

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\  
 Data File : BG039512.D  
 Acq On : 14 Feb 2019 18:40  
 Operator : JU/SJ  
 Sample : K1349-06MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-01-021319-AMS

Manual Integrations  
 APPROVED

Sohil  
 2/15/2019 9:44:34 AM

Quant Time: Feb 15 04:41:29 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 29 15:41:51 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 52627    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 11.00 | 136  | 242305   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.80 | 164  | 167227   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.54 | 188  | 392907   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.83 | 240  | 397008   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 25.21 | 264  | 415017   | 20.00 | ng    | -0.03    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.72  | 112 | 460869  | 149.88 | ng | 0.00  |
| 7) Phenol-d6                | 7.32  | 99  | 607681  | 134.26 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.35  | 82  | 447579  | 115.40 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol    | 16.28 | 330 | 298784  | 165.92 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 13.42 | 172 | 1061096 | 91.03  | ng | -0.01 |
| 79) Terphenyl-d14           | 20.13 | 244 | 1633403 | 87.09  | ng | -0.02 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.61  | 88  | 47100  | 35.018 | ng | # 3  |
| 3) Pyridine                    | 4.02  | 79  | 136116 | 38.223 | ng | 96   |
| 4) n-Nitrosodimethylamine      | 3.93  | 42  | 73022  | 41.002 | ng | 86   |
| 6) Aniline                     | 7.50  | 93  | 43254  | 7.629  | ng | 98   |
| 8) 2-Chlorophenol              | 7.74  | 128 | 172154 | 51.219 | ng | 95   |
| 9) Benzaldehyde                | 7.31  | 77  | 137473 | 85.857 | ng | 99   |
| 10) Phenol                     | 7.35  | 94  | 196540 | 41.656 | ng | 95   |
| 11) bis(2-Chloroethyl)ether    | 7.59  | 93  | 164646 | 44.162 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146 | 173901 | 42.709 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 8.21  | 146 | 179204 | 44.156 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 8.53  | 146 | 173166 | 44.076 | ng | 99   |
| 15) Benzyl Alcohol             | 8.41  | 79  | 174193 | 49.021 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69  | 45  | 315016 | 37.416 | ng | 98   |
| 17) 2-Methylphenol             | 8.61  | 107 | 152129 | 49.825 | ng | 97   |
| 18) Hexachloroethane           | 9.26  | 117 | 61690  | 44.182 | ng | 94   |
| 19) n-Nitroso-di-n-propylamine | 8.98  | 70  | 137732 | 42.874 | ng | 93   |
| 20) 3+4-Methylphenols          | 8.94  | 107 | 210901 | 50.161 | ng | 98   |
| 22) Acetophenone               | 9.00  | 105 | 268874 | 41.310 | ng | # 95 |
| 24) Nitrobenzene               | 9.39  | 77  | 207415 | 49.500 | ng | 96   |
| 25) Isophorone                 | 9.91  | 82  | 398534 | 46.368 | ng | 98   |
| 26) 2-Nitrophenol              | 10.10 | 139 | 103955 | 58.946 | ng | 97   |
| 27) 2,4-Dimethylphenol         | 10.15 | 122 | 184688 | 53.118 | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 10.39 | 93  | 240303 | 45.391 | ng | 97   |
| 29) 2,4-Dichlorophenol         | 10.64 | 162 | 205295 | 54.025 | ng | 96   |
| 30) 1,2,4-Trichlorobenzene     | 10.85 | 180 | 192065 | 45.019 | ng | 98   |
| 31) Naphthalene                | 11.04 | 128 | 562576 | 46.801 | ng | 99   |
| 32) Benzoic acid               | 10.25 | 122 | 66366m | 32.692 | ng |      |
| 33) 4-Chloroaniline            | 11.15 | 127 | 10224  | 1.834  | ng | # 90 |
| 34) Hexachlorobutadiene        | 11.31 | 225 | 121119 | 42.689 | ng | 95   |
| 35) Caprolactam                | 11.94 | 113 | 49749  | 31.637 | ng | # 86 |
| 36) 4-Chloro-3-methylphenol    | 12.26 | 107 | 221488 | 50.399 | ng | 99   |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 429245 | 48.213 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.85 | 142 | 407451 | 47.476 | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 230625 | 43.345 | ng | 98   |

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Sohil  
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Quant Time: Feb 15 04:41:29 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 29 15:41:51 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.96 | 237  | 236535   | 81.583 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.23 | 196  | 173428   | 53.013 | nq    | 95       |
| 44) 2,4,5-Trichlorophenol      | 13.30 | 196  | 185514   | 54.106 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.63 | 154  | 578311   | 41.564 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.68 | 162  | 456089   | 43.574 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.89 | 65   | 158237   | 51.827 | nq    | 92       |
| 49) Acenaphthylene             | 14.53 | 152  | 731123   | 46.292 | nq    | 98       |
| 50) Dimethylphthalate          | 14.24 | 163  | 595890   | 44.121 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.37 | 165  | 135078   | 52.760 | nq    | 99       |
| 52) Acenaphthene               | 14.86 | 154  | 451269   | 44.017 | nq    | 98       |
| 53) 3-Nitroaniline             | 14.71 | 138  | 9525     | 8.868  | nq    | # 89     |
| 54) 2,4-Dinitrophenol          | 14.91 | 184  | 30420    | 37.284 | nq    | 89       |
| 55) Dibenzofuran               | 15.19 | 168  | 723820   | 44.035 | nq    | 98       |
| 56) 4-Nitrophenol              | 15.01 | 139  | 187234   | 76.914 | nq    | 90       |
| 57) 2,4-Dinitrotoluene         | 15.16 | 165  | 193540   | 57.924 | nq    | 86       |
| 58) Fluorene                   | 15.84 | 166  | 570250   | 46.538 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.41 | 232  | 173144   | 53.933 | nq    | 98       |
| 60) Diethylphthalate           | 15.60 | 149  | 602325   | 43.134 | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.82 | 204  | 308306   | 44.435 | nq    | 95       |
| 62) 4-Nitroaniline             | 15.87 | 138  | 135683   | 47.916 | nq    | 89       |
| 63) Azobenzene                 | 16.12 | 77   | 544029   | 39.860 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 40606    | 31.107 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 16.04 | 169  | 527167   | 44.126 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.72 | 248  | 198836   | 45.616 | nq    | 96       |
| 68) Hexachlorobenzene          | 16.84 | 284  | 202488   | 46.301 | nq    | 93       |
| 69) Atrazine                   | 16.98 | 200  | 204259   | 46.785 | nq    | 97       |
| 70) Pentachlorophenol          | 17.18 | 266  | 153047   | 50.353 | nq    | 97       |
| 71) Phenanthrene               | 17.59 | 178  | 936683   | 46.061 | nq    | 98       |
| 72) Anthracene                 | 17.68 | 178  | 957327   | 47.793 | nq    | 98       |
| 73) Carbazole                  | 17.95 | 167  | 839326   | 41.987 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.47 | 149  | 1026363  | 44.009 | nq    | 99       |
| 75) Fluoranthene               | 19.58 | 202  | 1106144  | 46.864 | nq    | 99       |
| 77) Benzidine                  | 19.76 | 184  | 139857   | 10.745 | nq    | 99       |
| 78) Pyrene                     | 19.95 | 202  | 1115975  | 45.154 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.81 | 149  | 487607   | 46.770 | nq    | 95       |
| 81) Benzo(a)anthracene         | 21.81 | 228  | 1109033  | 47.275 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 72079    | 8.286  | nq    | 99       |
| 83) Chrysene                   | 21.88 | 228  | 1027076  | 45.992 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.68 | 149  | 672807   | 45.235 | nq    | # 97     |
| 85) Di-n-octyl phthalate       | 22.94 | 149  | 1142329  | 46.488 | nq    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.11 | 276  | 1244115  | 51.925 | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 24.13 | 252  | 1085676  | 47.968 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 24.20 | 252  | 1054544  | 46.408 | nq    | 100      |
| 90) Benzo(a)pyrene             | 25.05 | 252  | 1057051  | 48.494 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.18 | 278  | 1019215  | 49.929 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.34 | 276  | 1031242  | 50.684 | nq    | 98       |

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

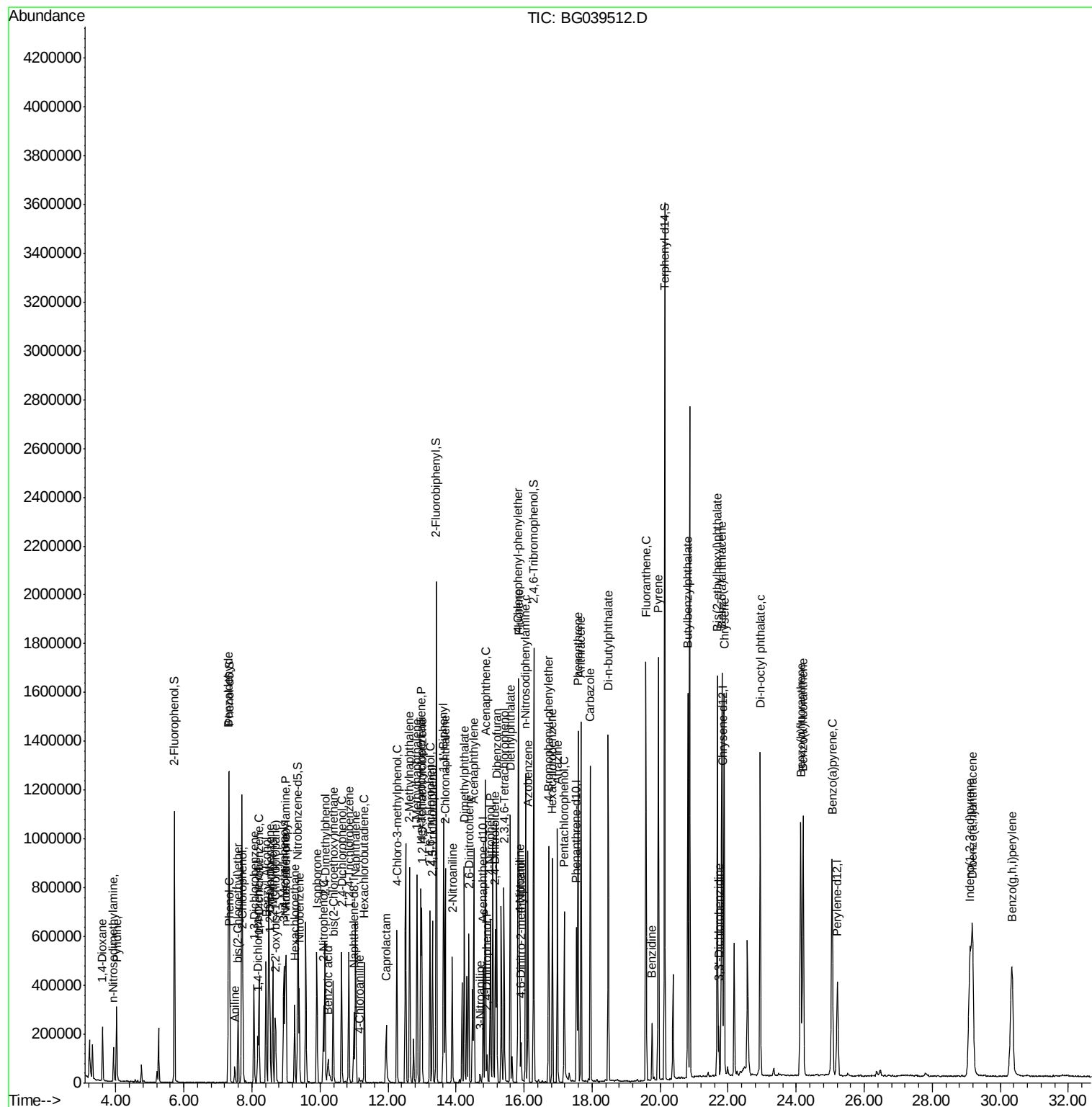
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\  
 Data File : BG039512.D  
 Acq On : 14 Feb 2019 18:40  
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 Sample : K1349-06MS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

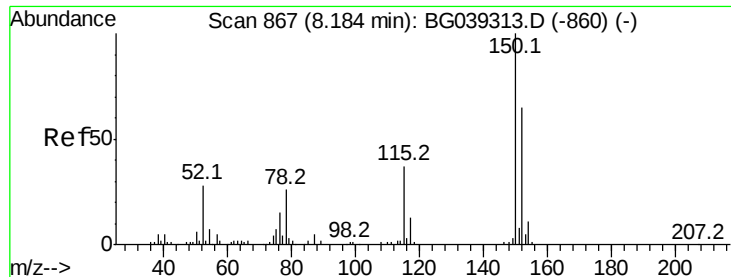
Instrument :  
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#1

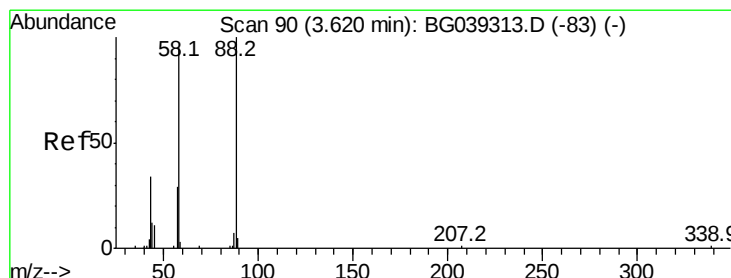
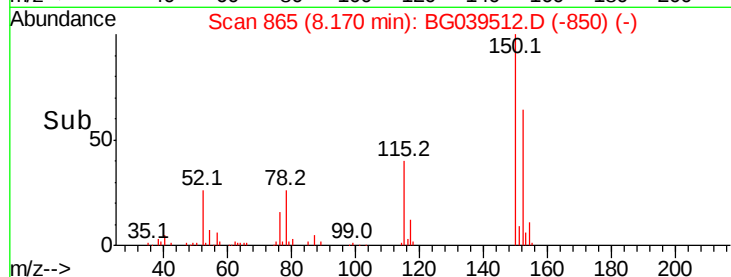
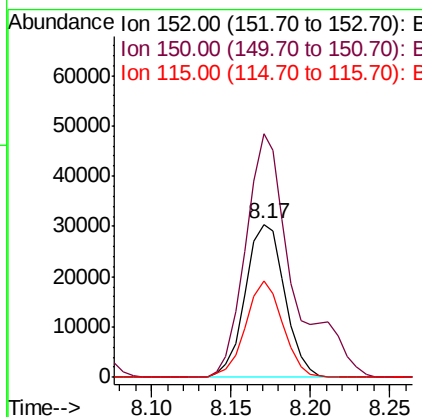
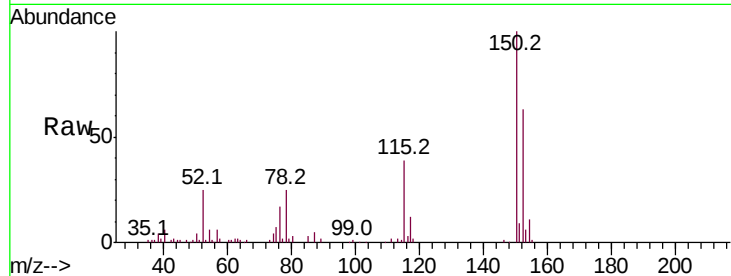
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.17 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.9 | 123.7 | 185.5 |
| 115     | 62.5  | 45.9  | 68.9  |

Manual Integrations  
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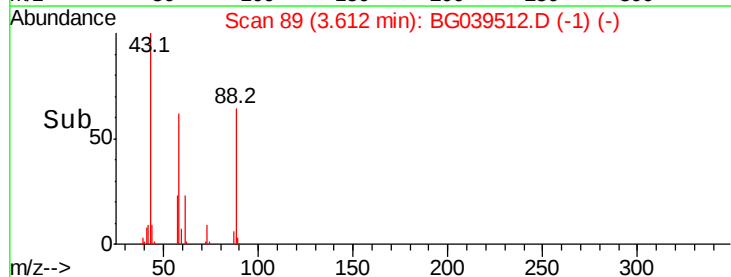
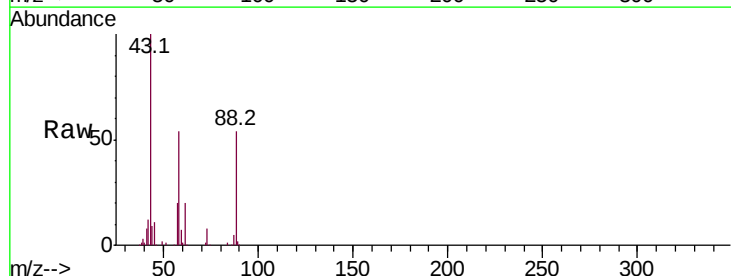
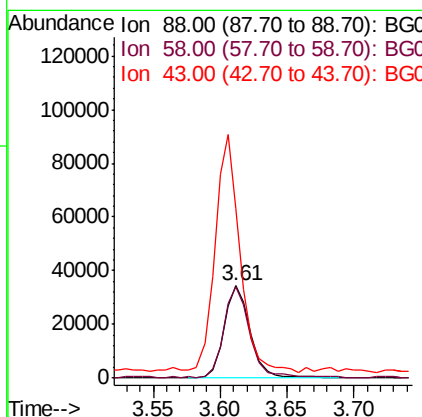
Sohil  
2/15/2019 9:44:34 AM

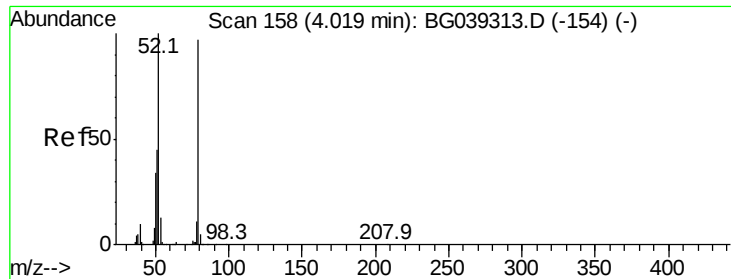


#2

1,4-Dioxane  
Concen: 35.018 ng  
RT: 3.61 min Scan# 89  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 96.6  | 81.1  | 121.7 |
| 43      | 244.4 | 31.4  | 47.0# |





#3

Pvridine

Concen: 38.223 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

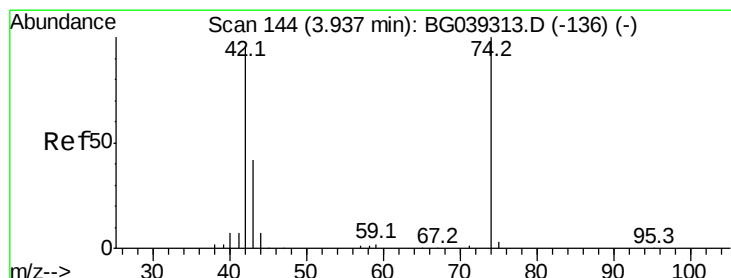
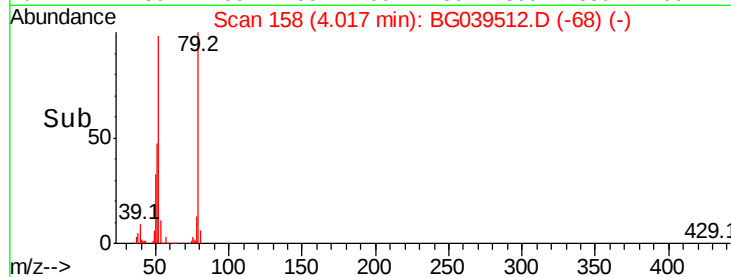
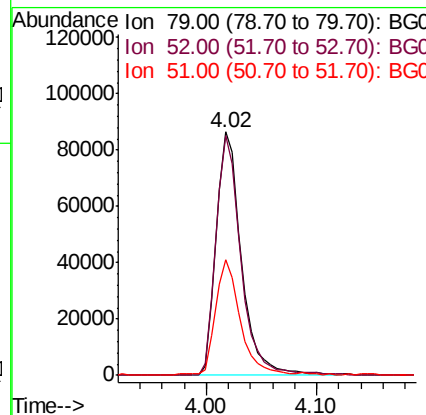
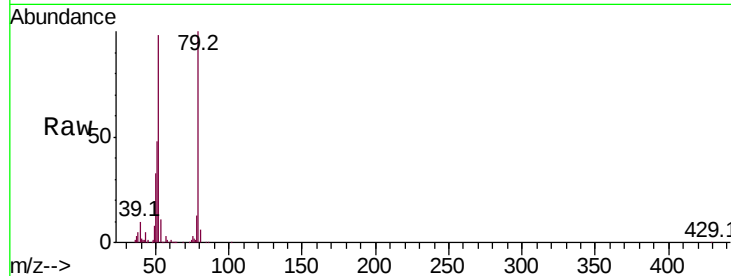
ClientSampleId :

OR-01-021319-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 52      | 98.3  | 82.6 | 124.0 |       |
| 51      | 47.7  | 37.5 | 56.3  |       |

Manual Integrations  
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2/15/2019 9:44:34 AM



#4

n-Nitrosodimethylamine

Concen: 41.002 ng

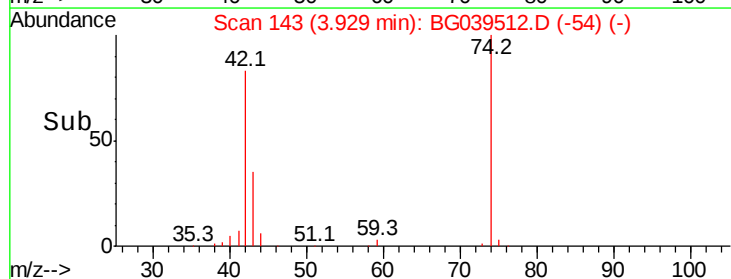
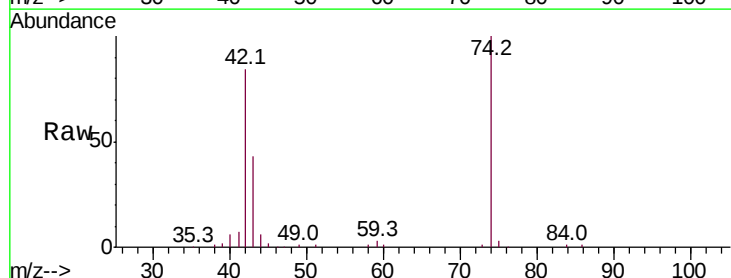
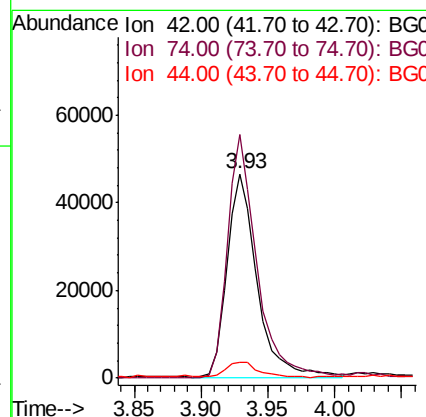
RT: 3.93 min Scan# 143

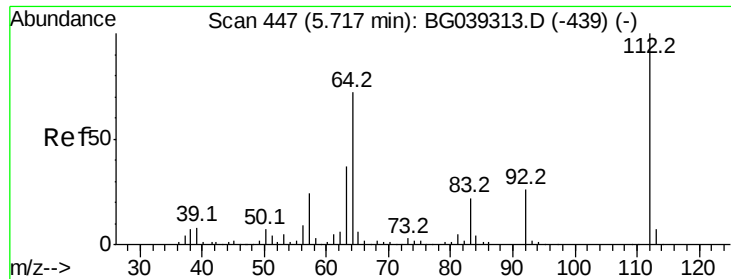
Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 42      | 100   |      |       |       |
| 74      | 119.2 | 83.6 | 125.4 |       |
| 44      | 7.4   | 6.9  | 10.3  |       |





#5

2-Fluorophenol

Concen: 149.881 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

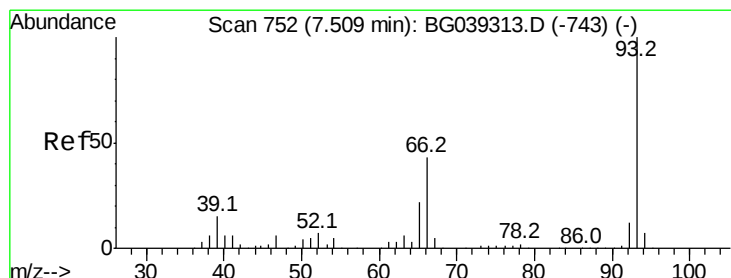
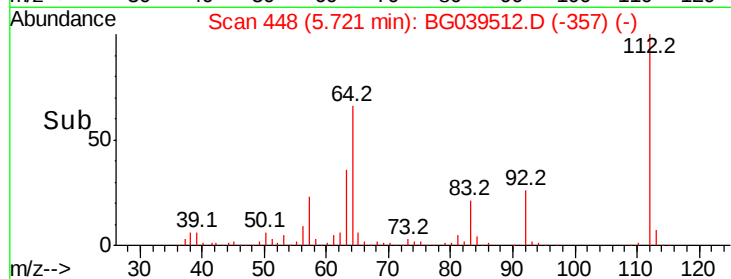
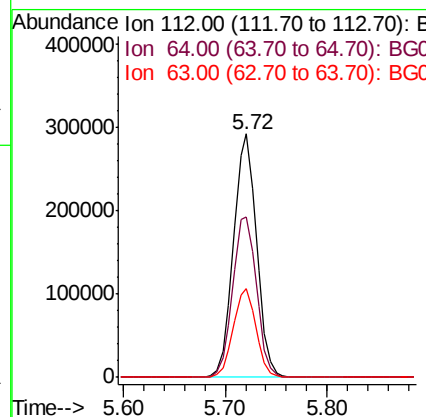
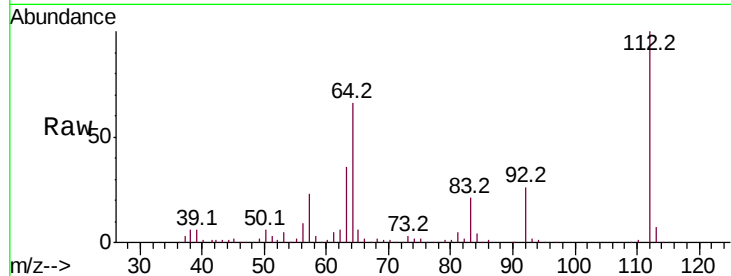
ClientSampleId :

OR-01-021319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 460869 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 66.0  | 57.8  | 86.8   |
| 63        | 36.3  | 29.8  | 44.6   |

Manual Integrations  
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#6

Aniline

Concen: 7.629 ng

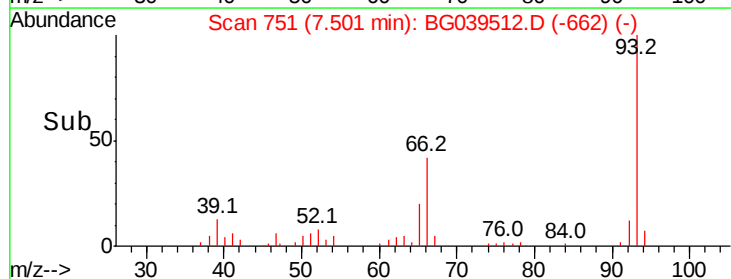
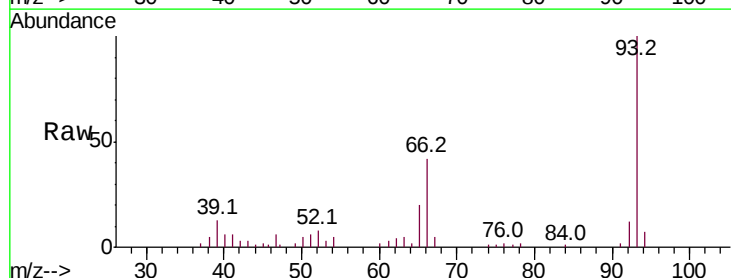
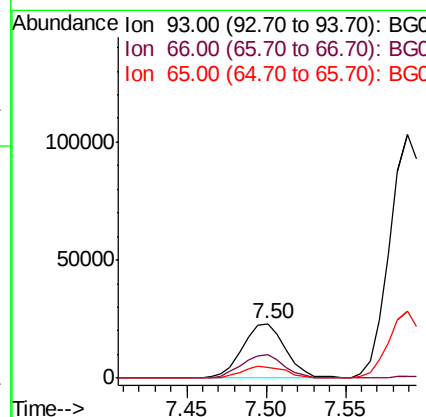
RT: 7.50 min Scan# 751

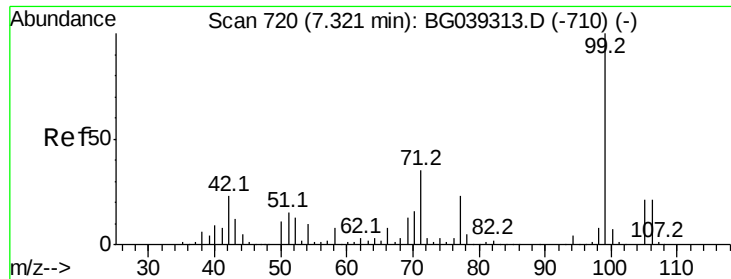
Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 43254 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 42.5  | 34.2  | 51.4  |
| 65        | 20.3  | 17.7  | 26.5  |





#7

Phenol-d6

Concen: 134.260 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

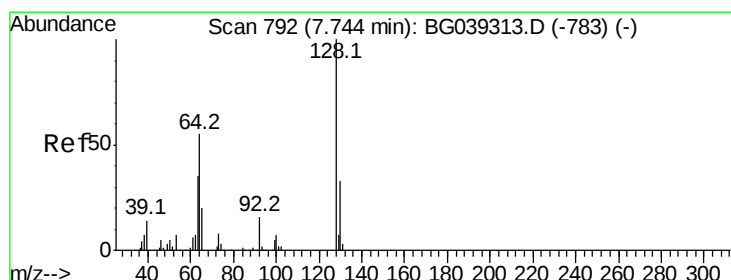
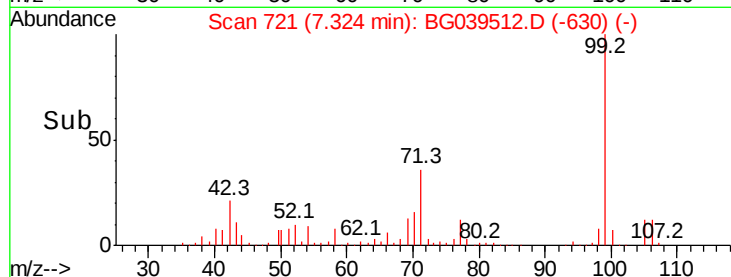
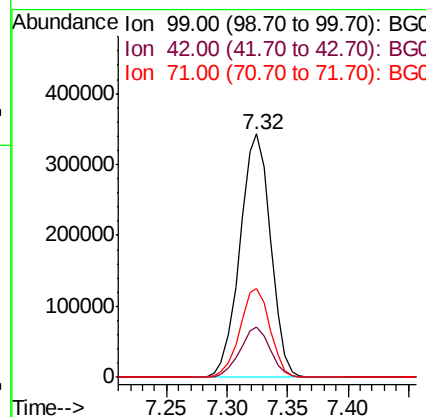
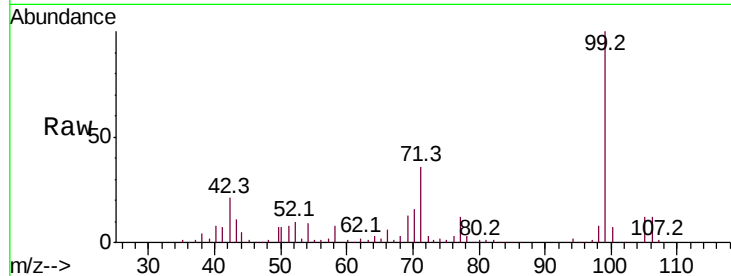
ClientSampleId :

OR-01-021319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 607681 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.8  | 18.2  | 27.2   |
| 71        | 36.2  | 28.0  | 42.0   |

Manual Integrations  
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2/15/2019 9:44:34 AM



#8

2-Chlorophenol

Concen: 51.219 ng

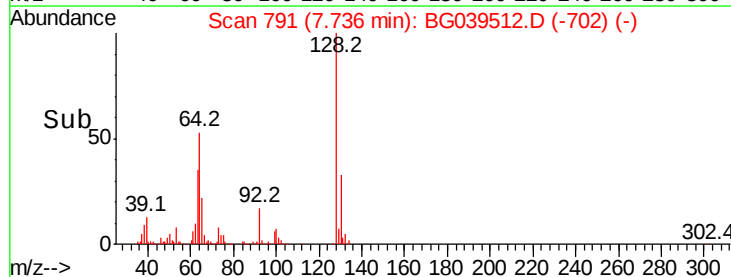
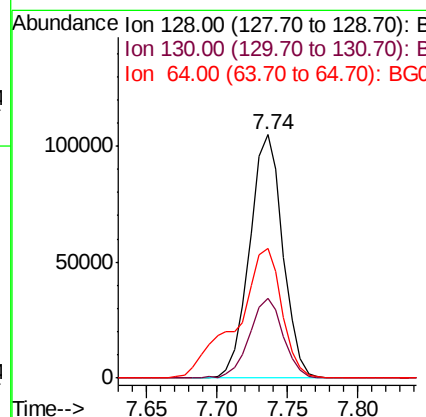
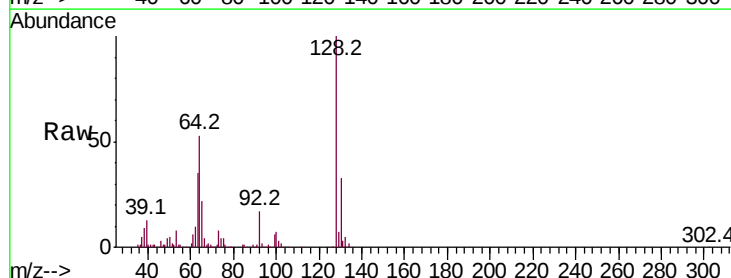
RT: 7.74 min Scan# 791

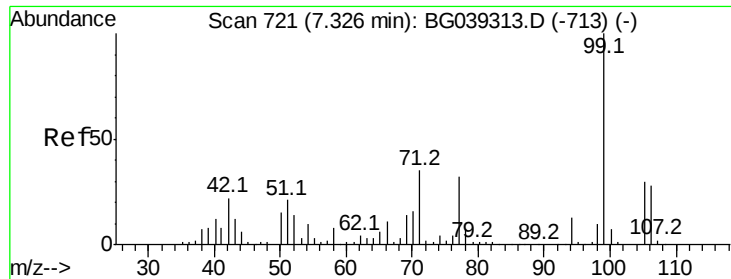
Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 172154 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.8  | 12.9  | 52.9   |
| 64        | 53.4  | 38.7  | 78.7   |





#9

Benzaldehyde

Concen: 85.857 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

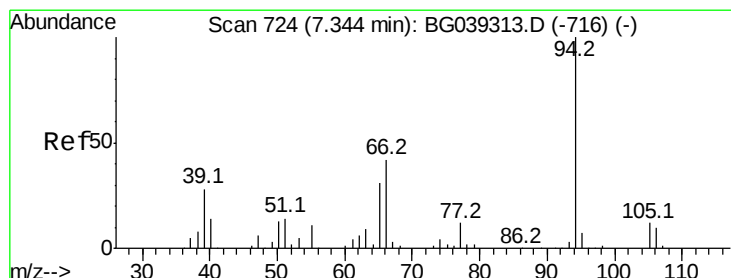
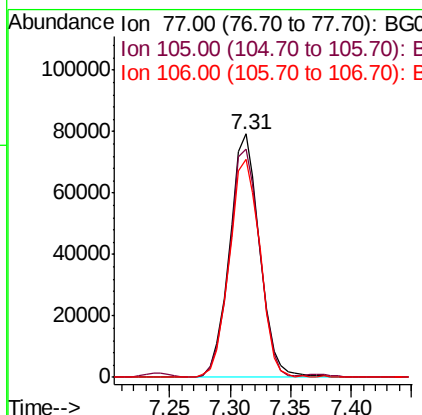
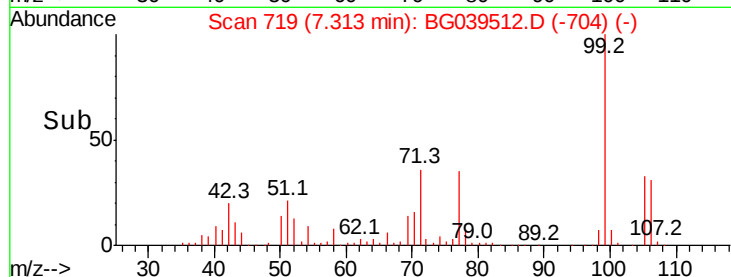
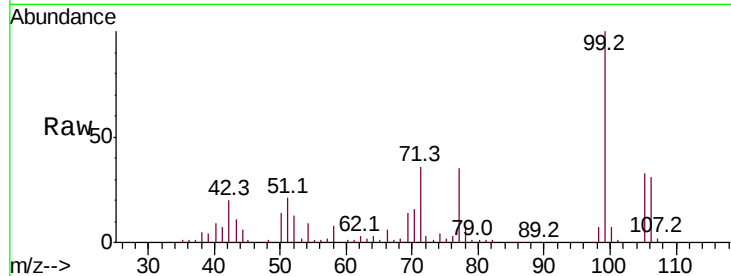
ClientSampleId :

OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 93.6  | 74.5  | 114.5 |
| 106     | 89.7  | 68.0  | 108.0 |

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#10

Phenol

Concen: 41.656 ng

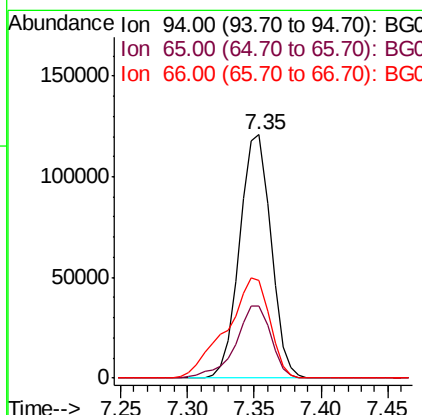
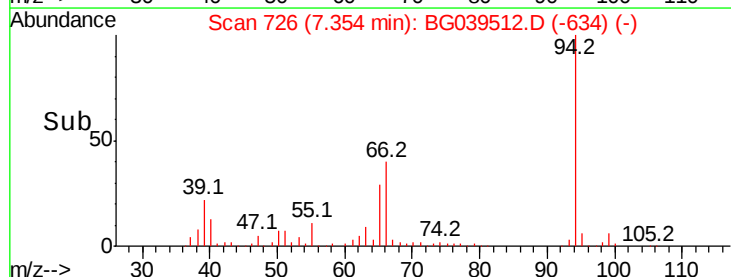
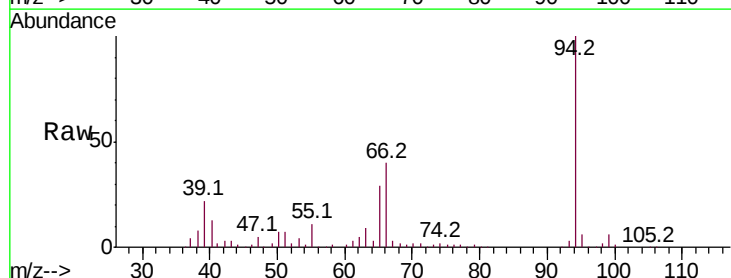
RT: 7.35 min Scan# 726

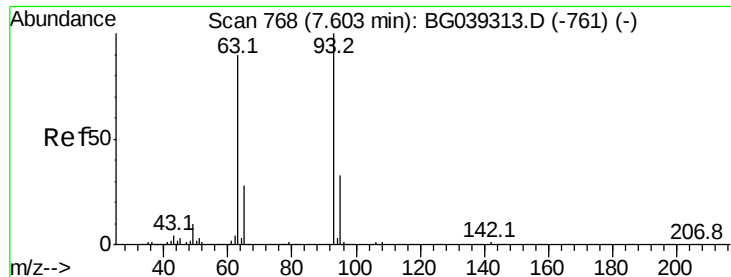
Delta R.T. 0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 29.5  | 11.7  | 51.7  |
| 66      | 40.2  | 23.7  | 63.7  |





#11

bis(2-Chloroethyl)ether

Concen: 44.162 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

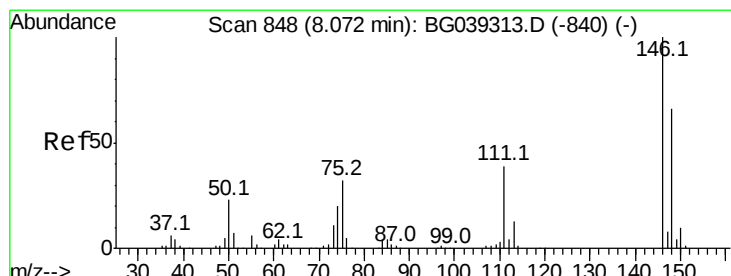
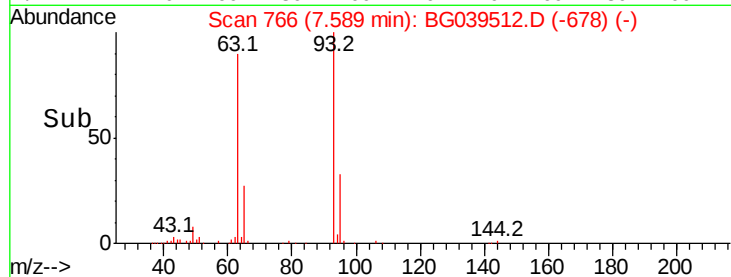
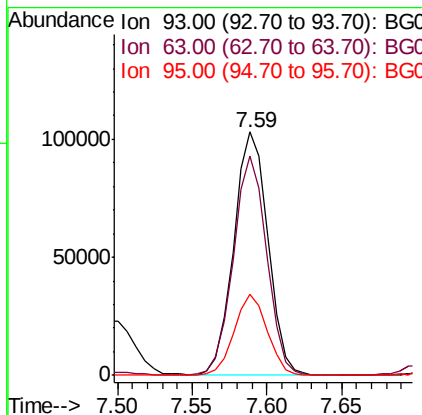
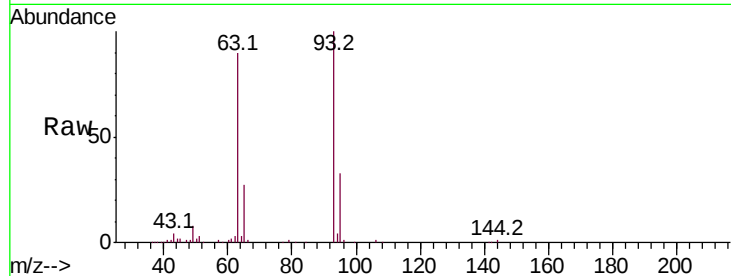
ClientSampleId :

OR-01-021319-AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 164646 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 90.1  | 69.5  | 109.5  |
| 95       | 33.4  | 12.7  | 52.7   |

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#12

1,3-Dichlorobenzene

Concen: 42.709 ng

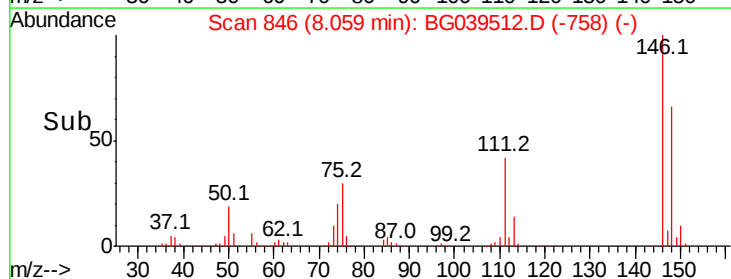
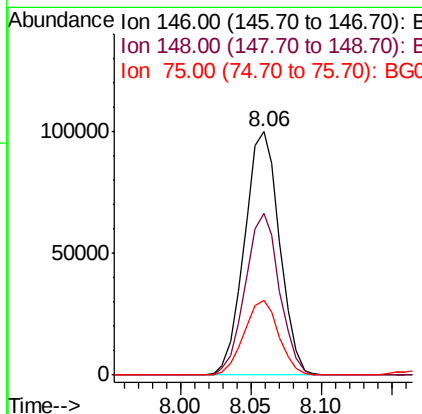
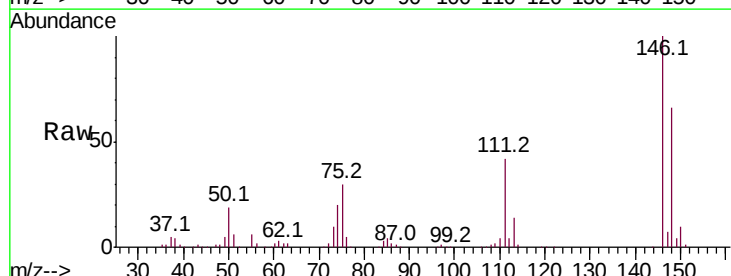
RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 173901 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 66.3  | 52.6  | 79.0   |
| 75       | 30.5  | 25.8  | 38.6   |





#13

1,4-Dichlorobenzene

Concen: 44.156 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

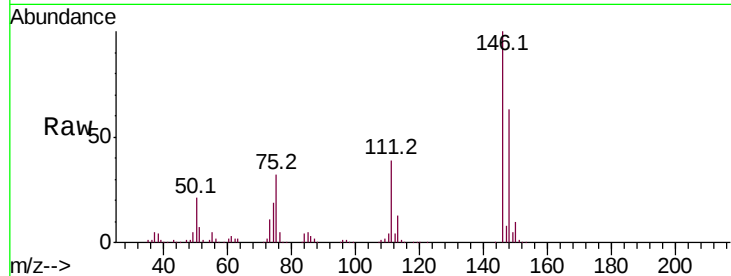
ClientSampleId :

OR-01-021319-AMS

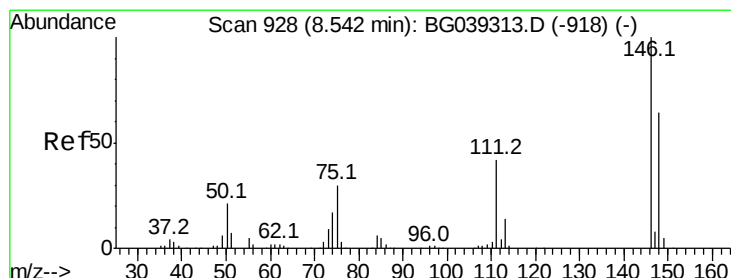
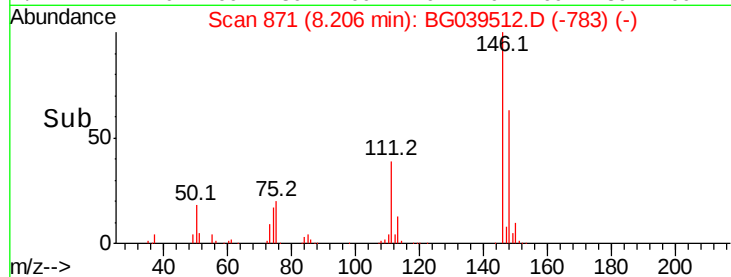
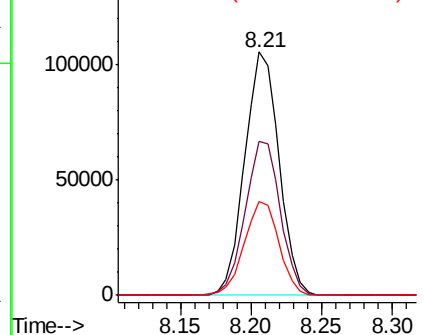
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 179204 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.5  | 51.1  | 76.7   |
| 111       | 38.5  | 32.6  | 48.8   |

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



#14

1,2-Dichlorobenzene

Concen: 44.076 ng

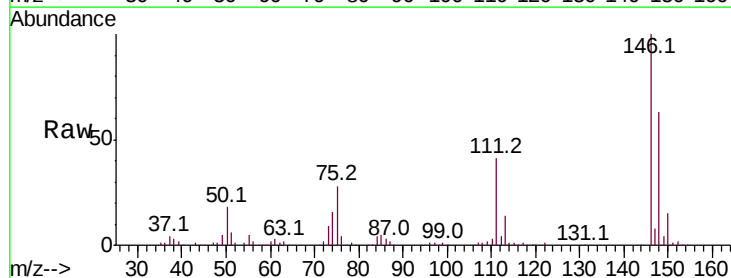
RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

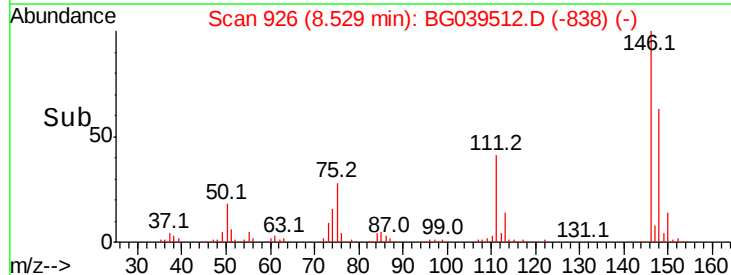
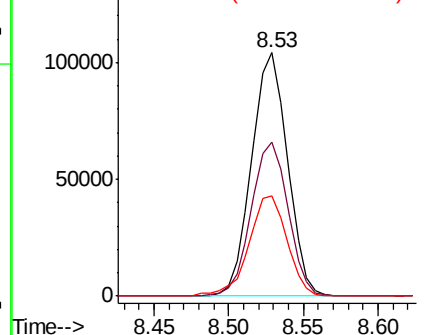
Lab File: BG039512.D

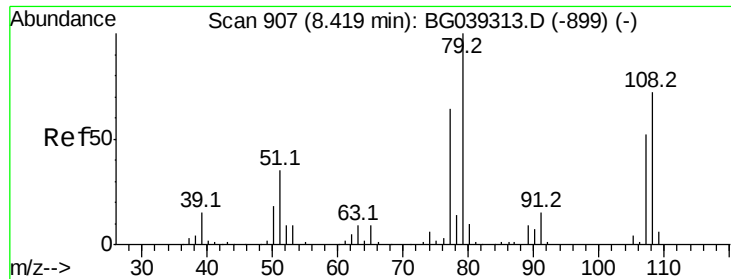
Acq: 14 Feb 2019 18:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 173166 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.3  | 51.5  | 77.3   |
| 111       | 41.2  | 33.8  | 50.6   |



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





#15

Benzyl Alcohol

Concen: 49.021 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

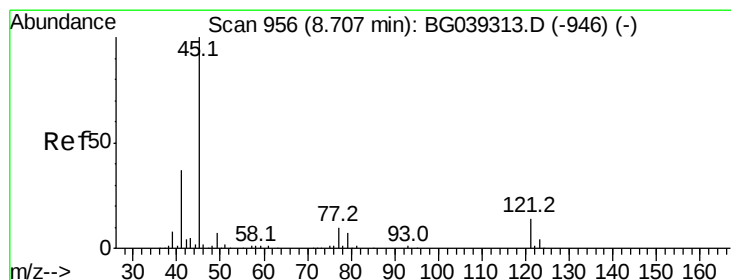
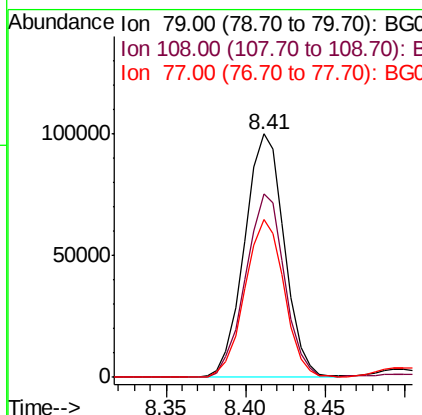
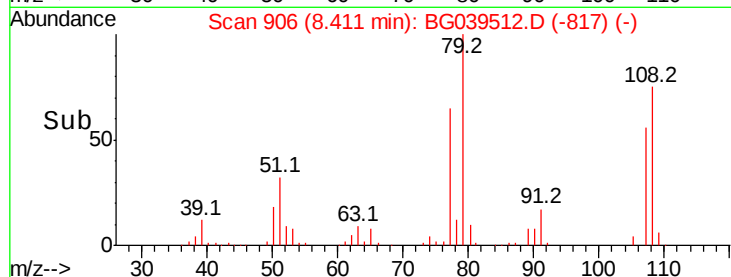
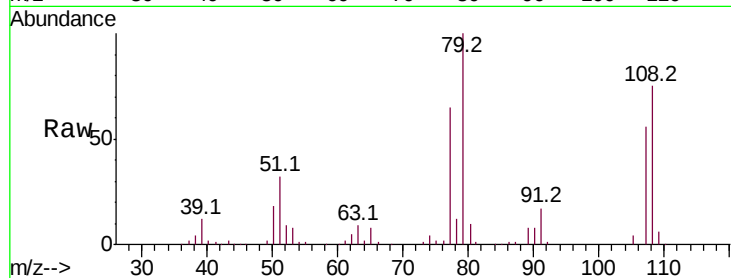
ClientSampleId :

OR-01-021319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 174193 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 75.1  | 57.8  | 86.6   |
| 77        | 64.9  | 51.1  | 76.7   |

Manual Integrations  
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2/15/2019 9:44:34 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.416 ng

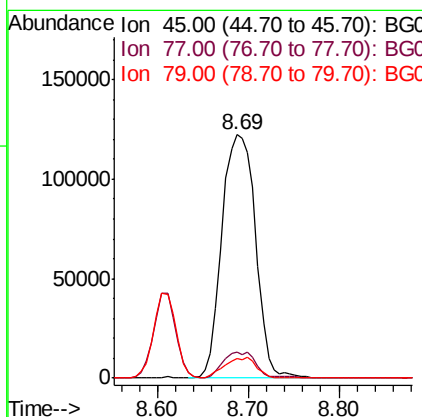
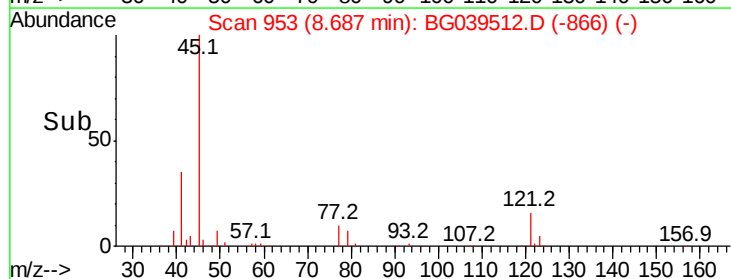
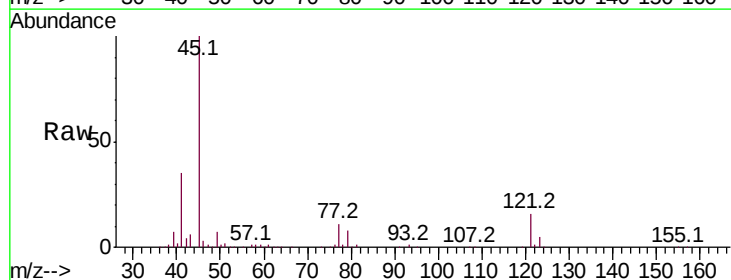
RT: 8.69 min Scan# 953

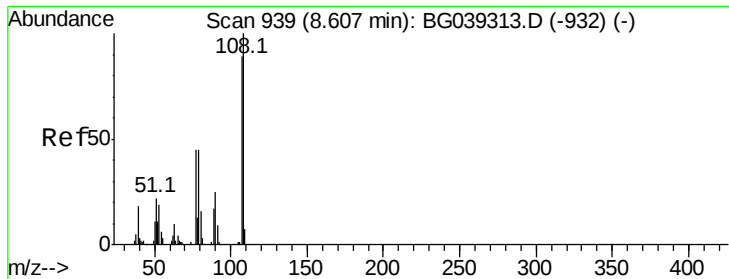
Delta R.T. -0.02 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 315016 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 10.7  | 0.0   | 30.0   |
| 79        | 7.9   | 0.0   | 27.5   |





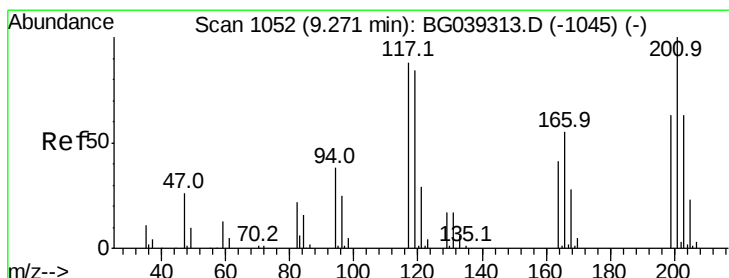
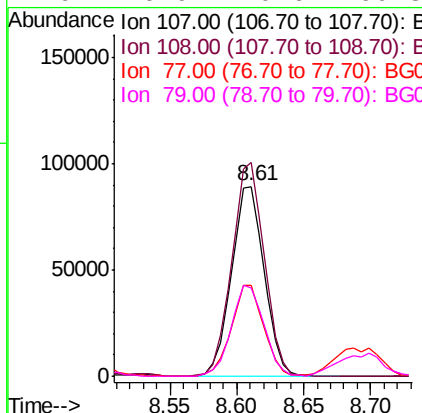
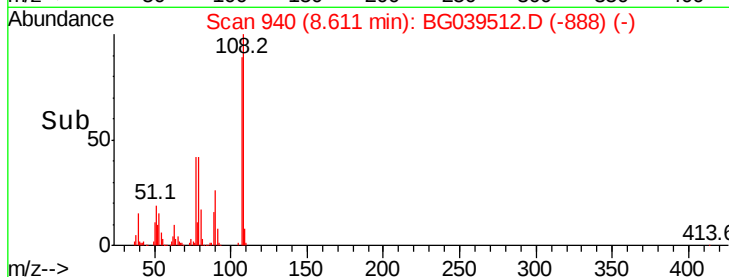
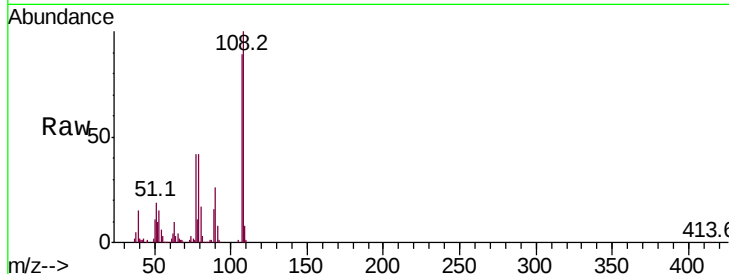
#17  
2-Methylphenol  
Concen: 49.825 ng  
RT: 8.61 min Scan# 940  
Delta R.T. 0.00 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 152129 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 112.6 | 90.8  | 136.2  |
| 77        | 47.7  | 40.7  | 61.1   |
| 79        | 46.9  | 40.6  | 60.8   |

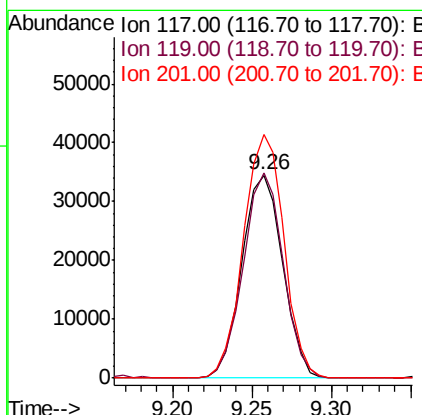
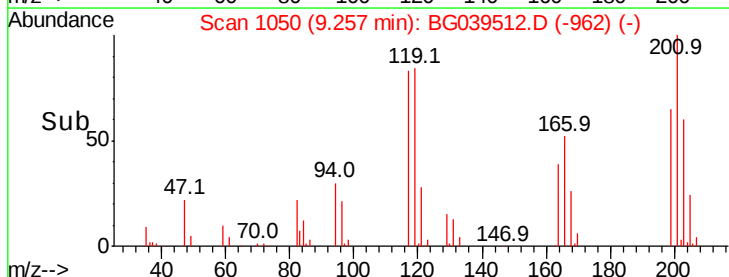
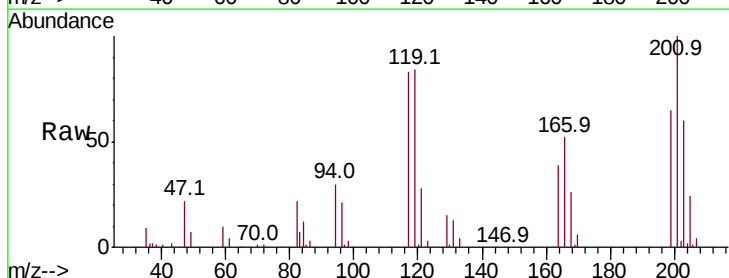
Manual Integrations  
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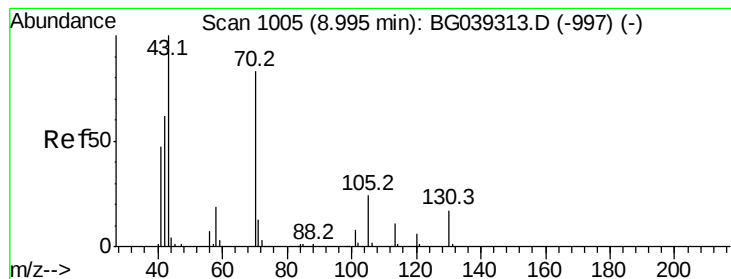
Sohil  
2/15/2019 9:44:34 AM



#18  
Hexachloroethane  
Concen: 44.182 ng  
RT: 9.26 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 61690 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 101.0 | 76.3  | 114.5 |
| 201       | 120.0 | 91.1  | 136.7 |





#19

n-Nitroso-di-n-propylamine

Concen: 42.874 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

ClientSampleId :

OR-01-021319-AMS

Tot Ion: 70 Resp: 137732

Ion Ratio Lower Upper

70 100

42 68.5 60.4 90.6

101 11.2 7.5 11.3

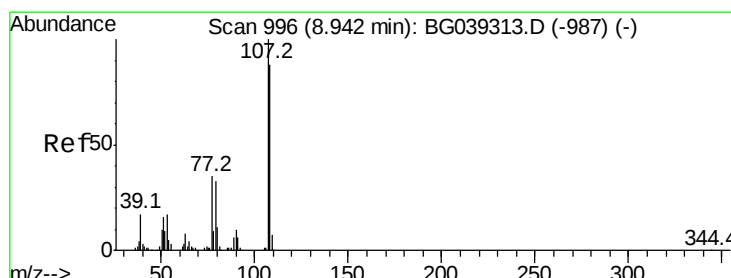
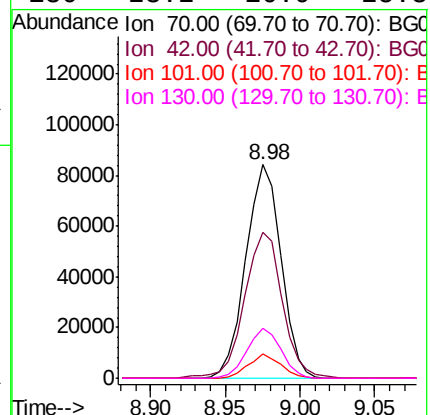
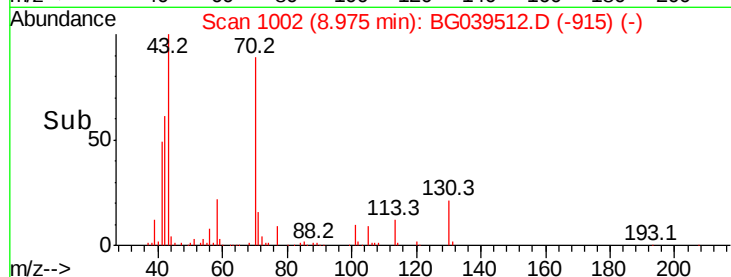
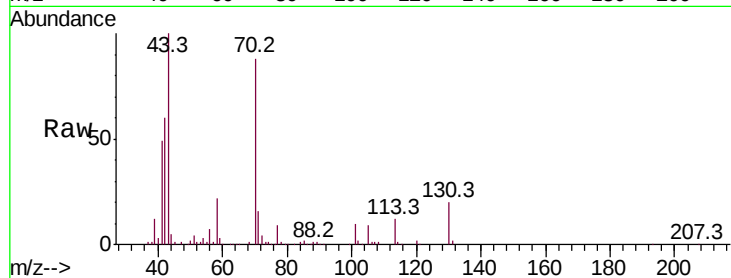
130 23.2 16.9 25.3

Manual Integrations

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#20

3+4-Methylphenols

Concen: 50.161 ng

RT: 8.94 min Scan# 996

Delta R.T. -0.00 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Tgt Ion: 107 Resp: 210901

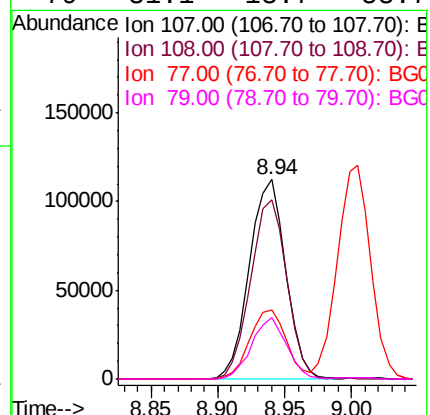
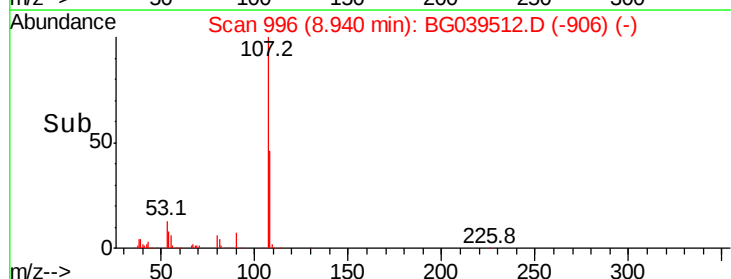
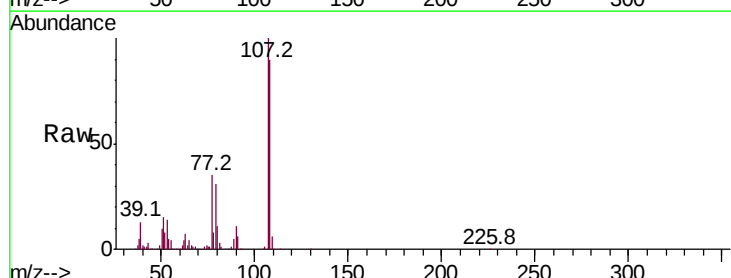
Ion Ratio Lower Upper

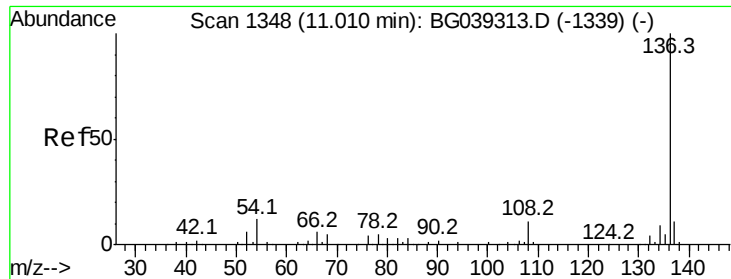
107 100

108 89.7 67.9 107.9

77 34.9 15.4 55.4

79 31.1 13.7 53.7





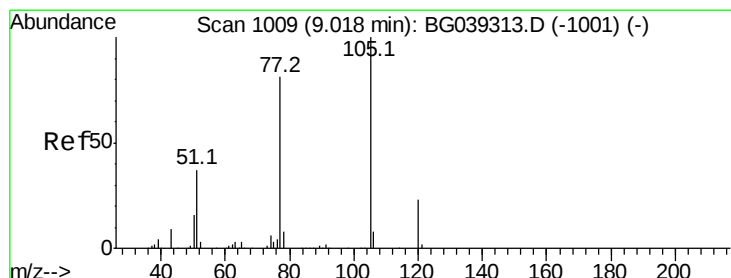
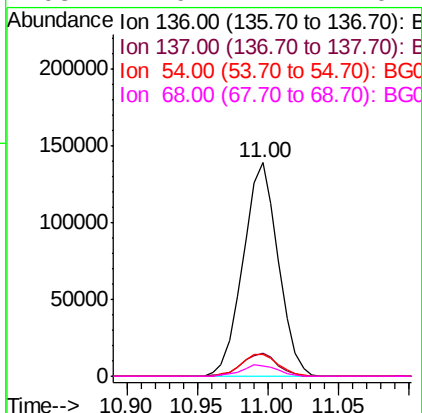
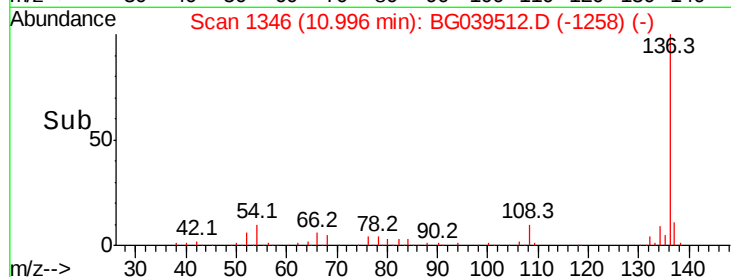
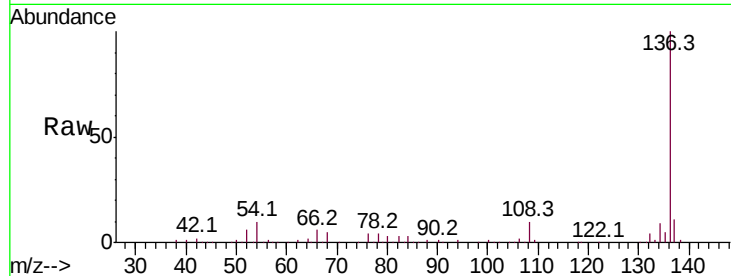
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.00 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 9.1  | 13.7  |       |
| 54      | 10.1  | 9.4  | 14.2  |       |
| 68      | 4.9   | 4.2  | 6.4   |       |

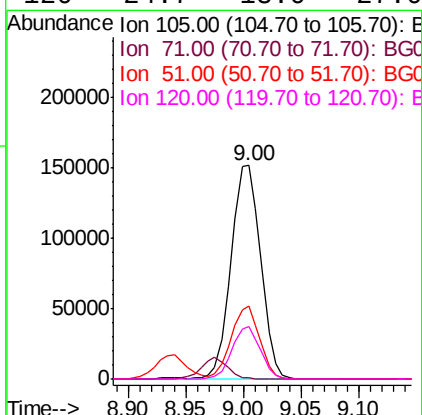
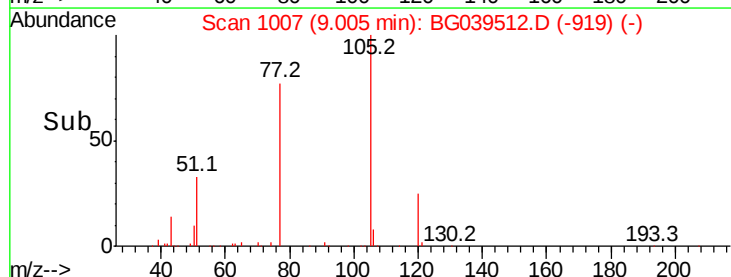
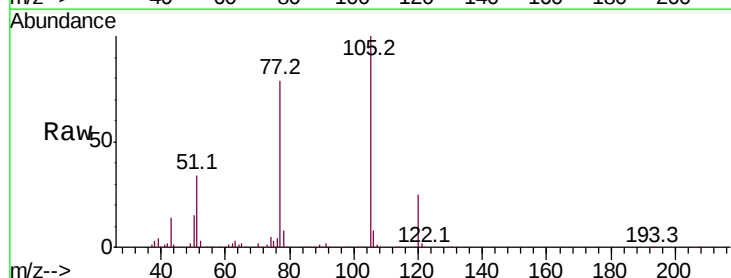
Manual Integrations  
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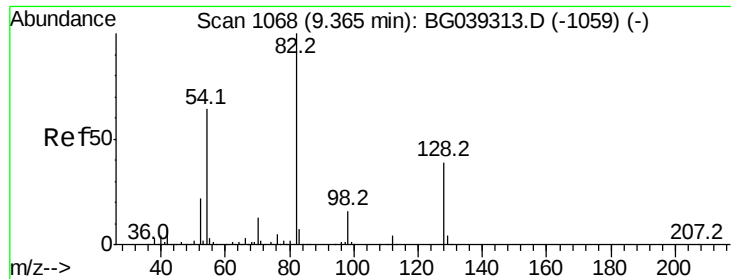
Sohil  
2/15/2019 9:44:34 AM



#22  
Acetophenone  
Concen: 41.310 ng  
RT: 9.00 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.4   | 0.8  | 1.2#  |       |
| 51      | 34.0  | 30.2 | 45.2  |       |
| 120     | 24.7  | 18.0 | 27.0  |       |





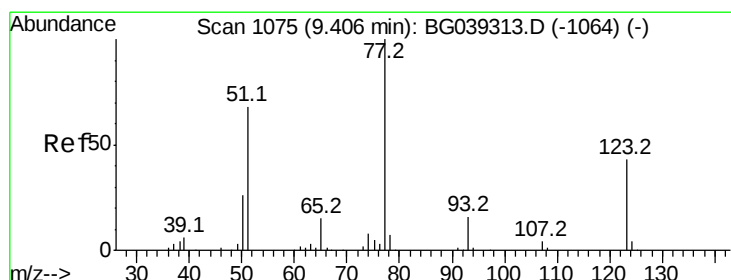
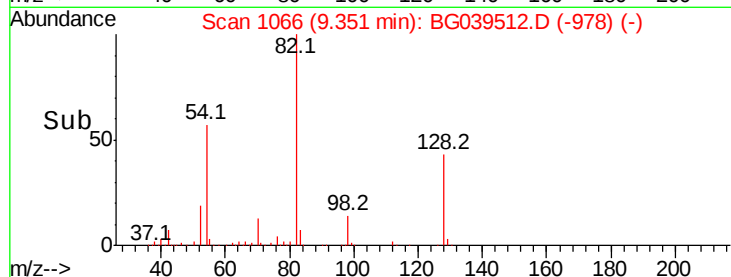
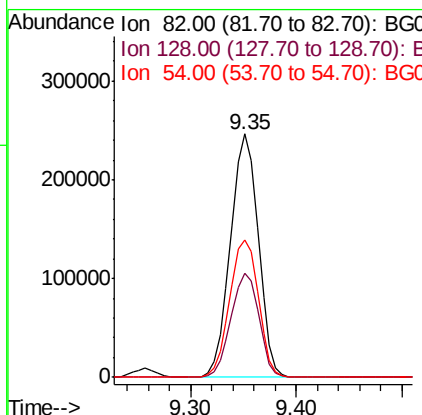
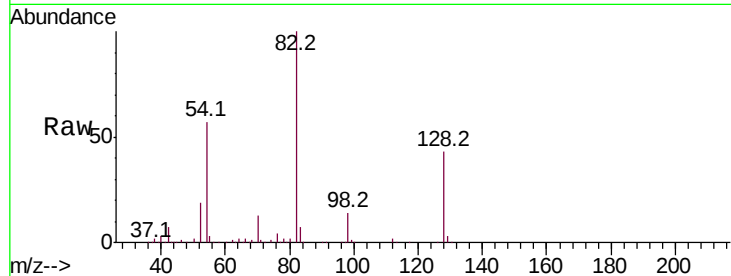
#23  
Nitrobenzene-d5  
Concen: 115.396 ng  
RT: 9.35 min Scan# 1066  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.5  | 31.3  | 46.9  |
| 54      | 56.6  | 50.9  | 76.3  |

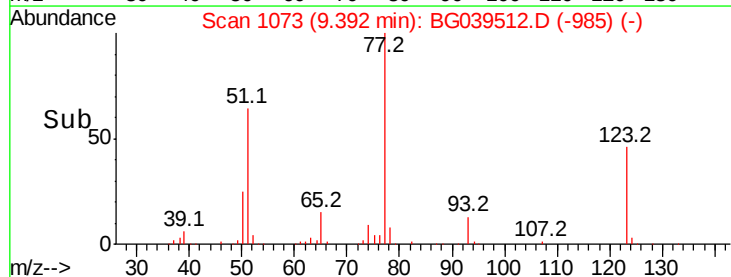
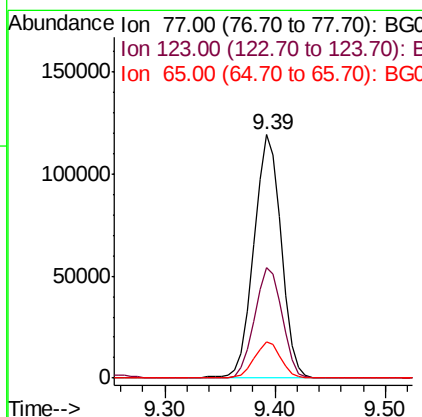
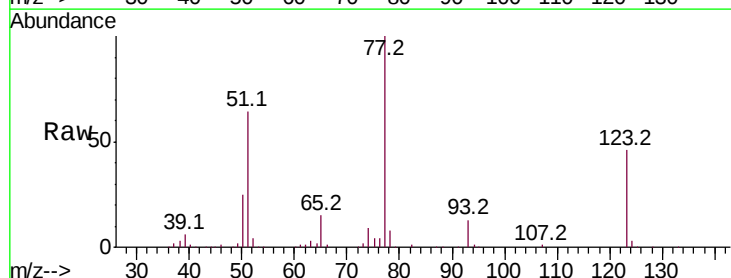
Manual Integrations  
APPROVED

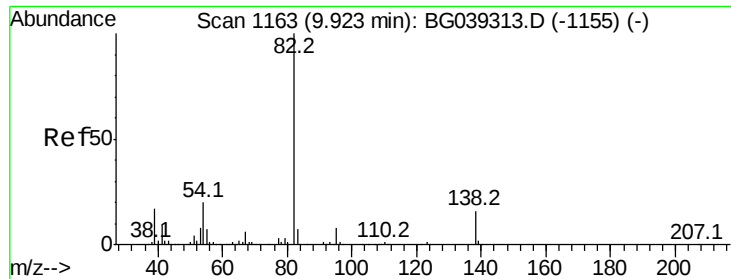
Sohil  
2/15/2019 9:44:34 AM



#24  
Nitrobenzene  
Concen: 49.500 ng  
RT: 9.39 min Scan# 1073  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 45.6  | 34.1  | 51.1  |
| 65      | 14.6  | 12.3  | 18.5  |





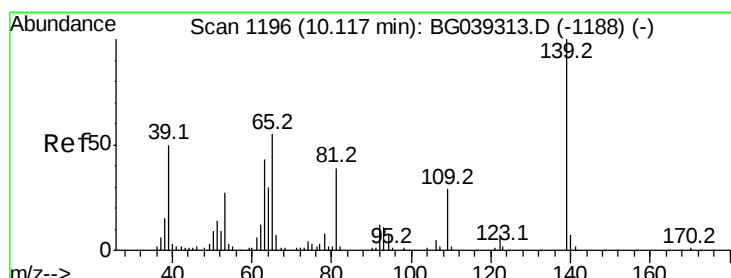
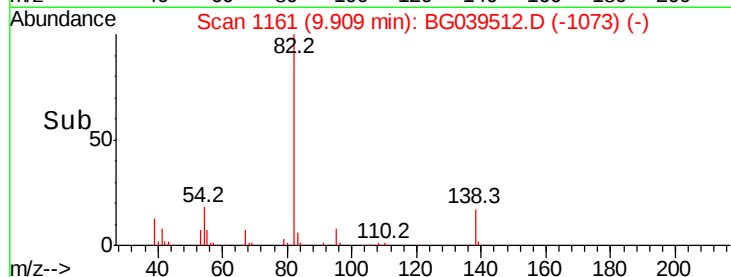
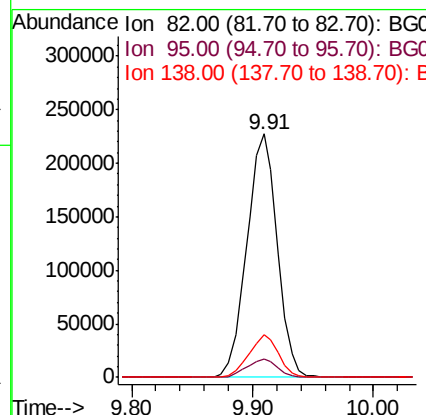
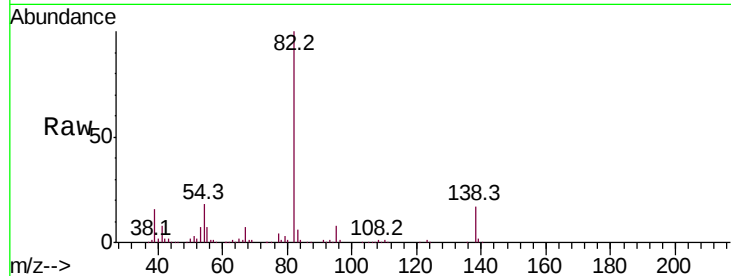
#25  
Isophorone  
Concen: 46.368 ng  
RT: 9.91 min Scan# 1161  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 95      | 7.7   | 6.2        | 9.2   |
| 138     | 17.3  | 13.0       | 19.4  |

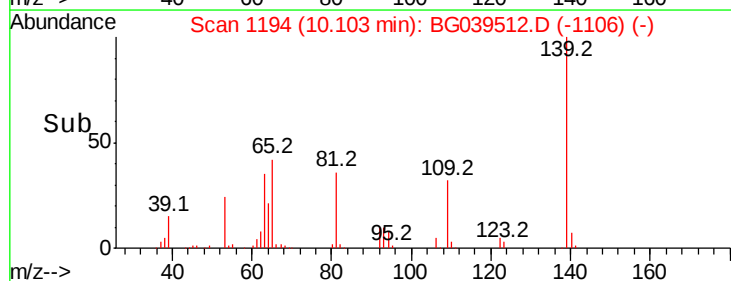
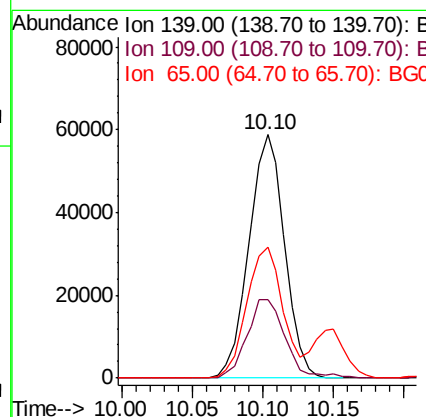
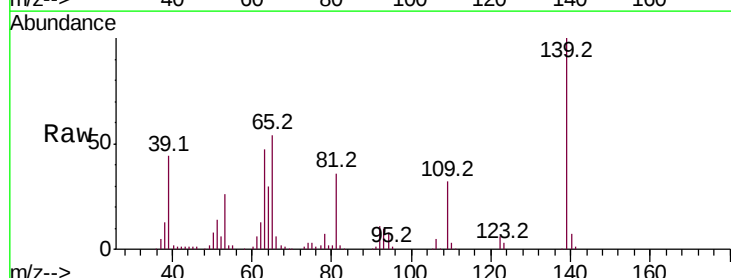
Manual Integrations  
APPROVED

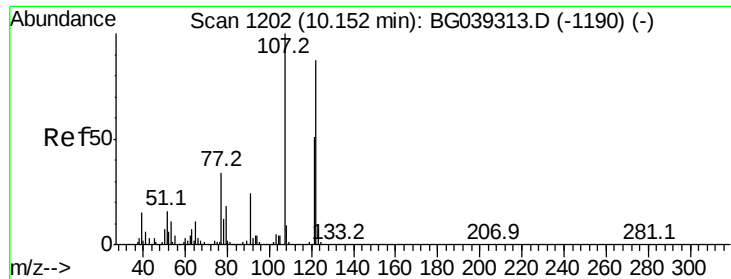
Sohil  
2/15/2019 9:44:34 AM



#26  
2-Nitrophenol  
Concen: 58.946 ng  
RT: 10.10 min Scan# 1194  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 139     | 100   |            |       |
| 109     | 32.1  | 23.4       | 35.0  |
| 65      | 54.0  | 44.3       | 66.5  |





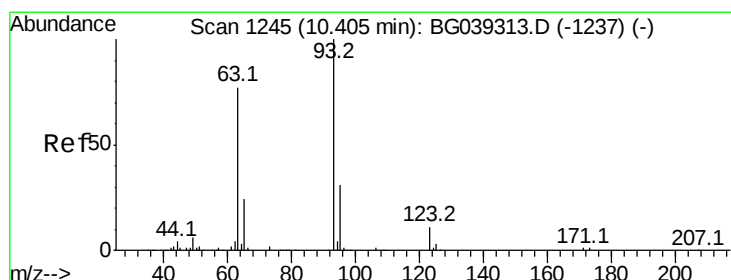
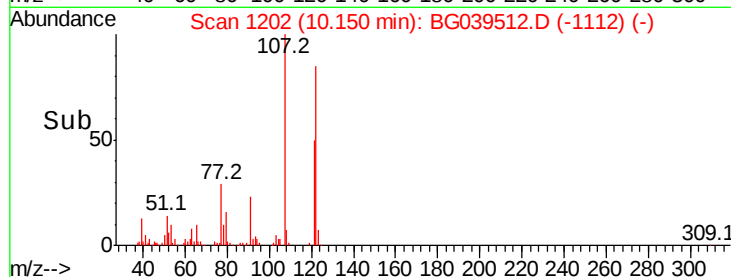
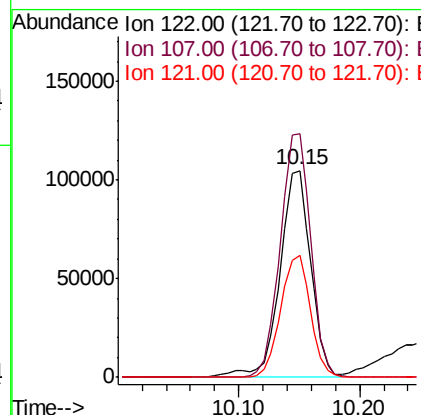
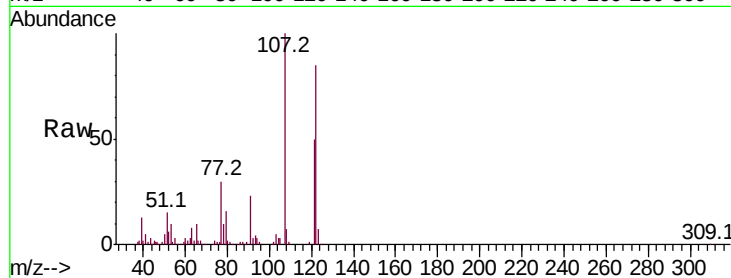
#27  
 2,4-Dimethylphenol  
 Concen: 53.118 ng  
 RT: 10.15 min Scan# 1202  
 Delta R.T. -0.00 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 117.9 | 91.7  | 137.5 |
| 121     | 59.0  | 46.4  | 69.6  |

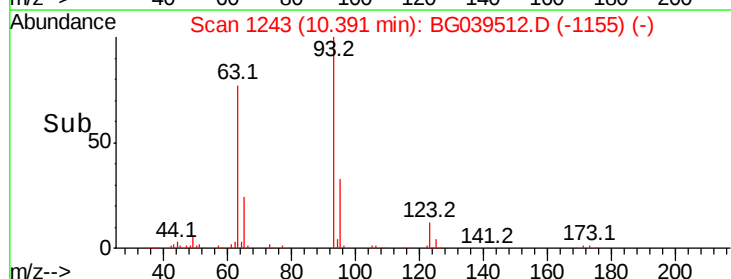
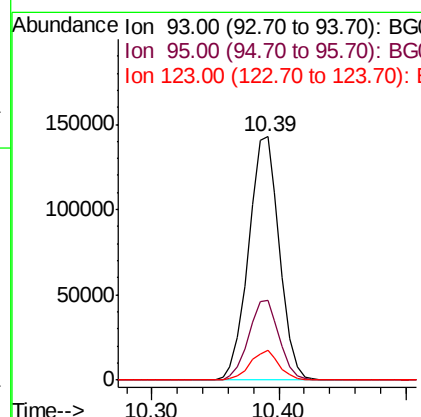
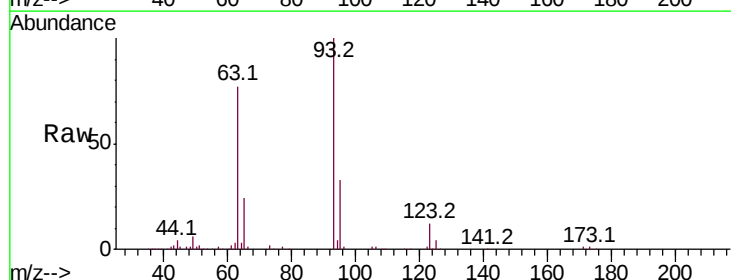
Manual Integrations  
 APPROVED

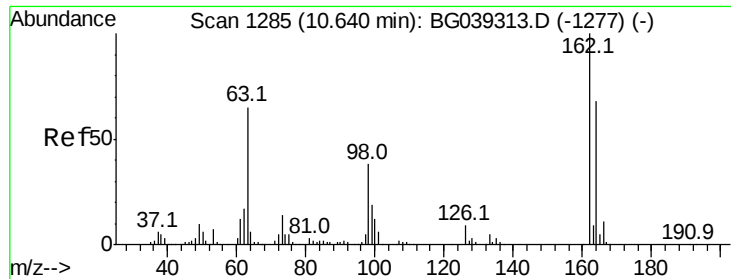
Sohil  
 2/15/2019 9:44:34 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.391 ng  
 RT: 10.39 min Scan# 1243  
 Delta R.T. -0.01 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 25.0  | 37.4  |
| 123     | 12.5  | 8.6   | 12.8  |





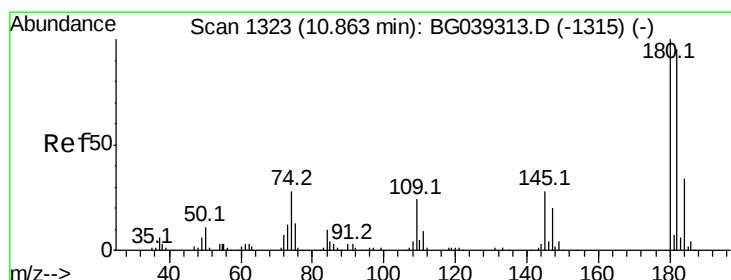
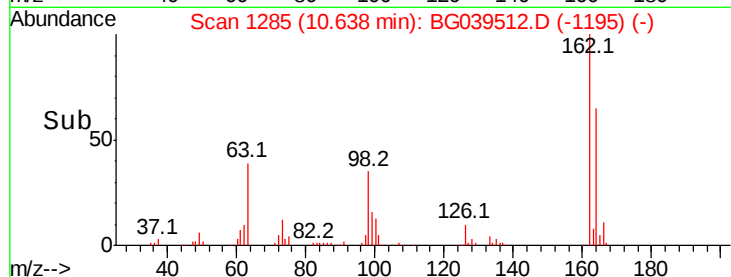
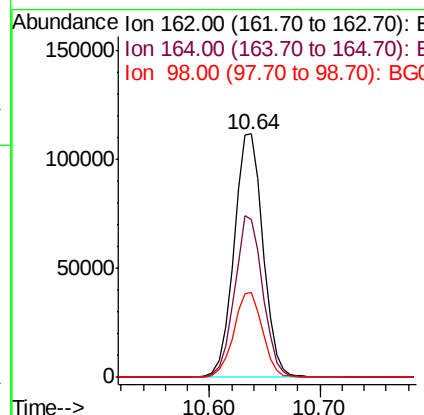
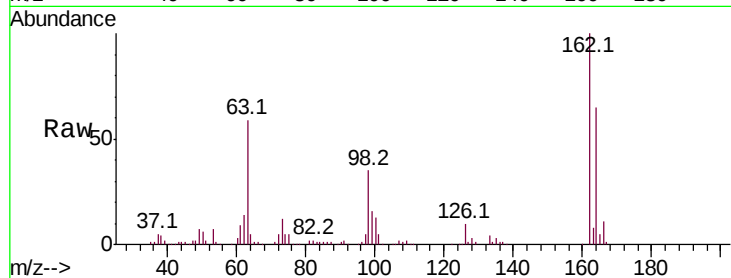
#29  
2,4-Dichlorophenol  
Concen: 54.025 ng  
RT: 10.64 min Scan# 1285  
Delta R.T. -0.00 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 65.1  | 48.1       | 88.1  |
| 98      | 35.0  | 18.1       | 58.1  |

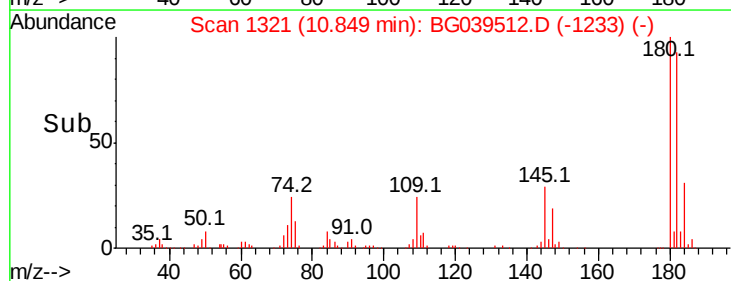
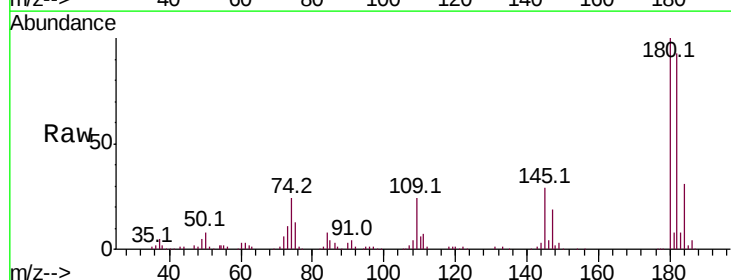
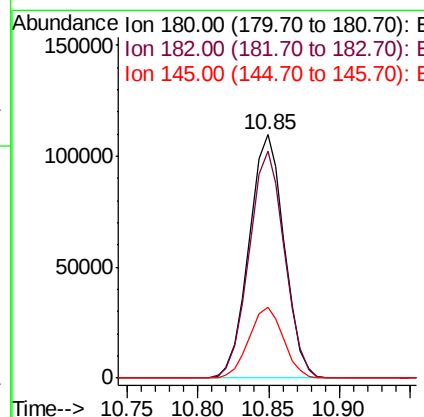
Manual Integrations  
APPROVED

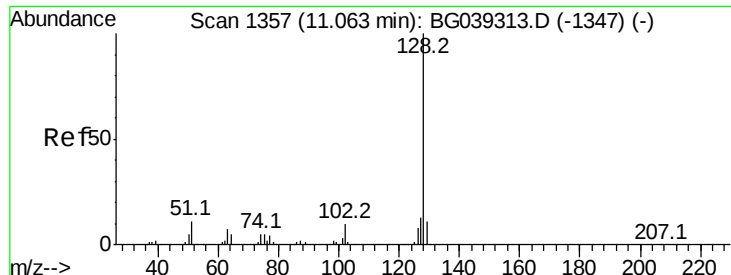
Sohil  
2/15/2019 9:44:34 AM



#30  
1,2,4-Trichlorobenzene  
Concen: 45.019 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 93.3  | 76.0       | 114.0 |
| 145     | 29.2  | 22.7       | 34.1  |





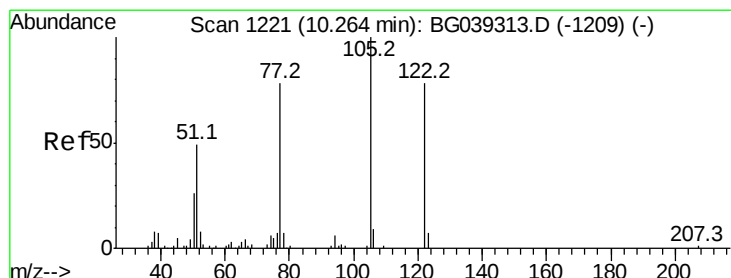
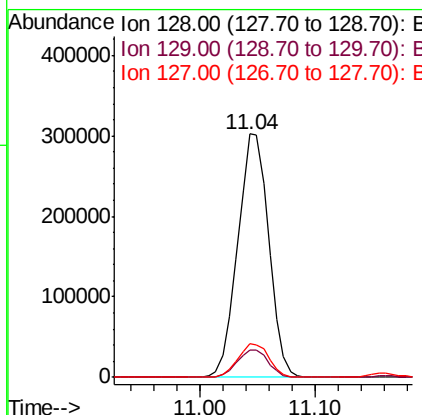
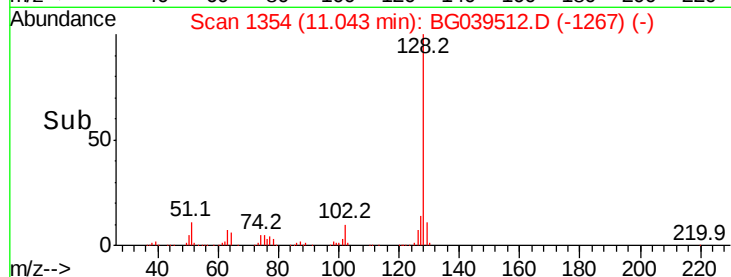
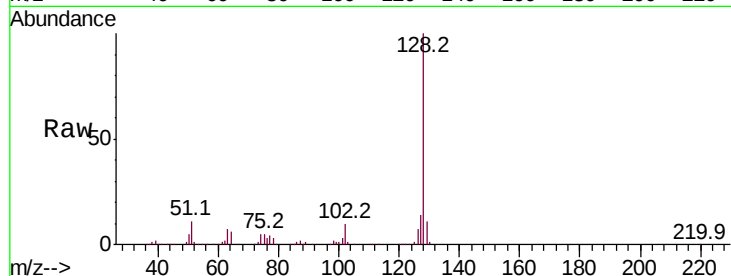
#31  
Naphthalene  
Concen: 46.801 ng  
RT: 11.04 min Scan# 1354  
Delta R.T. -0.02 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 11.3  | 8.7  | 13.1  |       |
| 127     | 14.1  | 10.8 | 16.2  |       |

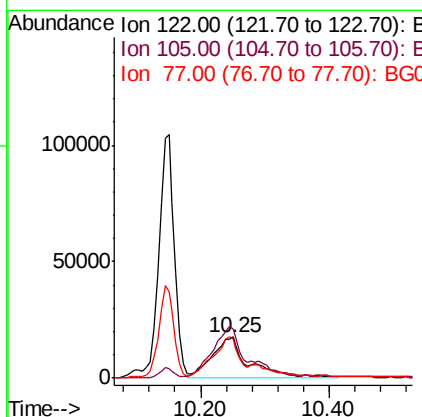
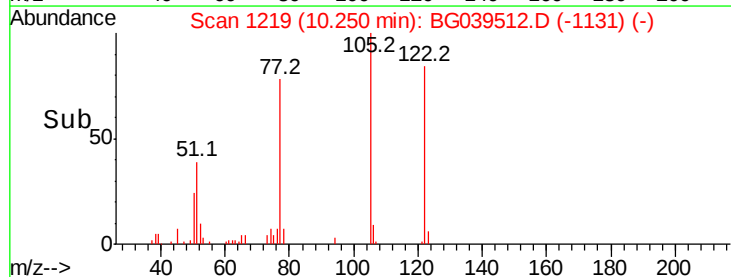
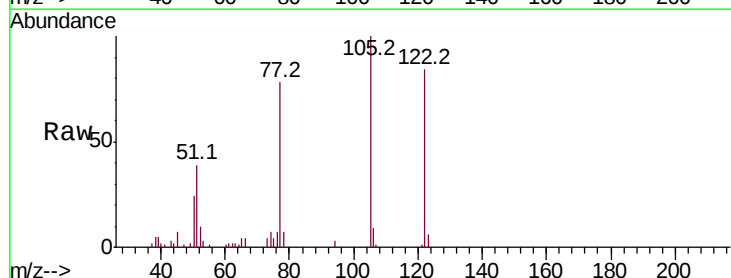
Manual Integrations  
APPROVED

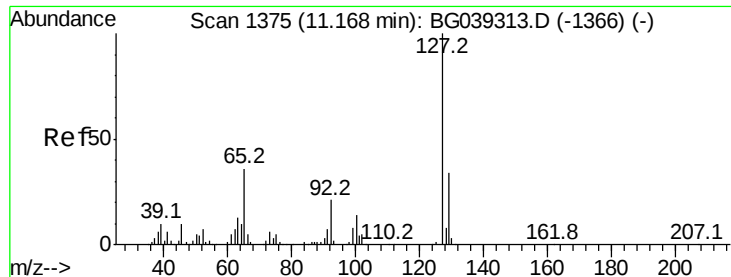
Sohil  
2/15/2019 9:44:34 AM



#32  
Benzoic acid  
Concen: 32.692 ng m  
RT: 10.25 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 119.8 | 101.8 | 141.8 |       |
| 77      | 92.8  | 76.3  | 116.3 |       |





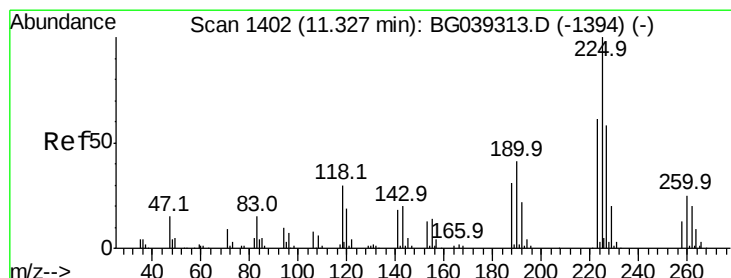
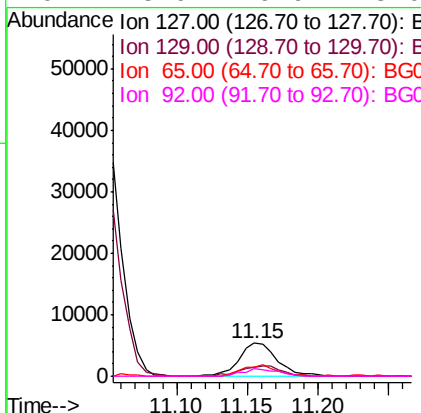
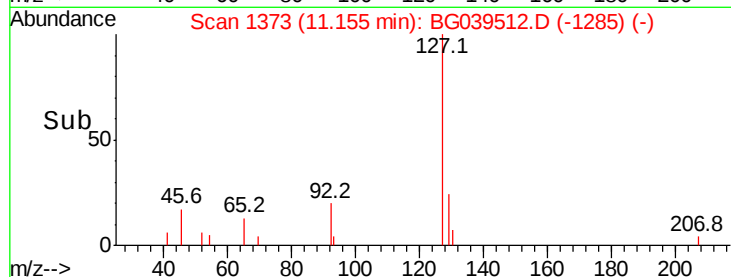
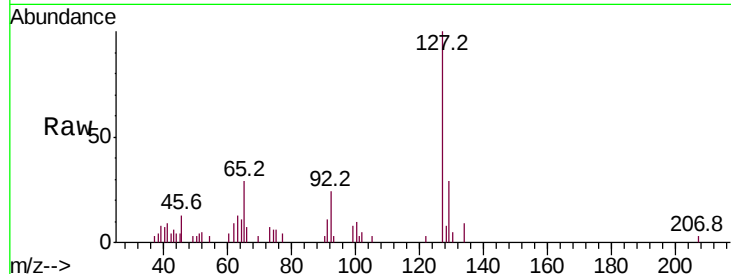
#33  
4-Chloroaniline  
Concen: 1.834 ng  
RT: 11.15 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 28.9  | 27.0 | 40.4  |       |
| 65      | 28.7  | 28.8 | 43.2  |       |
| 92      | 23.9  | 16.6 | 25.0  |       |

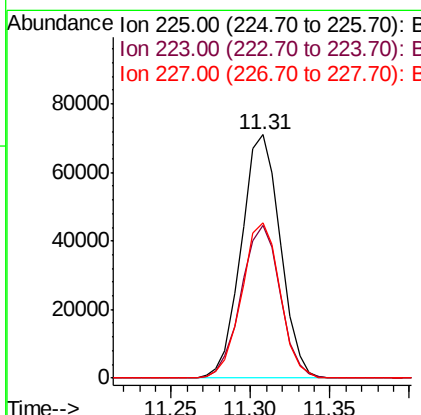
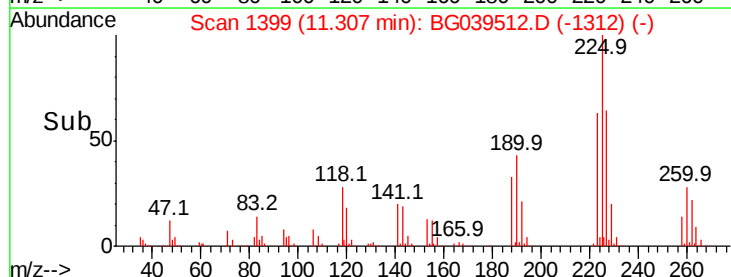
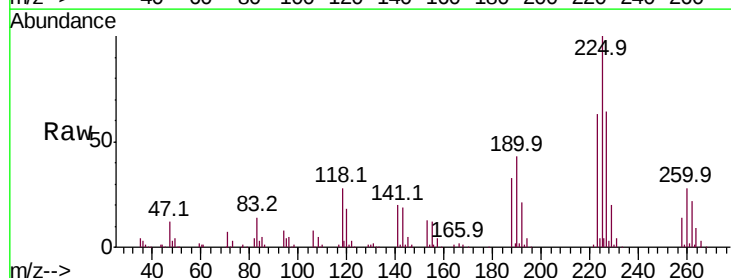
Manual Integrations  
APPROVED

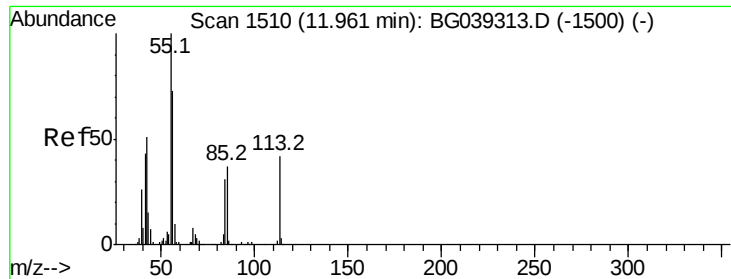
Sohil  
2/15/2019 9:44:34 AM



#34  
Hexachlorobutadiene  
Concen: 42.689 ng  
RT: 11.31 min Scan# 1399  
Delta R.T. -0.02 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.8  | 49.0 | 73.6  |       |
| 227     | 63.9  | 46.3 | 69.5  |       |





#35

Caprolactam

Concen: 31.637 ng

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

ClientSampleId :

OR-01-021319-AMS

Tot Ion:113 Resp: 49749

Ion Ratio Lower Upper

113 100

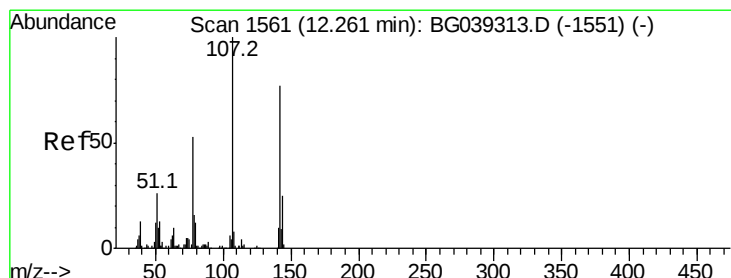
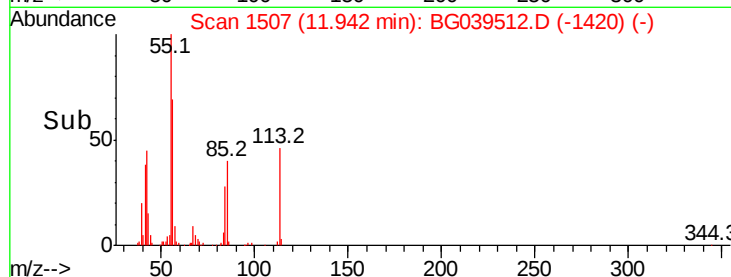
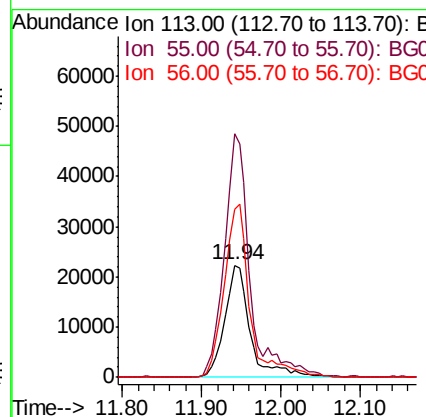
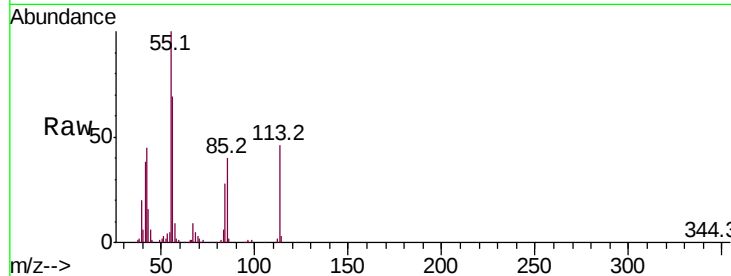
55 217.4 216.9 256.9

56 149.6 152.6 192.6#

Manual Integrations  
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2/15/2019 9:44:34 AM



#36

4-Chloro-3-methylphenol

Concen: 50.399 ng

RT: 12.26 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

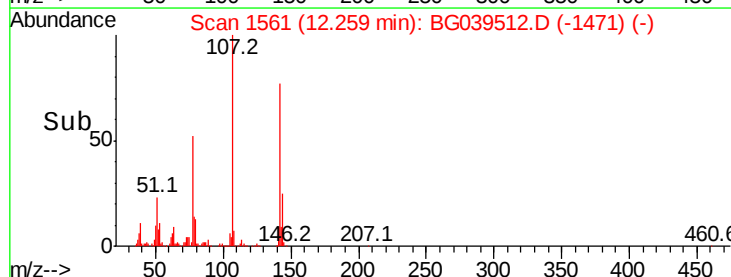
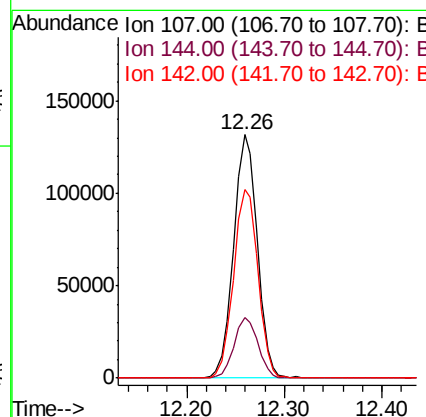
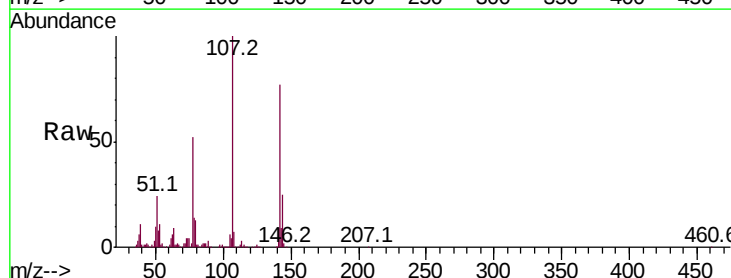
Tgt Ion:107 Resp: 221488

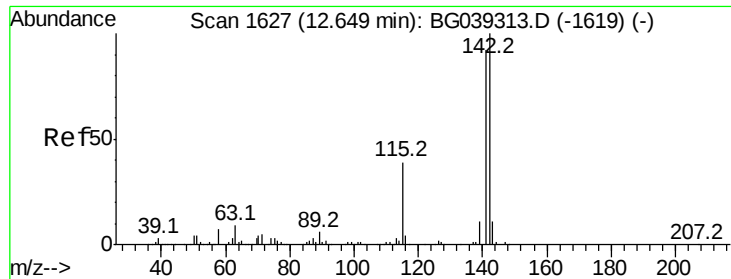
Ion Ratio Lower Upper

107 100

144 24.7 20.2 30.2

142 77.2 61.4 92.2





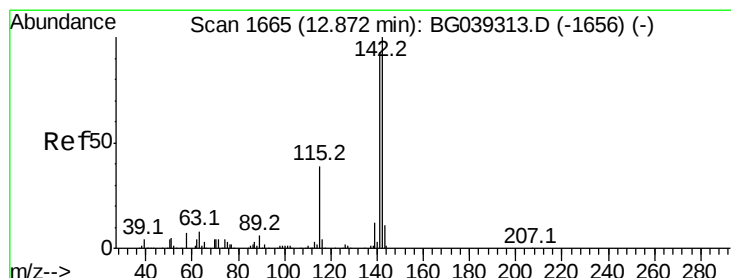
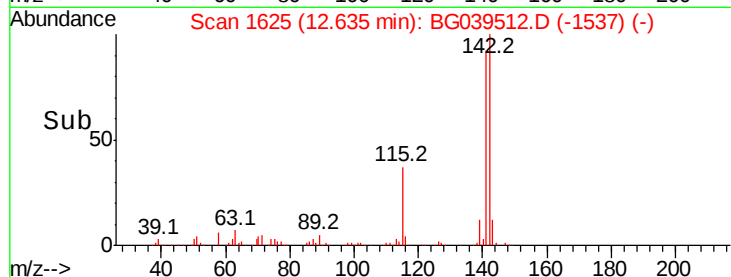
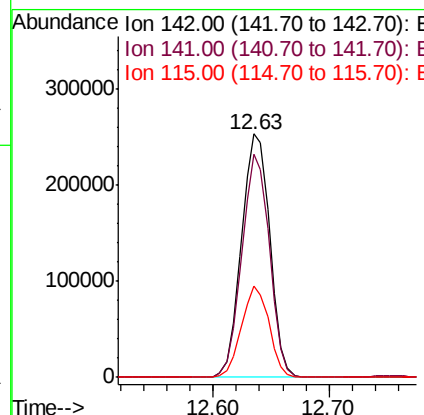
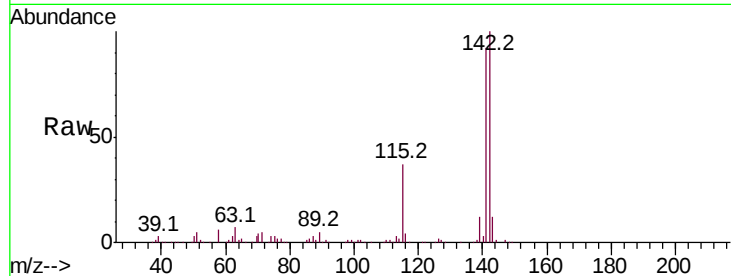
#37  
2-Methylnaphthalene  
Concen: 48.213 ng  
RT: 12.63 min Scan# 1625  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 429245 |       |       |
| 141     | 91.7  | 73.5   | 110.3 |       |
| 115     | 37.4  | 30.8   | 46.2  |       |

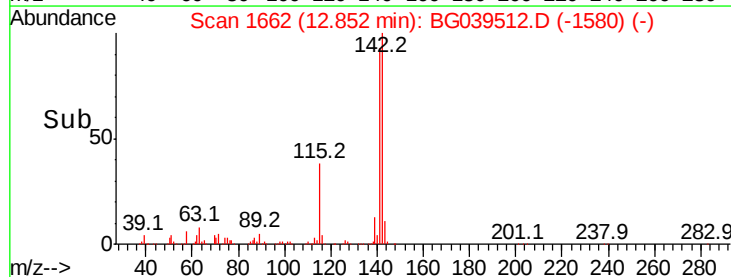
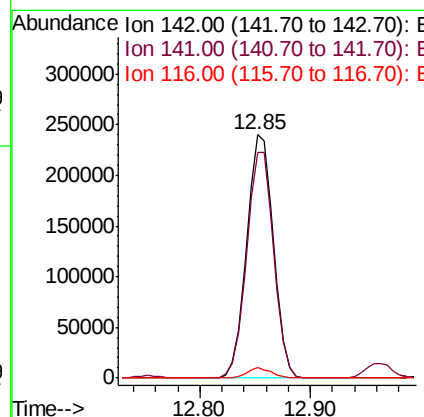
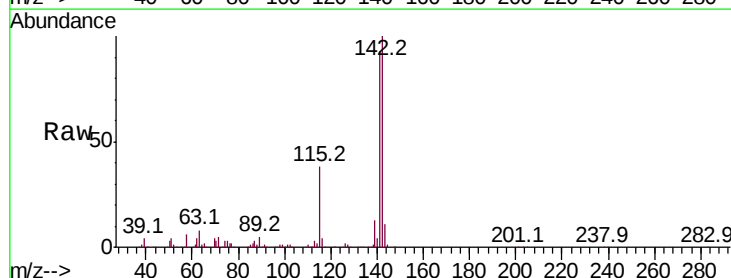
Manual Integrations  
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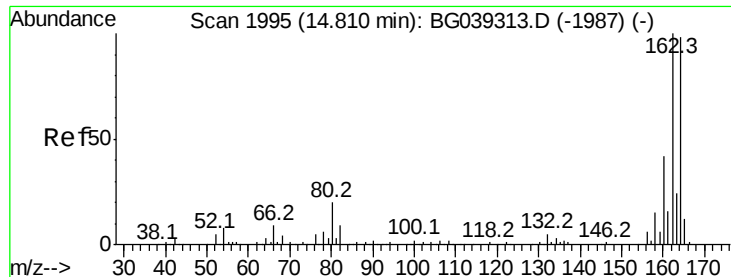
Sohil  
2/15/2019 9:44:34 AM



#38  
1-Methylnaphthalene  
Concen: 47.476 ng  
RT: 12.85 min Scan# 1662  
Delta R.T. -0.02 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 407451 |       |       |
| 141     | 92.9  | 74.2   | 111.4 |       |
| 116     | 4.2   | 3.0    | 4.6   |       |





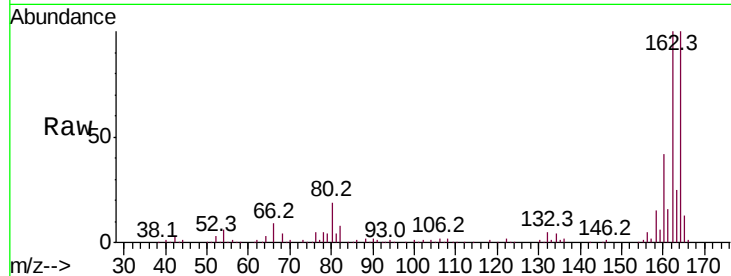
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.80 min Scan# 1993  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 167227 |       |       |
| 162     | 100.3 | 81.6   | 122.4 |       |
| 160     | 42.4  | 34.2   | 51.2  |       |

Manual Integrations  
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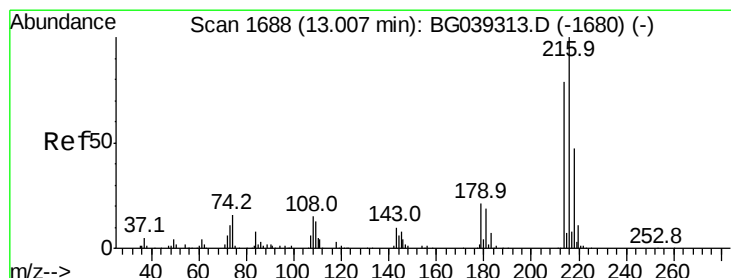
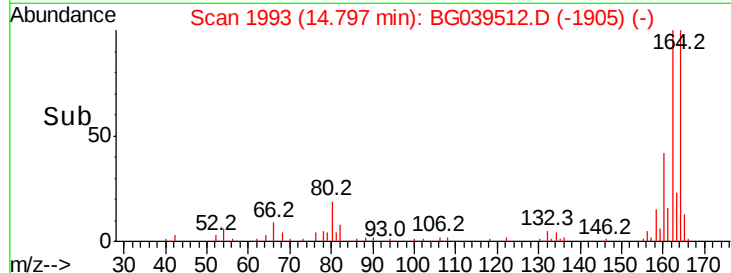
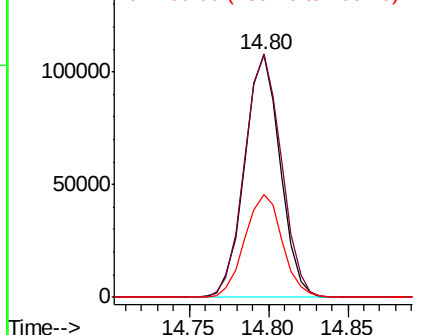


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.345 ng  
RT: 12.99 min Scan# 1686  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 230625 |       |       |
| 214     | 80.2  | 62.6   | 94.0  |       |
| 179     | 20.9  | 16.6   | 25.0  |       |
| 108     | 18.0  | 14.0   | 21.0  |       |

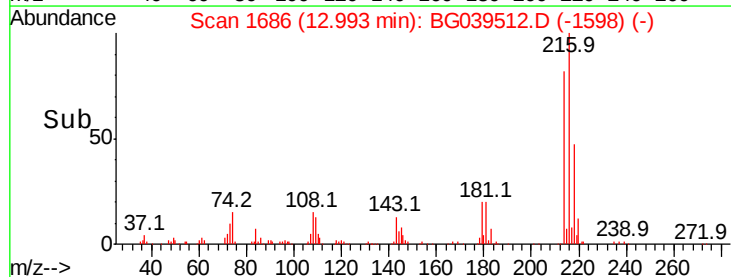
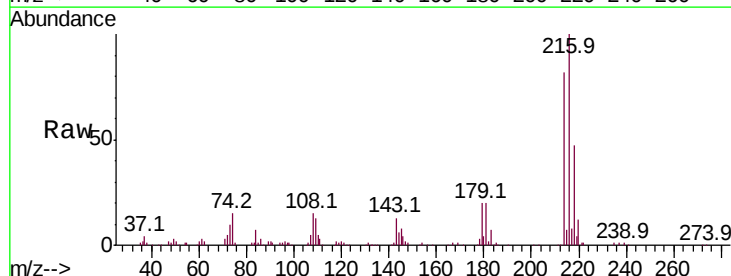
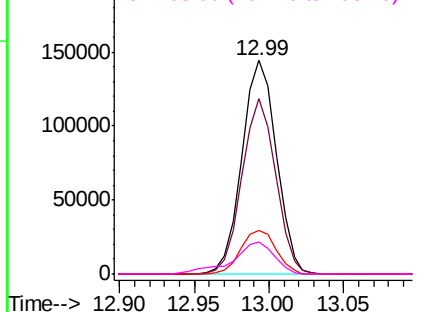
Abundance

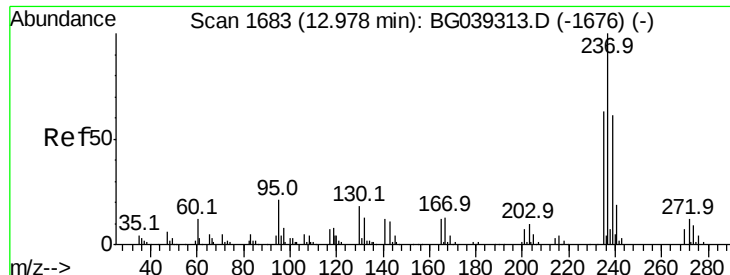
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.583 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

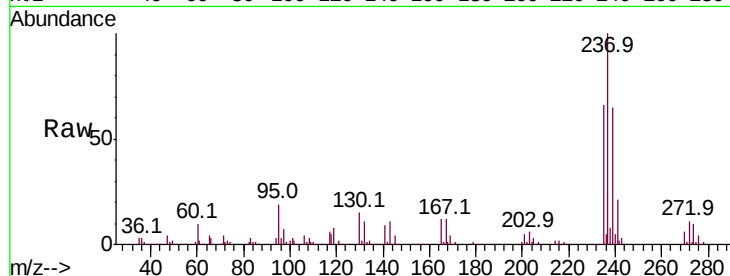
ClientSampleId :

OR-01-021319-AMS

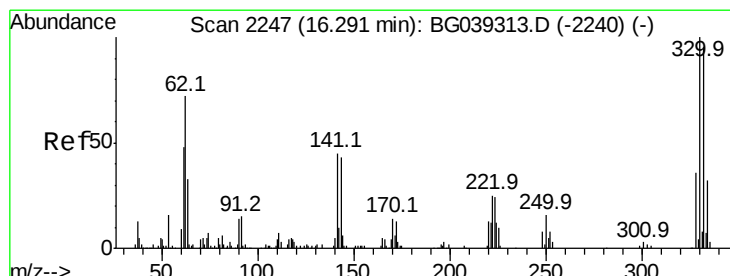
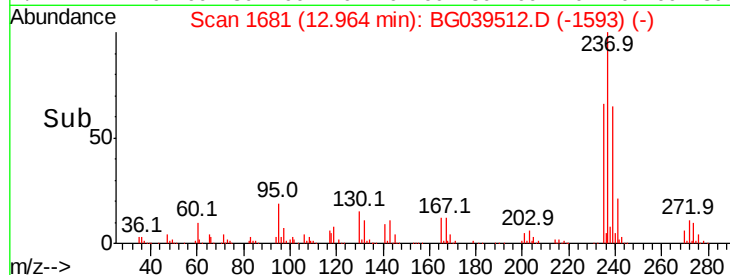
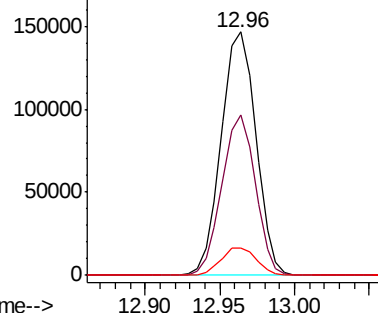
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 236535 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 65.9  | 43.3  | 83.3   |
| 272       | 11.2  | 0.0   | 32.3   |

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



#42

2,4,6-Tribromophenol

Concen: 165.922 ng

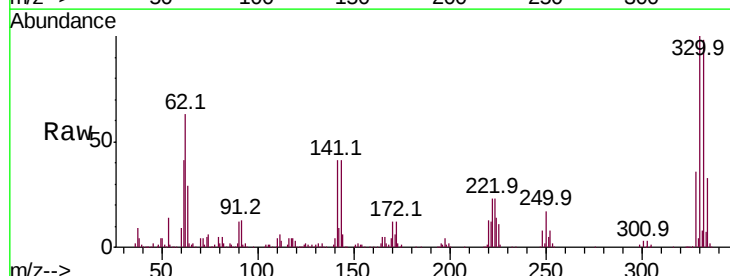
RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

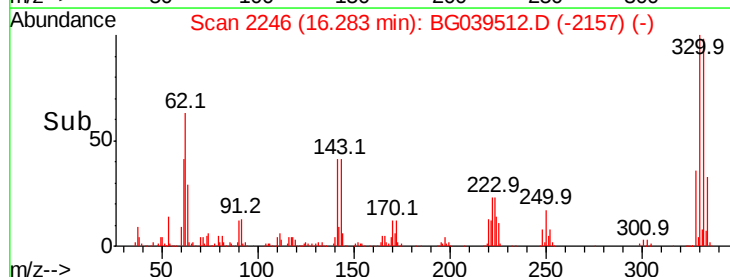
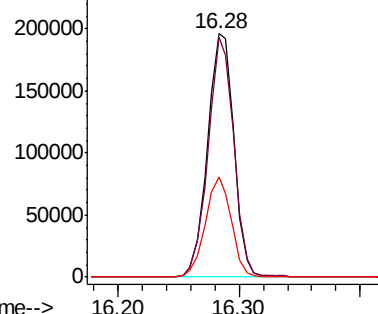
Lab File: BG039512.D

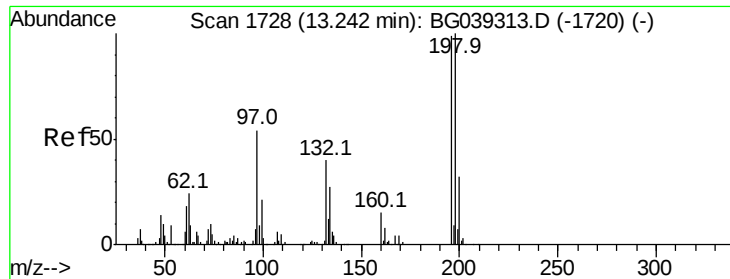
Acq: 14 Feb 2019 18:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 298784 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.7  | 75.7  | 113.5  |
| 141       | 40.4  | 35.6  | 53.4   |



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





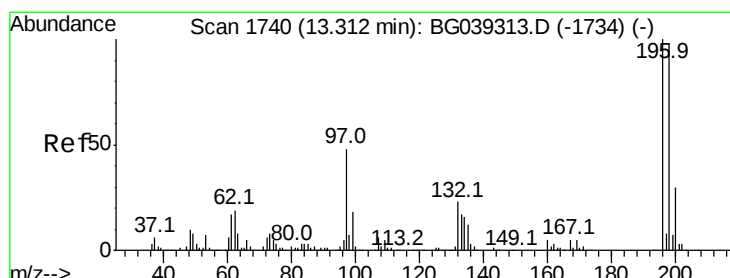
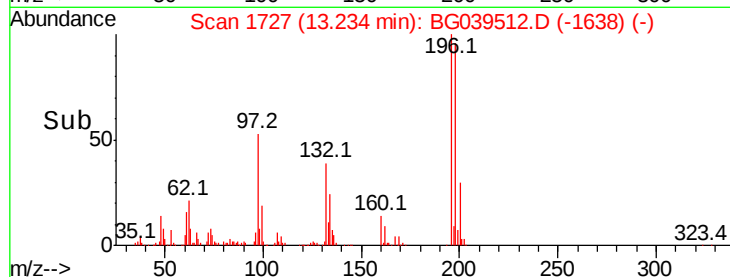
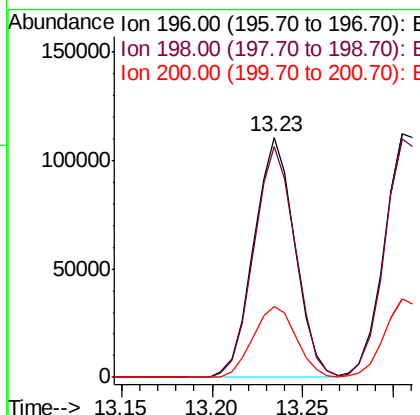
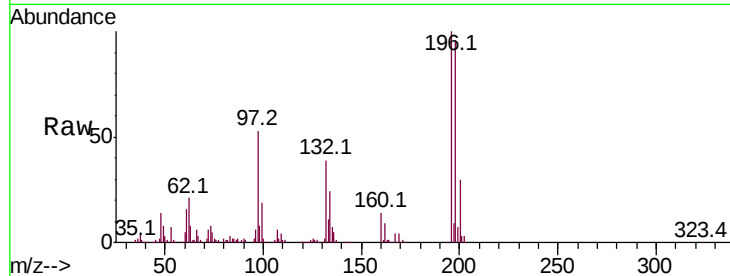
#43  
2,4,6-Trichlorophenol  
Concen: 53.013 ng  
RT: 13.23 min Scan# 1727  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 173428 |       |       |
| 198     | 96.2  | 80.6   | 121.0 |       |
| 200     | 29.7  | 26.1   | 39.1  |       |

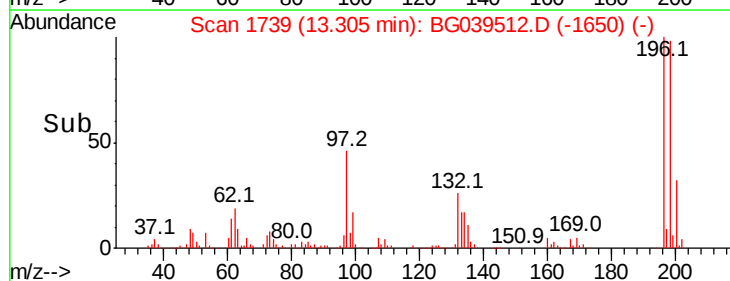
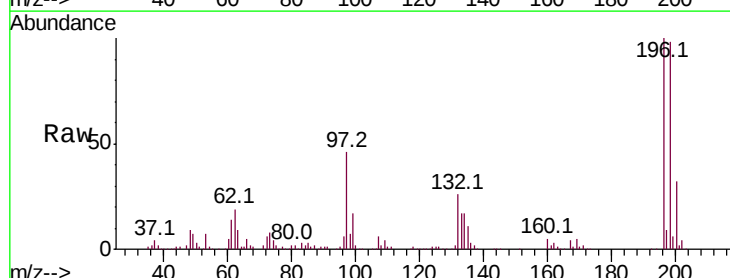
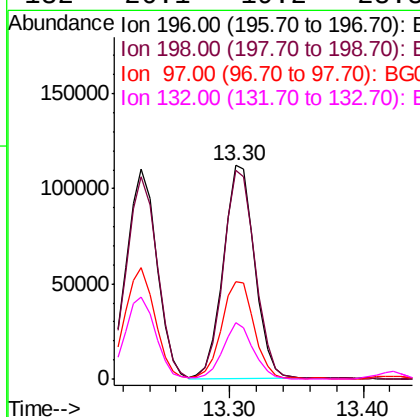
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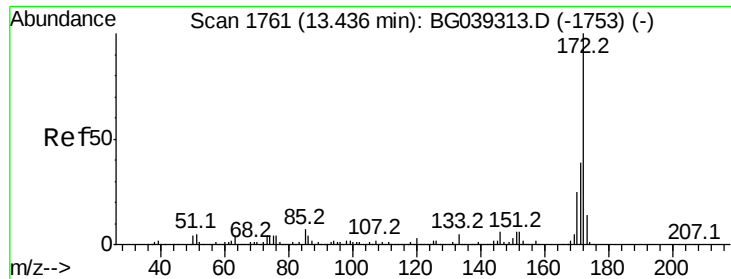
Sohil  
2/15/2019 9:44:34 AM



#44  
2,4,5-Trichlorophenol  
Concen: 54.106 ng  
RT: 13.30 min Scan# 1739  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 185514 |       |       |
| 198     | 97.9  | 78.5   | 117.7 |       |
| 97      | 45.5  | 38.4   | 57.6  |       |
| 132     | 26.1  | 19.2   | 28.8  |       |





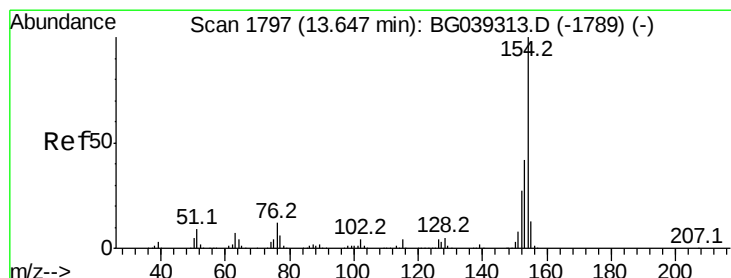
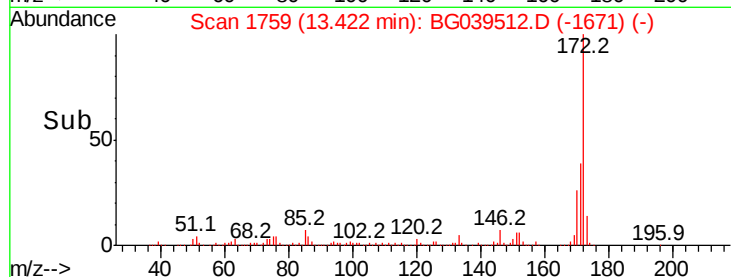
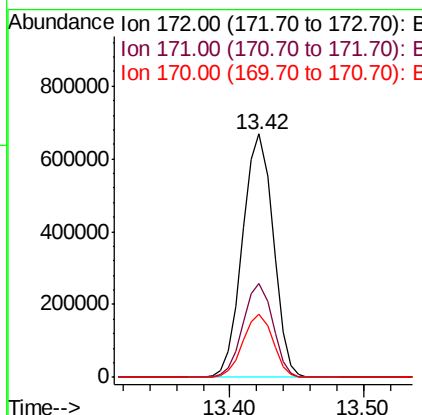
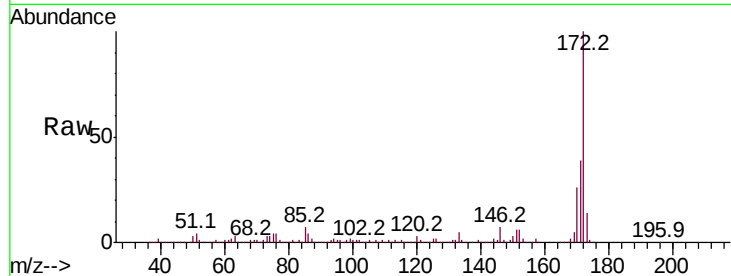
#45  
2-Fluorobiphenyl  
Concen: 91.026 ng  
RT: 13.42 min Scan# 1759  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.5  | 30.8  | 46.2  |
| 170     | 25.7  | 20.2  | 30.4  |

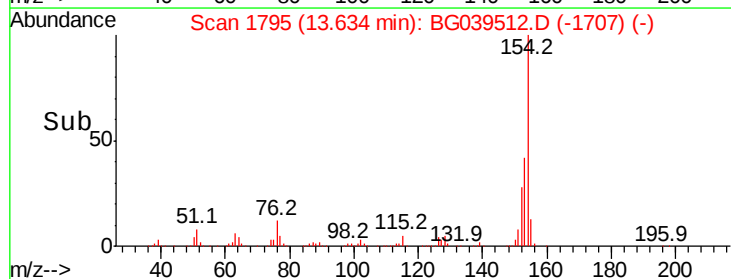
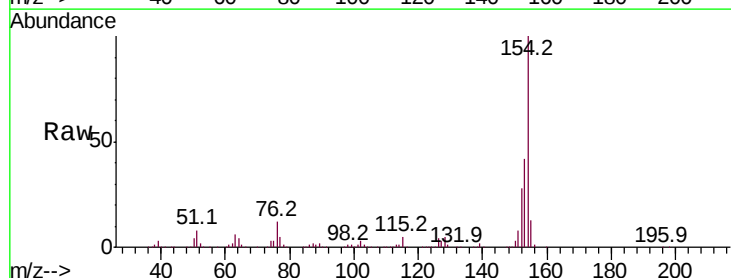
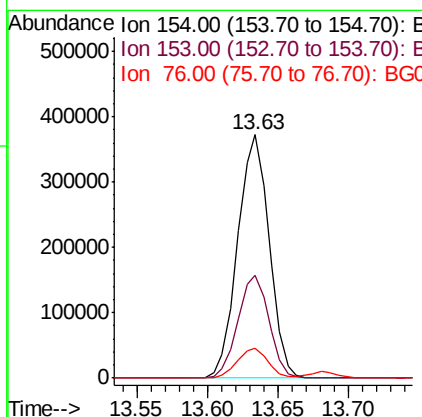
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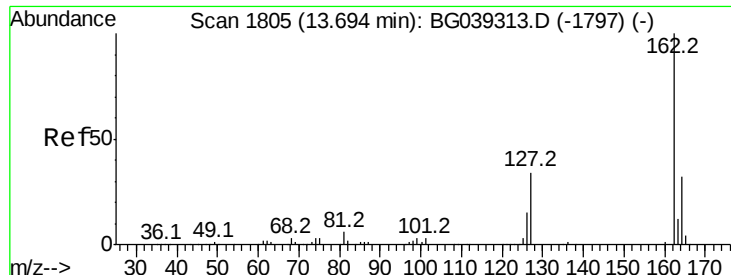
Sohil  
2/15/2019 9:44:34 AM



#46  
1,1'-Biphenyl  
Concen: 41.564 ng  
RT: 13.63 min Scan# 1795  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.0  | 22.1  | 62.1  |
| 76      | 12.2  | 0.0   | 32.4  |





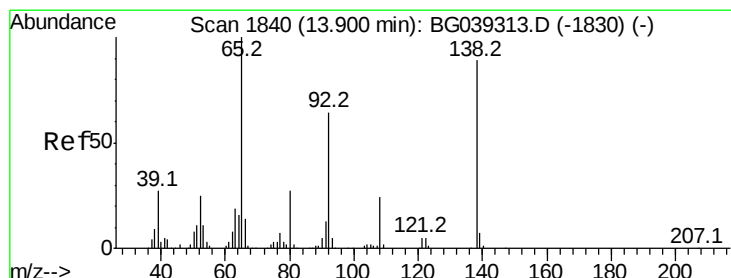
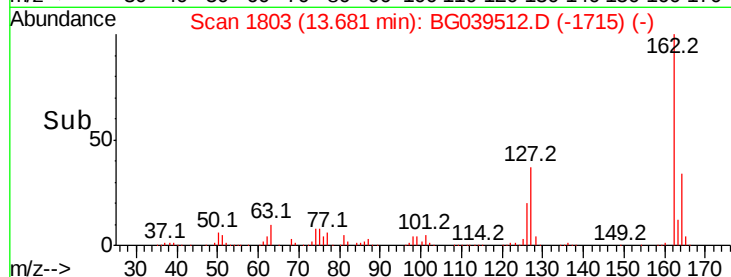
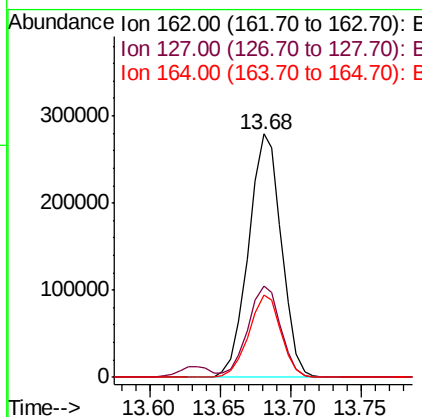
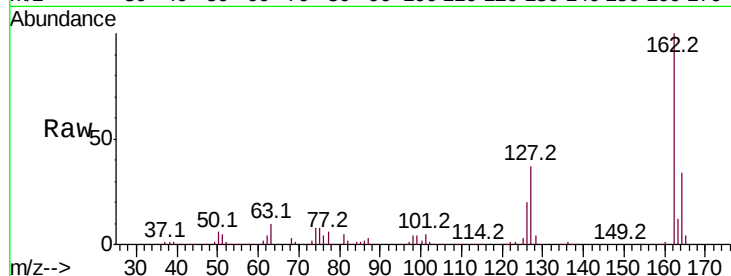
#47  
 2-Chloronaphthalene  
 Concen: 43.574 ng  
 RT: 13.68 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.4  | 31.0  | 46.6  |
| 164     | 33.6  | 25.7  | 38.5  |

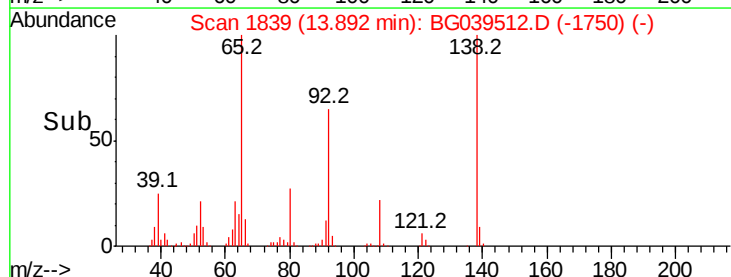
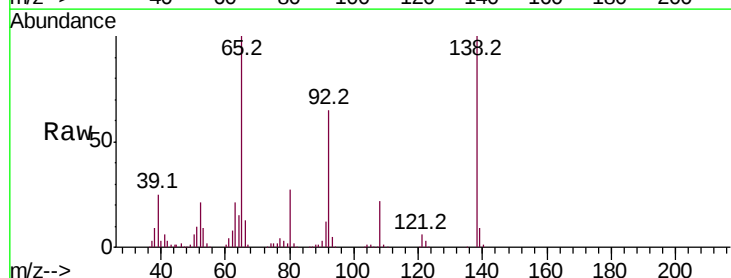
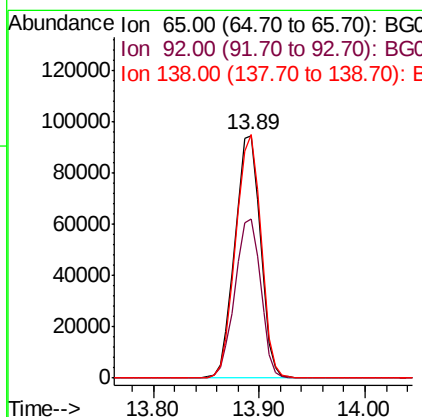
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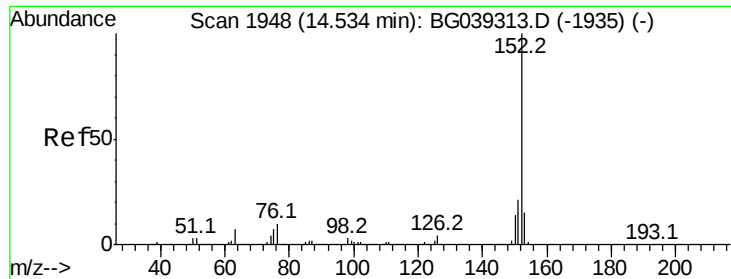
Sohil  
 2/15/2019 9:44:34 AM



#48  
 2-Nitroaniline  
 Concen: 51.827 ng  
 RT: 13.89 min Scan# 1839  
 Delta R.T. -0.01 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.5  | 51.4  | 77.2  |
| 138     | 100.4 | 71.4  | 107.2 |





#49

Acenaphthylene

Concen: 46.292 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

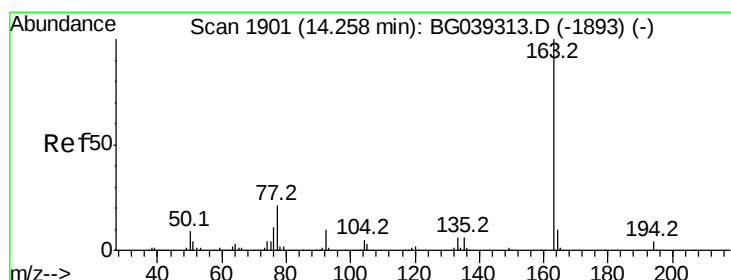
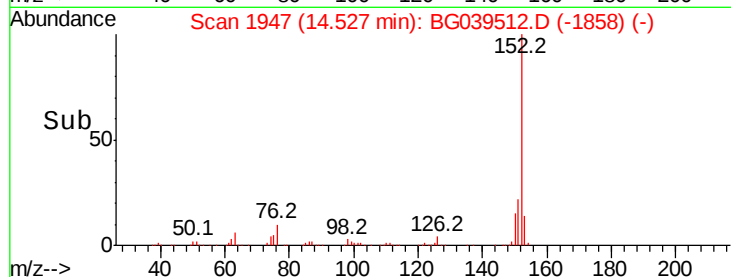
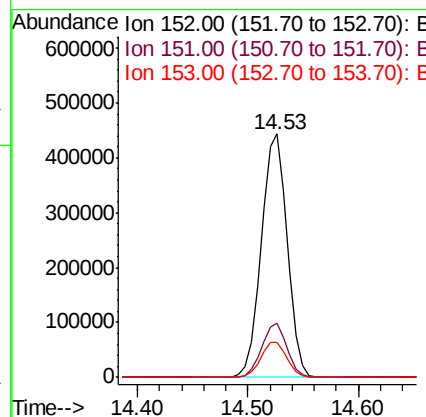
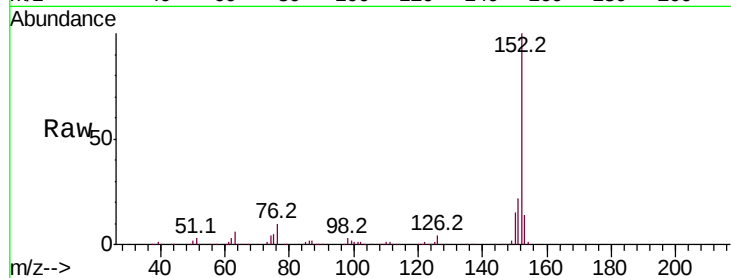
ClientSampleId :

OR-01-021319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 731123 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 22.3  | 16.8  | 25.2   |
| 153       | 14.4  | 11.7  | 17.5   |

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#50

Dimethylphthalate

Concen: 44.121 ng

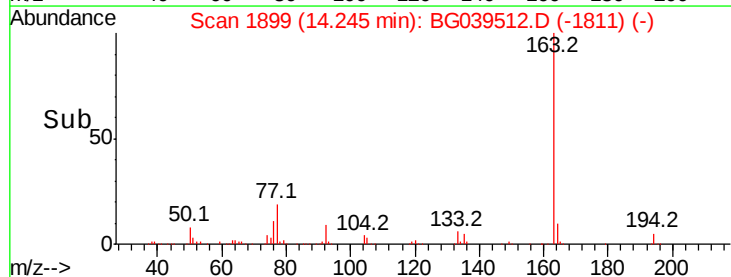
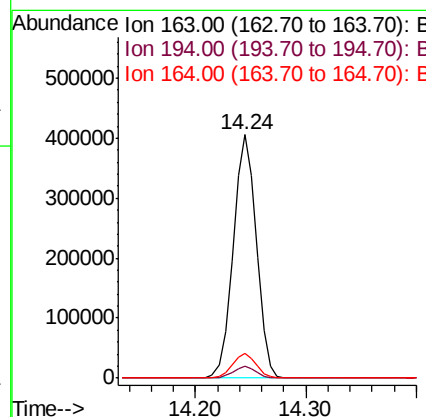
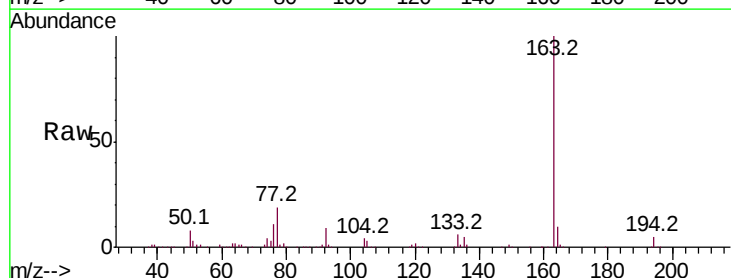
RT: 14.24 min Scan# 1899

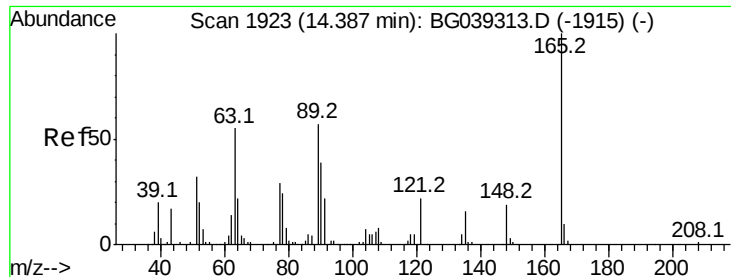
Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 595890 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.8   | 3.6   | 5.4    |
| 164       | 10.3  | 8.4   | 12.6   |





#51

2,6-Dinitrotoluene

Concen: 52.760 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

ClientSampleId :

OR-01-021319-AMS

Tot Ion:165 Resp: 135078

Ion Ratio Lower Upper

165 100

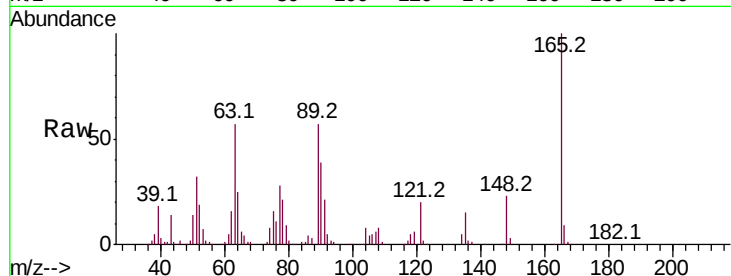
63 57.5 47.0 70.6

89 56.5 45.8 68.8

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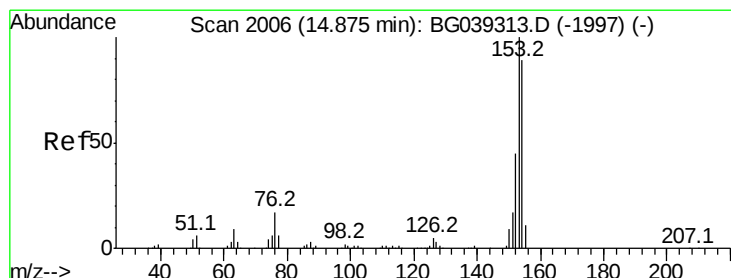
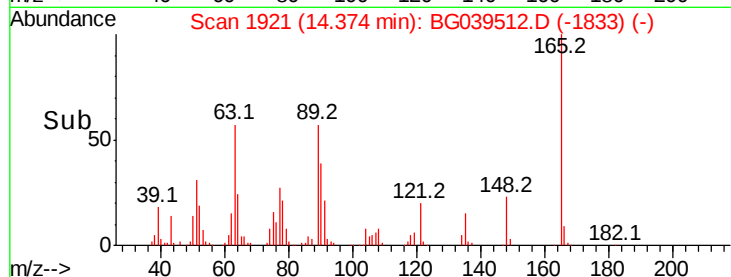
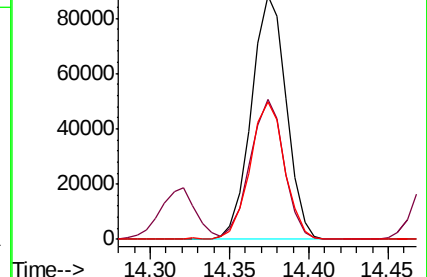
2/15/2019 9:44:34 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 44.017 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

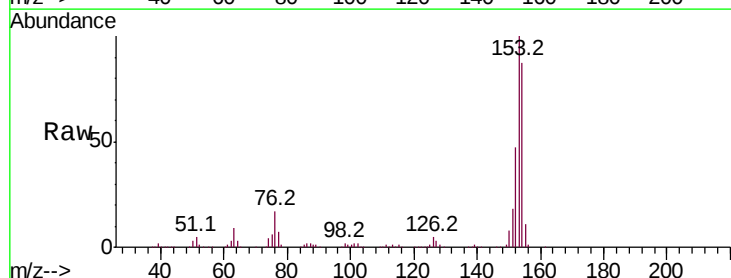
Tgt Ion:154 Resp: 451269

Ion Ratio Lower Upper

154 100

153 114.4 90.1 135.1

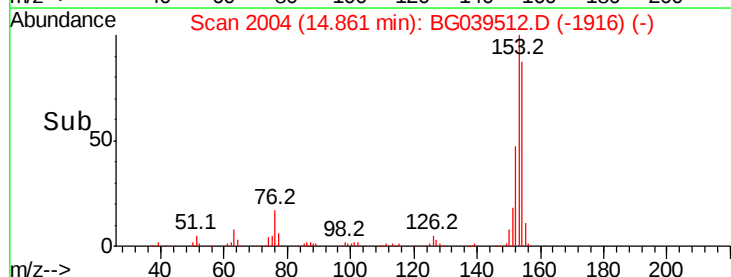
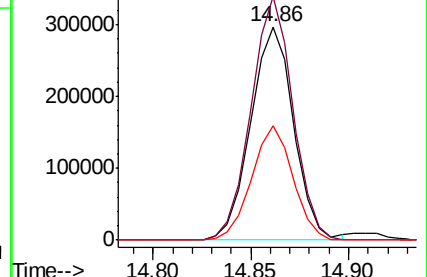
152 53.6 40.9 61.3

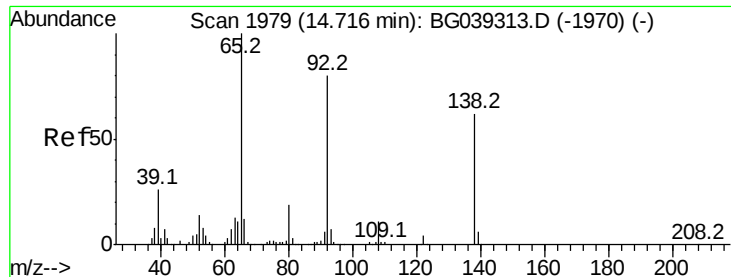


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





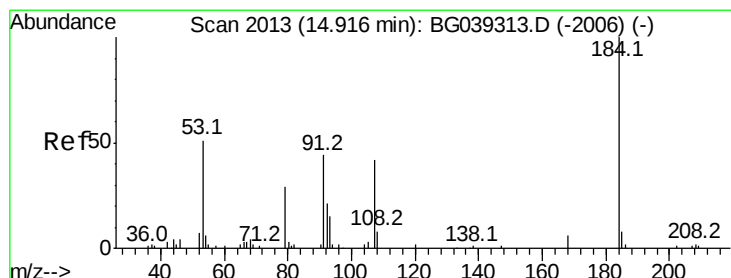
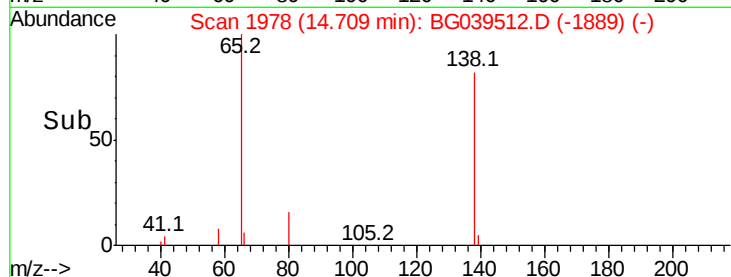
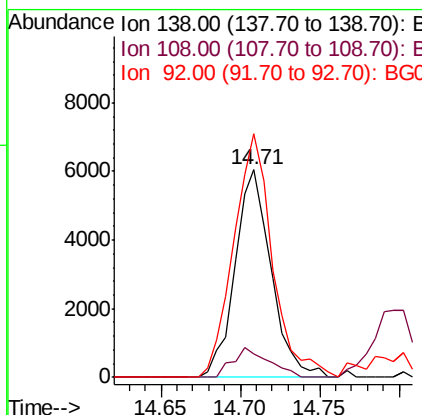
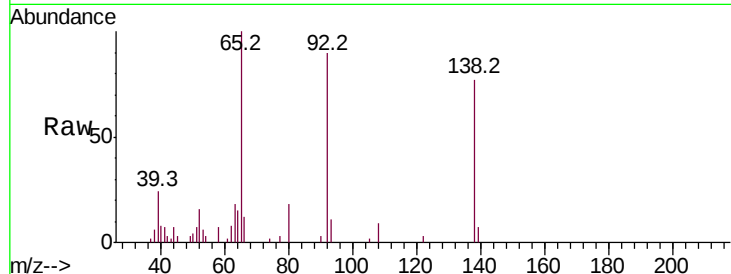
#53  
3-Nitroaniline  
Concen: 8.868 ng  
RT: 14.71 min Scan# 1978  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

Tot Ion:138 Resp: 9525  
Ion Ratio Lower Upper  
138 100  
108 11.5 13.8 20.8#  
92 117.4 103.7 155.5

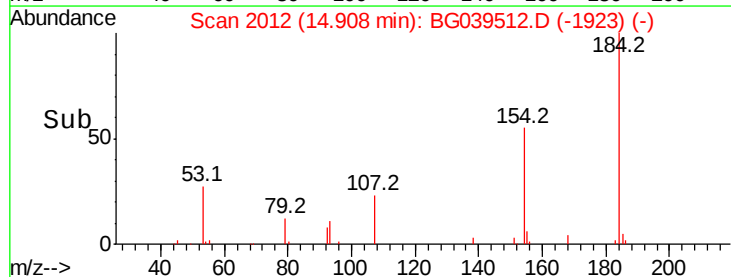
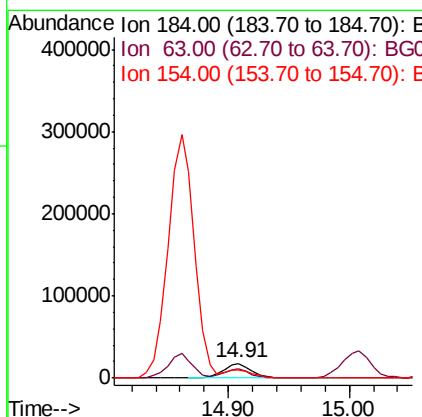
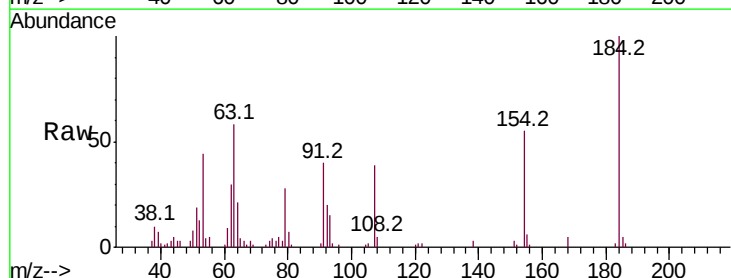
Manual Integrations  
APPROVED

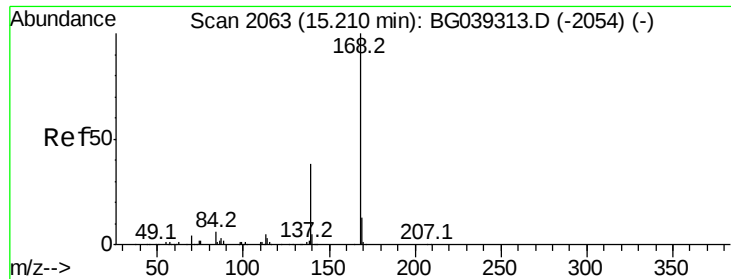
Sohil  
2/15/2019 9:44:34 AM



#54  
2,4-Dinitrophenol  
Concen: 37.284 ng  
RT: 14.91 min Scan# 2012  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Tgt Ion:184 Resp: 30420  
Ion Ratio Lower Upper  
184 100  
63 57.8 50.9 76.3  
154 55.0 53.0 79.6





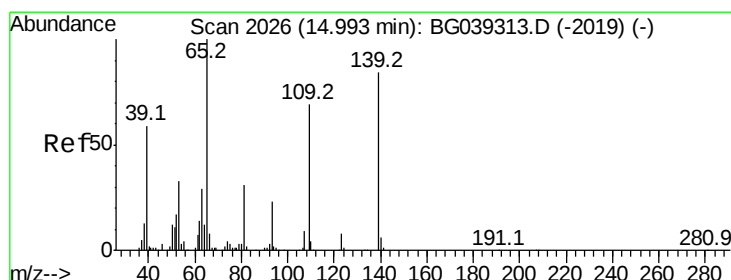
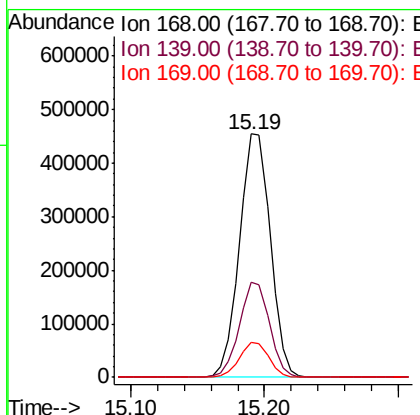
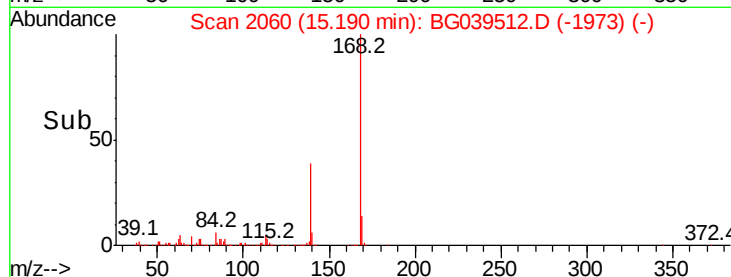
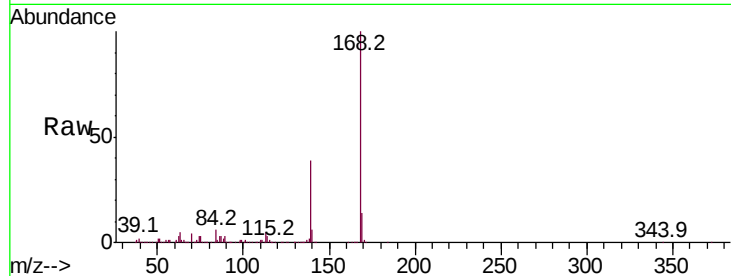
#55  
Dibenzenofuran  
Concen: 44.035 ng  
RT: 15.19 min Scan# 2060  
Delta R.T. -0.02 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.9  | 30.1  | 45.1  |
| 169     | 14.4  | 10.6  | 16.0  |

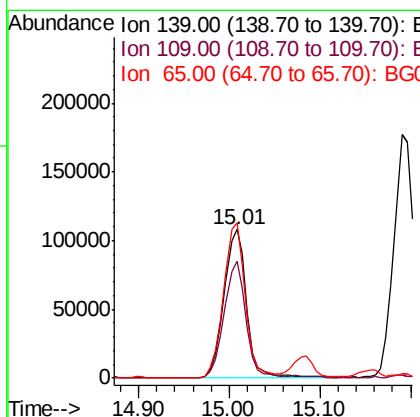
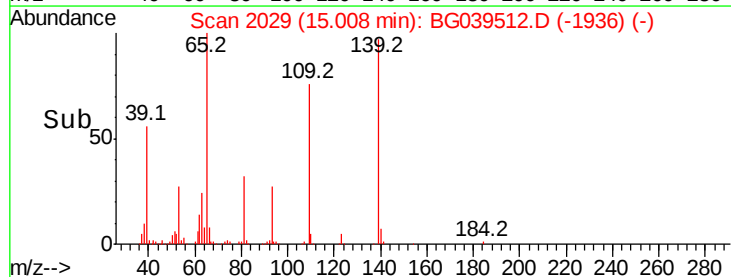
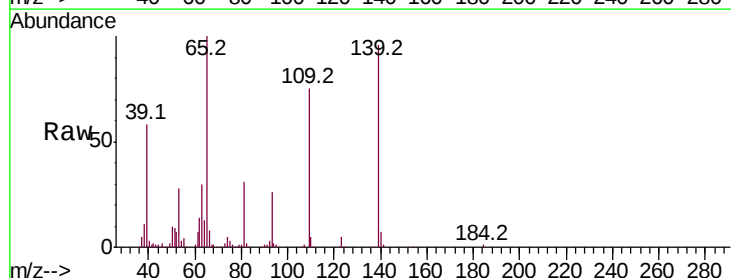
Manual Integrations  
APPROVED

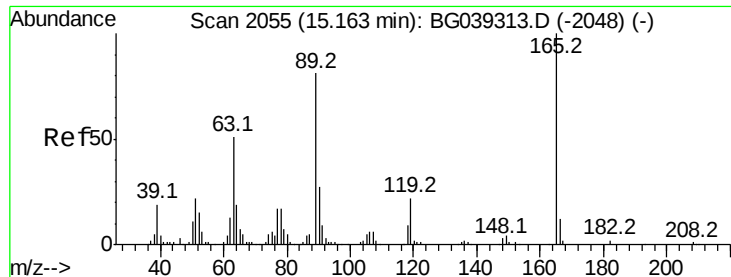
Sohil  
2/15/2019 9:44:34 AM



#56  
4-Nitrophenol  
Concen: 76.914 ng  
RT: 15.01 min Scan# 2029  
Delta R.T. 0.02 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 78.5  | 61.9  | 101.9 |
| 65      | 104.1 | 99.1  | 139.1 |





#57

2,4-Dinitrotoluene

Concen: 57.924 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

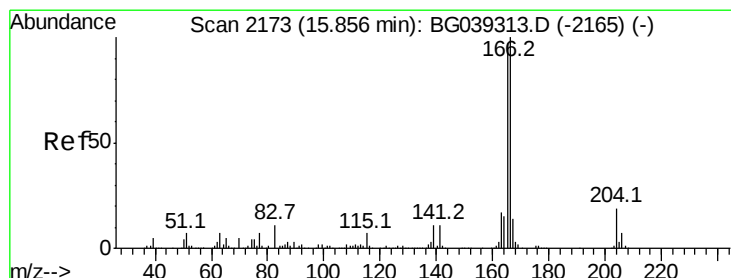
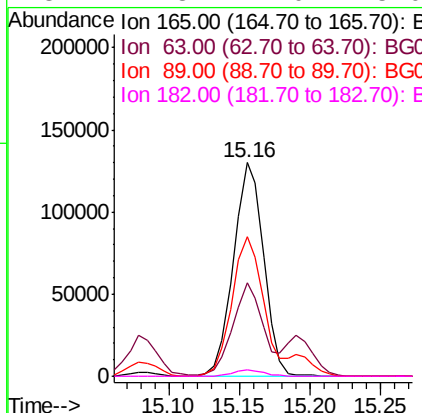
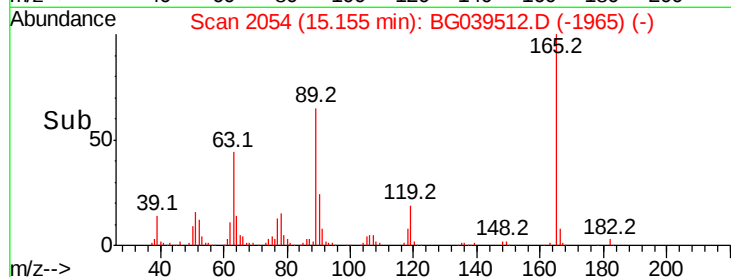
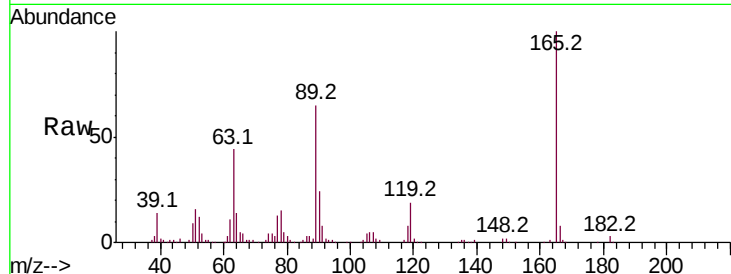
ClientSampleId :

OR-01-021319-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 44.0  | 41.0 | 61.6  |       |
| 89      | 65.2  | 64.6 | 96.8  |       |
| 182     | 2.8   | 2.0  | 3.0   |       |

Manual Integrations  
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#58

Fluorene

Concen: 46.538 ng

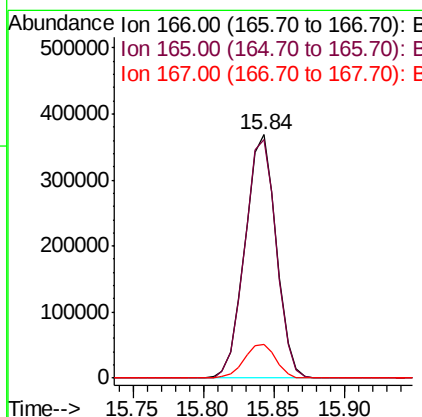
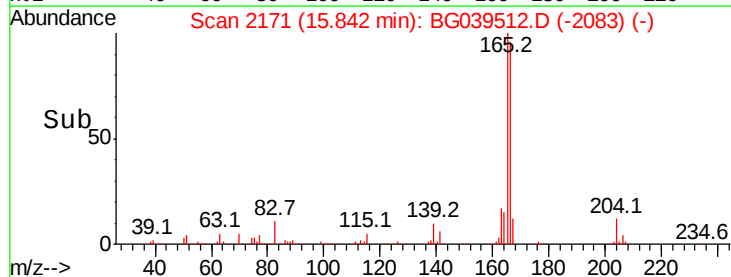
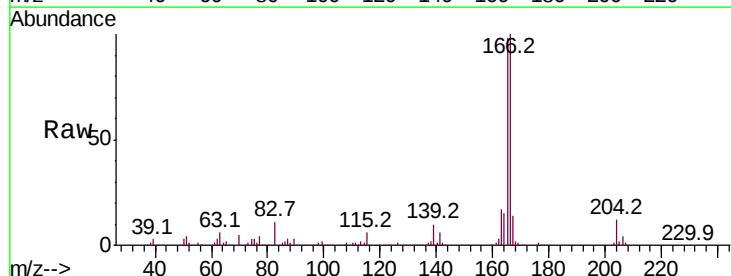
RT: 15.84 min Scan# 2171

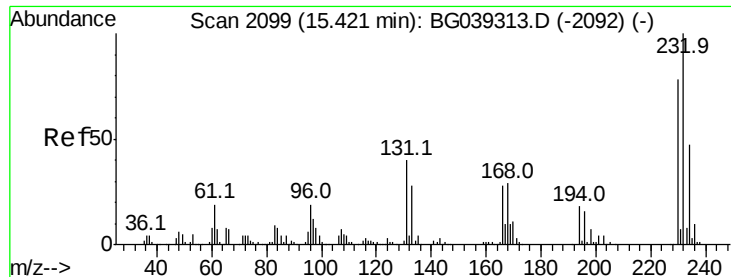
Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 98.0  | 77.9 | 116.9 |       |
| 167     | 14.0  | 10.8 | 16.2  |       |





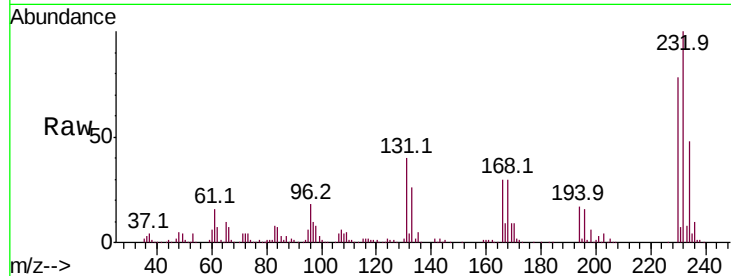
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 53.933 ng  
 RT: 15.41 min Scan# 2098  
 Delta R.T. -0.01 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-01-021319-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 173144 |       |       |
| 131     | 41.7  | 34.9   | 52.3  |       |
| 130     | 2.6   | 2.0    | 3.0   |       |
| 166     | 29.8  | 24.1   | 36.1  |       |

Manual Integrations  
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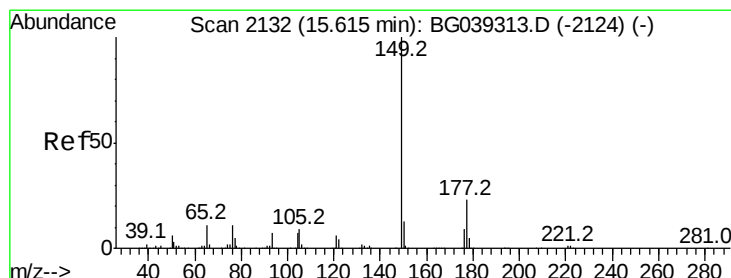
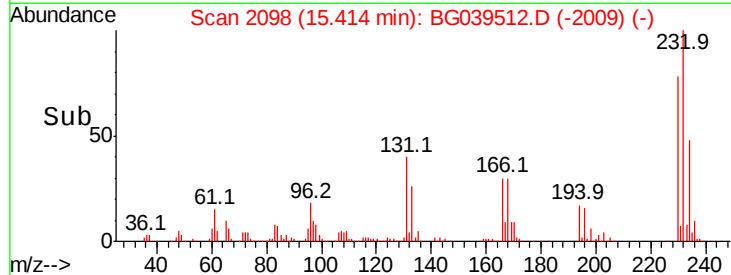
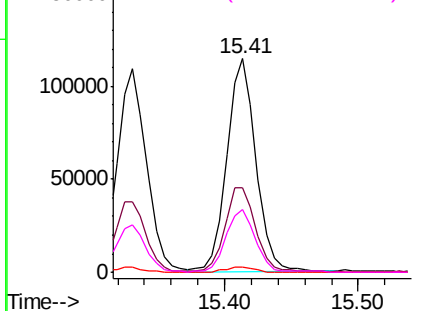
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

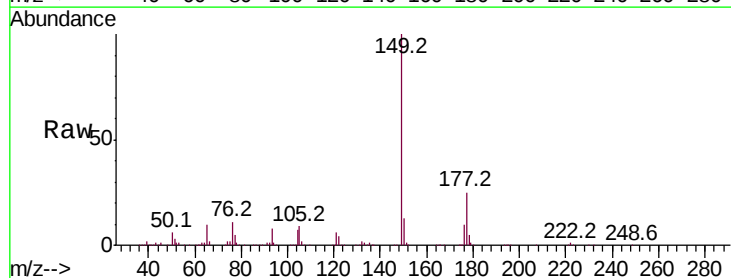
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 43.134 ng  
 RT: 15.60 min Scan# 2129  
 Delta R.T. -0.02 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 602325 |       |       |
| 177     | 25.0  | 18.3   | 27.5  |       |
| 150     | 13.4  | 10.2   | 15.2  |       |

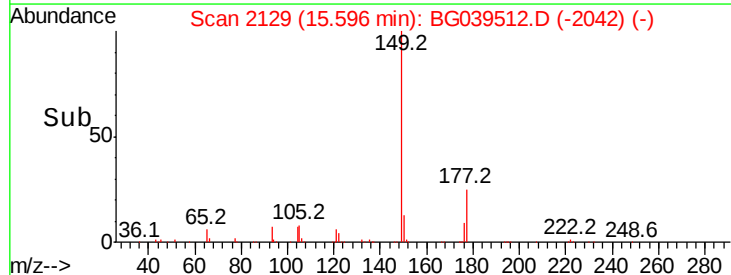
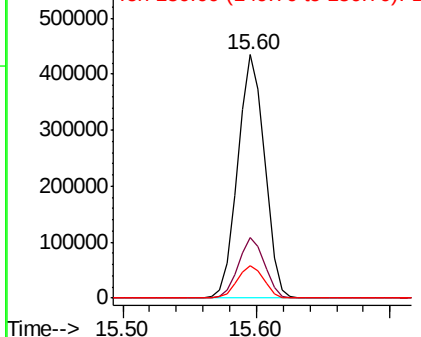


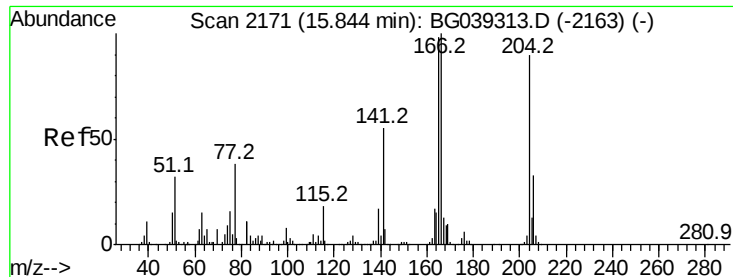
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





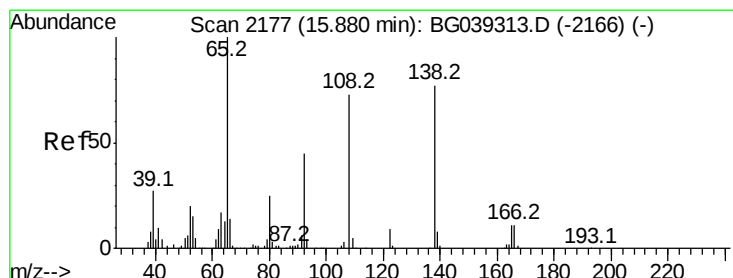
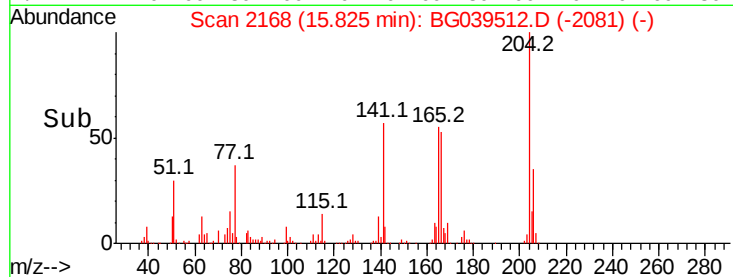
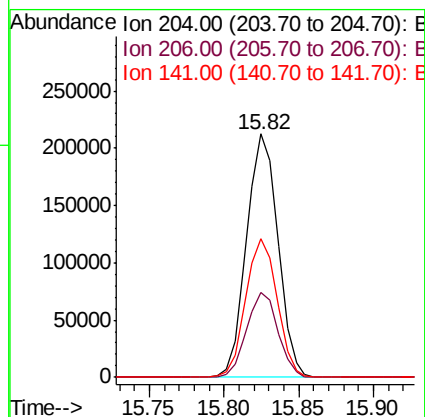
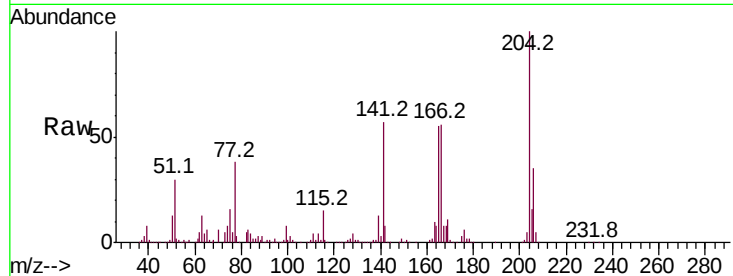
#61  
4-Chlorophenyl-phenylether  
Concen: 44.435 ng  
RT: 15.82 min Scan# 2168  
Delta R.T. -0.02 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.6  | 29.2  | 43.8  |
| 141     | 57.1  | 49.0  | 73.4  |

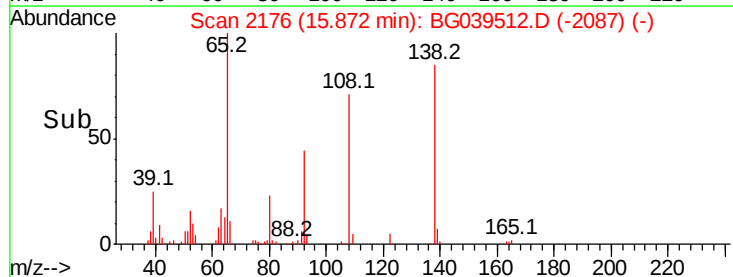
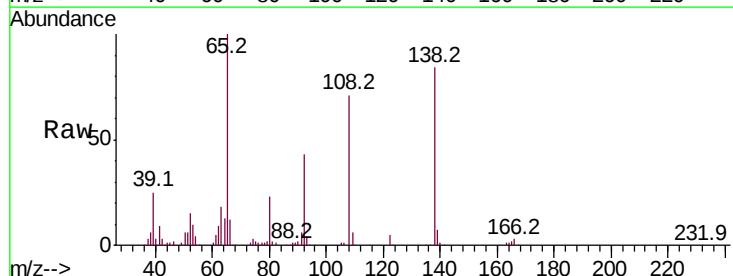
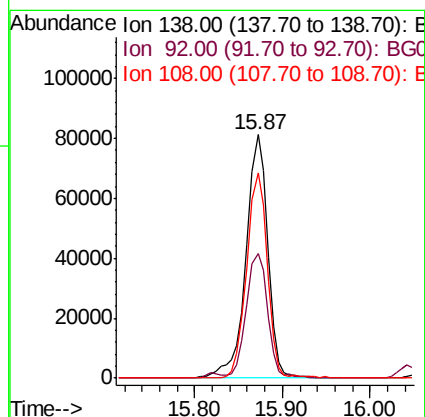
Manual Integrations  
APPROVED

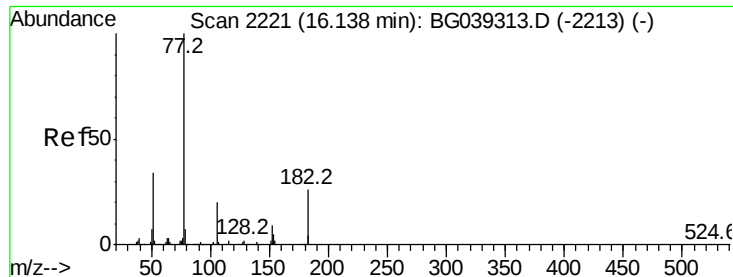
Sohil  
2/15/2019 9:44:34 AM



#62  
4-Nitroaniline  
Concen: 47.916 ng  
RT: 15.87 min Scan# 2176  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.1  | 38.7  | 78.7  |
| 108     | 84.0  | 74.6  | 114.6 |





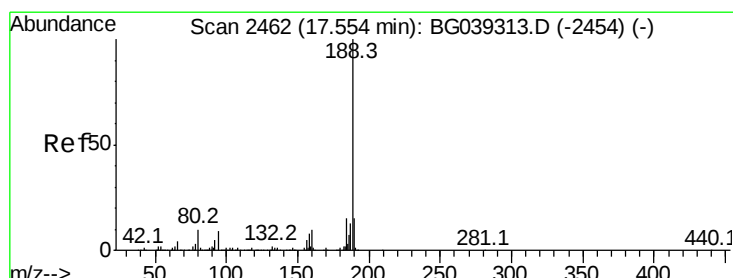
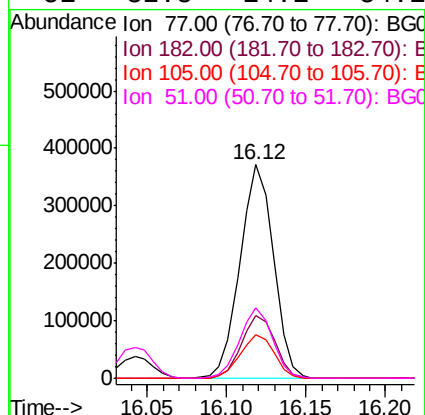
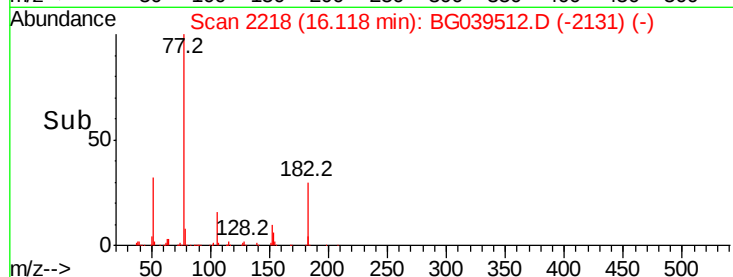
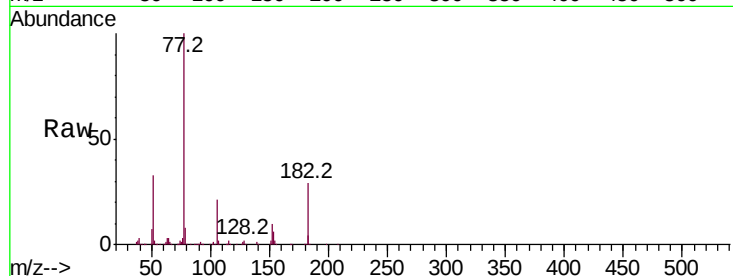
#63  
Azobenzene  
Concen: 39.860 ng  
RT: 16.12 min Scan# 2218  
Delta R.T. -0.02 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 77      | 100  |       |      |       |       |
| 182     | 29.1 | 6.4   | 46.4 |       |       |
| 105     | 20.6 | 0.0   | 39.8 |       |       |
| 51      | 32.8 | 14.1  | 54.1 |       |       |

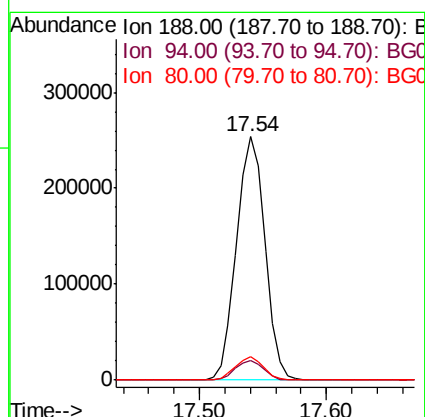
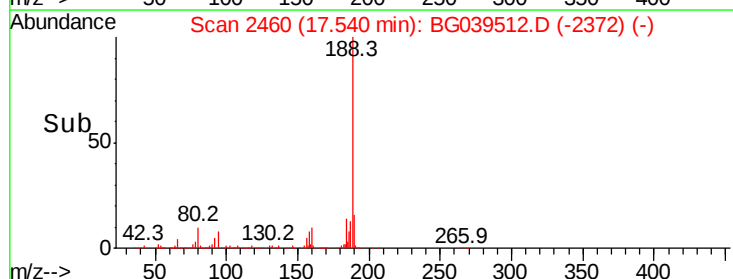
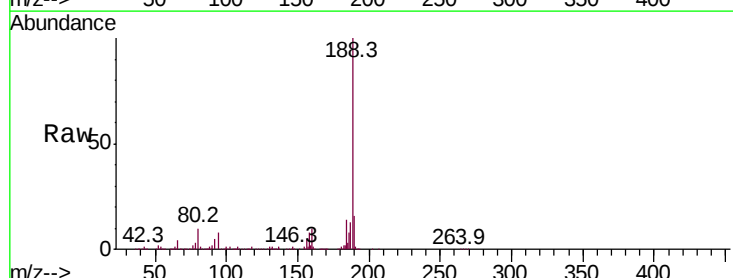
Manual Integrations  
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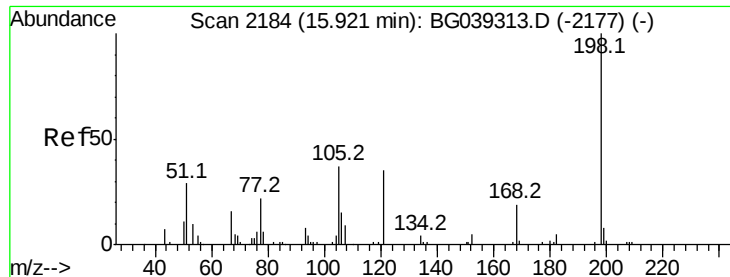
Sohil  
2/15/2019 9:44:34 AM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.54 min Scan# 2460  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 188     | 100 |       |      |       |       |
| 94      | 8.0 | 6.9   | 10.3 |       |       |
| 80      | 9.8 | 8.1   | 12.1 |       |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 31.107 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

ClientSampleId :

OR-01-021319-AMS

Tot Ion:198 Resp: 40606

Ion Ratio Lower Upper

198 100

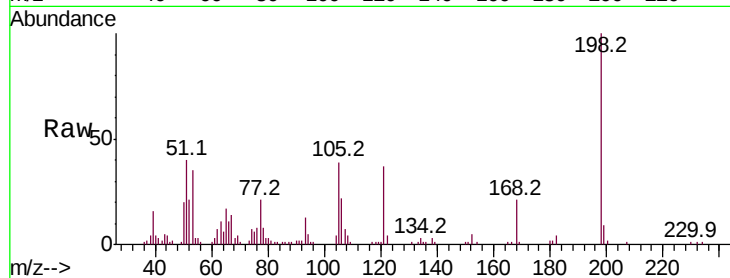
51 40.1 27.4 67.4

105 39.4 19.7 59.7

Manual Integrations  
APPROVED

Sohil

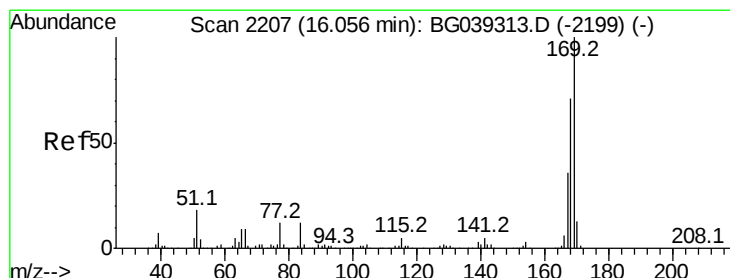
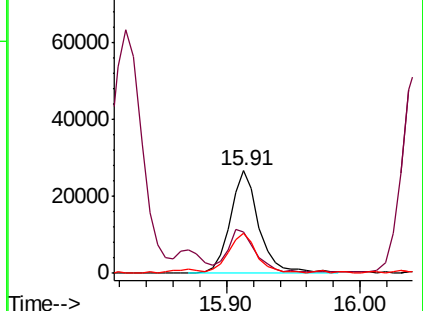
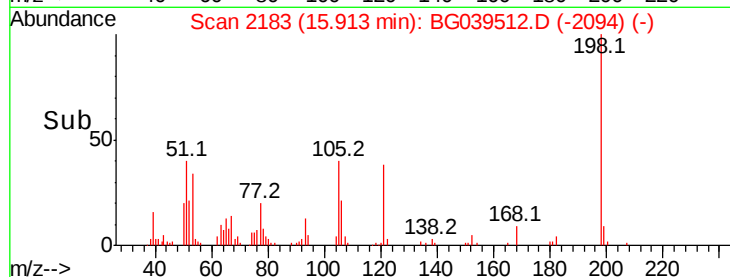
2/15/2019 9:44:34 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.126 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

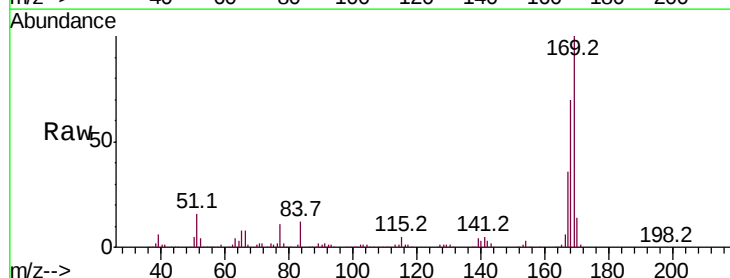
Tgt Ion:169 Resp: 527167

Ion Ratio Lower Upper

169 100

168 70.1 56.6 85.0

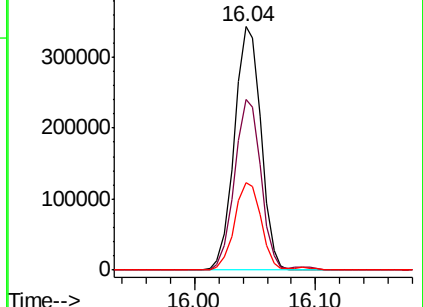
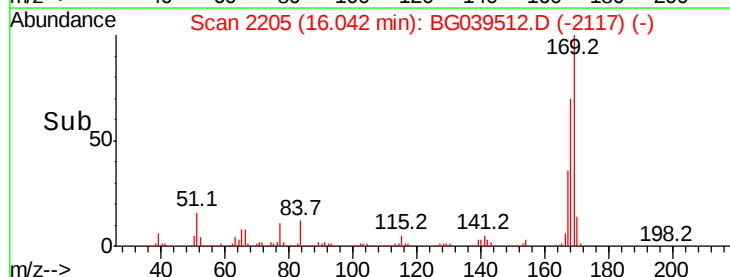
167 35.9 28.8 43.2

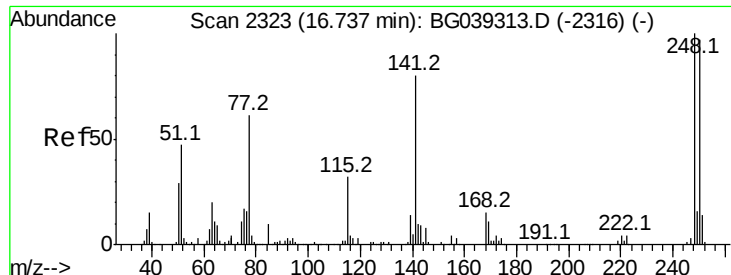


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





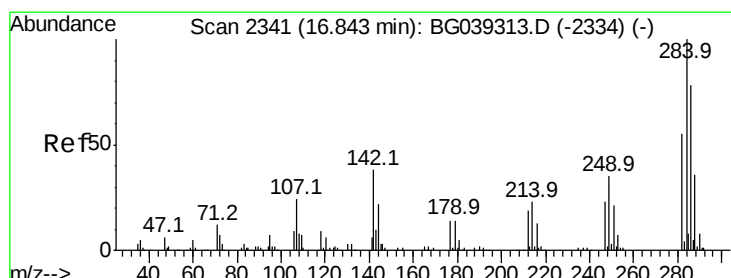
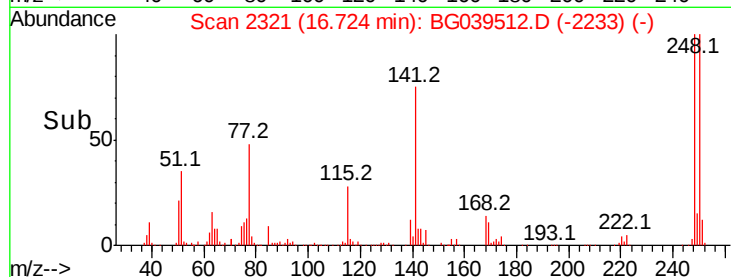
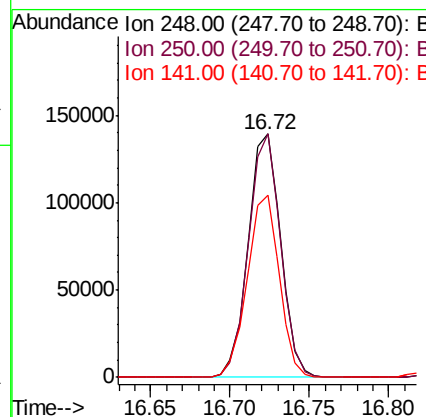
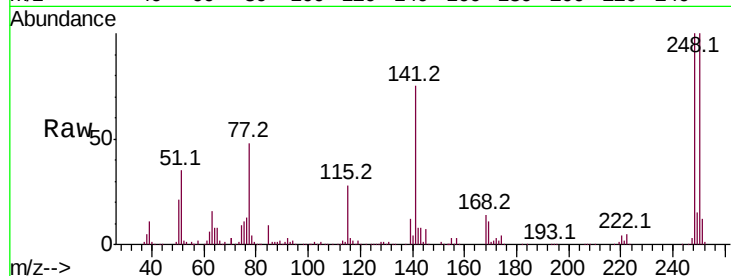
#67  
 4-Bromophenyl-phenylether  
 Concen: 45.616 ng  
 RT: 16.72 min Scan# 2321  
 Delta R.T. -0.01 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 100.1 | 77.6  | 116.4 |
| 141     | 74.7  | 63.9  | 95.9  |

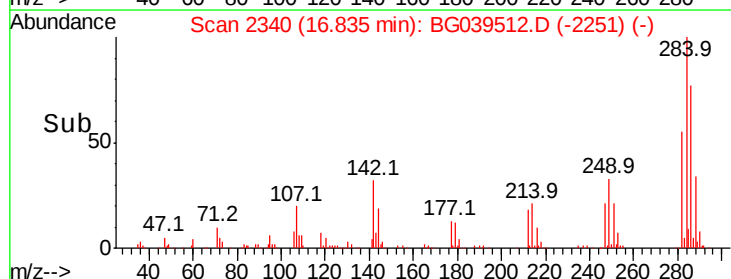
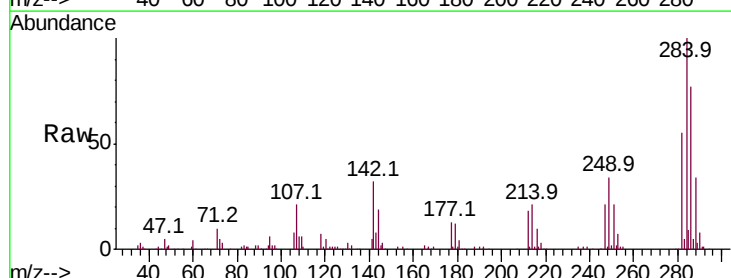
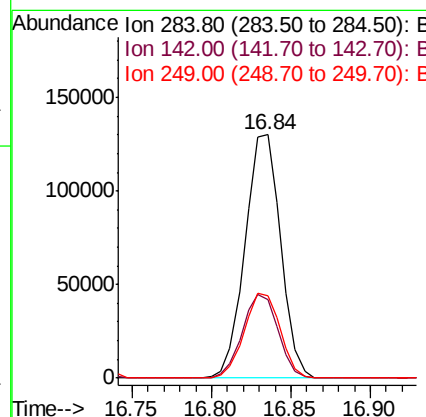
Manual Integrations  
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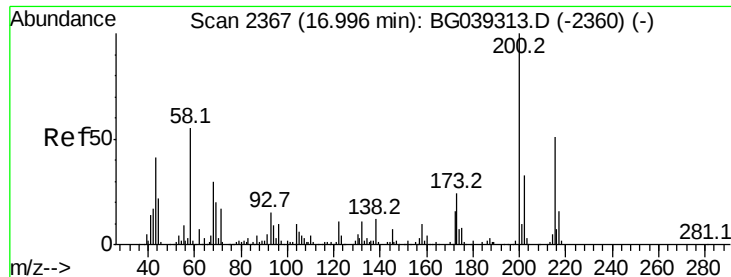
Sohil  
 2/15/2019 9:44:34 AM



#68  
 Hexachlorobenzene  
 Concen: 46.301 ng  
 RT: 16.84 min Scan# 2340  
 Delta R.T. -0.01 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.0  | 30.6  | 45.8  |
| 249     | 33.6  | 28.2  | 42.2  |





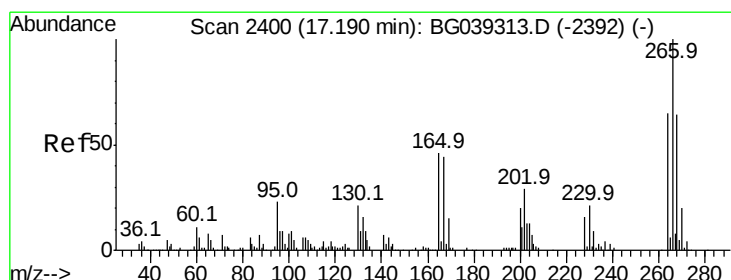
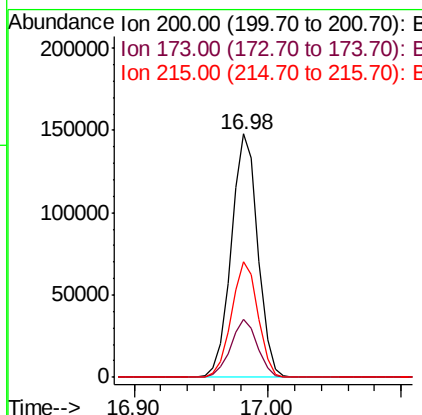
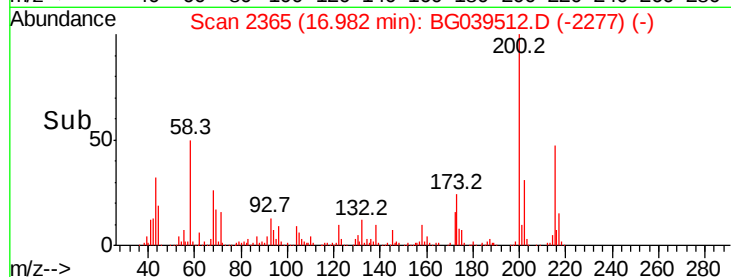
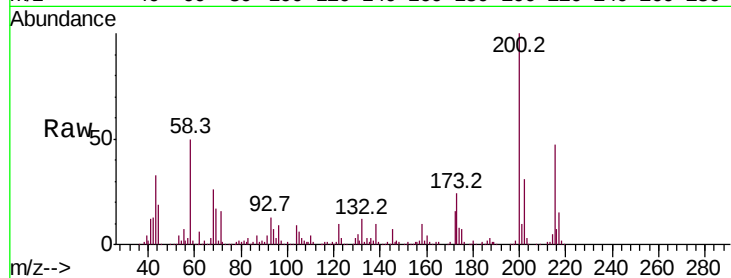
#69  
Atrazine  
Concen: 46.785 ng  
RT: 16.98 min Scan# 2365  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 23.9  | 3.9        | 43.9  |
| 215     | 47.4  | 30.9       | 70.9  |

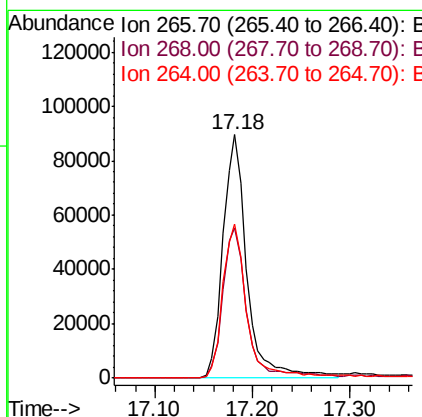
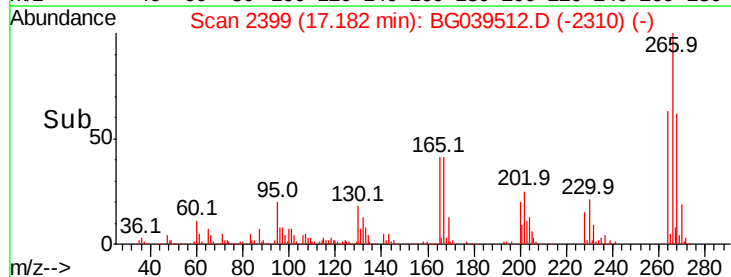
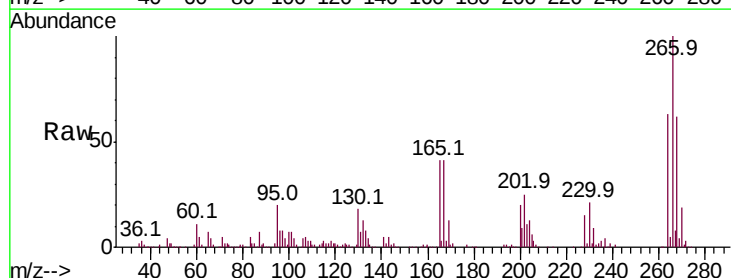
Manual Integrations  
APPROVED

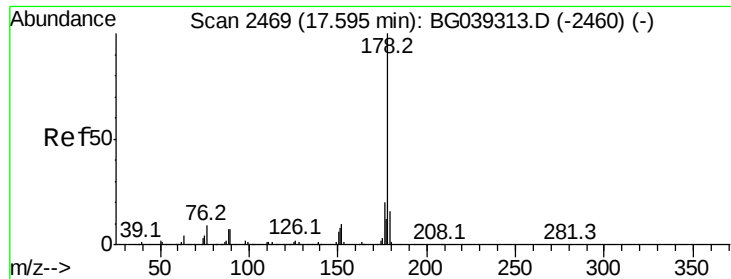
Sohil  
2/15/2019 9:44:34 AM



#70  
Pentachlorophenol  
Concen: 50.353 ng  
RT: 17.18 min Scan# 2399  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 61.6  | 51.1       | 76.7  |
| 264     | 63.2  | 52.1       | 78.1  |





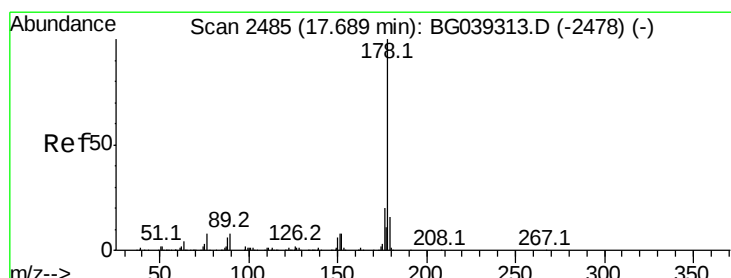
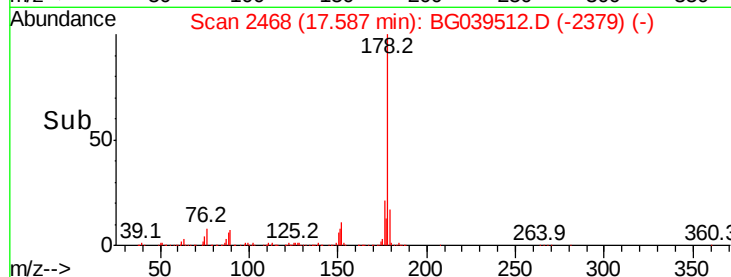
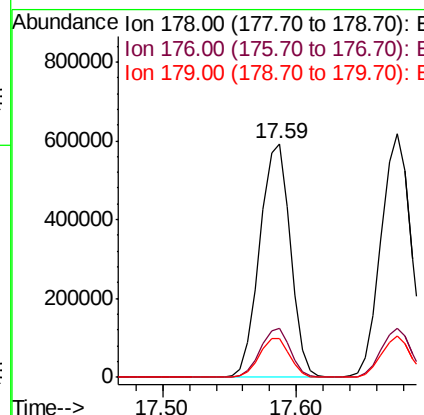
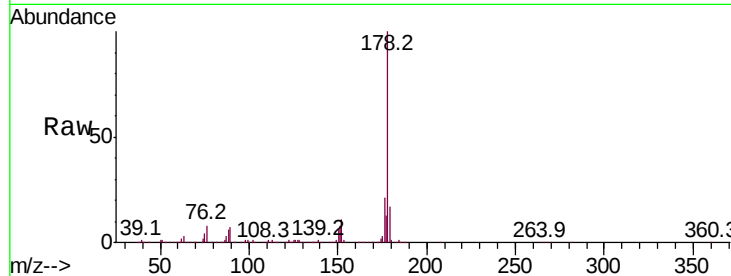
#71  
Phenanthrene  
Concen: 46.061 ng  
RT: 17.59 min Scan# 2468  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.9  | 16.2  | 24.4  |
| 179     | 16.8  | 12.6  | 19.0  |

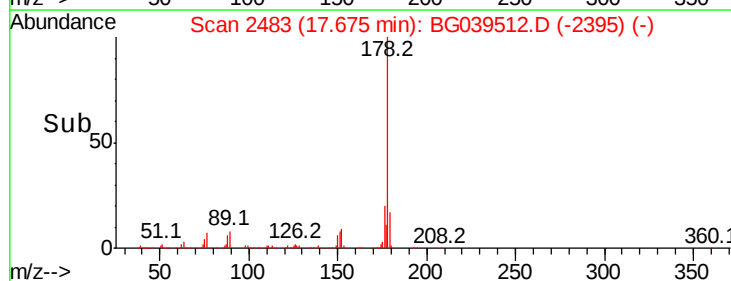
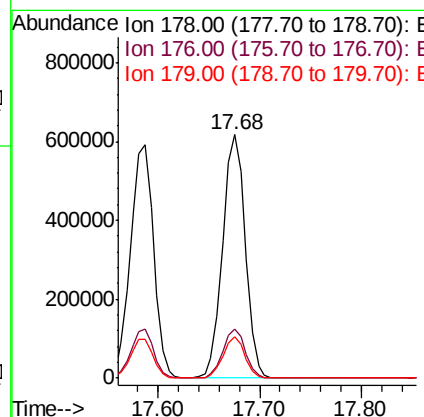
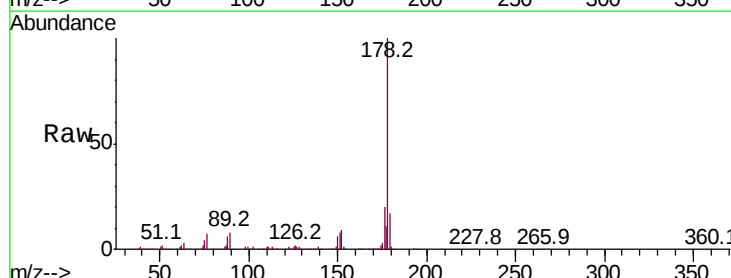
Manual Integrations  
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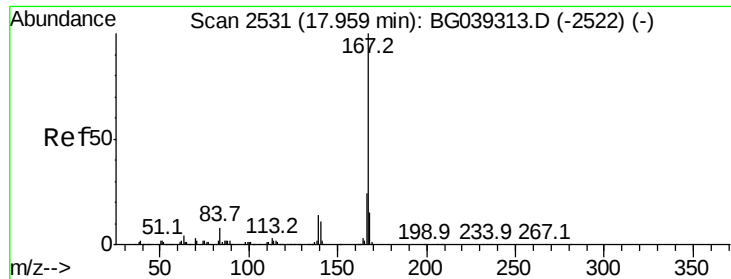
Sohil  
2/15/2019 9:44:34 AM



#72  
Anthracene  
Concen: 47.793 ng  
RT: 17.68 min Scan# 2483  
Delta R.T. -0.01 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.4  | 15.8  | 23.6  |
| 179     | 16.9  | 12.5  | 18.7  |





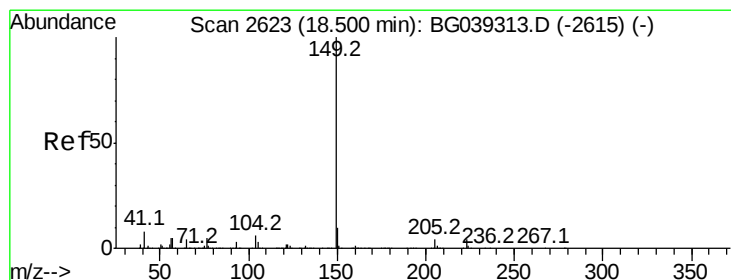
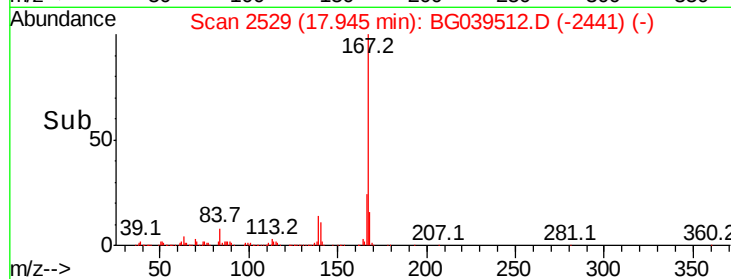
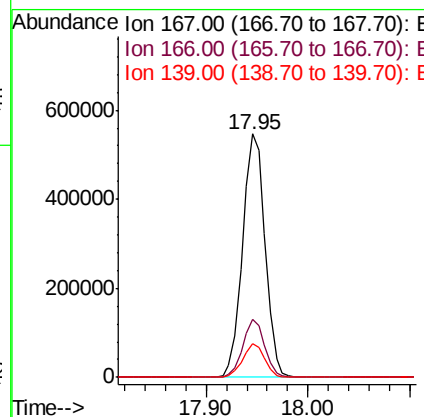
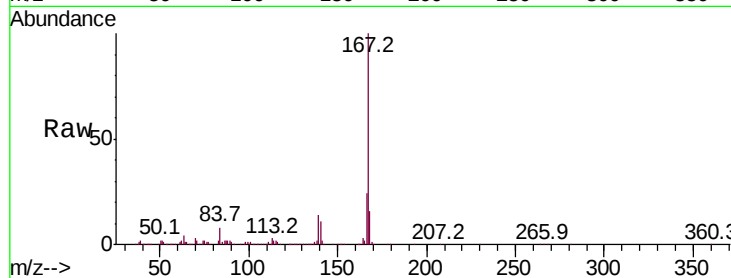
#73  
 Carbazole  
 Concen: 41.987 ng  
 RT: 17.95 min Scan# 2529  
 Delta R.T. -0.01 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-01-021319-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 167     | 100   |      |       |       |
| 166     | 23.8  | 19.4 | 29.2  |       |
| 139     | 14.0  | 10.8 | 16.2  |       |

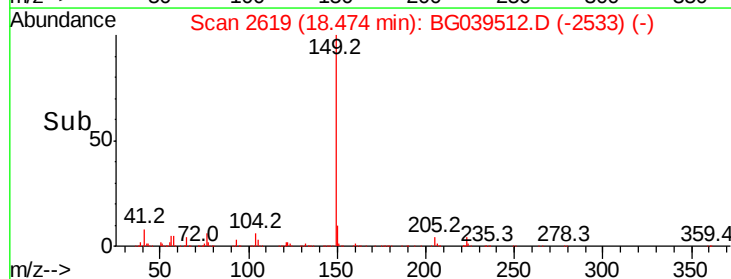
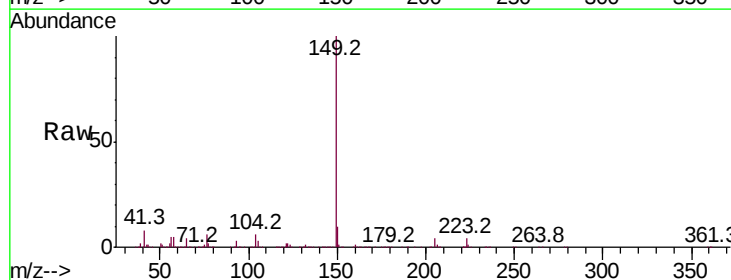
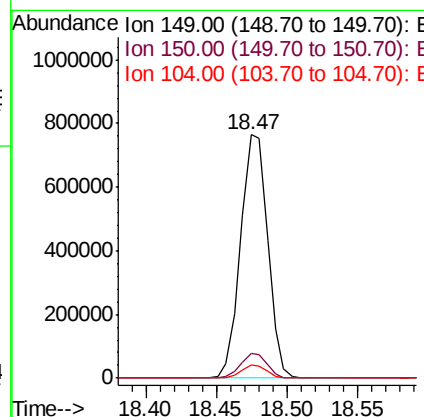
Manual Integrations  
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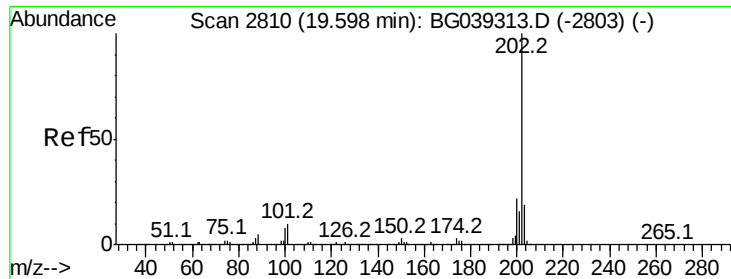
Sohil  
 2/15/2019 9:44:34 AM



#74  
 Di-n-butylphthalate  
 Concen: 44.009 ng  
 RT: 18.47 min Scan# 2619  
 Delta R.T. -0.03 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 150     | 10.1  | 7.7  | 11.5  |       |
| 104     | 5.6   | 4.5  | 6.7   |       |





#75

Fluoranthene

Concen: 46.864 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

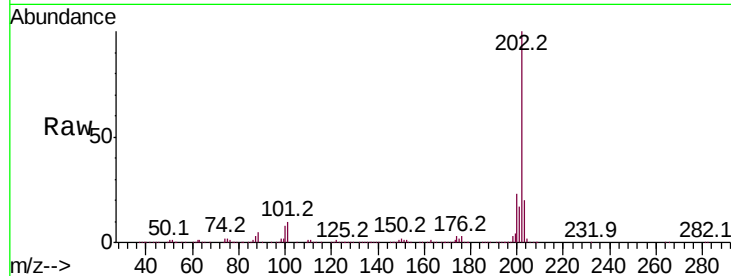
ClientSampleId :

OR-01-021319-AMS

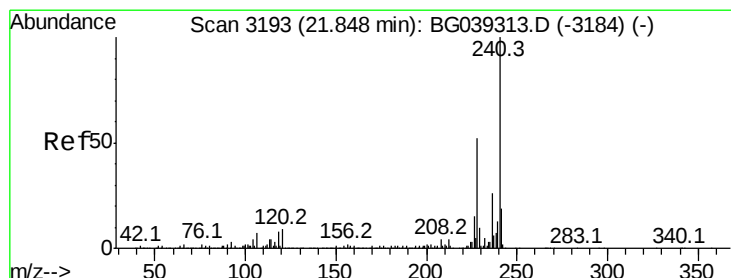
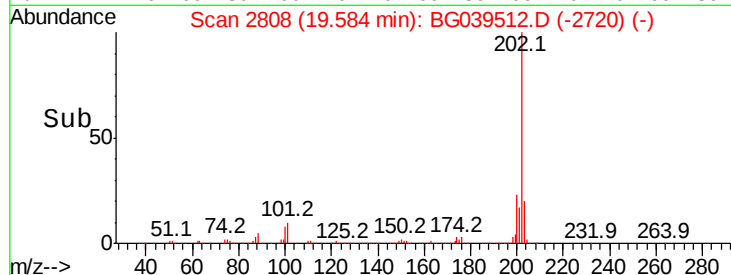
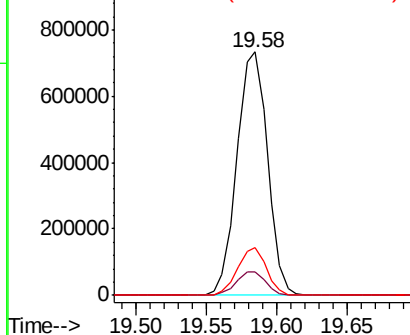
|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1106144 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 9.6   | 0.0   | 30.0    |
| 203       | 19.6  | 0.0   | 38.9    |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

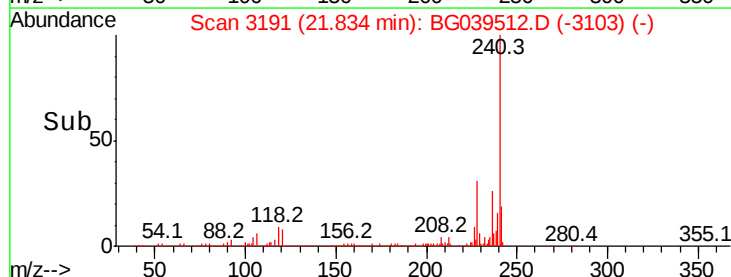
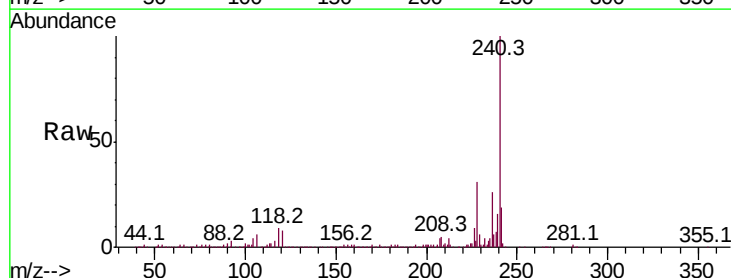
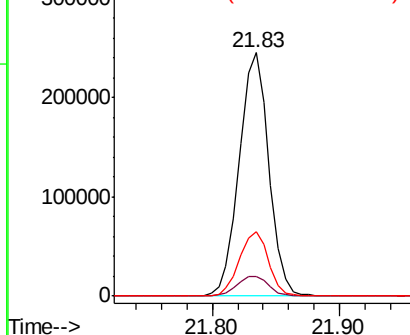
Delta R.T. -0.01 min

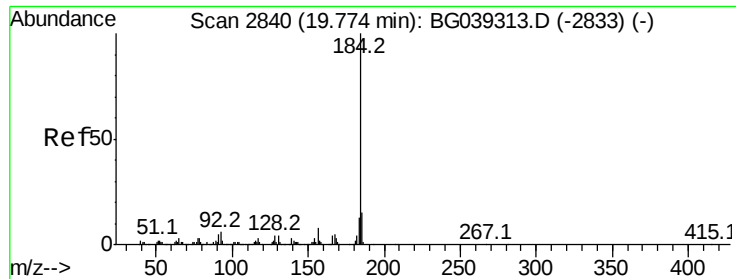
Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 397008 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 7.9   | 7.0   | 10.6   |
| 236       | 26.3  | 21.0  | 31.4   |

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





#77

Benzidine

Concen: 10.745 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

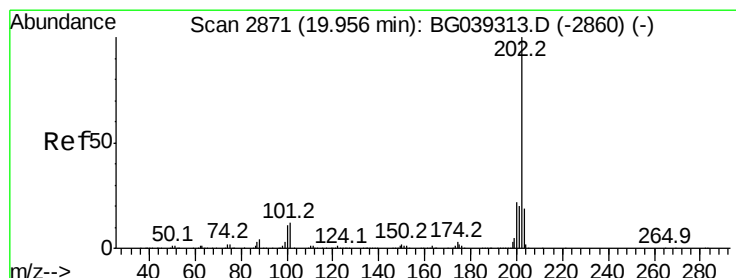
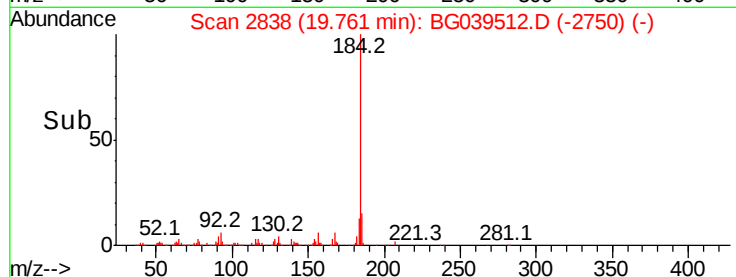
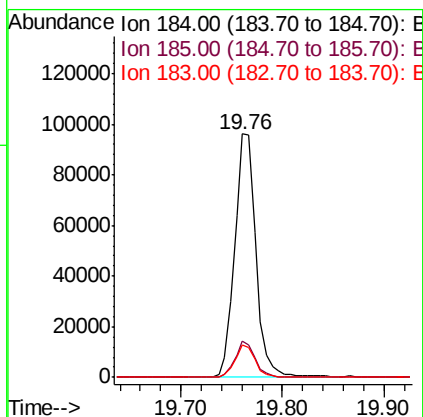
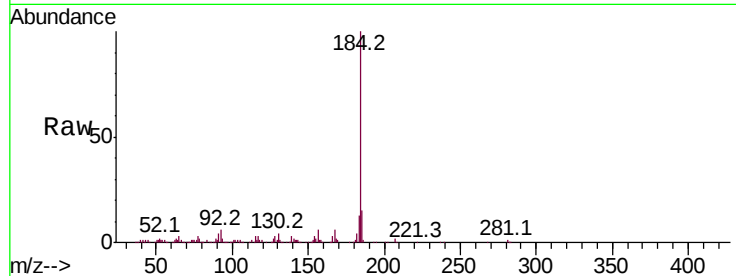
ClientSampleId :

OR-01-021319-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 139857 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.7  | 12.2  | 18.2   |
| 183       | 13.1  | 10.6  | 15.8   |

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#78

Pyrene

Concen: 45.154 ng

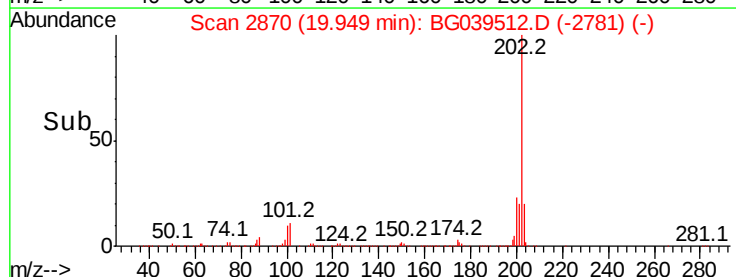
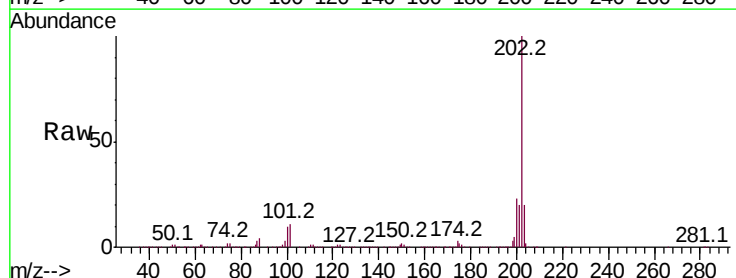
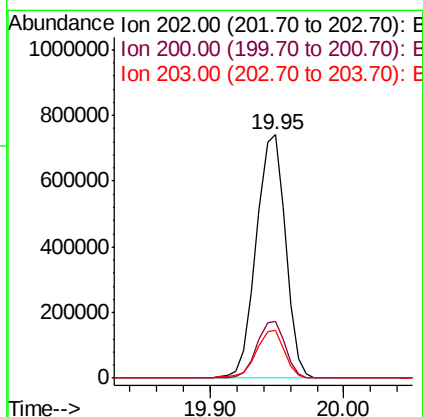
RT: 19.95 min Scan# 2870

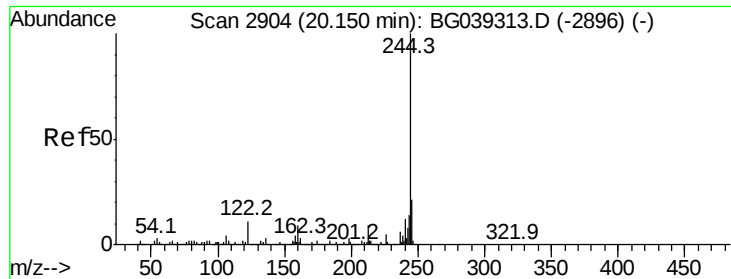
Delta R.T. -0.01 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1115975 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 23.4  | 17.8  | 26.8    |
| 203       | 19.5  | 15.3  | 22.9    |





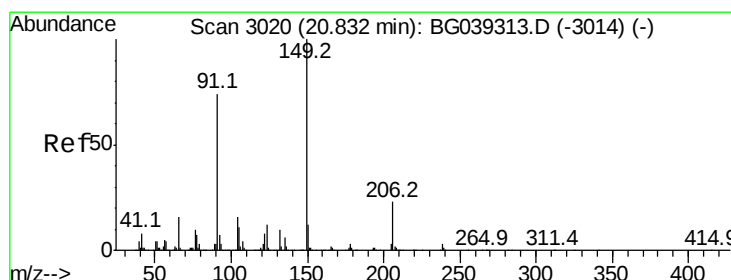
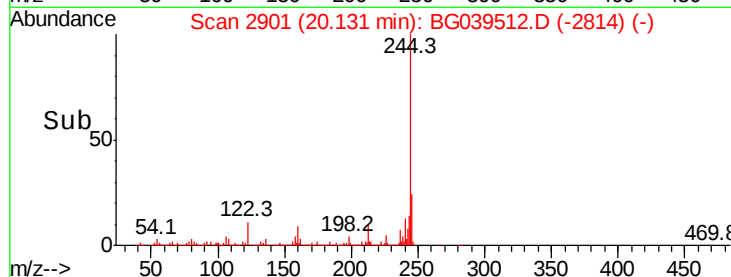
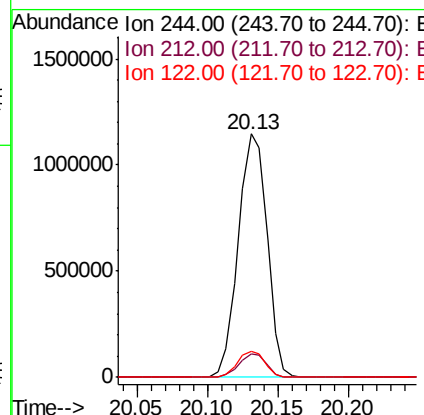
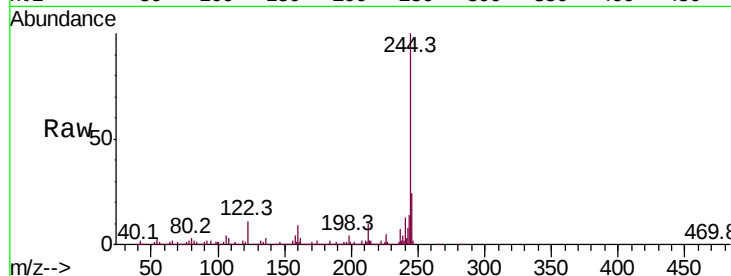
#79  
 Terphenyl-d14  
 Concen: 87.087 ng  
 RT: 20.13 min Scan# 2901  
 Delta R.T. -0.02 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-01-021319-AMS

Tot Ion:244 Resp: 1633403  
 Ion Ratio Lower Upper  
 244 100  
 212 9.8 7.3 10.9  
 122 10.7 8.4 12.6

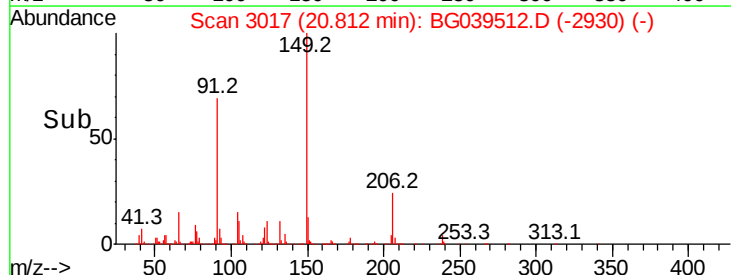
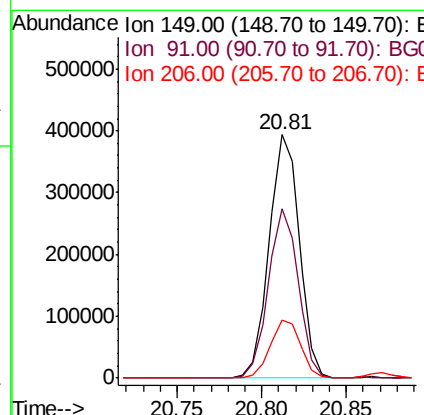
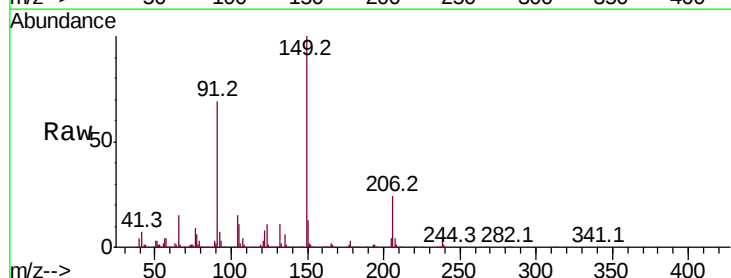
Manual Integrations  
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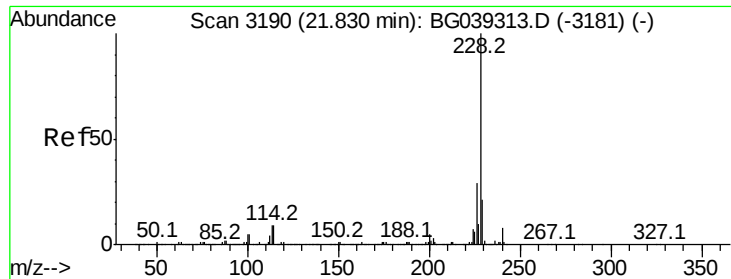
Sohil  
 2/15/2019 9:44:34 AM



#80  
 Butylbenzylphthalate  
 Concen: 46.770 ng  
 RT: 20.81 min Scan# 3017  
 Delta R.T. -0.02 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

Tgt Ion:149 Resp: 487607  
 Ion Ratio Lower Upper  
 149 100  
 91 69.4 59.5 89.3  
 206 23.9 18.6 27.8





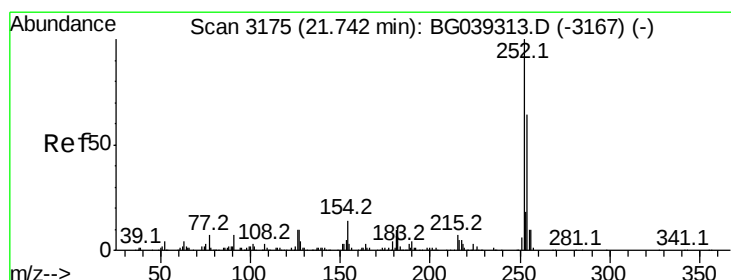
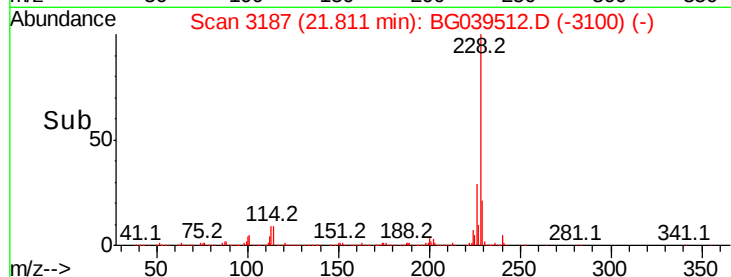
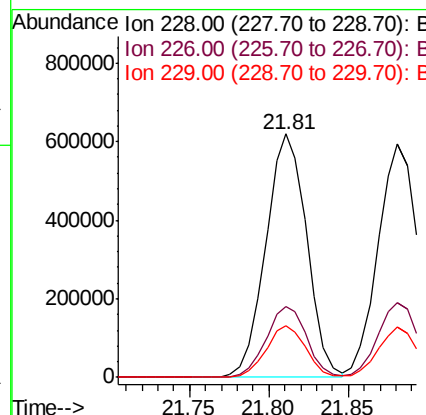
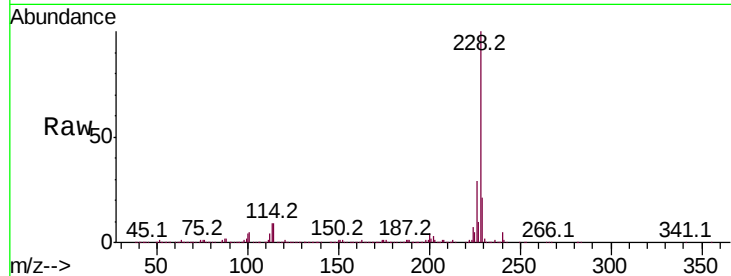
#81  
Benzo(a)anthracene  
Concen: 47.275 ng  
RT: 21.81 min Scan# 3187  
Delta R.T. -0.02 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.3  | 23.0  | 34.6  |
| 229     | 21.4  | 16.9  | 25.3  |

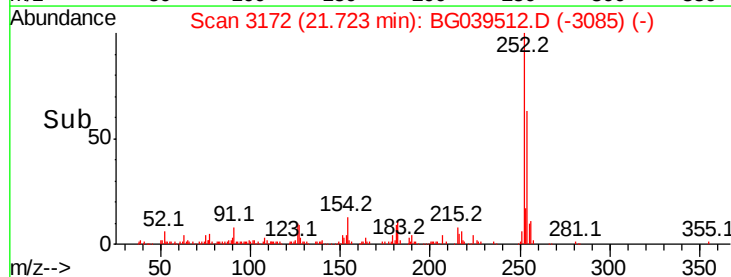
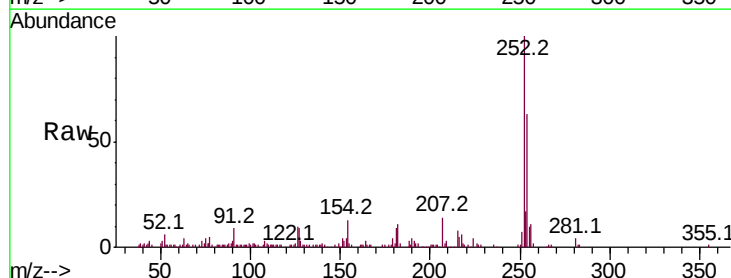
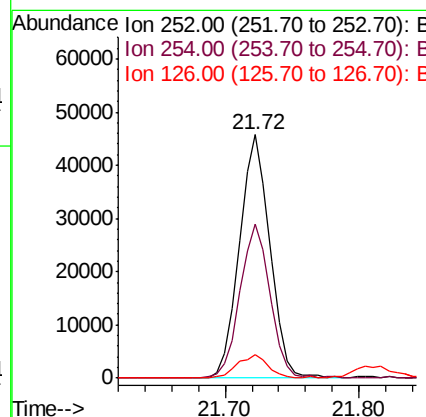
Manual Integrations  
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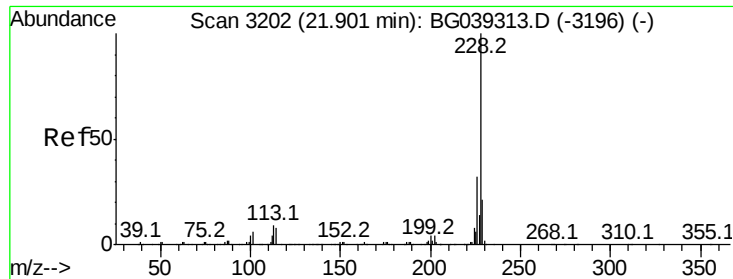
Sohil  
2/15/2019 9:44:34 AM



#82  
3,3'-Dichlorobenzidine  
Concen: 8.286 ng  
RT: 21.72 min Scan# 3172  
Delta R.T. -0.02 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.5  | 51.3  | 76.9  |
| 126     | 9.9   | 8.0   | 12.0  |





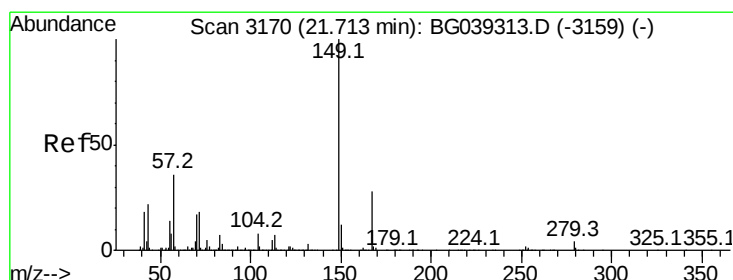
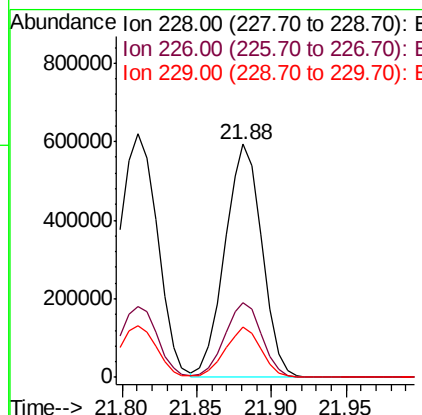
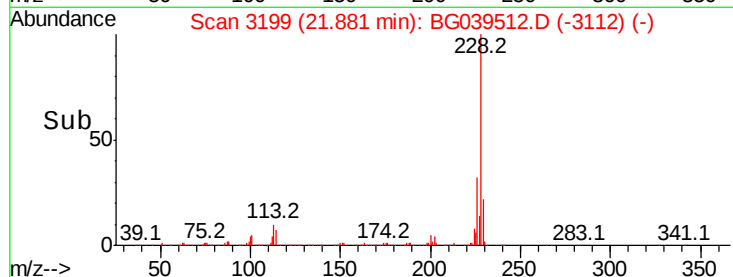
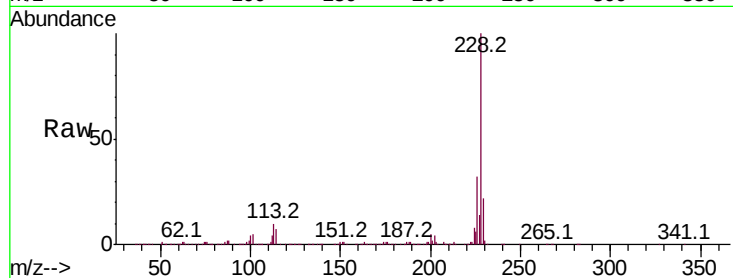
#83  
 Chrysene  
 Concen: 45.992 ng  
 RT: 21.88 min Scan# 3199  
 Delta R.T. -0.02 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.8  | 25.8  | 38.6  |
| 229     | 21.5  | 16.6  | 25.0  |

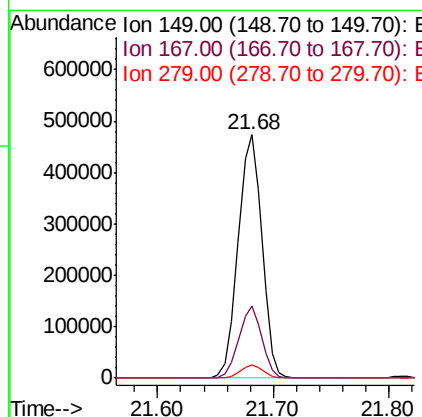
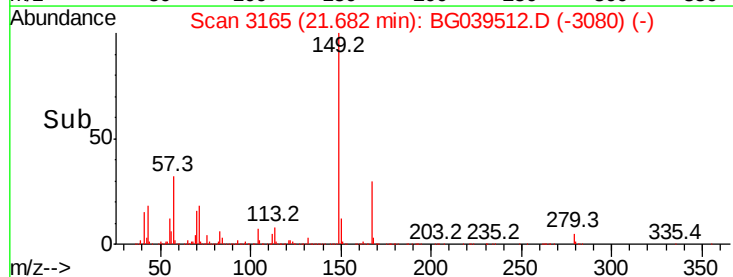
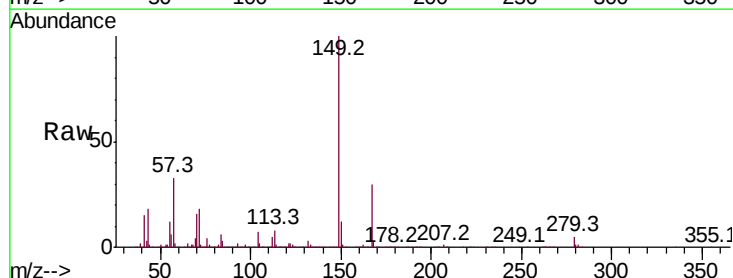
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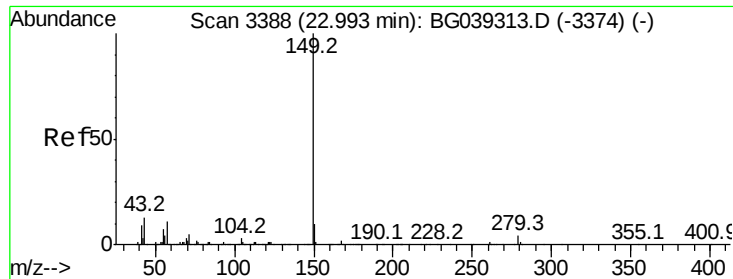
Sohil  
 2/15/2019 9:44:34 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.235 ng  
 RT: 21.68 min Scan# 3165  
 Delta R.T. -0.03 min  
 Lab File: BG039512.D  
 Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.6  | 22.6  | 34.0  |
| 279     | 5.4   | 3.5   | 5.3#  |





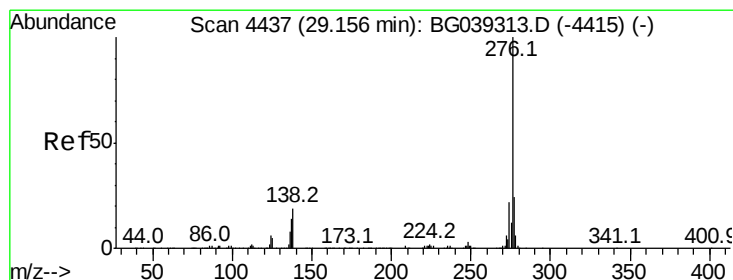
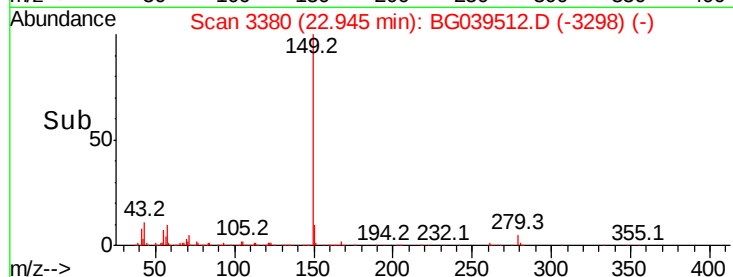
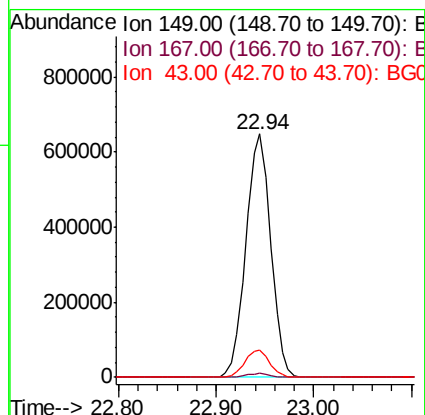
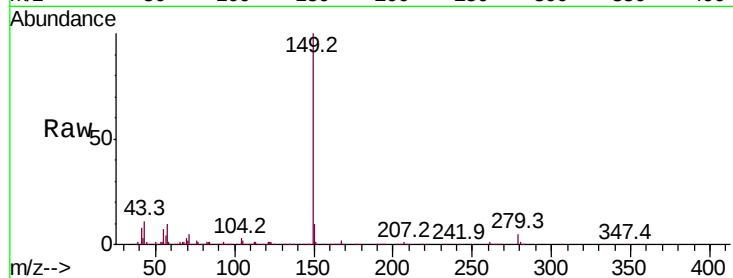
#85  
Di-n-octyl phthalate  
Concen: 46.488 ng  
RT: 22.94 min Scan# 3380  
Delta R.T. -0.05 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 11.2  | 10.2  | 15.4  |

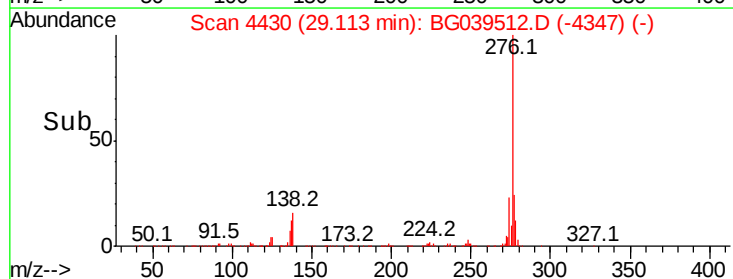
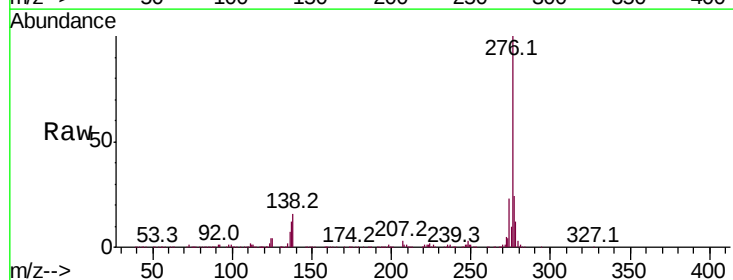
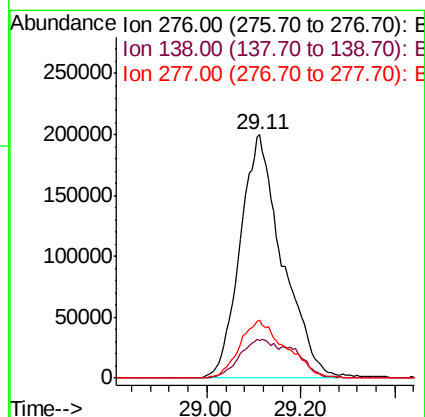
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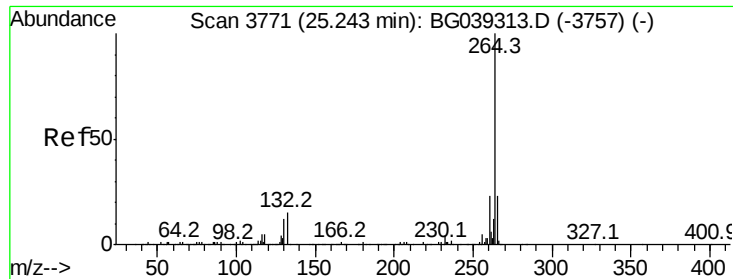
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 51.925 ng  
RT: 29.11 min Scan# 4430  
Delta R.T. -0.04 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 13.6  | 12.6  | 19.0  |
| 277     | 25.9  | 20.8  | 31.2  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

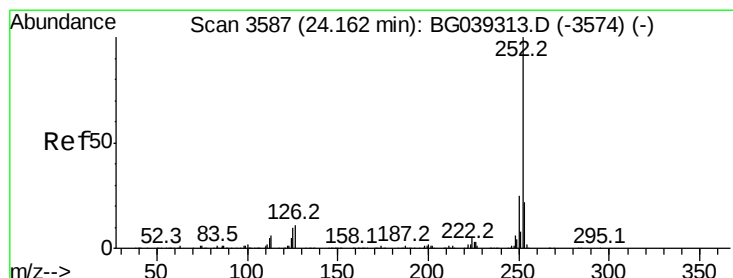
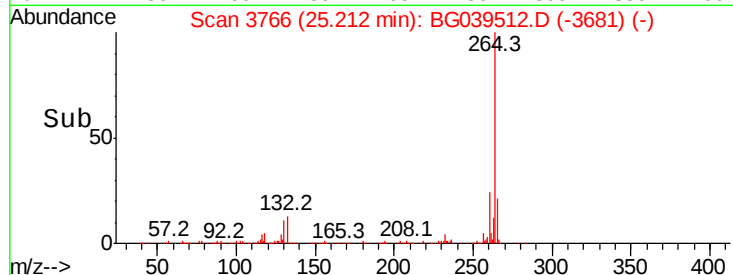
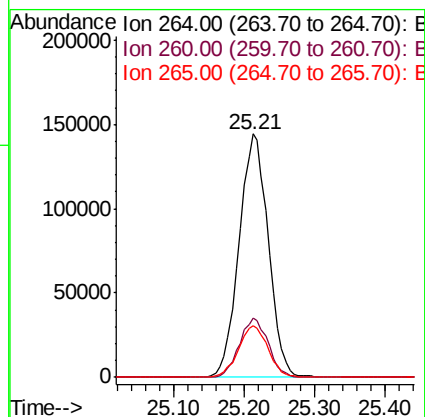
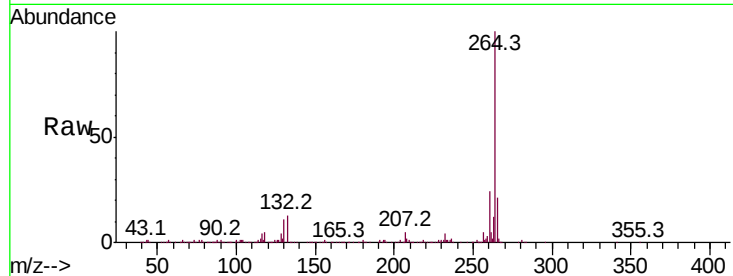
ClientSampleId :

OR-01-021319-AMS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 264  | Resp: | 415017 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 24.4 | 18.2  | 27.4   |
| 265       | 21.4 | 18.5  | 27.7   |

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#88

Benzo(b)fluoranthene

Concen: 47.968 ng

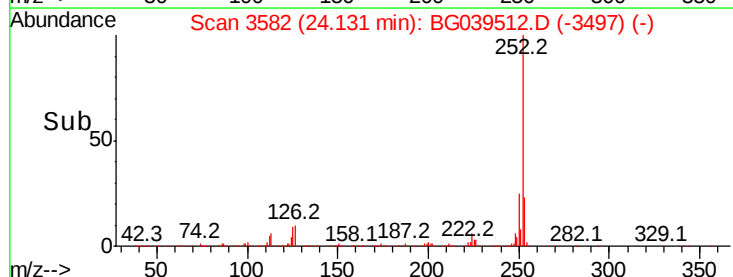
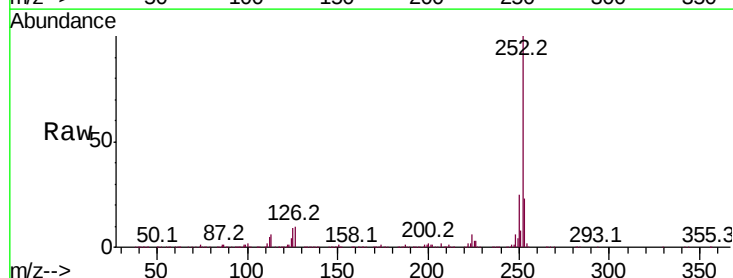
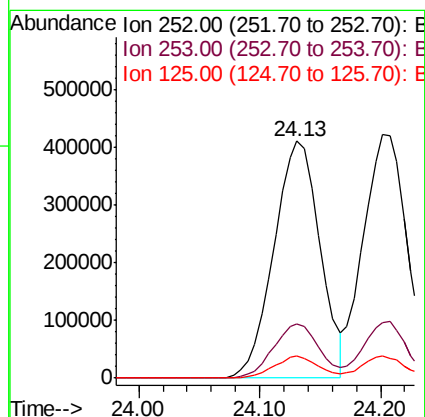
RT: 24.13 min Scan# 3582

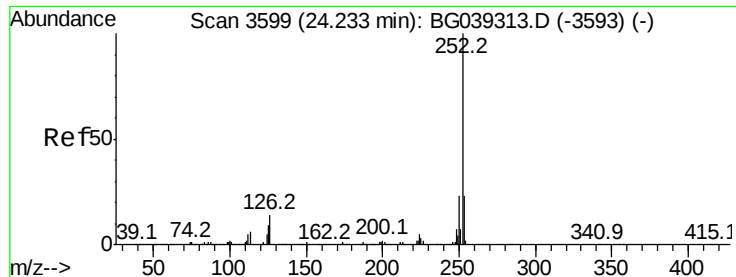
Delta R.T. -0.03 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 252  | Resp: | 1085676 |
| Ion Ratio |      | Lower | Upper   |
| 252       | 100  |       |         |
| 253       | 22.8 | 17.8  | 26.8    |
| 125       | 9.2  | 7.8   | 11.6    |





#89

Benzo(k)fluoranthene

Concen: 46.408 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.03 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

Instrument :

BNA\_G

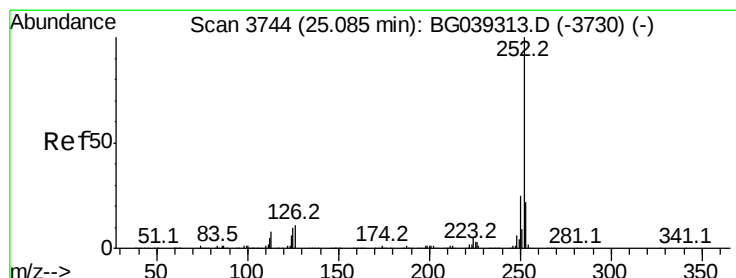
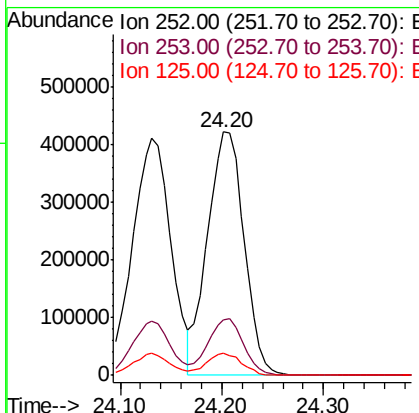
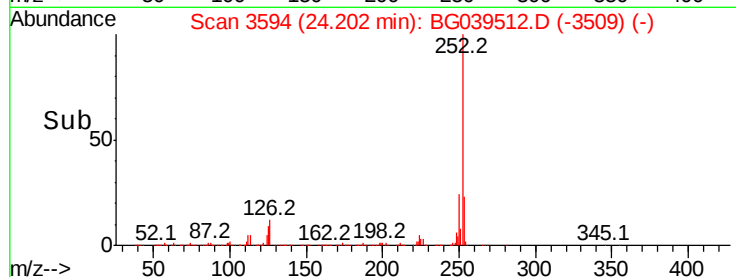
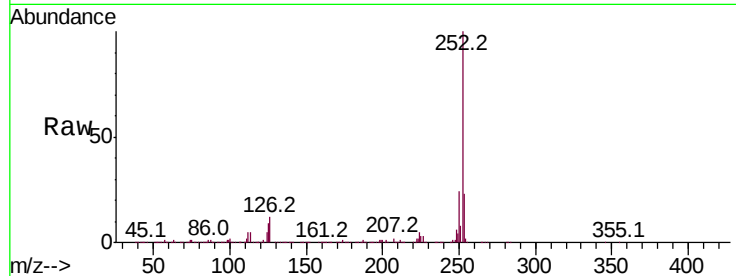
ClientSampleId :

OR-01-021319-AMS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 252   | Resp: | 1054544 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 22.8  | 18.2  | 27.2    |
| 125      | 9.0   | 7.4   | 11.2    |

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#90

Benzo(a)pyrene

Concen: 48.494 ng

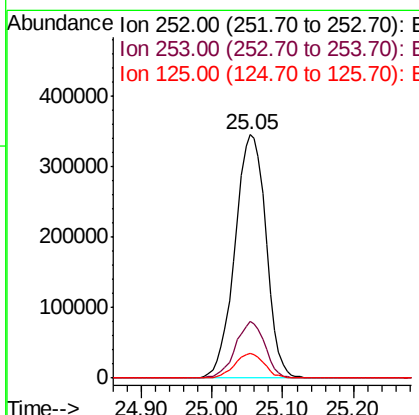
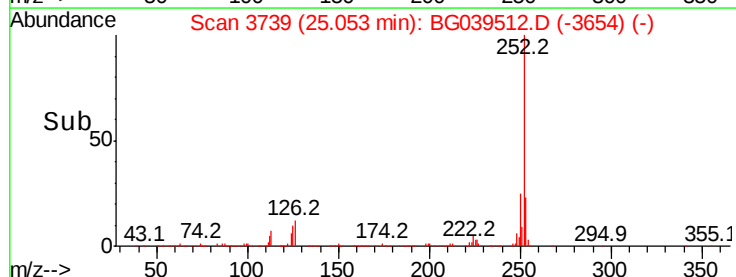
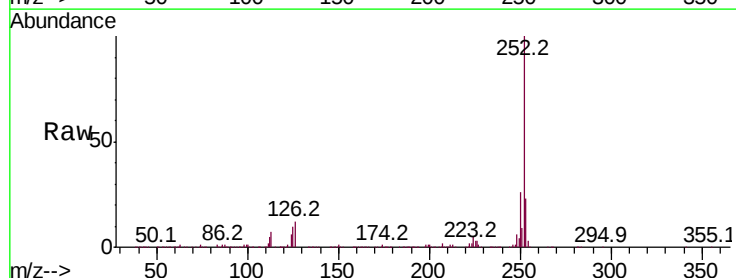
RT: 25.05 min Scan# 3739

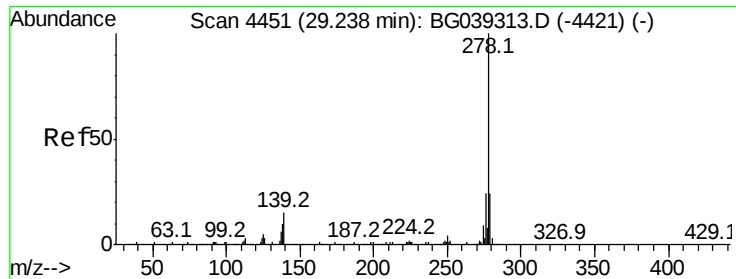
Delta R.T. -0.03 min

Lab File: BG039512.D

Acq: 14 Feb 2019 18:40

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 1057051 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 23.1  | 17.9  | 26.9    |
| 125      | 10.2  | 8.3   | 12.5    |





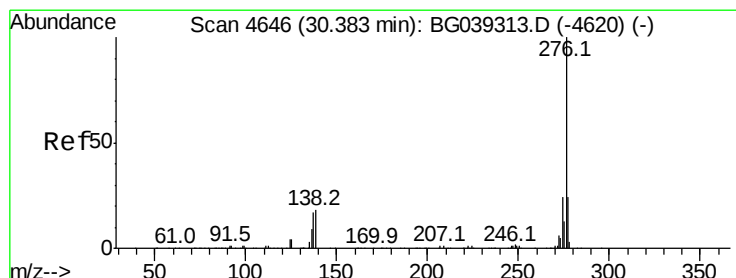
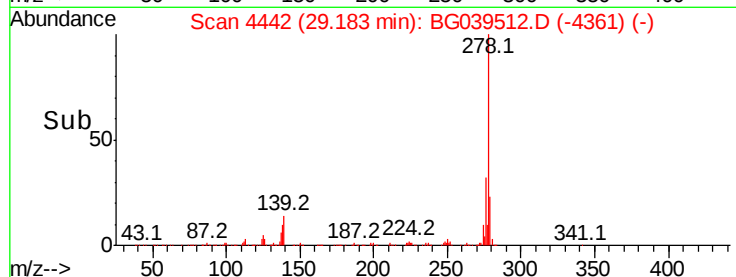
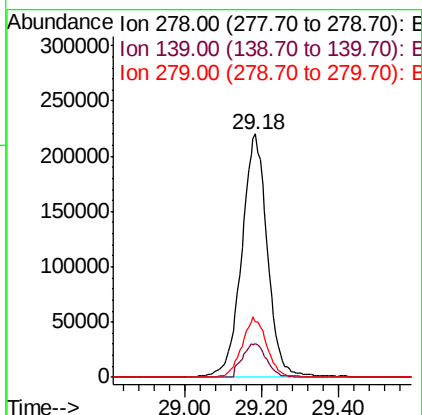
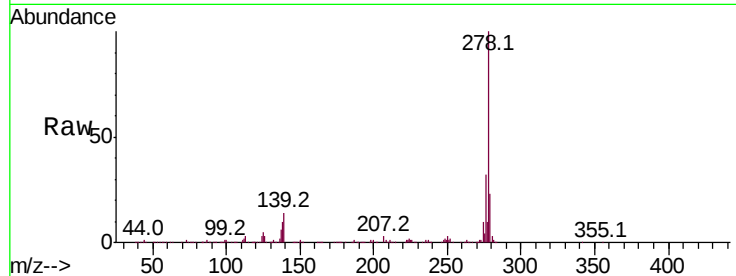
#91  
Dibenzo(a,h)anthracene  
Concen: 49.929 ng  
RT: 29.18 min Scan# 4442  
Delta R.T. -0.05 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

Instrument :  
BNA\_G  
ClientSampleId :  
OR-01-021319-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.1  | 11.7  | 17.5  |
| 279     | 22.9  | 19.1  | 28.7  |

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#92  
Benzo(g,h,i)perylene  
Concen: 50.684 ng  
RT: 30.34 min Scan# 4639  
Delta R.T. -0.04 min  
Lab File: BG039512.D  
Acq: 14 Feb 2019 18:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.7  | 19.6  | 29.4  |
| 138     | 16.9  | 14.7  | 22.1  |

