

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062520\  
 Data File : BG045857.D  
 Acq On : 25 Jun 2020 14:46  
 Operator : CG/JU  
 Sample : PB129763BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129763BS

Manual Integrations  
 APPROVED

mohammad  
 6/26/2020 12:37:22 PM

Quant Time: Jun 25 15:52:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 25 15:44:32 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.91  | 152  | 50516    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.72 | 136  | 191317   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.56 | 164  | 131634   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.32 | 188  | 310419   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.57 | 240  | 302621   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.69 | 264  | 332892   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 418077  | 139.80 | ng | 0.00 |
| 7) Phenol-d6             | 7.14  | 99  | 583821  | 128.35 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.07  | 82  | 375448  | 89.65  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.06 | 330 | 259286  | 130.47 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.18 | 172 | 816805  | 91.19  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.93 | 244 | 1388811 | 93.01  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.36  | 88  | 52110  | 38.046 | ng | 95     |
| 3) Pyridine                    | 3.76  | 79  | 148671 | 36.630 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.68  | 42  | 60758  | 44.597 | ng | 89     |
| 6) Aniline                     | 7.24  | 93  | 216661 | 40.452 | ng | 99     |
| 8) 2-Chlorophenol              | 7.49  | 128 | 150088 | 46.888 | ng | 95     |
| 9) Benzaldehyde                | 7.05  | 77  | 86538  | 31.674 | ng | 96     |
| 10) Phenol                     | 7.16  | 94  | 197693 | 44.854 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.34  | 93  | 137835 | 41.173 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.81  | 146 | 164384 | 43.093 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.95  | 146 | 165188 | 43.354 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.27  | 146 | 154689 | 42.407 | ng | 99     |
| 15) Benzyl Alcohol             | 8.17  | 79  | 149309 | 42.416 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.44  | 45  | 130243 | 41.280 | ng | 81     |
| 17) 2-Methylphenol             | 8.40  | 107 | 134204 | 40.915 | ng | 94     |
| 18) Hexachloroethane           | 8.99  | 117 | 63833  | 44.111 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.72  | 70  | 125342 | 41.913 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.73  | 107 | 174139 | 40.368 | ng | # 69   |
| 22) Acetophenone               | 8.74  | 105 | 227126 | 43.253 | ng | 97     |
| 24) Nitrobenzene               | 9.12  | 77  | 193320 | 43.294 | ng | 97     |
| 25) Isophorone                 | 9.64  | 82  | 333774 | 41.169 | ng | 99     |
| 26) 2-Nitrophenol              | 9.83  | 139 | 85434  | 45.925 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 9.92  | 122 | 133824 | 47.118 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.13 | 93  | 186211 | 43.971 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.40 | 162 | 148646 | 44.858 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.58 | 180 | 171857 | 43.809 | ng | 98     |
| 31) Naphthalene                | 10.77 | 128 | 450323 | 43.054 | ng | 100    |
| 32) Benzoic acid               | 10.12 | 122 | 73376  | 41.362 | ng | 91     |
| 33) 4-Chloroaniline            | 10.89 | 127 | 160368 | 36.612 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.06 | 225 | 116992 | 41.934 | ng | 98     |
| 35) Caprolactam                | 11.66 | 113 | 48220m | 44.968 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.05 | 107 | 166637 | 43.554 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.38 | 142 | 339467 | 43.585 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.60 | 142 | 315772 | 42.843 | ng | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 190409 | 43.930 | ng | 99     |

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 BNA\_G  
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 PB129763BS

Manual Integrations  
 APPROVED

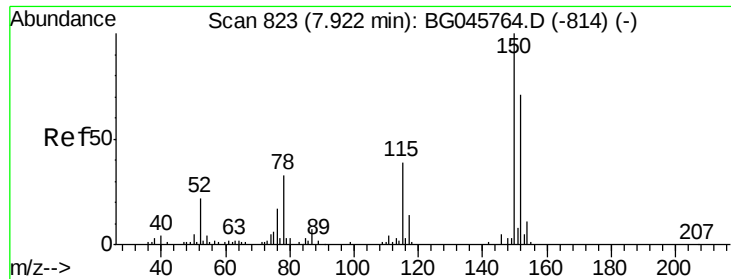
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 6/26/2020 12:37:22 PM

Quant Time: Jun 25 15:52:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.73 | 237  | 218832   | 90.201 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.01 | 196  | 126353   | 42.996 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.10 | 196  | 132742   | 39.633 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.39 | 154  | 415325   | 44.070 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.44 | 162  | 325595   | 42.770 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.65 | 65   | 109625   | 43.291 | nq    | 99       |
| 49) Acenaphthylene             | 14.28 | 152  | 532476   | 43.668 | nq    | 99       |
| 50) Dimethylphthalate          | 14.02 | 163  | 443603   | 43.018 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.14 | 165  | 100029   | 43.188 | nq    | 96       |
| 52) Acenaphthene               | 14.63 | 154  | 318791   | 43.131 | nq    | 95       |
| 53) 3-Nitroaniline             | 14.48 | 138  | 83732    | 36.193 | nq    | 91       |
| 54) 2,4-Dinitrophenol          | 14.69 | 184  | 110271   | 84.911 | nq    | # 89     |
| 55) Dibenzofuran               | 14.97 | 168  | 523795   | 43.624 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.85 | 139  | 122651   | 74.296 | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.94 | 165  | 143528   | 43.251 | nq    | 96       |
| 58) Fluorene                   | 15.61 | 166  | 430914   | 43.160 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.21 | 232  | 122066   | 41.991 | nq    | 97       |
| 60) Diethylphthalate           | 15.38 | 149  | 460038   | 43.639 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.61 | 204  | 241155   | 41.907 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.65 | 138  | 103850   | 43.739 | nq    | 95       |
| 63) Azobenzene                 | 15.90 | 77   | 447435   | 44.204 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.71 | 198  | 91920    | 47.915 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.82 | 169  | 386352   | 43.942 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.50 | 248  | 165948   | 41.143 | nq    | 96       |
| 68) Hexachlorobenzene          | 16.63 | 284  | 185087   | 44.252 | nq    | 93       |
| 69) Atrazine                   | 16.78 | 200  | 146753   | 43.014 | nq    | 96       |
| 70) Pentachlorophenol          | 16.98 | 266  | 144889   | 71.173 | nq    | 95       |
| 71) Phenanthrene               | 17.36 | 178  | 704604   | 44.011 | nq    | 99       |
| 72) Anthracene                 | 17.45 | 178  | 721838   | 45.278 | nq    | 100      |
| 73) Carbazole                  | 17.73 | 167  | 660939   | 43.541 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.28 | 149  | 788142   | 43.850 | nq    | 100      |
| 75) Fluoranthene               | 19.37 | 202  | 886663   | 45.039 | nq    | 100      |
| 77) Benzidine                  | 19.55 | 184  | 534555   | 67.947 | nq    | 99       |
| 78) Pyrene                     | 19.73 | 202  | 875072   | 43.182 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.62 | 149  | 361220   | 42.586 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.55 | 228  | 853155   | 43.484 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.47 | 252  | 281964   | 37.993 | nq    | 95       |
| 83) Chrysene                   | 21.62 | 228  | 827658   | 43.614 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.46 | 149  | 509697   | 43.200 | nq    | # 98     |
| 85) Di-n-octyl phthalate       | 22.64 | 149  | 866046   | 42.554 | nq    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 28.25 | 276  | 1079525  | 44.732 | nq    | # 95     |
| 88) Benzo(b)fluoranthene       | 23.71 | 252  | 936519   | 44.869 | nq    | 97       |
| 89) Benzo(k)fluoranthene       | 23.78 | 252  | 895357   | 44.821 | nq    | 97       |
| 90) Benzo(a)pyrene             | 24.55 | 252  | 850351   | 43.614 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.31 | 278  | 879688   | 45.456 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.36 | 276  | 879757   | 45.418 | nq    | 96       |

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





#1

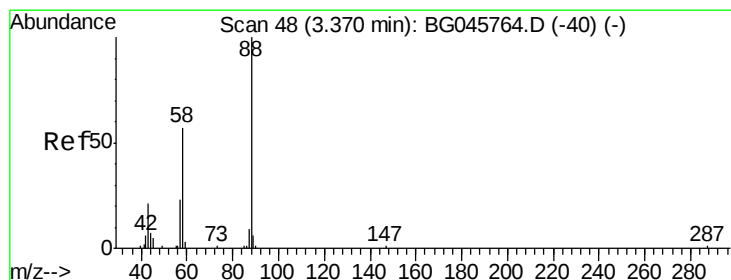
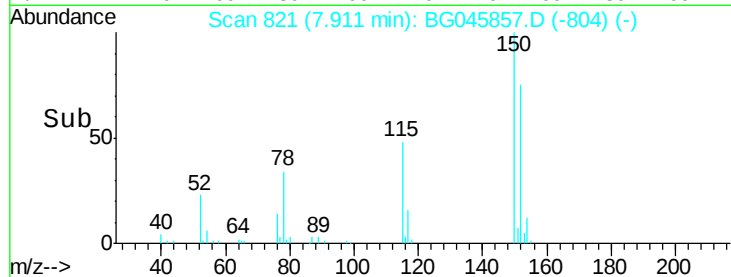
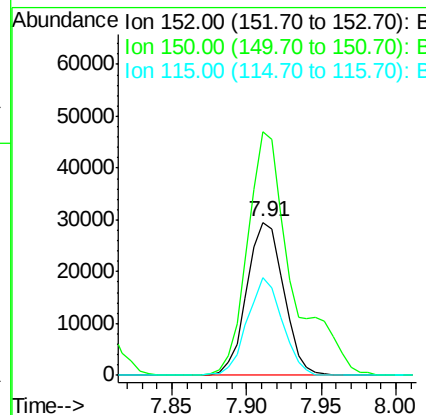
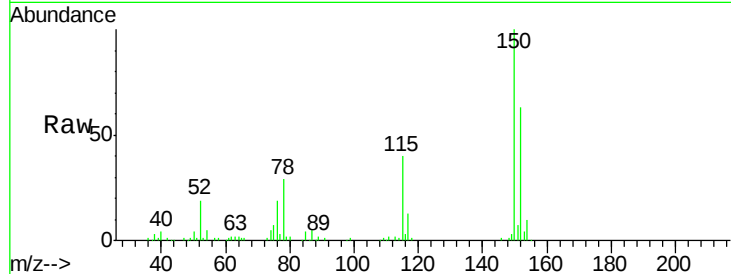
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.91 min Scan# 821  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.4 | 113.1 | 169.7 |
| 115     | 64.4  | 43.8  | 65.6  |

Manual Integrations  
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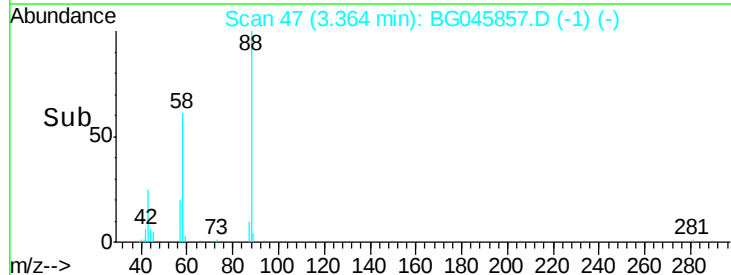
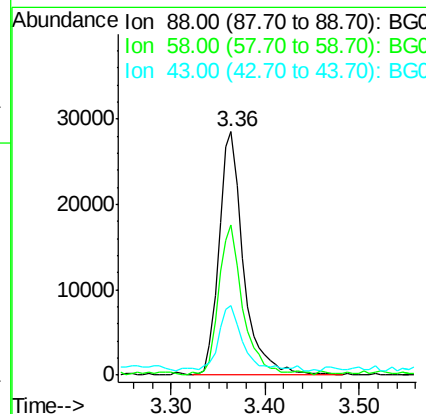
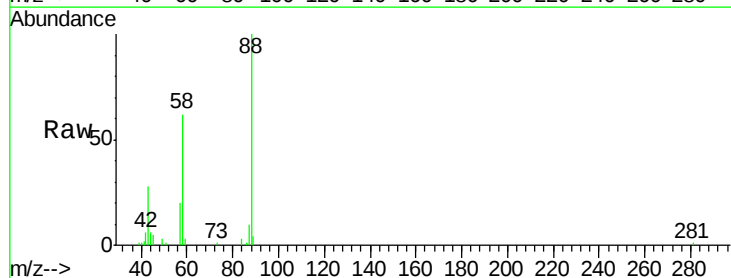
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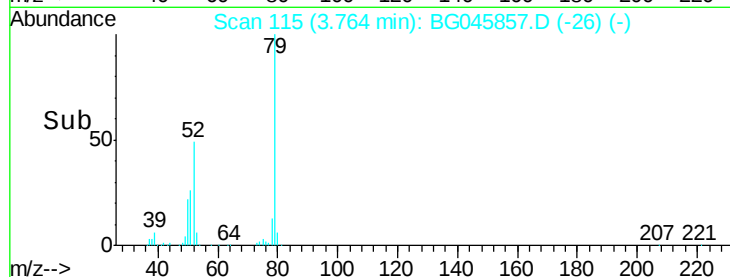
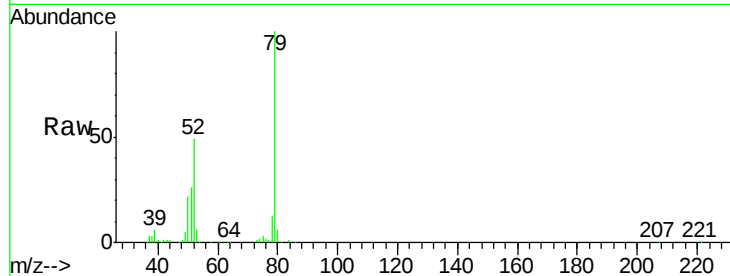
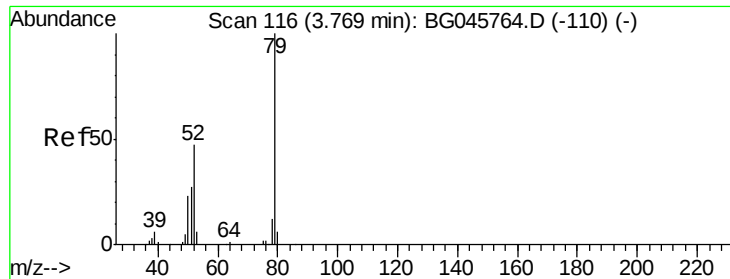


#2

1,4-Dioxane  
Concen: 38.046 ng  
RT: 3.36 min Scan# 47  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 60.9  | 46.1  | 69.1  |
| 43      | 26.5  | 19.2  | 28.8  |





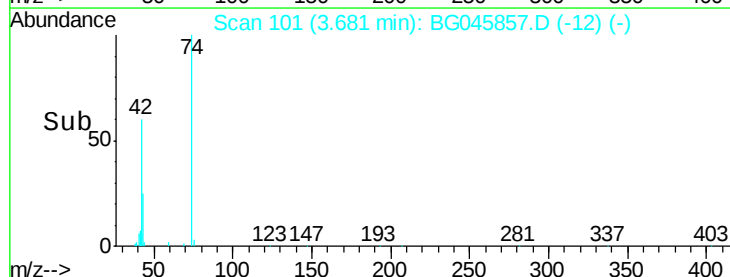
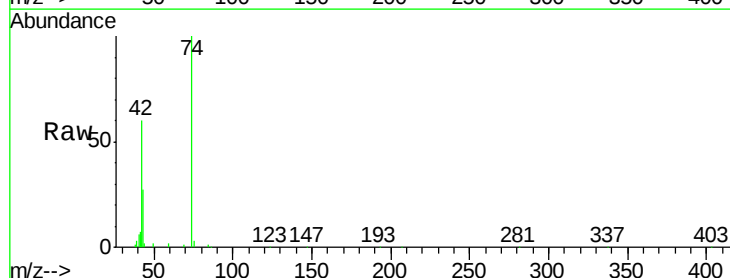
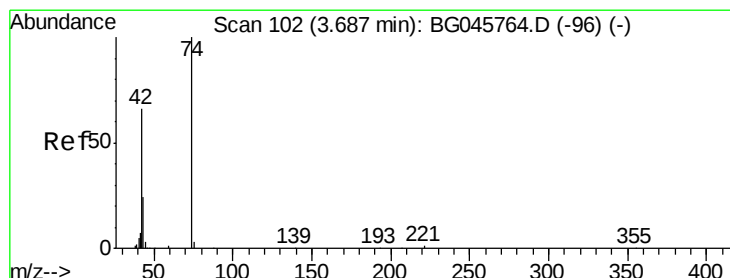
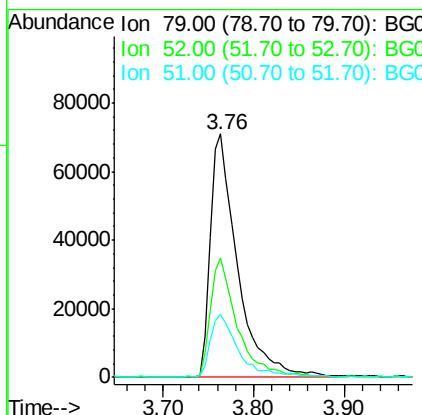
#3  
Pvridine  
Concen: 36.630 ng  
RT: 3.76 min Scan# 115  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 79      | 79  | 100   | 148671 |       |       |
| 52      | 52  | 49.3  |        | 37.9  | 56.9  |
| 51      | 51  | 26.1  |        | 22.0  | 33.0  |

Instrument :  
BNA\_G  
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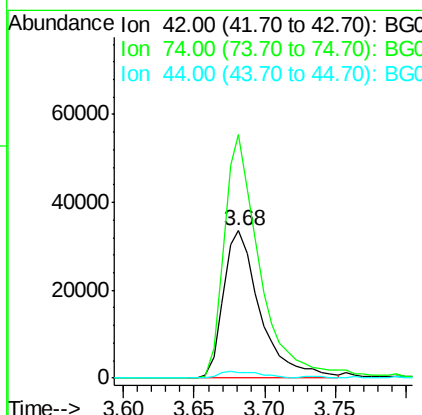
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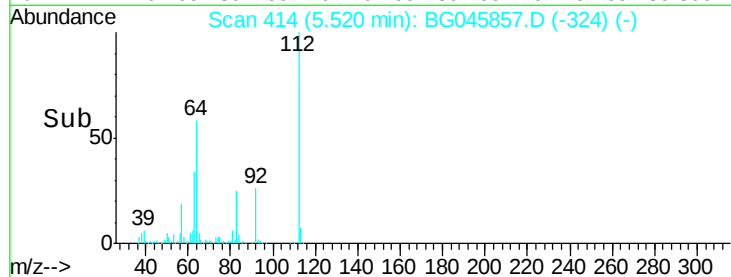
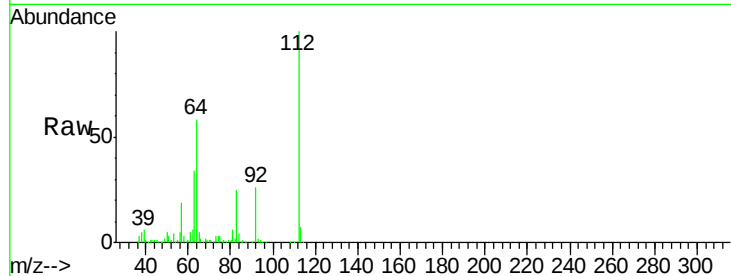
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6/26/2020 12:37:22 PM



#4  
n-Nitrosodimethylamine  
Concen: 44.597 ng  
RT: 3.68 min Scan# 101  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 42      | 42  | 100   | 60758 |       |       |
| 74      | 74  | 165.5 |       | 121.0 | 181.4 |
| 44      | 44  | 4.0   |       | 3.5   | 5.3   |





#5

2-Fluorophenol

Concen: 139.803 ng

RT: 5.52 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 418077 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 57.9  | 46.6  | 69.8   |
| 63        | 34.5  | 26.3  | 39.5   |

Instrument :

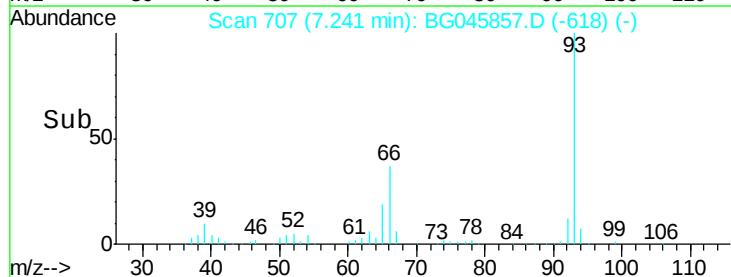
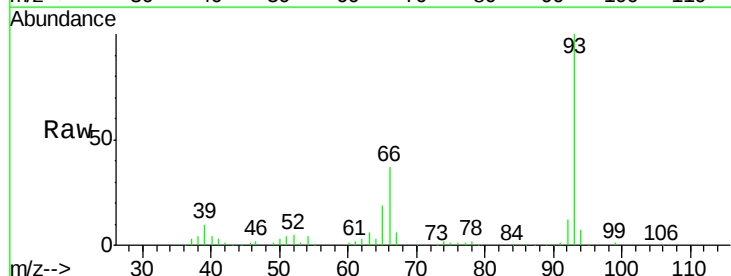
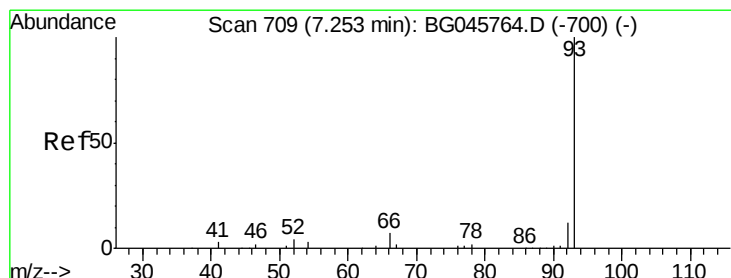
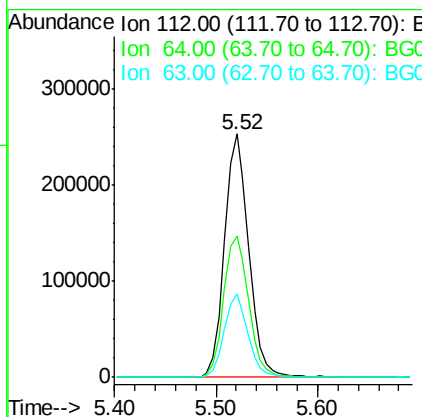
BNA\_G

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Manual Integrations  
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#6

Aniline

Concen: 40.452 ng

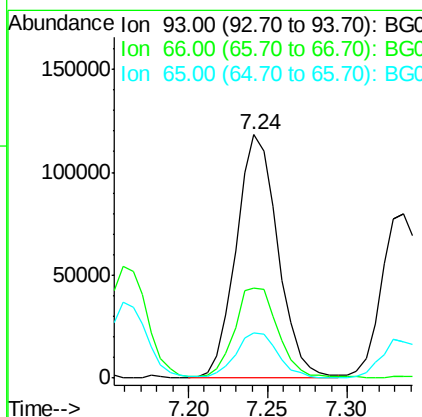
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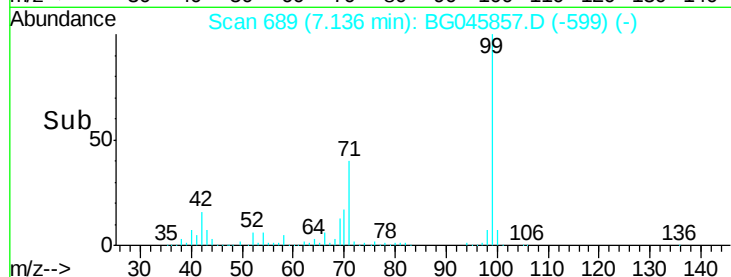
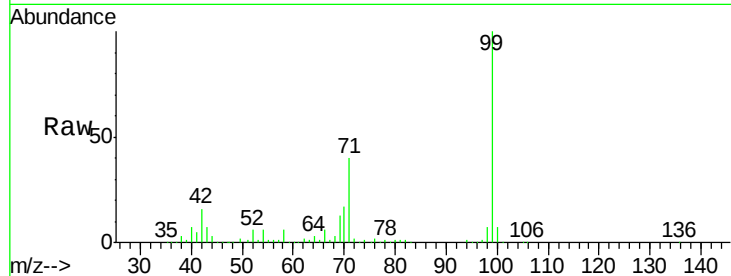
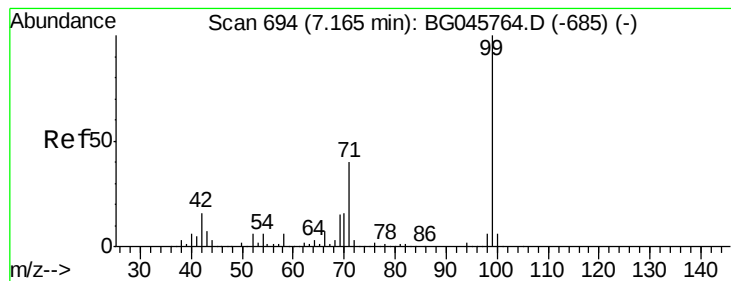
Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 216661 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 36.9  | 30.0  | 45.0   |
| 65        | 18.8  | 14.7  | 22.1   |





#7

Phenol-d6

Concen: 128.347 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 583821 |       |       |
| 42      | 15.7 | 12.4  | 18.6   |       |       |
| 71      | 39.9 | 32.1  | 48.1   |       |       |

Instrument :

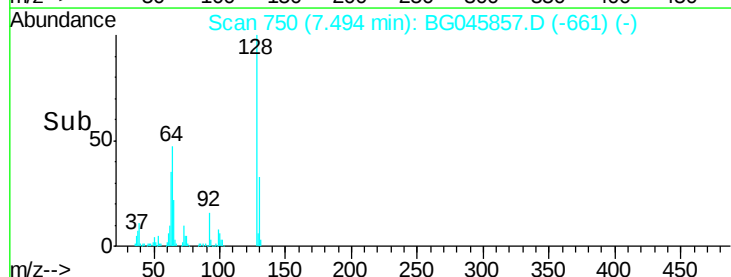
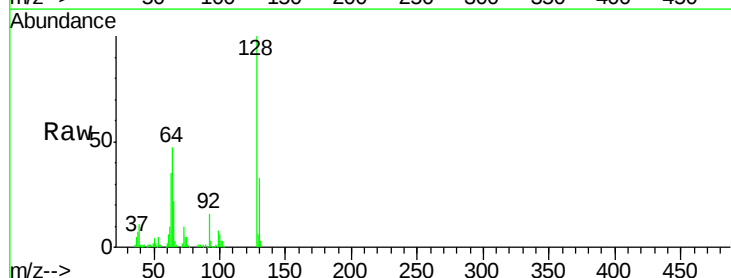
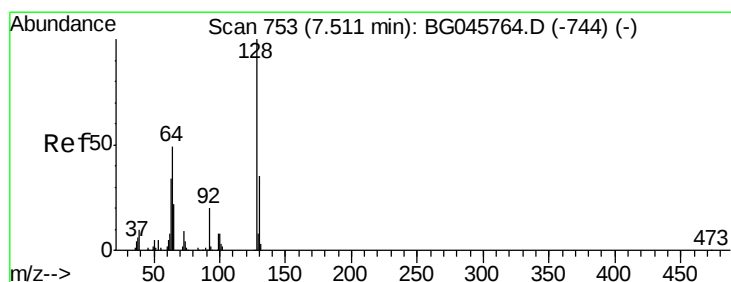
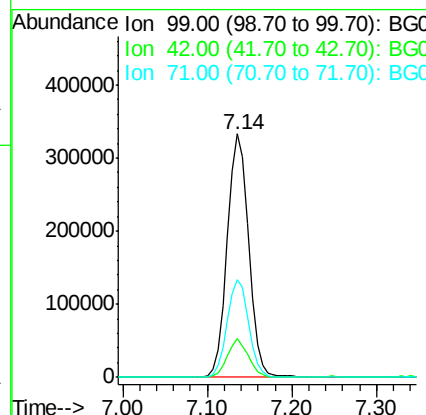
BNA\_G

ClientSampleId :

PB129763BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 46.888 ng

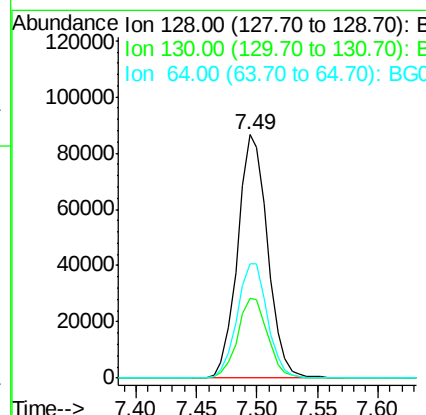
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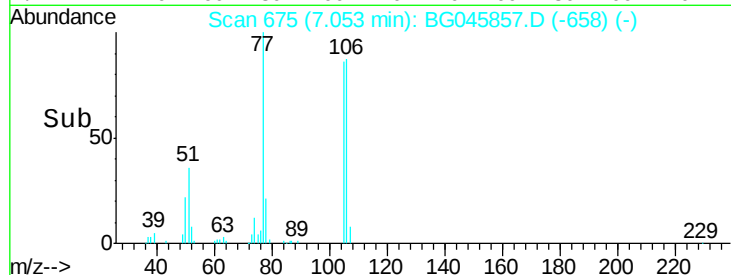
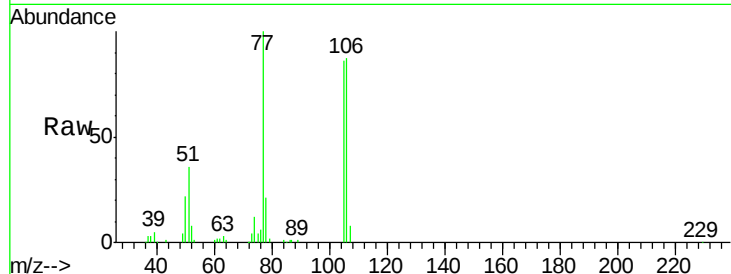
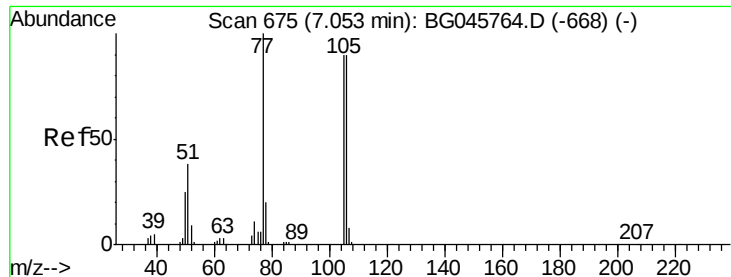
Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 150088 |       |       |
| 130     | 32.7 | 14.5  | 54.5   |       |       |
| 64      | 46.9 | 31.6  | 71.6   |       |       |





#9

Benzaldehyde

Concen: 31.674 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 86538 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 86.4  | 70.4  | 110.4 |
| 106      | 86.6  | 70.2  | 110.2 |

Instrument :

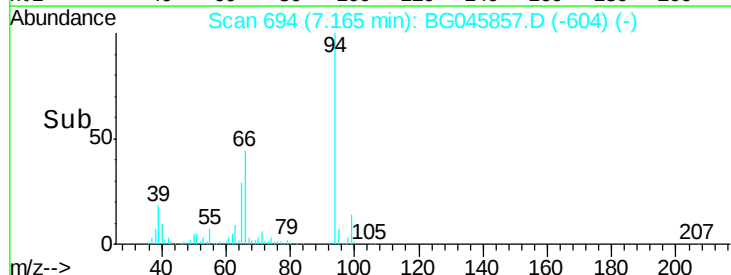
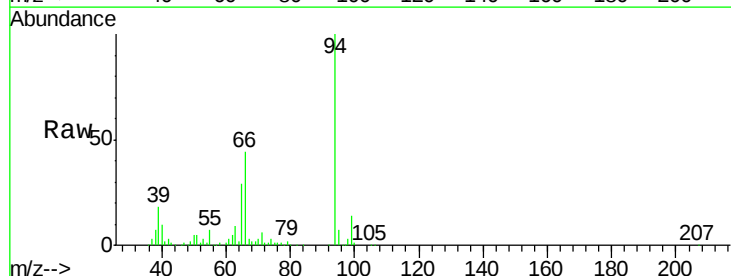
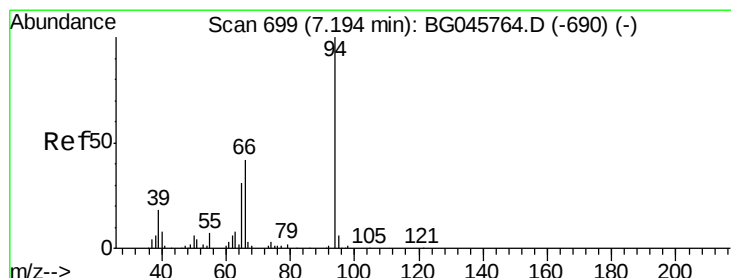
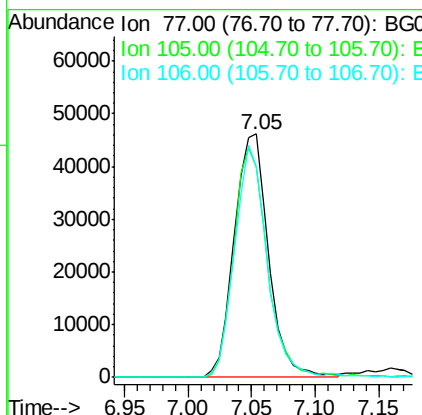
BNA\_G

ClientSampleId :

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#10

Phenol

Concen: 44.854 ng

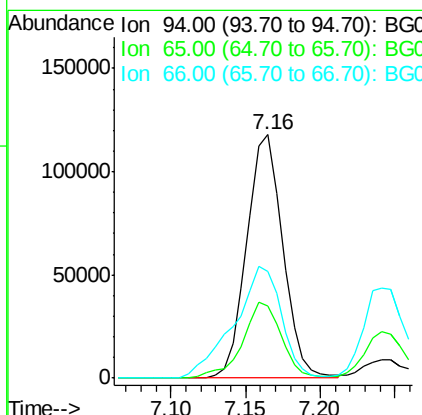
RT: 7.16 min Scan# 694

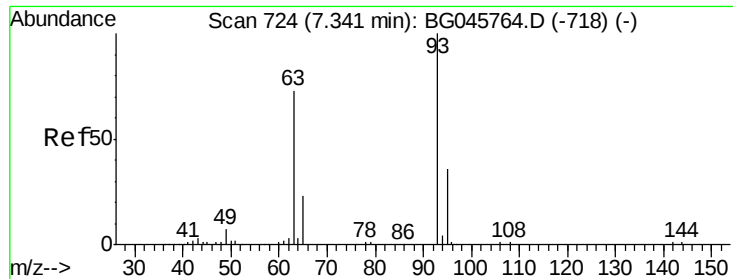
Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 197693 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.4  | 10.7  | 50.7   |
| 66       | 43.8  | 22.5  | 62.5   |





#11

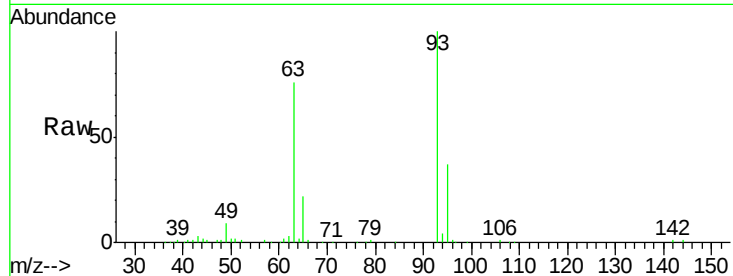
bis(2-Chloroethyl)ether  
Concen: 41.173 ng  
RT: 7.34 min Scan# 723  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

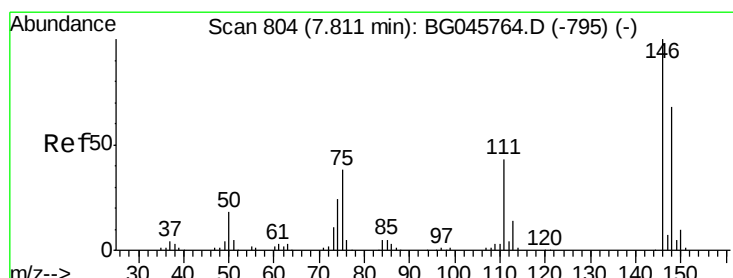
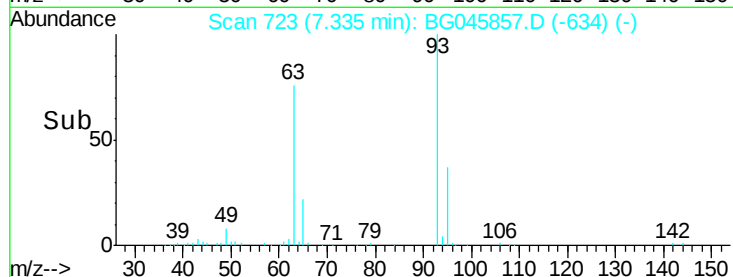
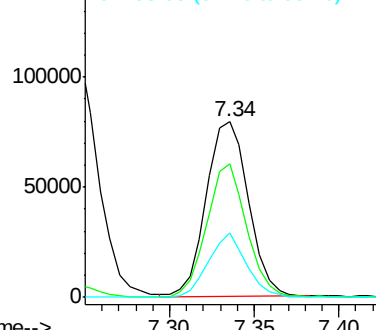
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 137835 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 76.4  | 52.0  | 92.0   |
| 95        | 36.6  | 15.6  | 55.6   |

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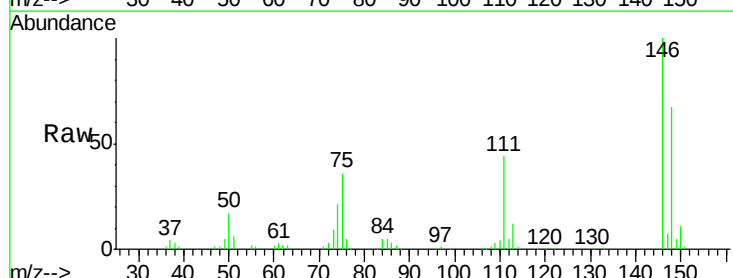
Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC



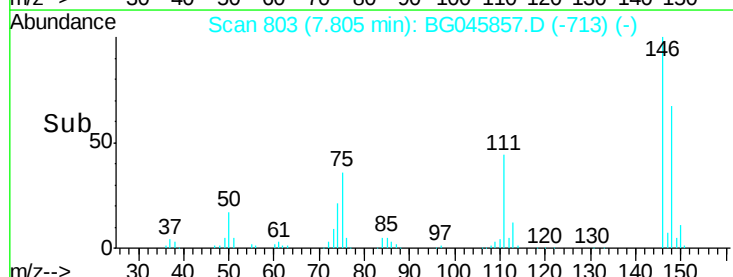
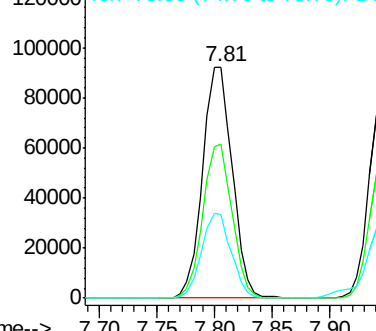
#12

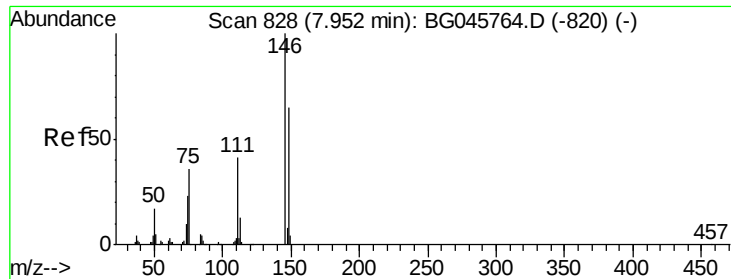
1,3-Dichlorobenzene  
Concen: 43.093 ng  
RT: 7.81 min Scan# 803  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 164384 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.7  | 54.2  | 81.4   |
| 75        | 36.4  | 30.1  | 45.1   |



Abundance Ion 146.00 (145.70 to 146.70): BGC  
Ion 148.00 (147.70 to 148.70): BGC  
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 43.354 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

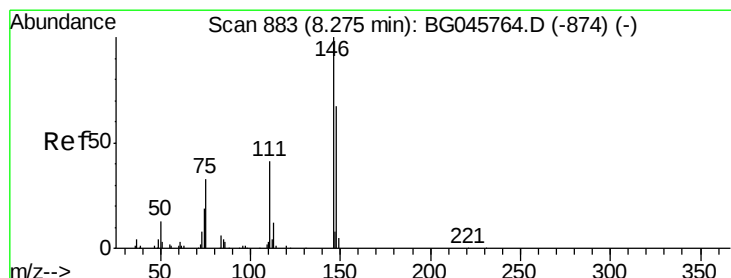
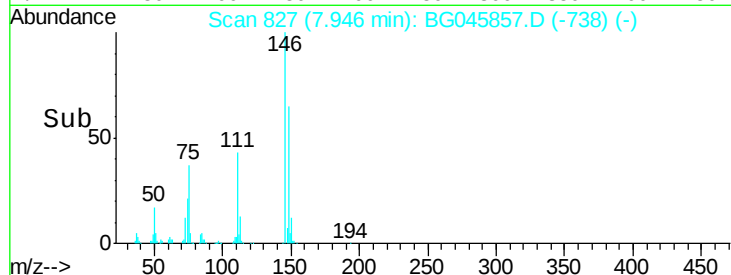
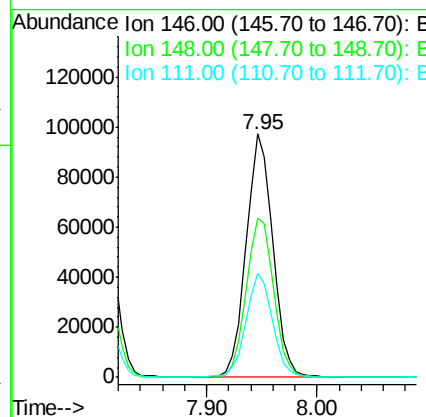
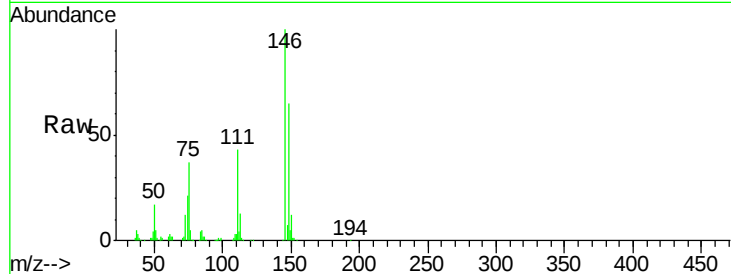
ClientSampleId :

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 165188 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.5  | 51.8  | 77.6   |
| 111       | 42.7  | 32.8  | 49.2   |

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#14

1,2-Dichlorobenzene

Concen: 42.407 ng

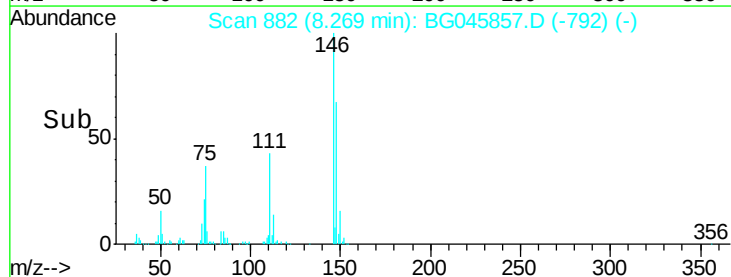
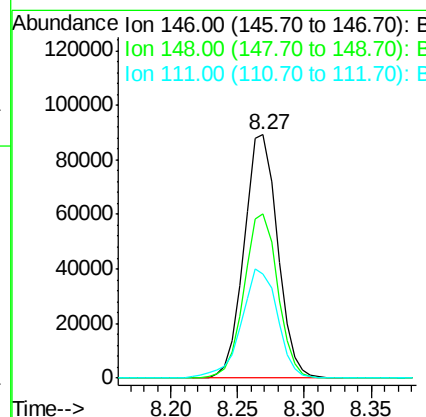
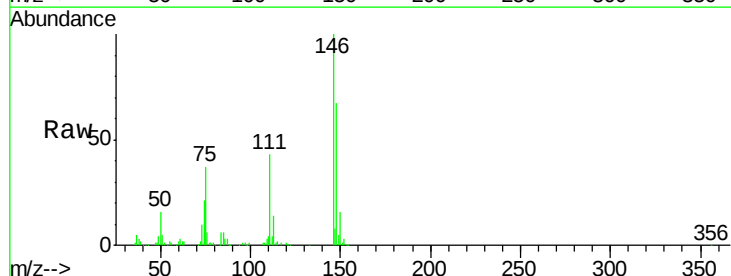
RT: 8.27 min Scan# 882

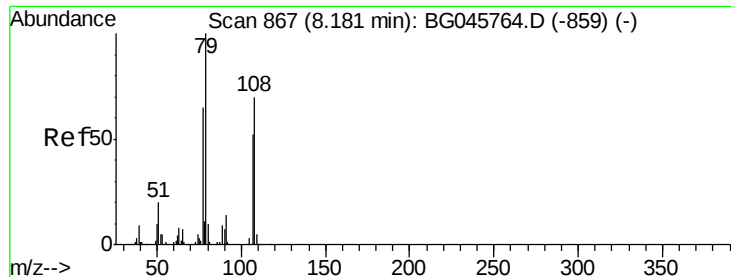
Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 154689 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 67.4  | 54.1  | 81.1   |
| 111       | 42.9  | 32.9  | 49.3   |





#15

Benzyl Alcohol

Concen: 42.416 ng

RT: 8.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

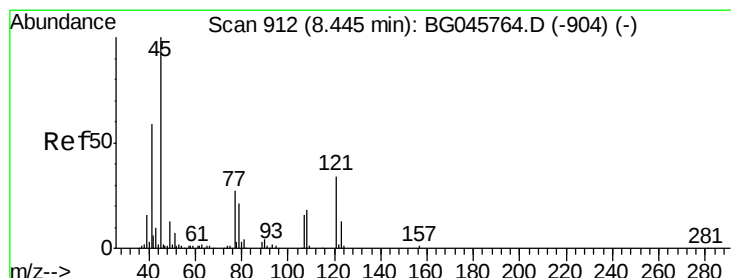
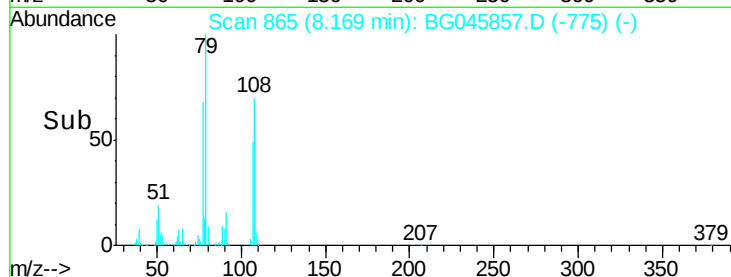
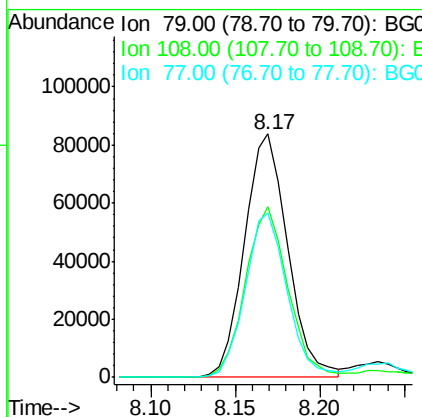
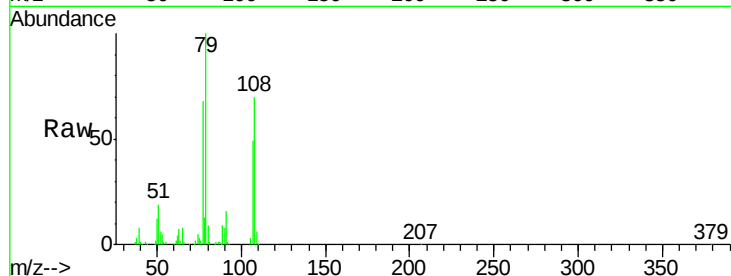
ClientSampled :

PB129763BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 149309 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 70.2  | 56.2  | 84.4   |
| 77        | 67.6  | 52.2  | 78.2   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.280 ng

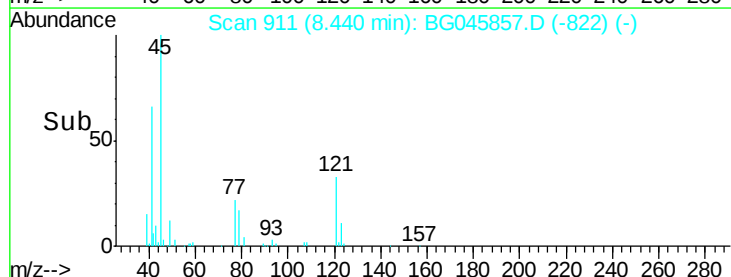
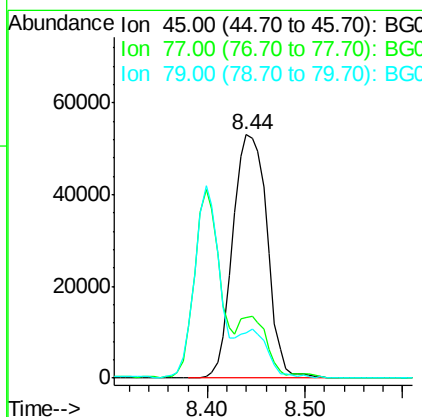
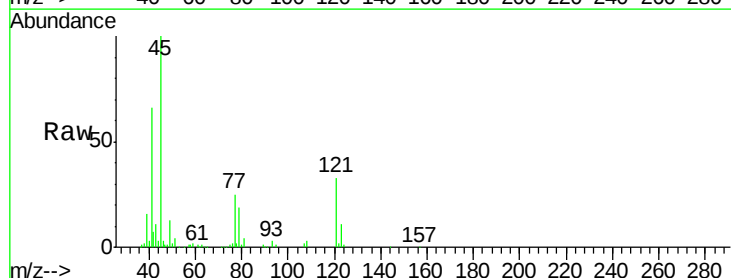
RT: 8.44 min Scan# 911

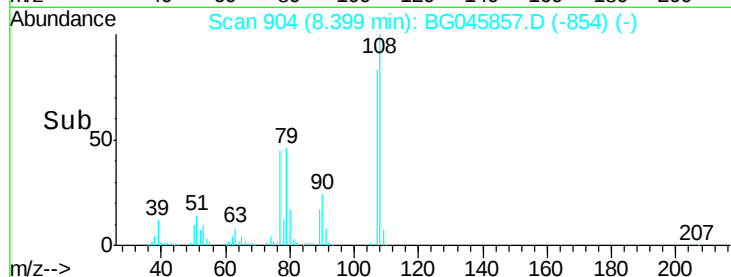
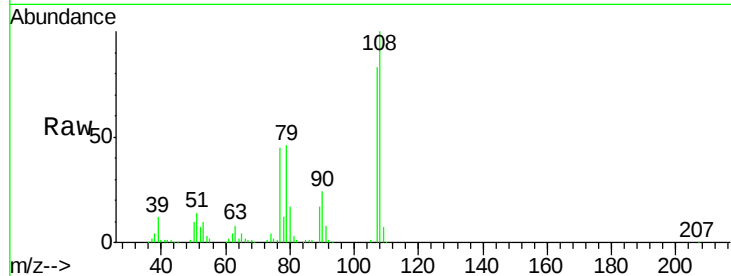
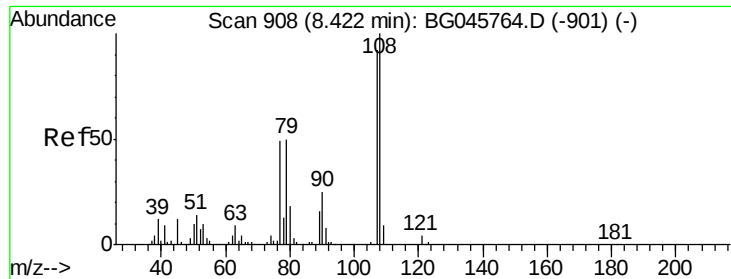
Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 130243 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 24.6  | 14.9  | 54.9   |
| 79        | 18.5  | 9.2   | 49.2   |





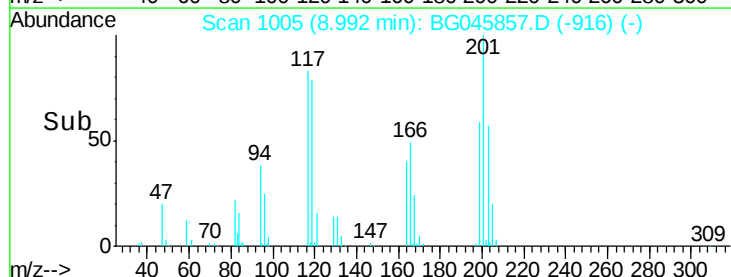
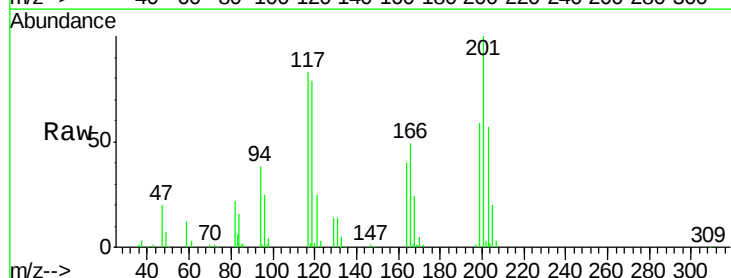
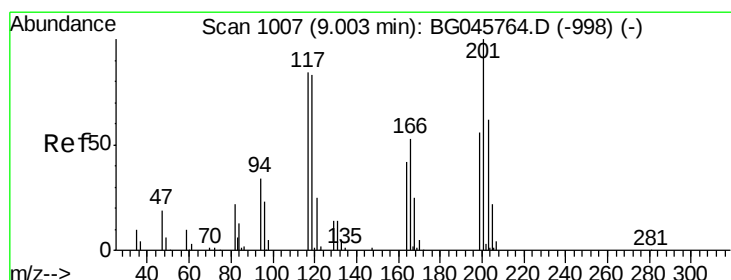
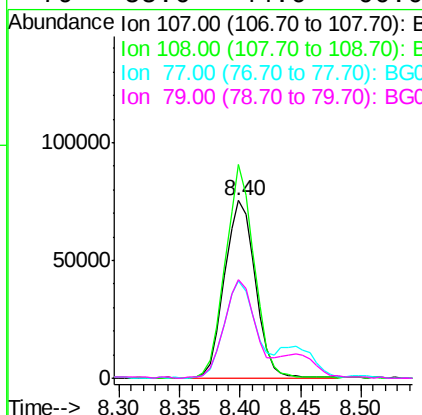
#17  
2-Methylphenol  
Concen: 40.915 ng  
RT: 8.40 min Scan# 904  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 134204 |       |       |
| 108     | 120.2 | 87.4   | 131.0 |       |
| 77      | 54.5  | 42.5   | 63.7  |       |
| 79      | 55.6  | 44.0   | 66.0  |       |

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

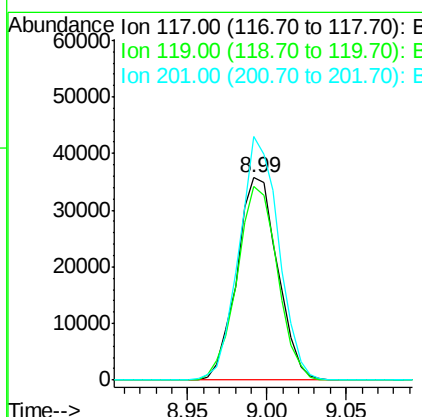
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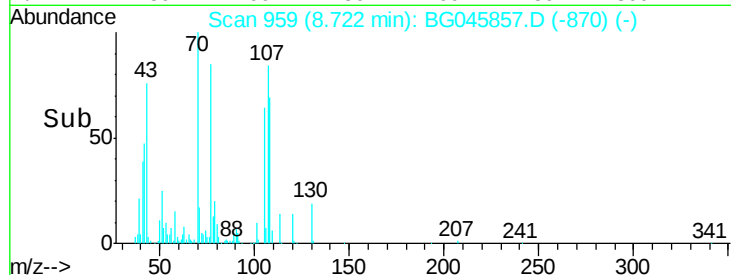
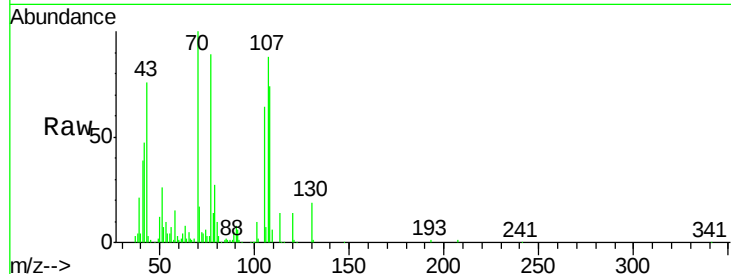
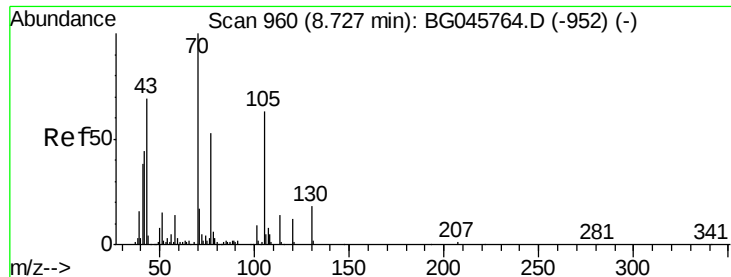
mohammad  
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#18  
Hexachloroethane  
Concen: 44.111 ng  
RT: 8.99 min Scan# 1005  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 63833 |       |       |
| 119     | 95.5  | 78.9  | 118.3 |       |
| 201     | 120.2 | 95.5  | 143.3 |       |





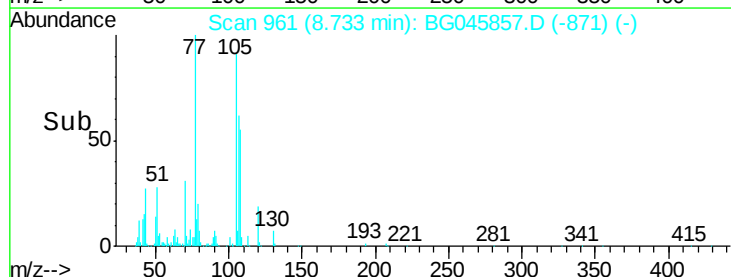
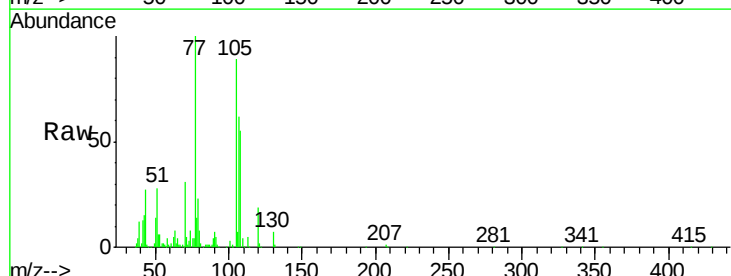
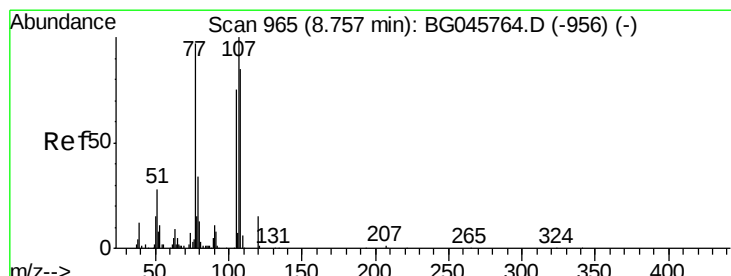
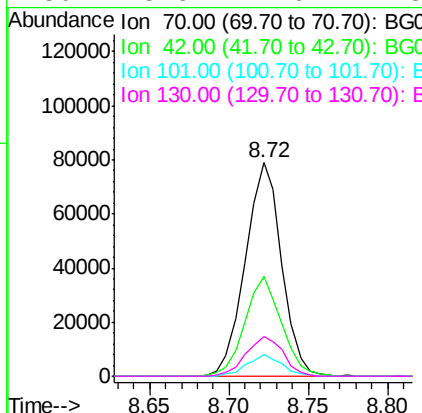
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.913 ng  
RT: 8.72 min Scan# 959  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 46.8 | 35.1  | 52.7  |       |
| 101     | 10.2 | 7.4   | 11.0  |       |
| 130     | 18.6 | 14.6  | 21.8  |       |

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

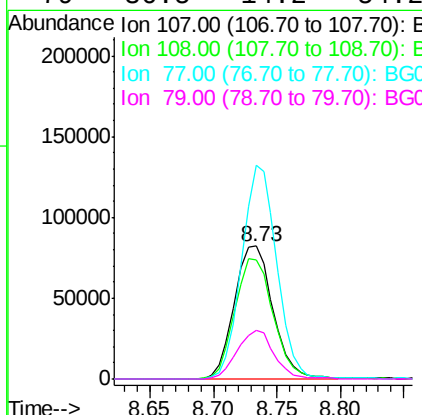
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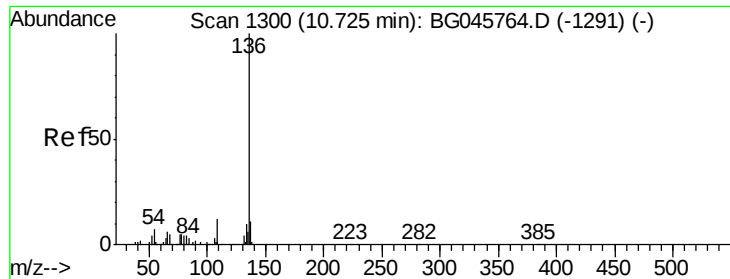
mohammad  
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#20  
3+4-Methylphenols  
Concen: 40.368 ng  
RT: 8.73 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |
| 108     | 89.4  | 65.4  | 105.4 |       |
| 77      | 161.1 | 77.2  | 117.2 |       |
| 79      | 36.5  | 14.2  | 54.2  |       |





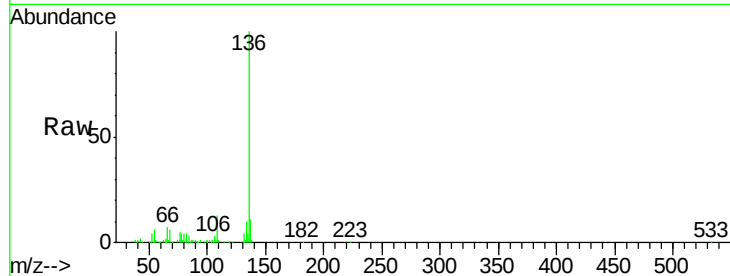
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.72 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

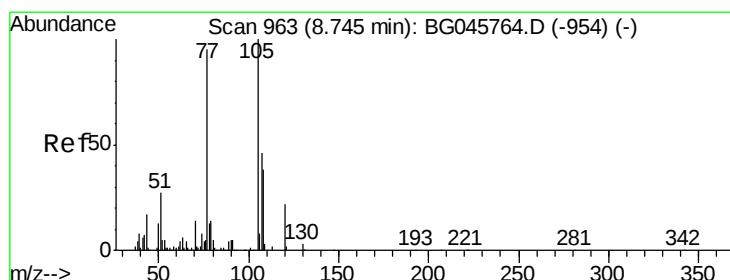
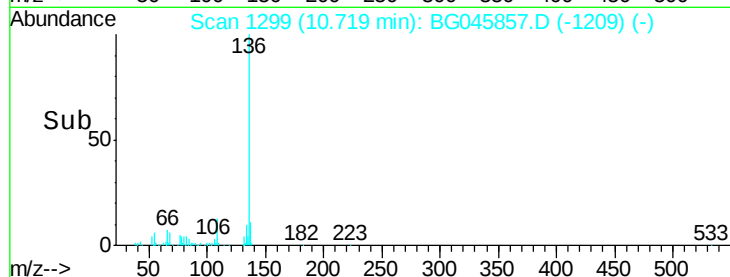
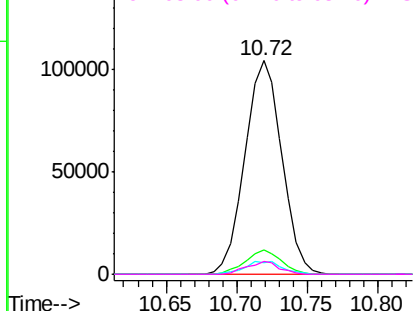
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 191317 |       |       |
| 137     | 11.5  | 8.7    | 13.1  |       |
| 54      | 5.7   | 5.8    | 8.6#  |       |
| 68      | 6.0   | 4.0    | 6.0   |       |

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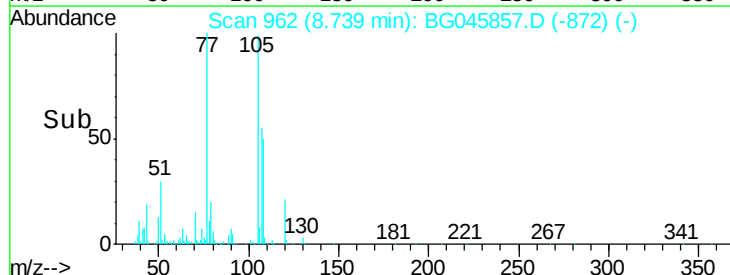
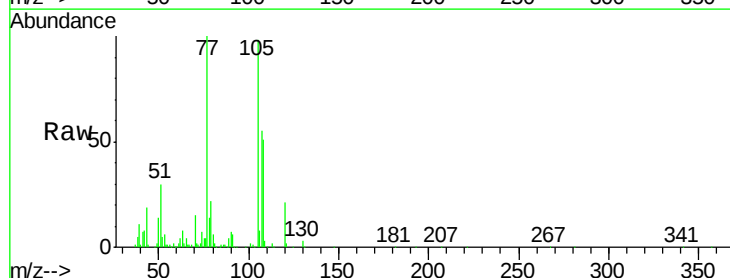
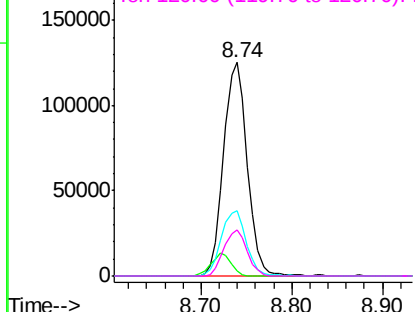
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

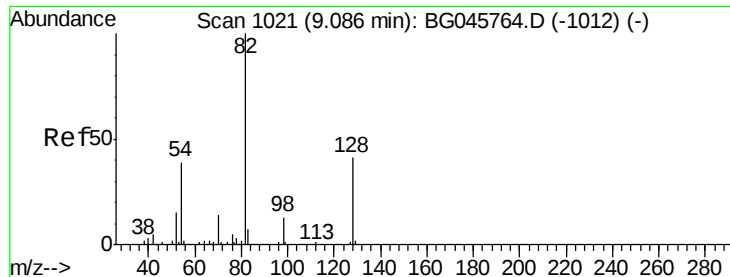


#22  
Acetophenone  
Concen: 43.253 ng  
RT: 8.74 min Scan# 962  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 227126 |       |       |
| 71      | 2.4   | 1.8    | 2.8   |       |
| 51      | 30.4  | 21.9   | 32.9  |       |
| 120     | 21.5  | 17.3   | 25.9  |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E





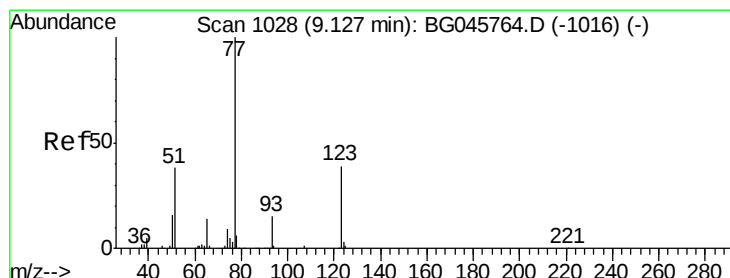
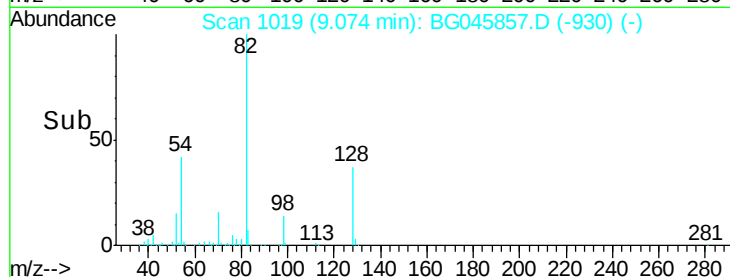
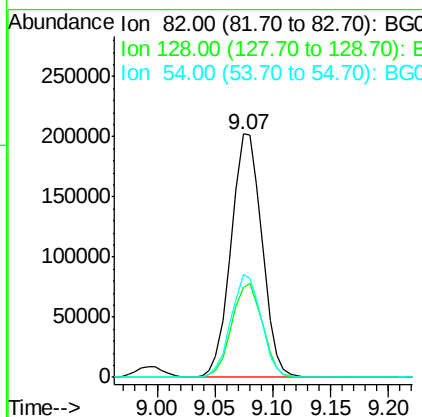
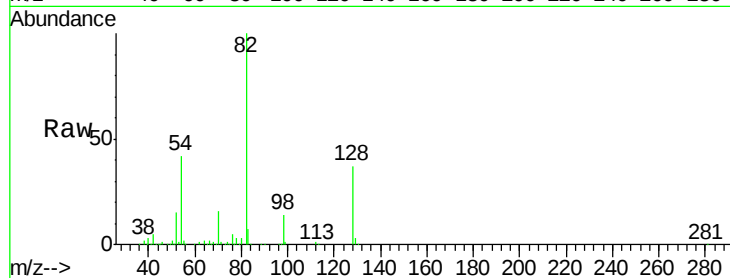
#23  
Nitrobenzene-d5  
Concen: 89.651 ng  
RT: 9.07 min Scan# 1019  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion   | 82   | Resp  | 375448 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 128       | 37.1 | 32.5  | 48.7   |
| 54        | 42.3 | 31.2  | 46.8   |

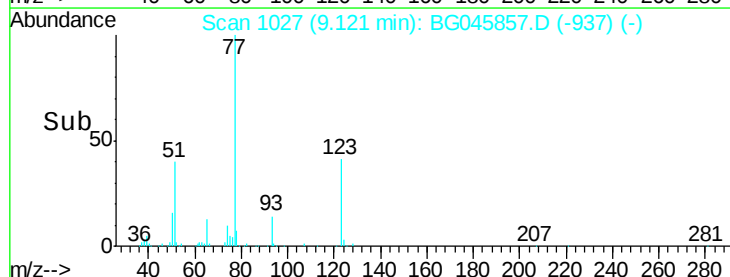
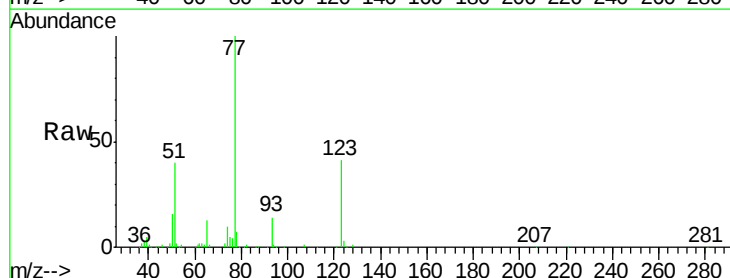
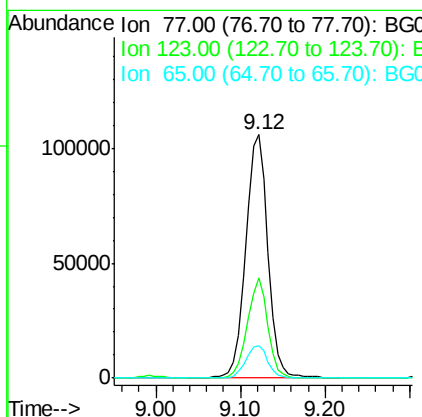
Manual Integrations  
APPROVED

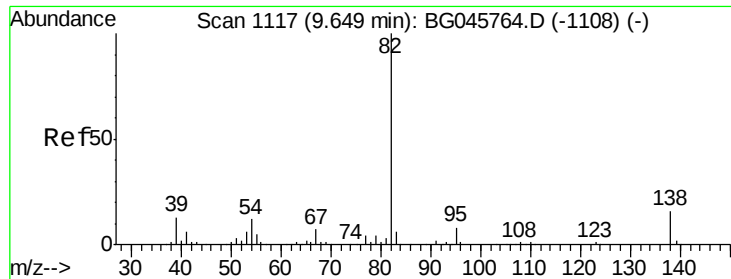
mohammad  
6/26/2020 12:37:22 PM



#24  
Nitrobenzene  
Concen: 43.294 ng  
RT: 9.12 min Scan# 1027  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion   | 77   | Resp  | 193320 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 77        | 100  |       |        |
| 123       | 40.9 | 31.2  | 46.8   |
| 65        | 13.2 | 11.4  | 17.2   |





#25

Isophorone

Concen: 41.169 ng

RT: 9.64 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

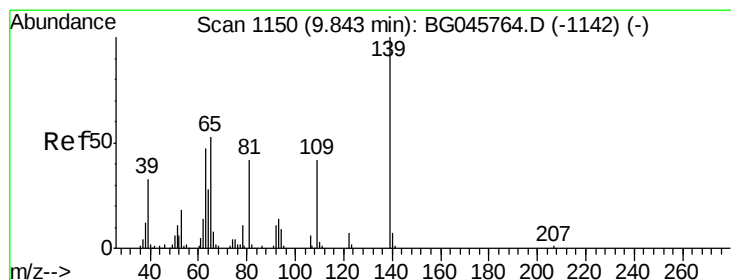
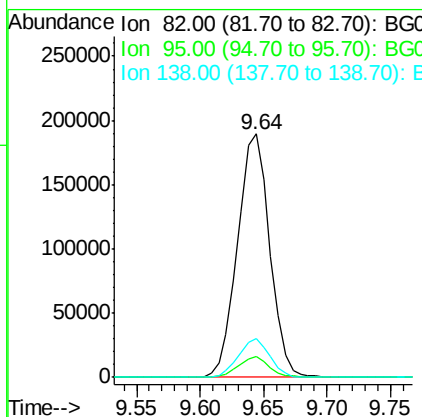
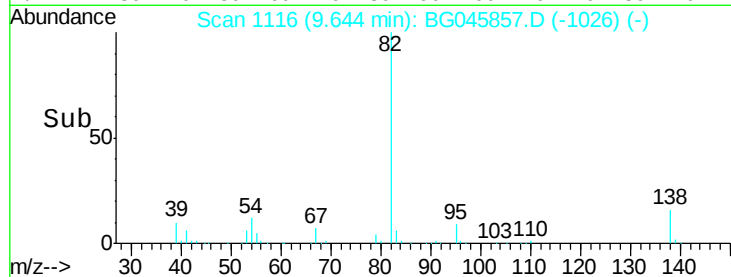
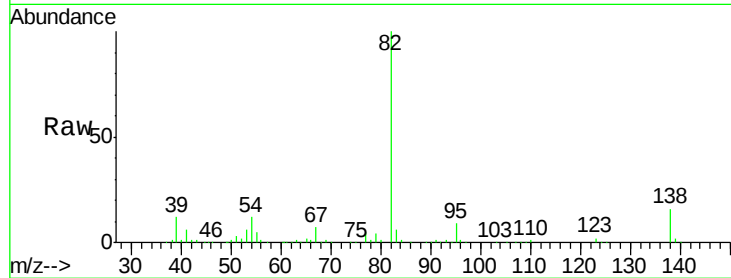
ClientSampleId :

PB129763BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 333774 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.6   | 6.2   | 9.4    |
| 138       | 16.1  | 12.6  | 18.8   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 45.925 ng

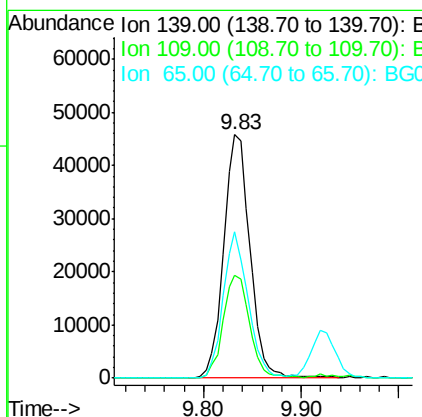
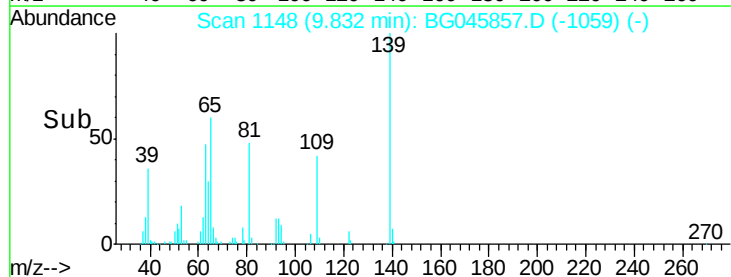
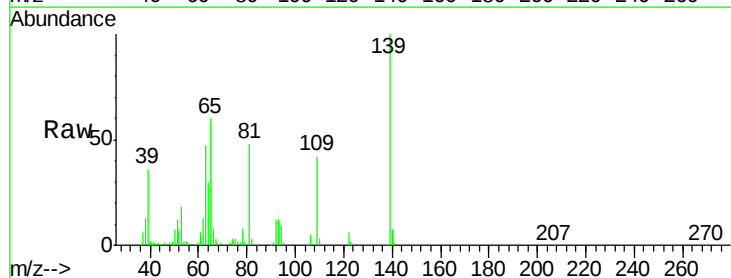
RT: 9.83 min Scan# 1148

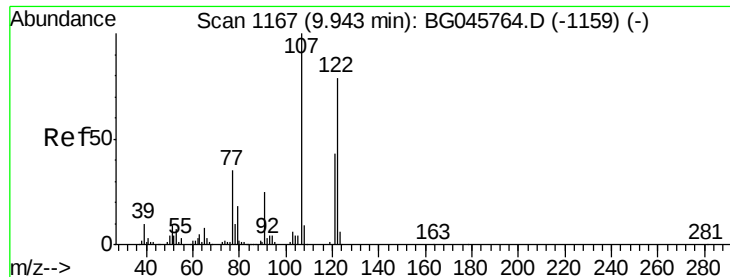
Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 85434 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 42.1  | 33.5  | 50.3  |
| 65        | 60.3  | 42.2  | 63.4  |





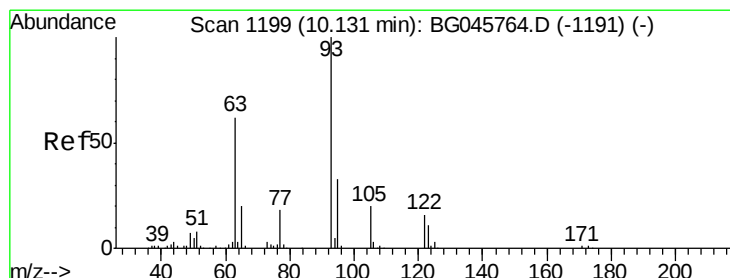
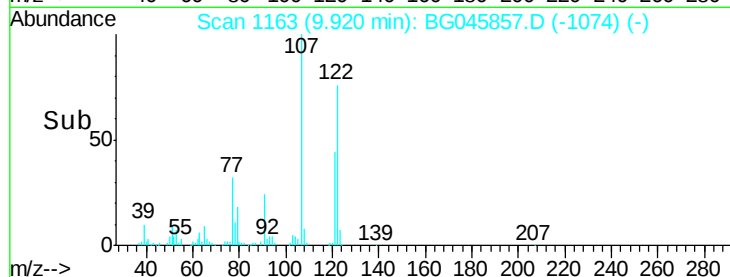
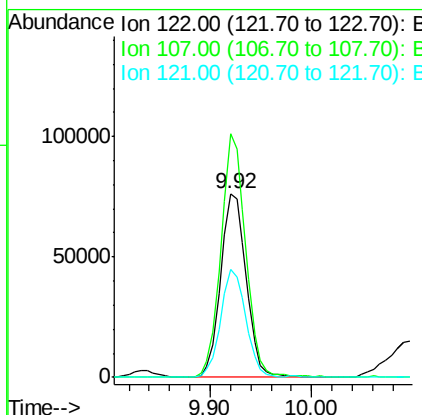
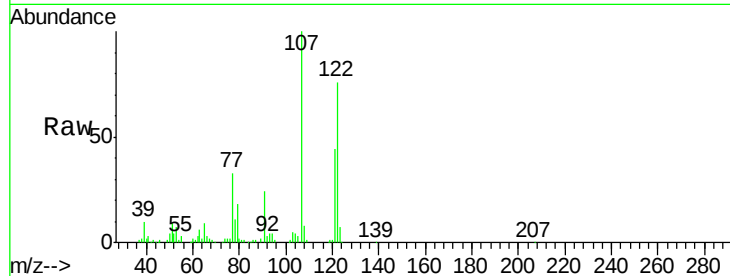
#27  
 2,4-Dimethylphenol  
 Concen: 47.118 ng  
 RT: 9.92 min Scan# 1163  
 Delta R.T. -0.00 min  
 Lab File: BG045857.D  
 Acq: 25 Jun 2020 14:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129763BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 132.4 | 101.3 | 151.9 |
| 121     | 58.7  | 43.9  | 65.9  |

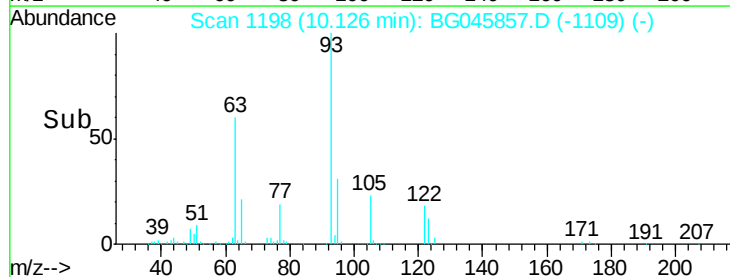
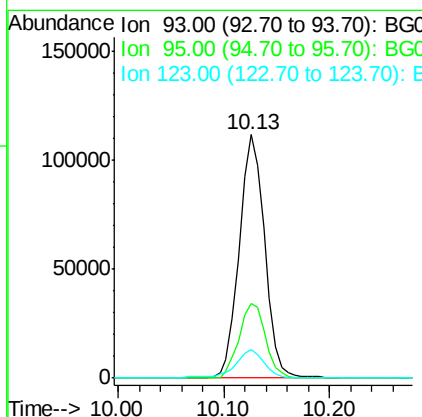
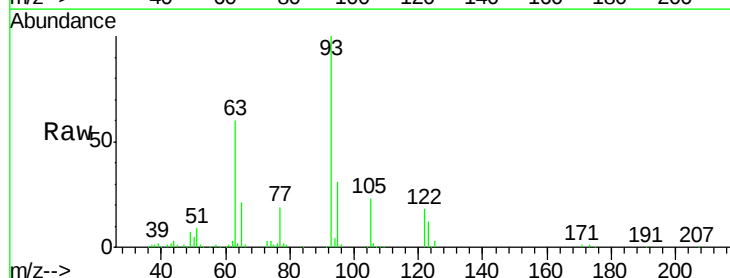
Manual Integrations  
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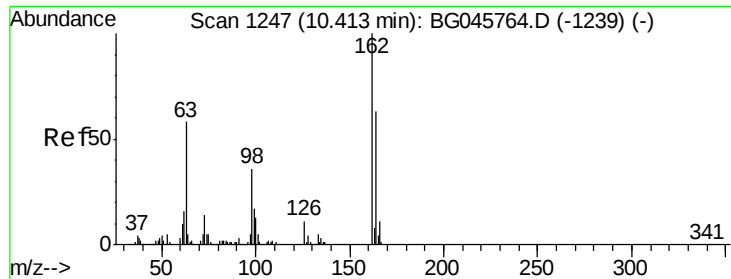
mohammad  
 6/26/2020 12:37:22 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.971 ng  
 RT: 10.13 min Scan# 1198  
 Delta R.T. -0.00 min  
 Lab File: BG045857.D  
 Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.9  | 26.3  | 39.5  |
| 123     | 12.0  | 9.3   | 13.9  |





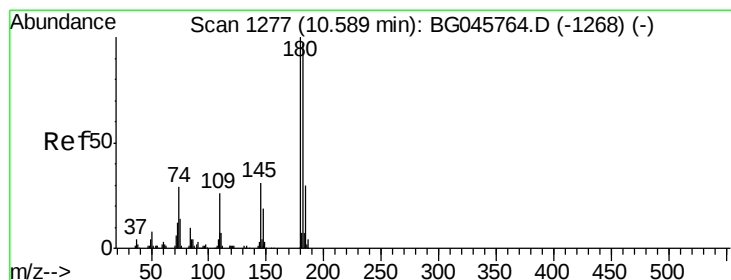
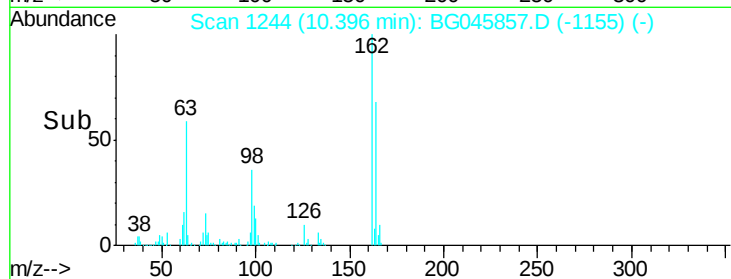
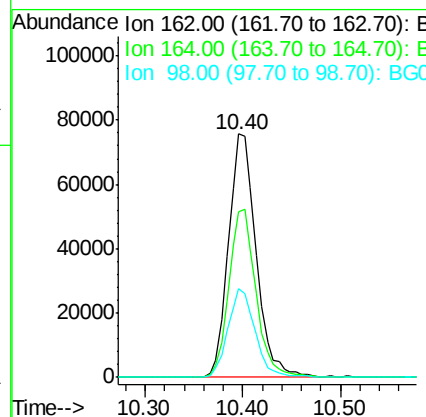
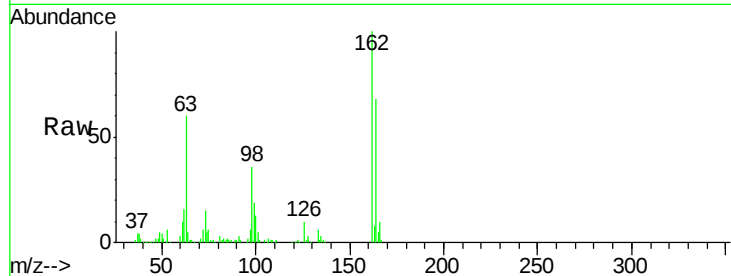
#29  
2,4-Dichlorophenol  
Concen: 44.858 ng  
RT: 10.40 min Scan# 1244  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 148646 |       |       |
| 164     | 68.1  | 43.3   | 83.3  |       |
| 98      | 36.2  | 15.5   | 55.5  |       |

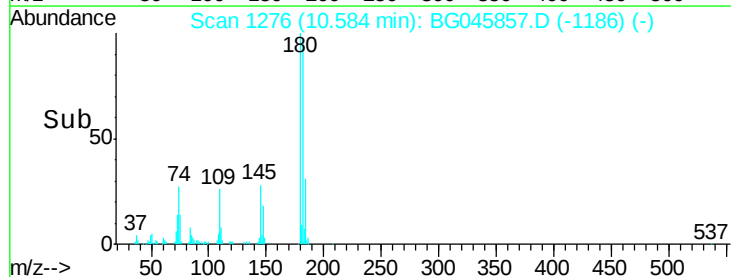
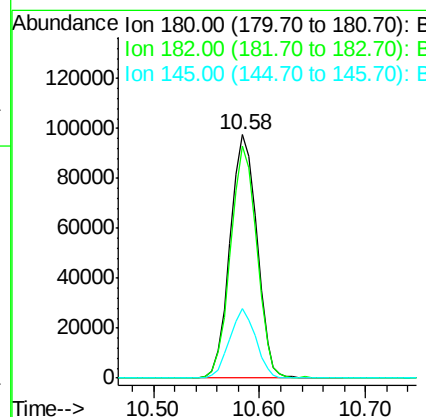
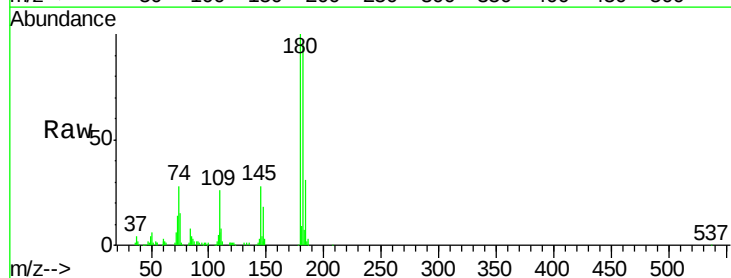
Manual Integrations  
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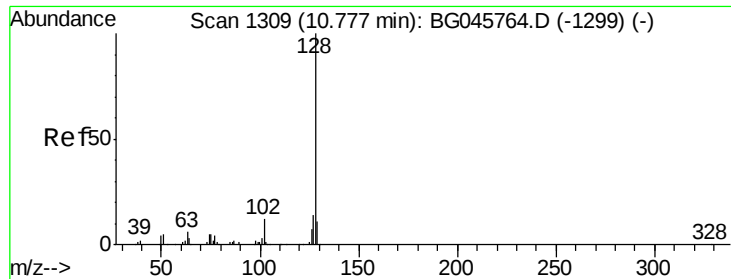
mohammad  
6/26/2020 12:37:22 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 43.809 ng  
RT: 10.58 min Scan# 1276  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 171857 |       |       |
| 182     | 95.4  | 77.8   | 116.6 |       |
| 145     | 28.4  | 24.5   | 36.7  |       |





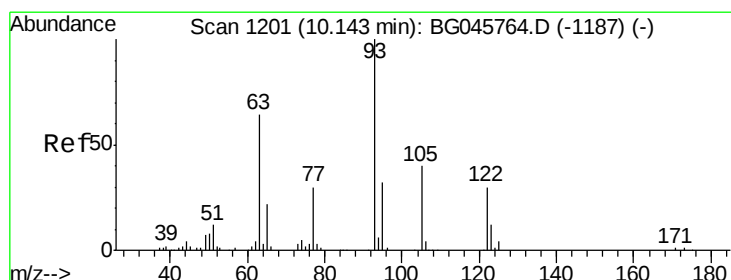
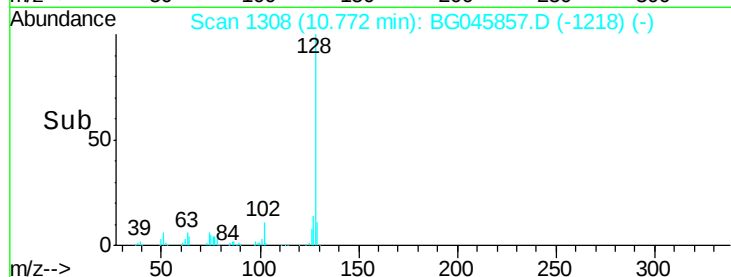
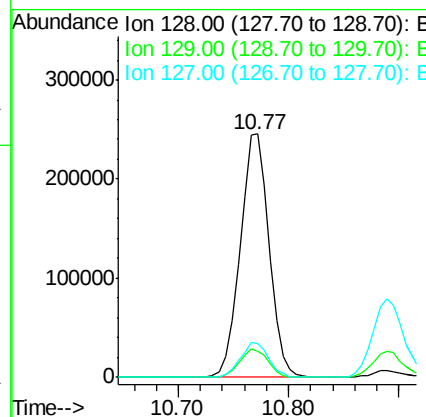
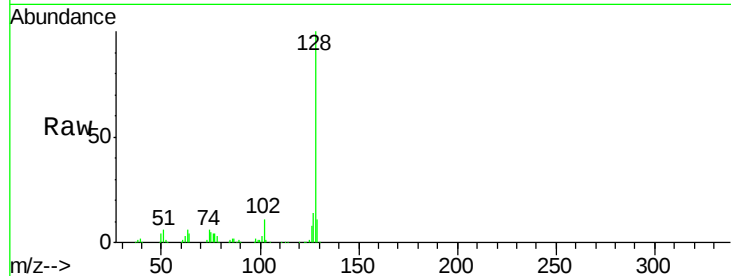
#31  
Naphthalene  
Concen: 43.054 ng  
RT: 10.77 min Scan# 1308  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 10.9  | 8.6  | 13.0  |       |
| 127     | 13.6  | 10.9 | 16.3  |       |

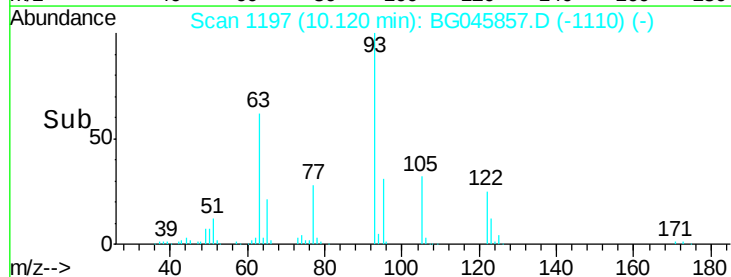
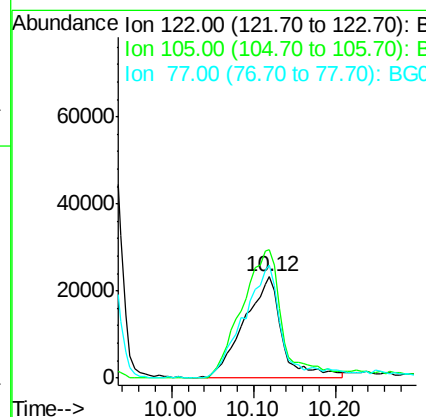
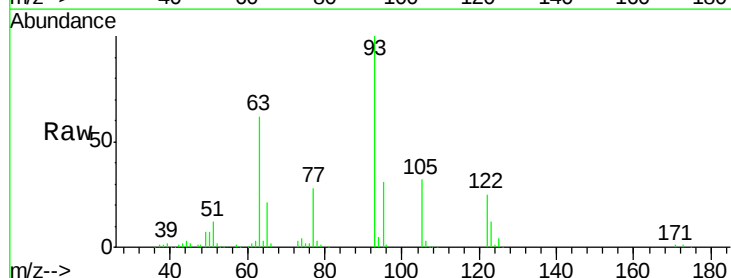
Manual Integrations  
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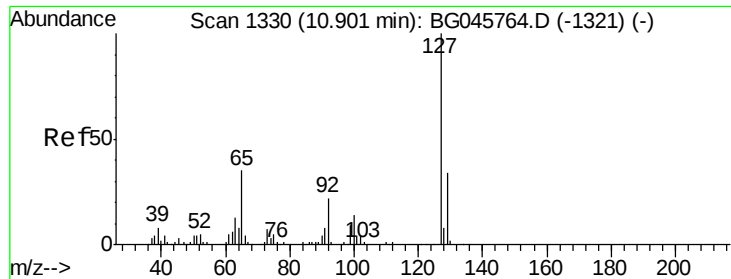
mohammad  
6/26/2020 12:37:22 PM



#32  
Benzoic acid  
Concen: 41.362 ng  
RT: 10.12 min Scan# 1197  
Delta R.T. -0.02 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 126.2 | 112.9 | 152.9 |       |
| 77      | 111.5 | 79.2  | 119.2 |       |





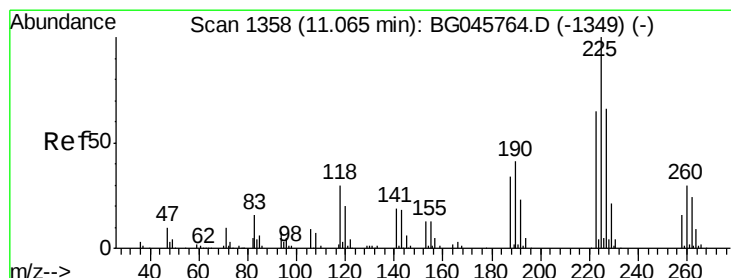
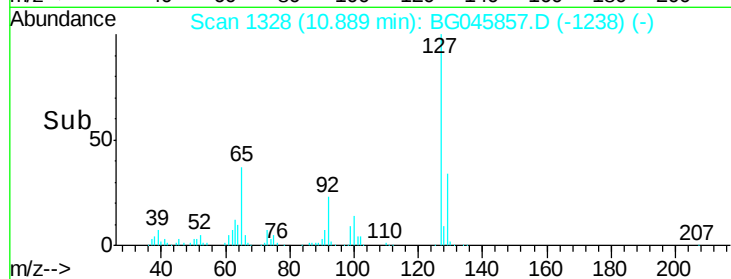
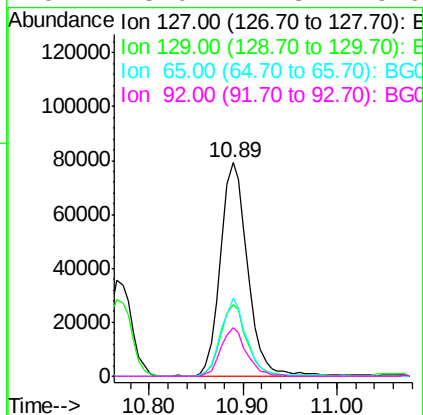
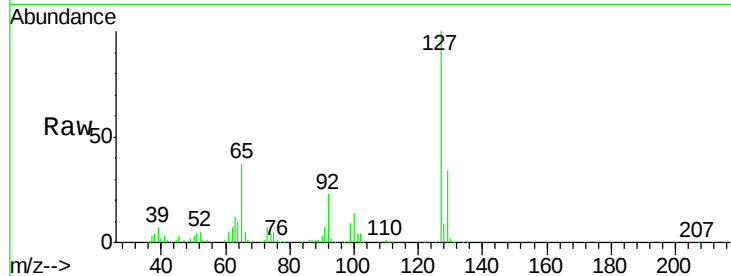
#33  
4-Chloroaniline  
Concen: 36.612 ng  
RT: 10.89 min Scan# 1328  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 160368 |       |       |
| 129     | 33.6  | 26.8   | 40.2  |       |
| 65      | 36.6  | 27.8   | 41.8  |       |
| 92      | 23.0  | 17.3   | 25.9  |       |

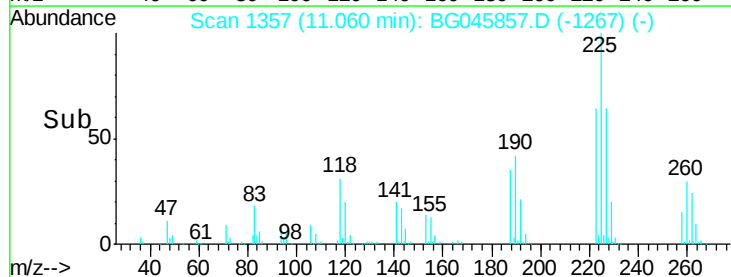
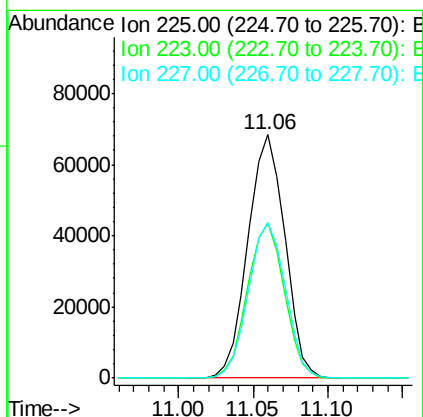
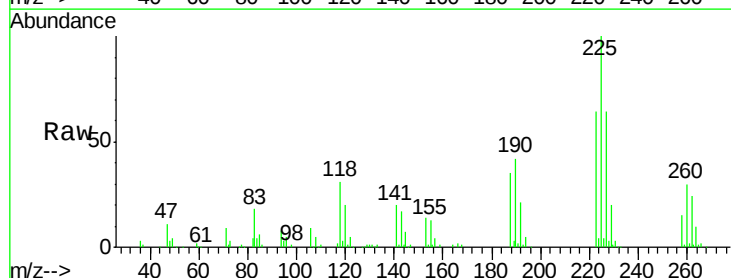
Manual Integrations  
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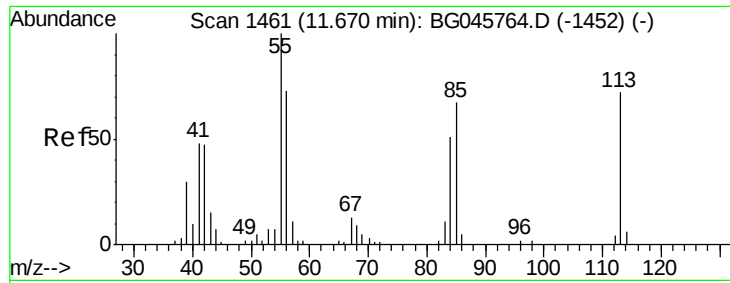
mohammad  
6/26/2020 12:37:22 PM



#34  
Hexachlorobutadiene  
Concen: 41.934 ng  
RT: 11.06 min Scan# 1357  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 116992 |       |       |
| 223     | 63.7  | 52.0   | 78.0  |       |
| 227     | 63.7  | 52.5   | 78.7  |       |





#35

Caprolactam

Concen: 44.968 ng/ml

RT: 11.66 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

ClientSampleId :

PB129763BS

Tot Ion:113 Resp: 48220

Ion Ratio Lower Upper

113 100

55 131.9 119.7 159.7

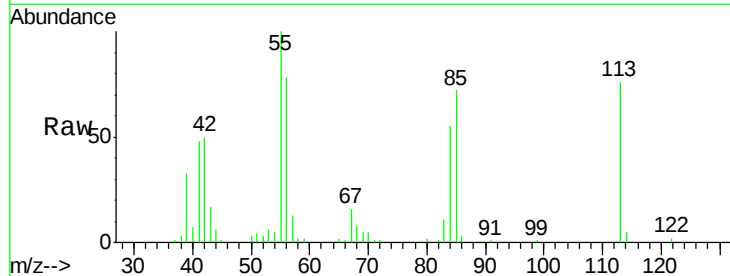
56 102.7 82.5 122.5

Manual Integrations

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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

20000

15000

10000

5000

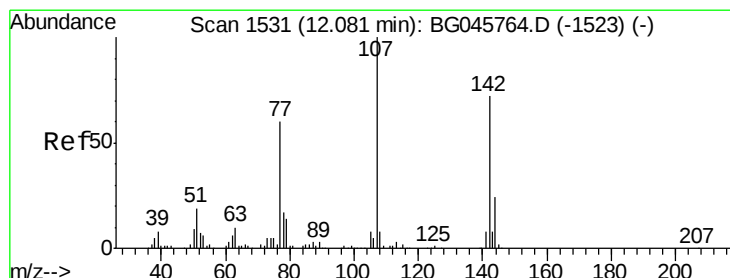
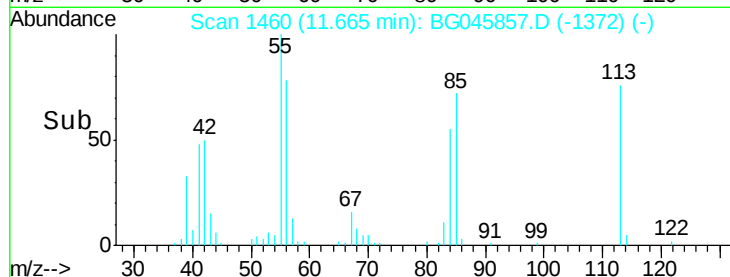
0

11.60

11.66

11.80

Time-->



#36

4-Chloro-3-methylphenol

Concen: 43.554 ng/ml

RT: 12.05 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

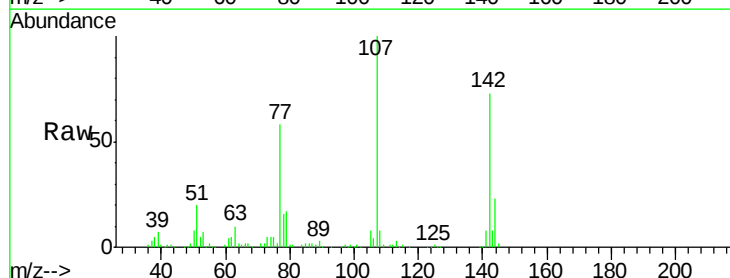
Tgt Ion:107 Resp: 166637

Ion Ratio Lower Upper

107 100

144 23.1 19.5 29.3

142 73.2 57.4 86.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

120000

100000

80000

60000

40000

20000

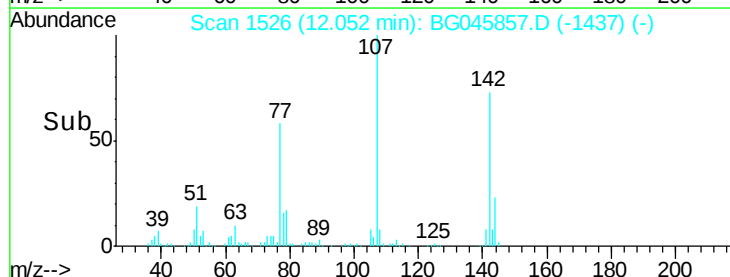
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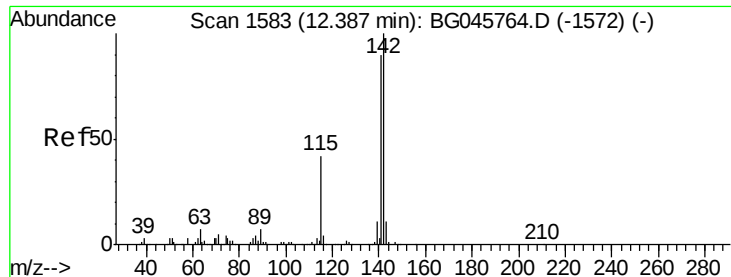
12.00

12.05

12.10

Time-->





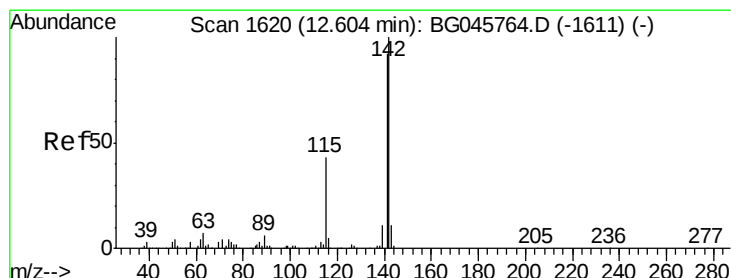
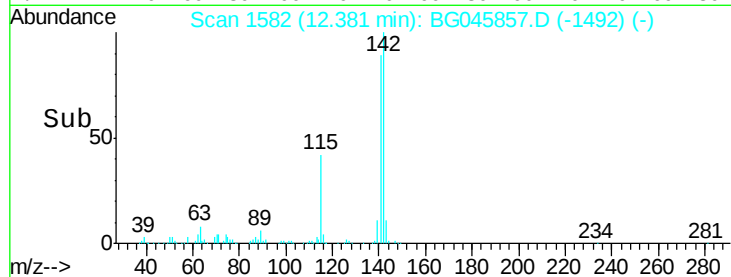
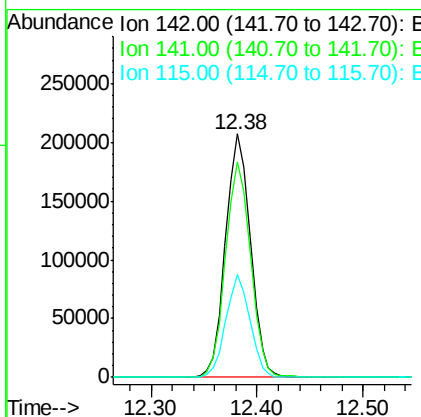
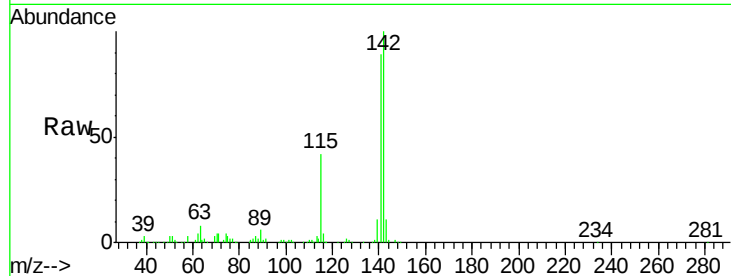
#37  
2-Methylnaphthalene  
Concen: 43.585 ng  
RT: 12.38 min Scan# 1582  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 142     | 100  |       | 339467 |       |       |
| 141     | 88.7 | 71.7  | 107.5  |       |       |
| 115     | 42.0 | 33.8  | 50.6   |       |       |

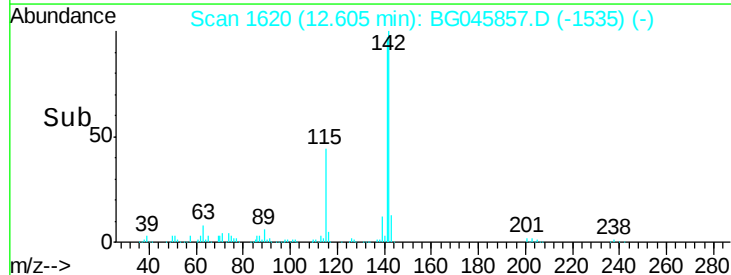
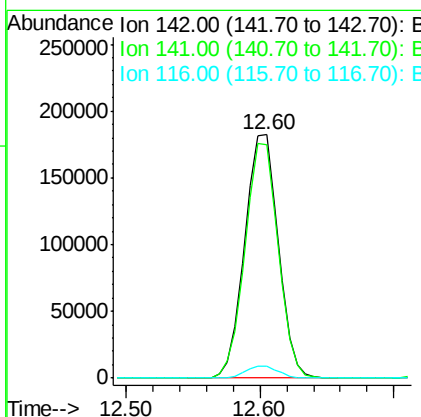
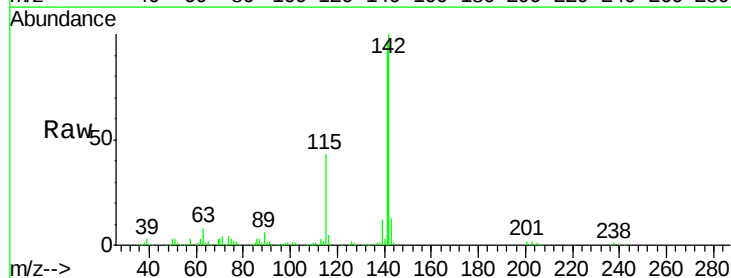
Manual Integrations  
APPROVED

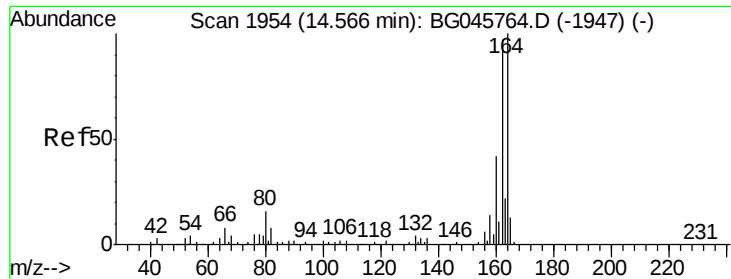
mohammad  
6/26/2020 12:37:22 PM



#38  
1-Methylnaphthalene  
Concen: 42.843 ng  
RT: 12.60 min Scan# 1620  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 142     | 100  |       | 315772 |       |       |
| 141     | 95.8 | 73.8  | 110.8  |       |       |
| 116     | 4.8  | 3.8   | 5.8    |       |       |





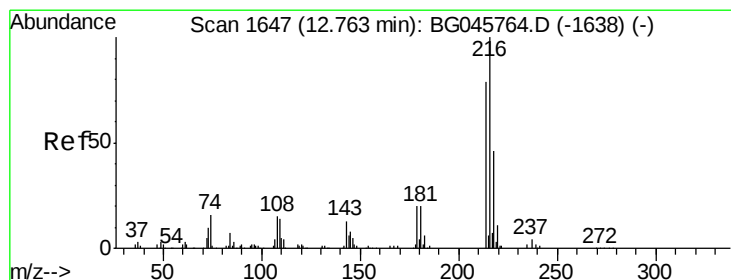
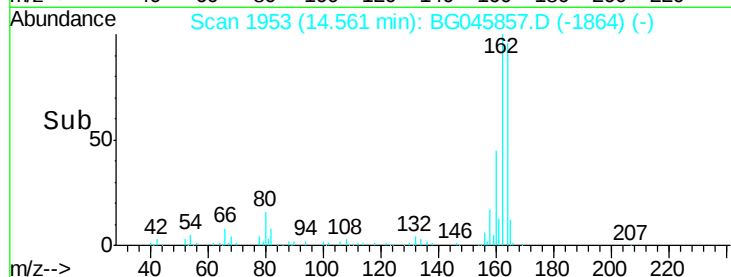
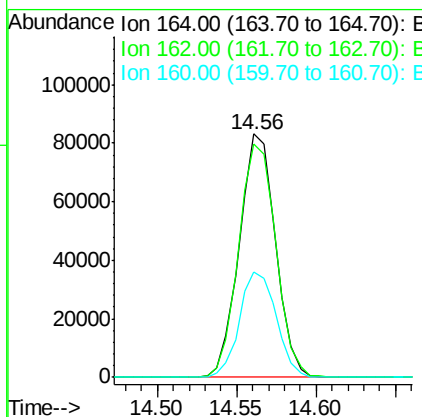
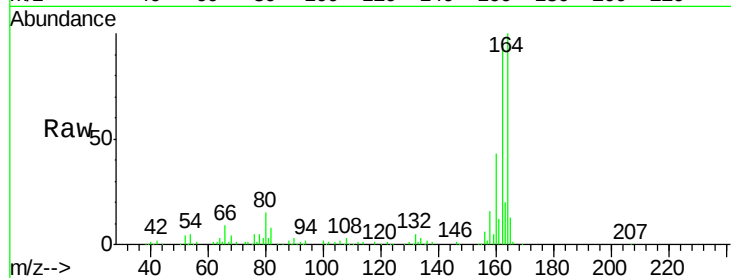
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.56 min Scan# 1953  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 96.0  | 77.4  | 116.0 |
| 160     | 43.3  | 33.3  | 49.9  |

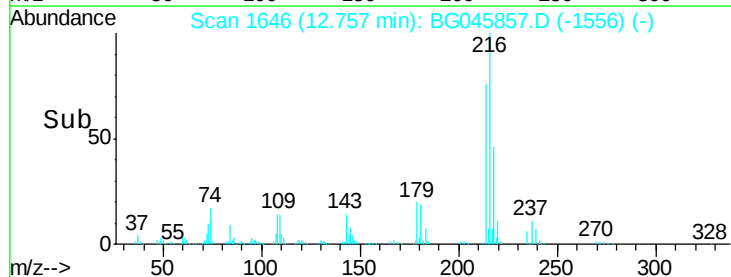
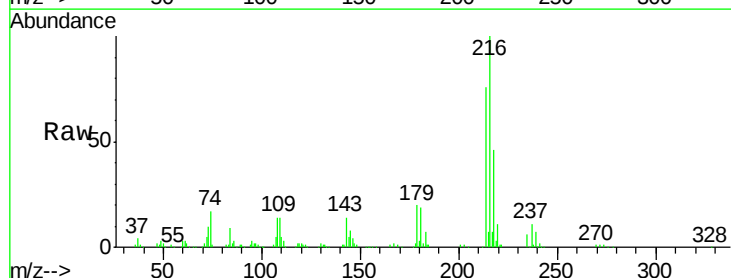
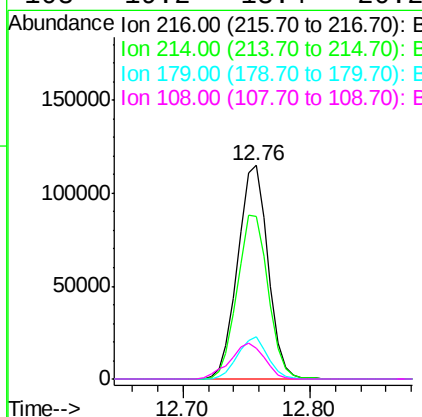
Manual Integrations  
APPROVED

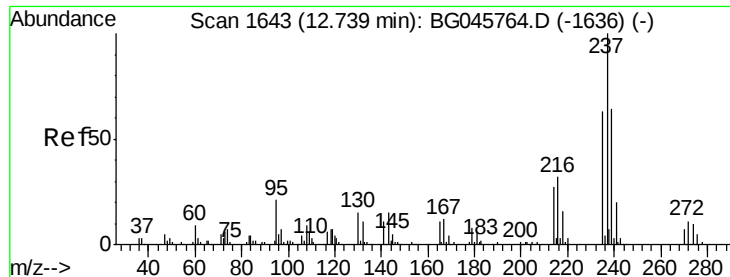
mohammad  
6/26/2020 12:37:22 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.930 ng  
RT: 12.76 min Scan# 1646  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.4  | 62.8  | 94.2  |
| 179     | 19.5  | 16.2  | 24.4  |
| 108     | 19.2  | 13.4  | 20.2  |





#41

Hexachlorocyclopentadiene

Concen: 90.201 ng

RT: 12.73 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

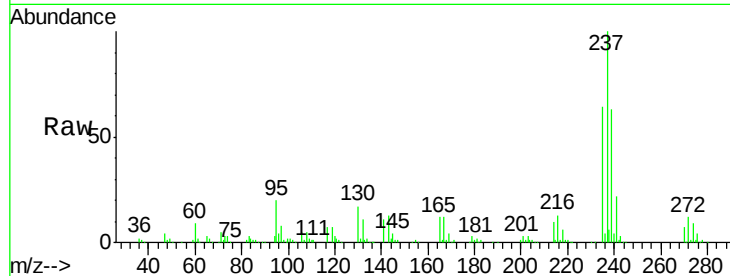
ClientSampleId :

PB129763BS

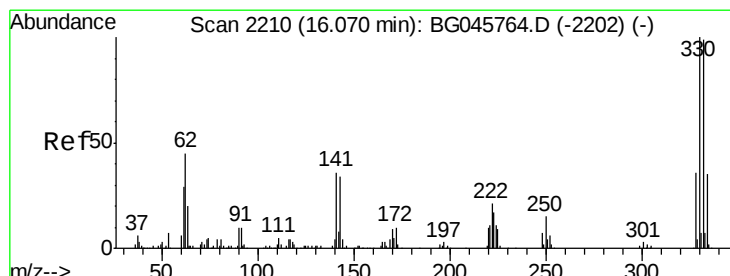
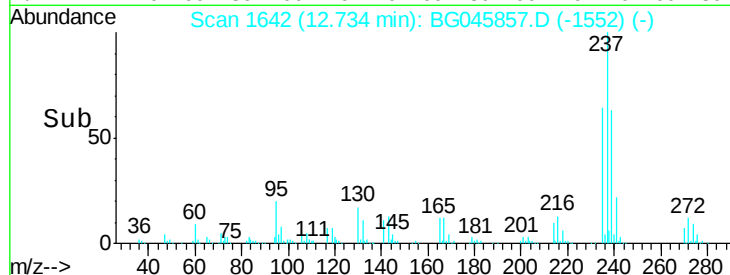
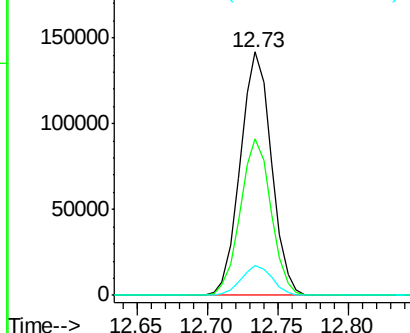
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 218832 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 64.4  | 42.9  | 82.9   |
| 272       | 12.2  | 0.0   | 30.9   |

Manual Integrations  
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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: 130.469 ng

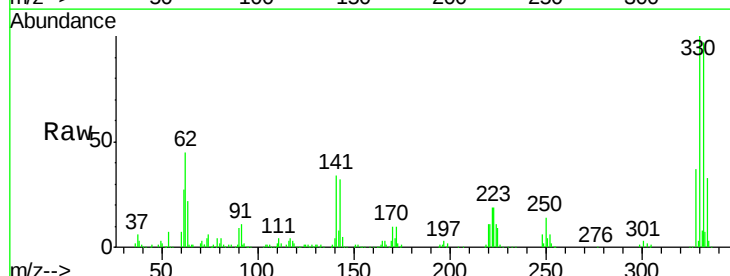
RT: 16.06 min Scan# 2209

Delta R.T. 0.00 min

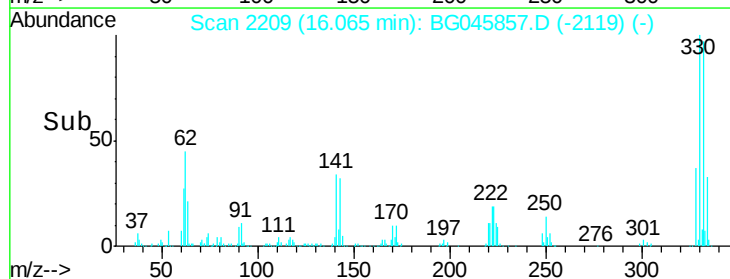
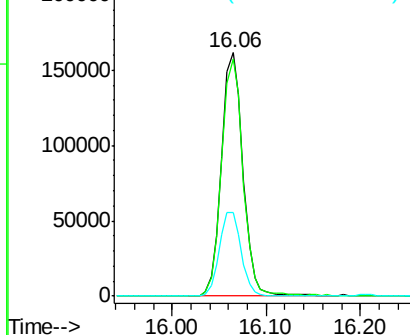
Lab File: BG045857.D

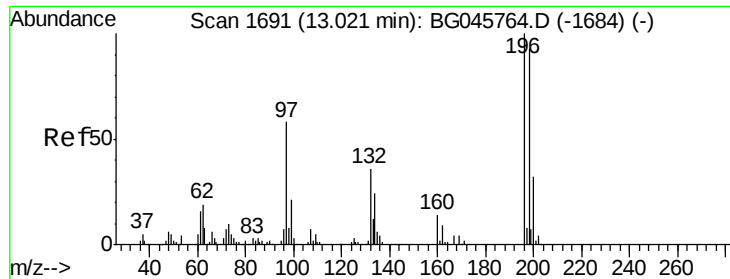
Acq: 25 Jun 2020 14:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 259286 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.6  | 78.6  | 117.8  |
| 141       | 34.8  | 28.2  | 42.4   |



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





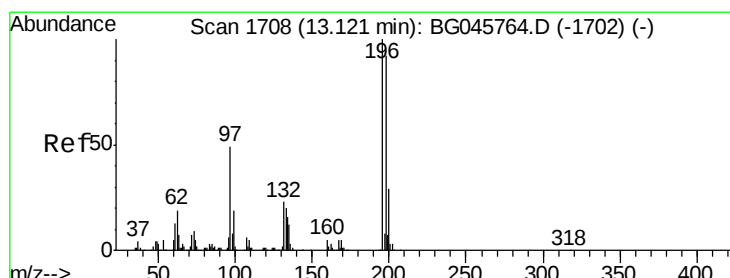
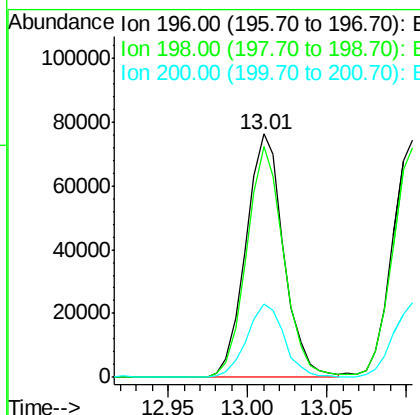
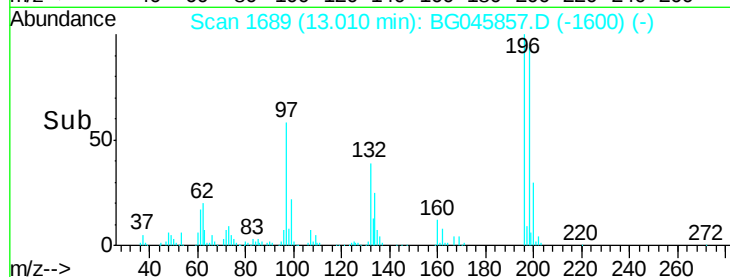
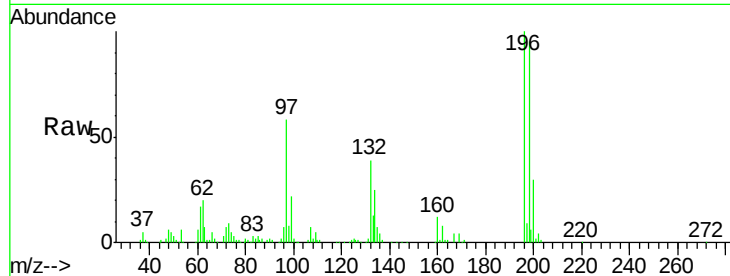
#43  
2,4,6-Trichlorophenol  
Concen: 42.996 ng  
RT: 13.01 min Scan# 1689  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 126353 |       |       |
| 198     | 94.6  | 74.4   | 111.6 |       |
| 200     | 30.1  | 25.4   | 38.2  |       |

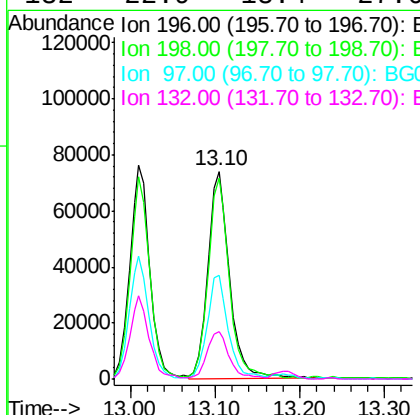
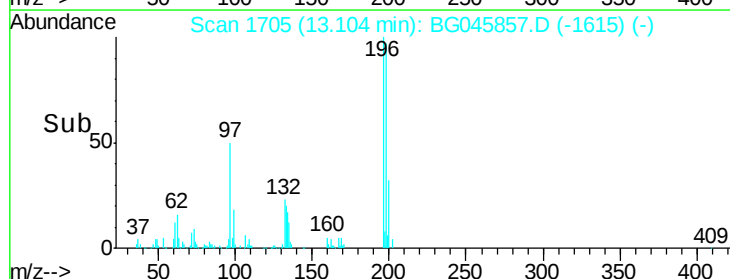
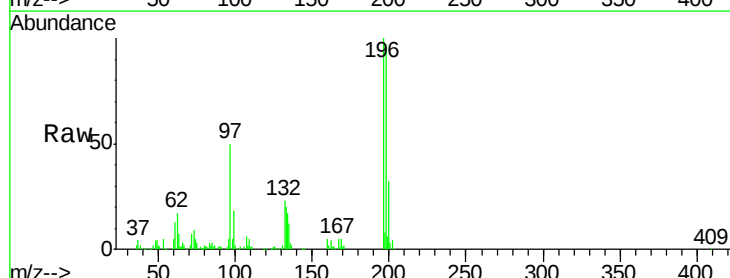
Manual Integrations  
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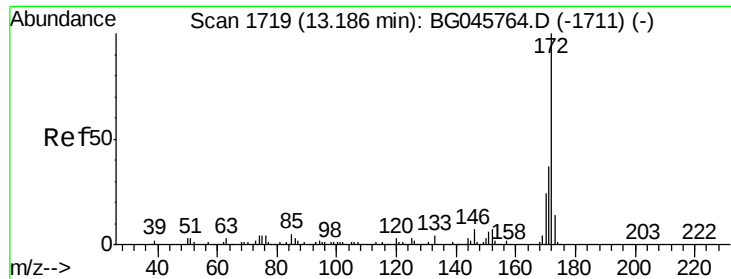
mohammad  
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#44  
2,4,5-Trichlorophenol  
Concen: 39.633 ng  
RT: 13.10 min Scan# 1705  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 132742 |       |       |
| 198     | 96.7  | 74.0   | 111.0 |       |
| 97      | 49.9  | 39.0   | 58.6  |       |
| 132     | 22.9  | 18.4   | 27.6  |       |





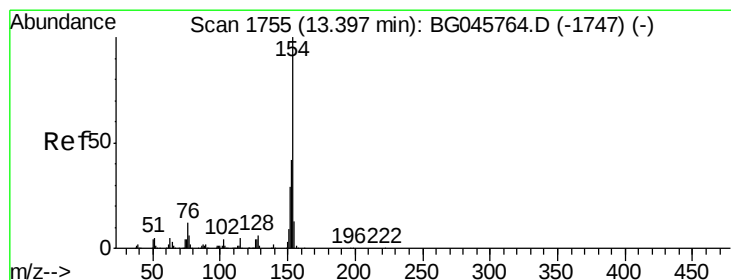
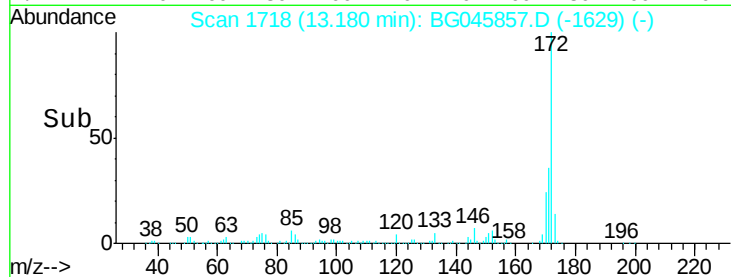
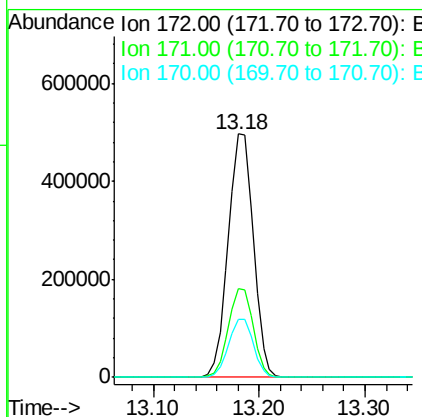
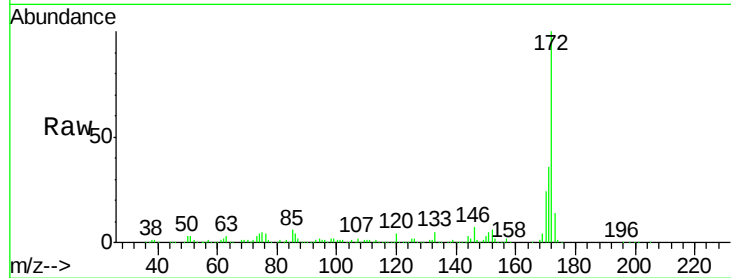
#45  
2-Fluorobiphenyl  
Concen: 91.188 ng  
RT: 13.18 min Scan# 1718  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 29.9  | 44.9  |
| 170     | 24.0  | 19.3  | 28.9  |

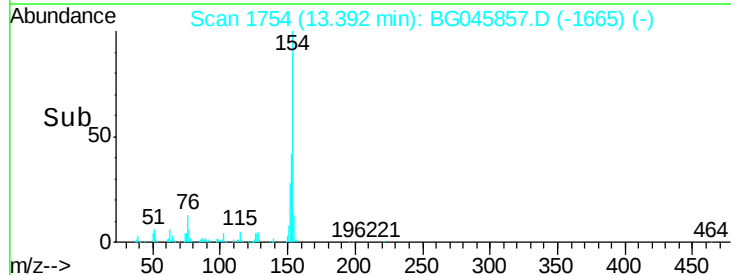
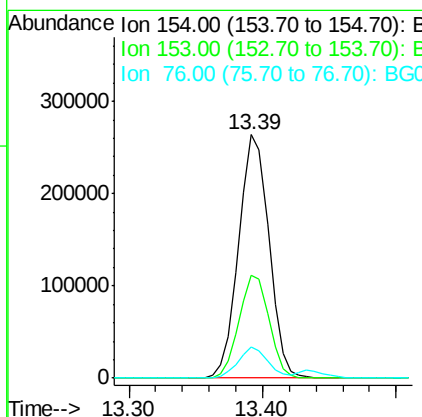
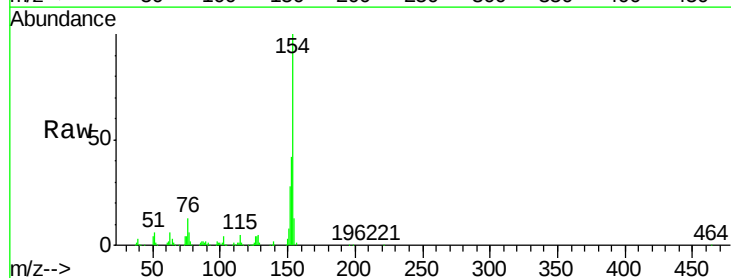
Manual Integrations  
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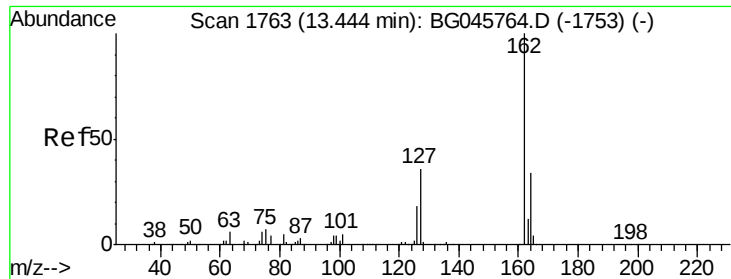
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 44.070 ng  
RT: 13.39 min Scan# 1754  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.4  | 21.7  | 61.7  |
| 76      | 12.7  | 0.0   | 32.0  |





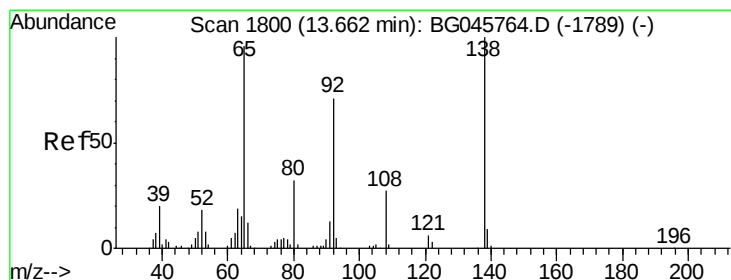
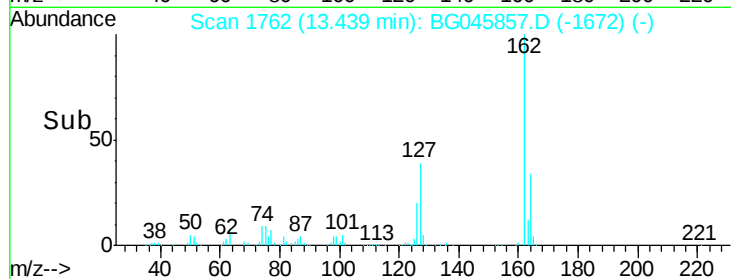
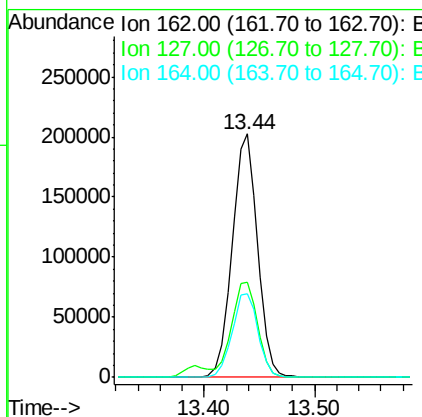
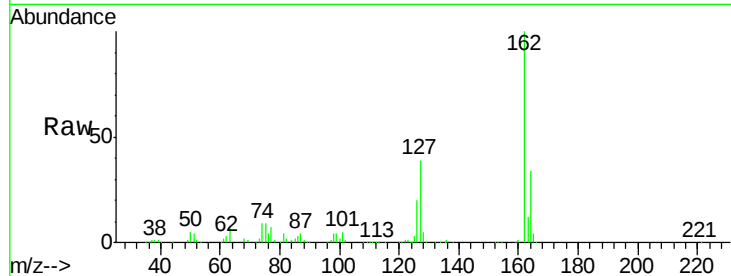
#47  
2-Chloronaphthalene  
Concen: 42.770 ng  
RT: 13.44 min Scan# 1762  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.9  | 30.5  | 45.7  |
| 164     | 34.2  | 27.2  | 40.8  |

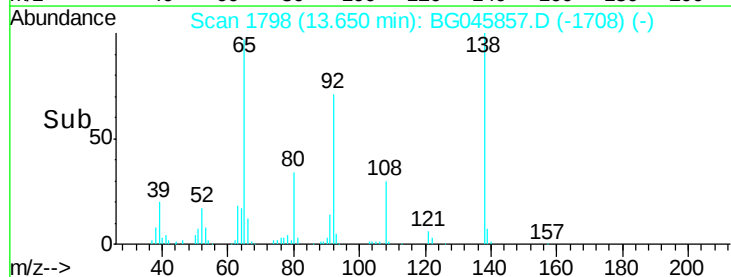
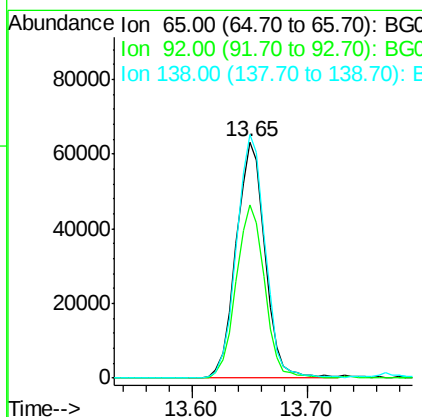
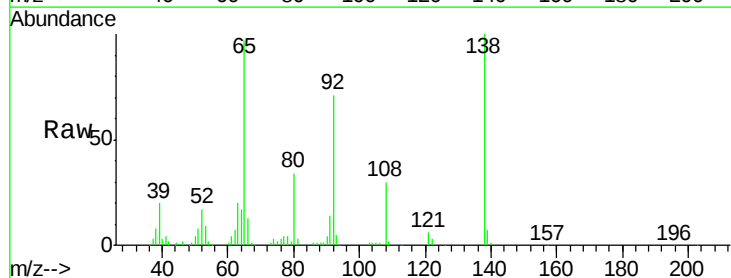
Manual Integrations  
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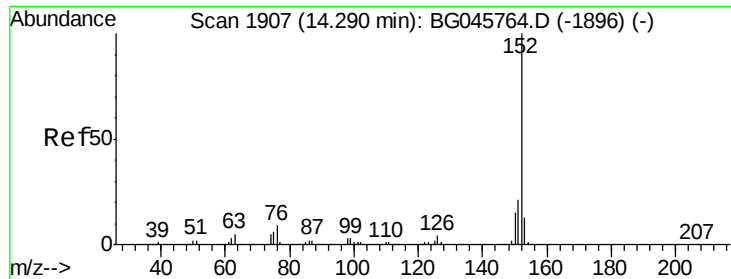
mohammad  
6/26/2020 12:37:22 PM



#48  
2-Nitroaniline  
Concen: 43.291 ng  
RT: 13.65 min Scan# 1798  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.2  | 59.0  | 88.6  |
| 138     | 103.1 | 83.6  | 125.4 |





#49

Acenaphthylene

Concen: 43.668 ng

RT: 14.28 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

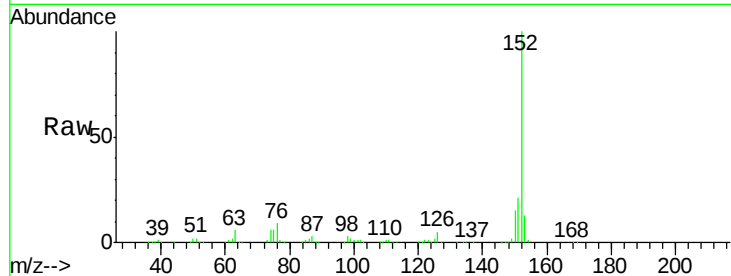
ClientSampleId :

PB129763BS

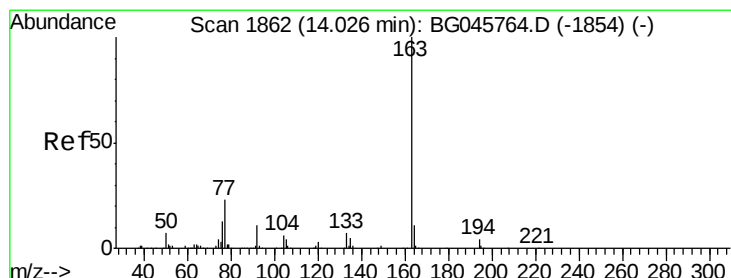
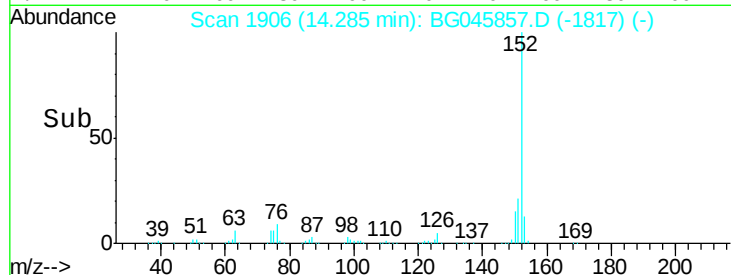
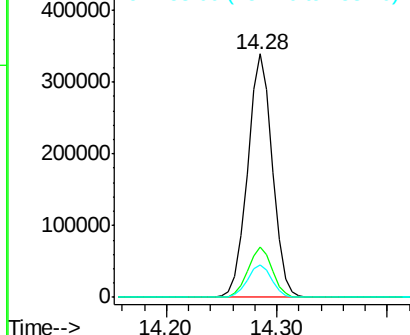
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.8  | 17.0  | 25.4  |
| 153     | 13.3  | 10.6  | 15.8  |

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



#50

Dimethylphthalate

Concen: 43.018 ng

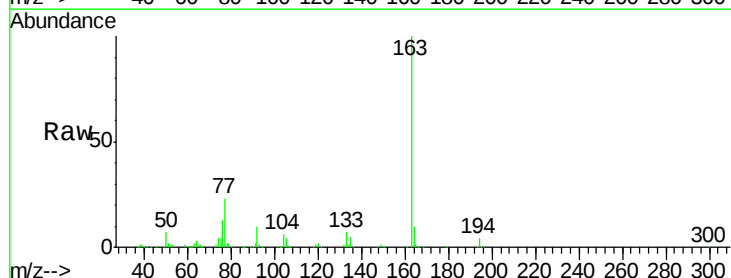
RT: 14.02 min Scan# 1861

Delta R.T. -0.00 min

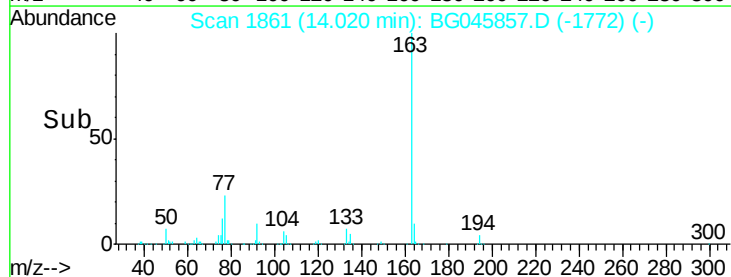
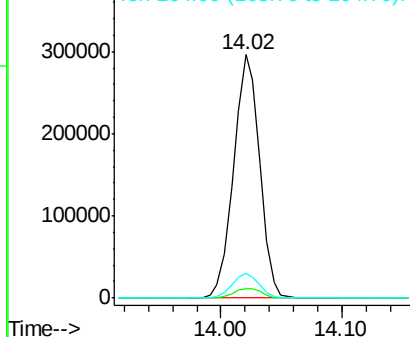
Lab File: BG045857.D

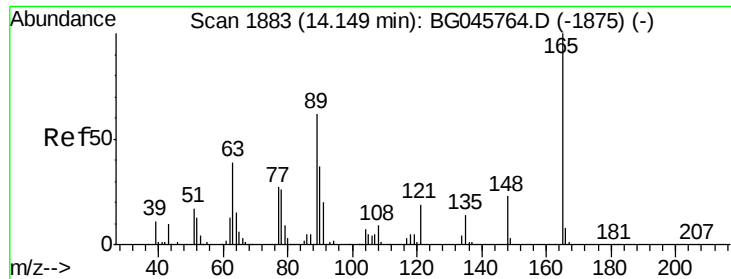
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.4   | 5.0   |
| 164     | 10.4  | 8.9   | 13.3  |



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.188 ng

RT: 14.14 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

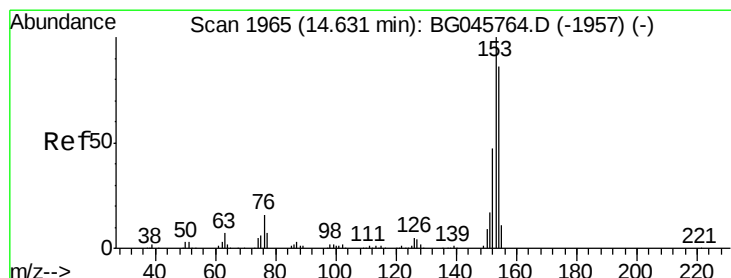
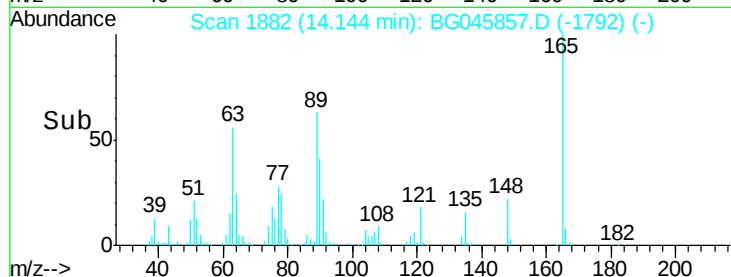
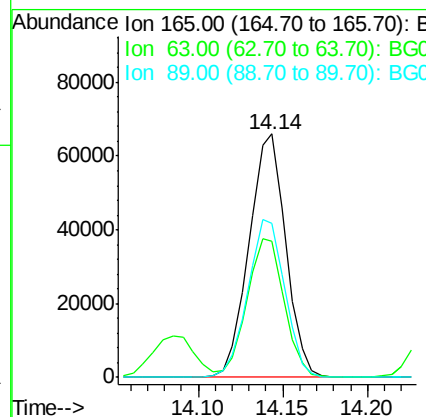
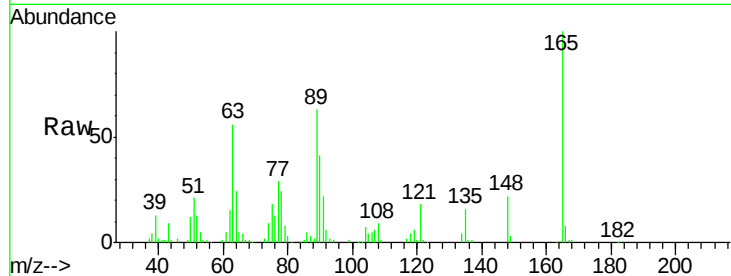
ClientSampleId :

PB129763BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 100029 |       |       |
| 63      | 56.1  | 41.2   | 61.8  |       |
| 89      | 63.2  | 49.7   | 74.5  |       |

Manual Integrations  
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#52

Acenaphthene

Concen: 43.131 ng

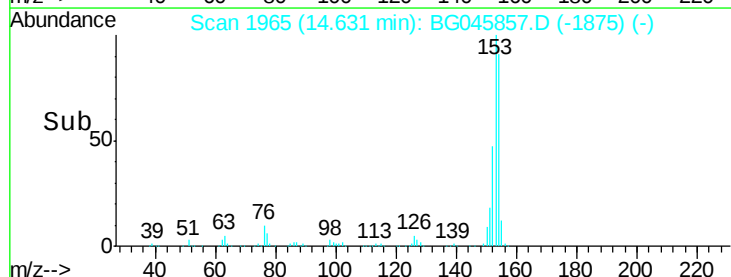
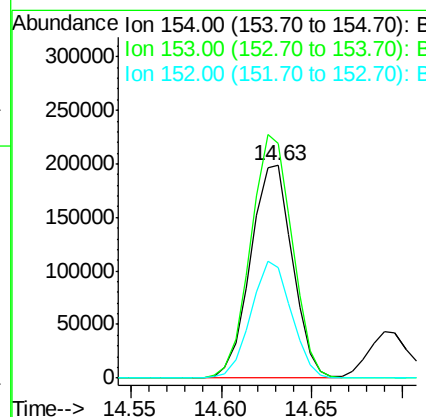
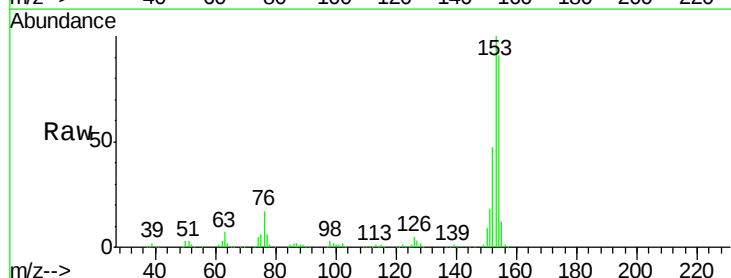
RT: 14.63 min Scan# 1965

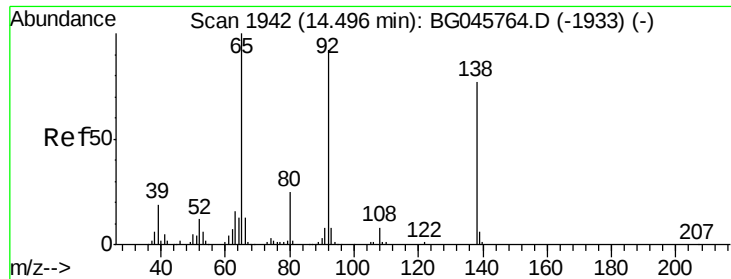
Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 318791 |       |       |
| 153     | 110.4 | 93.0   | 139.4 |       |
| 152     | 52.1  | 43.7   | 65.5  |       |





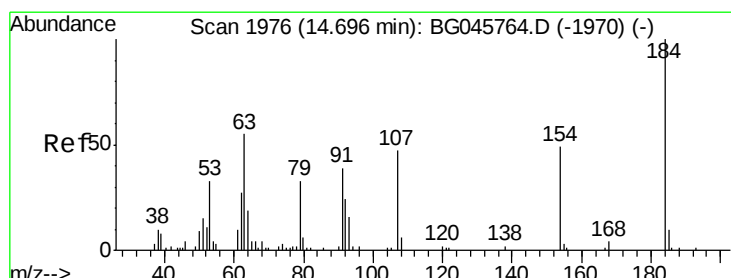
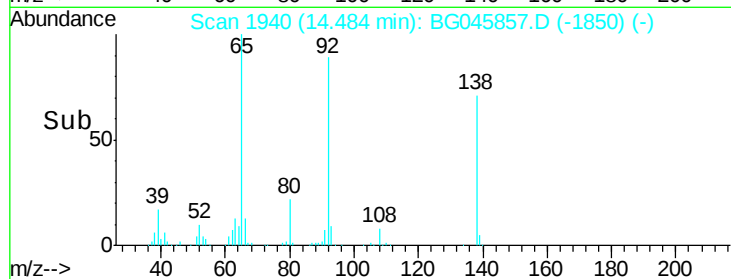
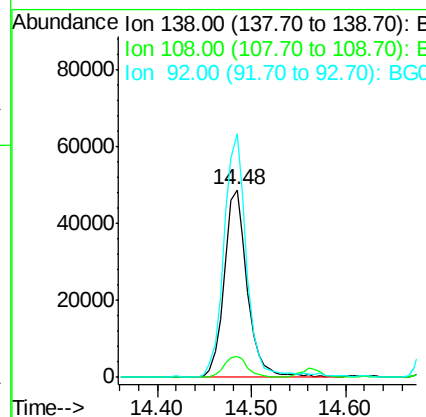
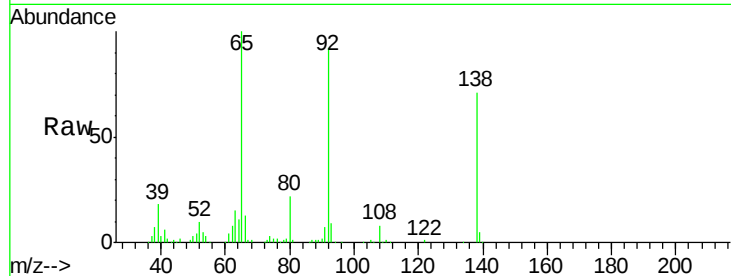
#53  
3-Nitroaniline  
Concen: 36.193 ng  
RT: 14.48 min Scan# 1940  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.3  | 8.4   | 12.6  |
| 92      | 129.7 | 95.6  | 143.4 |

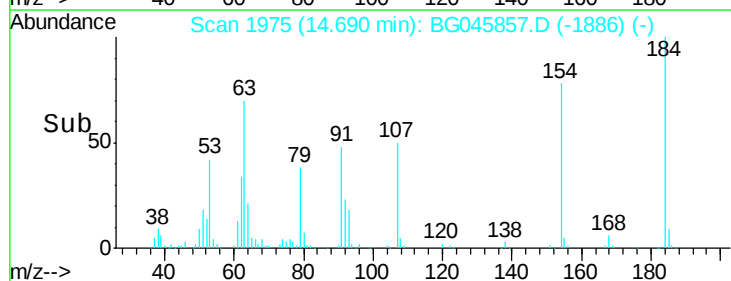
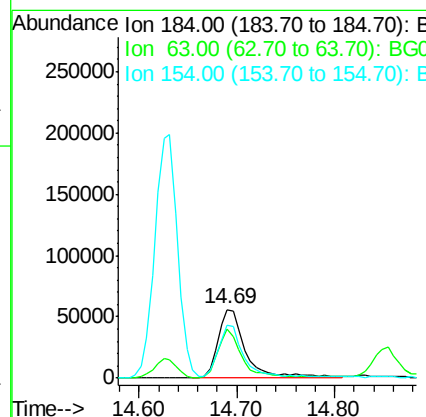
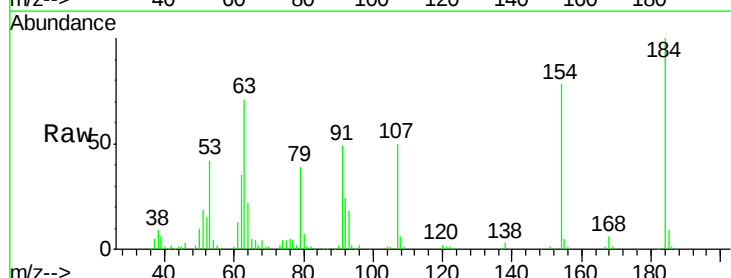
Manual Integrations  
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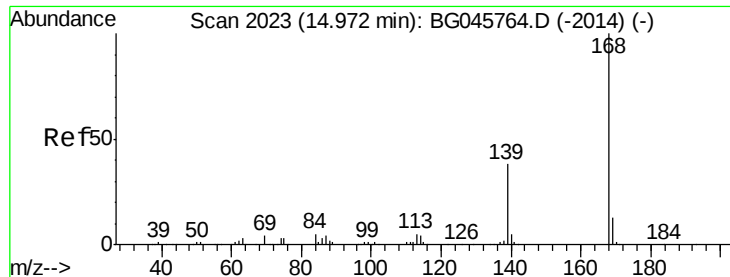
mohammad  
6/26/2020 12:37:22 PM



#54  
2,4-Dinitrophenol  
Concen: 84.911 ng  
RT: 14.69 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 71.5  | 46.6  | 70.0# |
| 154     | 77.6  | 58.6  | 87.8  |





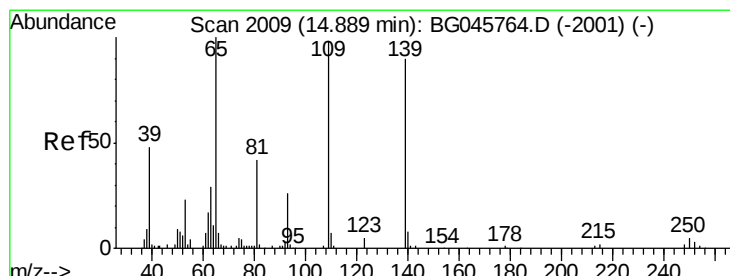
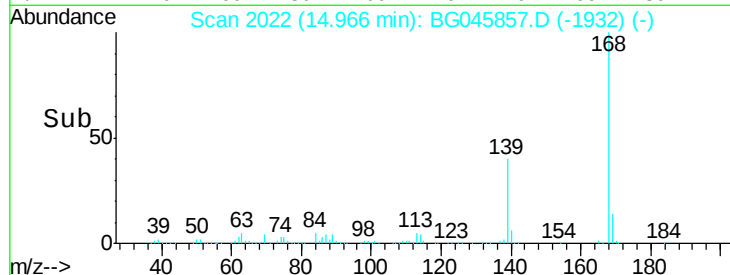
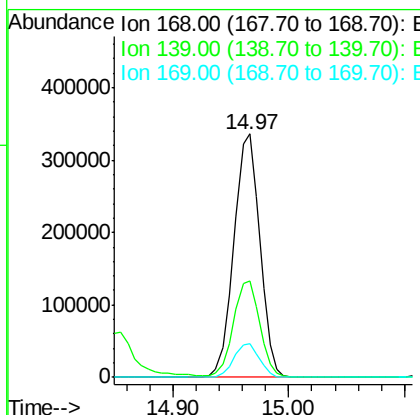
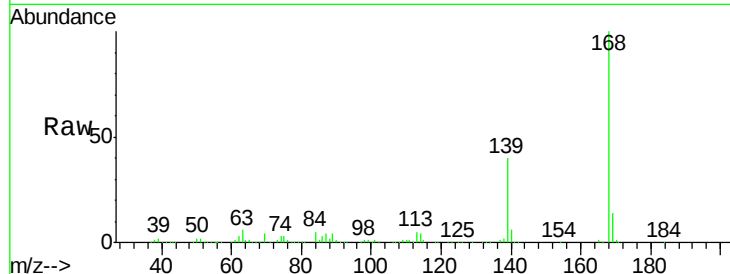
#55  
Dibenzenofuran  
Concen: 43.624 ng  
RT: 14.97 min Scan# 2022  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 523795 |       |       |
| 139     | 39.8  |        | 31.8  | 47.6  |
| 169     | 13.9  |        | 10.4  | 15.6  |

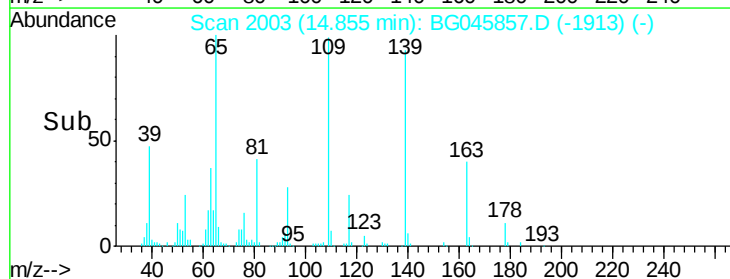
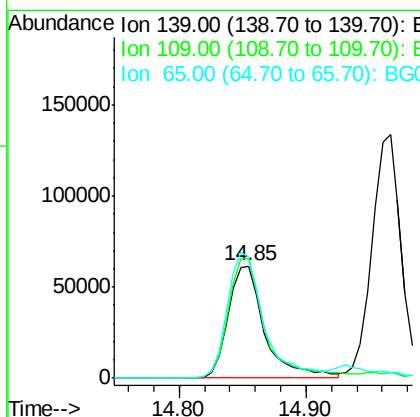
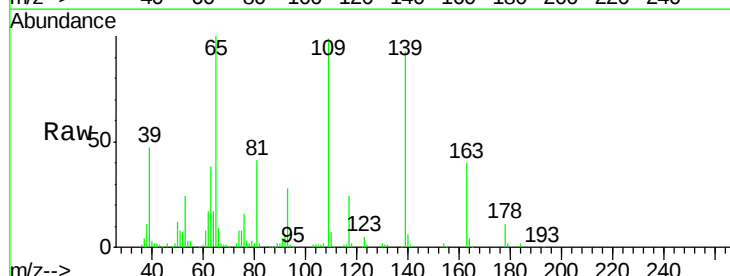
Manual Integrations  
APPROVED

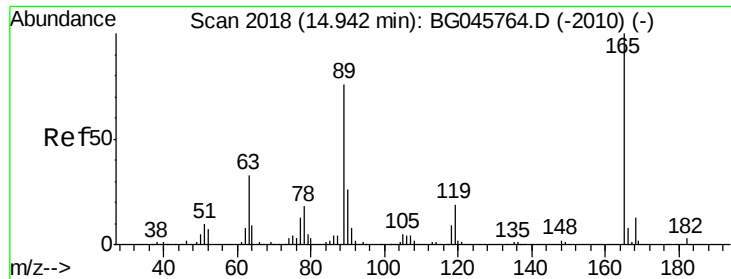
mohammad  
6/26/2020 12:37:22 PM



#56  
4-Nitrophenol  
Concen: 74.296 ng  
RT: 14.85 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 122651 |       |       |
| 109     | 106.5 |        | 88.9  | 128.9 |
| 65      | 107.8 |        | 92.3  | 132.3 |





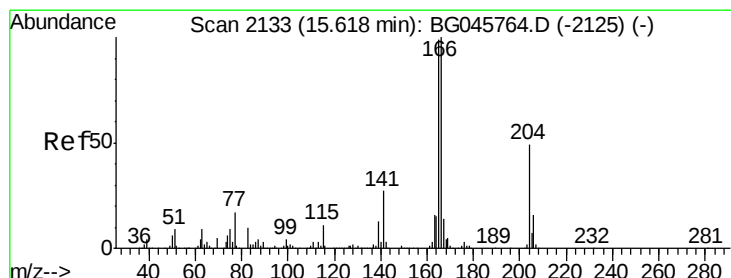
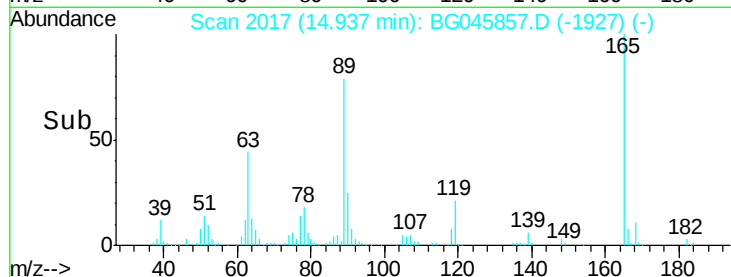
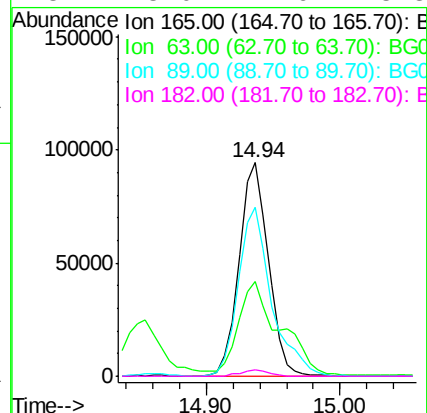
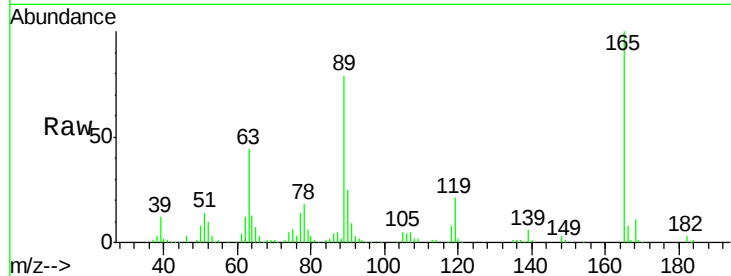
#57  
2,4-Dinitrotoluene  
Concen: 43.251 ng  
RT: 14.94 min Scan# 2017  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 143528 |       |       |
| 63      | 44.2  | 33.8   | 50.8  |       |
| 89      | 79.2  | 60.4   | 90.6  |       |
| 182     | 3.0   | 2.6    | 3.8   |       |

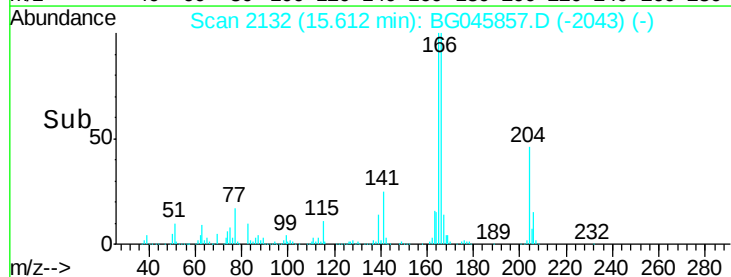
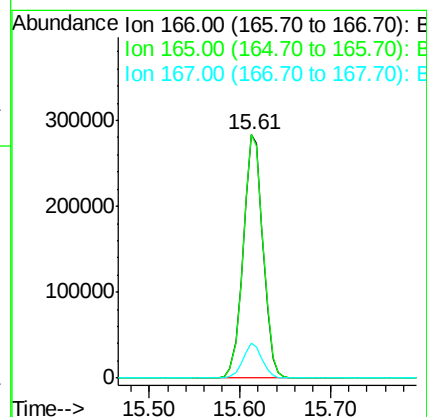
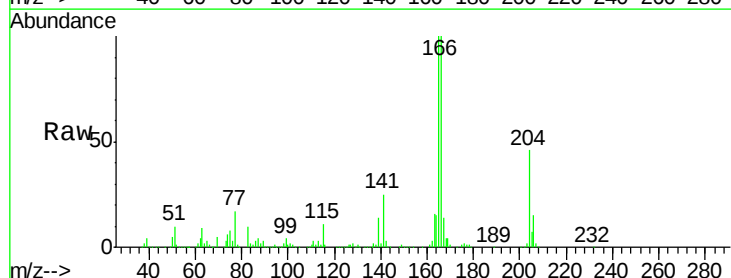
Manual Integrations  
APPROVED

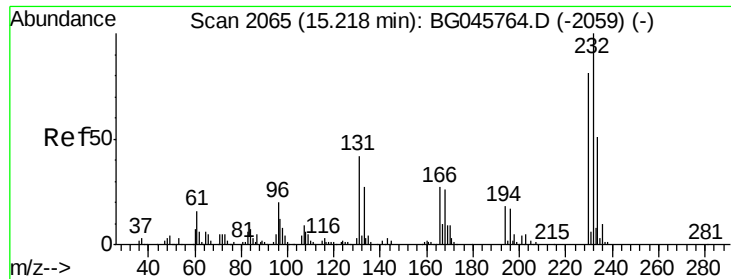
mohammad  
6/26/2020 12:37:22 PM



#58  
Fluorene  
Concen: 43.160 ng  
RT: 15.61 min Scan# 2132  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 430914 |       |       |
| 165     | 100.0 | 79.1   | 118.7 |       |
| 167     | 14.4  | 11.5   | 17.3  |       |





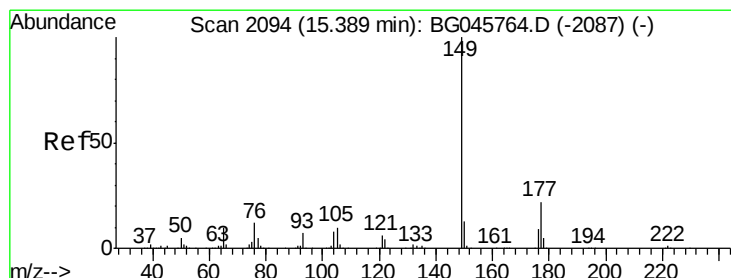
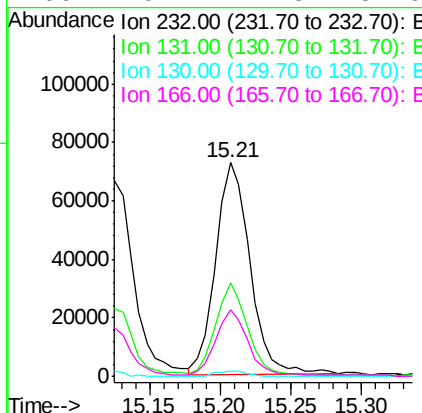
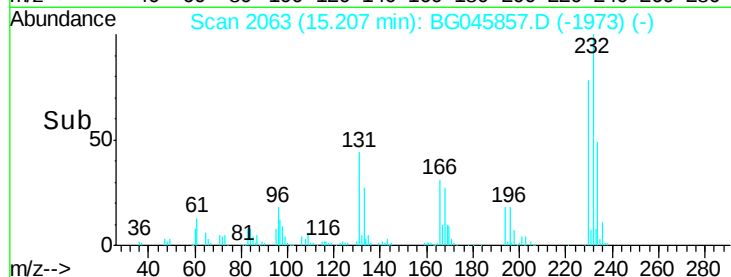
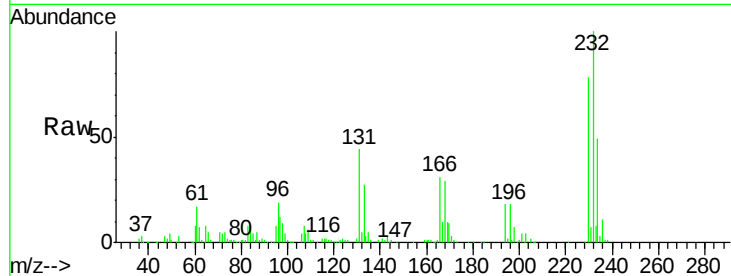
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.991 ng  
 RT: 15.21 min Scan# 2063  
 Delta R.T. 0.00 min  
 Lab File: BG045857.D  
 Acq: 25 Jun 2020 14:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129763BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 41.5  | 32.2  | 48.2  |
| 130     | 2.3   | 2.2   | 3.4   |
| 166     | 29.2  | 21.3  | 31.9  |

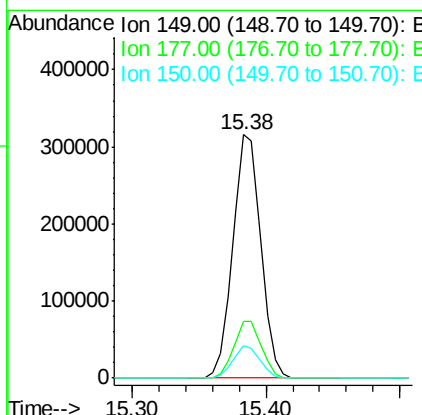
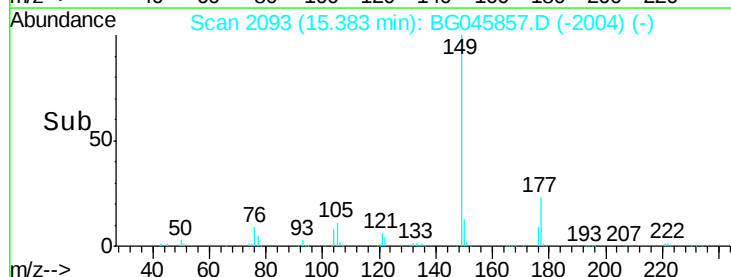
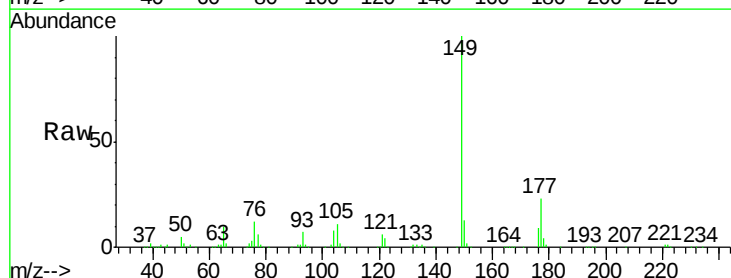
Manual Integrations  
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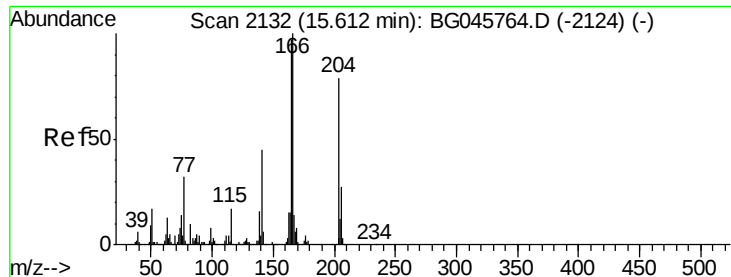
mohammad  
 6/26/2020 12:37:22 PM



#60  
 Diethylphthalate  
 Concen: 43.639 ng  
 RT: 15.38 min Scan# 2093  
 Delta R.T. -0.00 min  
 Lab File: BG045857.D  
 Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.2  | 17.2  | 25.8  |
| 150     | 13.4  | 10.7  | 16.1  |





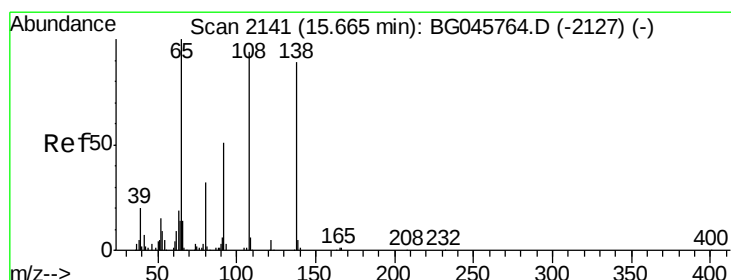
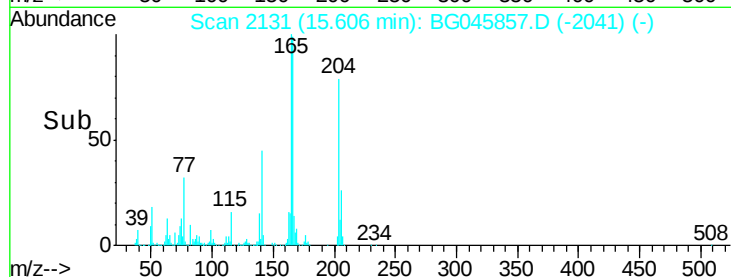
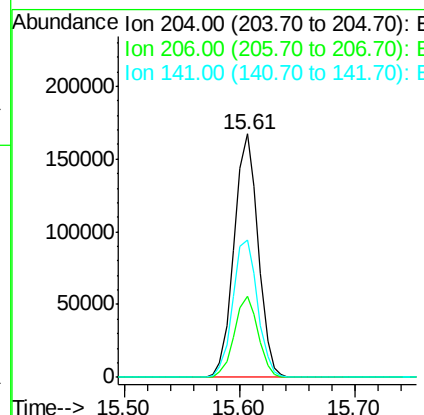
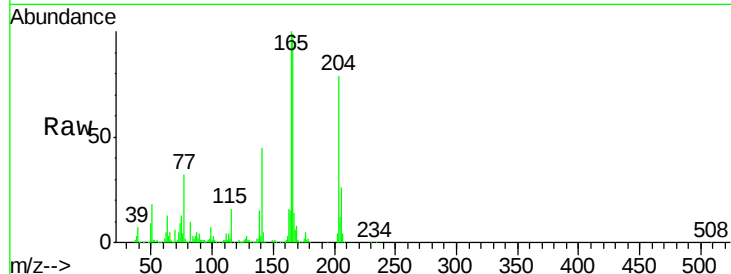
#61  
4-Chlorophenyl-phenylether  
Concen: 41.907 ng  
RT: 15.61 min Scan# 2131  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 241155 |       |       |
| 206     | 33.2  | 27.2   | 40.8  |       |
| 141     | 56.5  | 45.9   | 68.9  |       |

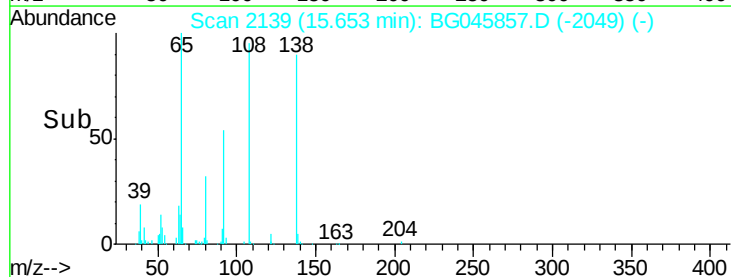
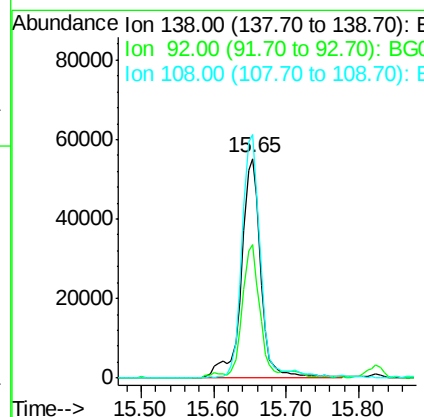
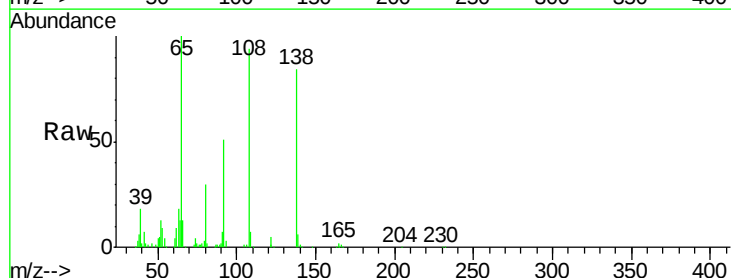
Manual Integrations  
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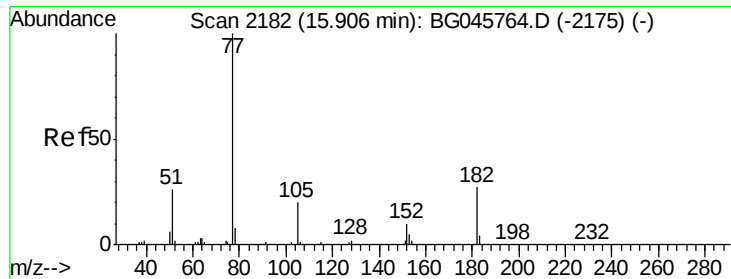
mohammad  
6/26/2020 12:37:22 PM



#62  
4-Nitroaniline  
Concen: 43.739 ng  
RT: 15.65 min Scan# 2139  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 103850 |       |       |
| 92      | 60.9  | 37.3   | 77.3  |       |
| 108     | 110.8 | 85.0   | 125.0 |       |





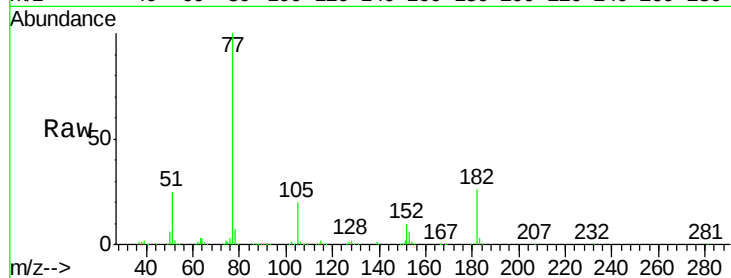
#63  
Azobenzene  
Concen: 44.204 ng  
RT: 15.90 min Scan# 2181  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

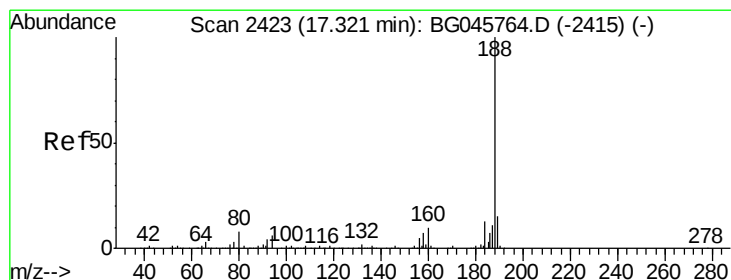
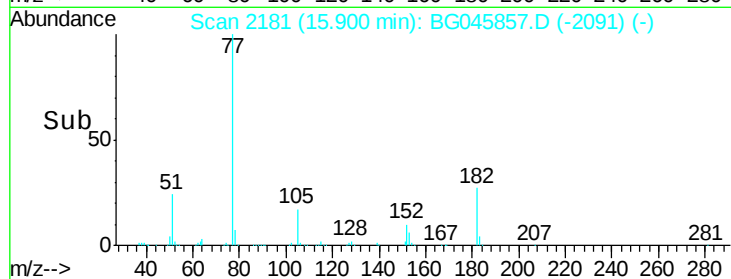
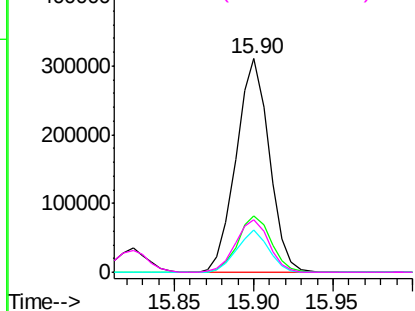
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 447435 |       |       |
| 182     | 26.3 | 7.4   | 47.4   |       |       |
| 105     | 20.1 | 0.1   | 40.1   |       |       |
| 51      | 24.8 | 5.7   | 45.7   |       |       |

Manual Integrations  
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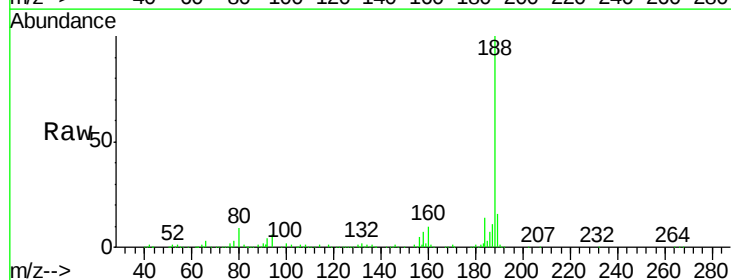


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

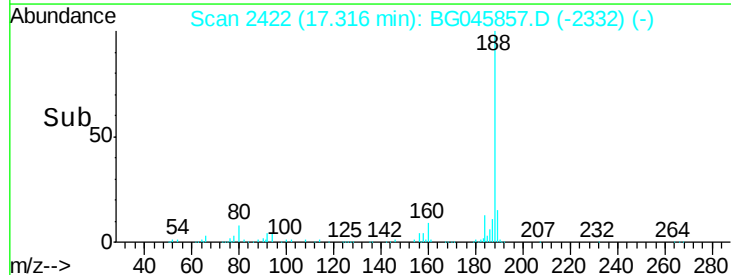
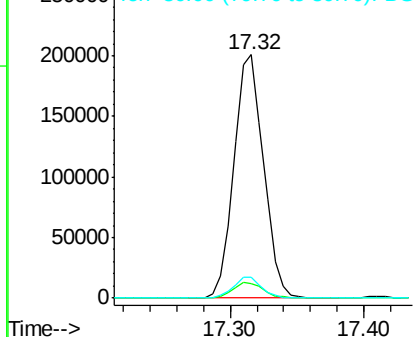


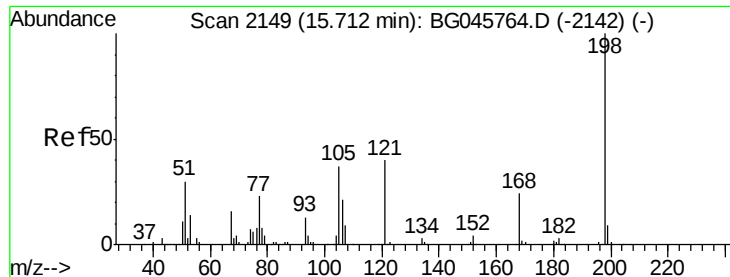
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.32 min Scan# 2422  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 310419 |       |       |
| 94      | 6.2 | 5.1   | 7.7    |       |       |
| 80      | 8.8 | 6.2   | 9.4    |       |       |



Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC





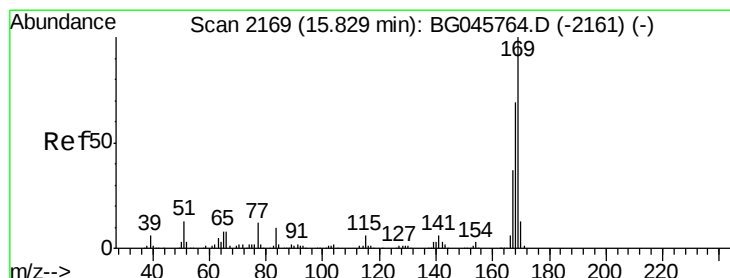
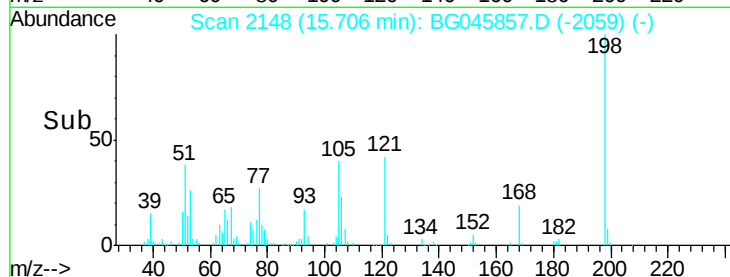
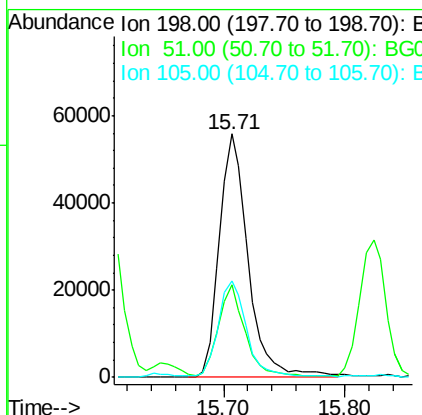
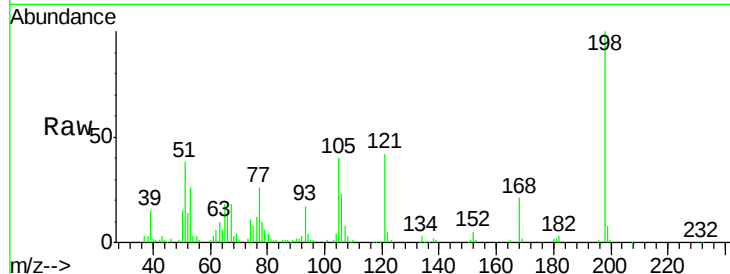
#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.915 ng  
RT: 15.71 min Scan# 2148  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 38.1  | 14.6  | 54.6  |
| 105     | 39.6  | 18.4  | 58.4  |

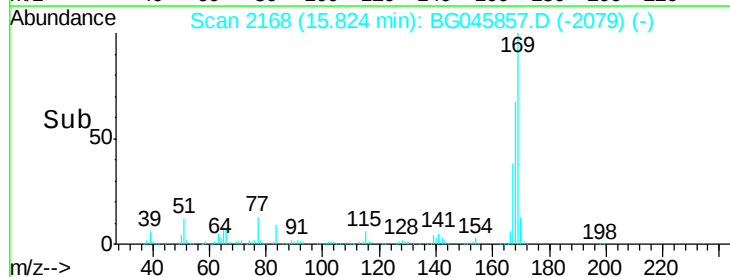
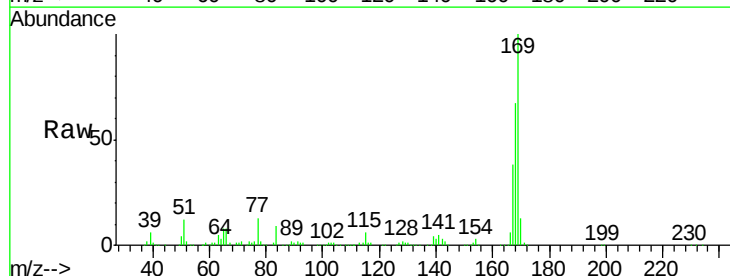
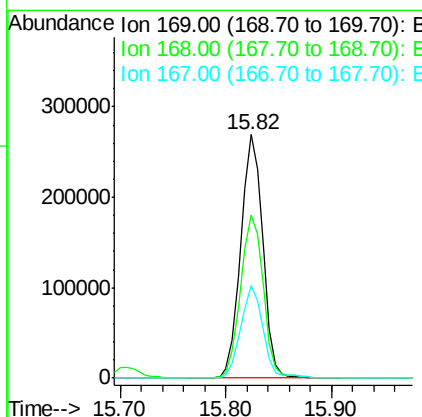
Manual Integrations  
APPROVED

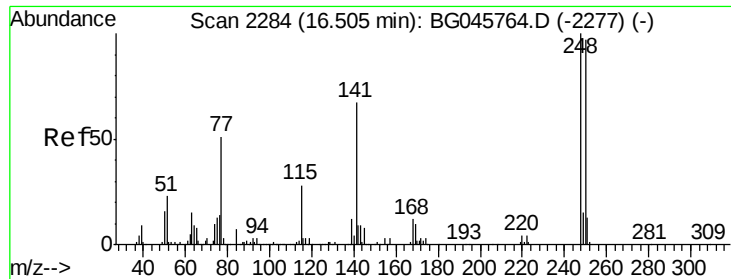
mohammad  
6/26/2020 12:37:22 PM



#66  
n-Nitrosodiphenylamine  
Concen: 43.942 ng  
RT: 15.82 min Scan# 2168  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.1  | 55.2  | 82.8  |
| 167     | 37.9  | 29.8  | 44.6  |





#67

4-Bromophenyl-phenylether

Concen: 41.143 ng

RT: 16.50 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

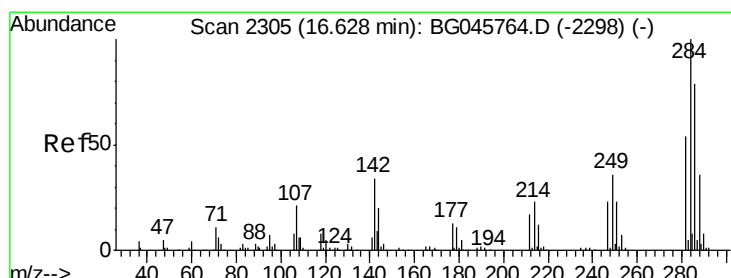
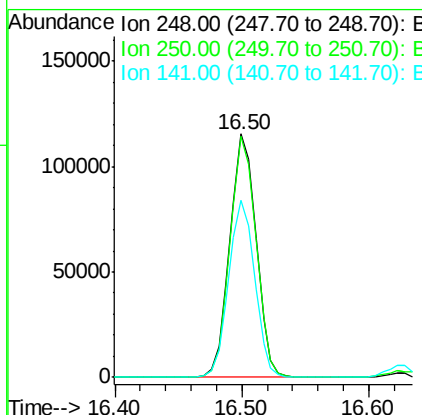
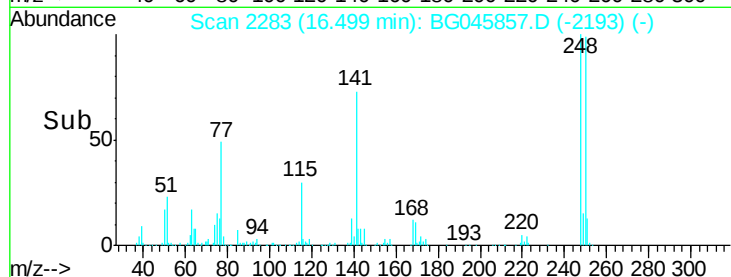
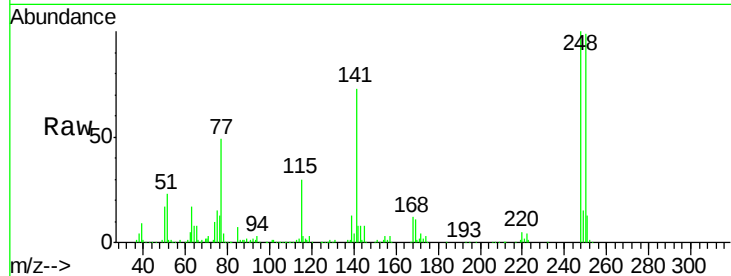
ClientSampleId :

PB129763BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 165948 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 99.1  | 78.0  | 117.0  |
| 141       | 72.6  | 53.9  | 80.9   |

Manual Integrations  
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#68

Hexachlorobenzene

Concen: 44.252 ng

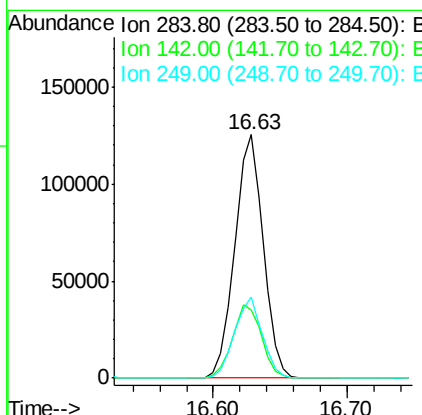
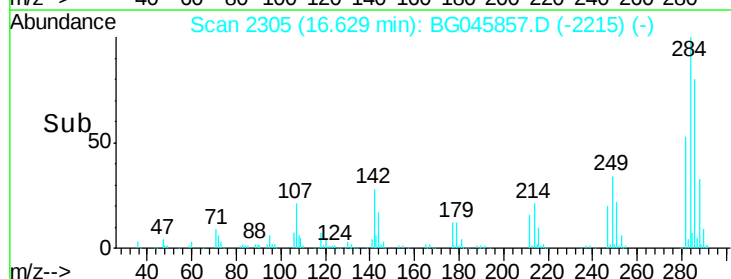
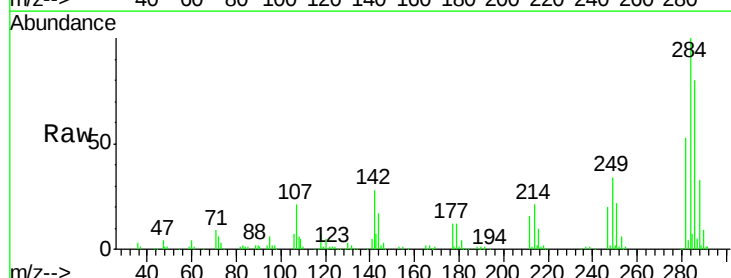
RT: 16.63 min Scan# 2305

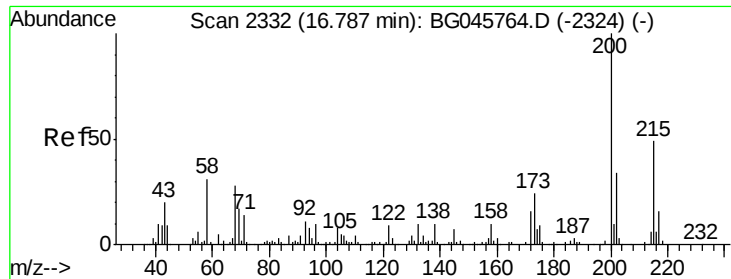
Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 185087 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 28.0  | 26.9  | 40.3   |
| 249       | 33.5  | 28.6  | 42.8   |





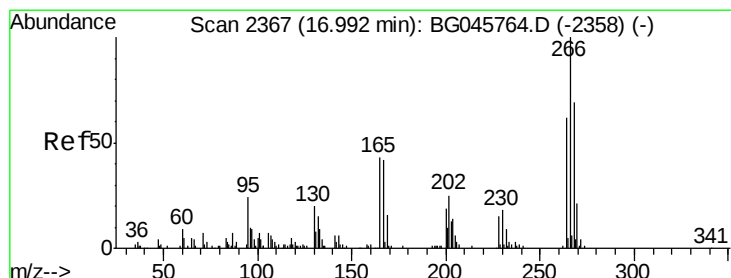
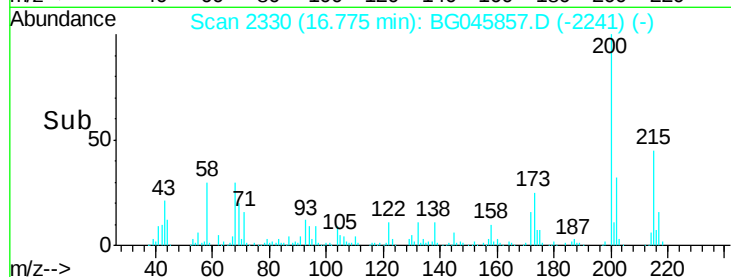
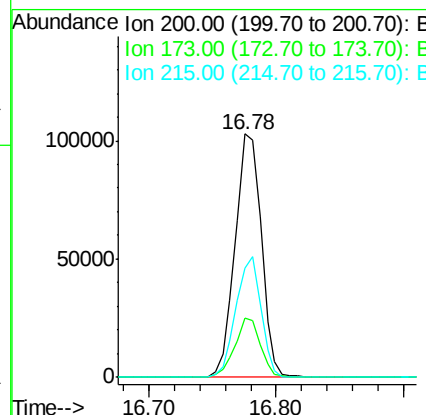
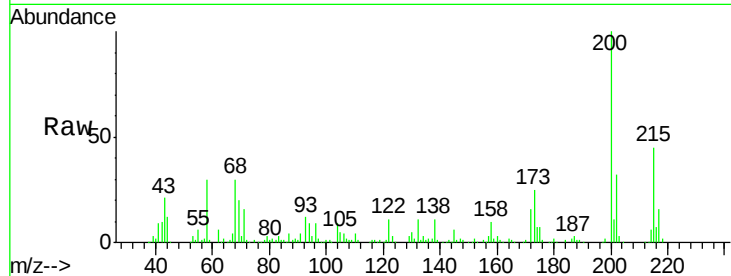
#69  
Atrazine  
Concen: 43.014 ng  
RT: 16.78 min Scan# 2330  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.5  | 3.9   | 43.9  |
| 215     | 45.0  | 28.8  | 68.8  |

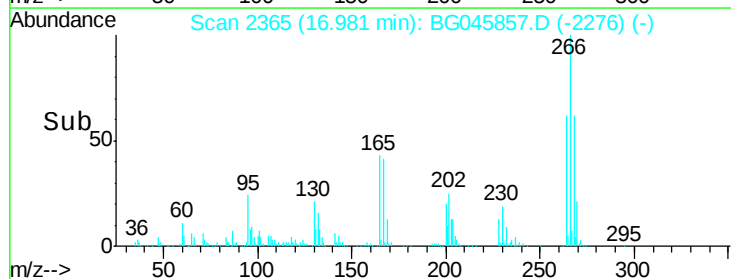
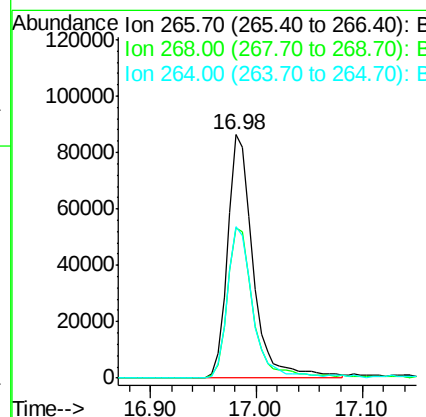
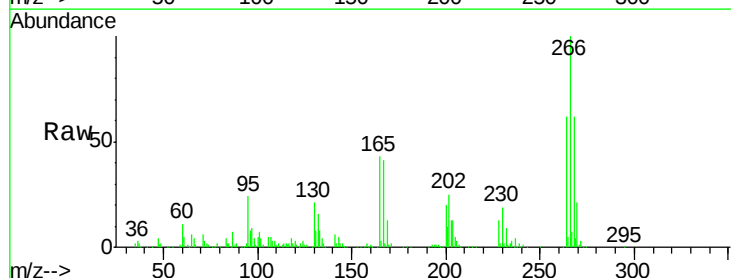
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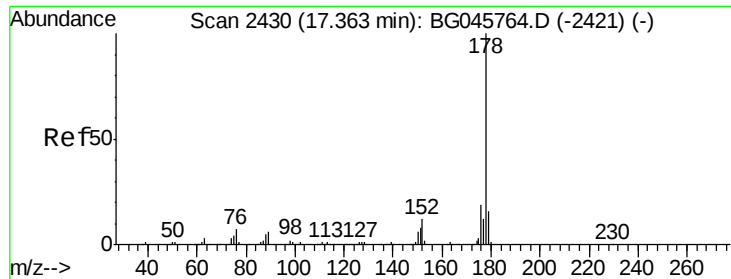
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#70  
Pentachlorophenol  
Concen: 71.173 ng  
RT: 16.98 min Scan# 2365  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.7  | 55.4  | 83.0  |
| 264     | 62.3  | 49.8  | 74.6  |





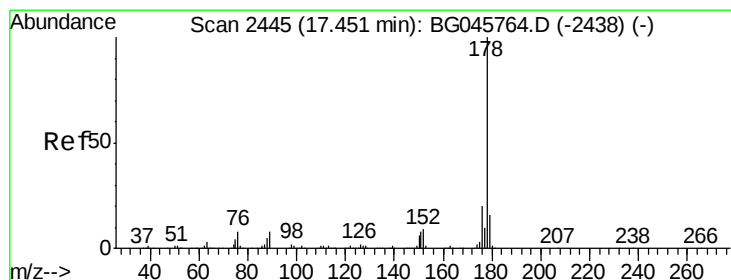
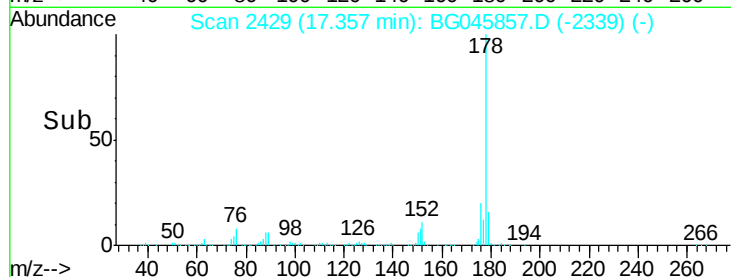
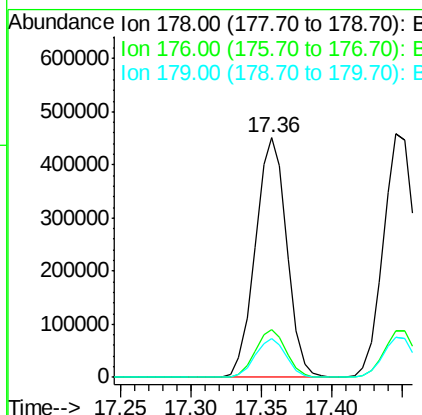
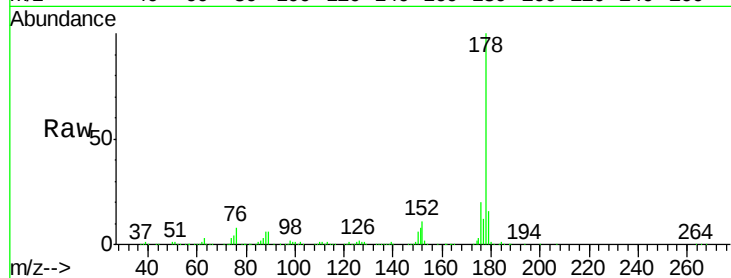
#71  
Phenanthrene  
Concen: 44.011 ng  
RT: 17.36 min Scan# 2429  
Delta R.T. 0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 15.5  | 23.3  |
| 179     | 16.2  | 13.2  | 19.8  |

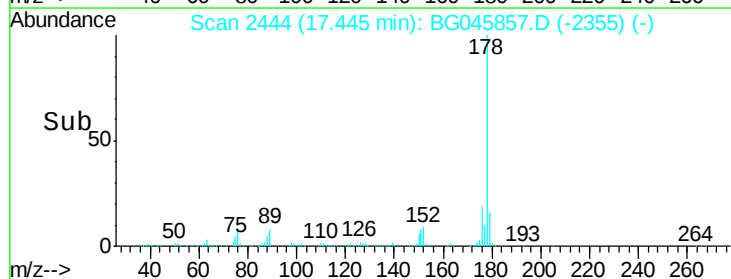
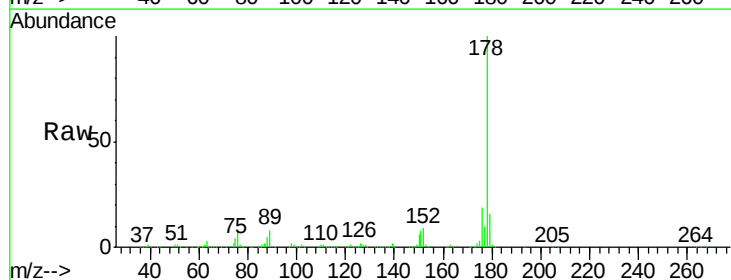
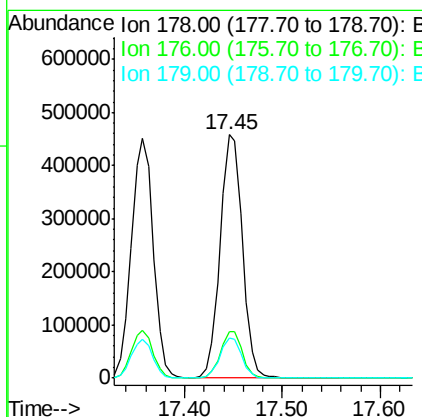
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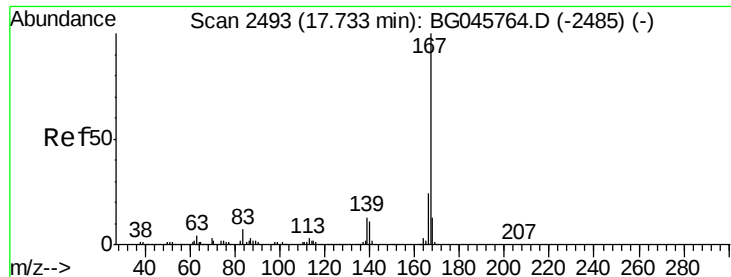
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#72  
Anthracene  
Concen: 45.278 ng  
RT: 17.45 min Scan# 2444  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.6  | 23.4  |
| 179     | 16.4  | 13.1  | 19.7  |





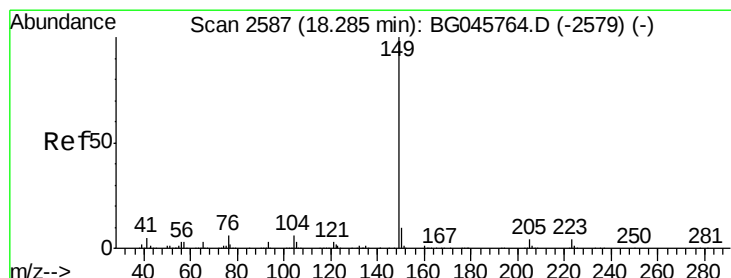
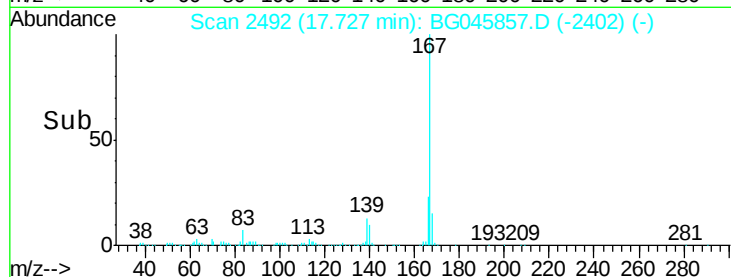
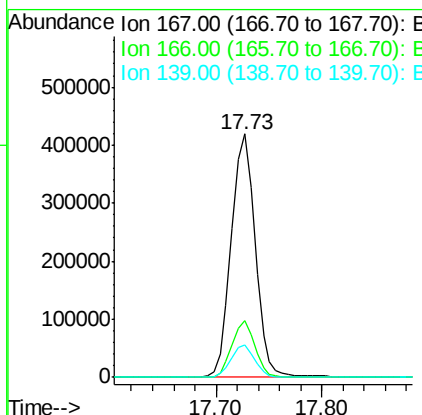
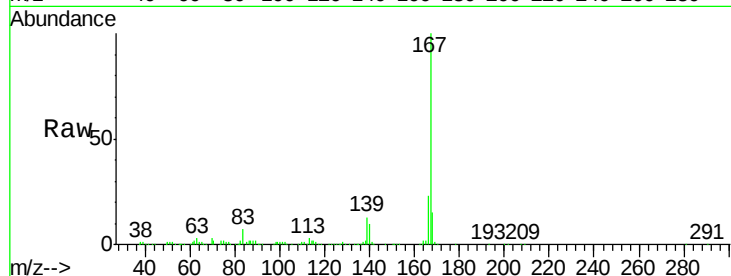
#73  
 Carbazole  
 Concen: 43.541 ng  
 RT: 17.73 min Scan# 2492  
 Delta R.T. 0.00 min  
 Lab File: BG045857.D  
 Acq: 25 Jun 2020 14:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129763BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.2  | 18.9  | 28.3  |
| 139     | 13.3  | 10.6  | 15.8  |

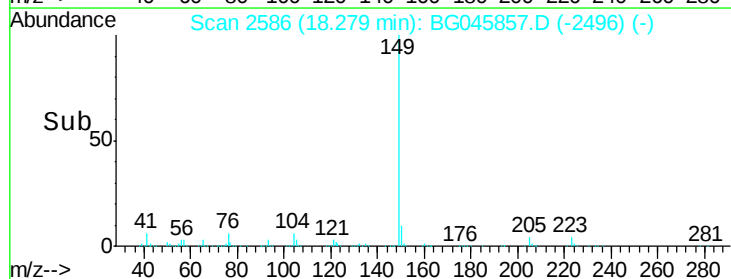
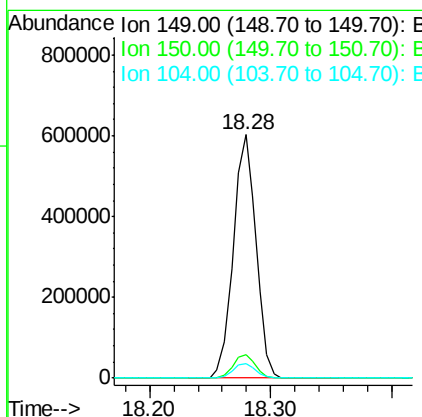
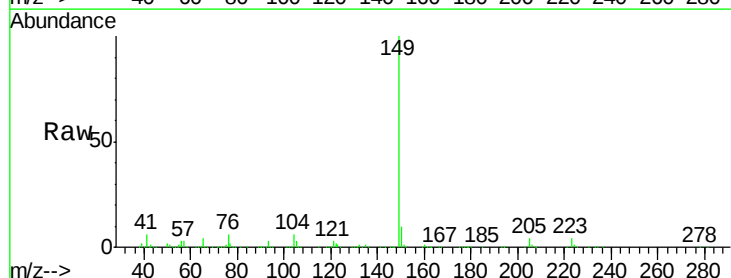
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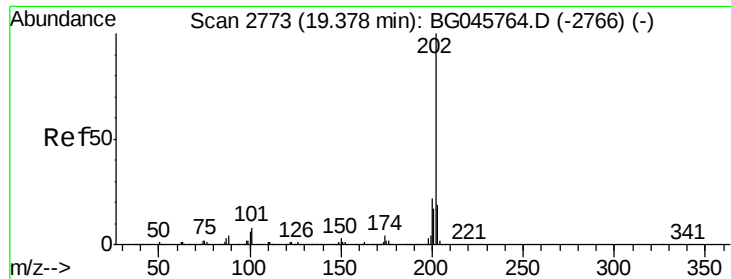
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#74  
 Di-n-butylphthalate  
 Concen: 43.850 ng  
 RT: 18.28 min Scan# 2586  
 Delta R.T. 0.00 min  
 Lab File: BG045857.D  
 Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.6   | 7.7   | 11.5  |
| 104     | 6.0   | 5.1   | 7.7   |





#75

Fluoranthene

Concen: 45.039 ng

RT: 19.37 min Scan# 2772

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

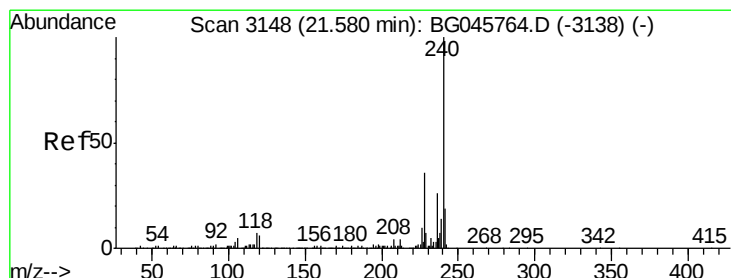
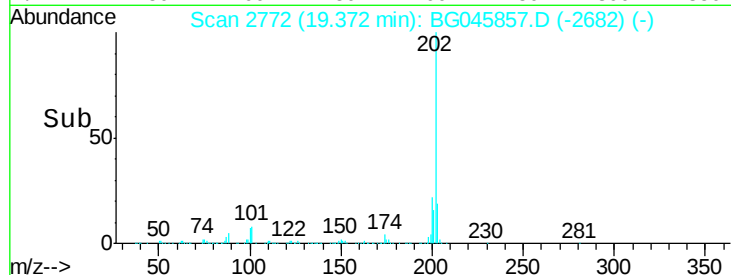
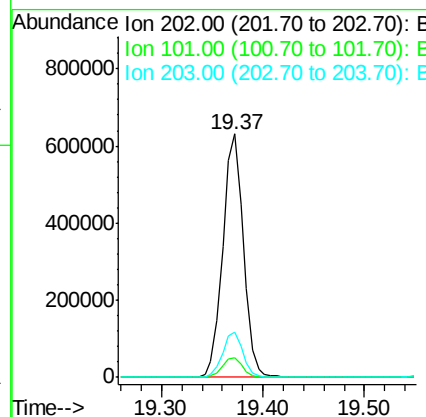
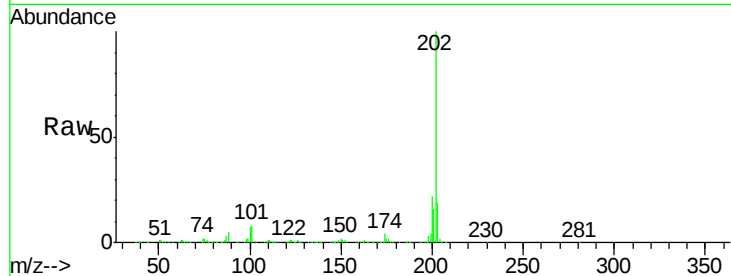
ClientSampleId :

PB129763BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 8.2   | 0.0        | 27.7       |
| 203     | 18.7  | 0.0        | 38.7       |

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#76

Chrysene-d12

Concen: 20.000 ng

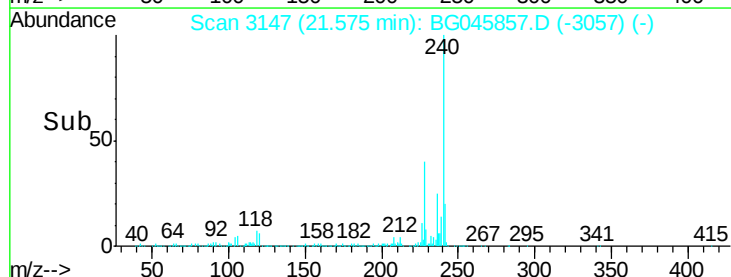
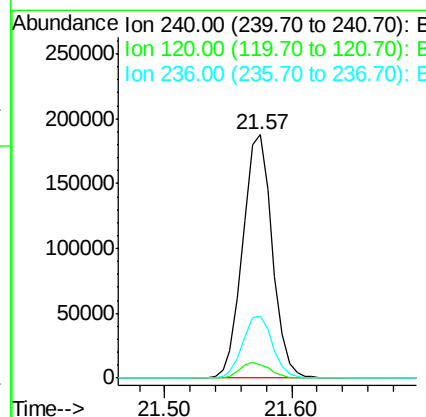
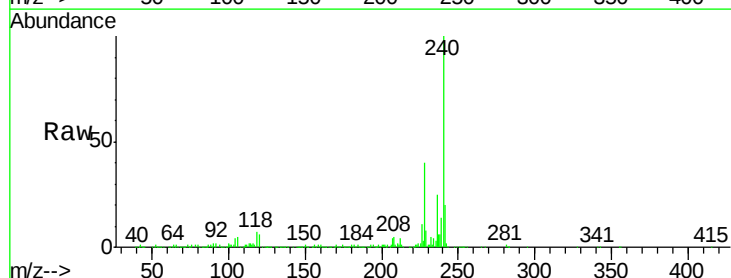
RT: 21.57 min Scan# 3147

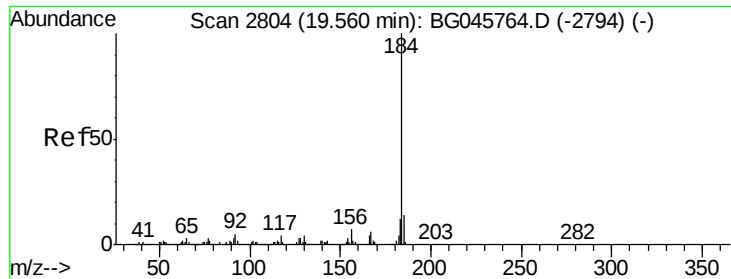
Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 240     | 100   |            |            |
| 120     | 5.7   | 5.0        | 7.4        |
| 236     | 25.4  | 20.6       | 30.8       |





#77

Benzidine

Concen: 67.947 ng

RT: 19.55 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

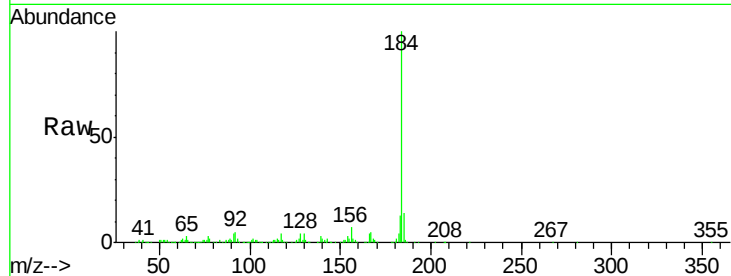
ClientSampleId :

PB129763BS

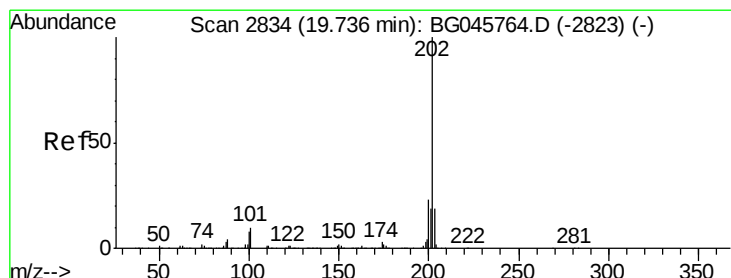
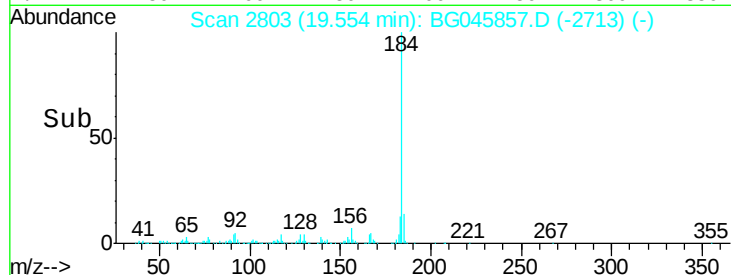
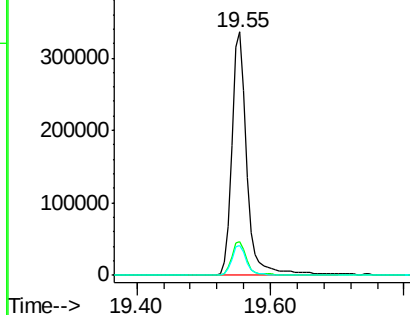
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 534555 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.9  | 11.1  | 16.7   |
| 183       | 12.5  | 9.7   | 14.5   |

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



#78

Pyrene

Concen: 43.182 ng

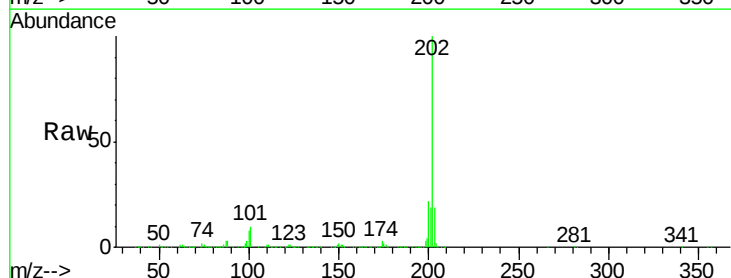
RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

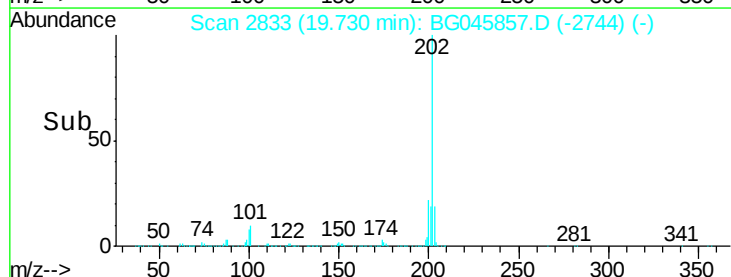
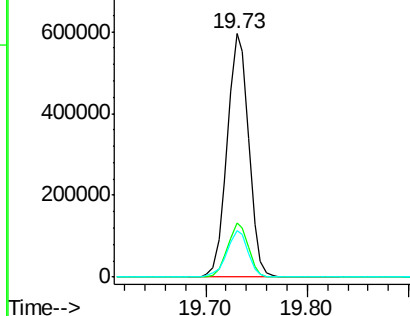
Lab File: BG045857.D

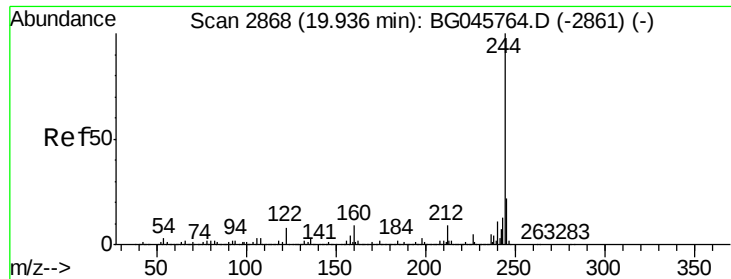
Acq: 25 Jun 2020 14:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 875072 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 22.4  | 18.2  | 27.2   |
| 203       | 19.1  | 14.8  | 22.2   |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.006 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

ClientSampleId :

PB129763BS

Tot Ion:244 Resp: 1388811

Ion Ratio Lower Upper

244 100

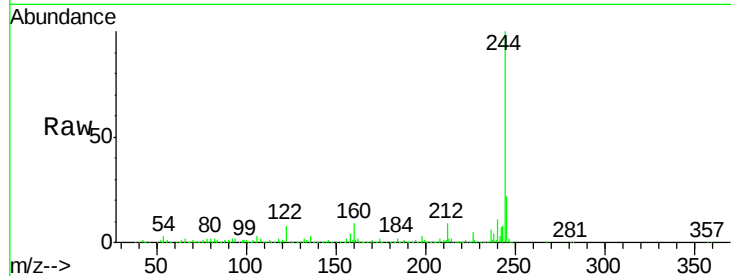
212 9.2 7.2 10.8

122 8.1 6.4 9.6

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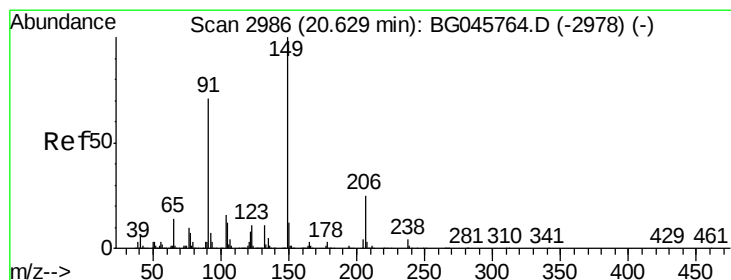
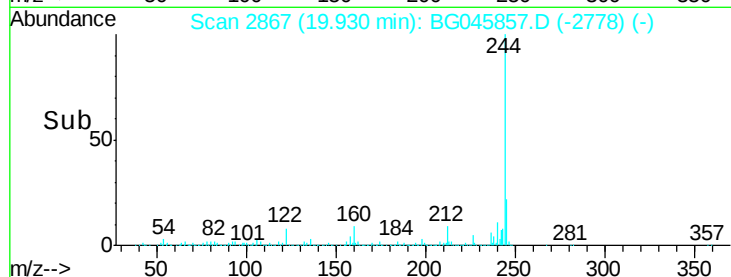
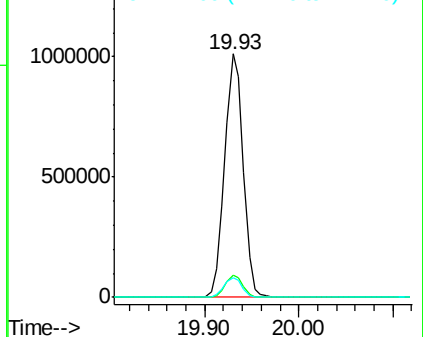
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.586 ng

RT: 20.62 min Scan# 2985

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

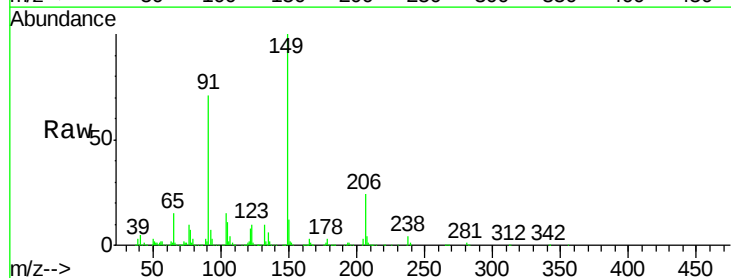
Tgt Ion:149 Resp: 361220

Ion Ratio Lower Upper

149 100

91 71.2 56.4 84.6

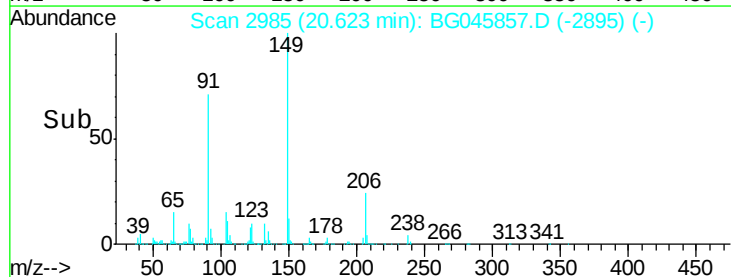
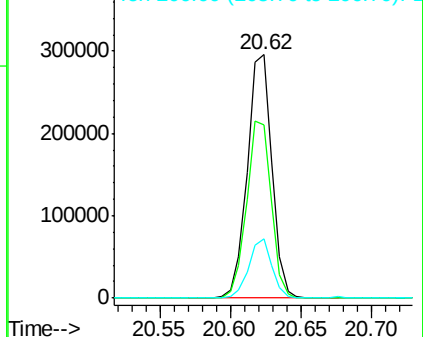
206 24.3 19.8 29.6

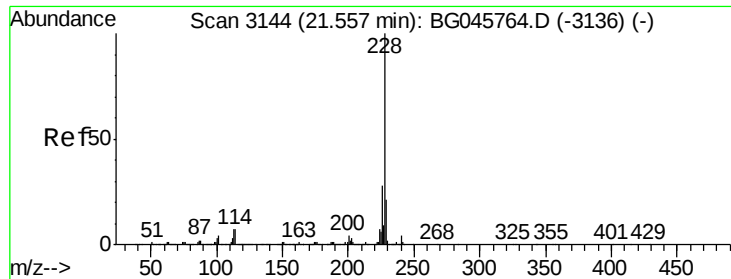


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.484 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

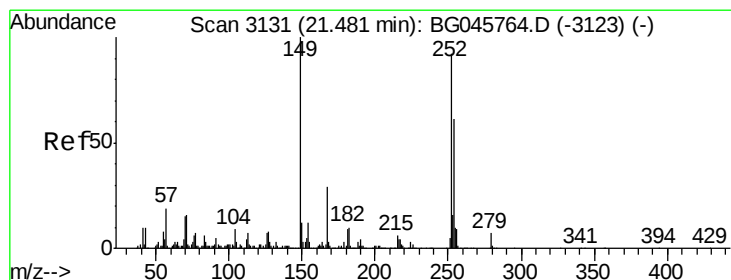
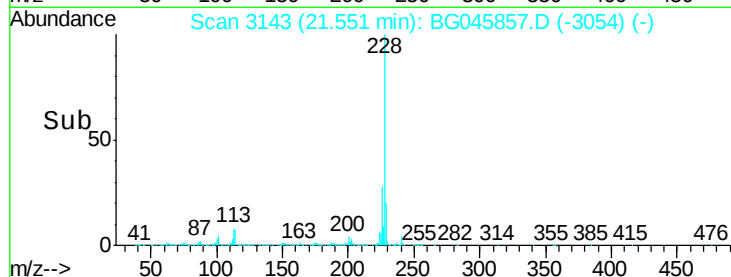
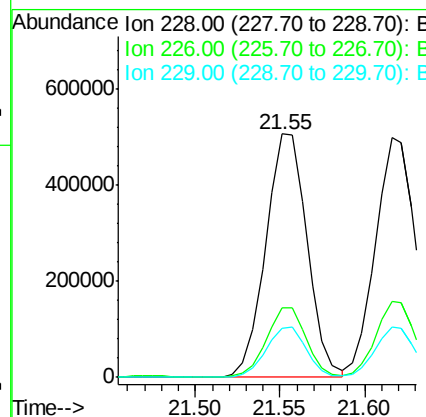
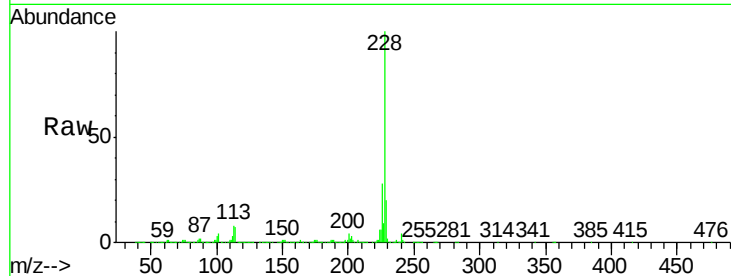
ClientSampleId :

PB129763BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 853155 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.4  | 22.7  | 34.1   |
| 229       | 20.2  | 16.6  | 24.8   |

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#82

3,3'-Dichlorobenzidine

Concen: 37.993 ng

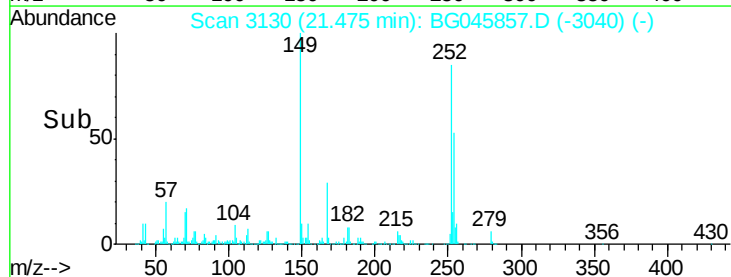
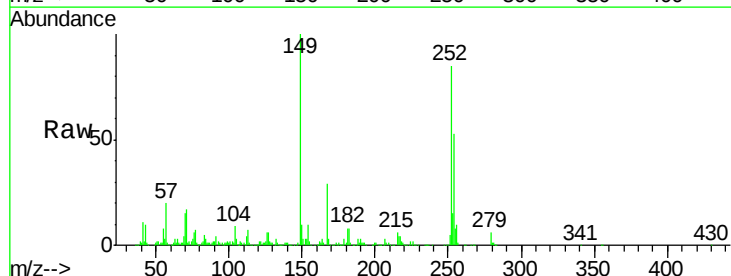
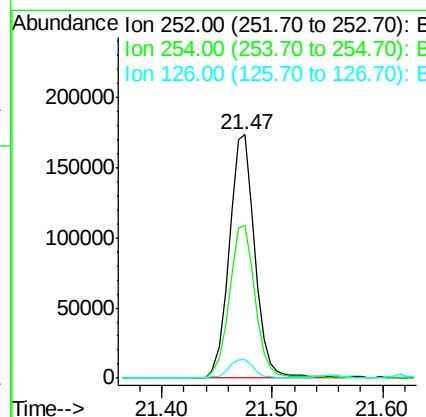
RT: 21.47 min Scan# 3130

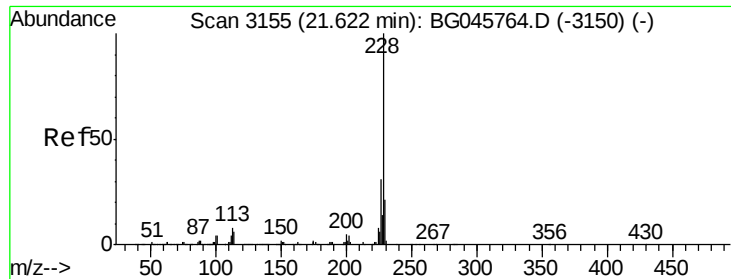
Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 281964 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 62.5  | 53.4  | 80.0   |
| 126       | 7.6   | 5.8   | 8.8    |





#83

Chrvsene

Concen: 43.614 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

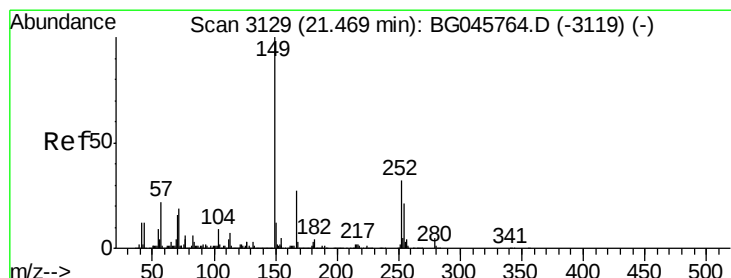
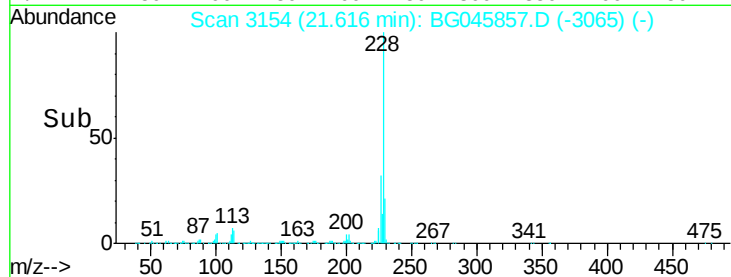
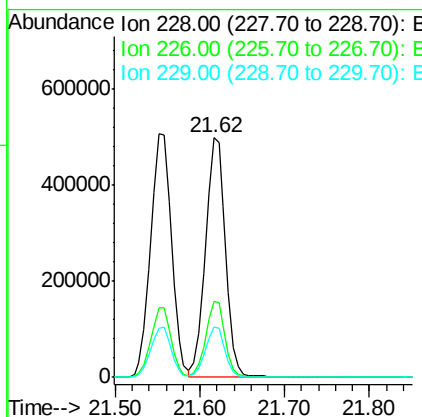
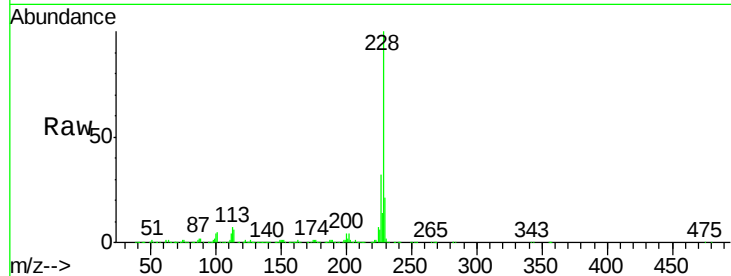
ClientSampleId :

PB129763BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 827658 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.6  | 25.1  | 37.7   |
| 229       | 21.1  | 16.4  | 24.6   |

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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.200 ng

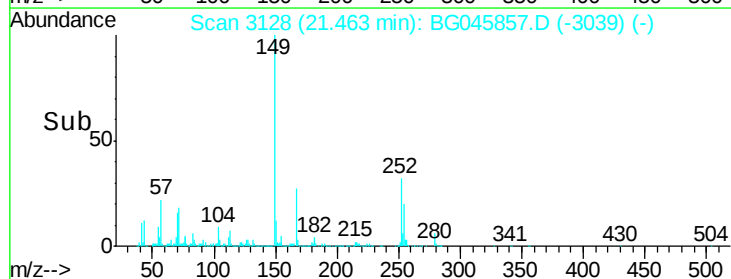
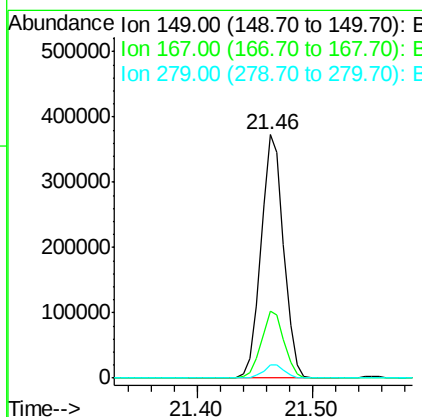
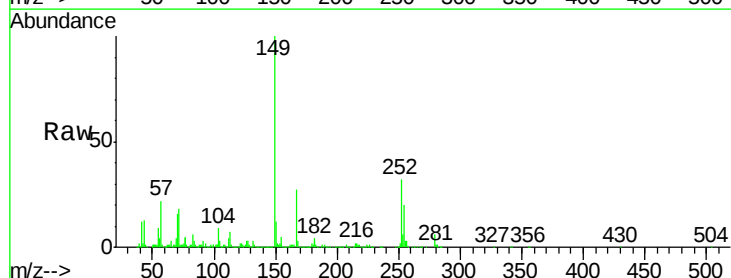
RT: 21.46 min Scan# 3128

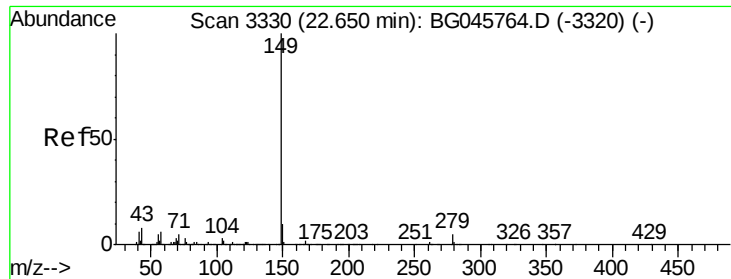
Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 509697 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.3  | 21.3  | 31.9   |
| 279       | 5.6   | 3.7   | 5.5#   |





#85

Di-n-octyl phthalate

Concen: 42.554 ng

RT: 22.64 min Scan# 3329

Delta R.T. 0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

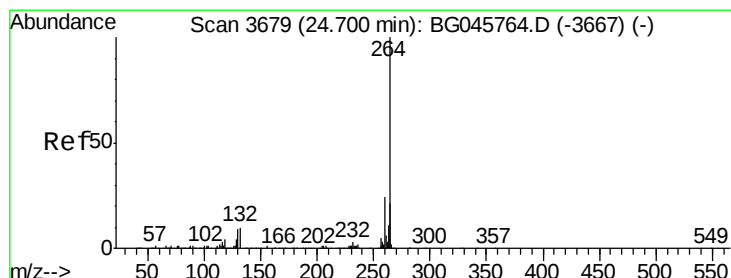
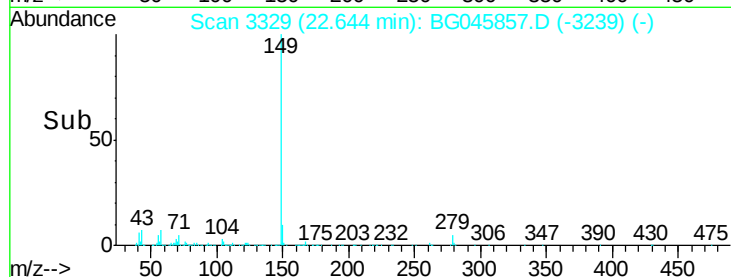
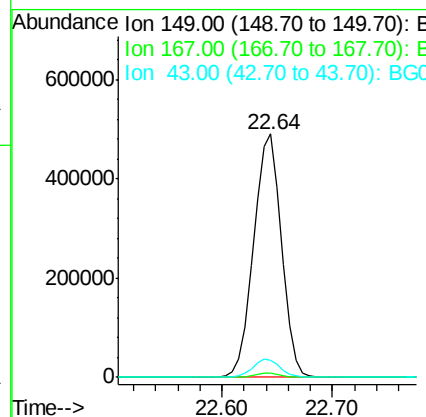
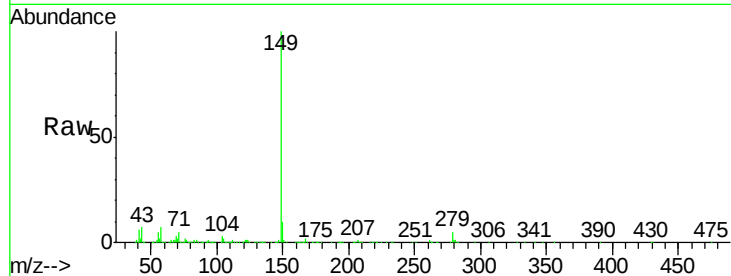
ClientSampleId :

PB129763BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 866046 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.7   | 1.4   | 2.0    |
| 43        | 7.4   | 5.9   | 8.9    |

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#86

Perylene-d12

Concen: 20.000 ng

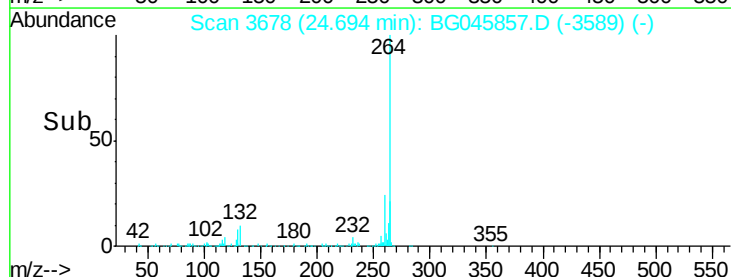
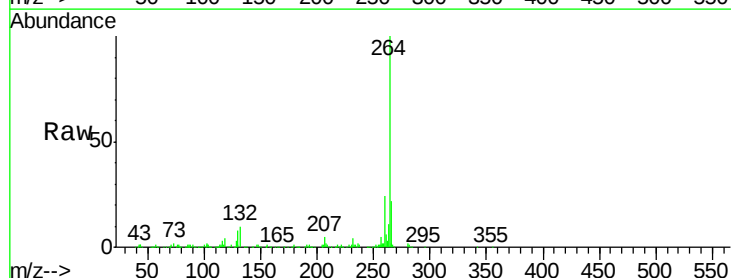
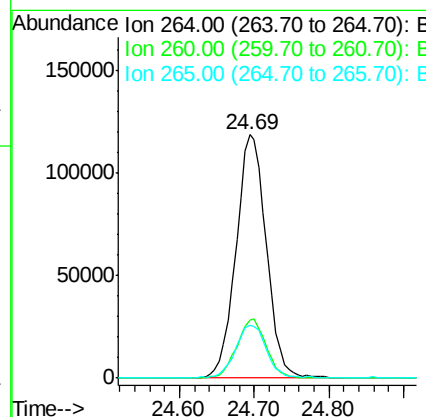
RT: 24.69 min Scan# 3678

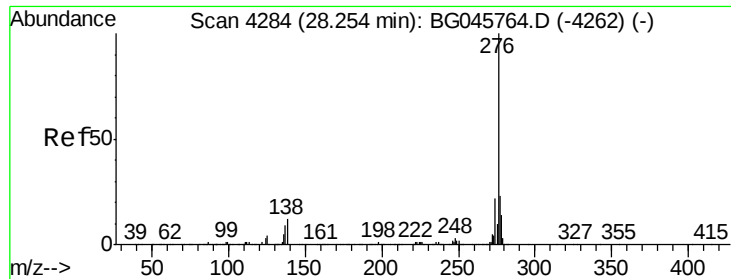
Delta R.T. -0.00 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 332892 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.8  | 19.0  | 28.4   |
| 265       | 21.6  | 17.4  | 26.0   |





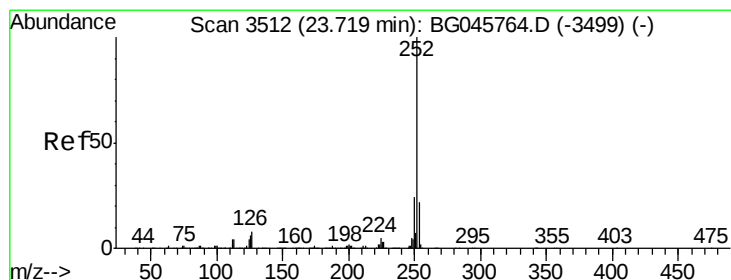
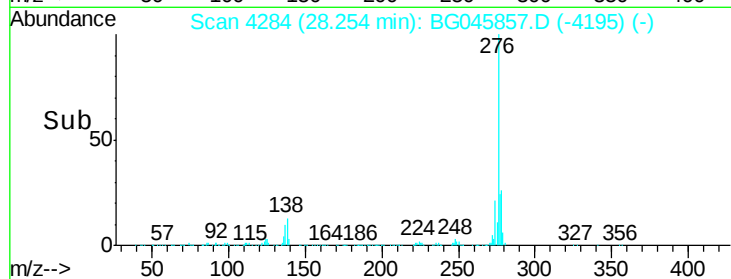
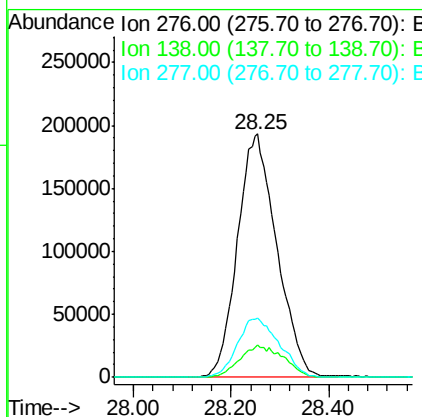
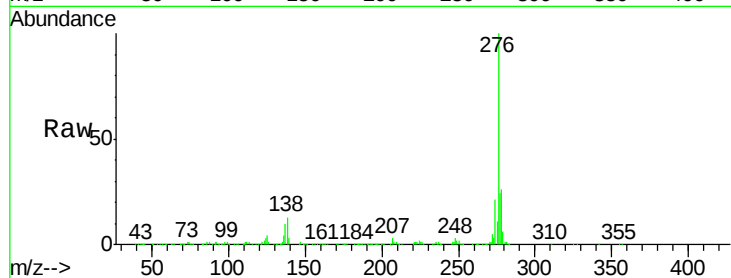
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 44.732 ng  
 RT: 28.25 min Scan# 4284  
 Delta R.T. -0.00 min  
 Lab File: BG045857.D  
 Acq: 25 Jun 2020 14:46

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB129763BS

Tot Ion:276 Resp: 1079525  
 Ion Ratio Lower Upper  
 276 100  
 138 14.7 5.4 8.0#  
 277 26.0 20.6 30.8

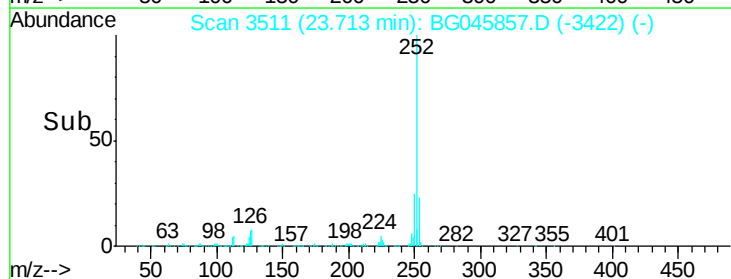
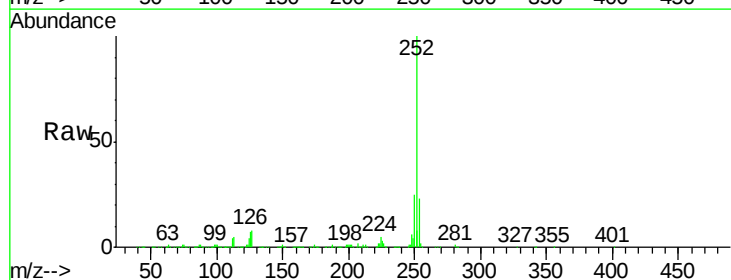
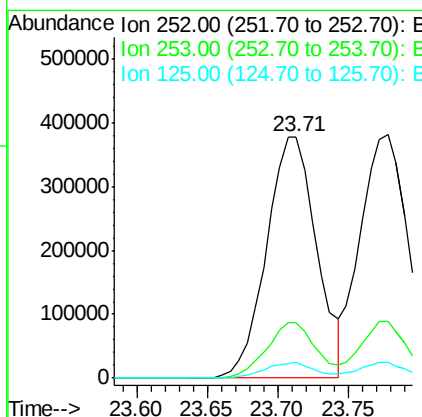
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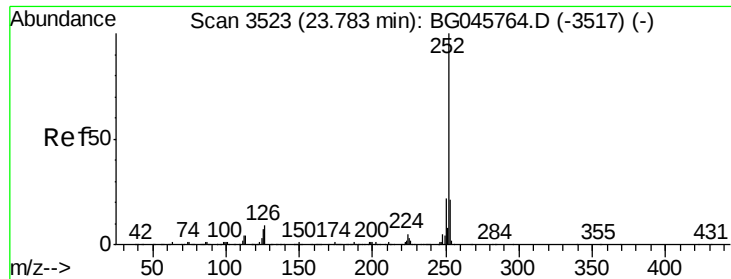
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#88  
 Benzo(b)fluoranthene  
 Concen: 44.869 ng  
 RT: 23.71 min Scan# 3511  
 Delta R.T. -0.00 min  
 Lab File: BG045857.D  
 Acq: 25 Jun 2020 14:46

Tgt Ion:252 Resp: 936519  
 Ion Ratio Lower Upper  
 252 100  
 253 23.1 17.4 26.0  
 125 6.7 5.0 7.4





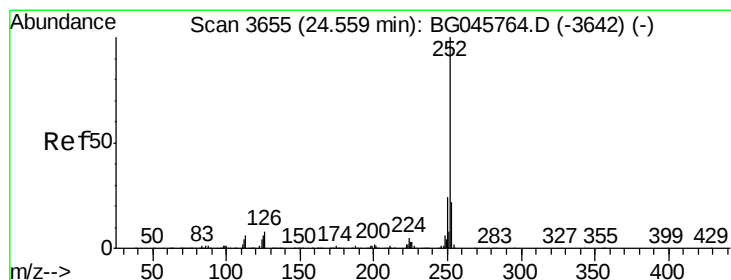
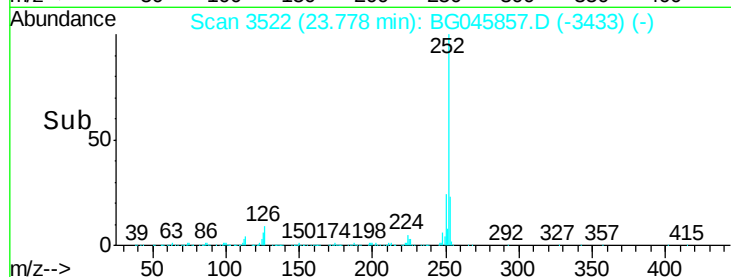
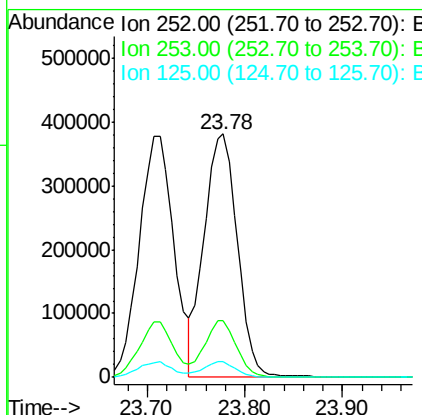
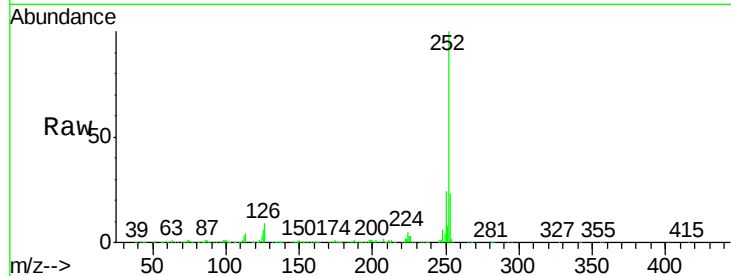
#89  
Benzo(k)fluoranthene  
Concen: 44.821 ng  
RT: 23.78 min Scan# 3522  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

Instrument :  
BNA\_G  
ClientSampleId :  
PB129763BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 17.2  | 25.8  |
| 125     | 6.3   | 5.2   | 7.8   |

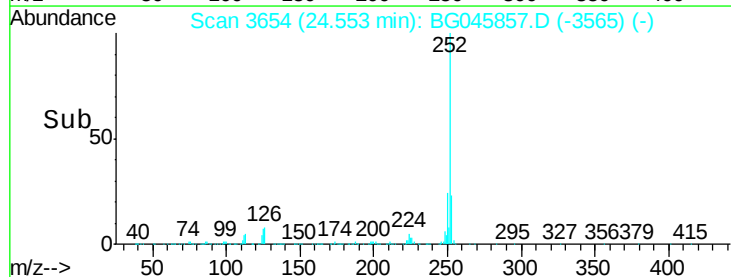
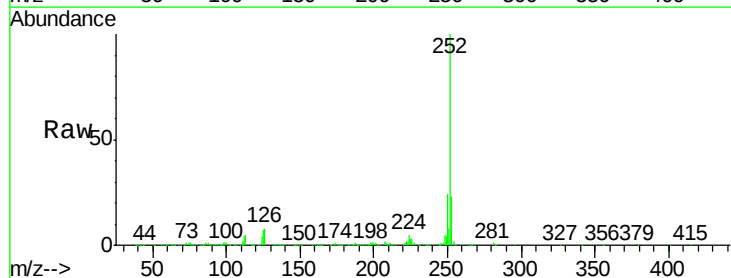
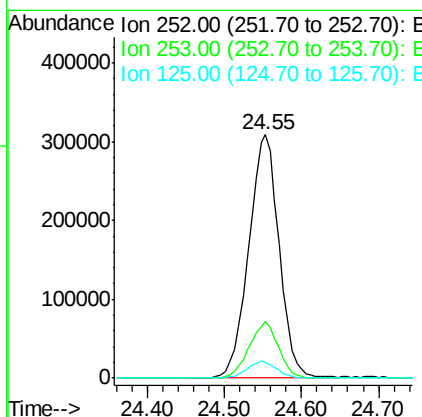
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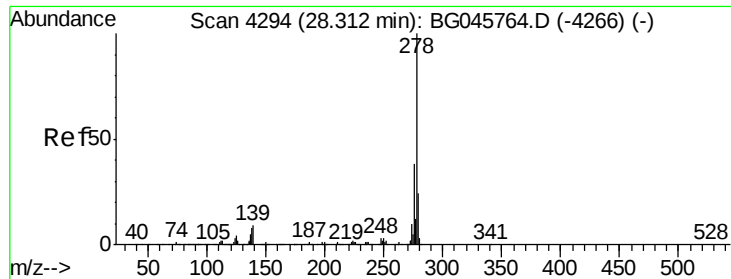
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#90  
Benzo(a)pyrene  
Concen: 43.614 ng  
RT: 24.55 min Scan# 3654  
Delta R.T. -0.00 min  
Lab File: BG045857.D  
Acq: 25 Jun 2020 14:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 18.0  | 27.0  |
| 125     | 6.7   | 5.0   | 7.6   |





#91

Dibenzo(a,h)anthracene

Concen: 45.456 ng

RT: 28.31 min Scan# 4293

Delta R.T. -0.01 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

Instrument :

BNA\_G

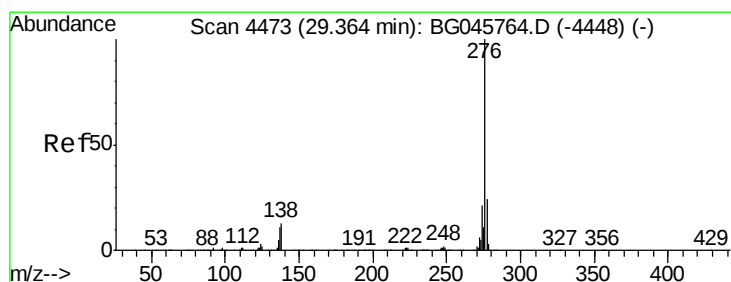
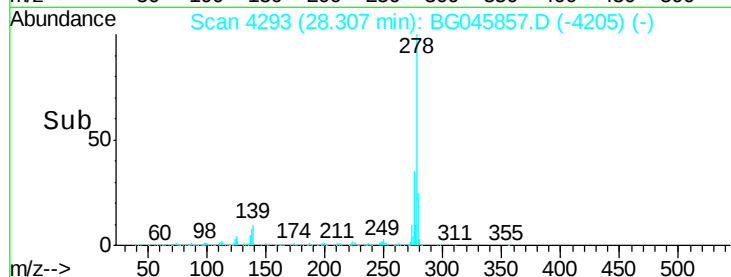
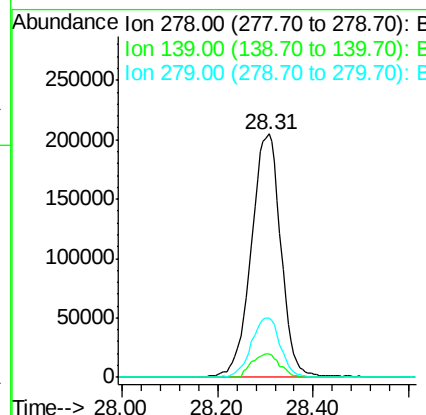
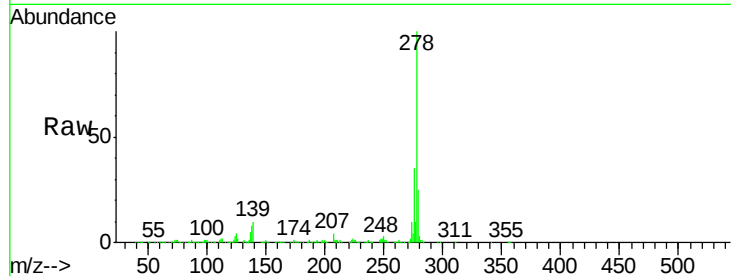
ClientSampleId :

PB129763BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 879688 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 9.5   | 7.3   | 10.9   |
| 279       | 24.5  | 19.5  | 29.3   |

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#92

Benzo(g,h,i)perylene

Concen: 45.418 ng

RT: 29.36 min Scan# 4472

Delta R.T. -0.02 min

Lab File: BG045857.D

Acq: 25 Jun 2020 14:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 879757 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.1  | 19.2  | 28.8   |
| 138       | 11.9  | 10.6  | 15.8   |

