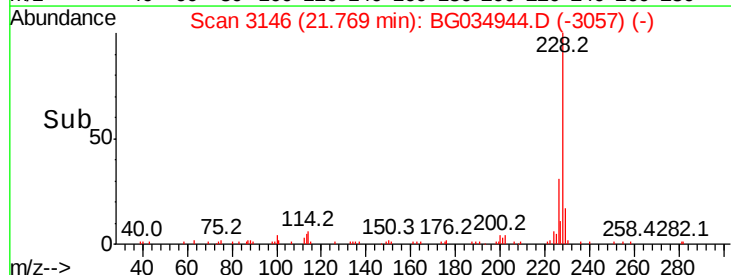
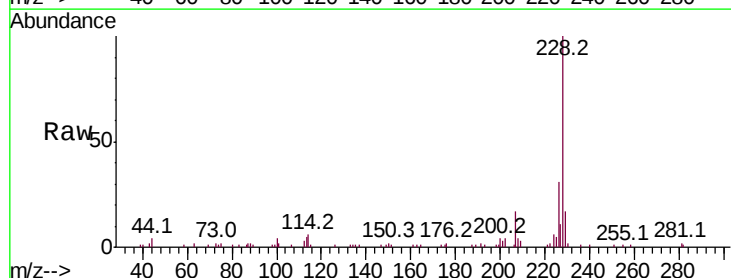
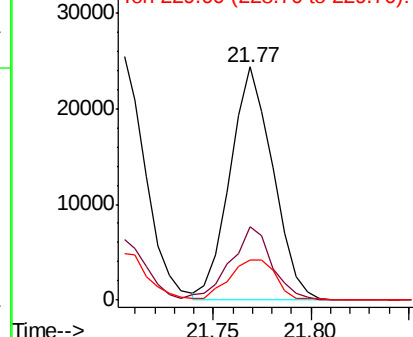
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.3  | 24.9  | 37.3  |
| 229     | 17.2  | 15.0  | 22.4  |

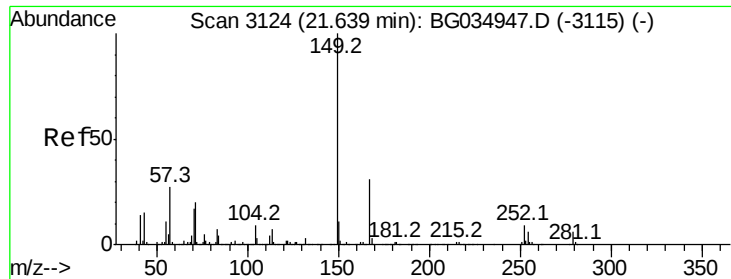
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





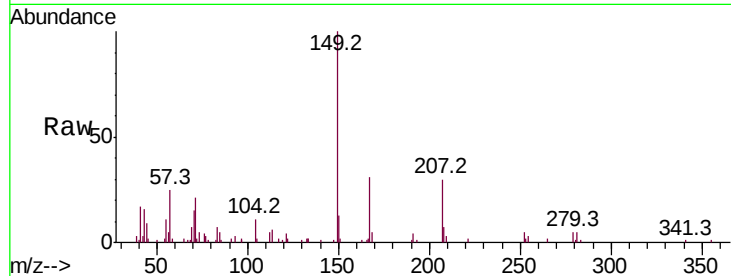
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.400 ng  
 RT: 21.64 min Scan# 3124  
 Delta R.T. 0.00 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 31.3  | 24.3  | 36.5  |
| 279     | 4.6   | 4.0   | 6.0   |

Manual Integrations  
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Abundance

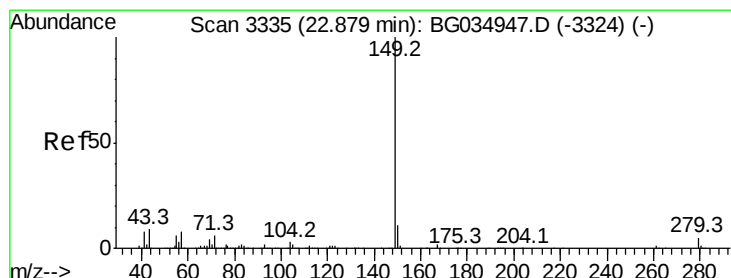
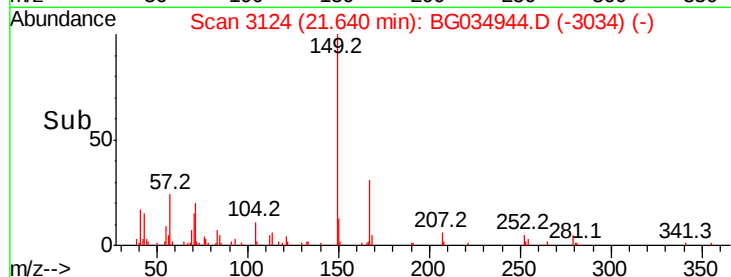
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

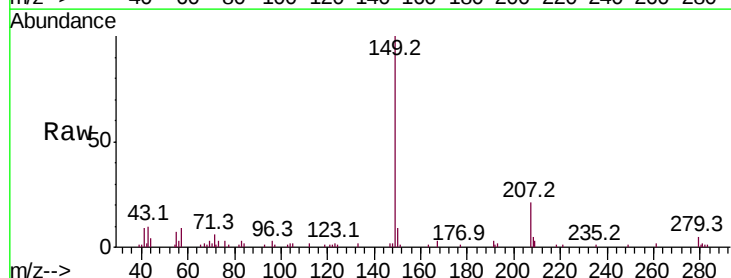
21.64

Time-->



#84  
 Di-n-octyl phthalate  
 Concen: 2.431 ng  
 RT: 22.88 min Scan# 3335  
 Delta R.T. 0.00 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.4   | 2.0   |
| 43      | 12.0  | 8.9   | 13.3  |



Abundance

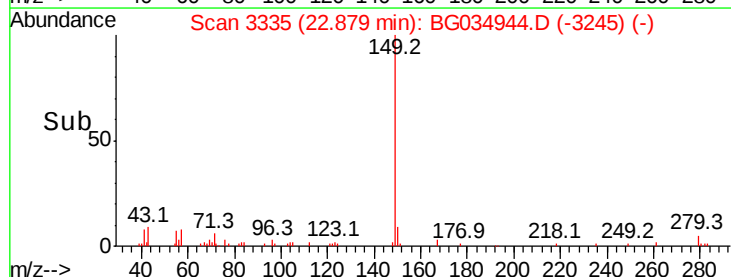
Ion 149.00 (148.70 to 149.70): E

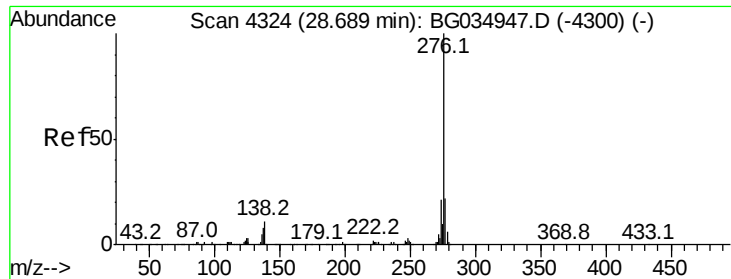
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.88

Time-->





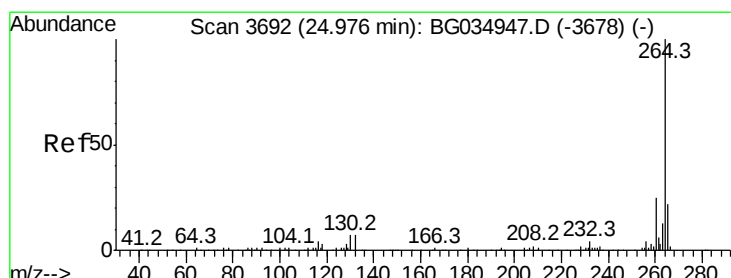
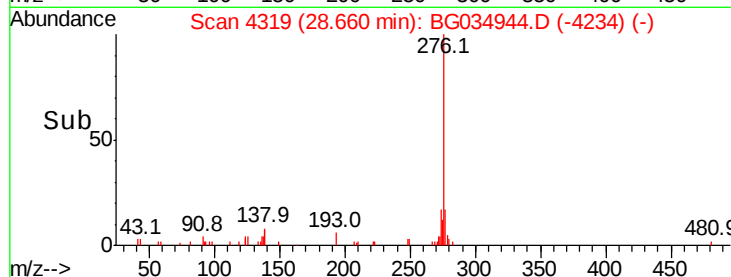
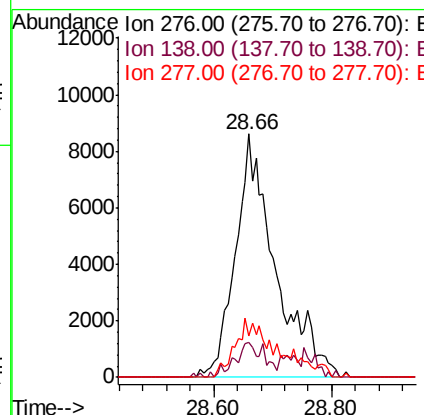
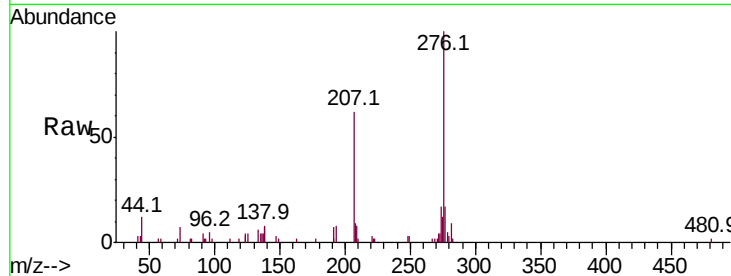
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.091 ng/ml  
 RT: 28.66 min Scan# 4319  
 Delta R.T. -0.03 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 8.0   | 16.0  | 24.0# |
| 277     | 8.7   | 20.0  | 30.0# |

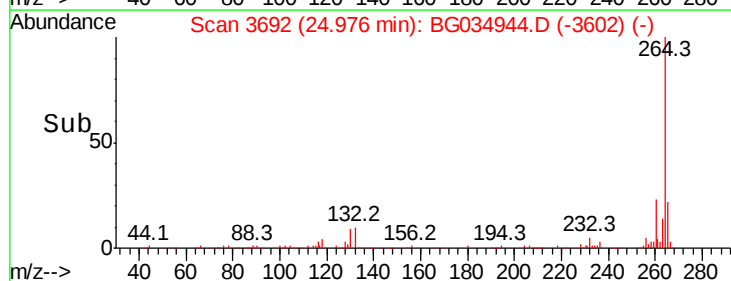
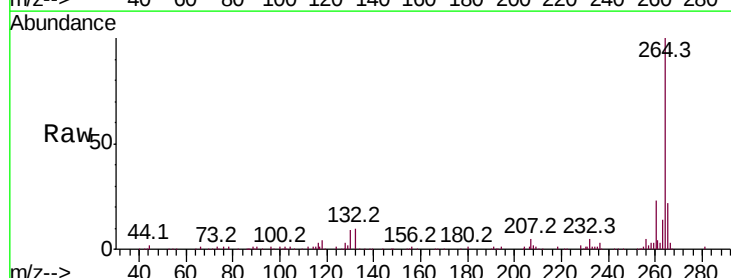
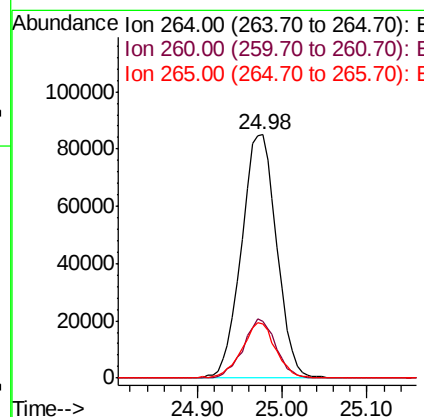
Manual Integrations  
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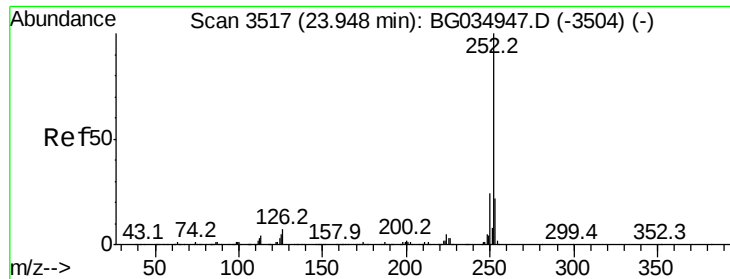
Sohil  
 6/8/2018 4:44:29 PM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.98 min Scan# 3692  
 Delta R.T. 0.00 min  
 Lab File: BG034944.D  
 Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 17.4  | 26.0  |
| 265     | 22.0  | 17.7  | 26.5  |





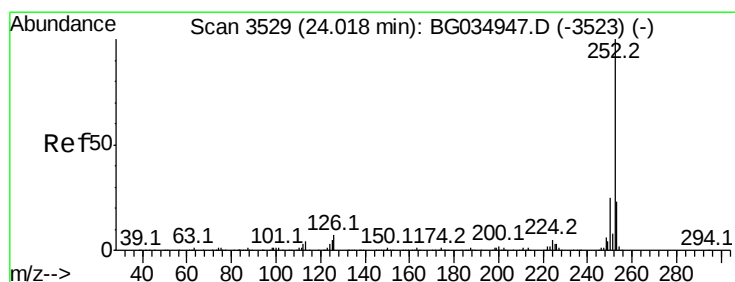
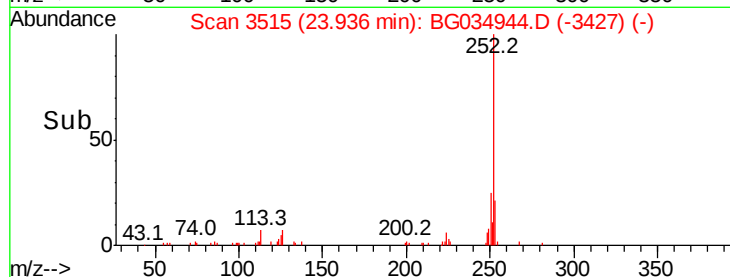
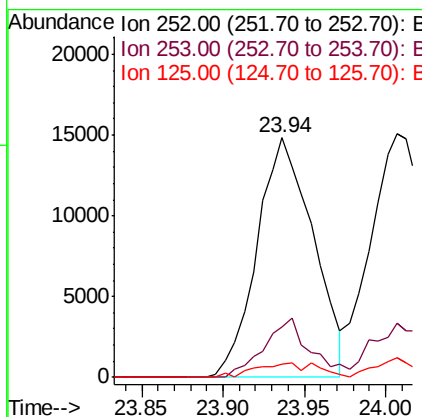
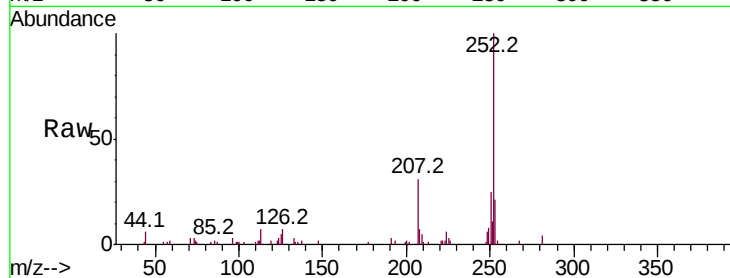
#87  
Benzo(b)fluoranthene  
Concen: 2.295 ng m  
RT: 23.94 min Scan# 3515  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 18.2  | 27.4  |
| 125     | 5.5   | 7.2   | 10.8  |

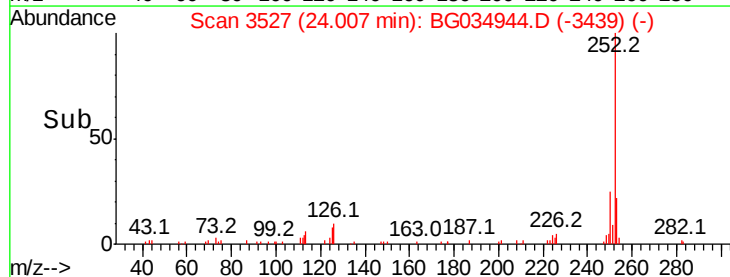
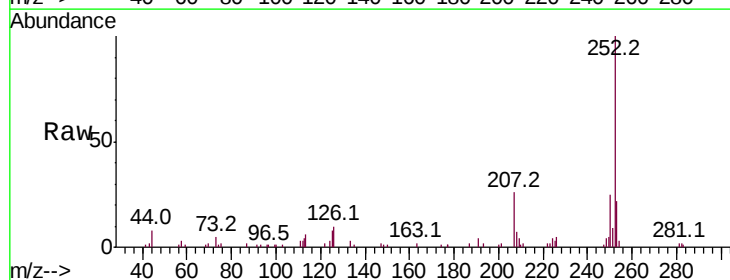
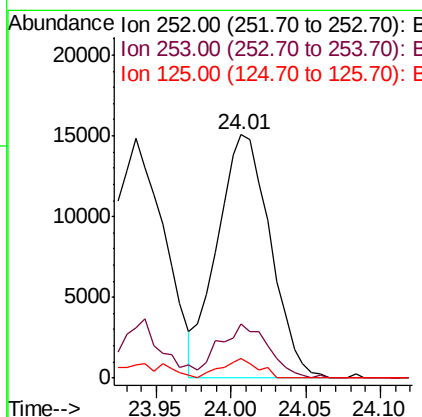
Manual Integrations  
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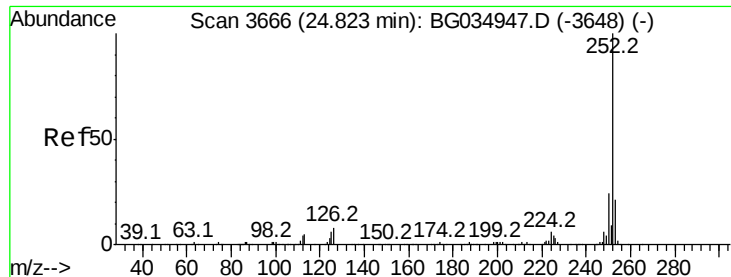
Sohil  
6/8/2018 4:44:29 PM



#88  
Benzo(k)fluoranthene  
Concen: 2.530 ng  
RT: 24.01 min Scan# 3527  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.4  | 26.2  |
| 125     | 7.9   | 6.6   | 9.8   |





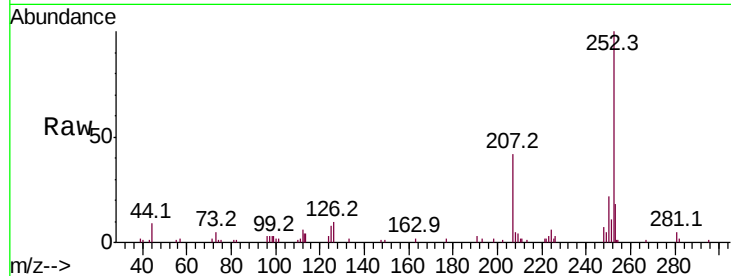
#89  
Benzo(a)pyrene  
Concen: 2.260 ng  
RT: 24.82 min Scan# 3665  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 18.2  | 18.3  | 27.5# |
| 125     | 7.7   | 7.3   | 10.9  |

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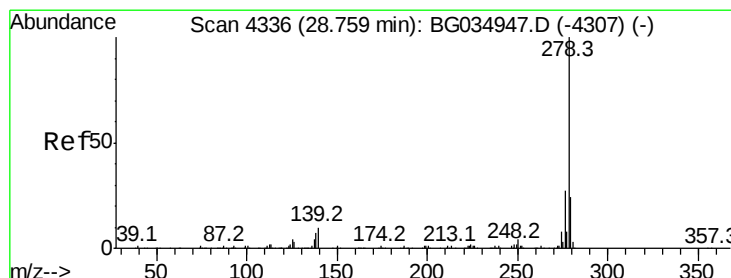
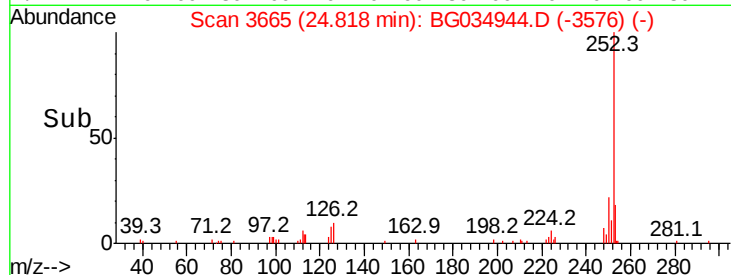
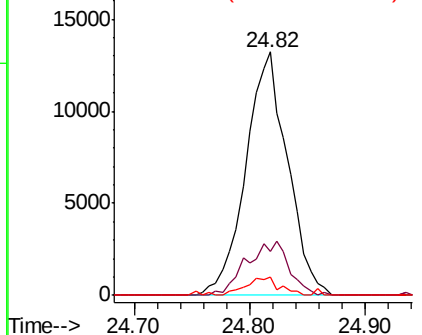


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90  
Dibenzo(a,h)anthracene  
Concen: 2.343 ng  
RT: 28.75 min Scan# 4335  
Delta R.T. -0.01 min  
Lab File: BG034944.D  
Acq: 7 Jun 2018 8:42

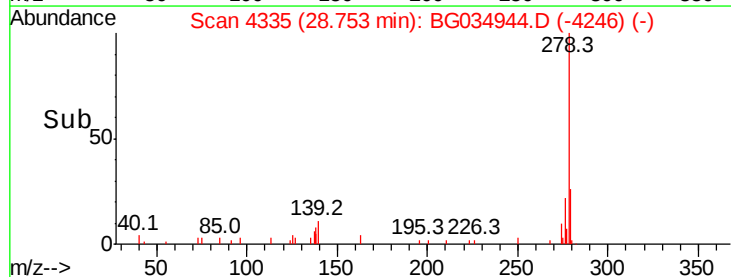
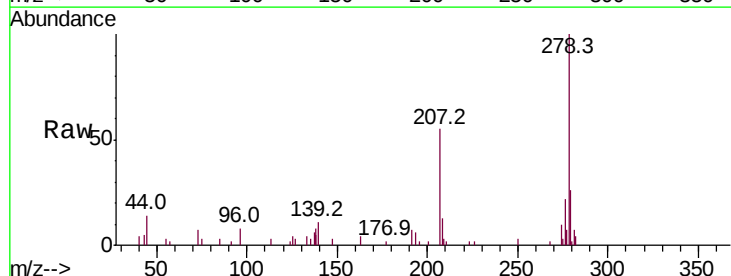
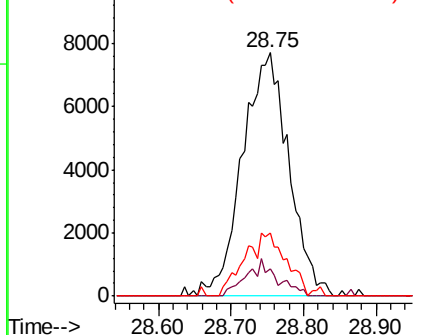
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.3  | 9.8   | 14.6  |
| 279     | 25.8  | 18.4  | 27.6  |

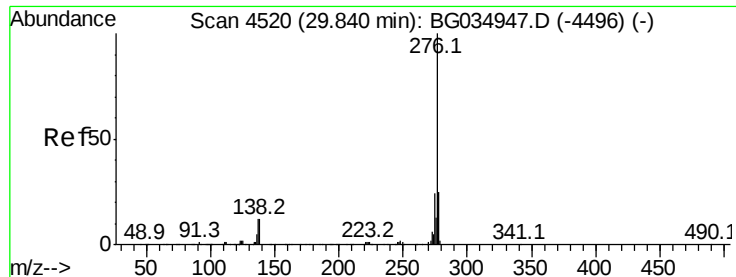
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.176 ng/mL

RT: 29.82 min Scan# 4516

Delta R.T. -0.02 min

Lab File: BG034944.D

Acq: 7 Jun 2018 8:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 276   | Resp: | 31930 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 27.4  | 18.3  | 27.5  |
| 138       | 15.9  | 13.9  | 20.9  |

Manual Integrations  
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