

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\  
 Data File : BG033685.D  
 Acq On : 9 Apr 2018 17:54  
 Operator : SJ/JU  
 Sample : J2282-01MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-L-6(20-22)MS

Manual Integrations  
 APPROVED

Sohil  
 4/10/2018 3:36:37 PM

Quant Time: Apr 10 07:08:48 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 05 17:36:07 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.86  | 152  | 42638    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.74 | 136  | 175453   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.48 | 164  | 123353   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 18.21 | 188  | 314244   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.55 | 240  | 317668   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 26.31 | 264  | 346863   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 6.28  | 112 | 395115  | 173.76 | ng | 0.00 |
| 7) Phenol-d6             | 7.98  | 99  | 596738  | 152.74 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 10.06 | 82  | 393577  | 103.06 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.95 | 330 | 267832  | 145.18 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 14.10 | 172 | 822588  | 96.27  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.73 | 244 | 1343851 | 90.47  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.92  | 88  | 48247  | 41.781 | ng | 91     |
| 3) Pyridine                    | 4.39  | 79  | 140849 | 44.123 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 4.29  | 42  | 75342  | 57.513 | ng | # 88   |
| 6) Aniline                     | 8.15  | 93  | 132846 | 28.914 | ng | # 87   |
| 8) 2-Chlorophenol              | 8.41  | 128 | 137732 | 52.983 | ng | 93     |
| 9) Benzaldehyde                | 7.96  | 77  | 40023  | 16.119 | ng | # 80   |
| 10) Phenol                     | 8.01  | 94  | 215802 | 55.945 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 8.24  | 93  | 136003 | 43.195 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 8.75  | 146 | 147318 | 43.347 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.89  | 146 | 147110 | 43.221 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 9.22  | 146 | 149142 | 44.896 | ng | 96     |
| 15) Benzyl Alcohol             | 9.09  | 79  | 155615 | 50.588 | ng | 89     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.38  | 45  | 259450 | 50.547 | ng | 90     |
| 17) 2-Methylphenol             | 9.30  | 107 | 130116 | 49.515 | ng | # 87   |
| 18) Hexachloroethane           | 9.97  | 117 | 59360  | 45.187 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 9.67  | 70  | 129693 | 45.301 | ng | 97     |
| 20) 3+4-Methylphenols          | 9.63  | 107 | 183444 | 49.030 | ng | 87     |
| 22) Acetophenone               | 9.70  | 105 | 235199 | 48.930 | ng | # 95   |
| 24) Nitrobenzene               | 10.10 | 77  | 198748 | 48.623 | ng | # 94   |
| 25) Isophorone                 | 10.62 | 82  | 383050 | 51.681 | ng | 98     |
| 26) 2-Nitrophenol              | 10.83 | 139 | 82217  | 53.128 | ng | # 88   |
| 27) 2,4-Dimethylphenol         | 10.86 | 122 | 138668 | 61.682 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 11.10 | 93  | 196927 | 53.251 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 11.37 | 162 | 145773 | 52.726 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 11.59 | 180 | 157830 | 43.939 | ng | 98     |
| 31) Naphthalene                | 11.79 | 128 | 435837 | 47.936 | ng | 98     |
| 32) Benzoic acid               | 10.96 | 122 | 10426m | 4.989  | ng |        |
| 33) 4-Chloroaniline            | 11.89 | 127 | 94024  | 23.082 | ng | # 92   |
| 34) Hexachlorobutadiene        | 12.05 | 225 | 113664 | 41.844 | ng | 96     |
| 35) Caprolactam                | 12.64 | 113 | 57962  | 53.514 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.96 | 107 | 191537 | 53.118 | ng | 97     |
| 37) 2-Methylnaphthalene        | 13.34 | 142 | 334774 | 47.439 | ng | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.70 | 216 | 207694 | 46.483 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 13.67 | 237 | 218068 | 83.253 | ng | 96     |

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Instrument :  
 BNA\_G  
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 EPE-L-6(20-22)MS

Manual Integrations  
 APPROVED

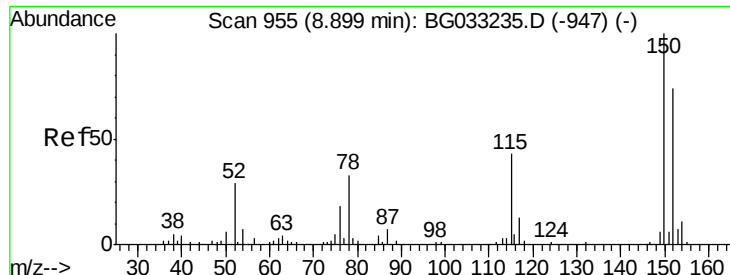
Sohil  
 4/10/2018 3:36:37 PM

Quant Time: Apr 10 07:08:48 2018  
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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.92 | 196  | 134602   | 51.849  | nq    | 93       |
| 43) 2,4,5-Trichlorophenol      | 14.00 | 196  | 158202   | 51.557  | nq    | 97       |
| 45) 1,1'-Biphenyl              | 14.32 | 154  | 460649   | 48.607  | nq    | 97       |
| 46) 2-Chloronaphthalene        | 14.37 | 162  | 348103   | 47.638  | nq    | 96       |
| 47) 2-Nitroaniline             | 14.57 | 65   | 151035   | 55.184  | nq    | 89       |
| 48) Acenaphthylene             | 15.21 | 152  | 579350   | 47.499  | nq    | 99       |
| 49) Dimethylphthalate          | 14.90 | 163  | 611522   | 56.965  | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 15.03 | 165  | 109462   | 49.868  | nq    | 92       |
| 51) Acenaphthene               | 15.54 | 154  | 385662   | 49.049  | nq    | 98       |
| 52) 3-Nitroaniline             | 15.37 | 138  | 73345    | 31.872  | nq    | # 97     |
| 53) 2,4-Dinitrophenol          | 15.57 | 184  | 52558    | 49.463  | nq    | # 79     |
| 54) Dibenzofuran               | 15.87 | 168  | 569360   | 49.023  | nq    | 92       |
| 55) 4-Nitrophenol              | 15.66 | 139  | 184772   | 114.185 | nq    | # 83     |
| 56) 2,4-Dinitrotoluene         | 15.81 | 165  | 163826   | 50.690  | nq    | 98       |
| 57) Fluorene                   | 16.51 | 166  | 479820   | 48.494  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 16.08 | 232  | 148248   | 51.319  | nq    | 97       |
| 59) Diethylphthalate           | 16.24 | 149  | 514078   | 49.317  | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 16.48 | 204  | 263165   | 46.268  | nq    | 99       |
| 61) 4-Nitroaniline             | 16.53 | 138  | 116068   | 49.806  | nq    | 89       |
| 62) Azobenzene                 | 16.78 | 77   | 520531   | 51.550  | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 16.57 | 198  | 81001    | 43.088  | nq    | 98       |
| 65) n-Nitrosodiphenylamine     | 16.70 | 169  | 440004   | 49.046  | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 17.38 | 248  | 171476   | 46.464  | nq    | # 86     |
| 67) Hexachlorobenzene          | 17.51 | 284  | 175747   | 45.123  | nq    | # 87     |
| 68) Atrazine                   | 17.62 | 200  | 190013   | 52.269  | nq    | 95       |
| 69) Pentachlorophenol          | 17.85 | 266  | 215916   | 80.770  | nq    | 99       |
| 70) Phenanthrene               | 18.25 | 178  | 789051   | 48.213  | nq    | 98       |
| 71) Anthracene                 | 18.34 | 178  | 820573   | 49.519  | nq    | 99       |
| 72) Carbazole                  | 18.60 | 167  | 740447   | 50.425  | nq    | 96       |
| 73) Di-n-butylphthalate        | 19.09 | 149  | 876978   | 51.310  | nq    | # 98     |
| 74) Fluoranthene               | 20.20 | 202  | 991062   | 48.935  | nq    | 98       |
| 76) Benzidine                  | 20.36 | 184  | 438152   | 50.861  | nq    | 100      |
| 77) Pyrene                     | 20.56 | 202  | 983129   | 46.403  | nq    | 99       |
| 79) Butylbenzylphthalate       | 21.41 | 149  | 400144   | 51.180  | nq    | 99       |
| 80) Benzo(a)anthracene         | 22.53 | 228  | 961776   | 47.547  | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 22.42 | 252  | 205929   | 28.609  | nq    | 99       |
| 82) Chrysene                   | 22.61 | 228  | 922267   | 47.101  | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 22.35 | 149  | 557903   | 51.765  | nq    | 98       |
| 84) Di-n-octyl phthalate       | 23.74 | 149  | 967069   | 58.604  | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 30.69 | 276  | 1097899  | 51.861  | nq    | # 70     |
| 87) Benzo(b)fluoranthene       | 25.10 | 252  | 945894   | 47.200  | nq    | # 98     |
| 88) Benzo(k)fluoranthene       | 25.19 | 252  | 954355   | 47.087  | nq    | 98       |
| 89) Benzo(a)pyrene             | 26.14 | 252  | 945194   | 49.114  | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 30.76 | 278  | 908683   | 50.126  | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 32.06 | 276  | 894594   | 49.835  | nq    | 97       |

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





#1

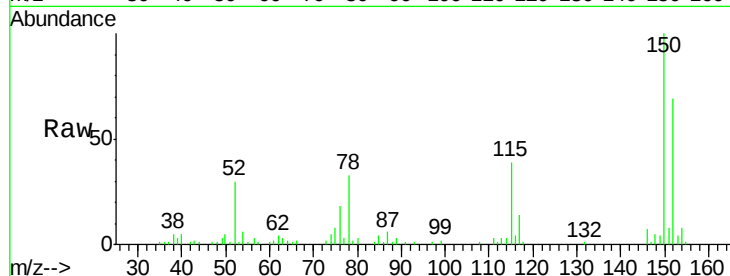
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.86 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 145.5 | 126.6 | 189.8 |
| 115     | 57.5  | 53.0  | 79.4  |

Manual Integrations  
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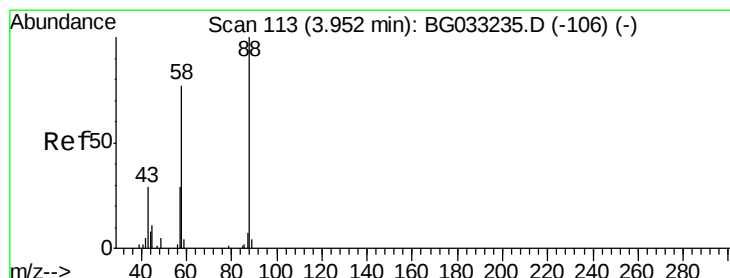
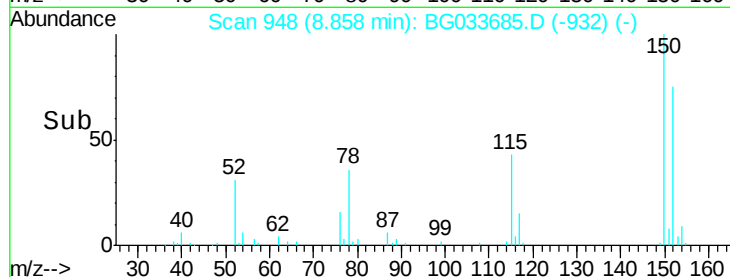
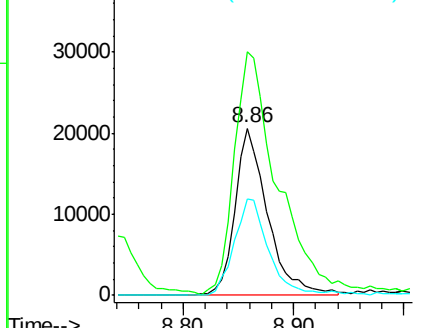


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

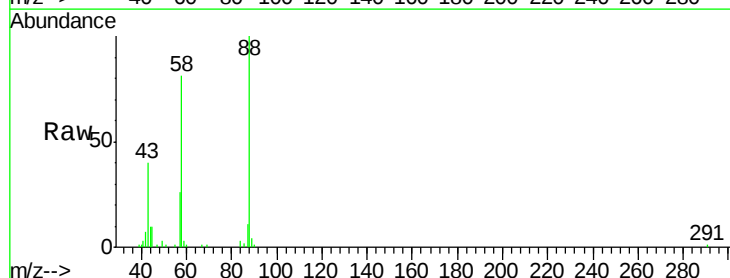
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 41.781 ng  
RT: 3.92 min Scan# 108  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 88.8  | 79.6  | 119.4 |
| 43      | 36.1  | 27.4  | 41.0  |

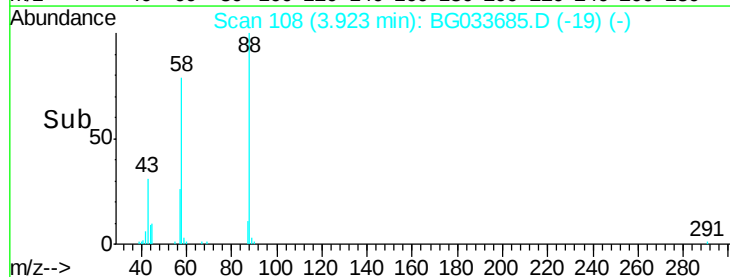
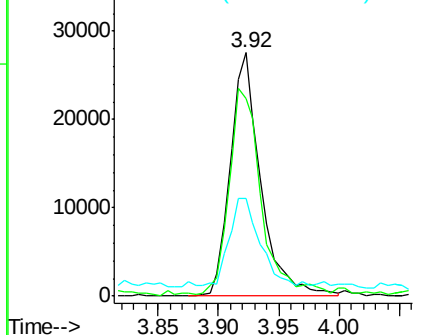


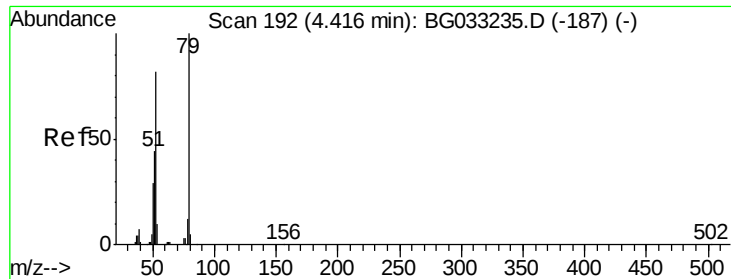
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 44.123 ng

RT: 4.39 min Scan# 187

Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

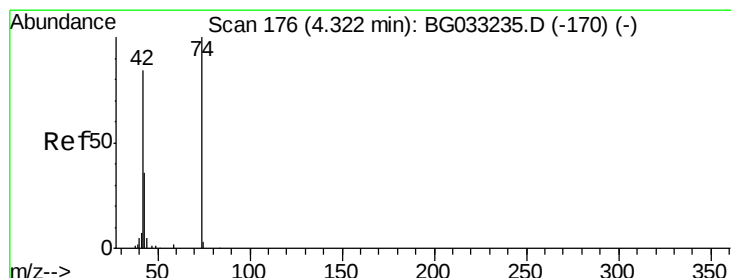
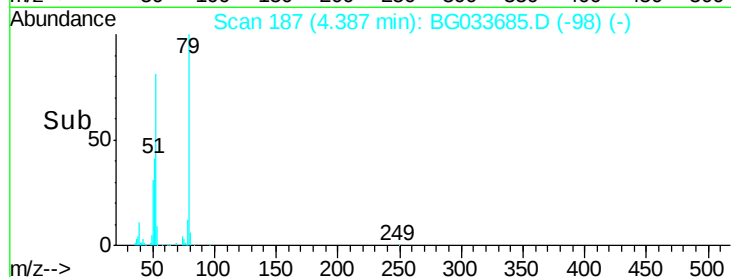
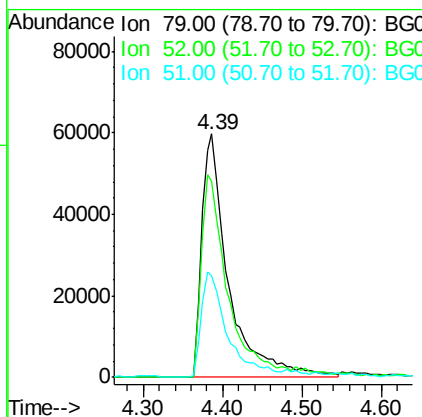
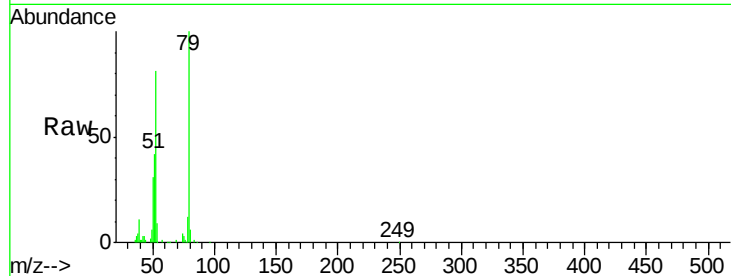
ClientSampleId :

EPE-L-6(20-22)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 140849 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 80.6  | 69.9  | 104.9  |
| 51        | 41.6  | 34.0  | 51.0   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 57.513 ng

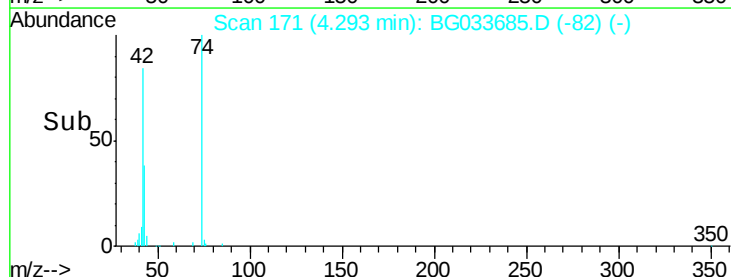
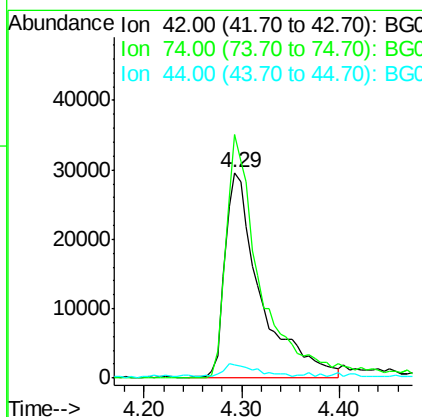
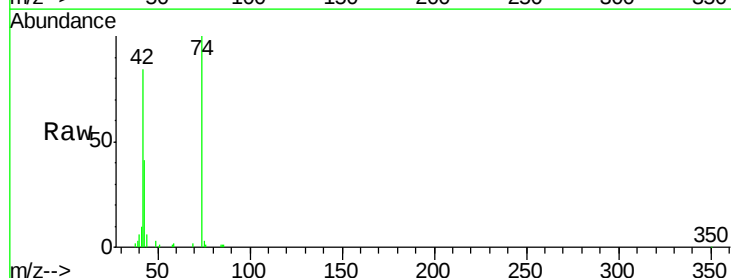
RT: 4.29 min Scan# 171

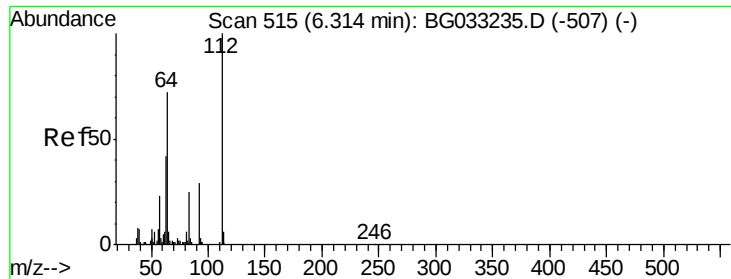
Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 75342 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 118.4 | 102.5 | 153.7 |
| 44        | 6.7   | 18.9  | 28.3# |





#5

2-Fluorophenol

Concen: 173.762 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

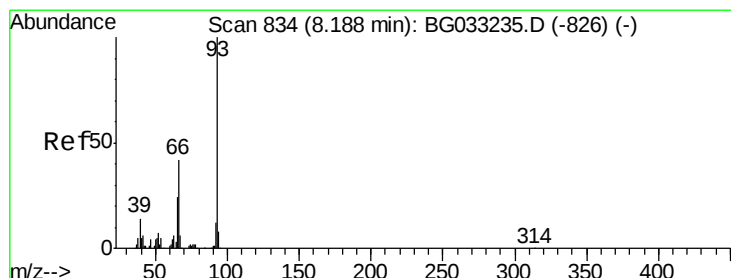
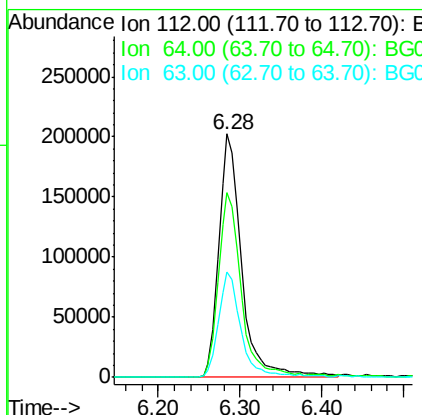
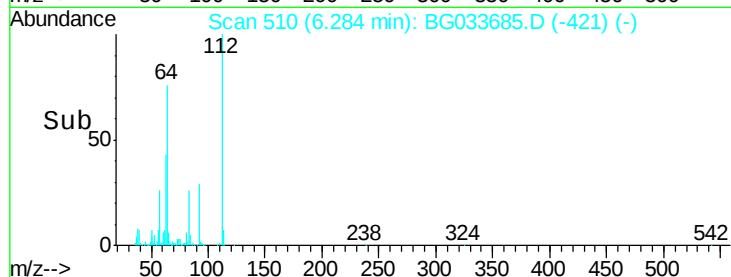
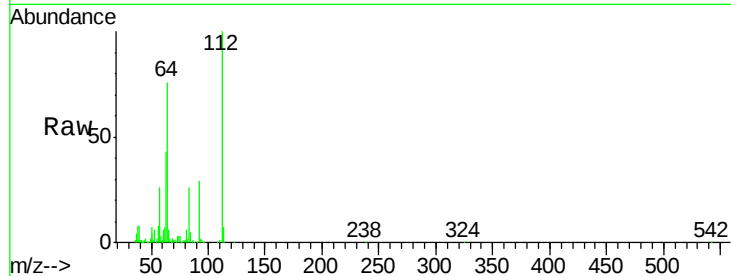
ClientSampleId :

EPE-L-6(20-22)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 395115 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 76.1  | 56.3  | 84.5   |
| 63        | 43.4  | 30.1  | 45.1   |

Manual Integrations  
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#6

Aniline

Concen: 28.914 ng

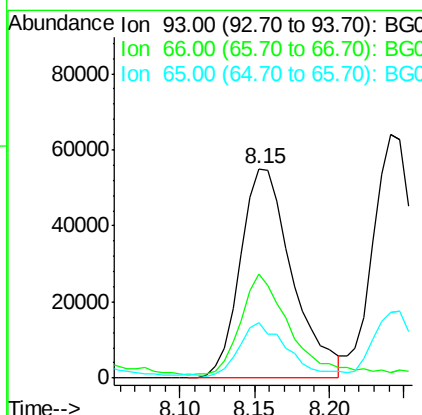
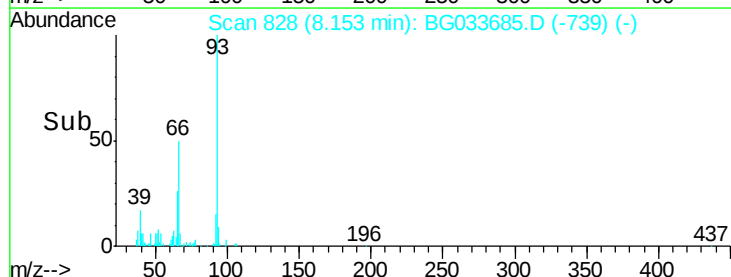
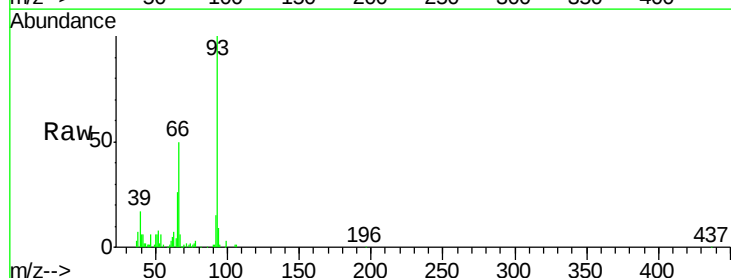
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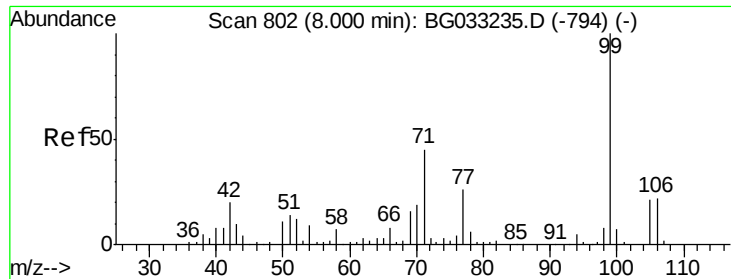
Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 132846 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 49.9  | 33.7  | 50.5   |
| 65        | 26.3  | 16.1  | 24.1#  |





#7

Phenol-d6

Concen: 152.736 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

ClientSampleId :

EPE-L-6(20-22)MS

Tot Ion: 99 Resp: 596738

Ion Ratio Lower Upper

99 100

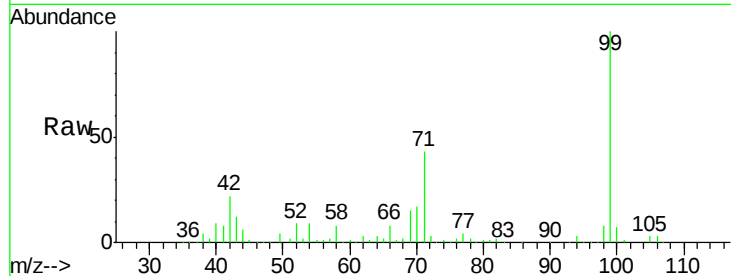
42 22.1 14.1 21.1#

71 43.1 26.1 39.1#

Manual Integrations  
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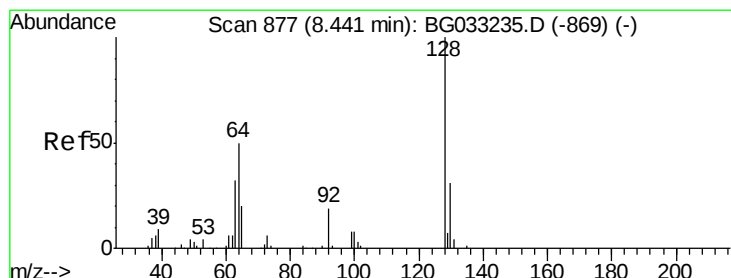
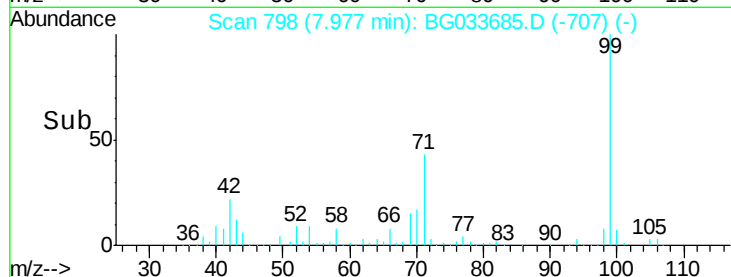
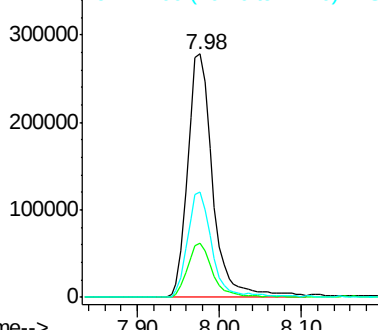
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 52.983 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

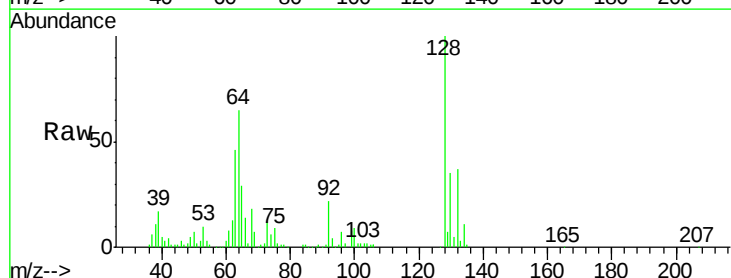
Tgt Ion:128 Resp: 137732

Ion Ratio Lower Upper

128 100

130 34.7 14.0 54.0

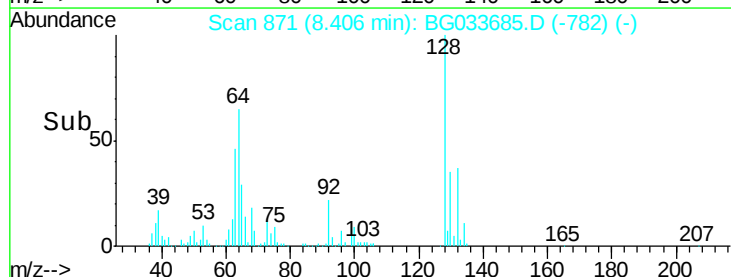
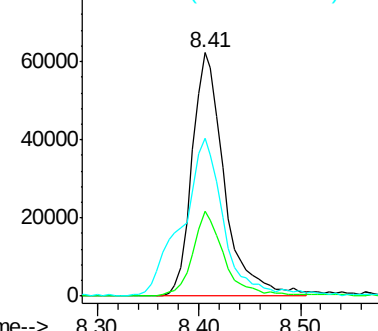
64 65.0 37.7 77.7

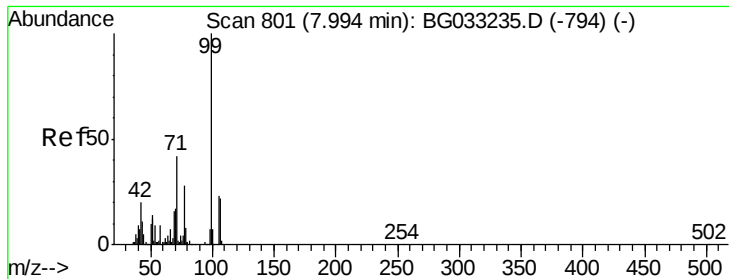


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 16.119 ng

RT: 7.96 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

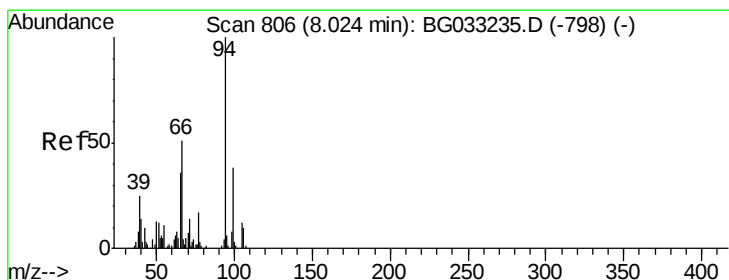
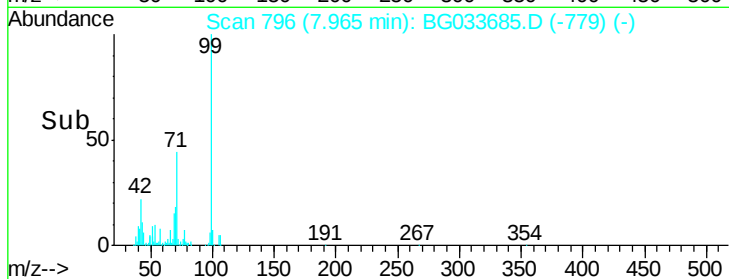
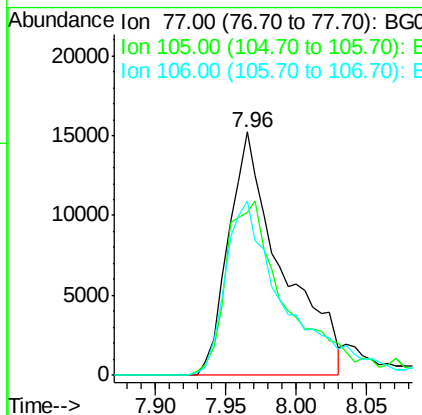
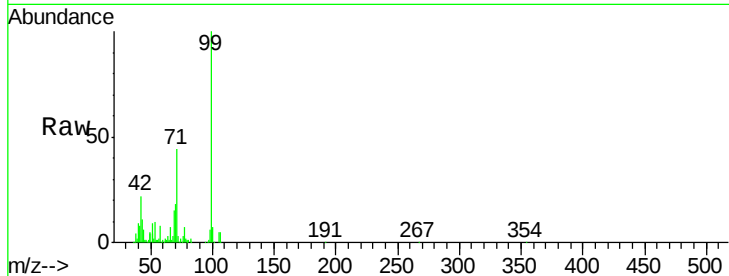
ClientSampleId :

EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 77      | 100   |       |        |
| 105     | 66.8  | 71.3  | 111.3# |
| 106     | 71.4  | 64.2  | 104.2  |

Manual Integrations  
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#10

Phenol

Concen: 55.945 ng

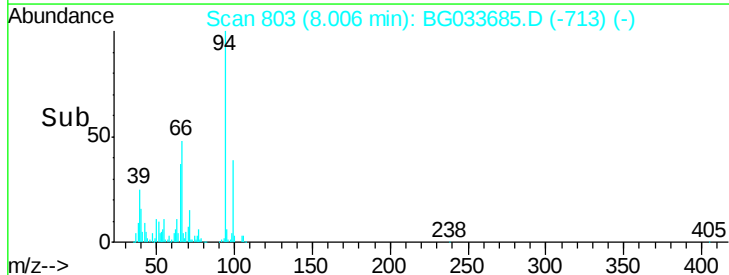
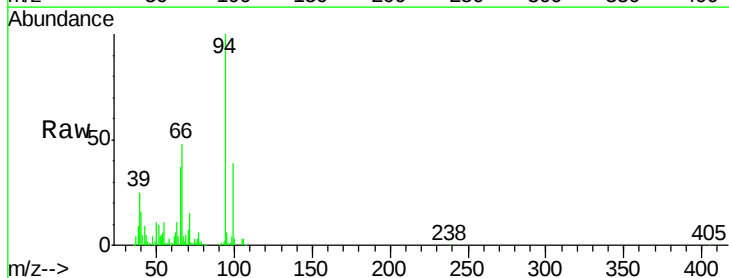
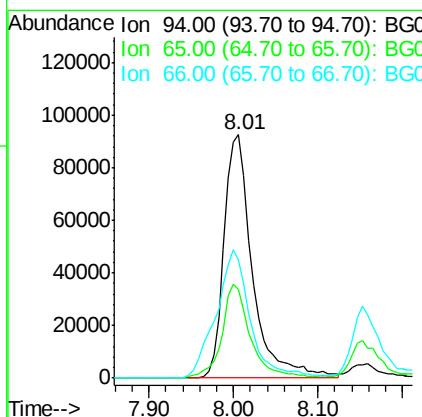
RT: 8.01 min Scan# 803

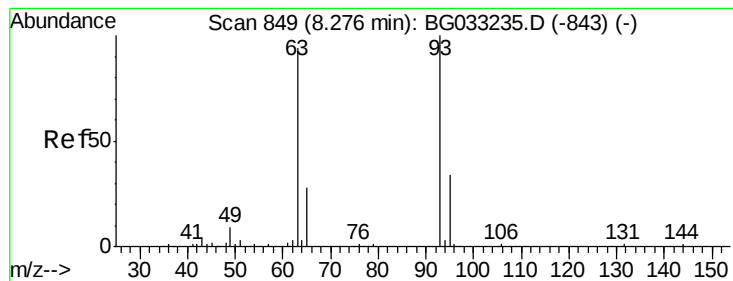
Delta R.T. 0.00 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 36.6  | 11.9  | 51.9  |
| 66      | 48.3  | 22.2  | 62.2  |





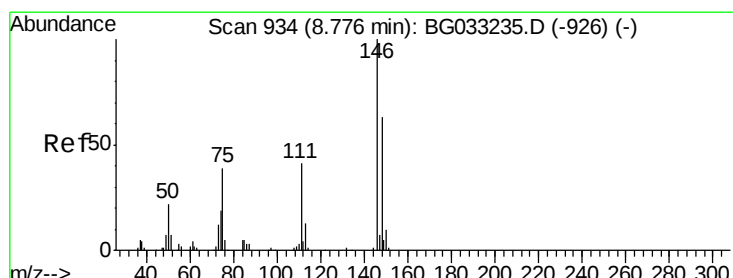
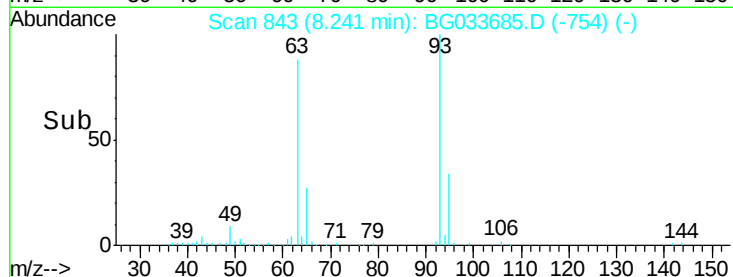
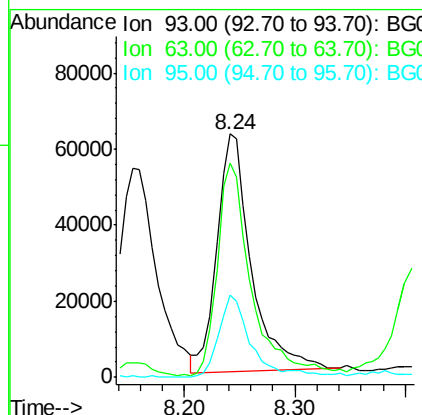
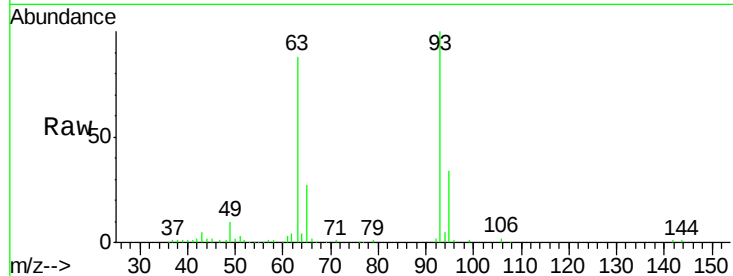
#11  
bis(2-Chloroethyl)ether  
Concen: 43.195 ng  
RT: 8.24 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 93      | 100  |       |       |       |
| 63      | 87.7 | 67.1  | 107.1 |       |
| 95      | 33.6 | 11.5  | 51.5  |       |

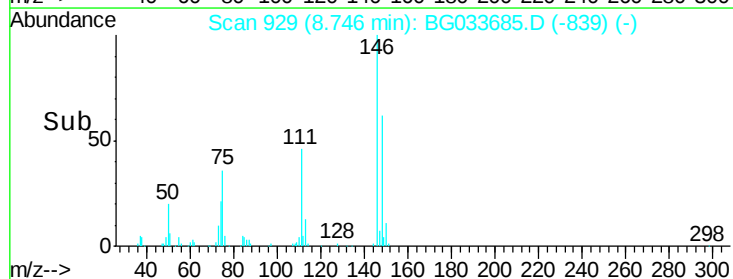
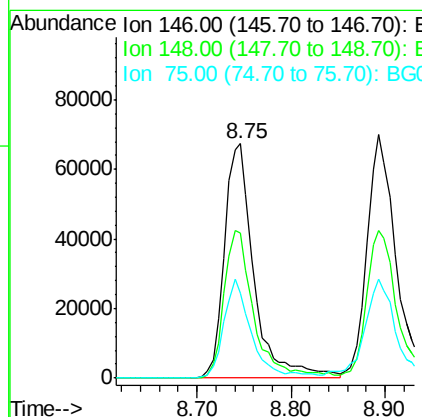
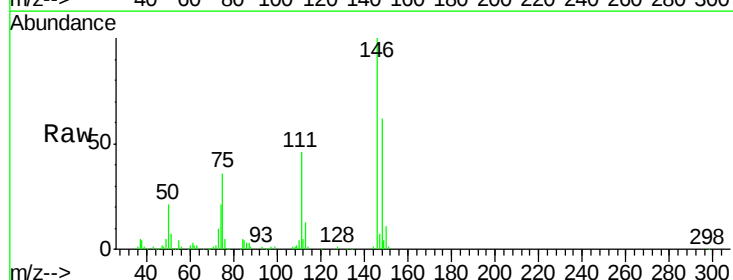
Manual Integrations  
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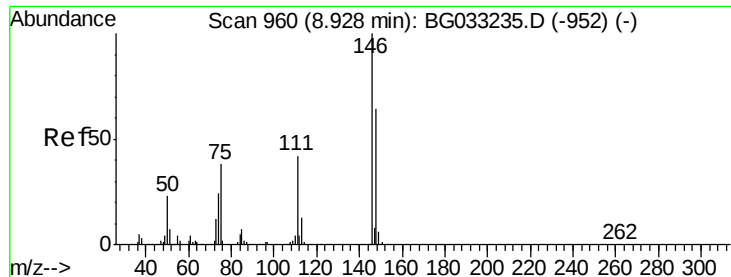
Sohil  
4/10/2018 3:36:37 PM



#12  
1,3-Dichlorobenzene  
Concen: 43.347 ng  
RT: 8.75 min Scan# 929  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 146     | 100  |       |       |       |
| 148     | 61.9 | 51.4  | 77.2  |       |
| 75      | 36.3 | 26.6  | 39.8  |       |





#13

1,4-Dichlorobenzene

Concen: 43.221 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

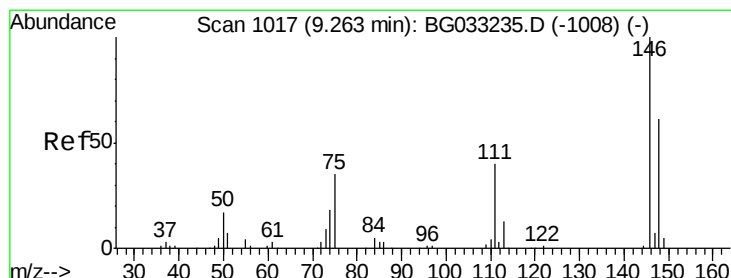
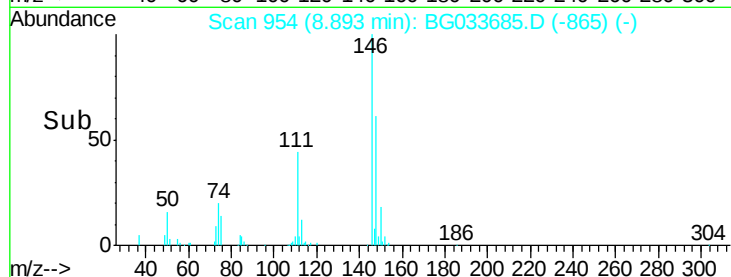
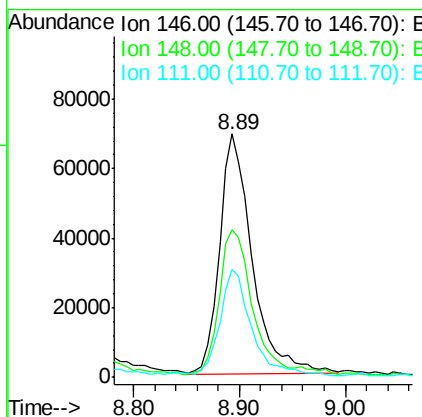
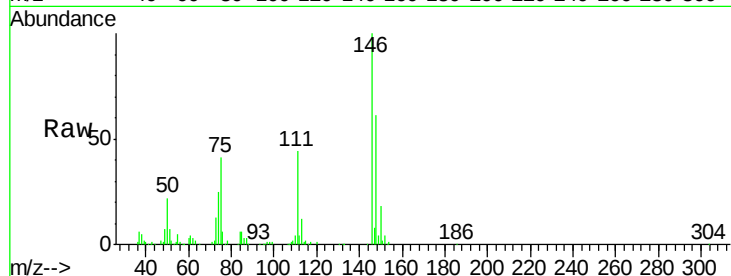
ClientSampleId :

EPE-L-6(20-22)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 147110 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 60.7  | 53.7  | 80.5   |
| 111       | 44.3  | 35.2  | 52.8   |

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#14

1,2-Dichlorobenzene

Concen: 44.896 ng

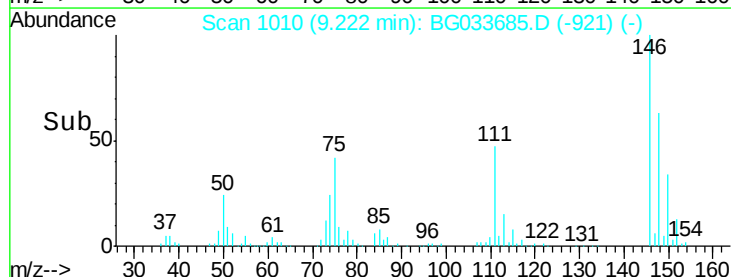
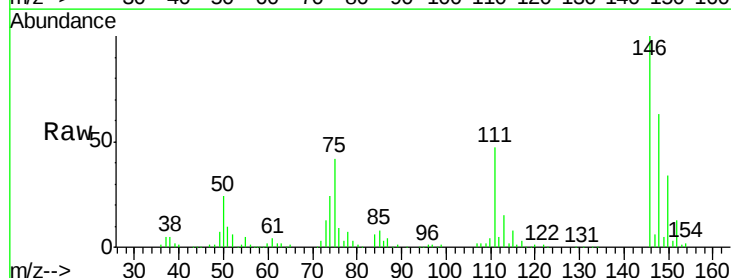
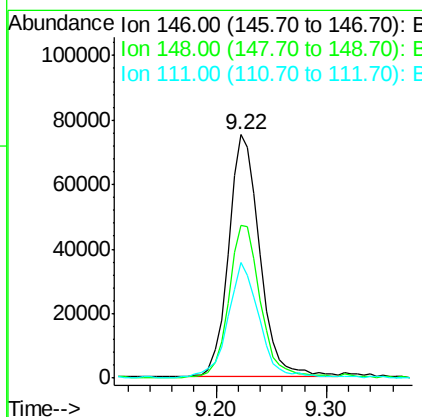
RT: 9.22 min Scan# 1010

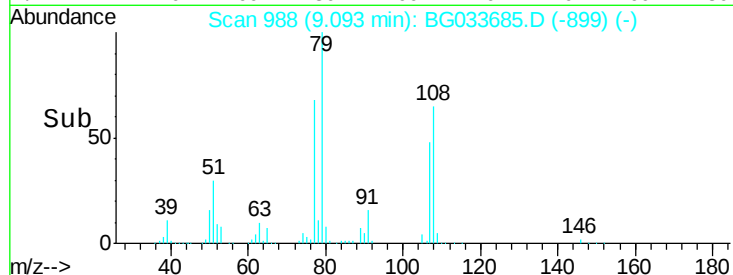
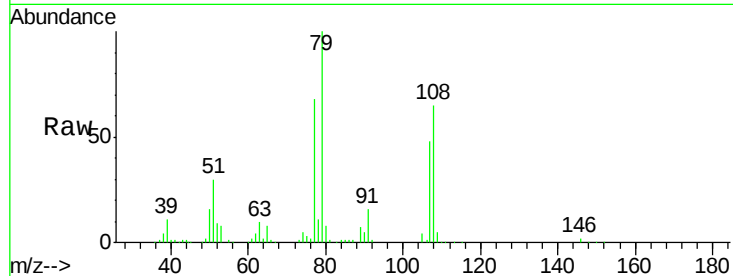
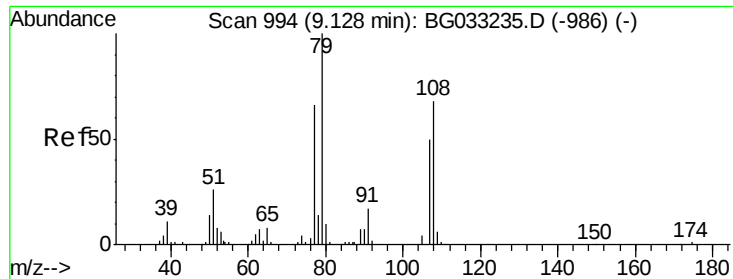
Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 149142 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.9  | 49.3  | 73.9   |
| 111       | 47.4  | 34.3  | 51.5   |





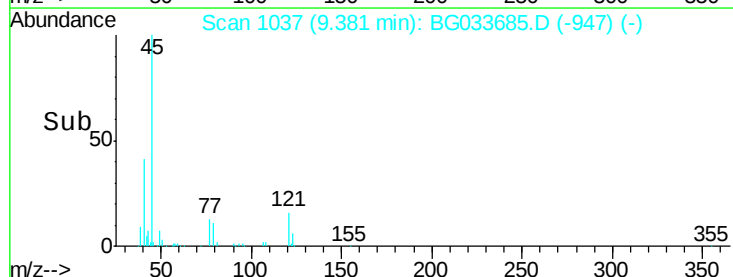
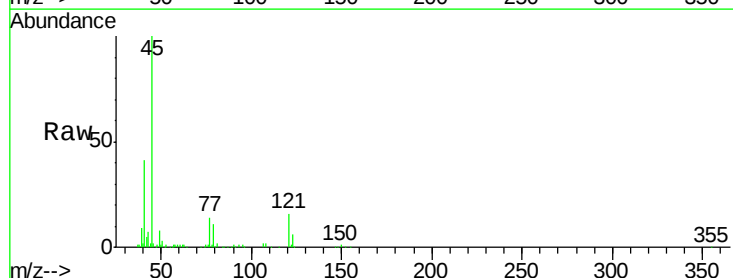
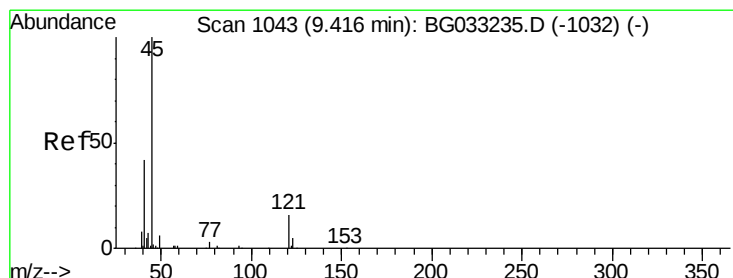
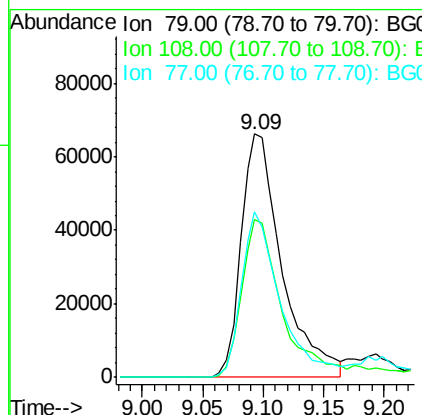
#15  
Benzyl Alcohol  
Concen: 50.588 ng  
RT: 9.09 min Scan# 988  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 64.8  | 57.2  | 85.8  |
| 77      | 68.1  | 46.1  | 69.1  |

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

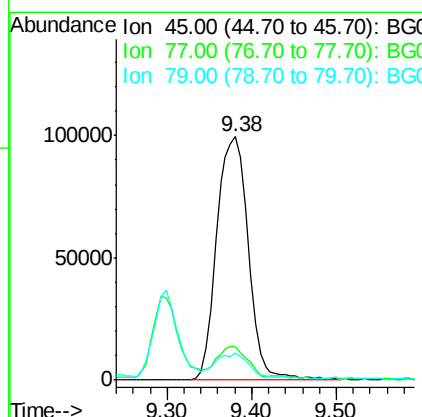
Manual Integrations  
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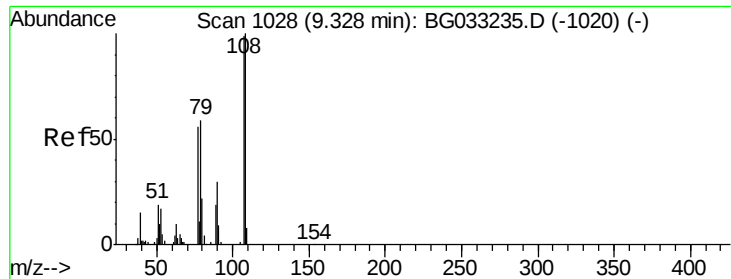
Sohil  
4/10/2018 3:36:37 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 50.547 ng  
RT: 9.38 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.1  | 0.0   | 30.2  |
| 79      | 11.3  | 0.0   | 27.9  |





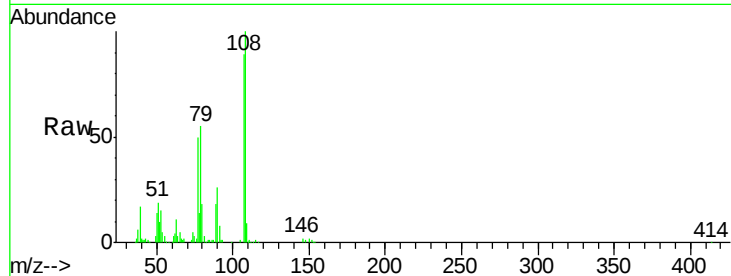
#17  
2-Methylphenol  
Concen: 49.515 ng  
RT: 9.30 min Scan# 1023  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.3 | 83.9 | 125.9 |       |
| 77      | 56.4  | 37.2 | 55.8  |       |
| 79      | 61.2  | 36.2 | 54.2  |       |

Manual Integrations  
APPROVED

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4/10/2018 3:36:37 PM



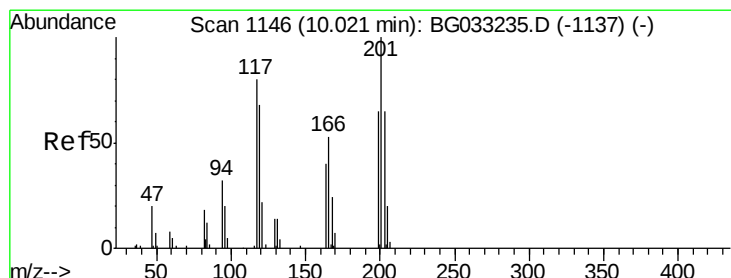
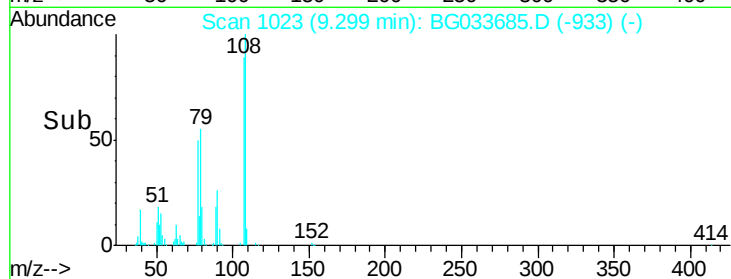
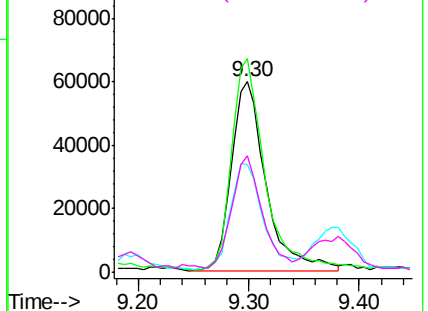
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

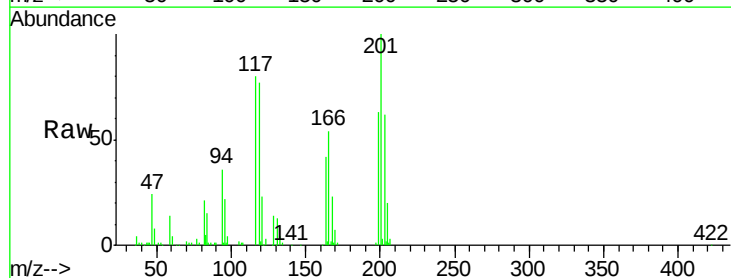
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 45.187 ng  
RT: 9.97 min Scan# 1138  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.3  | 76.7 | 115.1 |       |
| 201     | 124.2 | 95.7 | 143.5 |       |

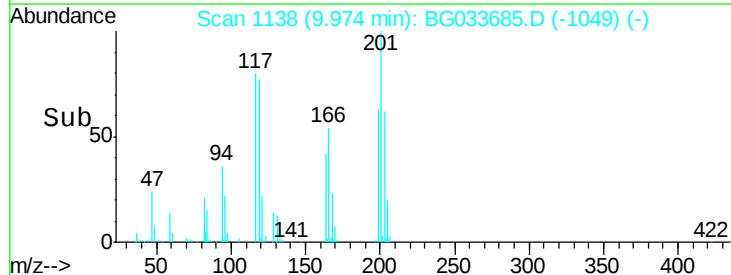
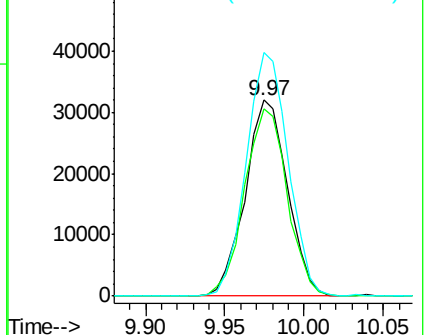


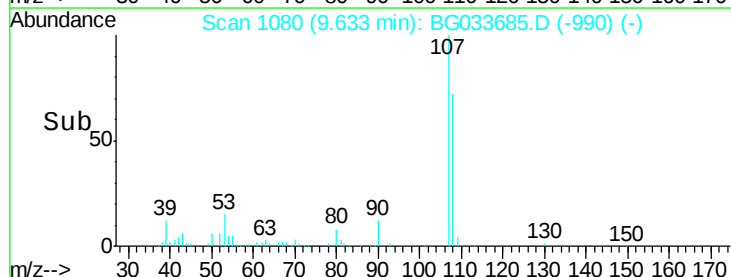
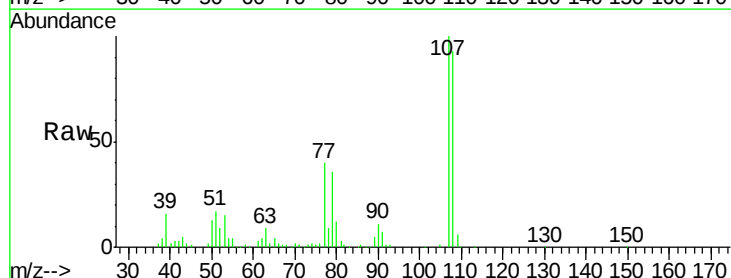
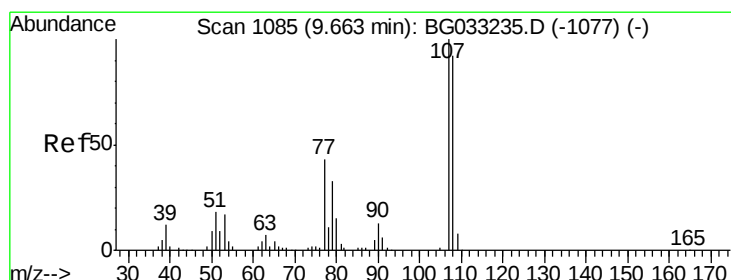
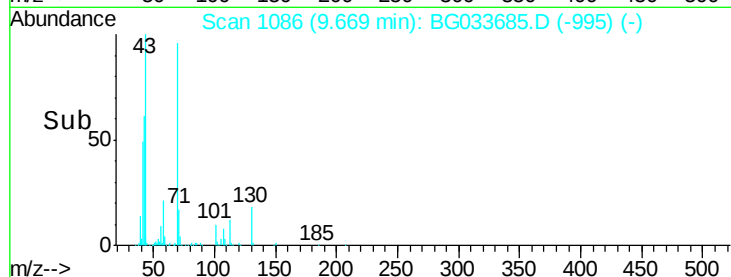
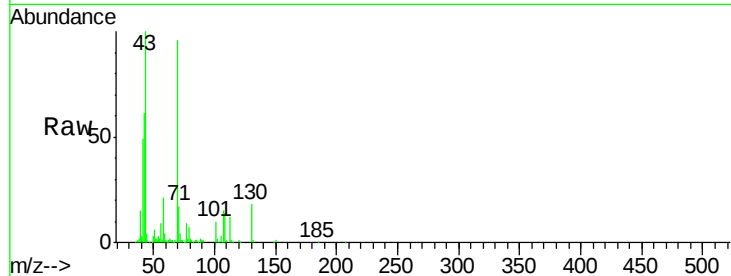
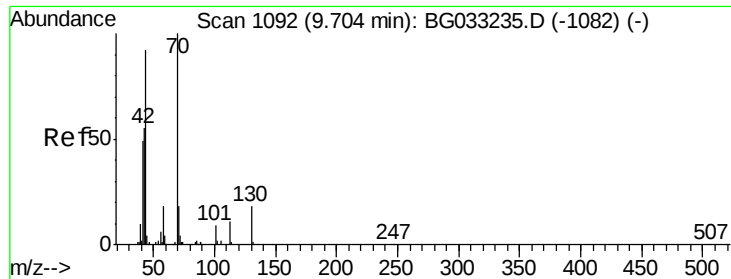
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

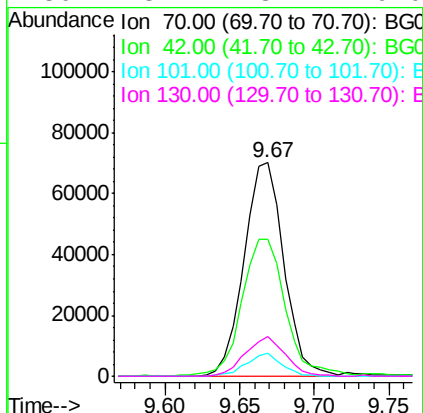
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 45.301 ng  
RT: 9.67 min Scan# 1086  
Delta R.T. 0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 63.9 | 49.1  | 73.7  |       |
| 101     | 10.7 | 8.5   | 12.7  |       |
| 130     | 18.7 | 13.4  | 20.0  |       |



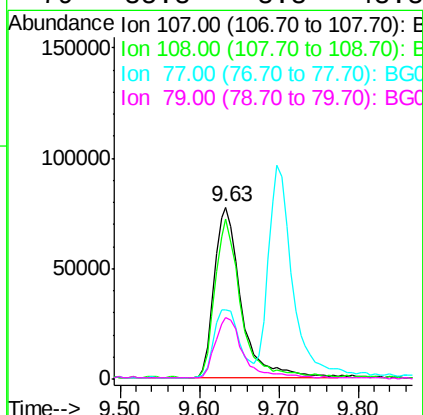
Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

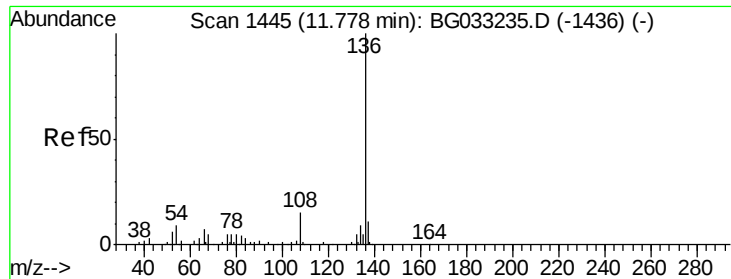
Manual Integrations  
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4/10/2018 3:36:37 PM

#20  
3+4-Methylphenols  
Concen: 49.030 ng  
RT: 9.63 min Scan# 1080  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 93.3 | 61.6  | 101.6 |       |
| 77      | 40.4 | 13.9  | 53.9  |       |
| 79      | 35.8 | 8.8   | 48.8  |       |





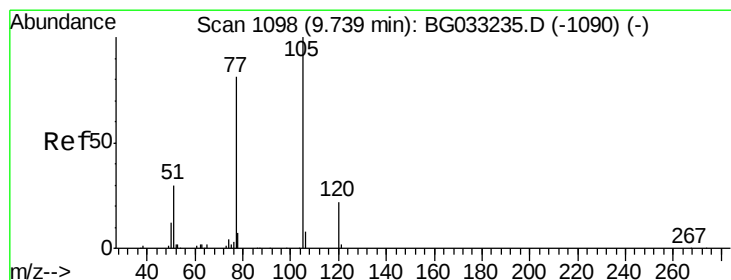
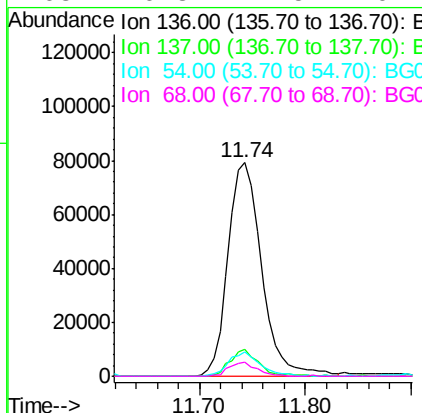
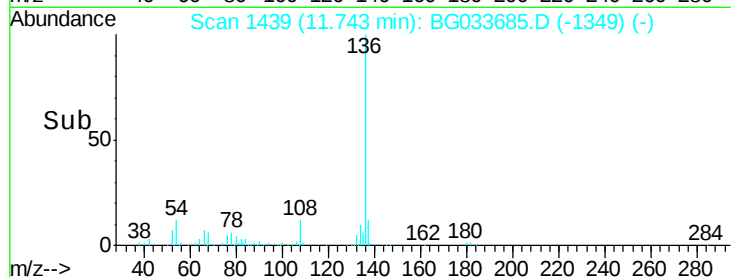
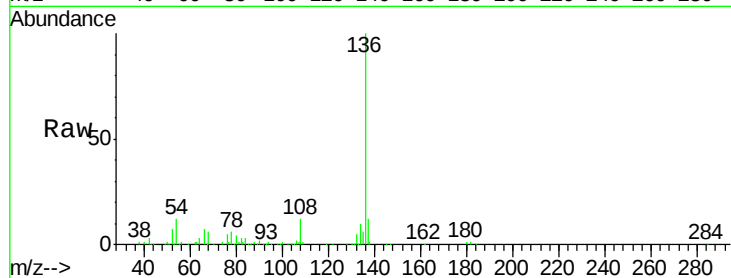
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.74 min Scan# 1439  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 175453 |       |       |
| 137     | 12.3  |        | 9.2   | 13.8  |
| 54      | 11.7  |        | 10.3  | 15.5  |
| 68      | 6.3   |        | 4.5   | 6.7   |

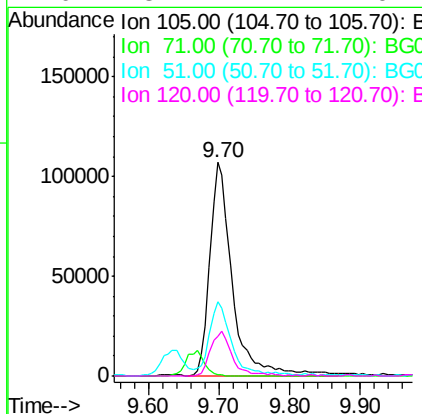
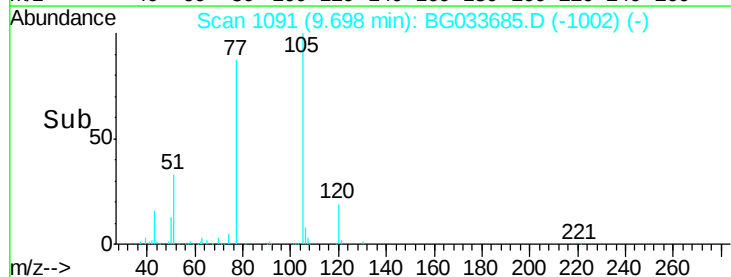
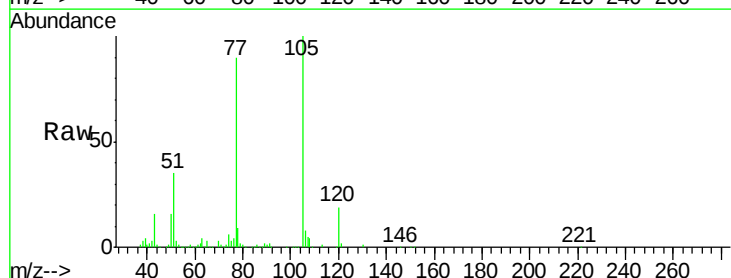
Manual Integrations  
APPROVED

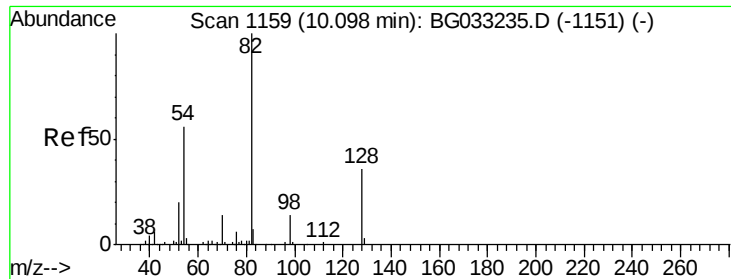
Sohil  
4/10/2018 3:36:37 PM



#22  
Acetophenone  
Concen: 48.930 ng  
RT: 9.70 min Scan# 1091  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 235199 |       |       |
| 71      | 0.6   |        | 3.0   | 4.4#  |
| 51      | 34.6  |        | 26.1  | 39.1  |
| 120     | 18.7  |        | 17.4  | 26.2  |





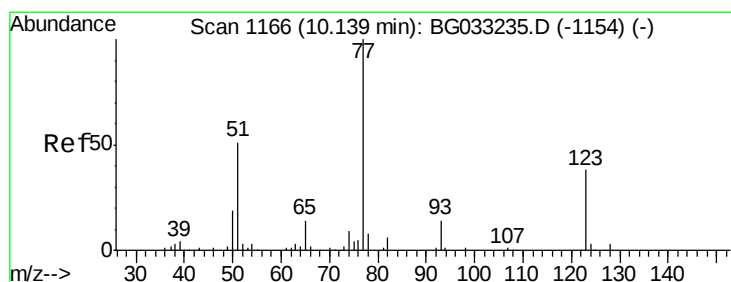
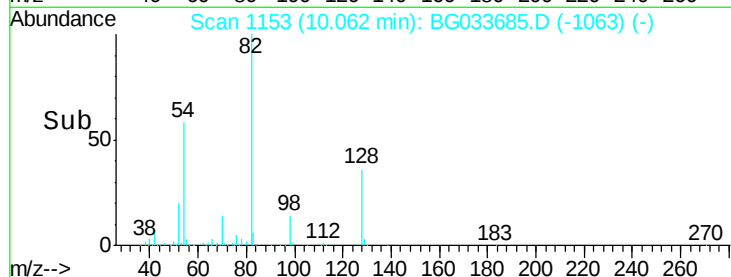
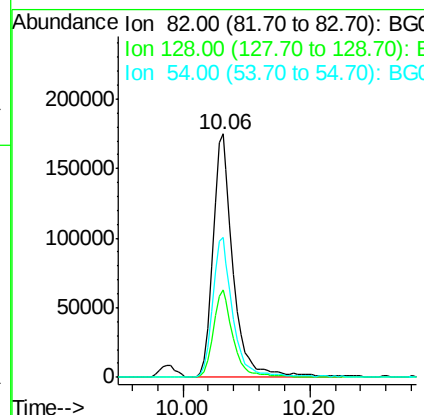
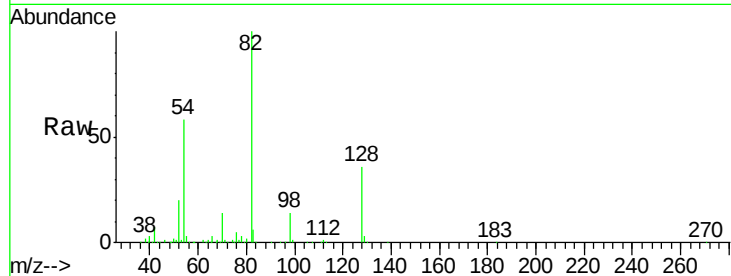
#23  
 Nitrobenzene-d5  
 Concen: 103.062 ng  
 RT: 10.06 min Scan# 1153  
 Delta R.T. 0.00 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 35.9  | 29.7  | 44.5  |
| 54      | 57.7  | 43.1  | 64.7  |

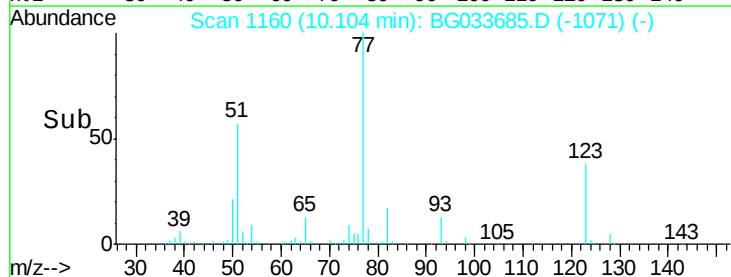
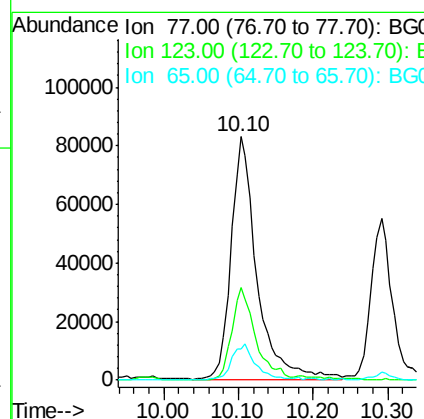
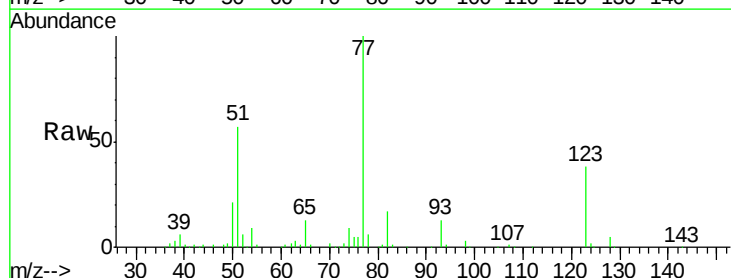
Manual Integrations  
 APPROVED

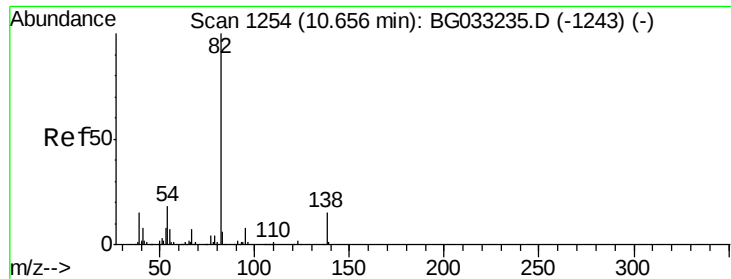
Sohil  
 4/10/2018 3:36:37 PM



#24  
 Nitrobenzene  
 Concen: 48.623 ng  
 RT: 10.10 min Scan# 1160  
 Delta R.T. -0.01 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 38.1  | 33.0  | 49.6  |
| 65      | 12.9  | 13.0  | 19.6# |





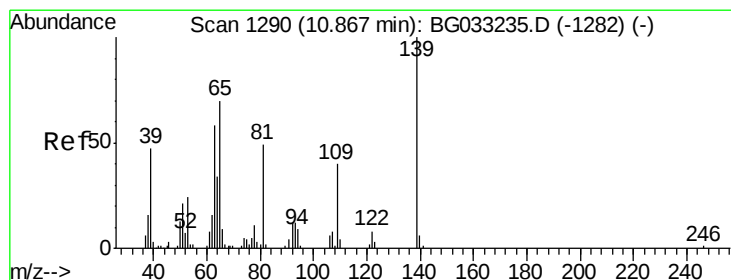
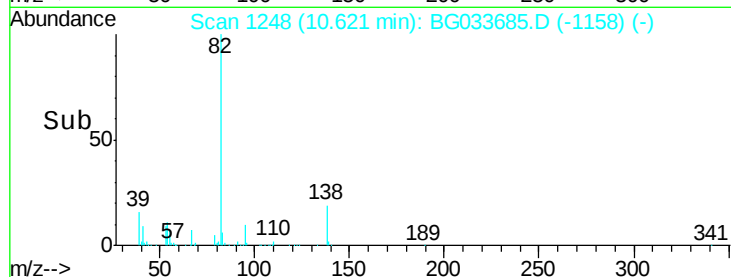
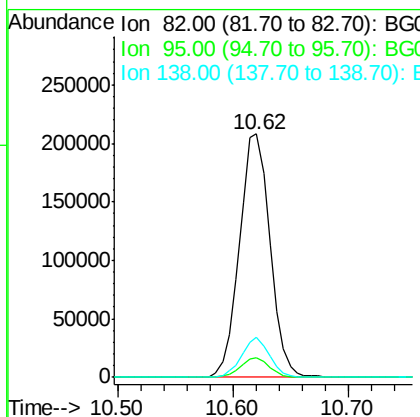
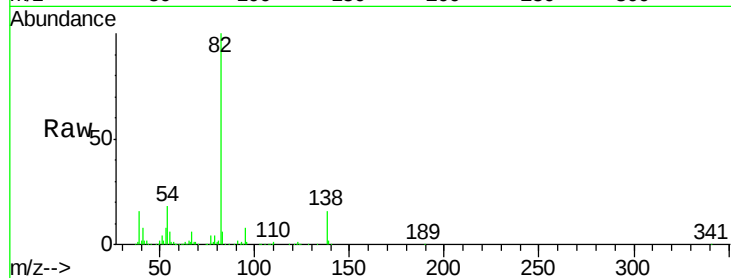
#25  
Isophorone  
Concen: 51.681 ng  
RT: 10.62 min Scan# 1248  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 8.2   | 6.2  | 9.2   |       |
| 138     | 16.3  | 12.1 | 18.1  |       |

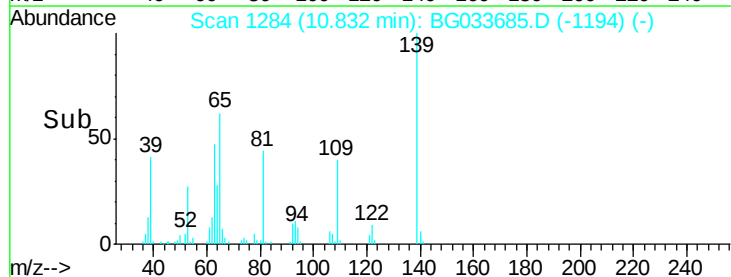
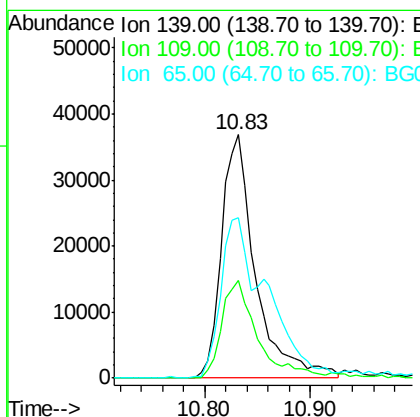
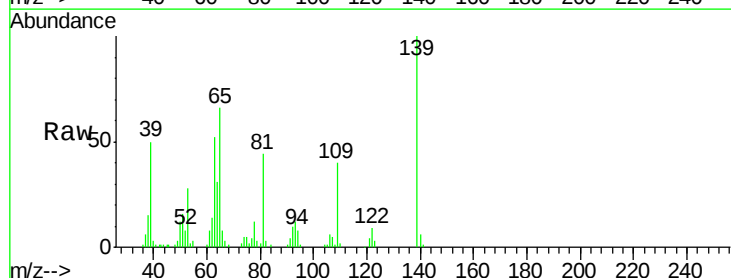
Manual Integrations  
APPROVED

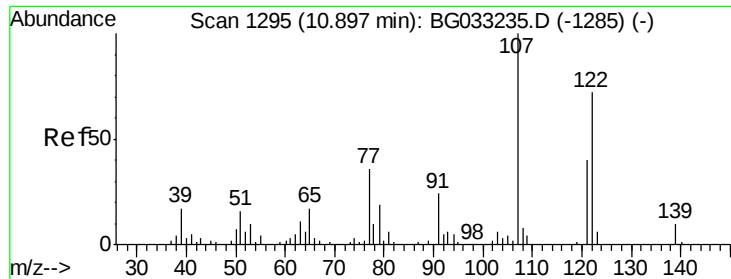
Sohil  
4/10/2018 3:36:37 PM



#26  
2-Nitrophenol  
Concen: 53.128 ng  
RT: 10.83 min Scan# 1284  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 40.2  | 24.2 | 36.2  | #     |
| 65      | 65.8  | 47.4 | 71.0  |       |





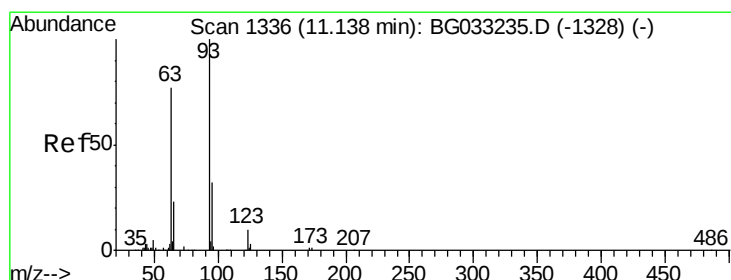
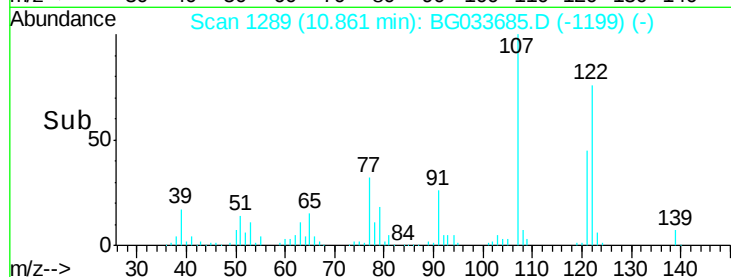
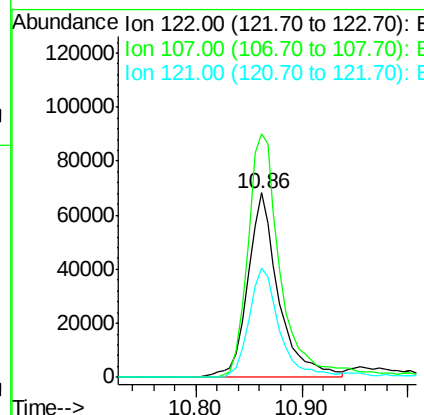
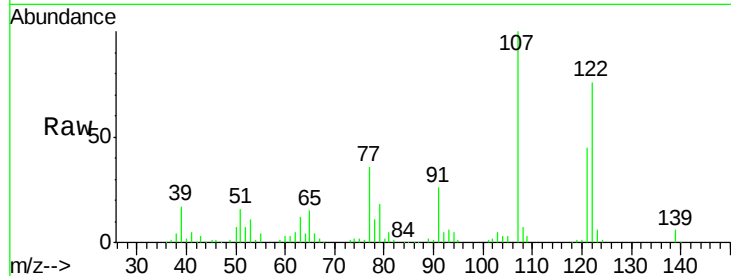
#27  
 2,4-Dimethylphenol  
 Concen: 61.682 ng  
 RT: 10.86 min Scan# 1289  
 Delta R.T. 0.00 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-L-6(20-22)MS

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |       |
| 107     | 132.1 | 100.2 | 150.2 |       |       |
| 121     | 59.2  | 44.4  | 66.6  |       |       |

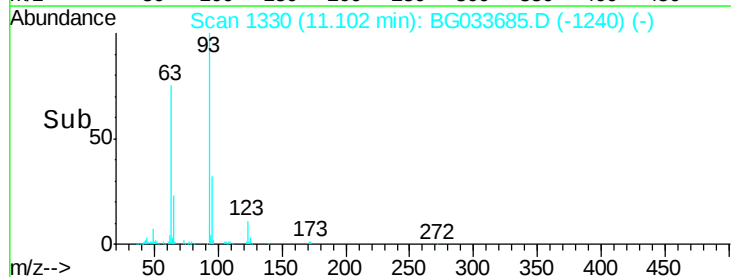
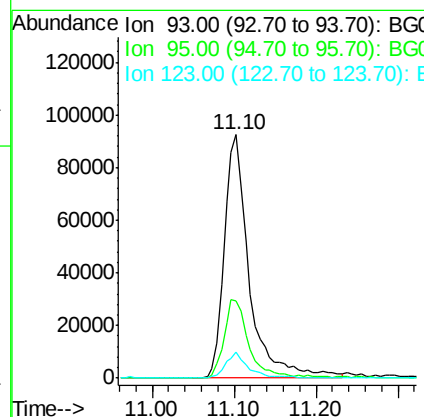
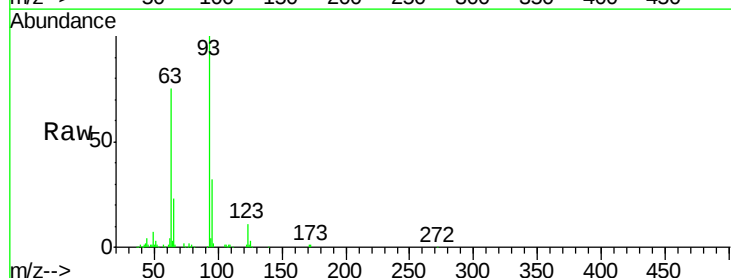
Manual Integrations  
 APPROVED

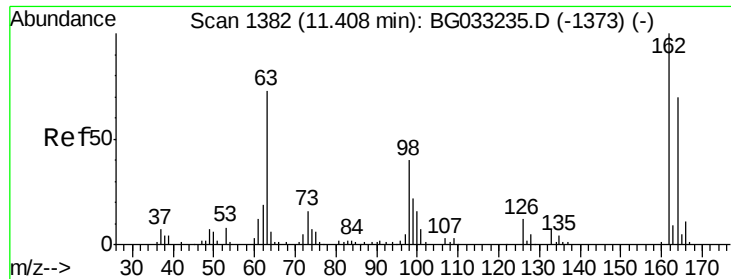
Sohil  
 4/10/2018 3:36:37 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 53.251 ng  
 RT: 11.10 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 93      | 100  |       |      |       |       |
| 95      | 31.8 | 24.3  | 36.5 |       |       |
| 123     | 10.6 | 8.4   | 12.6 |       |       |





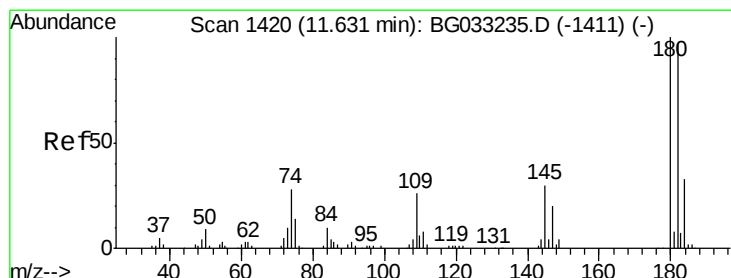
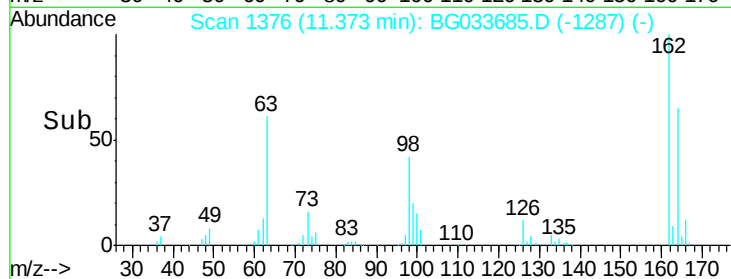
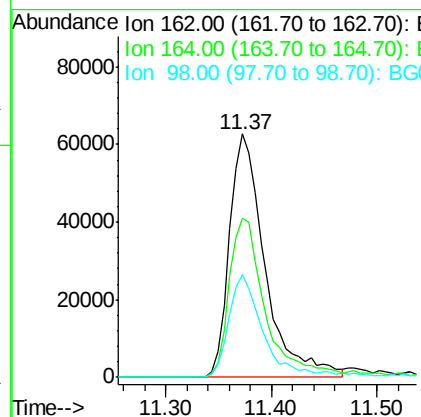
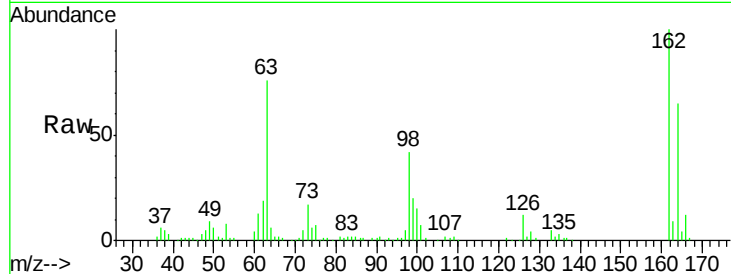
#29  
 2,4-Dichlorophenol  
 Concen: 52.726 ng  
 RT: 11.37 min Scan# 1376  
 Delta R.T. -0.01 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-L-6(20-22)MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 162     | 100  |       | 145773 |       |       |
| 164     | 65.2 | 48.0  |        | 88.0  |       |
| 98      | 42.1 | 21.1  |        | 61.1  |       |

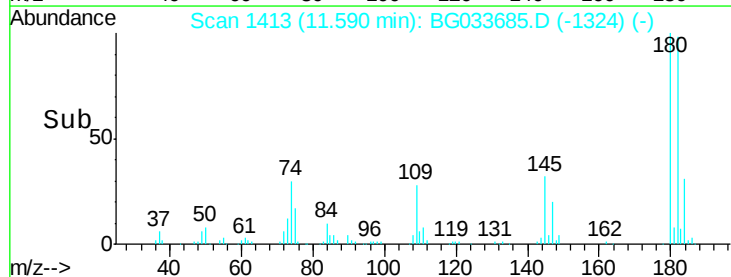
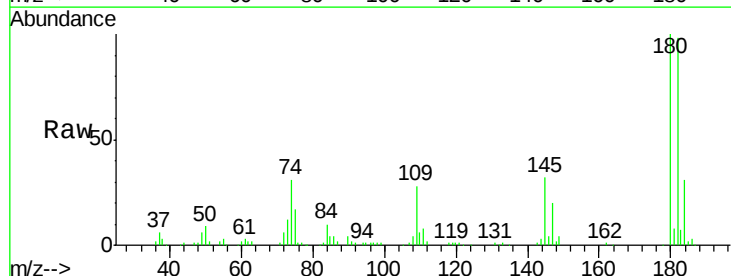
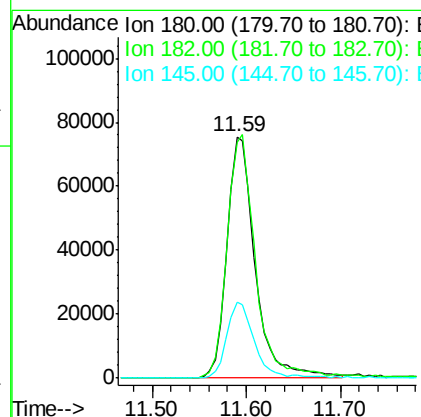
Manual Integrations  
 APPROVED

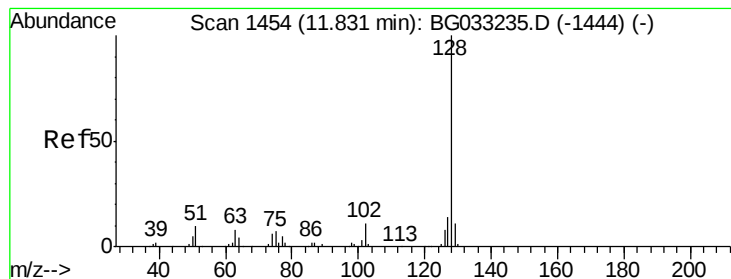
Sohil  
 4/10/2018 3:36:37 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.939 ng  
 RT: 11.59 min Scan# 1413  
 Delta R.T. -0.01 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 180     | 100  |       | 157830 |       |       |
| 182     | 97.6 | 77.5  |        | 116.3 |       |
| 145     | 31.7 | 23.4  |        | 35.2  |       |





#31

Naphthalene

Concen: 47.936 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

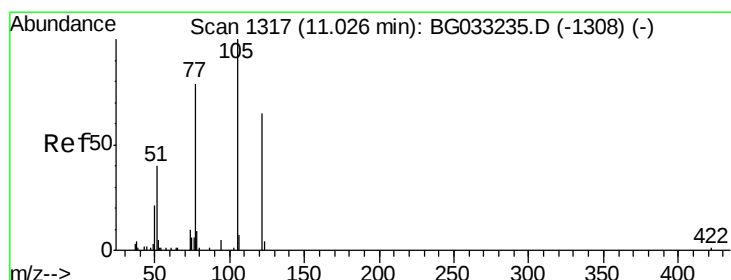
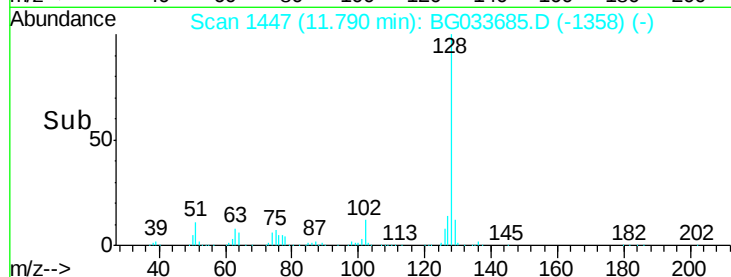
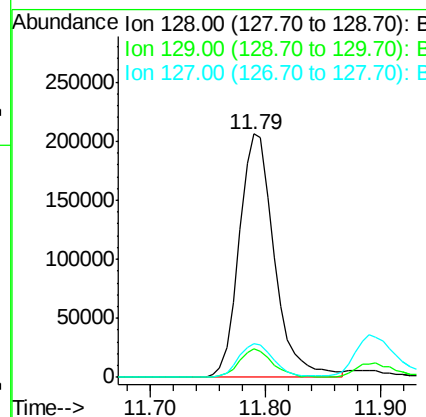
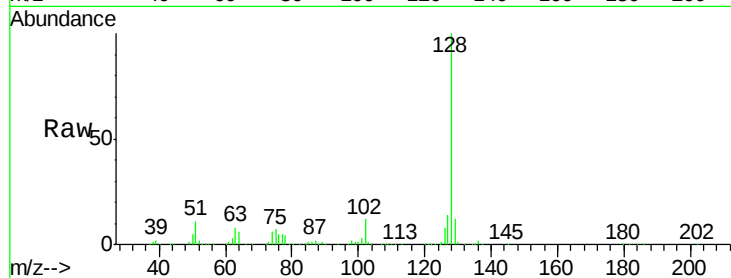
ClientSampleId :

EPE-L-6(20-22)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 435837 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 12.0  | 8.6   | 12.8   |
| 127       | 13.9  | 11.6  | 17.4   |

Manual Integrations  
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4/10/2018 3:36:37 PM



#32

Benzoic acid

Concen: 4.989 ng m

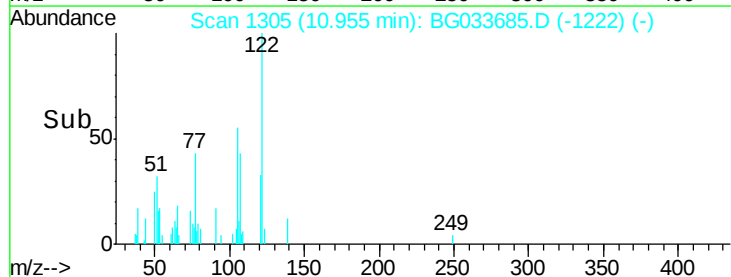
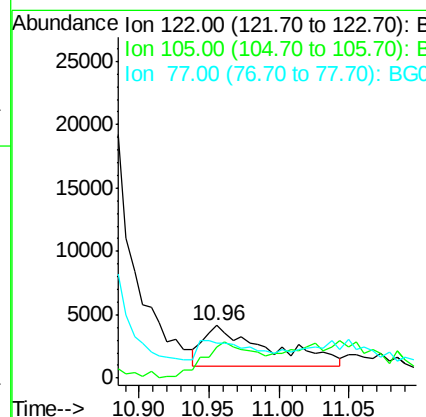
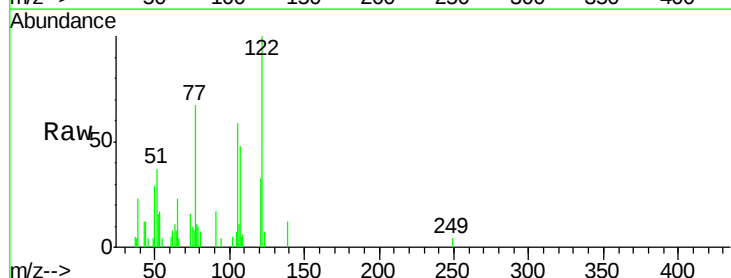
RT: 10.96 min Scan# 1305

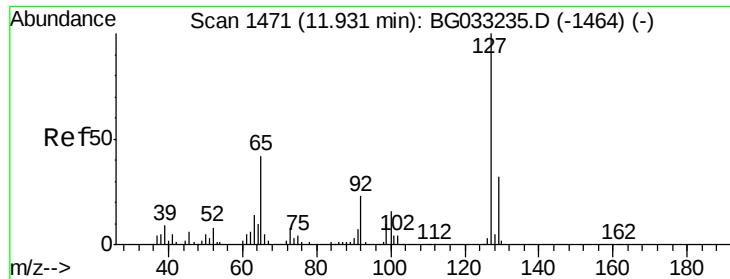
Delta R.T. -0.04 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 10426  |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 58.9  | 123.5 | 163.5# |
| 77        | 66.6  | 85.7  | 125.7# |





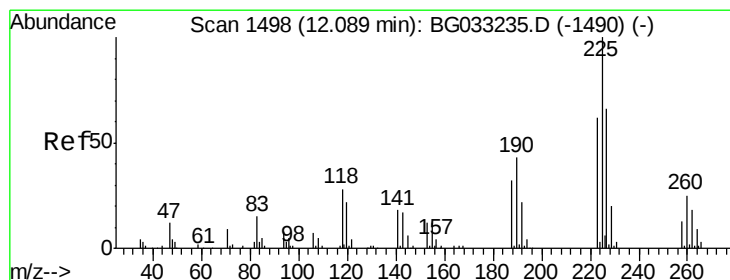
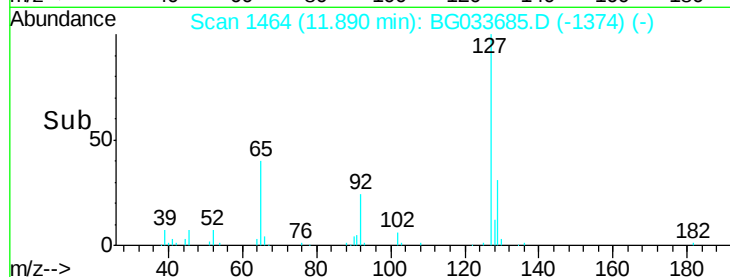
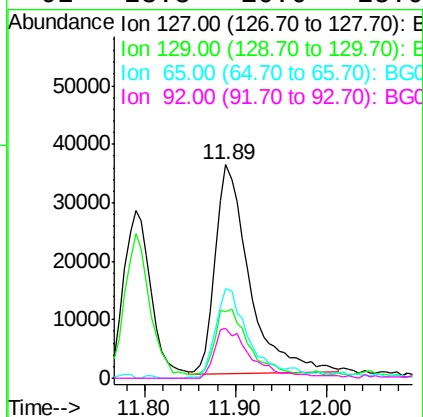
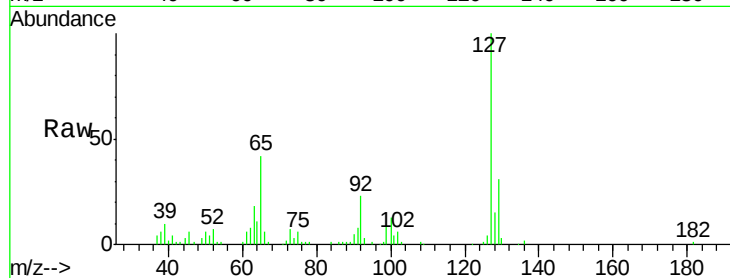
#33  
4-Chloroaniline  
Concen: 23.082 ng  
RT: 11.89 min Scan# 1464  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 127   | Resp: | 94024 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 30.9  | 24.0  | 36.0  |
| 65        | 41.9  | 27.0  | 40.4  |
| 92        | 23.3  | 16.6  | 25.0  |

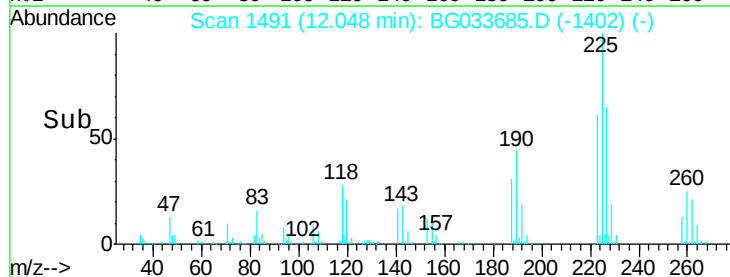
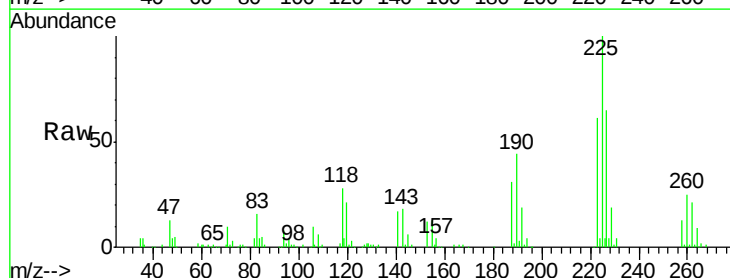
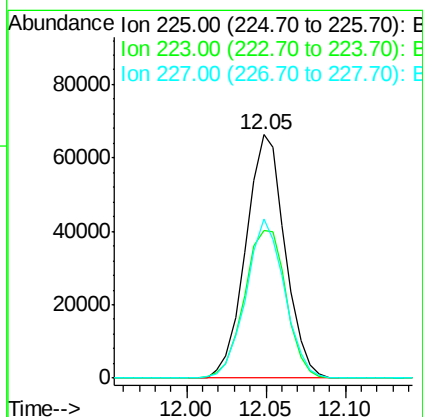
Manual Integrations  
APPROVED

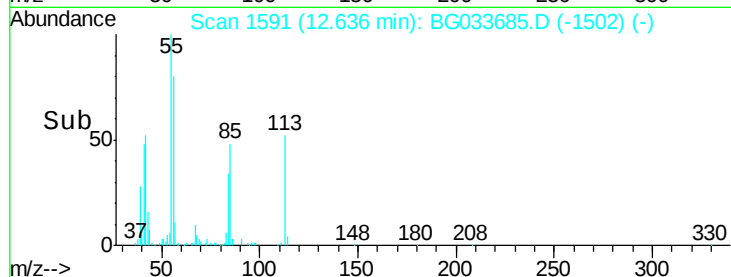
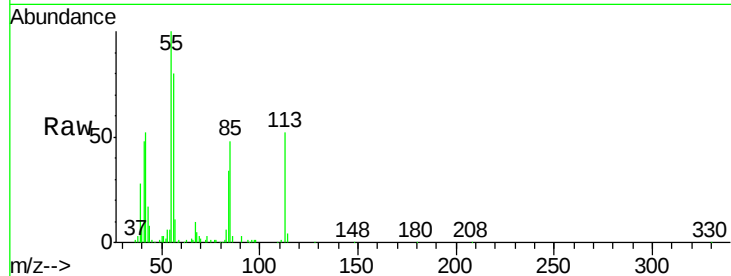
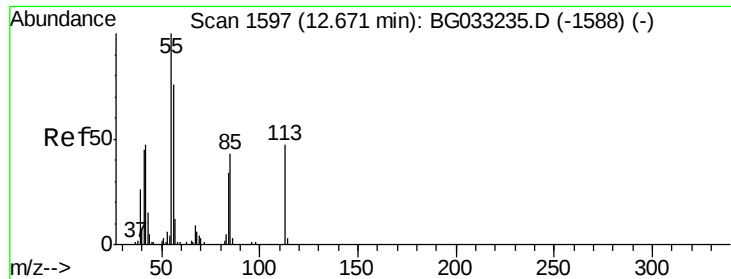
Sohil  
4/10/2018 3:36:37 PM



#34  
Hexachlorobutadiene  
Concen: 41.844 ng  
RT: 12.05 min Scan# 1491  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 113664 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 60.6  | 49.7  | 74.5   |
| 227       | 65.5  | 48.1  | 72.1   |





#35

Caprolactam

Concen: 53.514 ng

RT: 12.64 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 192.1 | 186.9 | 226.9 |
| 56      | 153.0 | 130.9 | 170.9 |

Instrument :

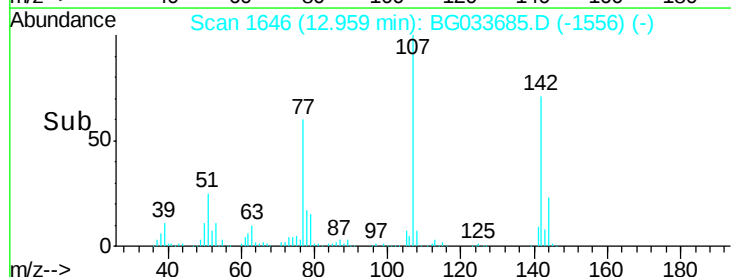
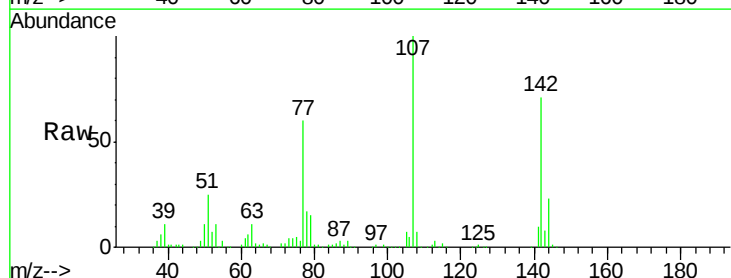
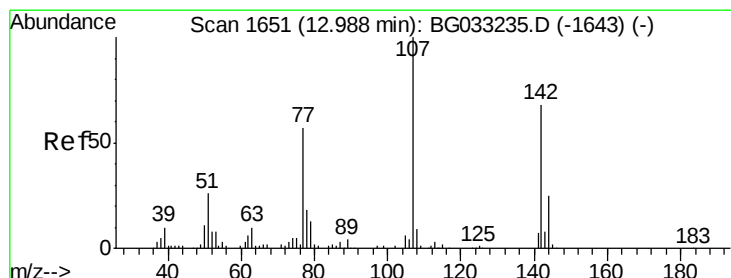
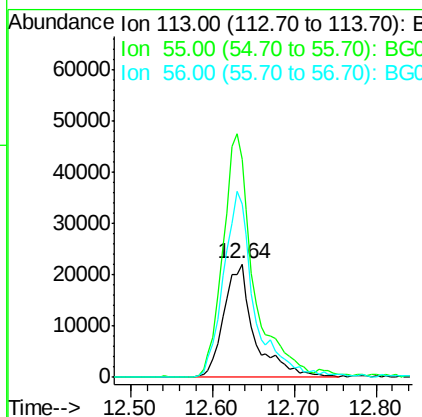
BNA\_G

ClientSampleId :

EPE-L-6(20-22)MS

Manual Integrations  
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4/10/2018 3:36:37 PM



#36

4-Chloro-3-methylphenol

Concen: 53.118 ng

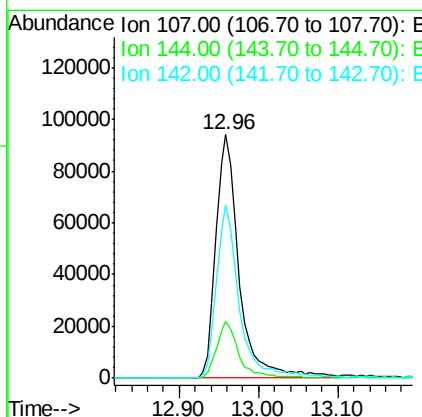
RT: 12.96 min Scan# 1646

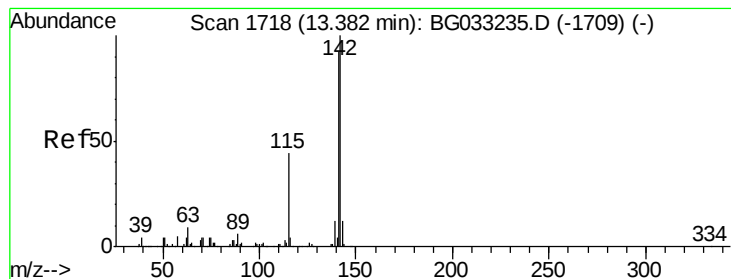
Delta R.T. 0.00 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.3  | 18.2  | 27.4  |
| 142     | 71.1  | 59.0  | 88.4  |





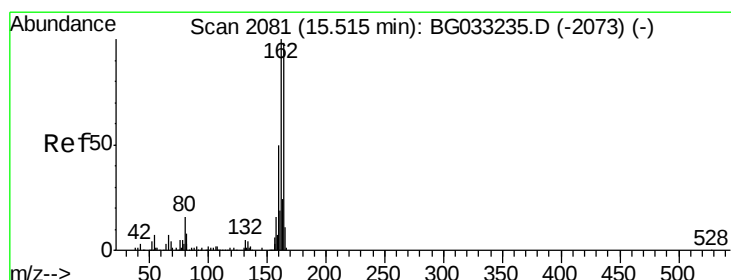
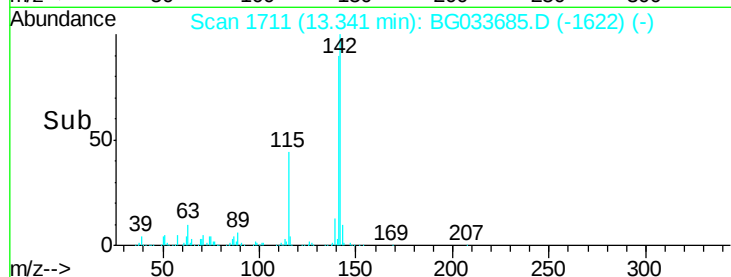
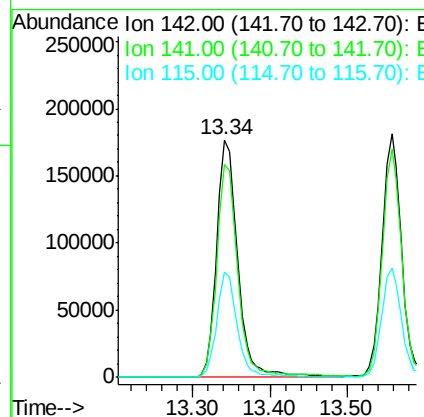
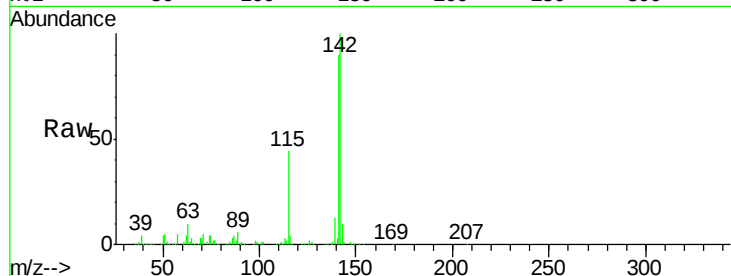
#37  
2-Methylnaphthalene  
Concen: 47.439 ng  
RT: 13.34 min Scan# 1711  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 67.1  | 100.7 |
| 115     | 44.4  | 30.7  | 46.1  |

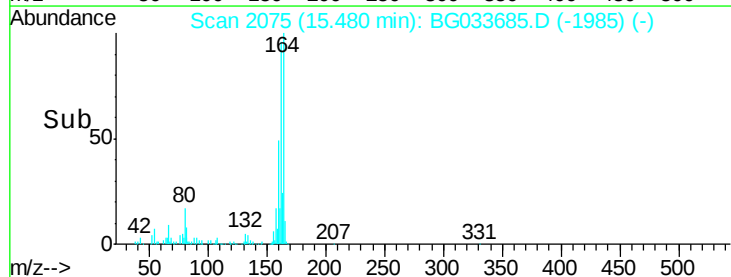
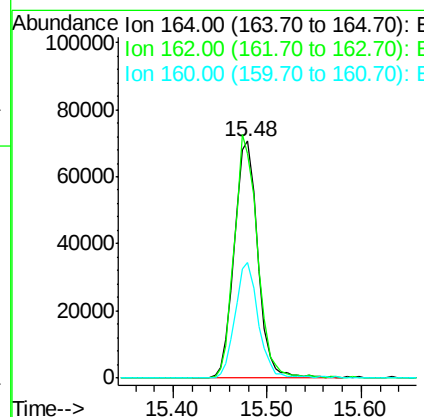
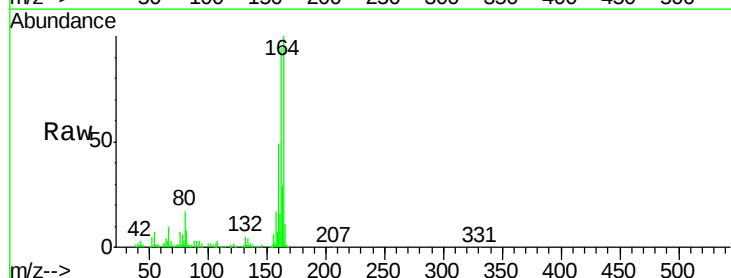
Manual Integrations  
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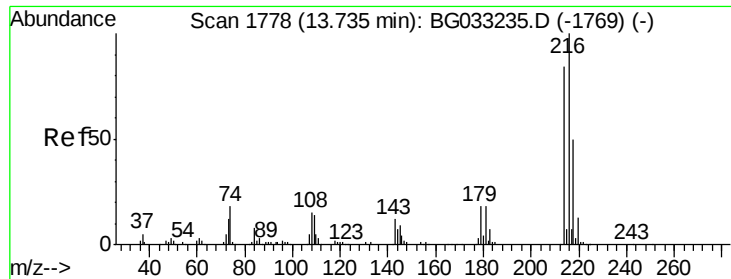
Sohil  
4/10/2018 3:36:37 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.48 min Scan# 2075  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 94.9  | 78.8  | 118.2 |
| 160     | 48.9  | 35.4  | 53.0  |





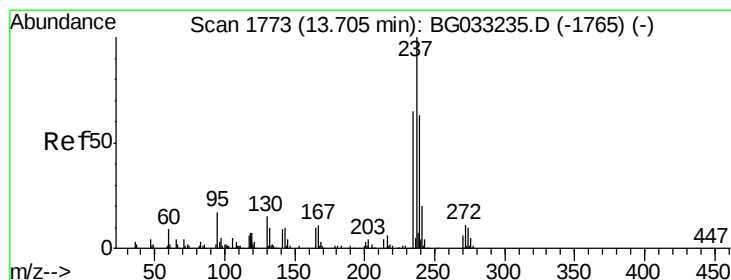
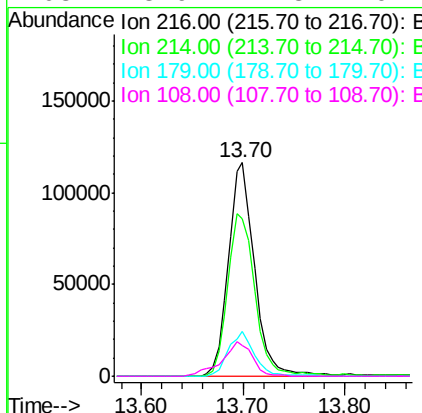
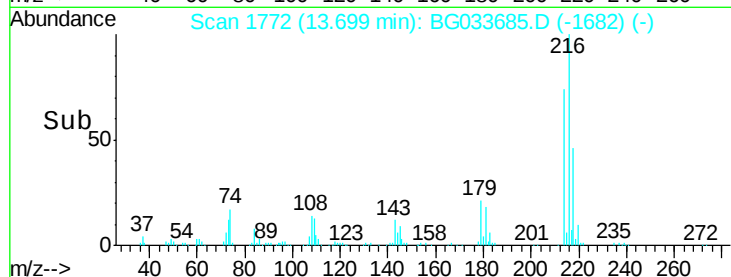
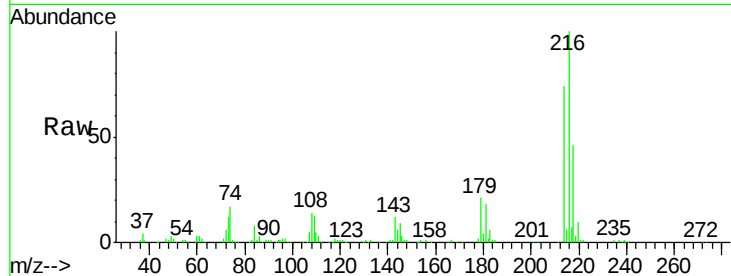
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.483 ng  
 RT: 13.70 min Scan# 1772  
 Delta R.T. 0.00 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-L-6(20-22)MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 207694 |       |       |
| 214     | 80.6 |       | 63.0   | 94.4  |       |
| 179     | 20.5 |       | 17.0   | 25.6  |       |
| 108     | 18.9 |       | 12.8   | 19.2  |       |

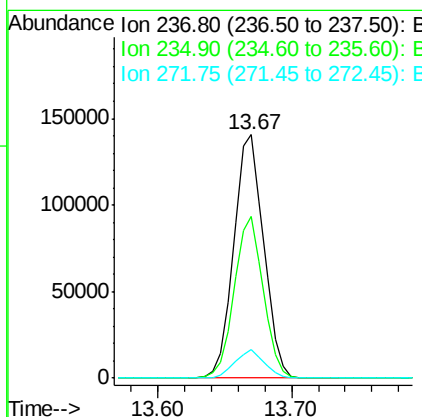
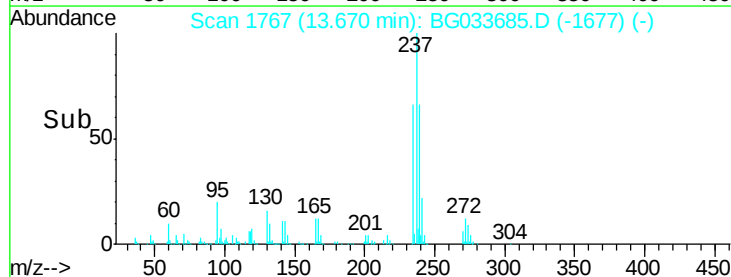
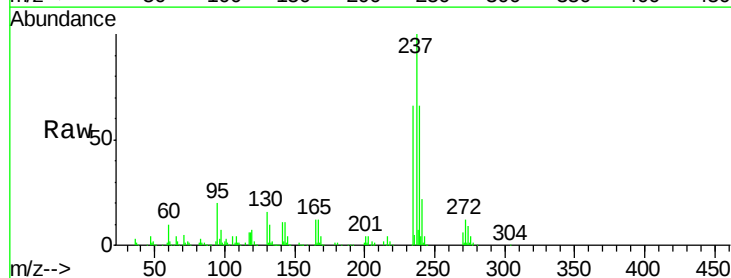
Manual Integrations  
 APPROVED

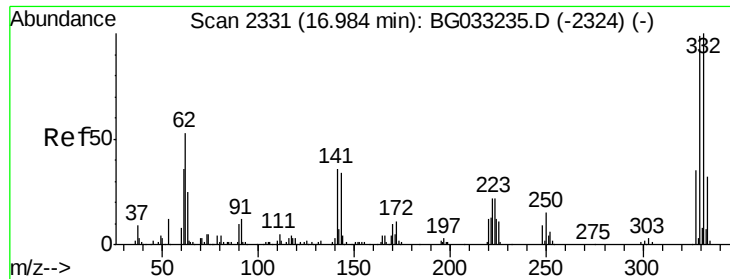
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#40  
 Hexachlorocyclopentadiene  
 Concen: 83.253 ng  
 RT: 13.67 min Scan# 1767  
 Delta R.T. 0.00 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 218068 |       |       |
| 235     | 66.5 |       | 50.4   | 90.4  |       |
| 272     | 11.5 |       | 0.0    | 31.8  |       |





#41

2,4,6-Tribromophenol

Concen: 145.175 ng

RT: 16.95 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

ClientSampleId :

EPE-L-6(20-22)MS

Tot Ion:330 Resp: 267832

Ion Ratio Lower Upper

330 100

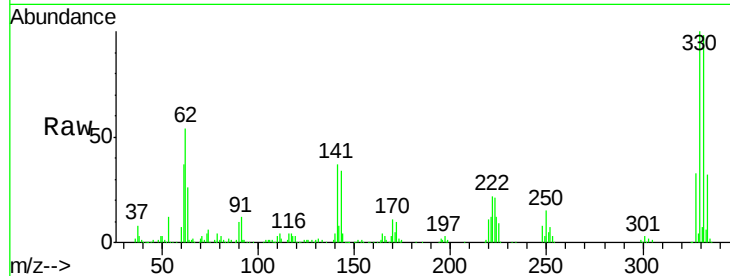
332 94.6 77.0 115.6

141 38.8 25.2 37.8#

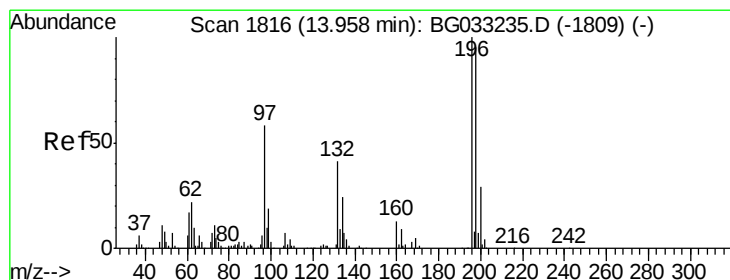
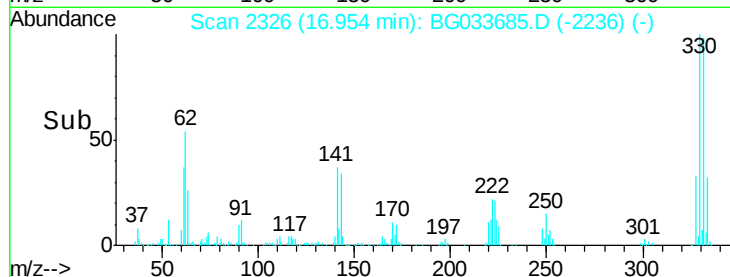
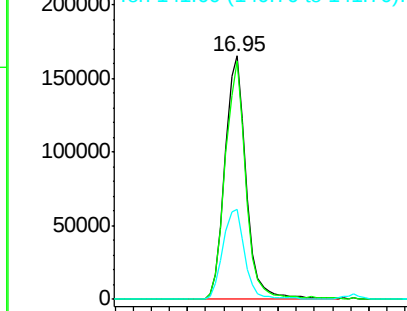
Manual Integrations  
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Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 51.849 ng

RT: 13.92 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

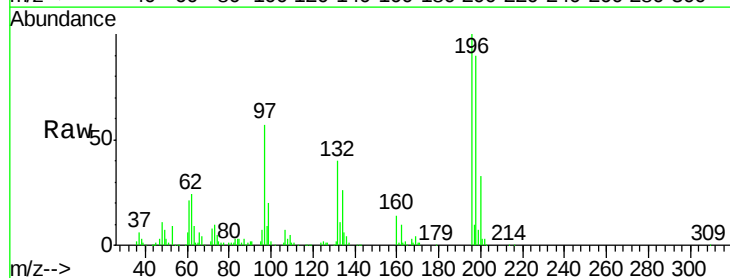
Tgt Ion:196 Resp: 134602

Ion Ratio Lower Upper

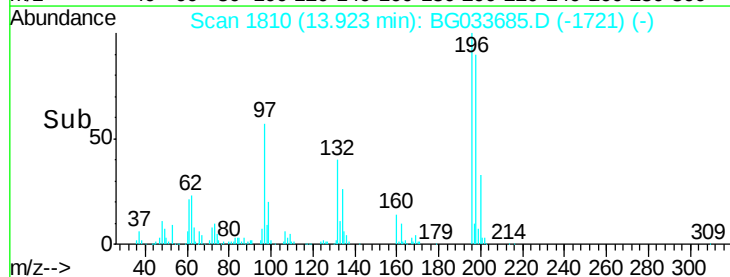
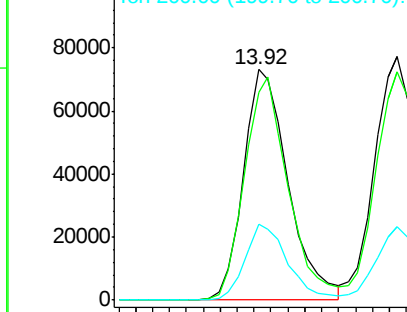
196 100

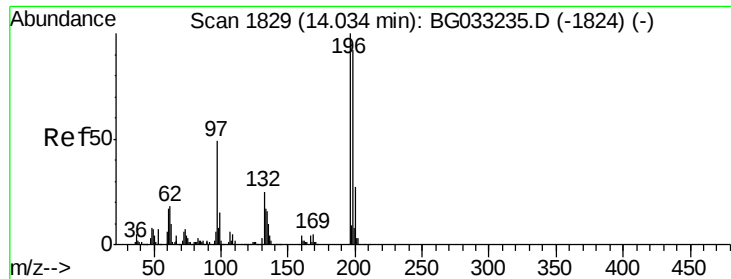
198 90.1 78.2 117.2

200 33.1 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E





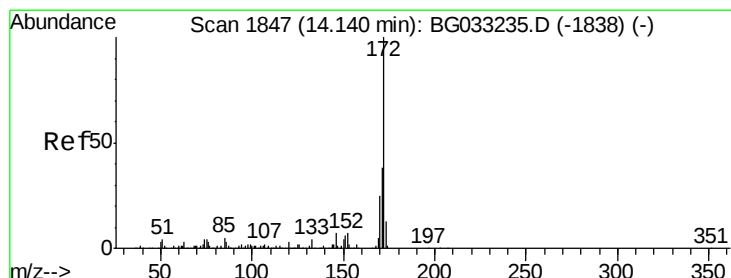
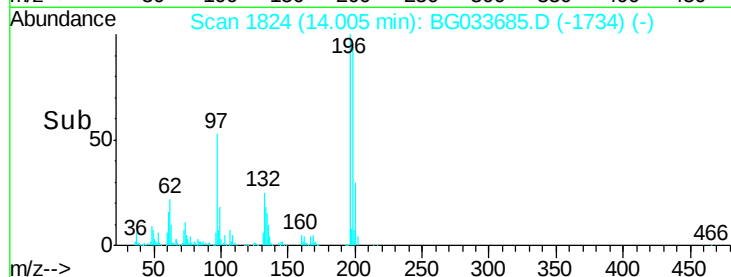
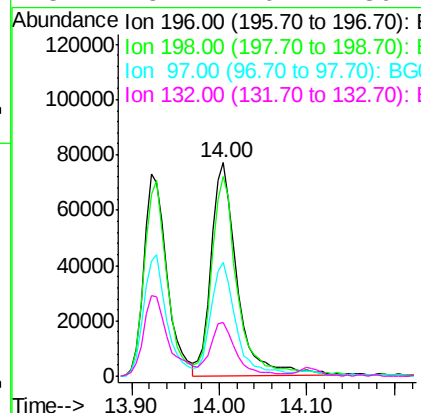
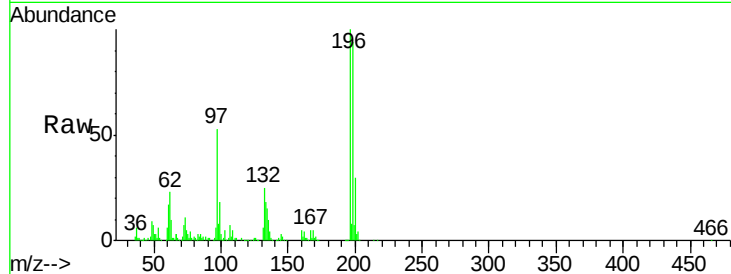
#43  
 2,4,5-Trichlorophenol  
 Concen: 51.557 ng  
 RT: 14.00 min Scan# 1824  
 Delta R.T. 0.00 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-L-6(20-22)MS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 158202 |       |       |
| 198     | 93.6 | 76.2  | 114.4  |       |       |
| 97      | 53.3 | 38.7  | 58.1   |       |       |
| 132     | 25.4 | 20.2  | 30.2   |       |       |

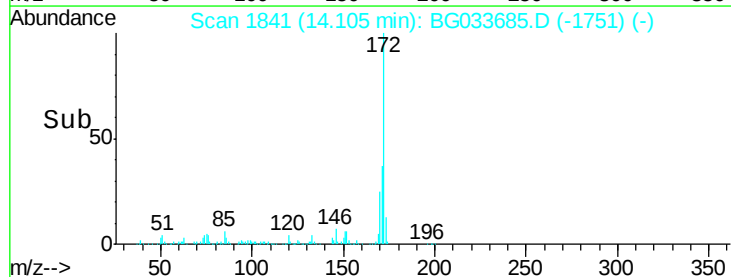
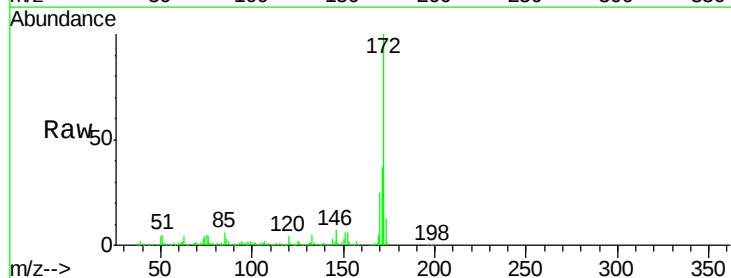
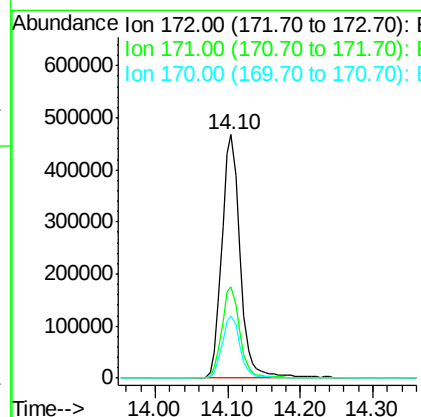
Manual Integrations  
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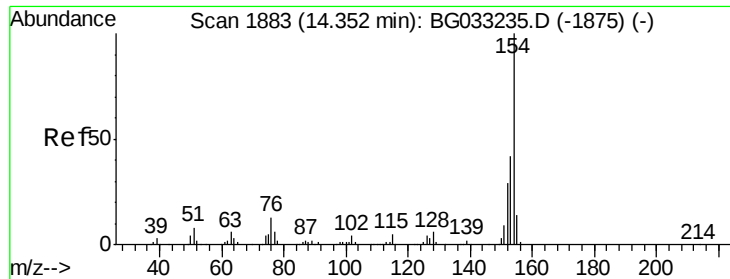
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#44  
 2-Fluorobiphenyl  
 Concen: 96.270 ng  
 RT: 14.10 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 172     | 100  |       | 822588 |       |       |
| 171     | 37.4 | 30.0  | 45.0   |       |       |
| 170     | 25.2 | 19.5  | 29.3   |       |       |





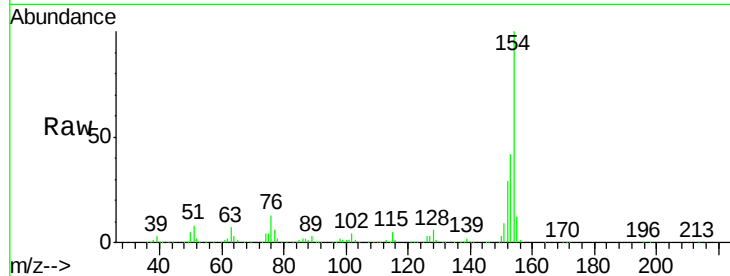
#45  
 1,1'-Biphenyl  
 Concen: 48.607 ng  
 RT: 14.32 min Scan# 1877  
 Delta R.T. -0.01 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-L-6(20-22)MS

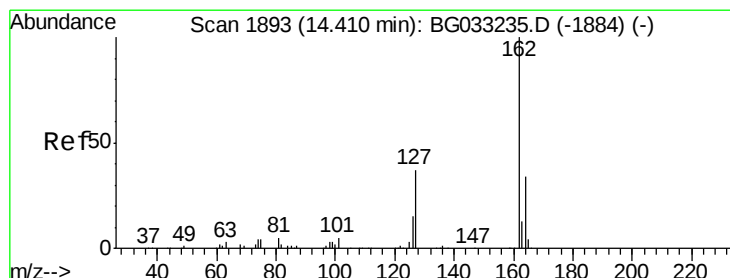
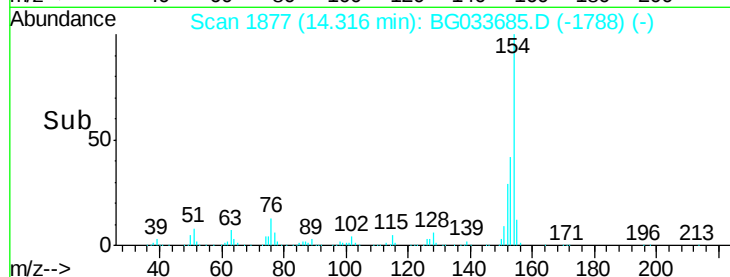
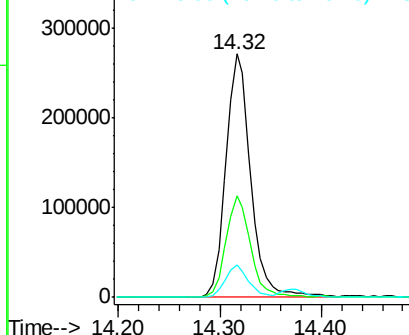
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.9  | 19.8  | 59.8  |
| 76      | 13.2  | 0.0   | 31.9  |

Manual Integrations  
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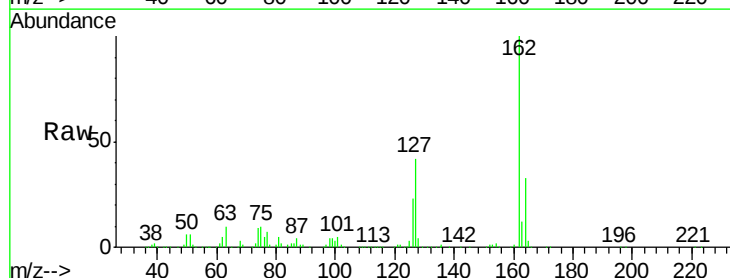


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): B

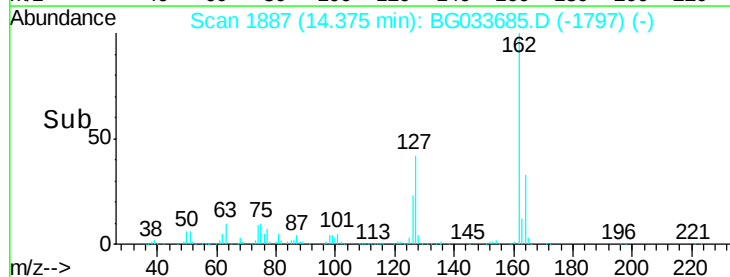
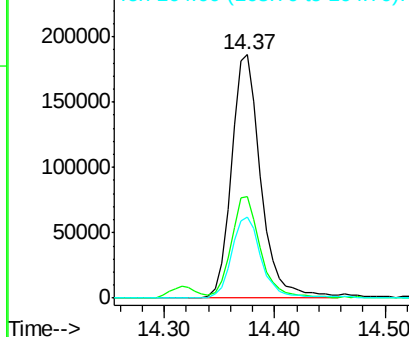


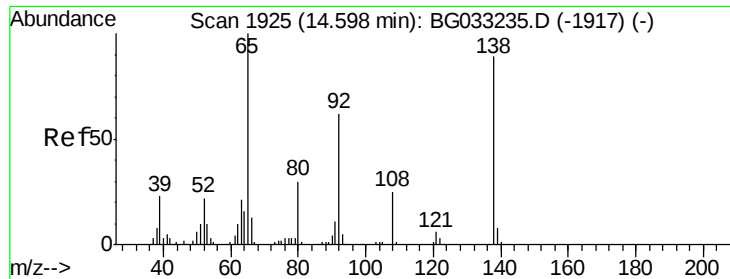
#46  
 2-Chloronaphthalene  
 Concen: 47.638 ng  
 RT: 14.37 min Scan# 1887  
 Delta R.T. 0.00 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.9  | 30.7  | 46.1  |
| 164     | 33.3  | 26.0  | 39.0  |



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





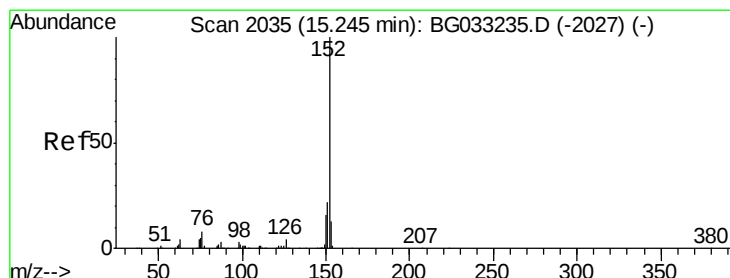
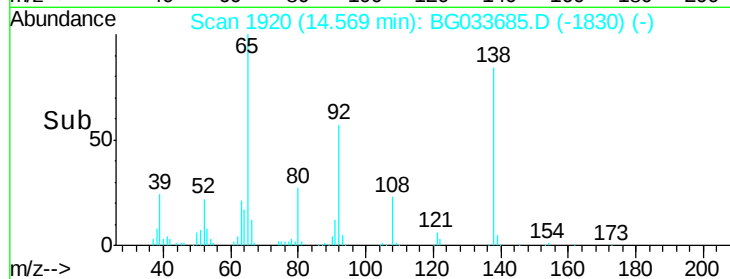
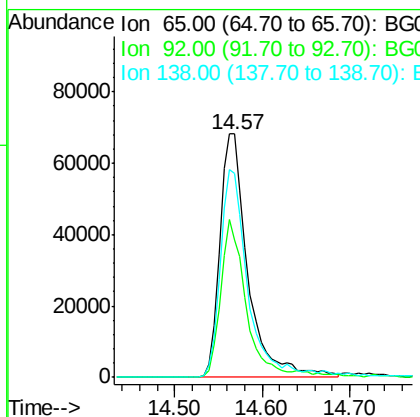
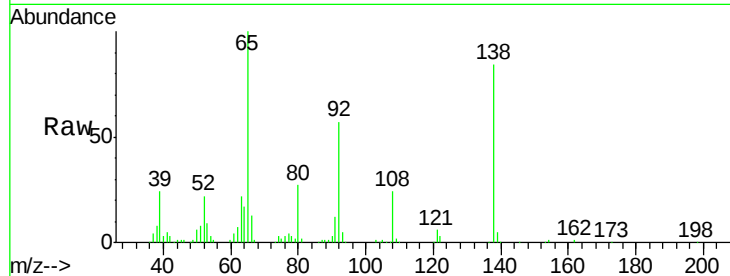
#47  
2-Nitroaniline  
Concen: 55.184 ng  
RT: 14.57 min Scan# 1920  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 151035 |       |       |
| 92      | 56.6  | 54.6   | 82.0  |       |
| 138     | 83.5  | 72.9   | 109.3 |       |

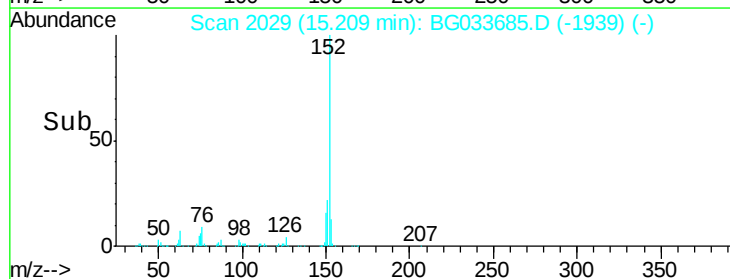
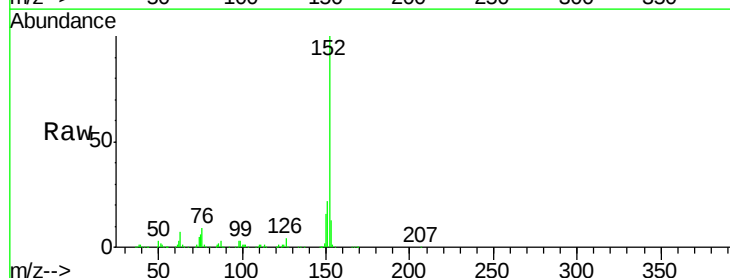
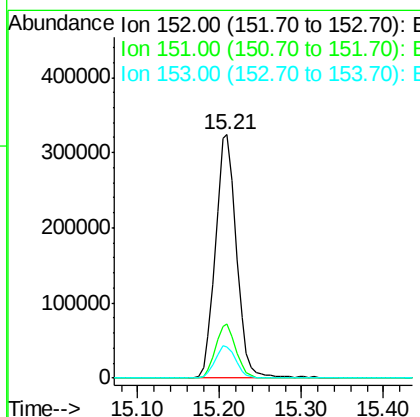
Manual Integrations  
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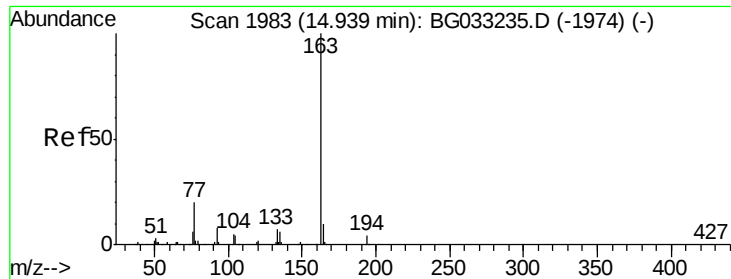
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#48  
Acenaphthylene  
Concen: 47.499 ng  
RT: 15.21 min Scan# 2029  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 579350 |       |       |
| 151     | 22.1  | 17.2   | 25.8  |       |
| 153     | 13.0  | 10.2   | 15.4  |       |





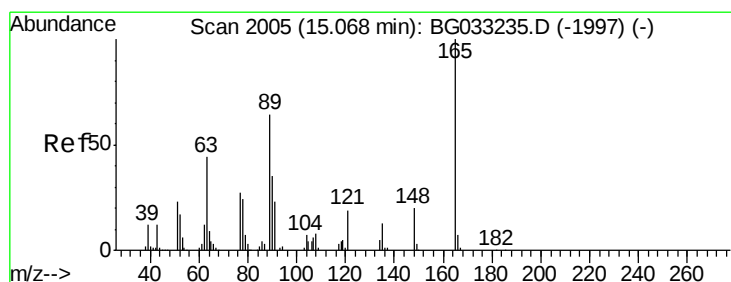
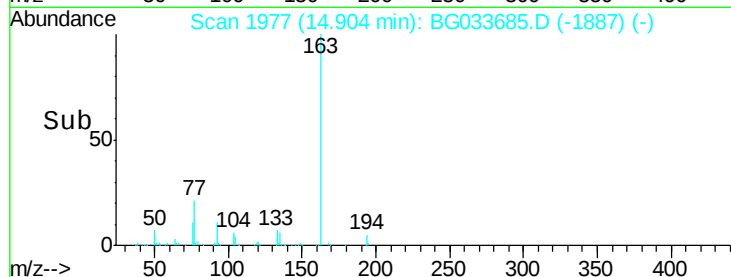
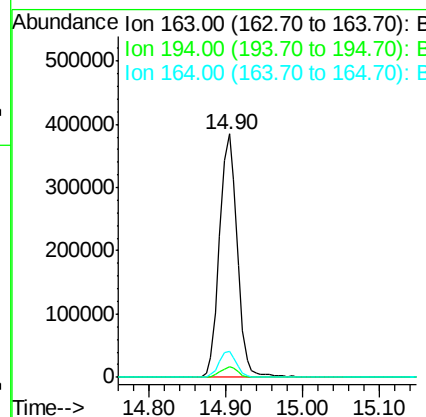
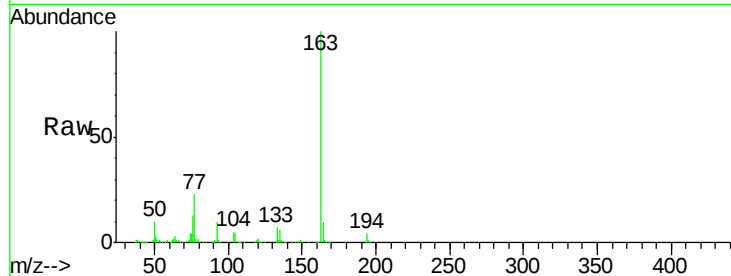
#49  
Dimethylphthalate  
Concen: 56.965 ng  
RT: 14.90 min Scan# 1977  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 611522 |       |       |
| 194     | 4.3   |        | 3.4   | 5.2   |
| 164     | 10.4  |        | 8.2   | 12.4  |

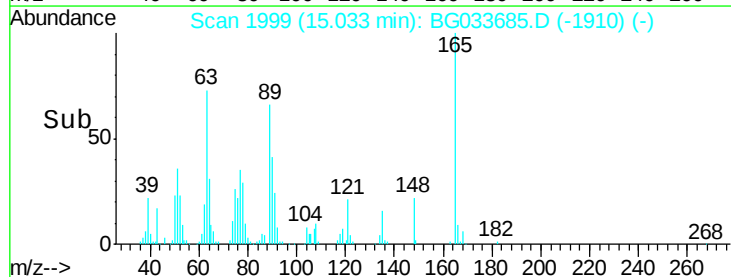
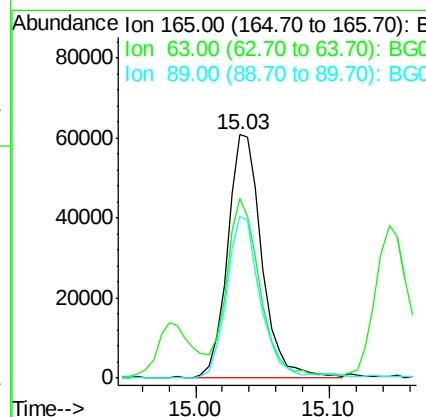
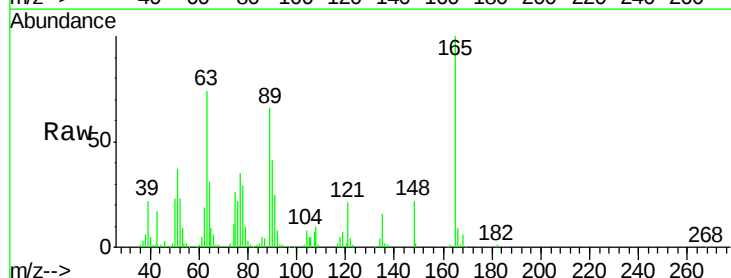
Manual Integrations  
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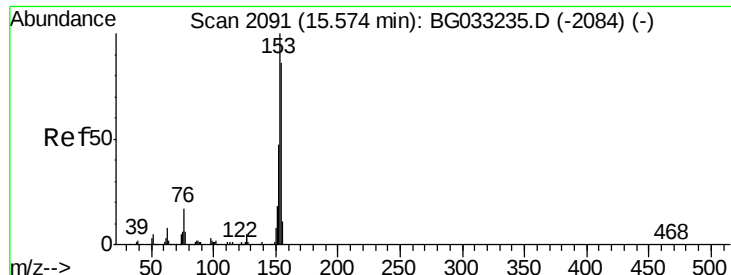
Sohil  
4/10/2018 3:36:37 PM



#50  
2,6-Dinitrotoluene  
Concen: 49.868 ng  
RT: 15.03 min Scan# 1999  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 109462 |       |       |
| 63      | 73.7  |        | 52.7  | 79.1  |
| 89      | 66.3  |        | 49.2  | 73.8  |





#51

Acenaphthene

Concen: 49.049 ng

RT: 15.54 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

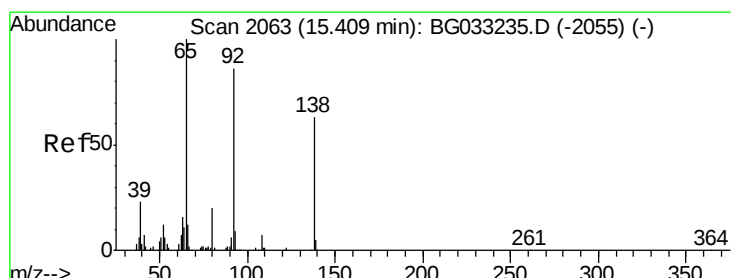
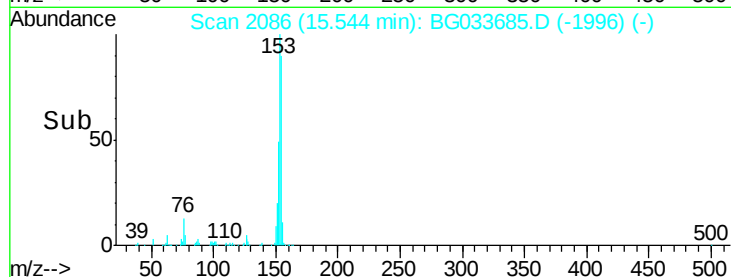
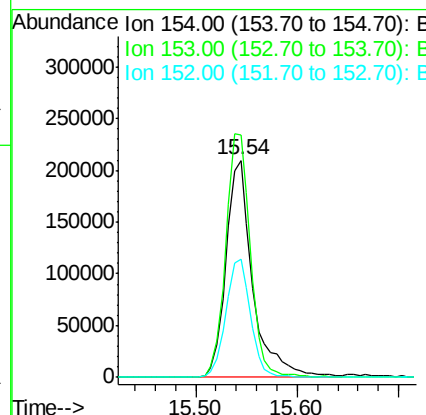
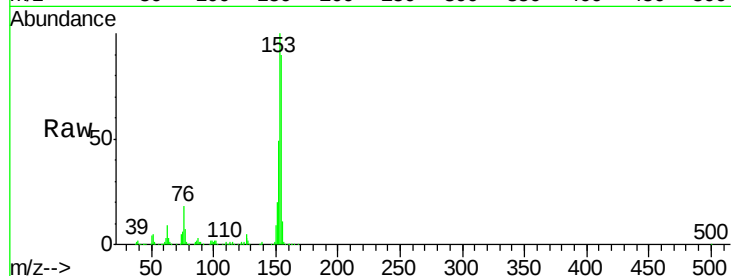
ClientSampleId :

EPE-L-6(20-22)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 385662 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 111.7 | 90.4  | 135.6  |
| 152       | 54.7  | 41.6  | 62.4   |

Manual Integrations  
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#52

3-Nitroaniline

Concen: 31.872 ng

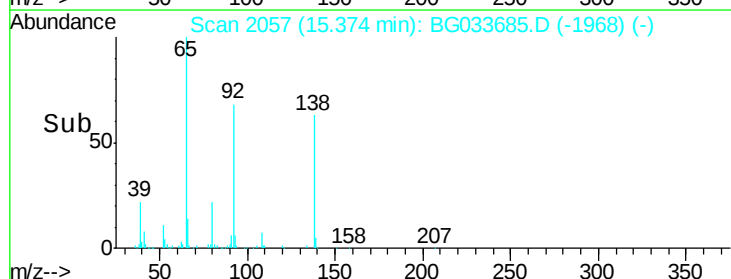
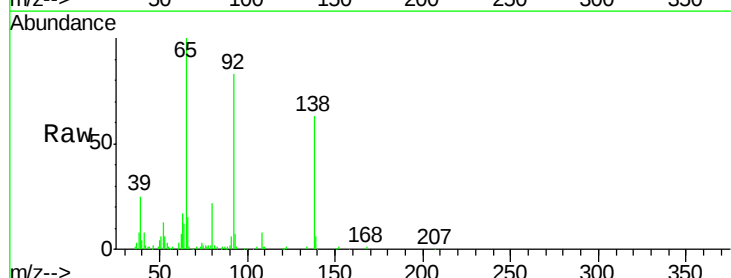
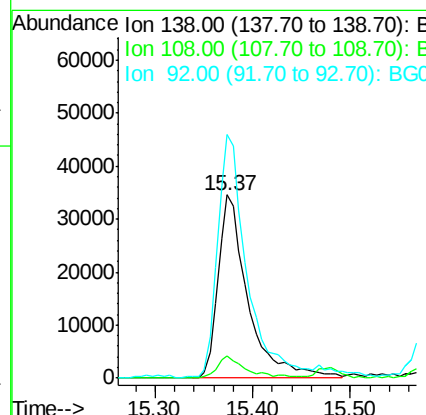
RT: 15.37 min Scan# 2057

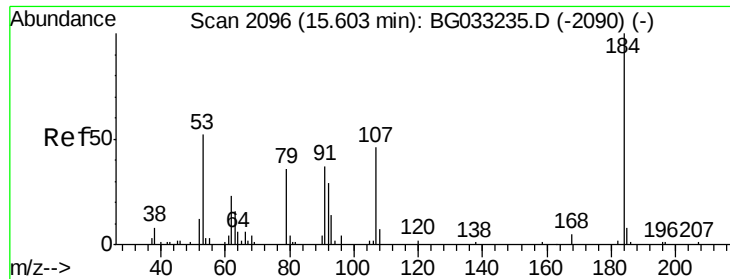
Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 73345 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 12.4  | 17.5  | 26.3# |
| 92        | 132.9 | 105.8 | 158.8 |





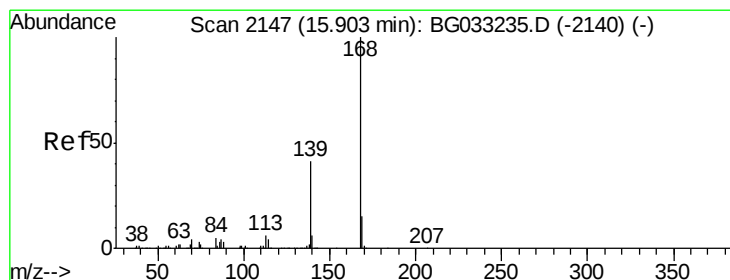
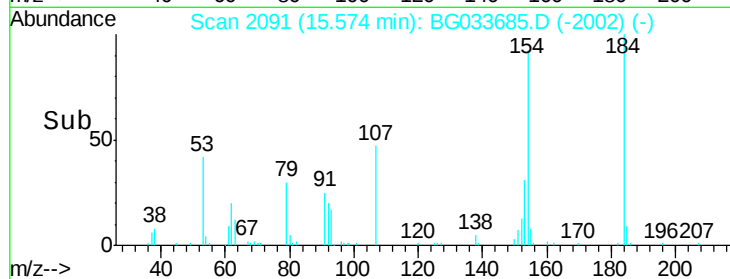
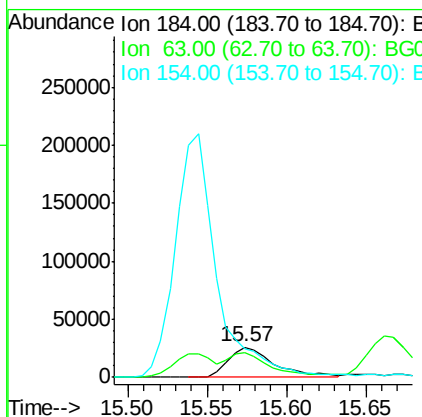
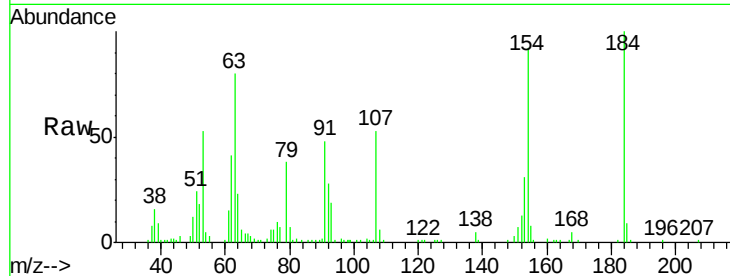
#53  
2,4-Dinitrophenol  
Concen: 49.463 ng  
RT: 15.57 min Scan# 2091  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 80.0  | 59.8  | 89.8   |
| 154     | 92.4  | 101.8 | 152.8# |

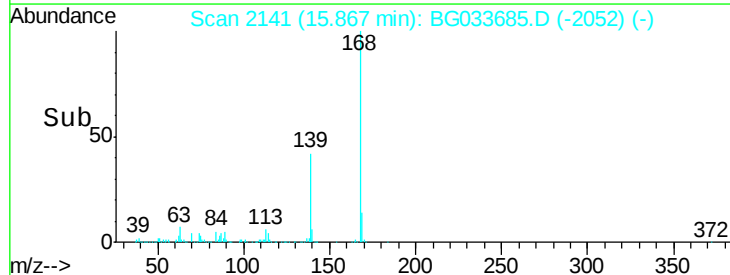
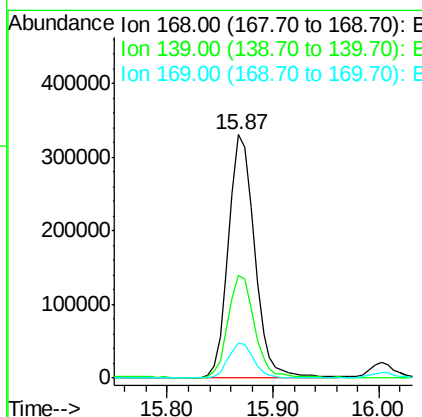
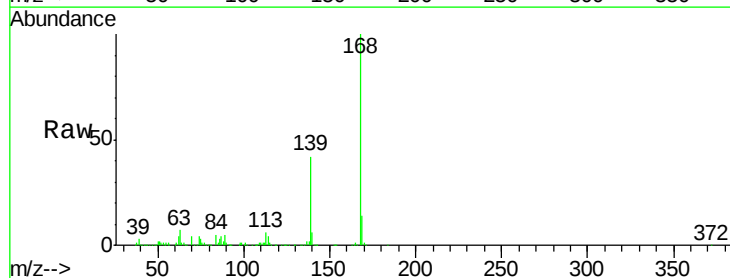
Manual Integrations  
APPROVED

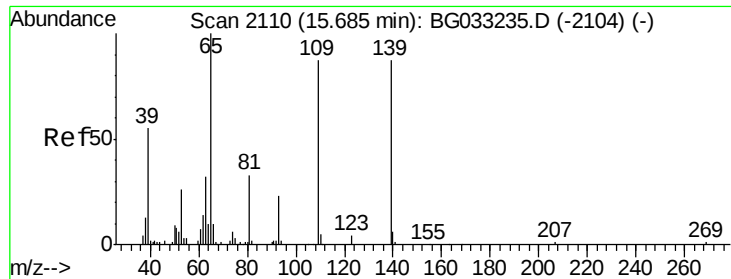
Sohil  
4/10/2018 3:36:37 PM



#54  
Dibenzofuran  
Concen: 49.023 ng  
RT: 15.87 min Scan# 2141  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 42.5  | 28.6  | 43.0  |
| 169     | 14.4  | 11.2  | 16.8  |





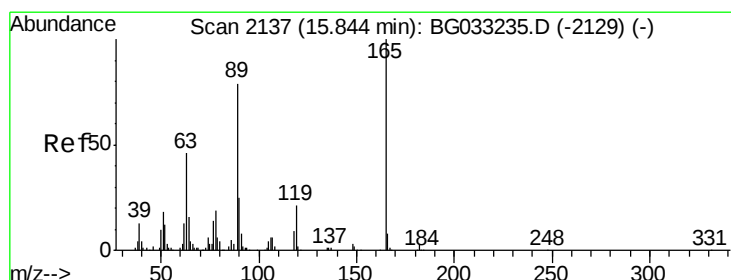
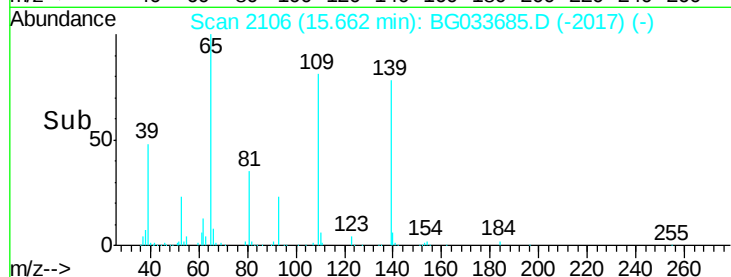
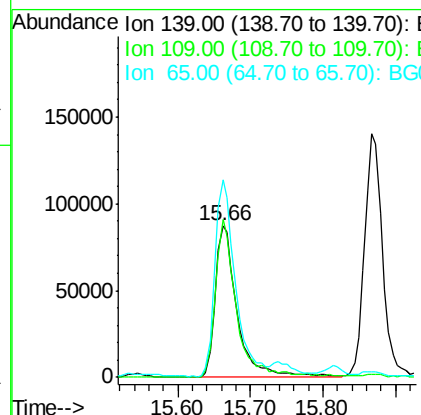
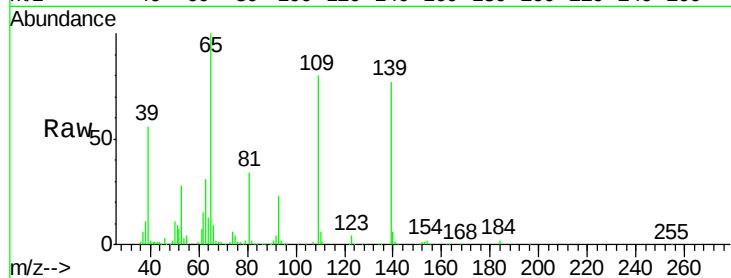
#55  
4-Nitrophenol  
Concen: 114.185 ng  
RT: 15.66 min Scan# 2106  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 104.4 | 62.2  | 102.2# |
| 65      | 130.6 | 97.2  | 137.2  |

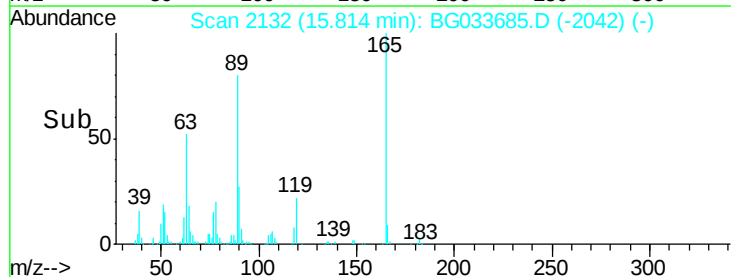
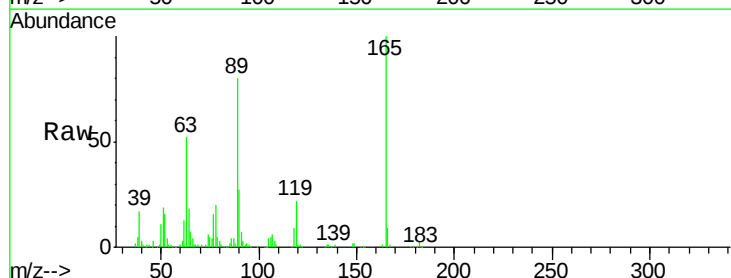
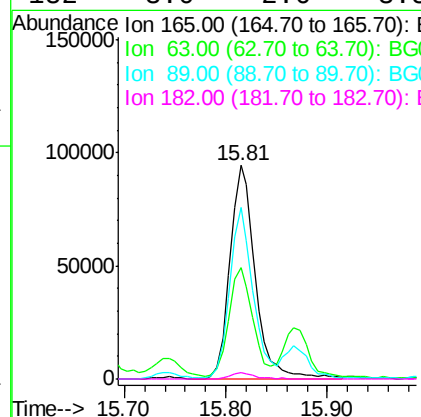
Manual Integrations  
APPROVED

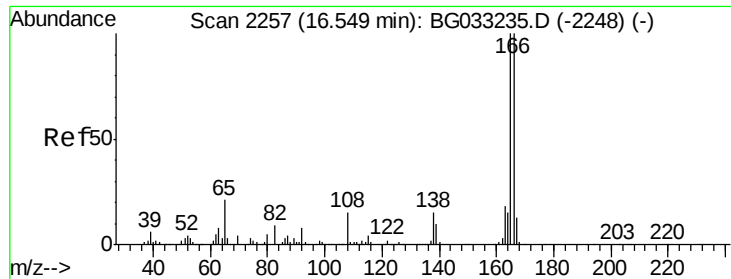
Sohil  
4/10/2018 3:36:37 PM



#56  
2,4-Dinitrotoluene  
Concen: 50.690 ng  
RT: 15.81 min Scan# 2132  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 52.3  | 42.0  | 63.0  |
| 89      | 80.5  | 66.9  | 100.3 |
| 182     | 3.0   | 2.6   | 3.8   |





#57

Fluorene

Concen: 48.494 ng

RT: 16.51 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

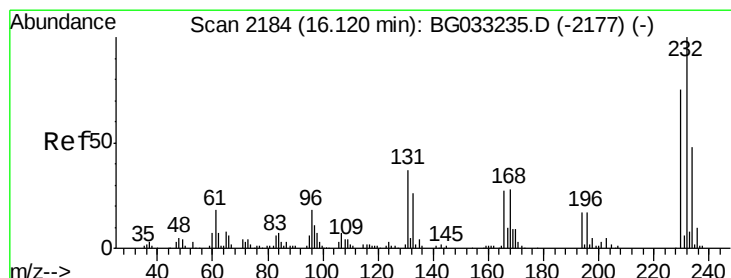
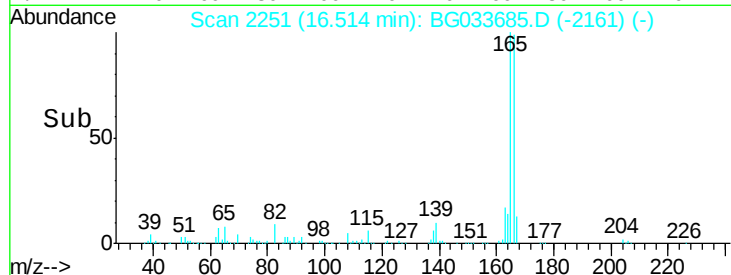
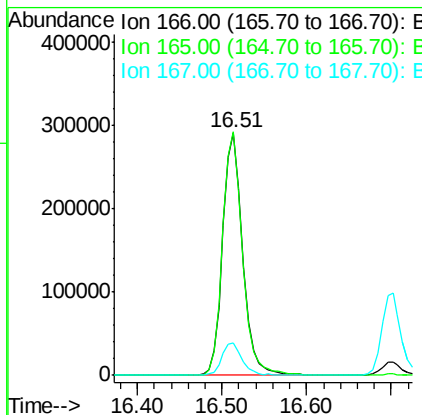
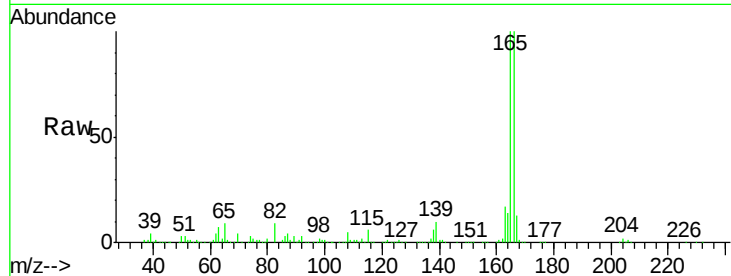
ClientSampleId :

EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.2 | 80.6  | 121.0 |
| 167     | 13.3  | 10.4  | 15.6  |

Manual Integrations  
APPROVED

Sohil  
4/10/2018 3:36:37 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.319 ng

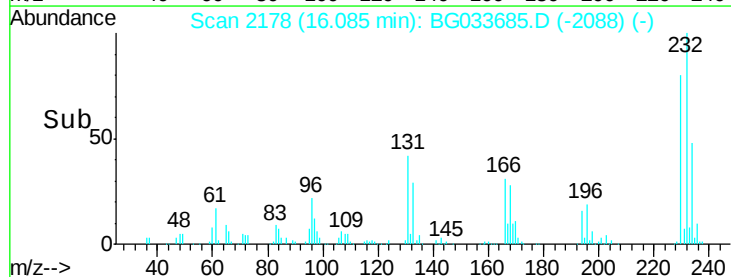
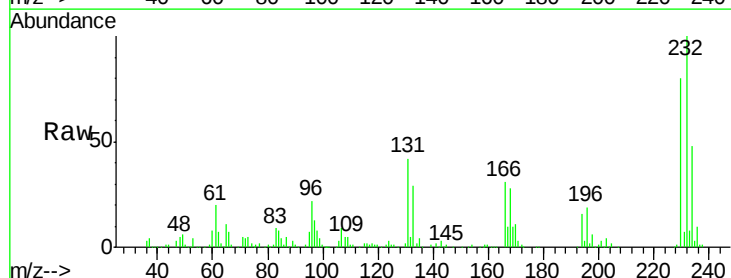
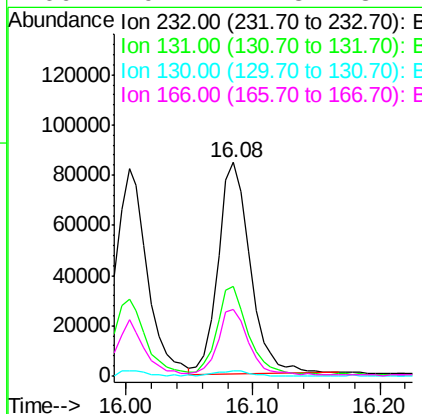
RT: 16.08 min Scan# 2178

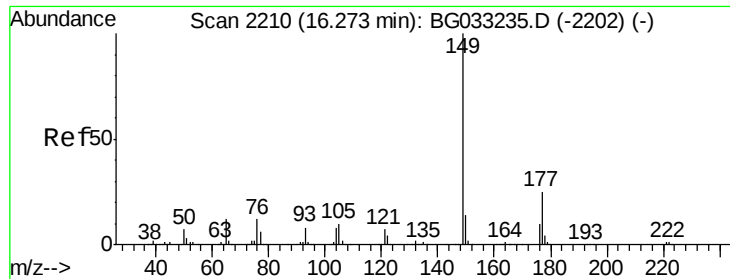
Delta R.T. 0.00 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.5  | 33.5  | 50.3  |
| 130     | 2.7   | 2.2   | 3.2   |
| 166     | 29.1  | 24.8  | 37.2  |





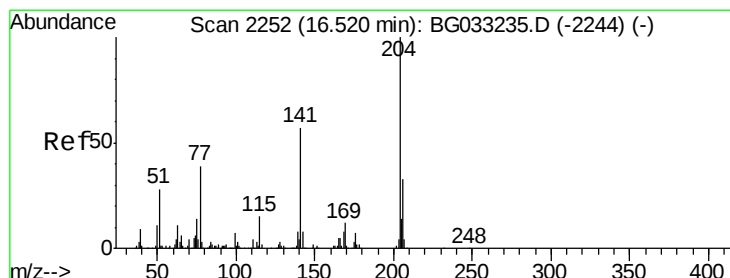
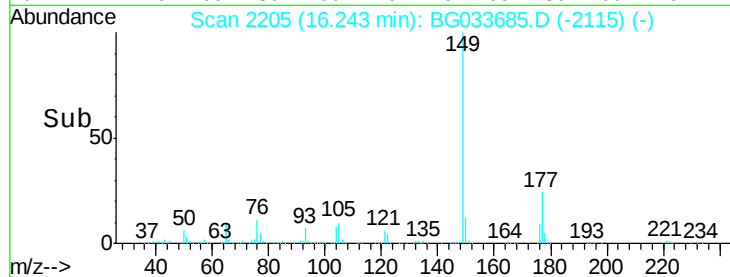
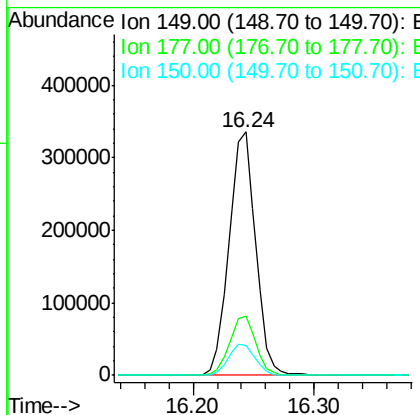
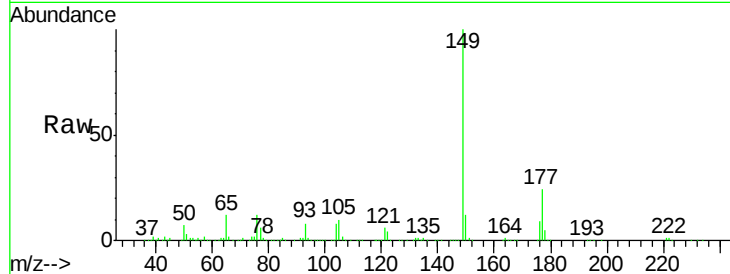
#59  
Diethylphthalate  
Concen: 49.317 ng  
RT: 16.24 min Scan# 2205  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.2  | 18.5  | 27.7  |
| 150     | 12.4  | 10.2  | 15.2  |

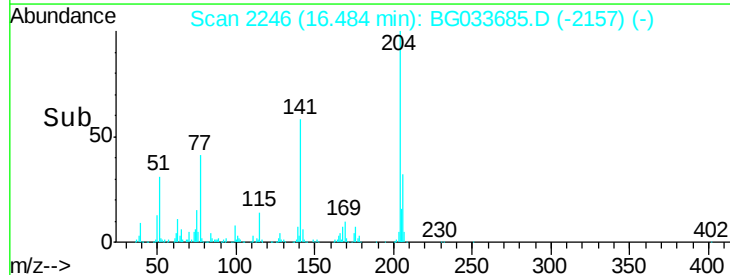
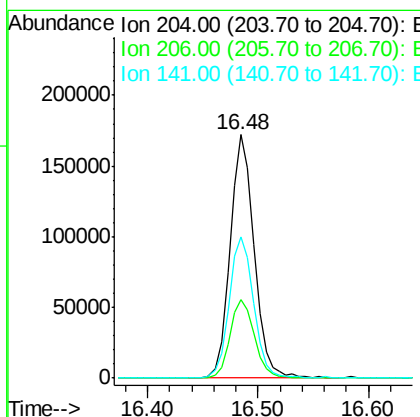
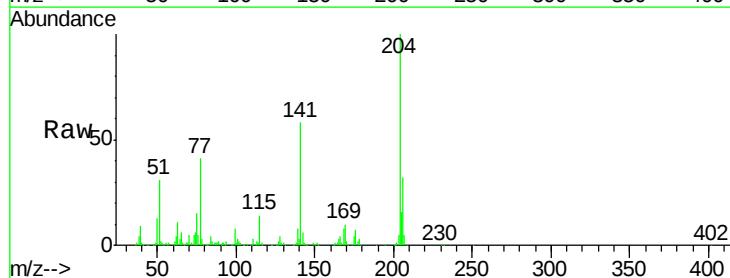
Manual Integrations  
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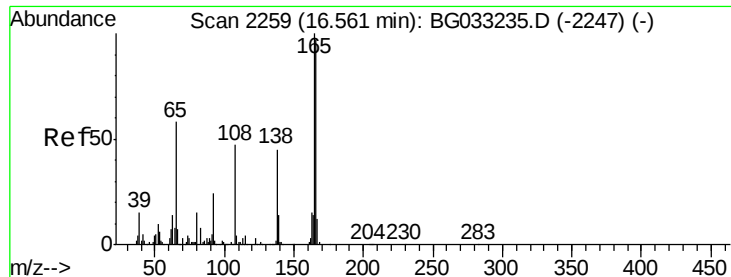
Sohil  
4/10/2018 3:36:37 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 46.268 ng  
RT: 16.48 min Scan# 2246  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.3  | 26.2  | 39.2  |
| 141     | 57.9  | 45.8  | 68.6  |





#61

4-Nitroaniline

Concen: 49.806 ng

RT: 16.53 min Scan# 2254

Delta R.T. 0.00 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

ClientSampleId :

EPE-L-6(20-22)MS

Tot Ion:138 Resp: 116068

Ion Ratio Lower Upper

138 100

92 58.4 40.1 80.1

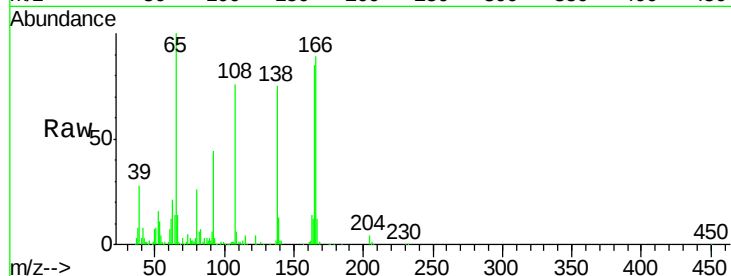
108 101.4 65.4 105.4

Manual Integrations

APPROVED

Sohil

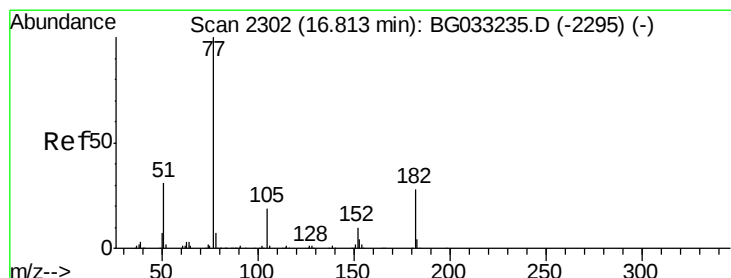
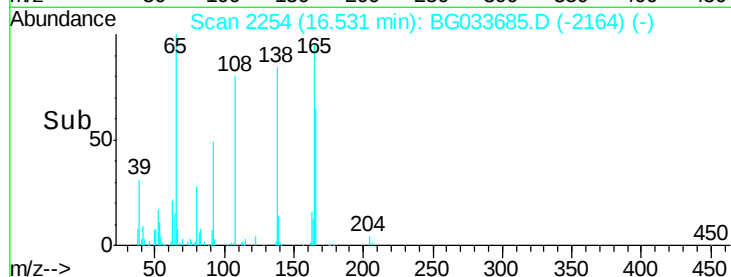
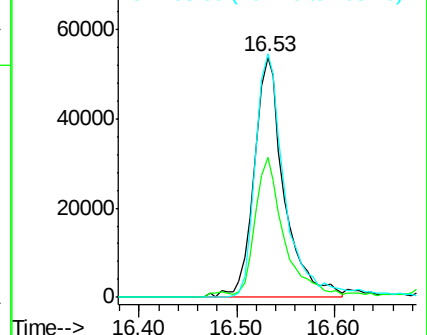
4/10/2018 3:36:37 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.550 ng

RT: 16.78 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Tgt Ion: 77 Resp: 520531

Ion Ratio Lower Upper

77 100

182 23.8 7.4 47.4

105 17.8 0.3 40.3

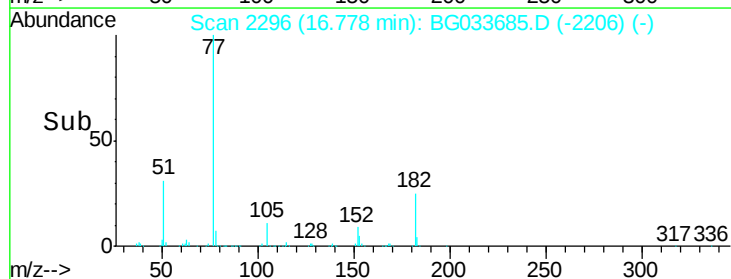
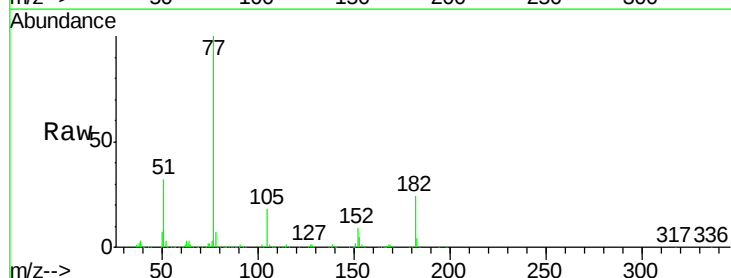
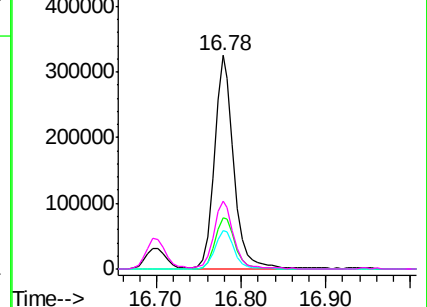
51 31.7 11.6 51.6

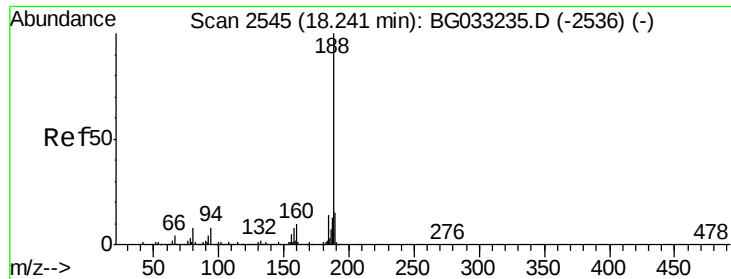
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





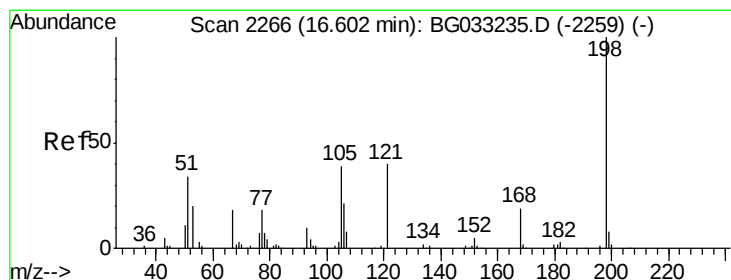
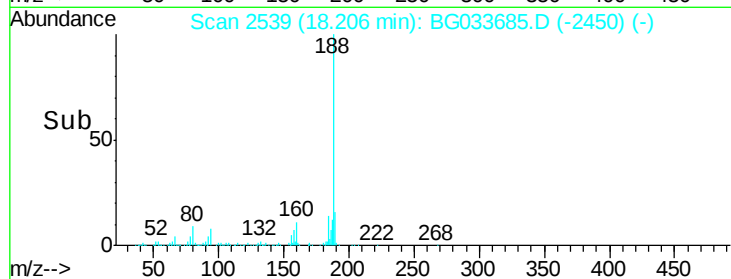
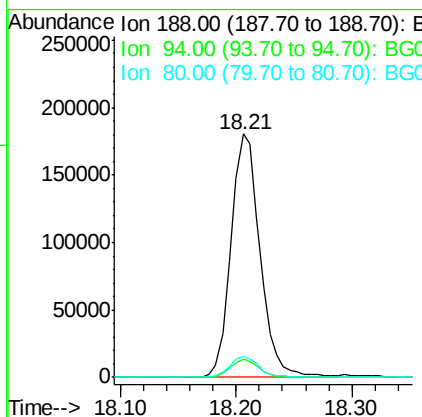
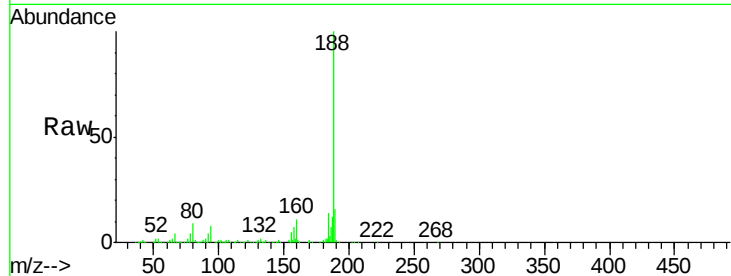
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.21 min Scan# 2539  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 314244 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 7.7   | 6.9   | 10.3   |
| 80        | 8.8   | 7.7   | 11.5   |

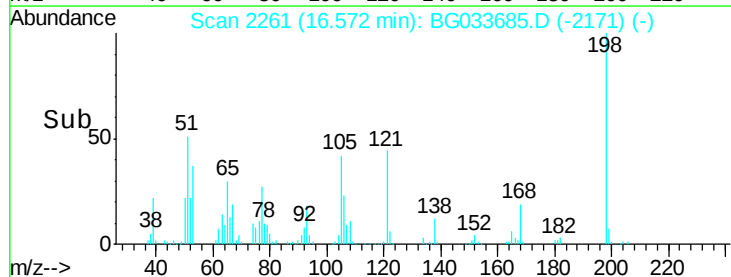
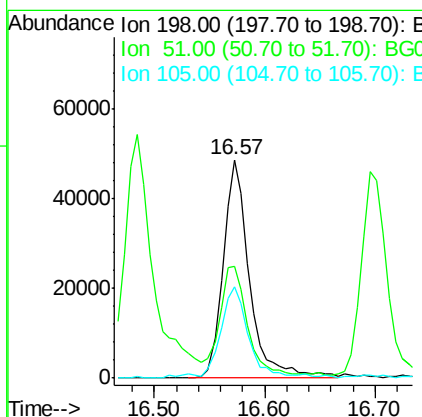
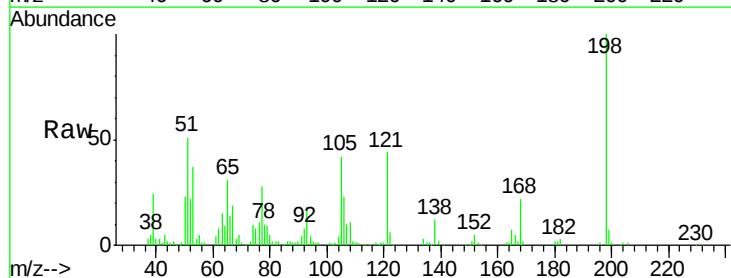
Manual Integrations  
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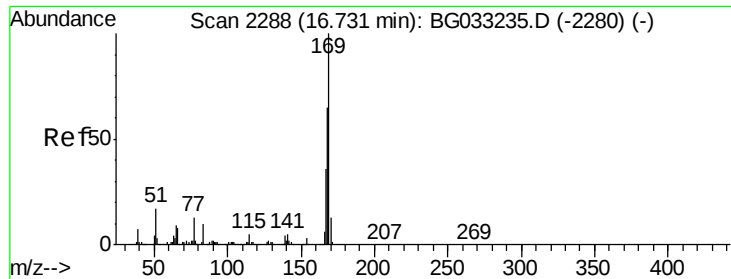
Sohil  
4/10/2018 3:36:37 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 43.088 ng  
RT: 16.57 min Scan# 2261  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 81001 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 51.1  | 30.6  | 70.6  |
| 105       | 41.8  | 23.8  | 63.8  |





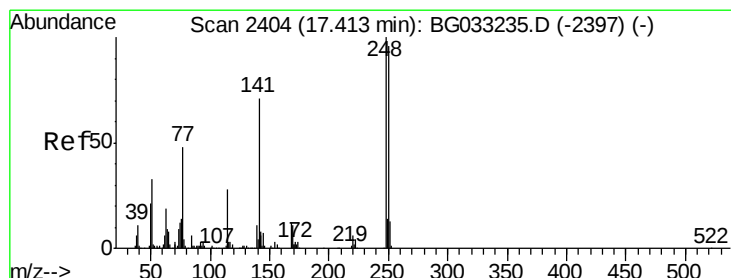
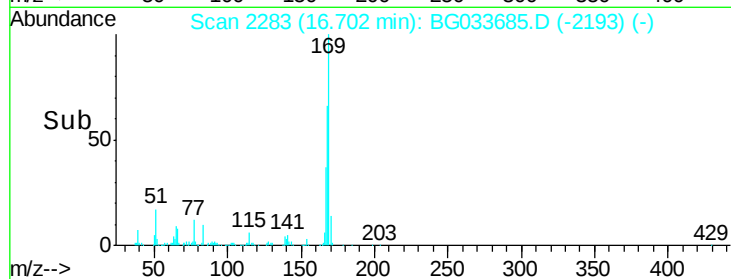
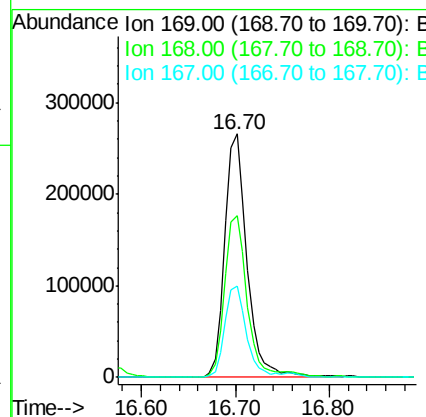
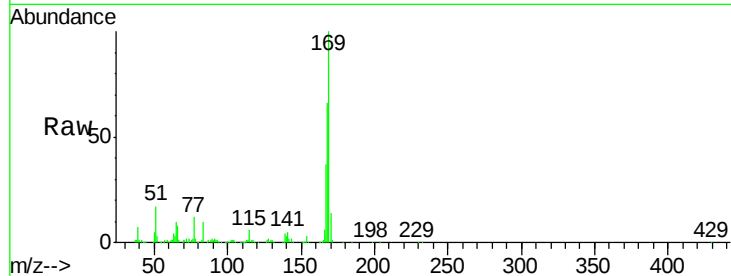
#65  
n-Nitrosodiphenylamine  
Concen: 49.046 ng  
RT: 16.70 min Scan# 2283  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.2  | 55.7  | 83.5  |
| 167     | 37.3  | 30.1  | 45.1  |

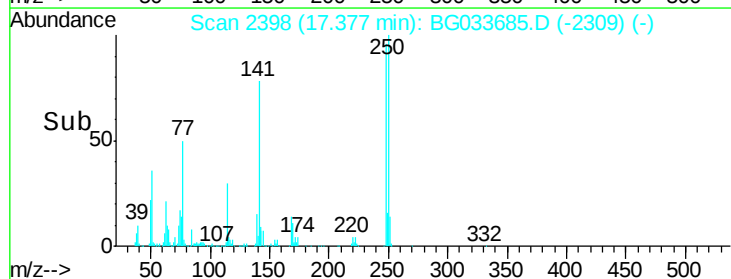
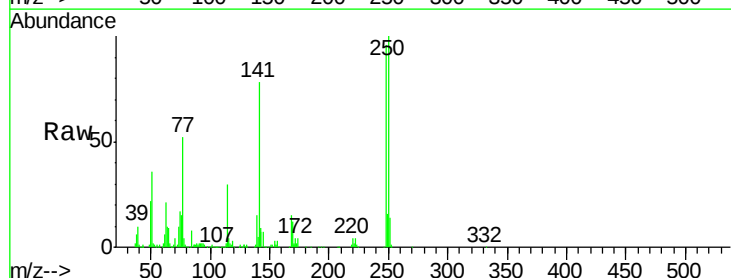
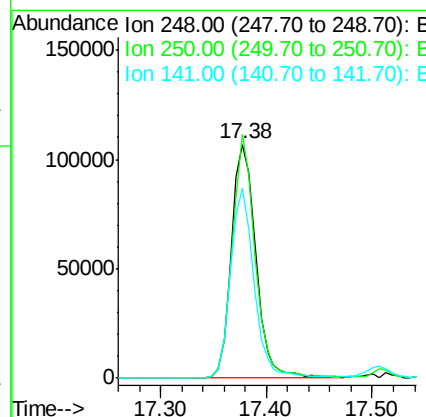
Manual Integrations  
APPROVED

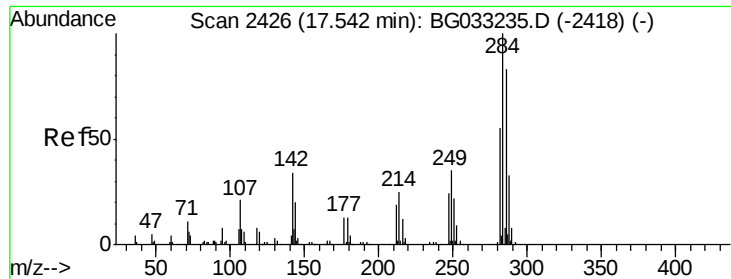
Sohil  
4/10/2018 3:36:37 PM



#66  
4-Bromophenyl-phenylether  
Concen: 46.464 ng  
RT: 17.38 min Scan# 2398  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 104.1 | 77.1  | 115.7 |
| 141     | 80.9  | 50.8  | 76.2  |





#67

Hexachlorobenzene

Concen: 45.123 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

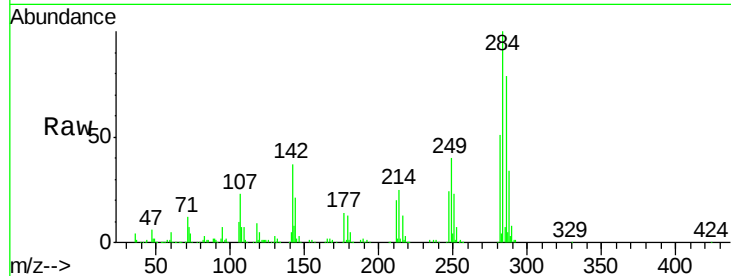
ClientSampleId :

EPE-L-6(20-22)MS

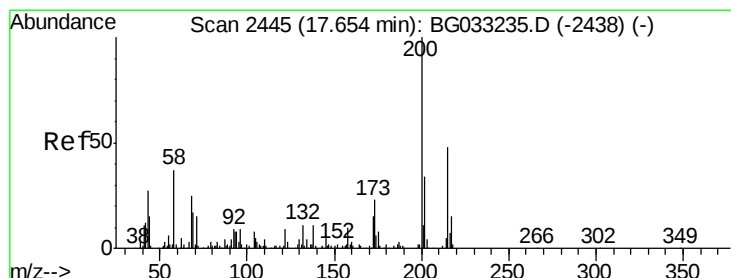
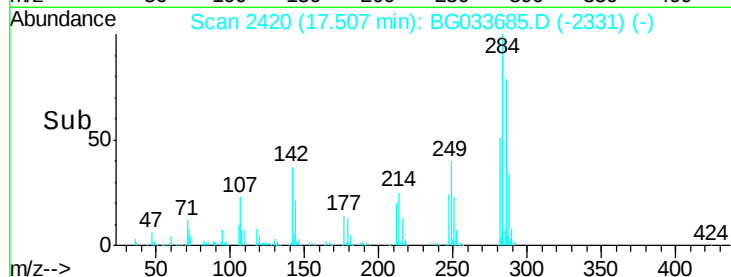
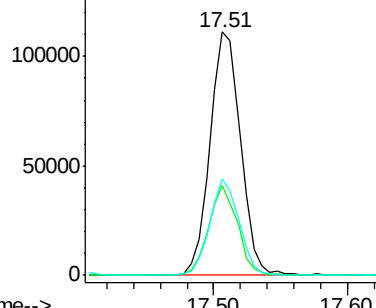
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 175747 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 37.1  | 26.8  | 40.2   |
| 249       | 43.5  | 26.3  | 39.5#  |

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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: 52.269 ng

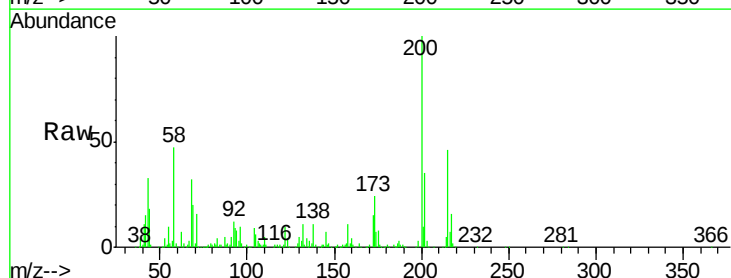
RT: 17.62 min Scan# 2439

Delta R.T. 0.00 min

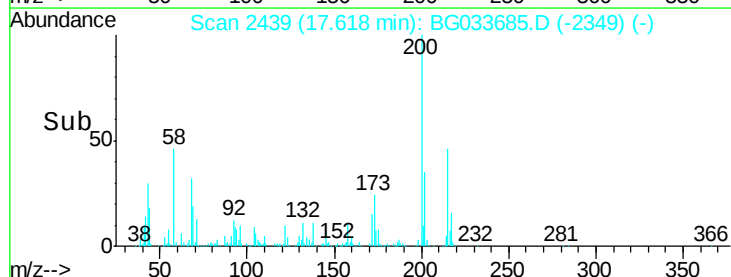
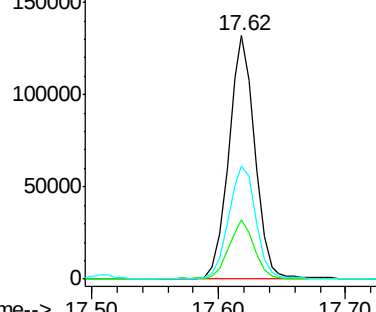
Lab File: BG033685.D

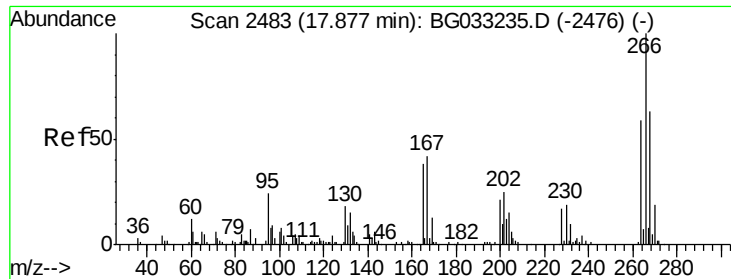
Acq: 9 Apr 2018 17:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 190013 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 24.2  | 5.2   | 45.2   |
| 215       | 46.3  | 30.4  | 70.4   |



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





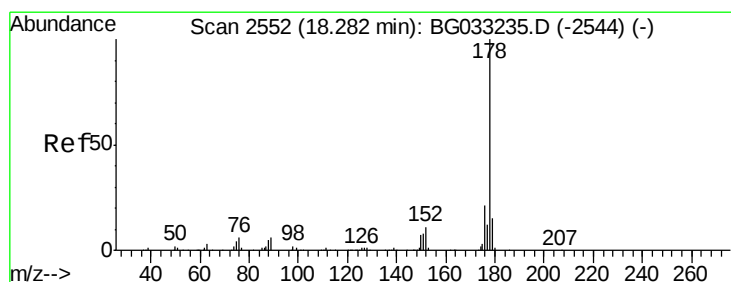
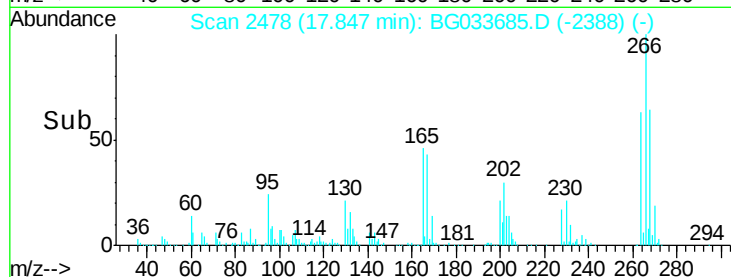
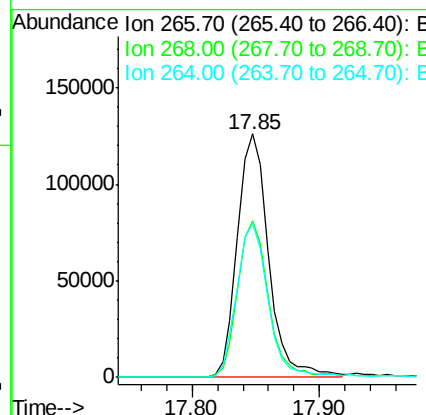
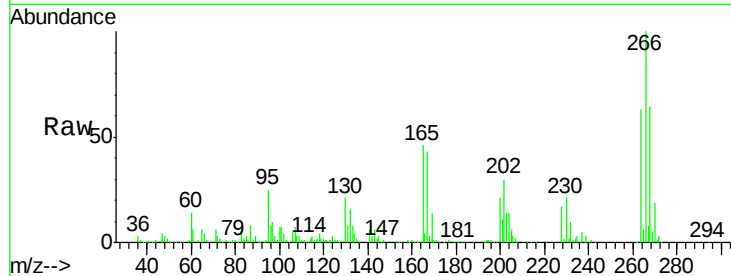
#69  
 Pentachlorophenol  
 Concen: 80.770 ng  
 RT: 17.85 min Scan# 2478  
 Delta R.T. 0.00 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.2  | 51.1  | 76.7  |
| 264     | 63.5  | 49.6  | 74.4  |

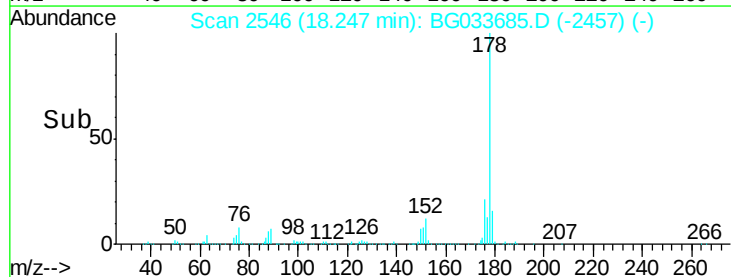
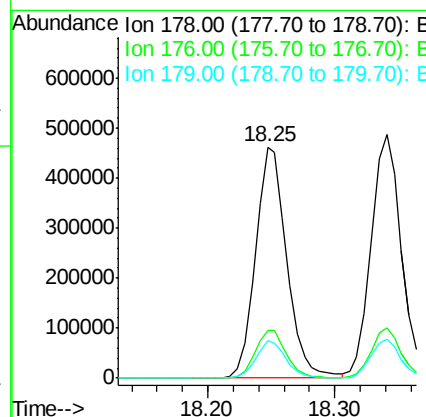
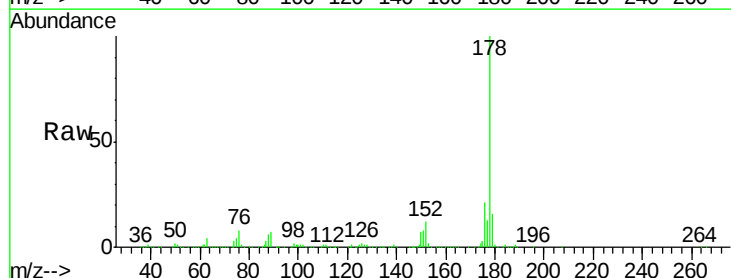
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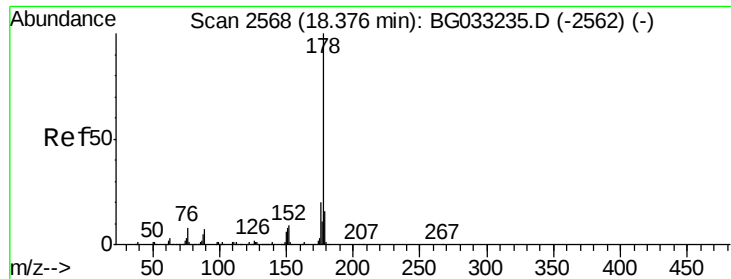
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#70  
 Phenanthrene  
 Concen: 48.213 ng  
 RT: 18.25 min Scan# 2546  
 Delta R.T. -0.01 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.8  | 15.7  | 23.5  |
| 179     | 16.3  | 12.5  | 18.7  |





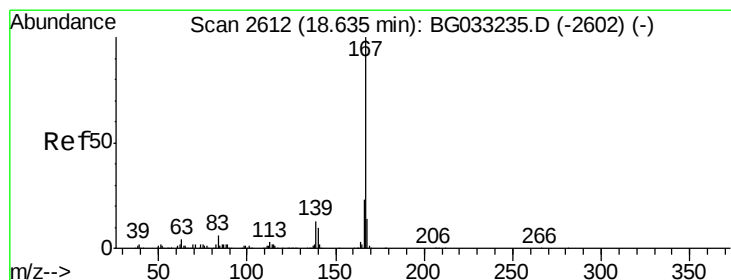
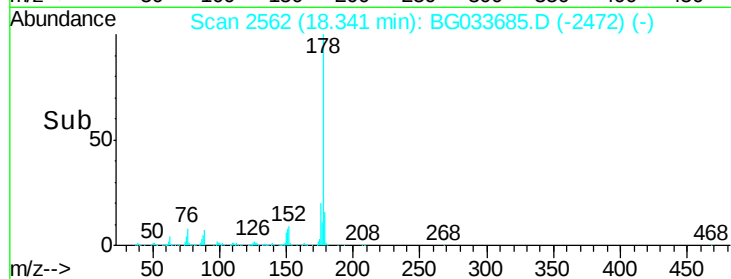
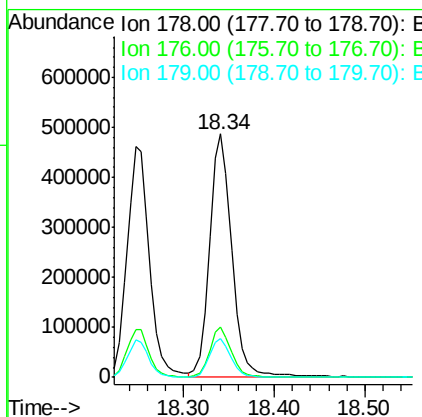
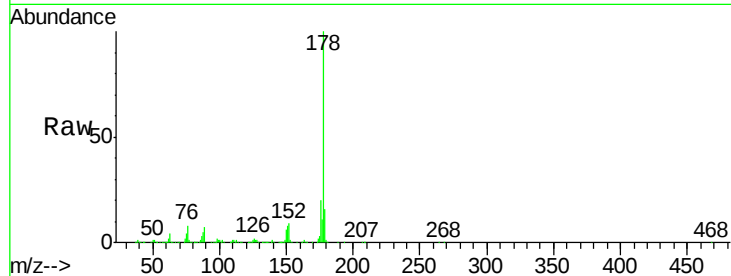
#71  
 Anthracene  
 Concen: 49.519 ng  
 RT: 18.34 min Scan# 2562  
 Delta R.T. 0.00 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.5  | 16.0  | 24.0  |
| 179     | 16.0  | 12.5  | 18.7  |

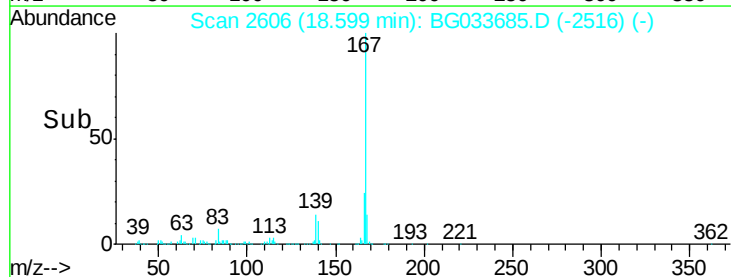
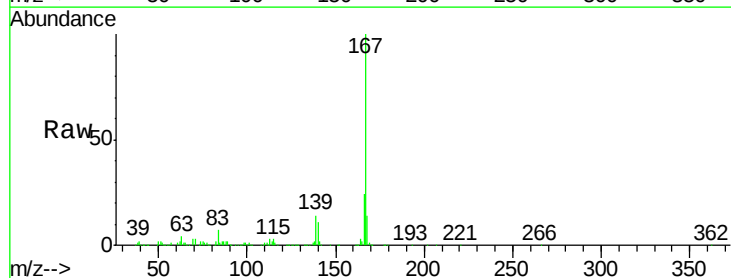
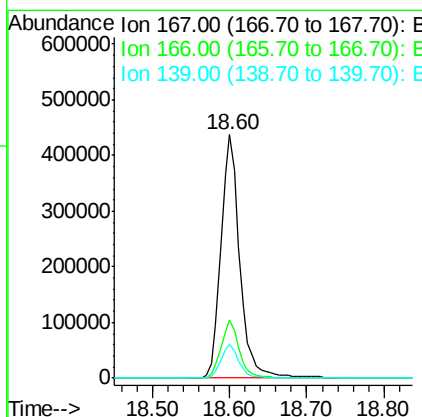
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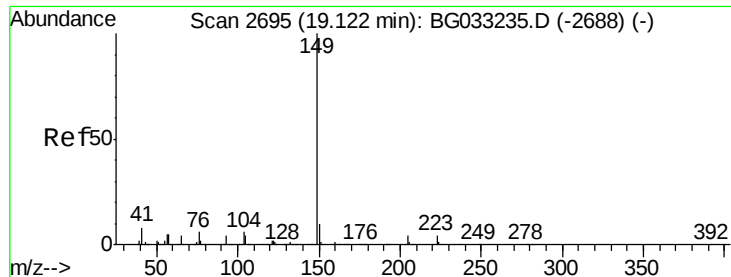
Sohil  
 4/10/2018 3:36:37 PM



#72  
 Carbazole  
 Concen: 50.425 ng  
 RT: 18.60 min Scan# 2606  
 Delta R.T. 0.00 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.0  | 18.2  | 27.4  |
| 139     | 13.9  | 9.4   | 14.2  |





#73

Di-n-butylphthalate

Concen: 51.310 ng

RT: 19.09 min Scan# 2689

Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

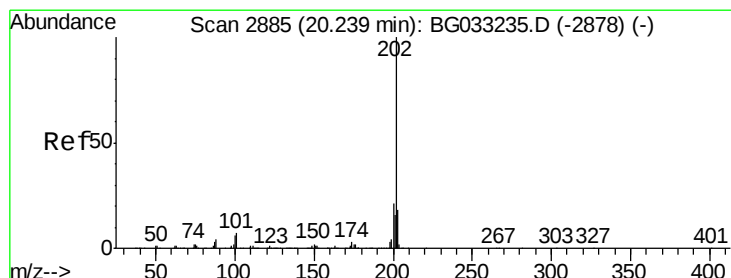
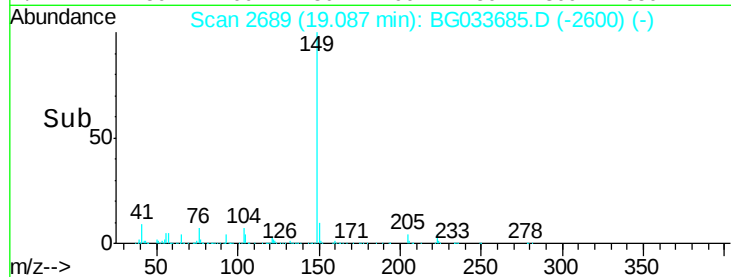
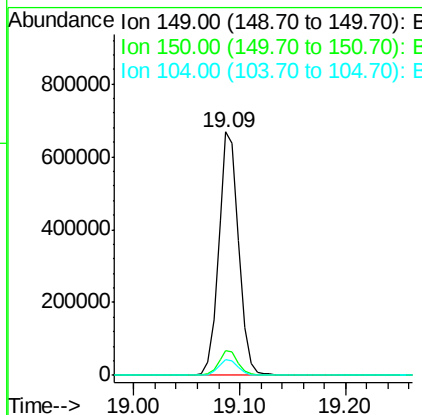
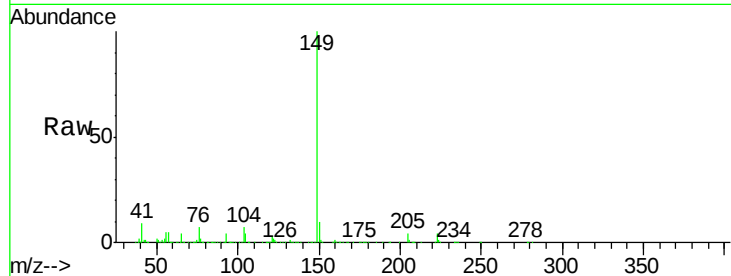
ClientSampleId :

EPE-L-6(20-22)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 876978 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 10.0  | 7.8   | 11.6   |
| 104       | 6.7   | 3.9   | 5.9    |

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#74

Fluoranthene

Concen: 48.935 ng

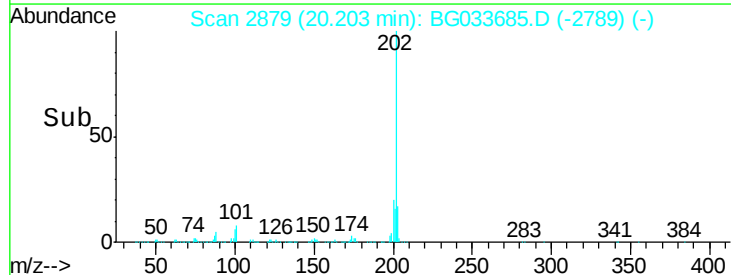
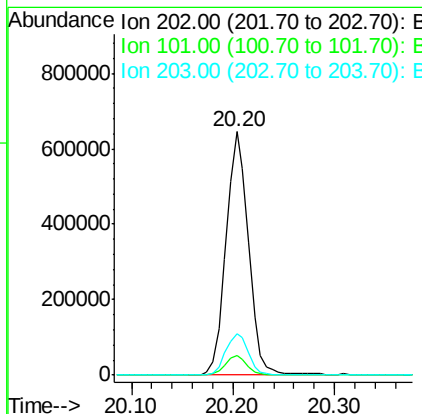
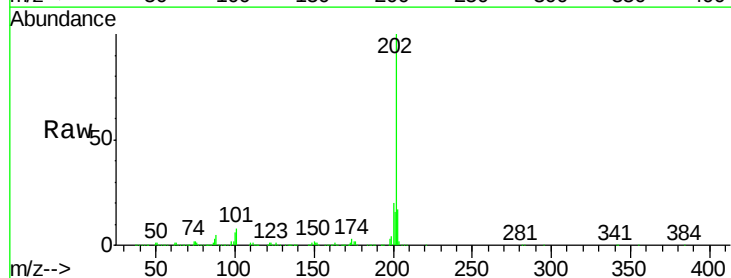
RT: 20.20 min Scan# 2879

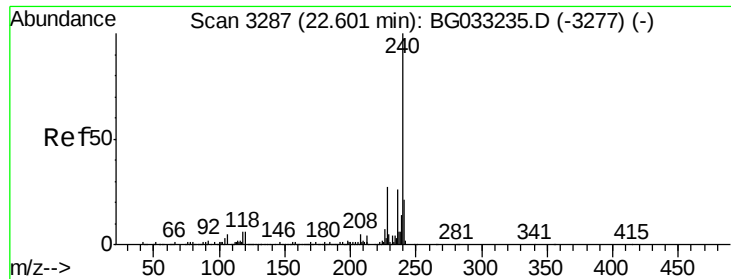
Delta R.T. 0.00 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 991062 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 7.9   | 0.0   | 28.9   |
| 203       | 17.1  | 0.0   | 37.5   |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

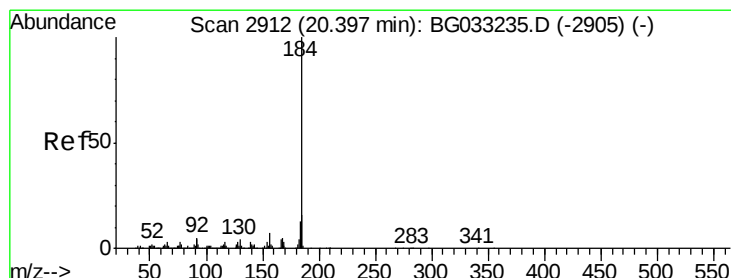
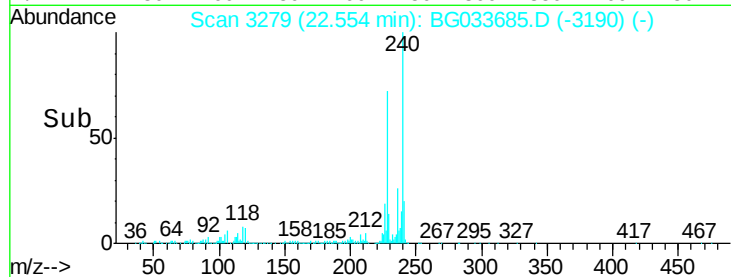
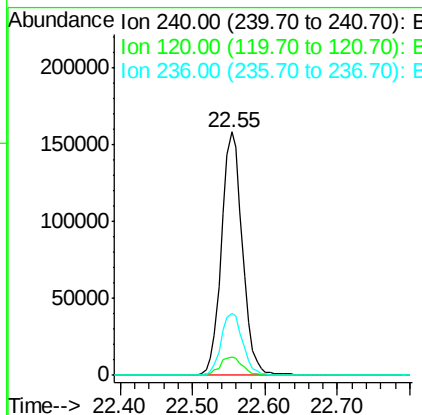
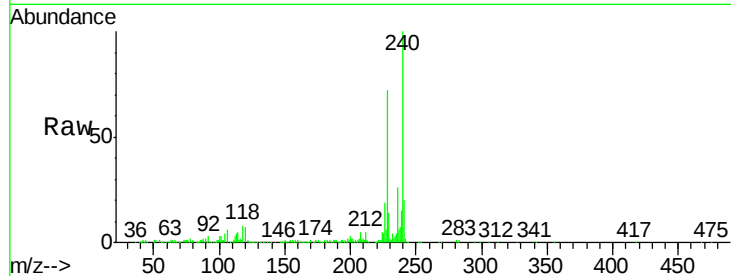
ClientSampleId :

EPE-L-6(20-22)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 317668 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 7.5   | 6.8   | 10.2   |
| 236       | 25.6  | 20.9  | 31.3   |

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#76

Benzidine

Concen: 50.861 ng

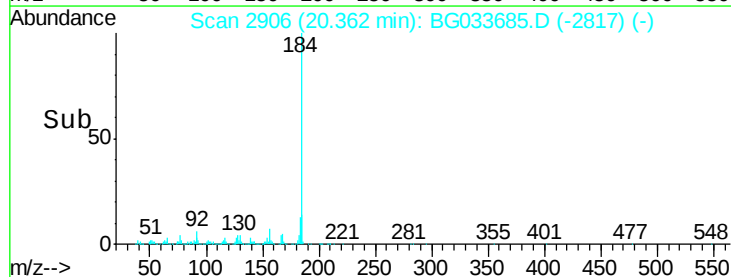
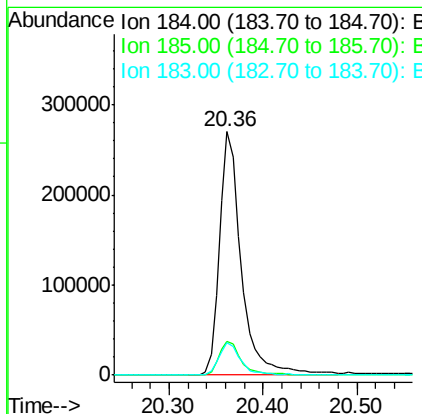
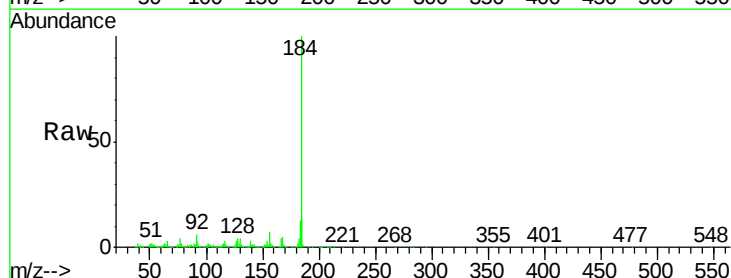
RT: 20.36 min Scan# 2906

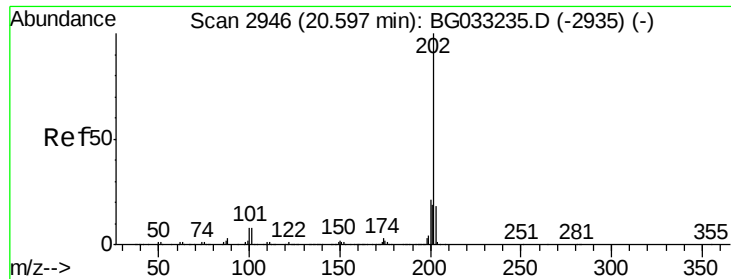
Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 438152 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.7  | 11.1  | 16.7   |
| 183       | 13.3  | 10.6  | 16.0   |





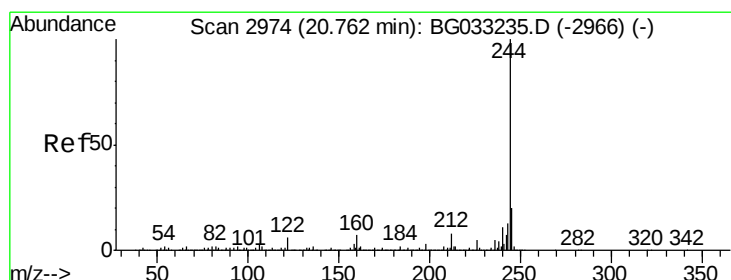
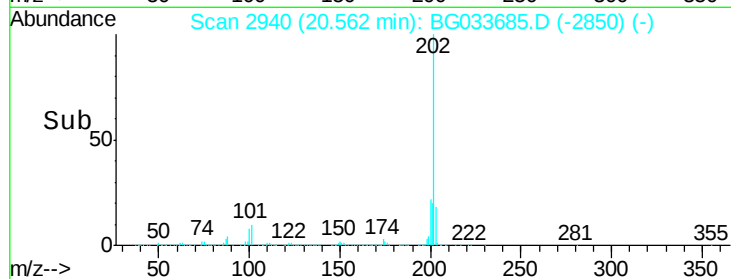
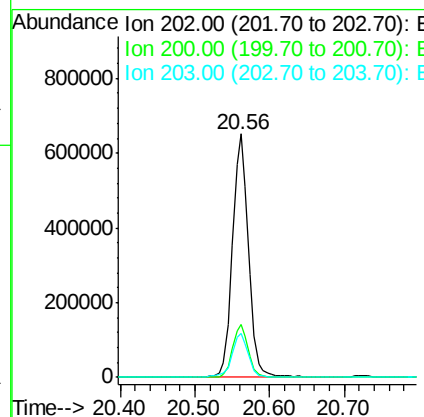
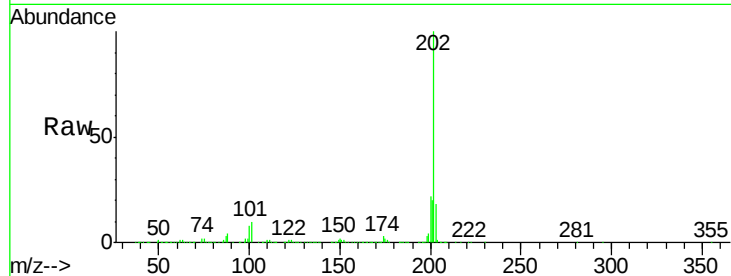
#77  
Pvrene  
Concen: 46.403 ng  
RT: 20.56 min Scan# 2940  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 983129 |       |       |
| 200     | 21.7  |        | 16.9  | 25.3  |
| 203     | 17.9  |        | 13.9  | 20.9  |

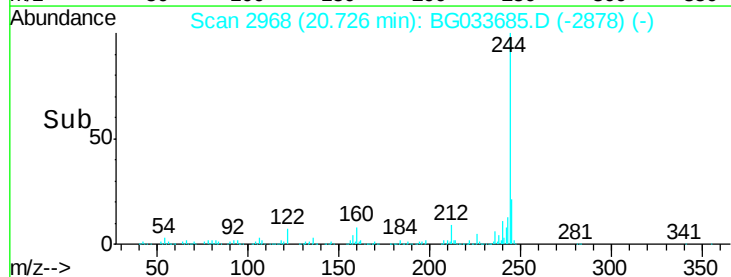
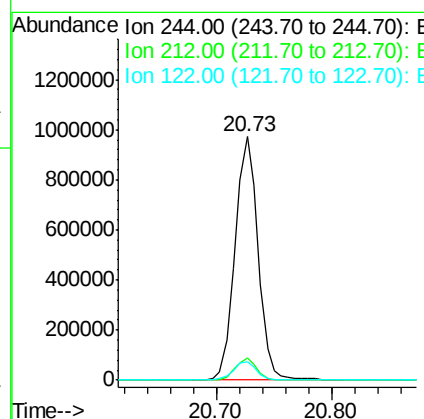
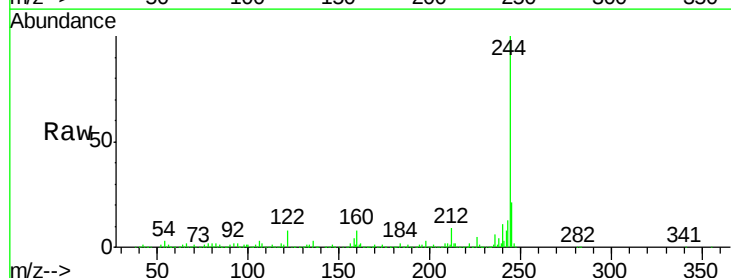
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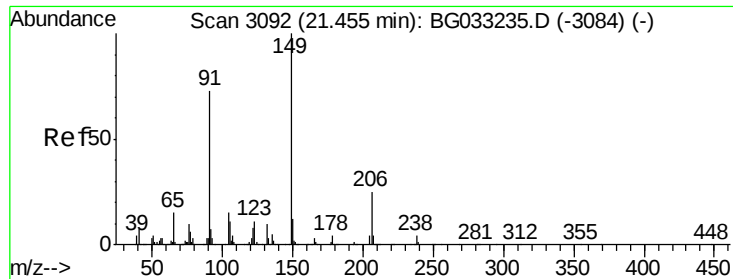
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#78  
Terphenyl-d14  
Concen: 90.471 ng  
RT: 20.73 min Scan# 2968  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 244     | 100   | 1343851 |       |       |
| 212     | 9.0   |         | 5.8   | 8.8#  |
| 122     | 7.8   |         | 7.0   | 10.4  |





#79

Butylbenzylphthalate

Concen: 51.180 ng

RT: 21.41 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

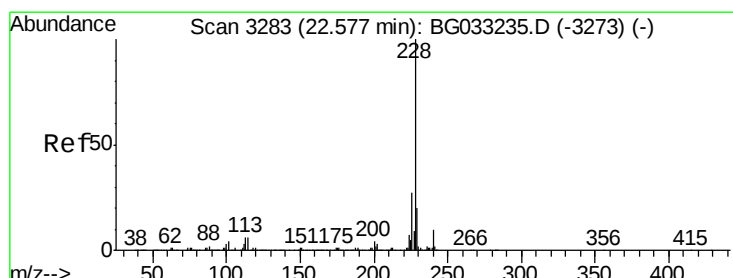
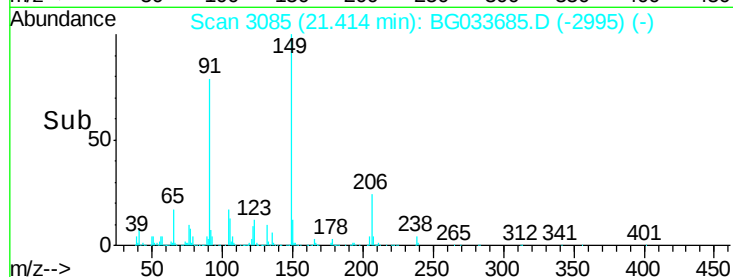
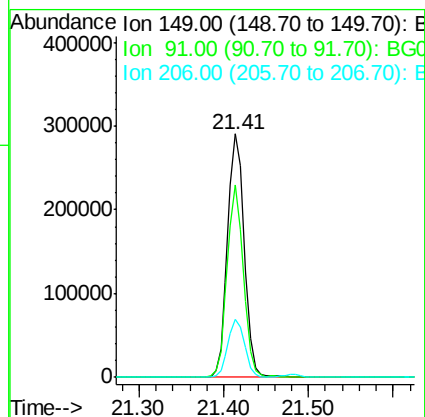
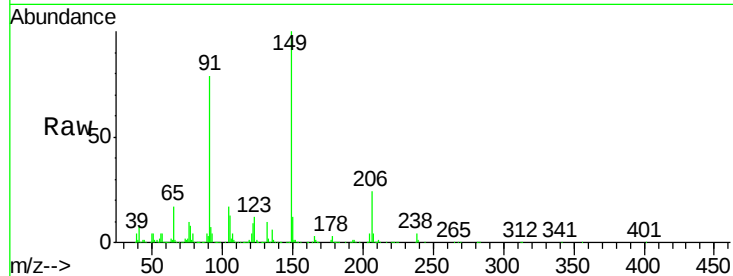
ClientSampleId :

EPE-L-6(20-22)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 400144 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 78.9  | 62.2  | 93.2   |
| 206       | 23.7  | 18.6  | 27.8   |

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#80

Benzo(a)anthracene

Concen: 47.547 ng

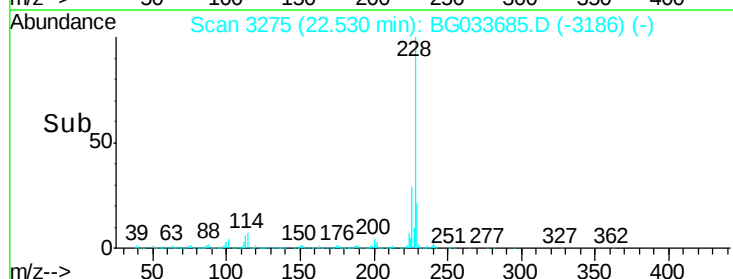
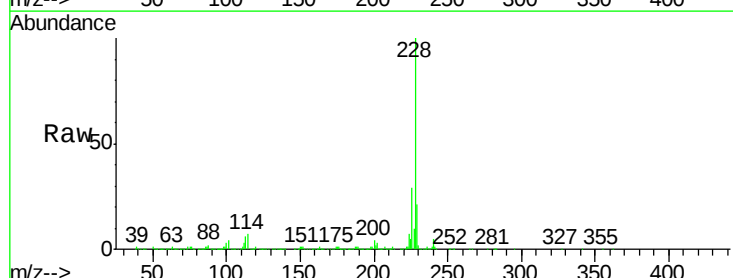
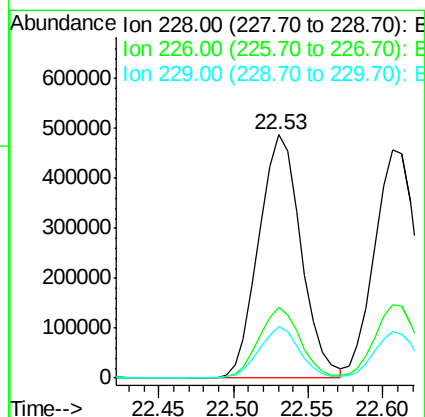
RT: 22.53 min Scan# 3275

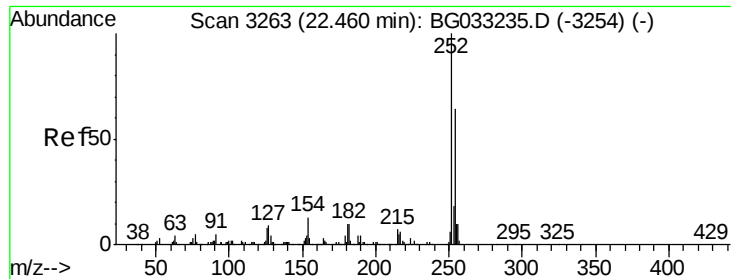
Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 961776 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.8  | 22.7  | 34.1   |
| 229       | 21.4  | 16.2  | 24.2   |





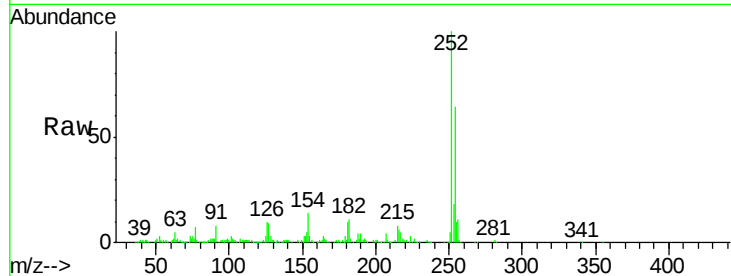
#81  
 3,3'-Dichlorobenzidine  
 Concen: 28.609 ng  
 RT: 22.42 min Scan# 3256  
 Delta R.T. -0.01 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-L-6(20-22)MS

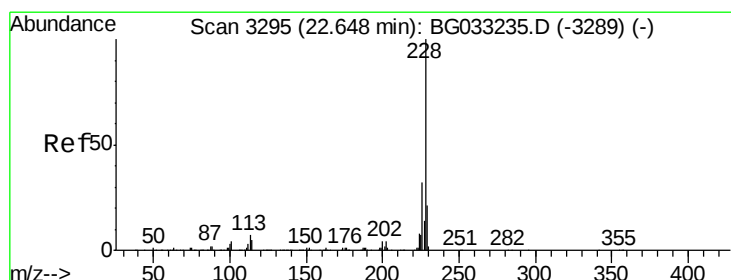
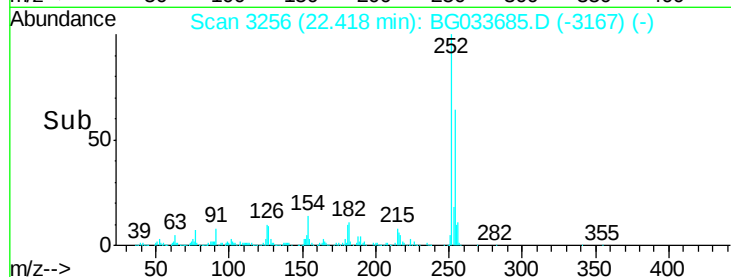
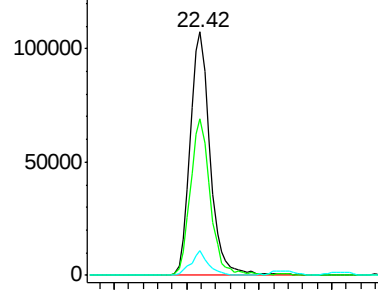
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.5  | 50.8  | 76.2  |
| 126     | 9.9   | 7.4   | 11.2  |

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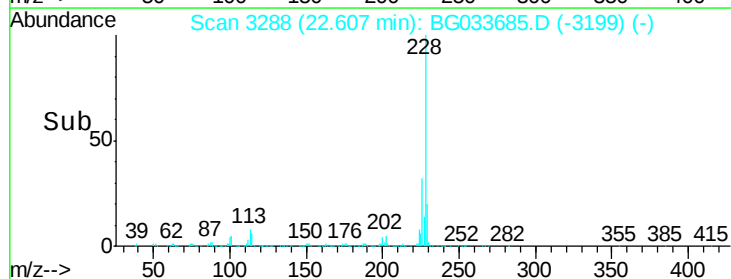
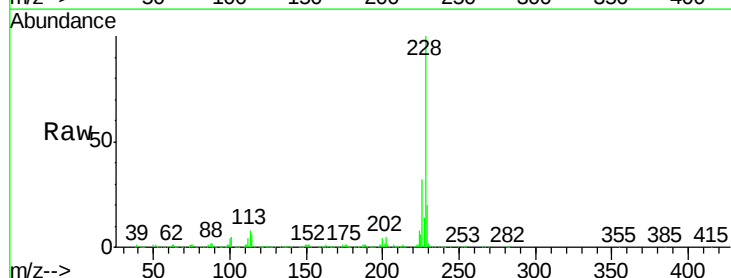
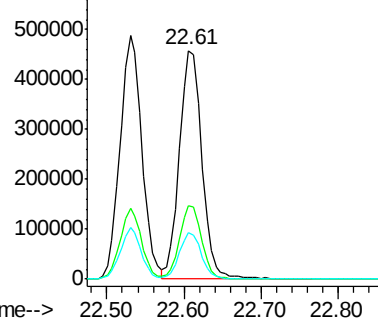
Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

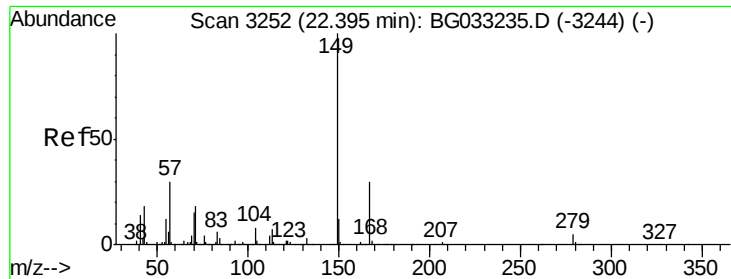


#82  
 Chrysene  
 Concen: 47.101 ng  
 RT: 22.61 min Scan# 3288  
 Delta R.T. -0.01 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.2  | 24.9  | 37.3  |
| 229     | 20.3  | 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





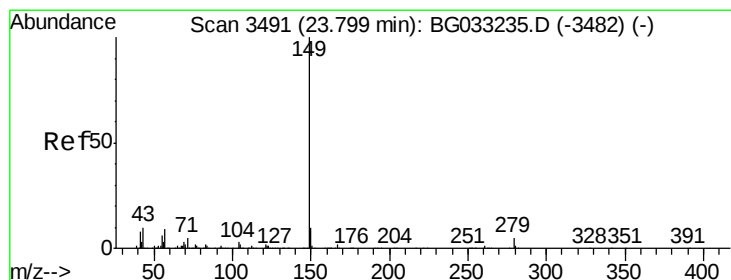
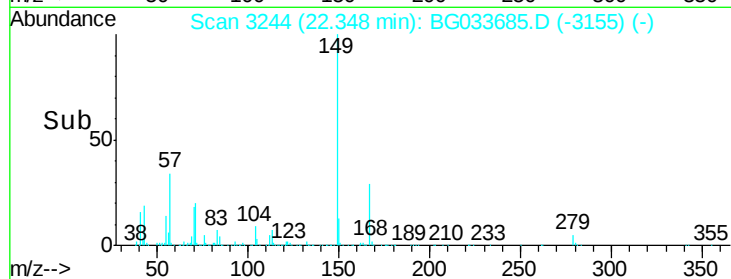
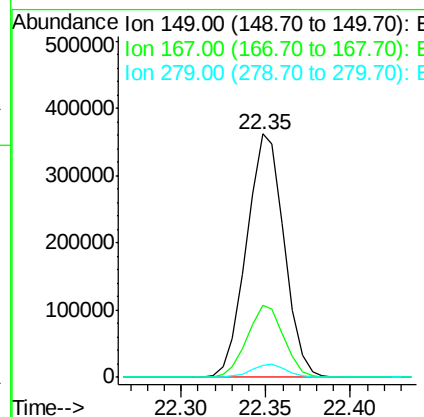
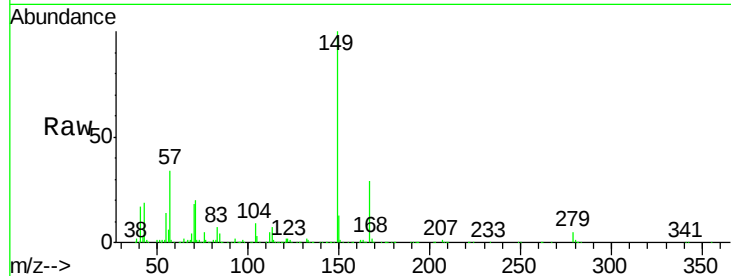
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 51.765 ng  
 RT: 22.35 min Scan# 3244  
 Delta R.T. -0.01 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.4  | 24.3  | 36.5  |
| 279     | 4.8   | 4.0   | 6.0   |

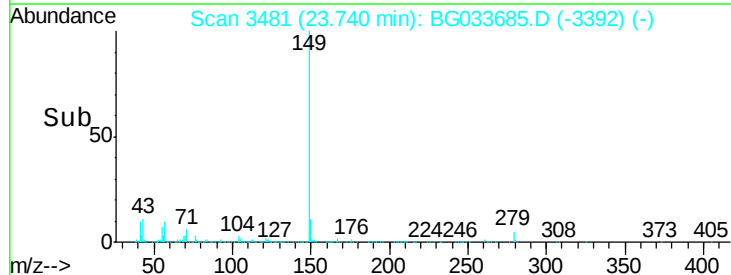
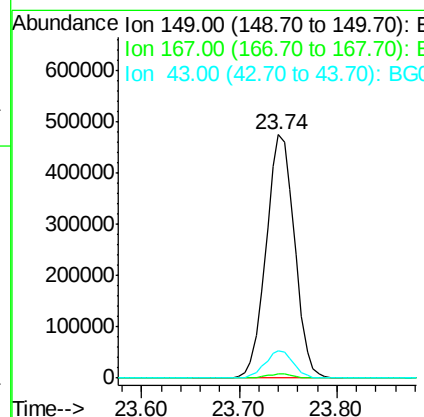
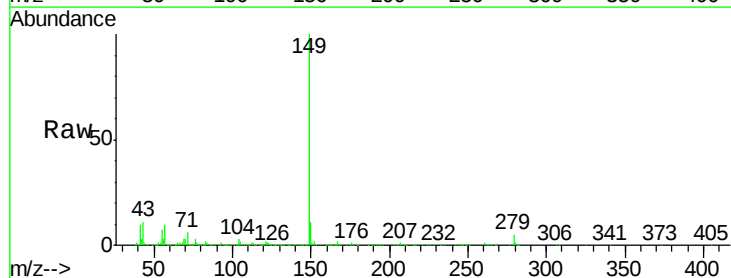
Manual Integrations  
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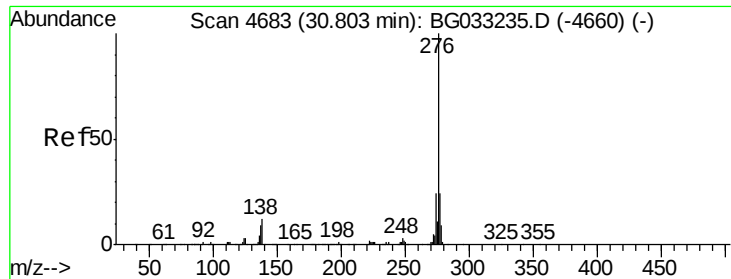
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 4/10/2018 3:36:37 PM



#84  
 Di-n-octyl phthalate  
 Concen: 58.604 ng  
 RT: 23.74 min Scan# 3481  
 Delta R.T. -0.01 min  
 Lab File: BG033685.D  
 Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.4   | 2.0   |
| 43      | 11.3  | 8.9   | 13.3  |





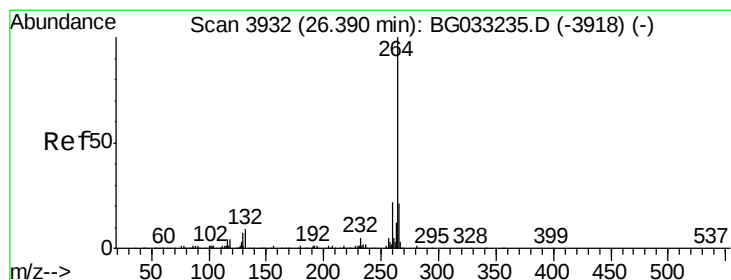
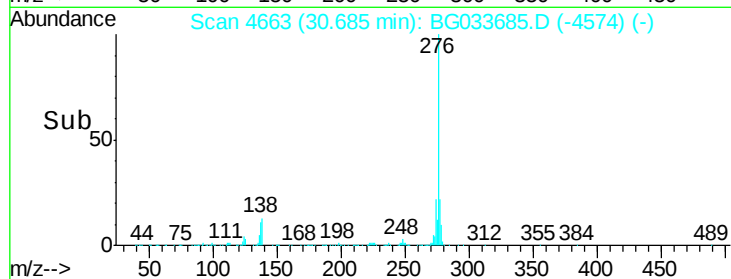
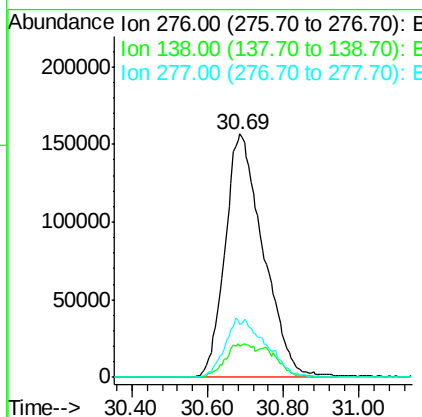
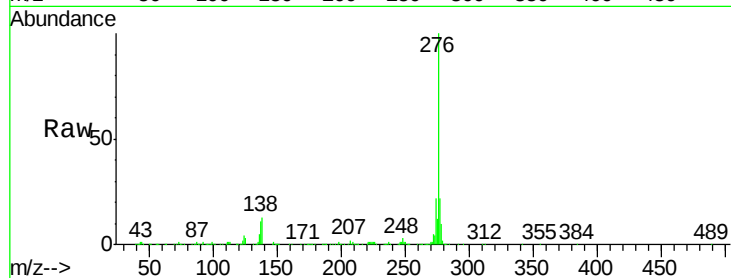
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 51.861 ng  
RT: 30.69 min Scan# 4663  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 5.8   | 16.0  | 24.0# |
| 277     | 9.9   | 20.0  | 30.0# |

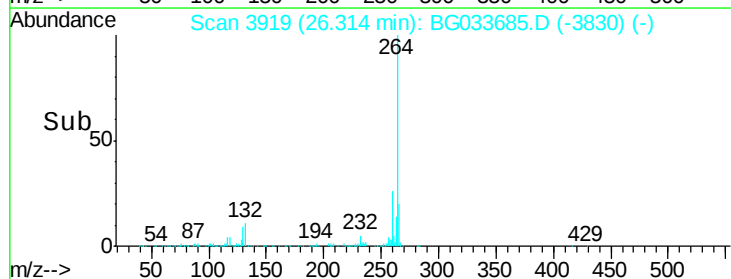
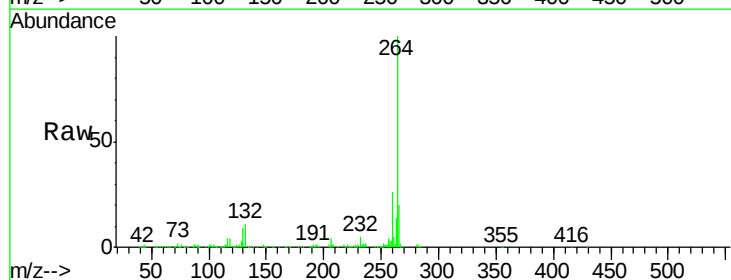
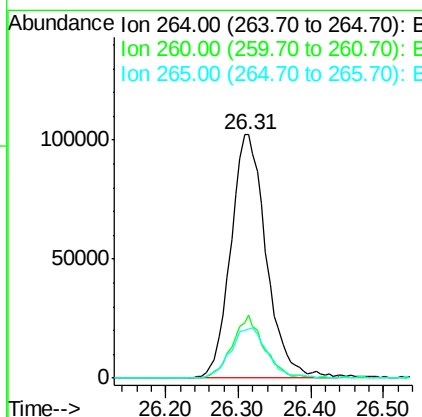
Manual Integrations  
APPROVED

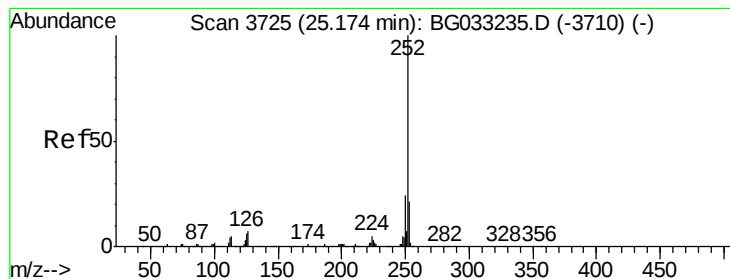
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 26.31 min Scan# 3919  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.8  | 17.4  | 26.0  |
| 265     | 20.4  | 17.7  | 26.5  |





#87

Benzo(b)fluoranthene

Concen: 47.200 ng

RT: 25.10 min Scan# 3713

Delta R.T. 0.00 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

Instrument :

BNA\_G

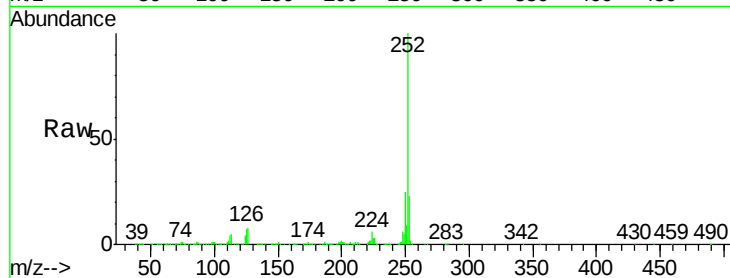
ClientSampleId :

EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.2  | 27.4  |
| 125     | 7.1   | 7.2   | 10.8  |

Manual Integrations  
APPROVED

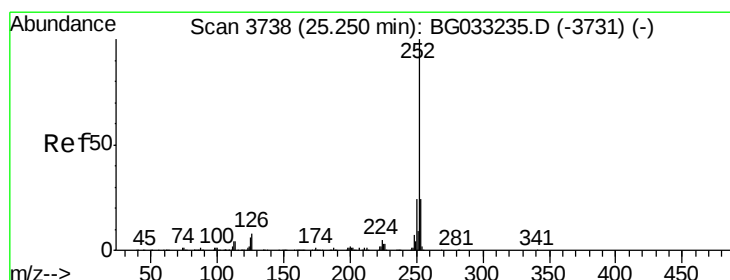
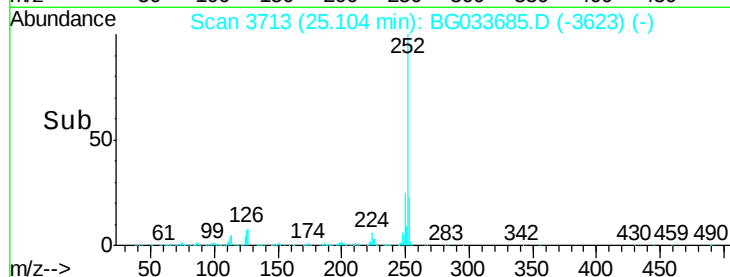
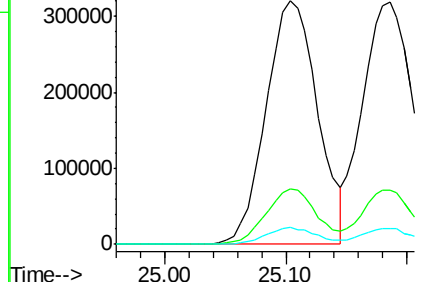
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.087 ng

RT: 25.19 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BG033685.D

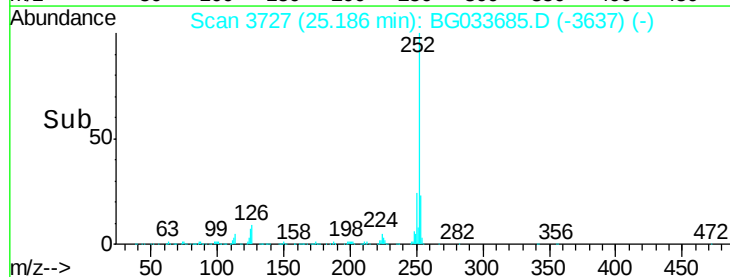
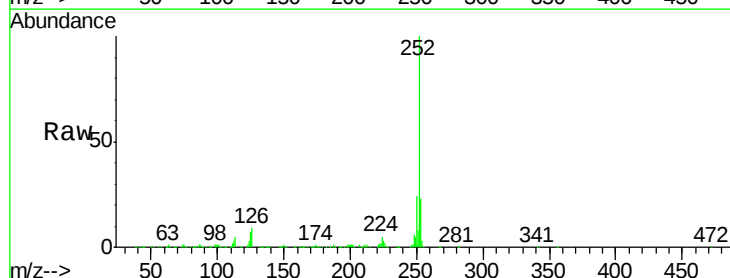
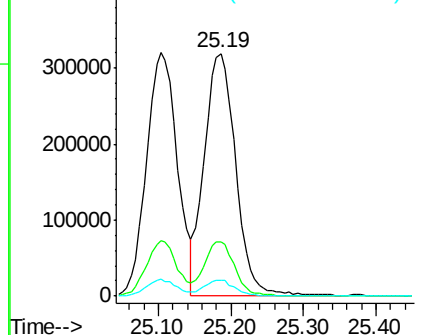
Acq: 9 Apr 2018 17:54

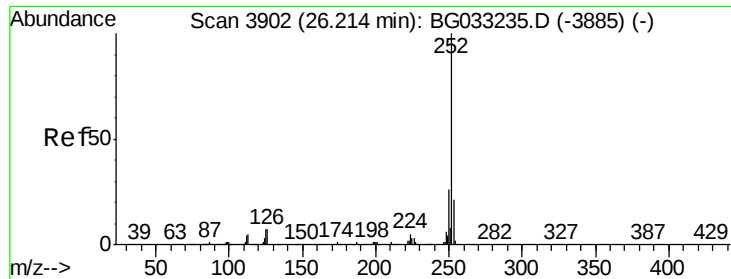
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.4  | 26.2  |
| 125     | 6.6   | 6.6   | 9.8   |

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





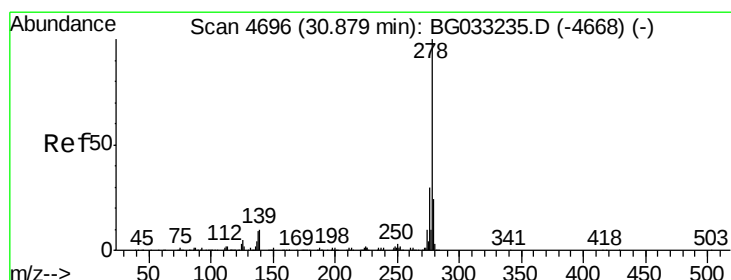
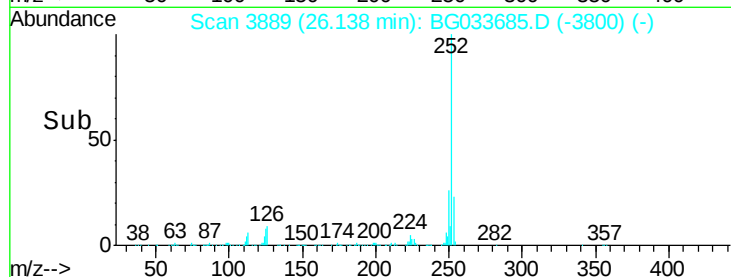
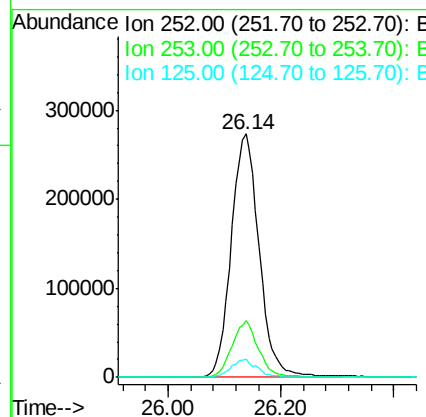
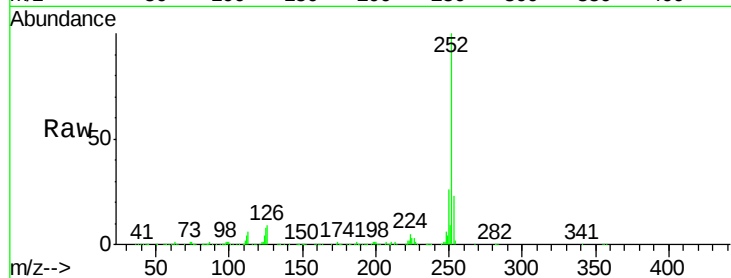
#89  
Benzo(a)pyrene  
Concen: 49.114 ng  
RT: 26.14 min Scan# 3889  
Delta R.T. -0.01 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-L-6(20-22)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 18.3  | 27.5  |
| 125     | 7.6   | 7.3   | 10.9  |

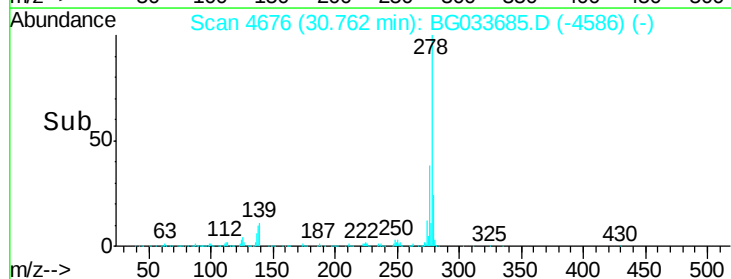
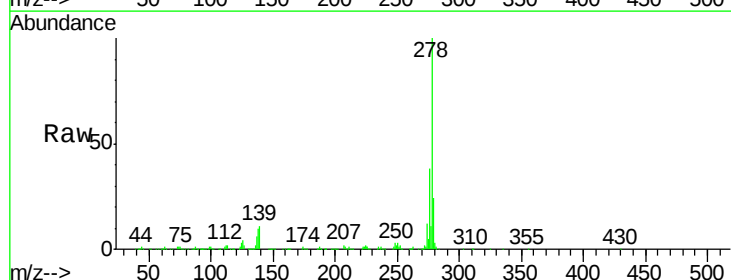
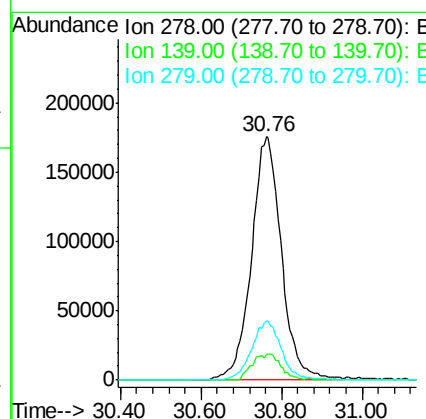
Manual Integrations  
APPROVED

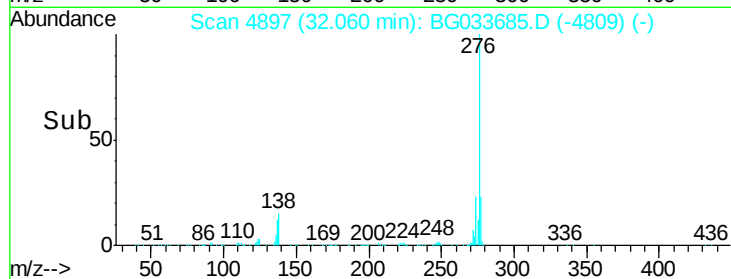
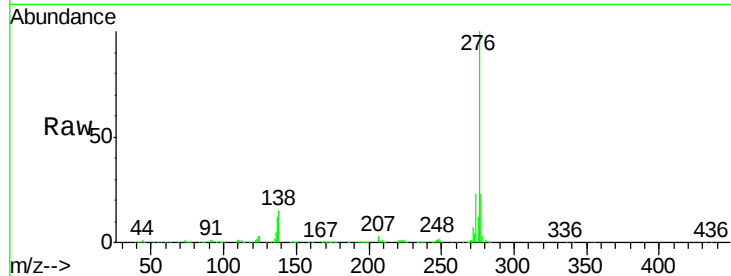
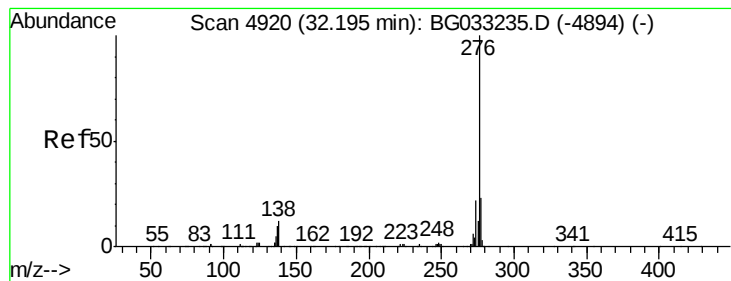
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4/10/2018 3:36:37 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 50.126 ng  
RT: 30.76 min Scan# 4676  
Delta R.T. 0.00 min  
Lab File: BG033685.D  
Acq: 9 Apr 2018 17:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 10.9  | 9.8   | 14.6  |
| 279     | 24.2  | 18.4  | 27.6  |





#91

Benzo(a,h,i)perylene

Concen: 49.835 ng

RT: 32.06 min Scan# 4897

Delta R.T. -0.01 min

Lab File: BG033685.D

Acq: 9 Apr 2018 17:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 894594 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.5  | 18.3  | 27.5   |
| 138       | 14.9  | 13.9  | 20.9   |

Instrument :

BNA\_G

ClientSampleId :

EPE-L-6(20-22)MS

Manual Integrations  
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4/10/2018 3:36:37 PM

