

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\  
 Data File : BG045222.D  
 Acq On : 1 May 2020 18:57  
 Operator : CG/JU  
 Sample : L2122-15MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-043020MSD

Manual Integrations  
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 5/4/2020 3:46:18 PM

Quant Time: May 01 19:35:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 01 11:17:49 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.99  | 152  | 67146    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.80 | 136  | 264409   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.63 | 164  | 205426   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.38 | 188  | 499164   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.65 | 240  | 474383   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.82 | 264  | 523754   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.56  | 112 | 354937  | 87.27 | ng | 0.00 |
| 7) Phenol-d6                | 7.15  | 99  | 461578  | 76.39 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.15  | 82  | 350386  | 60.47 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.12 | 330 | 297729  | 93.82 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.25 | 172 | 870862  | 62.16 | ng | 0.00 |
| 79) Terphenyl-d14           | 20.00 | 244 | 1578341 | 72.52 | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.45  | 88  | 50729  | 28.066 | ng | # 55 |
| 3) Pyridine                    | 3.87  | 79  | 19790  | 3.556  | ng | # 88 |
| 4) n-Nitrosodimethylamine      | 3.76  | 42  | 48681  | 28.555 | ng | # 94 |
| 6) Aniline                     | 7.31  | 93  | 82350  | 10.481 | ng | 97   |
| 8) 2-Chlorophenol              | 7.56  | 128 | 139590 | 31.935 | ng | 98   |
| 9) Benzaldehyde                | 7.12  | 77  | 131154 | 37.925 | ng | 99   |
| 10) Phenol                     | 7.18  | 94  | 165952 | 27.444 | ng | 100  |
| 11) bis(2-Chloroethyl)ether    | 7.41  | 93  | 135509 | 28.147 | ng | 95   |
| 12) 1,3-Dichlorobenzene        | 7.88  | 146 | 140983 | 27.372 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 8.02  | 146 | 144832 | 28.219 | ng | 98   |
| 14) 1,2-Dichlorobenzene        | 8.35  | 146 | 137531 | 28.010 | ng | 97   |
| 15) Benzyl Alcohol             | 8.22  | 79  | 137541 | 27.148 | ng | 95   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52  | 45  | 122256 | 25.869 | ng | 95   |
| 17) 2-Methylphenol             | 8.44  | 107 | 125666 | 26.936 | ng | 97   |
| 18) Hexachloroethane           | 9.08  | 117 | 54660  | 28.330 | ng | 94   |
| 19) n-Nitroso-di-n-propylamine | 8.79  | 70  | 122735 | 28.720 | ng | 97   |
| 20) 3+4-Methylphenols          | 8.76  | 107 | 170681 | 26.137 | ng | 96   |
| 22) Acetophenone               | 8.81  | 105 | 227666 | 31.840 | ng | # 97 |
| 24) Nitrobenzene               | 9.19  | 77  | 178262 | 30.011 | ng | 94   |
| 25) Isophorone                 | 9.72  | 82  | 352063 | 29.668 | ng | 99   |
| 26) 2-Nitrophenol              | 9.90  | 139 | 81652  | 31.913 | ng | 98   |
| 27) 2,4-Dimethylphenol         | 9.97  | 122 | 134718 | 33.184 | ng | 94   |
| 28) bis(2-Chloroethoxy)methane | 10.20 | 93  | 190275 | 30.517 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.45 | 162 | 152301 | 32.489 | ng | 95   |
| 30) 1,2,4-Trichlorobenzene     | 10.66 | 180 | 161829 | 30.491 | ng | 99   |
| 31) Naphthalene                | 10.85 | 128 | 442594 | 30.599 | ng | 99   |
| 32) Benzoic acid               | 10.10 | 122 | 81131  | 27.827 | ng | 95   |
| 33) 4-Chloroaniline            | 10.96 | 127 | 45835  | 6.795  | ng | 96   |
| 34) Hexachlorobutadiene        | 11.14 | 225 | 109795 | 30.173 | ng | 98   |
| 35) Caprolactam                | 11.71 | 113 | 43397m | 23.261 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 12.08 | 107 | 177570 | 32.245 | ng | 98   |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 349924 | 31.168 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.68 | 142 | 335104 | 31.617 | ng | 93   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 196908 | 29.771 | ng | 98   |

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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-043020MSD

Manual Integrations  
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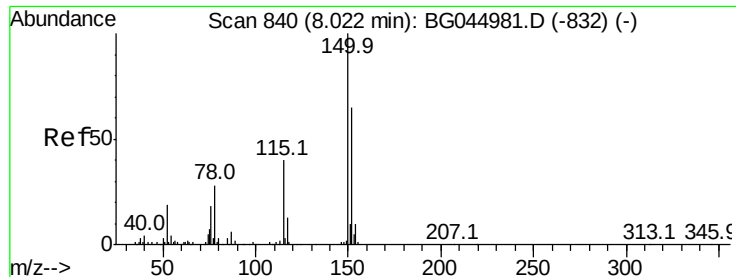
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Quant Time: May 01 19:35:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 01 11:17:49 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 255053   | 61.697 | nq    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.06 | 196  | 145309   | 31.128 | nq    | 92       |
| 44) 2,4,5-Trichlorophenol      | 13.14 | 196  | 157919   | 29.721 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.46 | 154  | 466575   | 29.882 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.50 | 162  | 355170   | 29.770 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.70 | 65   | 116657   | 29.719 | nq    | 98       |
| 49) Acenaphthylene             | 14.35 | 152  | 606929   | 31.232 | nq    | 99       |
| 50) Dimethylphthalate          | 14.09 | 163  | 558820   | 33.409 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.20 | 165  | 115686   | 30.921 | nq    | 97       |
| 52) Acenaphthene               | 14.70 | 154  | 443445m  | 33.726 | nq    |          |
| 53) 3-Nitroaniline             | 14.53 | 138  | 58202    | 14.184 | nq    | # 99     |
| 54) 2,4-Dinitrophenol          | 14.73 | 184  | 128452   | 57.739 | nq    | # 92     |
| 55) Dibenzofuran               | 15.03 | 168  | 590560   | 30.808 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.84 | 139  | 168114   | 52.840 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.99 | 165  | 163055   | 29.823 | nq    | # 97     |
| 58) Fluorene                   | 15.68 | 166  | 495130   | 31.622 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.26 | 232  | 157576   | 33.330 | nq    | 99       |
| 60) Diethylphthalate           | 15.45 | 149  | 531533   | 30.479 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 274187   | 30.423 | nq    | 97       |
| 62) 4-Nitroaniline             | 15.69 | 138  | 111358   | 26.165 | nq    | 93       |
| 63) Azobenzene                 | 15.97 | 77   | 503740   | 31.330 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.75 | 198  | 102674   | 31.293 | nq    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.88 | 169  | 445194   | 31.041 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.57 | 248  | 193200   | 30.002 | nq    | 95       |
| 68) Hexachlorobenzene          | 16.69 | 284  | 209037   | 31.299 | nq    | 98       |
| 69) Atrazine                   | 16.84 | 200  | 170932   | 31.213 | nq    | 99       |
| 70) Pentachlorophenol          | 17.04 | 266  | 250618   | 61.170 | nq    | 99       |
| 71) Phenanthrene               | 17.42 | 178  | 814784   | 31.765 | nq    | 99       |
| 72) Anthracene                 | 17.51 | 178  | 837901   | 32.565 | nq    | 99       |
| 73) Carbazole                  | 17.78 | 167  | 765528   | 29.318 | nq    | 97       |
| 74) Di-n-butylphthalate        | 18.35 | 149  | 928935   | 30.761 | nq    | 99       |
| 75) Fluoranthene               | 19.43 | 202  | 1029103  | 32.407 | nq    | 97       |
| 78) Pyrene                     | 19.79 | 202  | 1022521  | 31.266 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 408697   | 30.148 | nq    | 98       |
| 81) Benzo(a)anthracene         | 21.63 | 228  | 977856   | 31.804 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 253910   | 20.748 | nq    | 98       |
| 83) Chrysene                   | 21.69 | 228  | 923969   | 31.276 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 575026   | 30.842 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.75 | 149  | 984682   | 30.541 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.43 | 276  | 1233983  | 31.461 | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 23.81 | 252  | 1034846m | 31.543 | nq    |          |
| 89) Benzo(k)fluoranthene       | 23.89 | 252  | 1020569  | 32.710 | nq    | 100      |
| 90) Benzo(a)pyrene             | 24.67 | 252  | 962501   | 31.073 | nq    | # 97     |
| 91) Dibenzo(a,h)anthracene     | 28.49 | 278  | 1004287  | 32.176 | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 29.55 | 276  | 1027723  | 32.843 | nq    | 98       |

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





#1

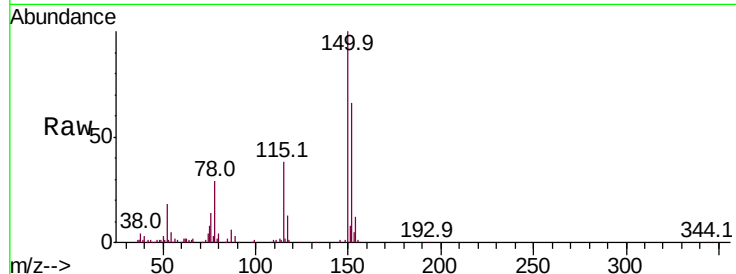
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.99 min Scan# 834  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.4 | 123.6 | 185.4 |
| 115     | 58.0  | 49.1  | 73.7  |

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Abundance

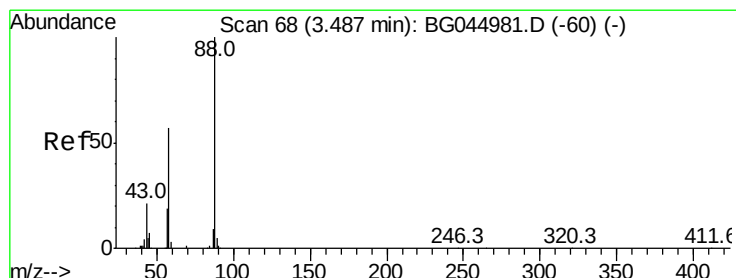
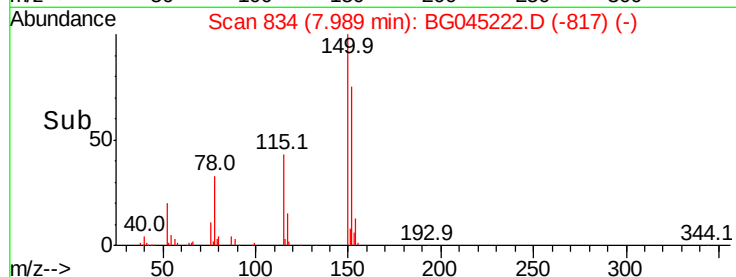
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.99

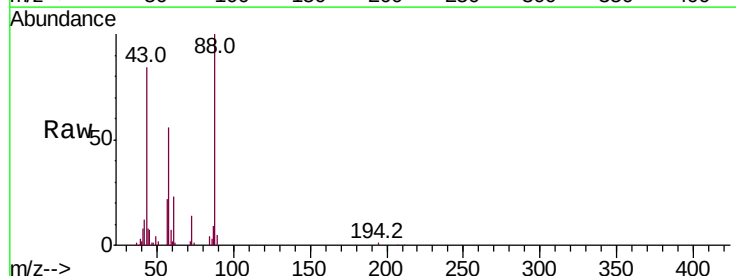
Time-->



#2

1,4-Dioxane  
Concen: 28.066 ng  
RT: 3.45 min Scan# 62  
Delta R.T. 0.01 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 55.5  | 46.6  | 69.8  |
| 43      | 96.2  | 17.5  | 26.3# |



Abundance

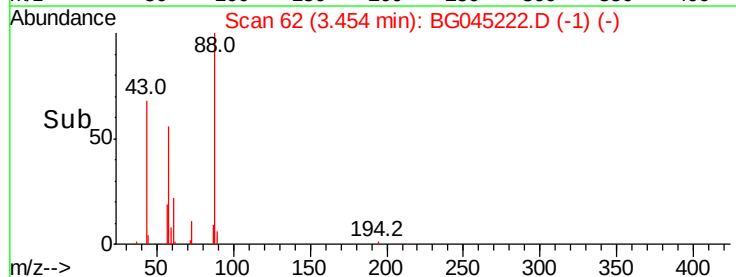
Ion 88.00 (87.70 to 88.70): BGC

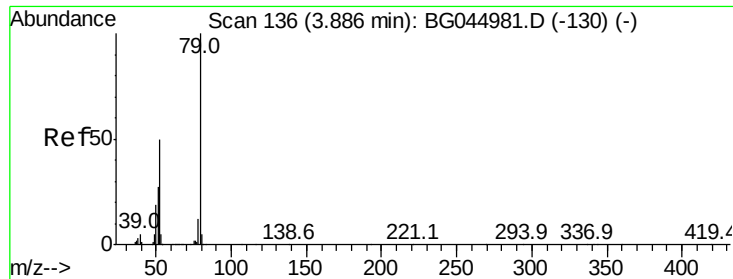
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

3.45

Time-->





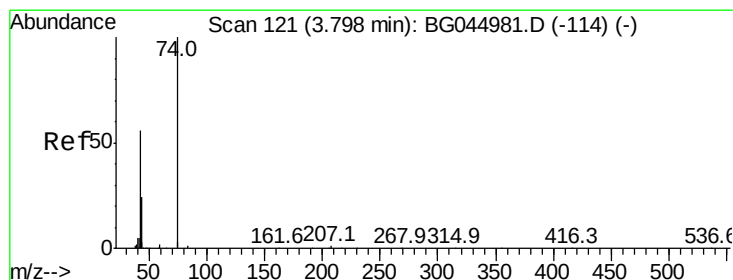
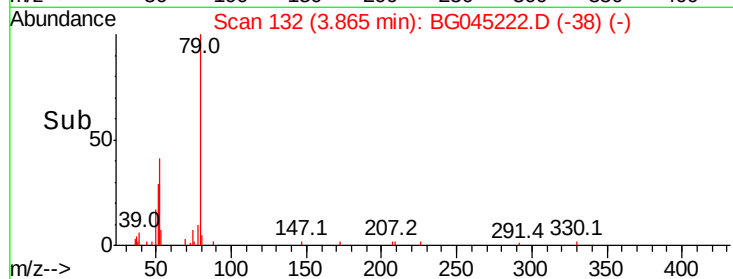
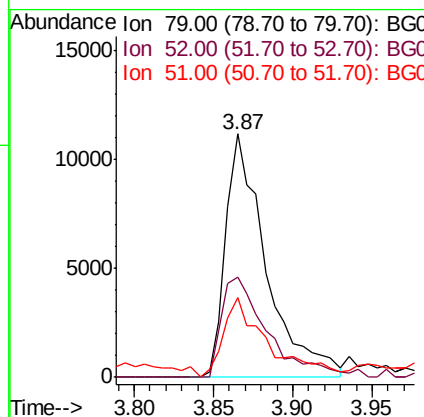
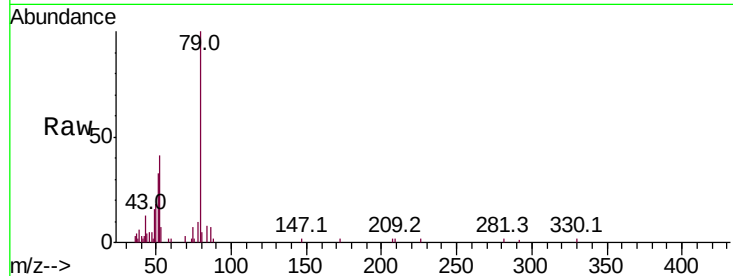
#3  
 Pvridine  
 Concen: 3.556 ng  
 RT: 3.87 min Scan# 132  
 Delta R.T. 0.02 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 41.2  | 39.8  | 59.6  |
| 51      | 33.0  | 21.4  | 32.2# |

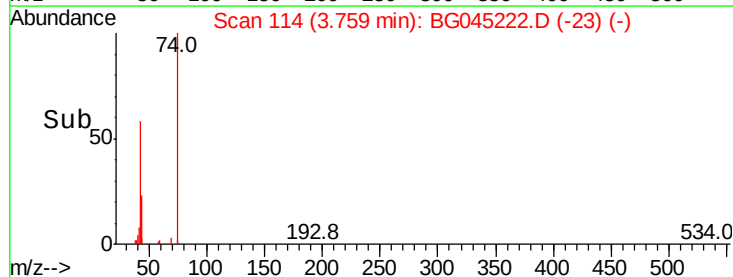
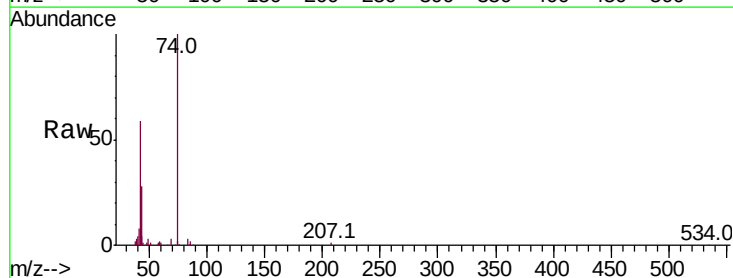
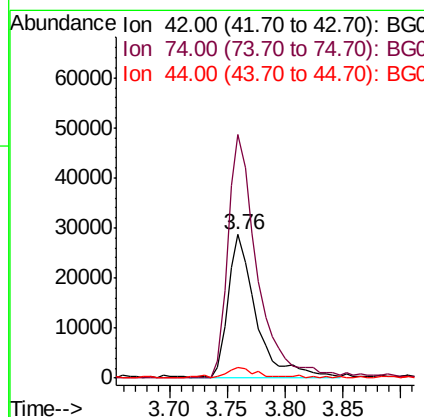
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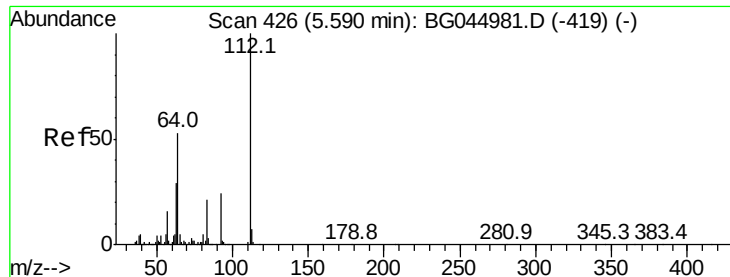
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#4  
 n-Nitrosodimethylamine  
 Concen: 28.555 ng  
 RT: 3.76 min Scan# 114  
 Delta R.T. 0.00 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 169.9 | 143.0 | 214.6 |
| 44      | 7.3   | 4.6   | 6.8#  |





#5

2-Fluorophenol

Concen: 87.270 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

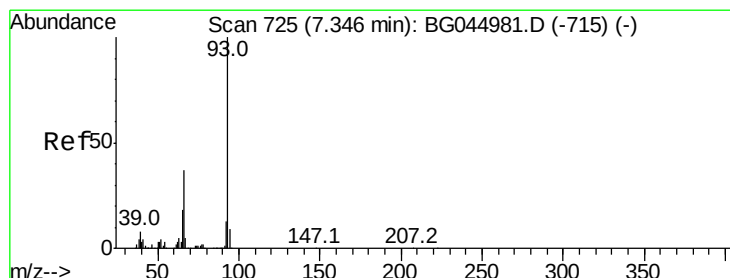
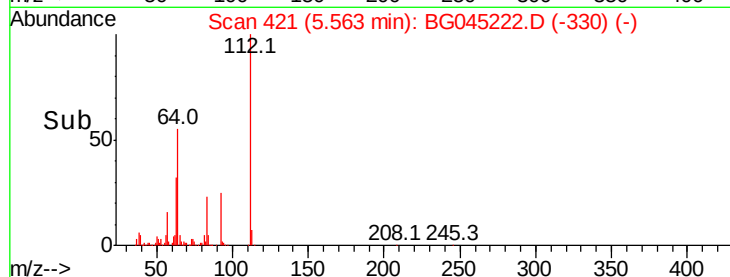
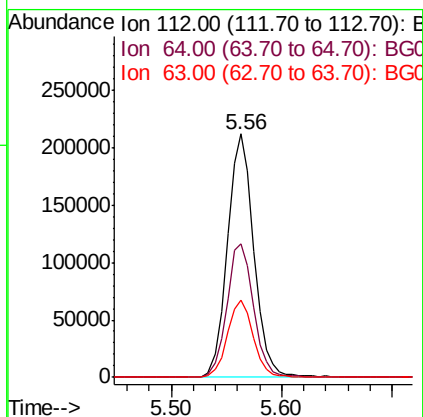
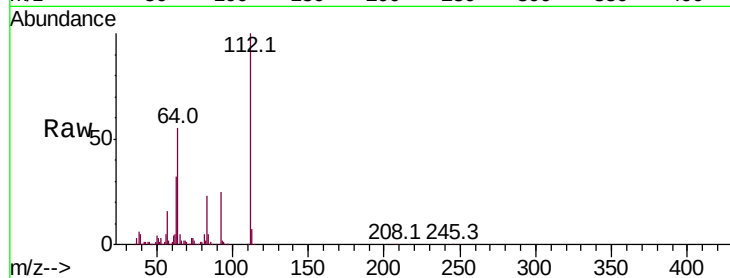
ClientSampleId :

SU-03-043020MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 354937 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 54.9  | 42.4  | 63.6   |
| 63        | 31.9  | 23.1  | 34.7   |

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#6

Aniline

Concen: 10.481 ng

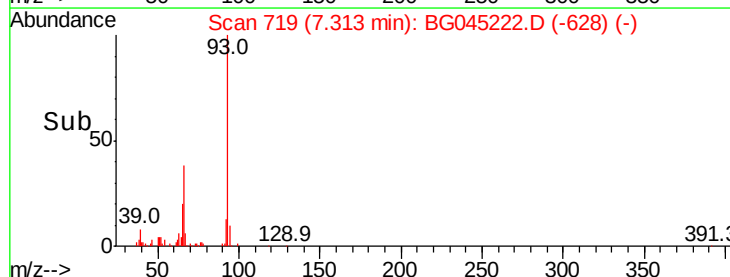
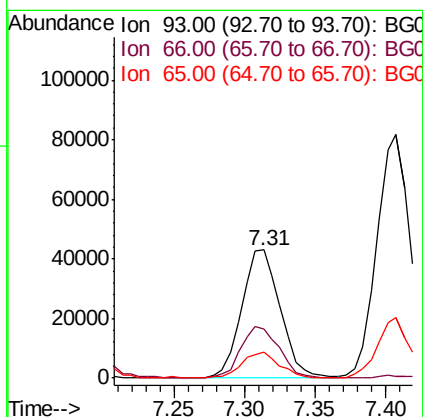
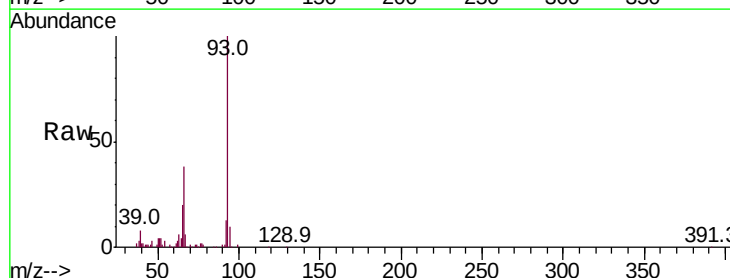
RT: 7.31 min Scan# 719

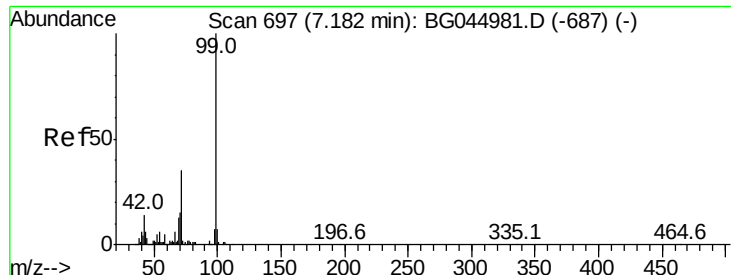
Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 82350 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 38.4  | 29.8  | 44.8  |
| 65        | 20.1  | 14.6  | 22.0  |





#7

Phenol-d6

Concen: 76.386 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

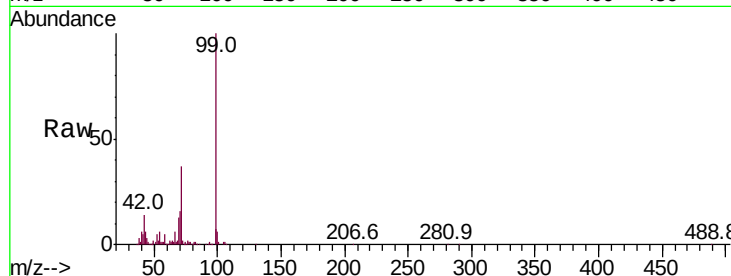
ClientSampleId :

SU-03-043020MSD

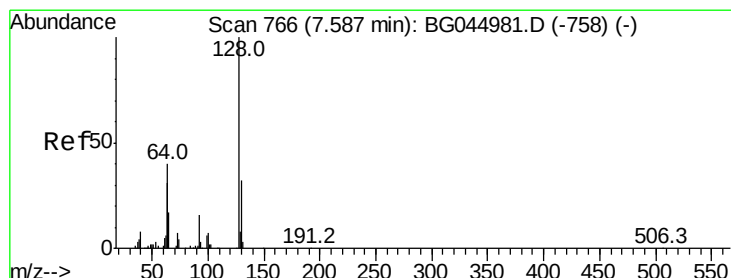
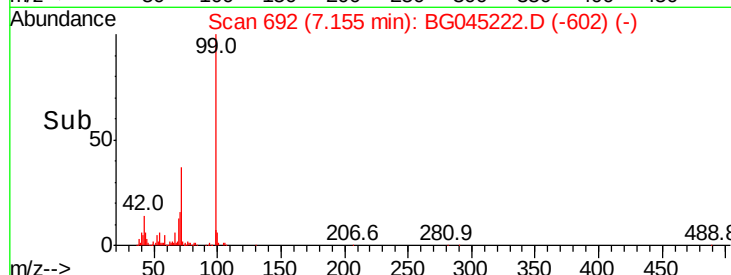
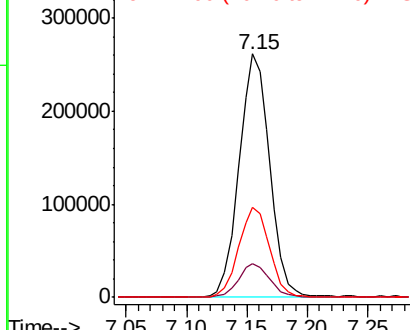
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 461578 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 13.7  | 11.3  | 16.9   |
| 71        | 36.8  | 28.3  | 42.5   |

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Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 31.935 ng

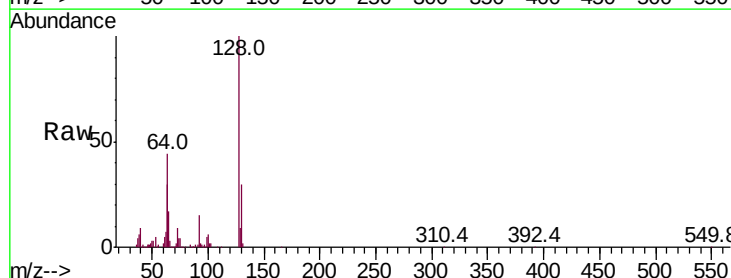
RT: 7.56 min Scan# 761

Delta R.T. 0.00 min

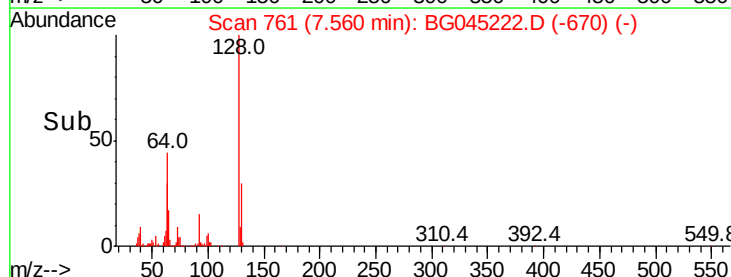
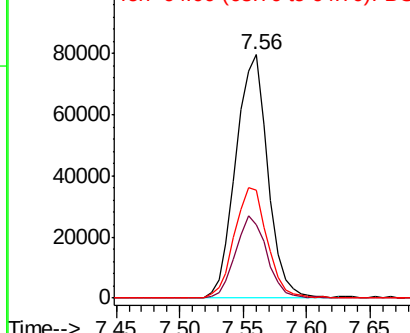
Lab File: BG045222.D

Acq: 1 May 2020 18:57

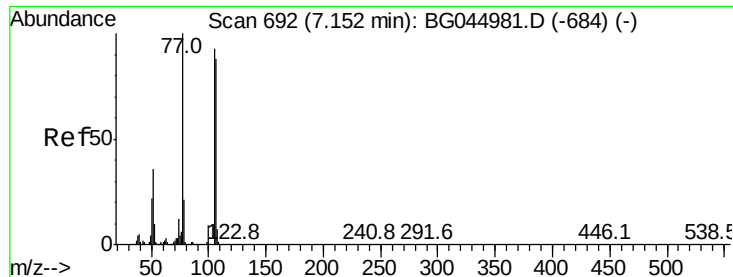
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|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 139590 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 29.9  | 12.3  | 52.3   |
| 64        | 44.3  | 24.4  | 64.4   |



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 37.925 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

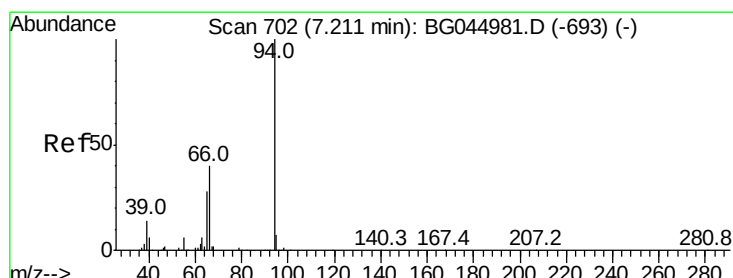
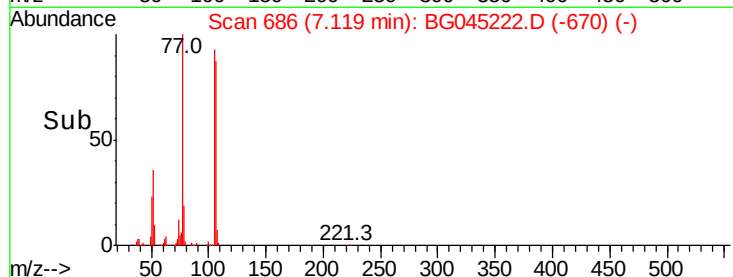
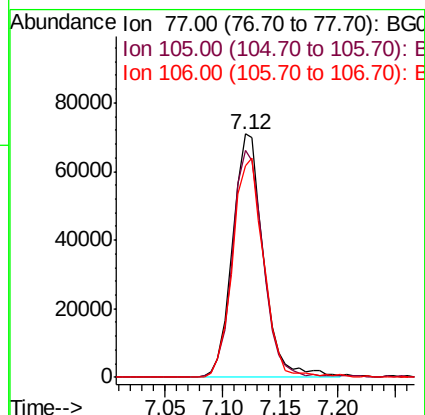
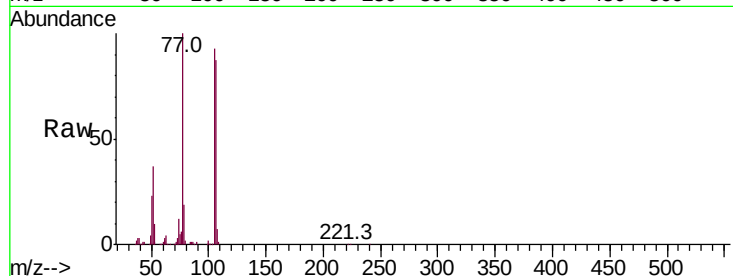
ClientSampleId :

SU-03-043020MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 131154 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 93.3  | 72.9  | 112.9  |
| 106       | 86.8  | 67.6  | 107.6  |

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#10

Phenol

Concen: 27.444 ng

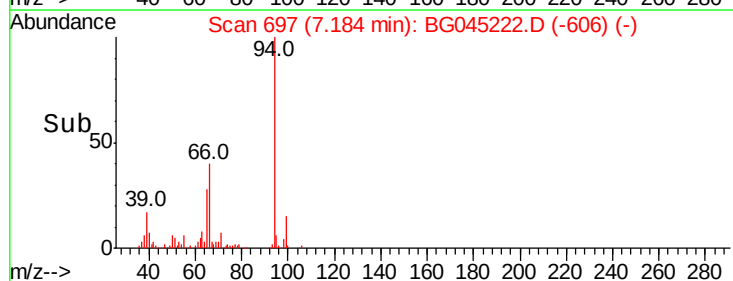
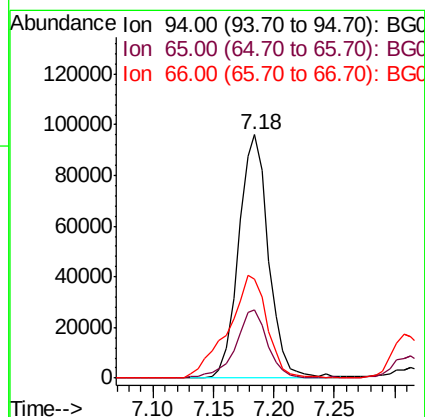
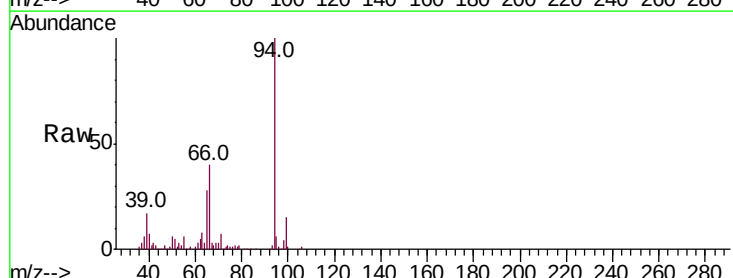
RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

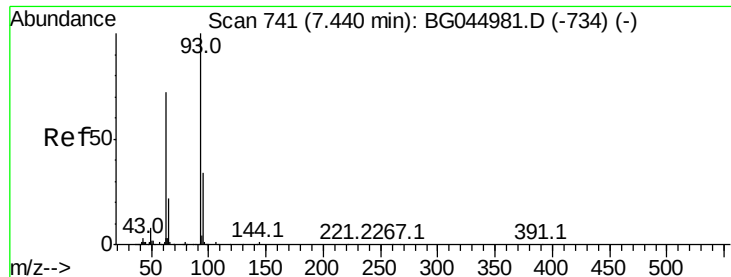
Lab File: BG045222.D

Acq: 1 May 2020 18:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 165952 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 27.8  | 8.2   | 48.2   |
| 66        | 40.4  | 20.4  | 60.4   |







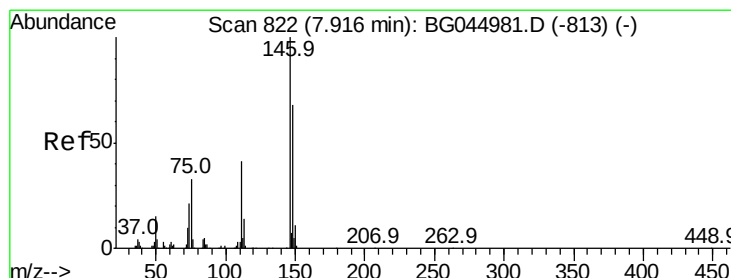
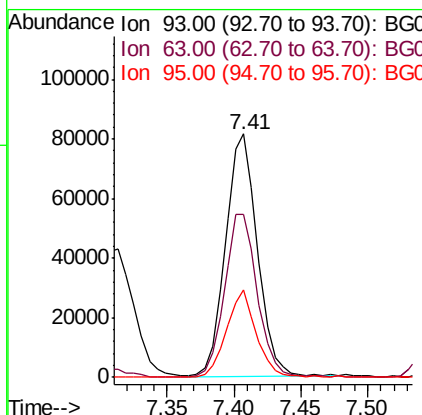
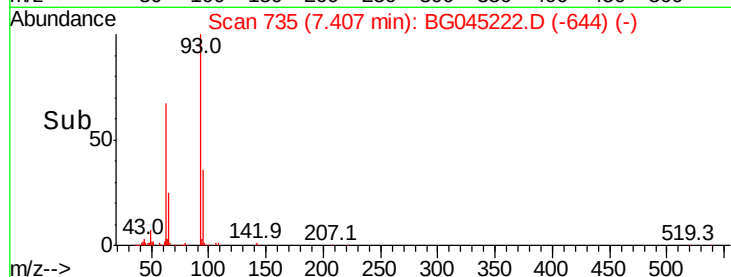
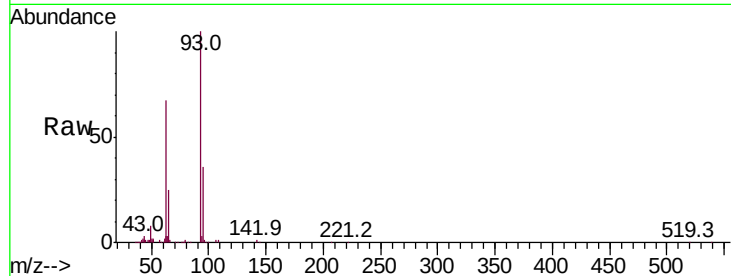
#11  
bis(2-Chloroethyl)ether  
Concen: 28.147 ng  
RT: 7.41 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 66.7  | 51.8  | 91.8  |
| 95      | 35.8  | 13.8  | 53.8  |

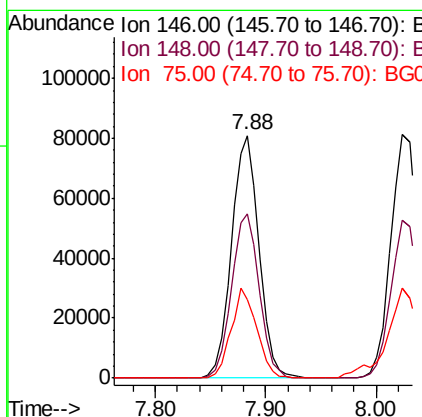
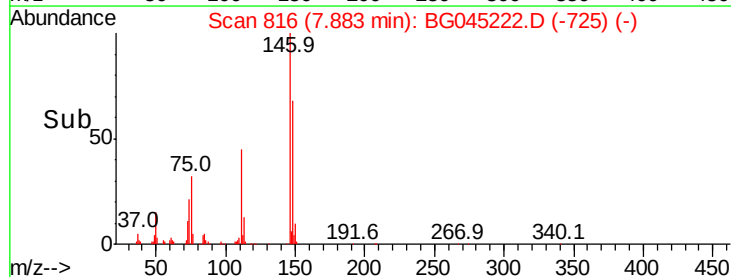
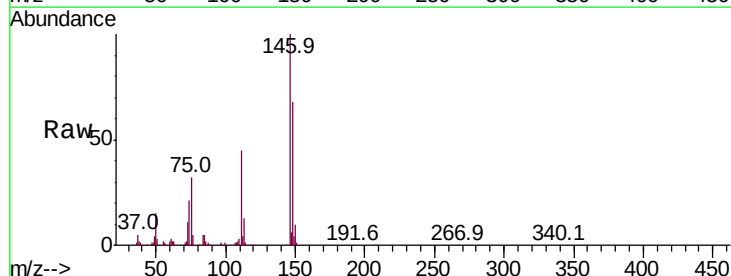
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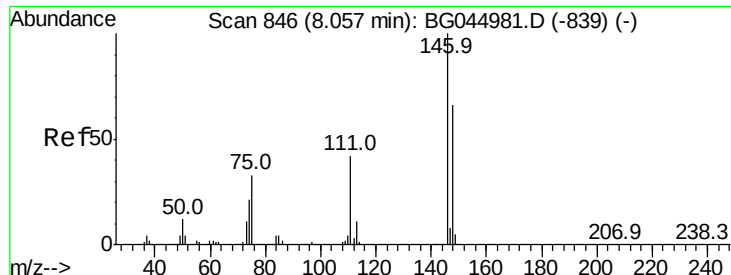
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 27.372 ng  
RT: 7.88 min Scan# 816  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.7  | 54.6  | 81.8  |
| 75      | 32.1  | 26.0  | 39.0  |





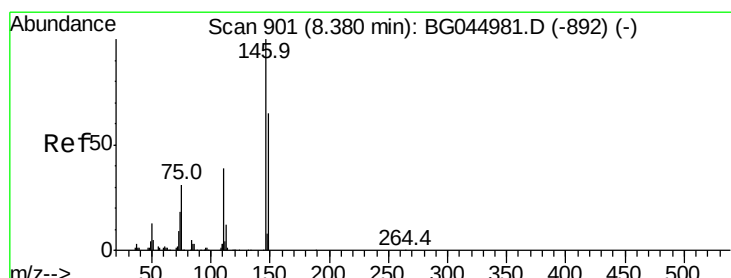
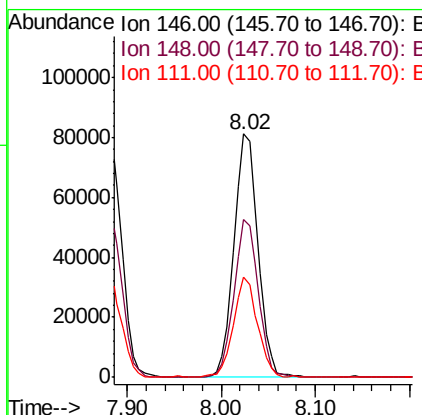
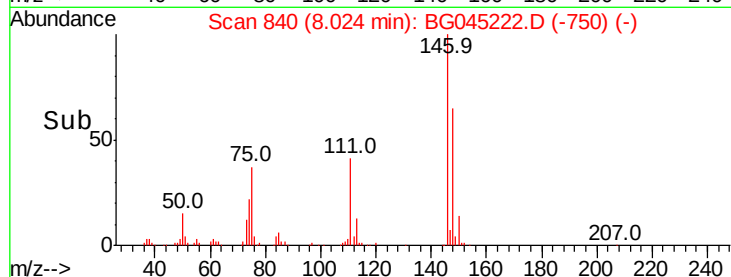
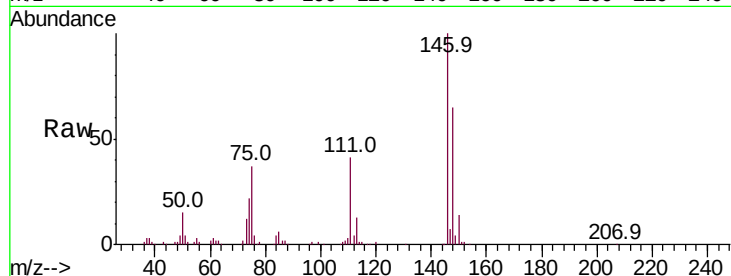
#13  
 1,4-Dichlorobenzene  
 Concen: 28.219 ng  
 RT: 8.02 min Scan# 840  
 Delta R.T. -0.00 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 53.3  | 79.9  |
| 111     | 40.9  | 33.8  | 50.8  |

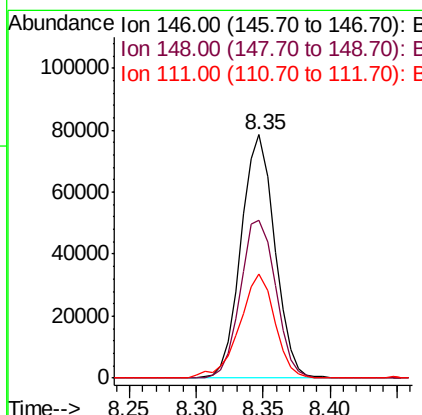
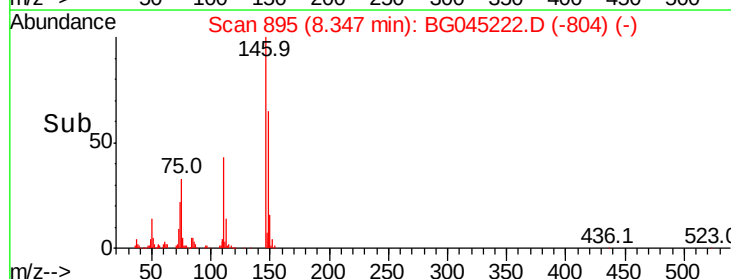
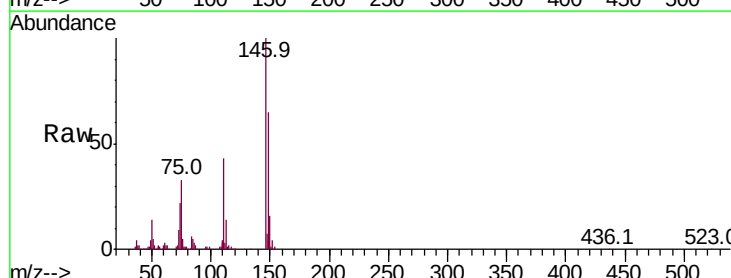
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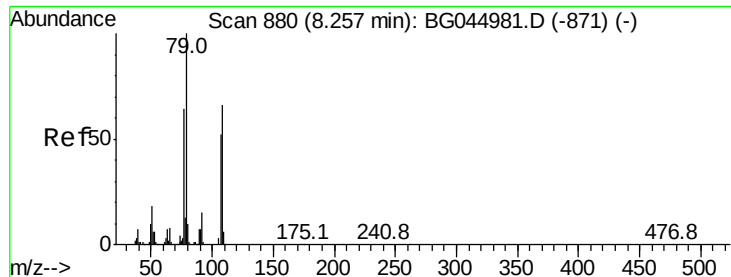
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#14  
 1,2-Dichlorobenzene  
 Concen: 28.010 ng  
 RT: 8.35 min Scan# 895  
 Delta R.T. 0.00 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 51.9  | 77.9  |
| 111     | 43.0  | 31.3  | 46.9  |





#15

Benzyl Alcohol

Concen: 27.148 ng

RT: 8.22 min Scan# 874

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

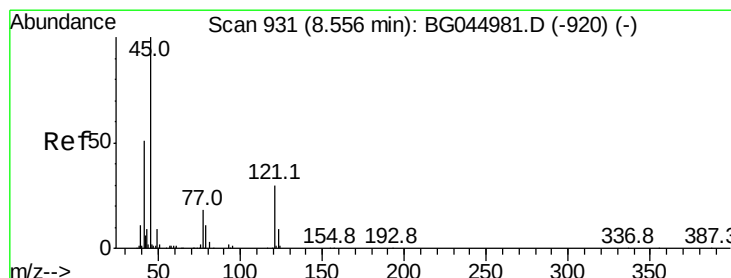
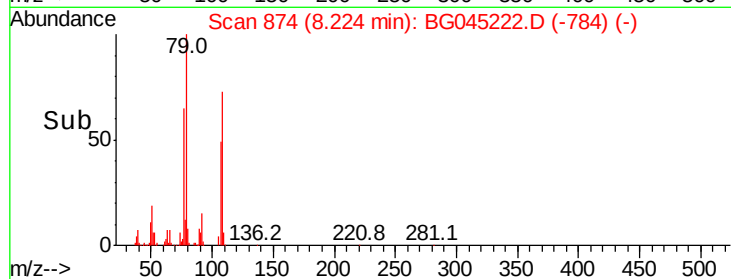
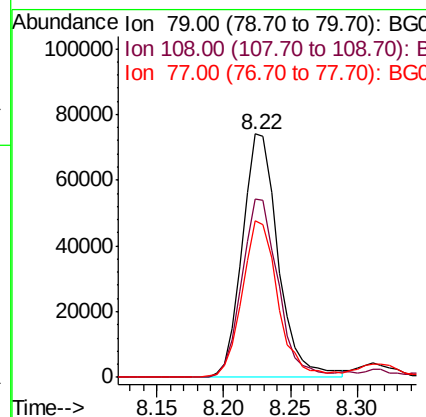
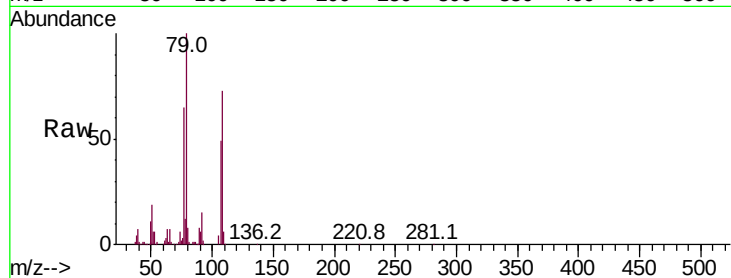
ClientSampleId :

SU-03-043020MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 137541 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 73.5  | 52.7  | 79.1   |
| 77        | 64.6  | 51.3  | 76.9   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.869 ng

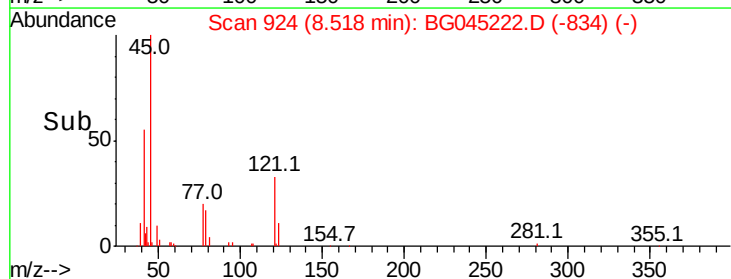
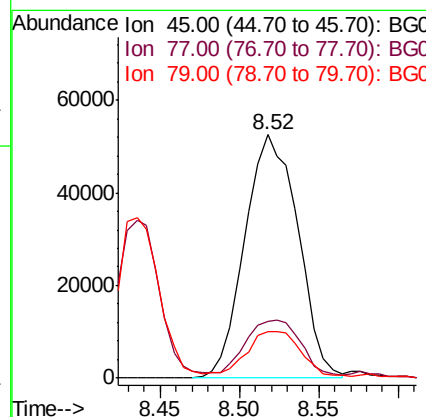
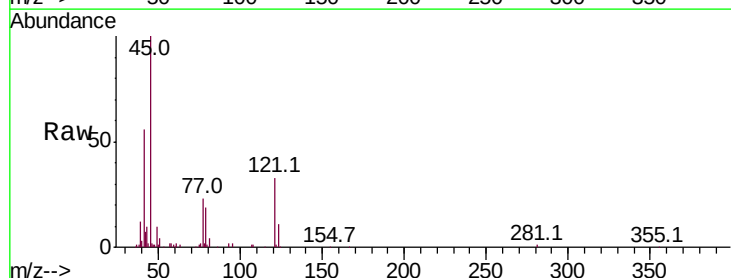
RT: 8.52 min Scan# 924

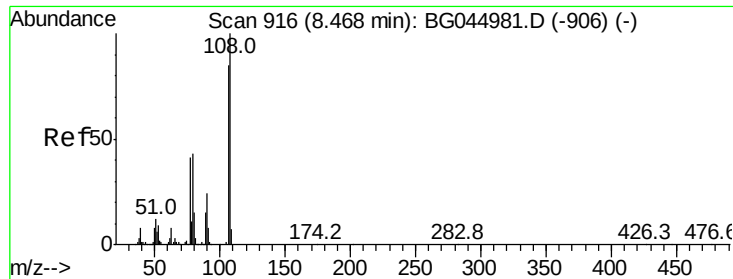
Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 122256 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 23.2  | 1.9   | 41.9   |
| 79        | 19.1  | 0.0   | 35.5   |





#17

2-Methylphenol

Concen: 26.936 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

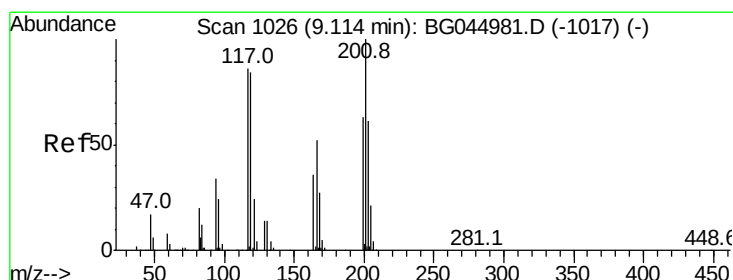
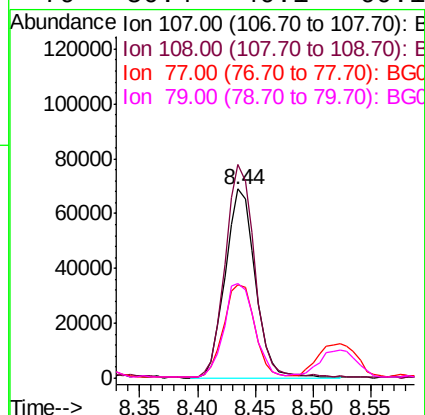
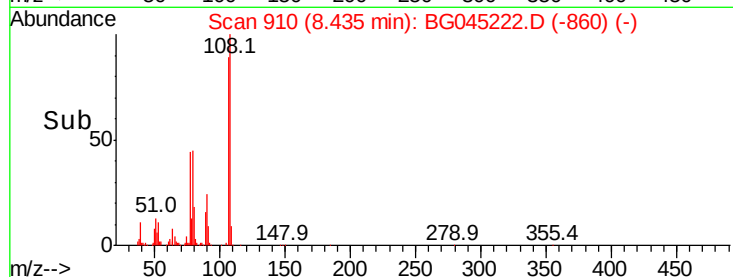
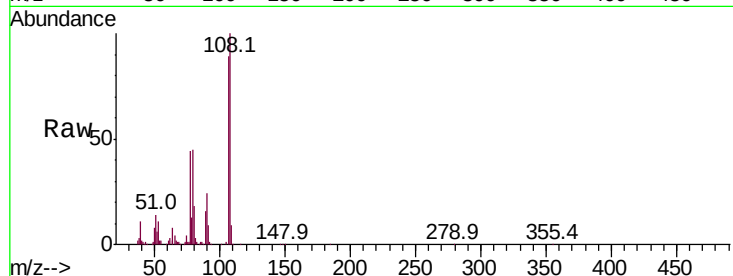
ClientSampleId :

SU-03-043020MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.8 | 93.8 | 140.6 |       |
| 77      | 49.6  | 38.5 | 57.7  |       |
| 79      | 50.4  | 40.1 | 60.1  |       |

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#18

Hexachloroethane

Concen: 28.330 ng

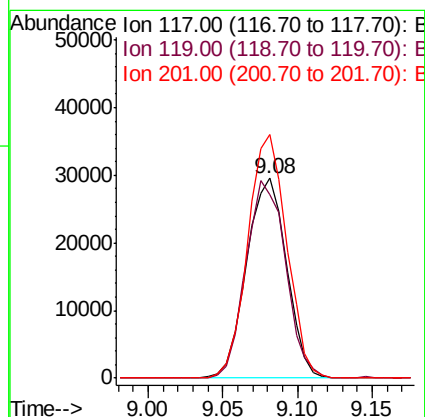
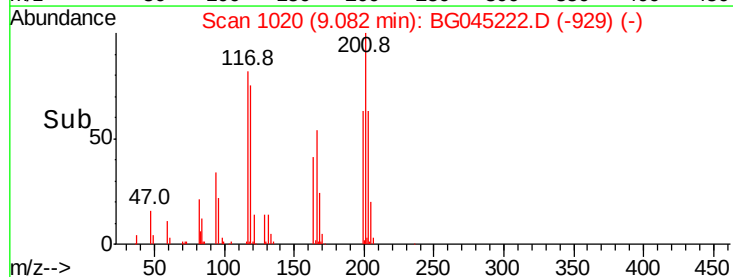
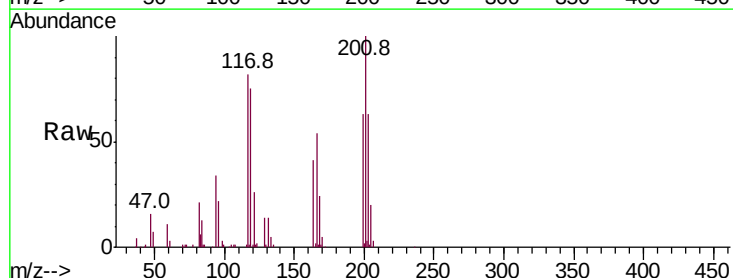
RT: 9.08 min Scan# 1020

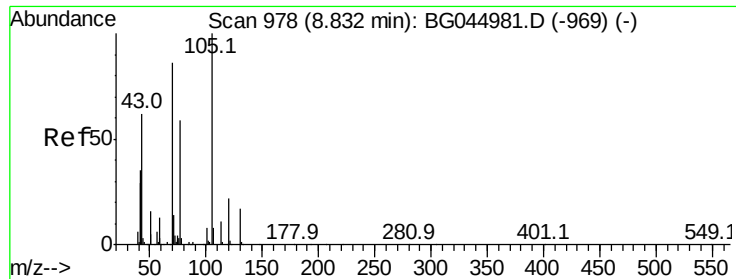
Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 91.9  | 78.3 | 117.5 |       |
| 201     | 122.0 | 92.9 | 139.3 |       |





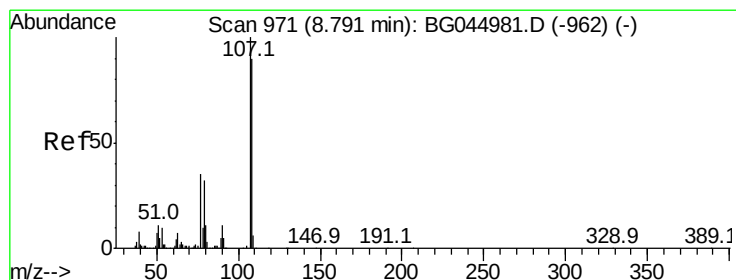
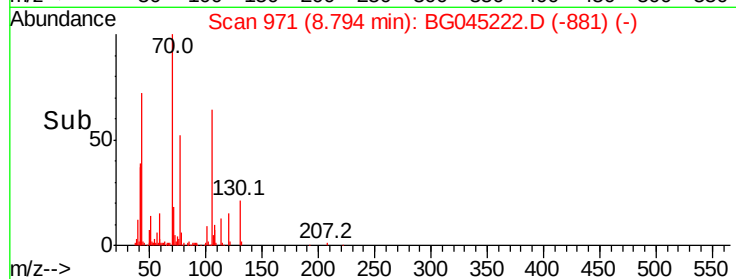
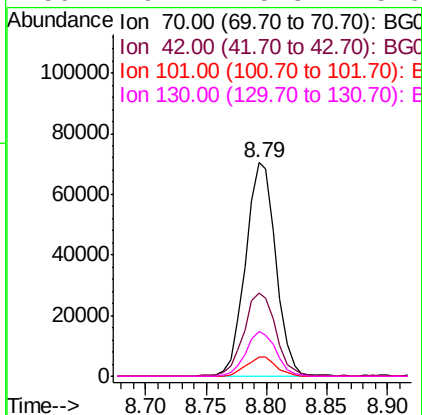
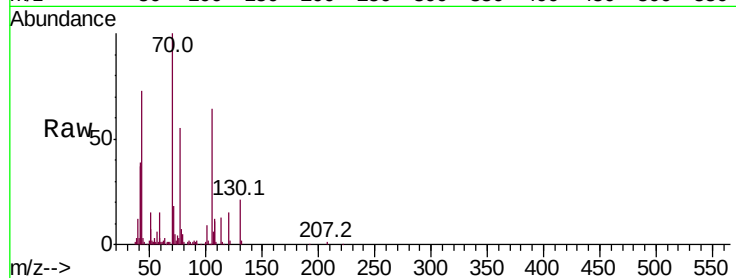
#19  
n-Nitroso-di-n-propylamine  
Concen: 28.720 ng  
RT: 8.79 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 39.1  | 33.3  | 49.9  |
| 101     | 9.1   | 7.8   | 11.8  |
| 130     | 20.7  | 15.8  | 23.6  |

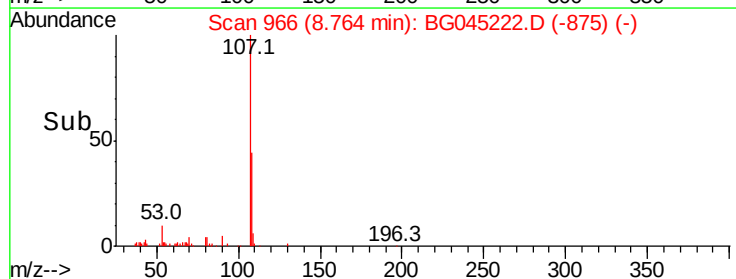
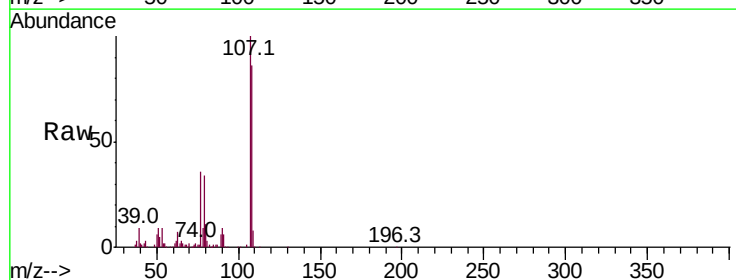
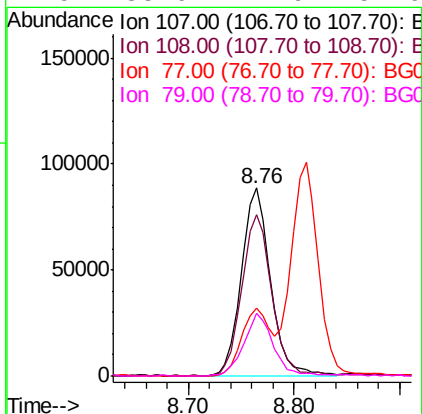
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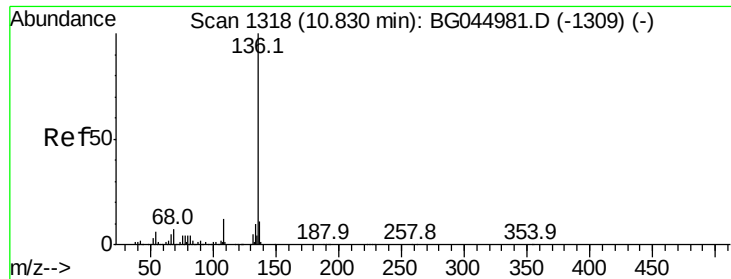
mohammad  
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#20  
3+4-Methylphenols  
Concen: 26.137 ng  
RT: 8.76 min Scan# 966  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.9  | 69.9  | 109.9 |
| 77      | 36.4  | 15.2  | 55.2  |
| 79      | 33.6  | 11.6  | 51.6  |





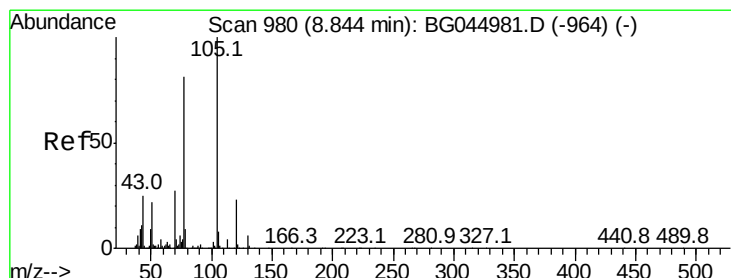
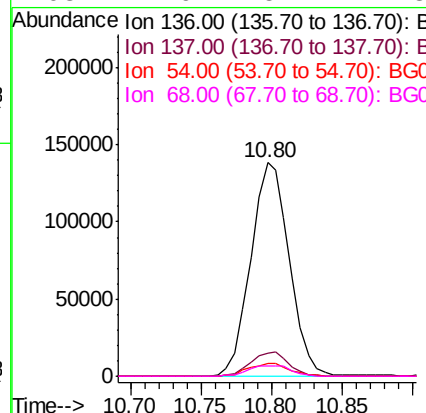
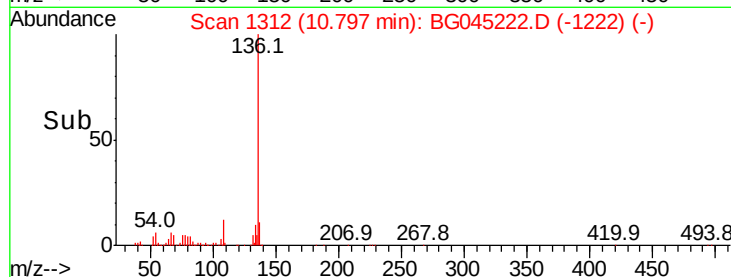
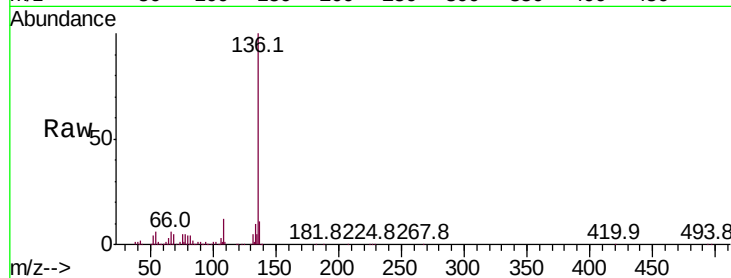
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.80 min Scan# 1312  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 264409 |       |       |
| 137     | 11.0  | 8.6    | 13.0  |       |
| 54      | 6.2   | 4.8    | 7.2   |       |
| 68      | 4.9   | 5.2    | 7.8   |       |

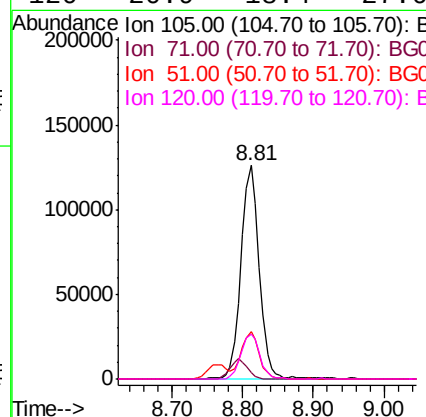
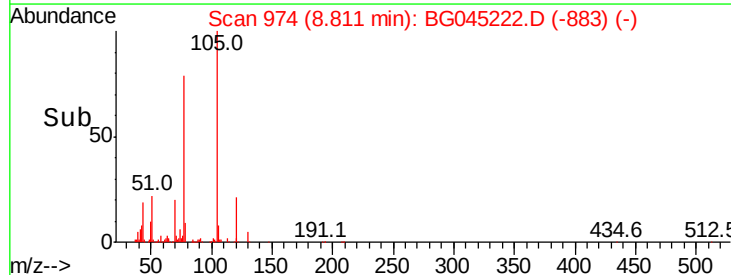
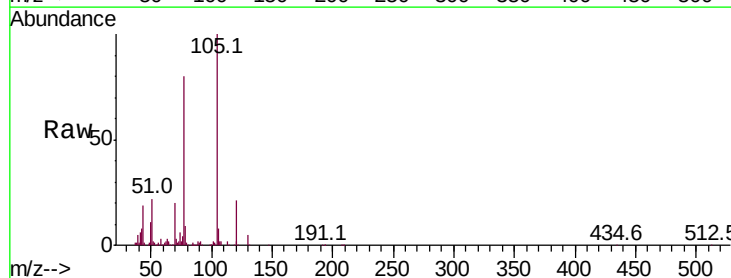
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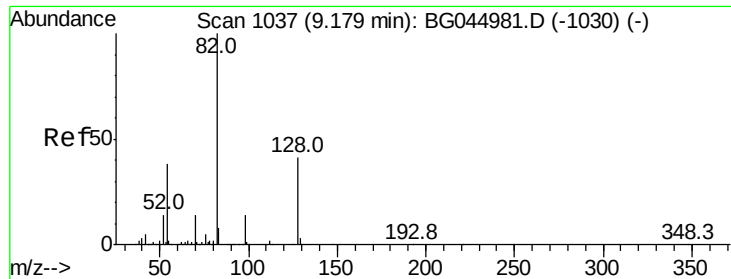
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#22  
Acetophenone  
Concen: 31.840 ng  
RT: 8.81 min Scan# 974  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 227666 |       |       |
| 71      | 2.8   | 3.3    | 4.9   |       |
| 51      | 22.3  | 17.3   | 25.9  |       |
| 120     | 20.9  | 18.4   | 27.6  |       |





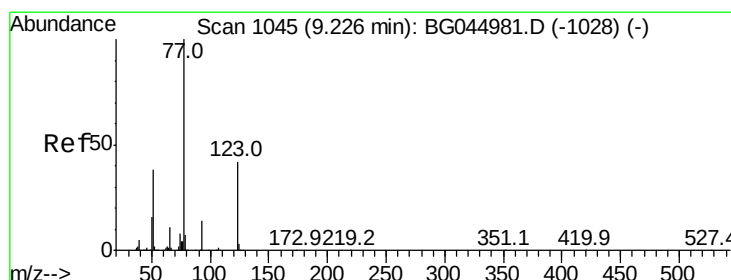
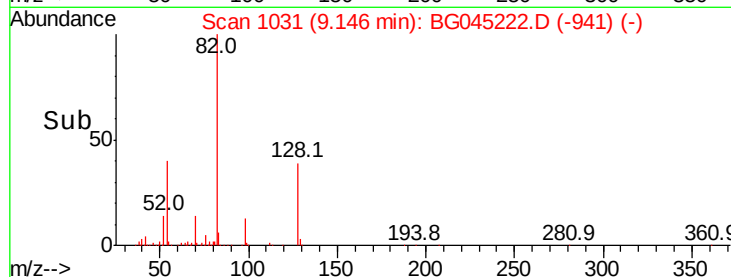
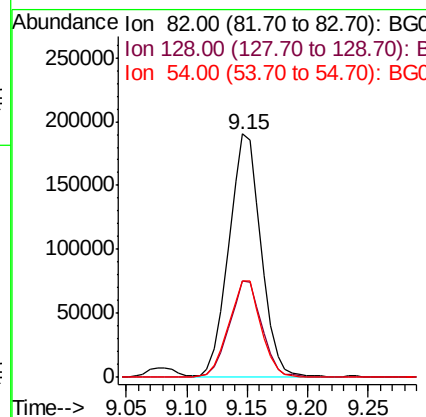
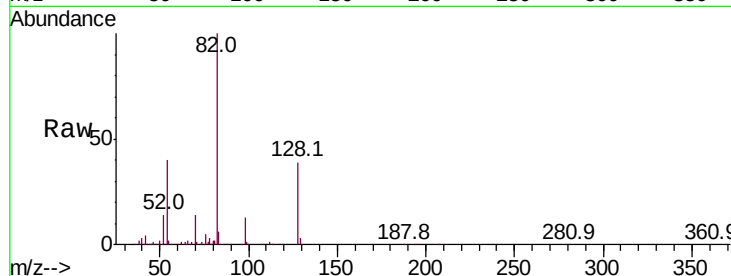
#23  
Nitrobenzene-d5  
Concen: 60.466 ng  
RT: 9.15 min Scan# 1031  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 39.5  | 33.0 | 49.4  |       |
| 54      | 39.7  | 30.4 | 45.6  |       |

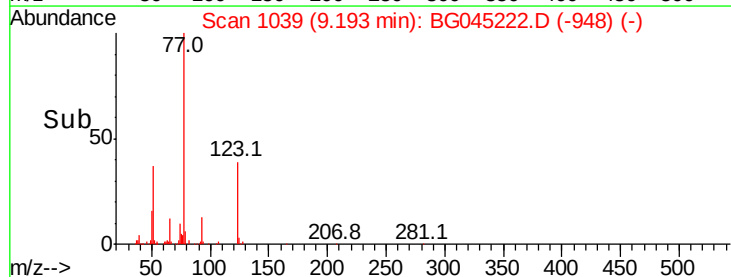
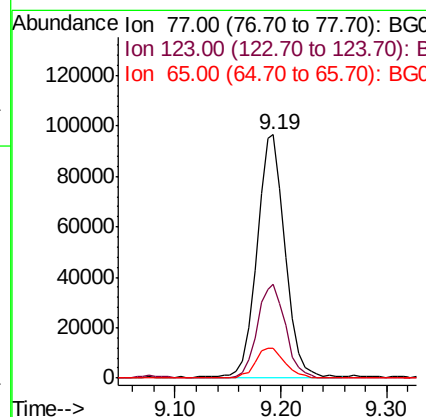
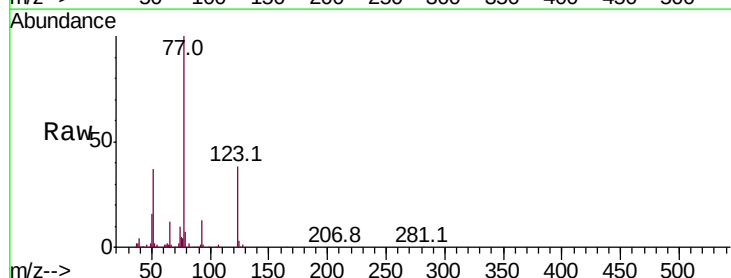
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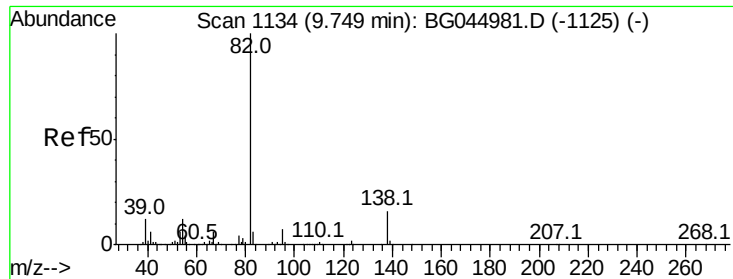


#24  
Nitrobenzene  
Concen: 30.011 ng  
RT: 9.19 min Scan# 1039  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 38.5  | 34.3 | 51.5  |       |
| 65      | 12.1  | 8.9  | 13.3  |       |







#25

Isophorone

Concen: 29.668 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

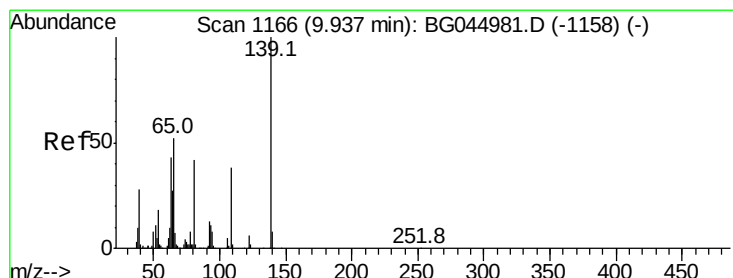
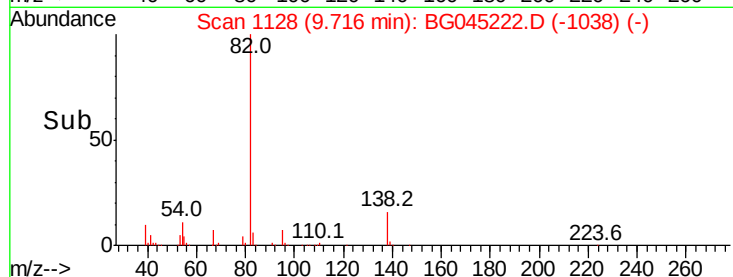
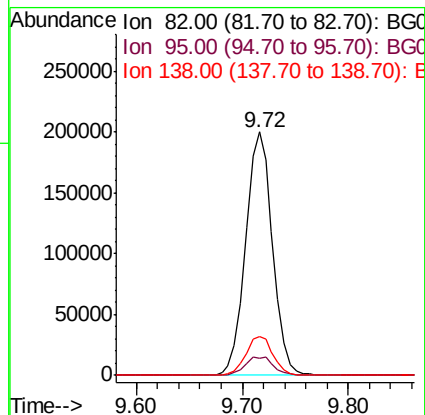
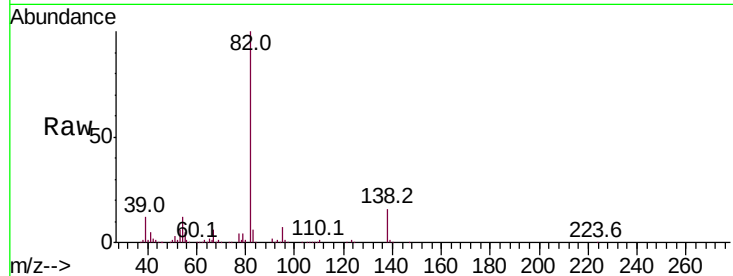
ClientSampleId :

SU-03-043020MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 352063 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.1   | 6.0   | 9.0    |
| 138       | 16.2  | 12.7  | 19.1   |

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#26

2-Nitrophenol

Concen: 31.913 ng

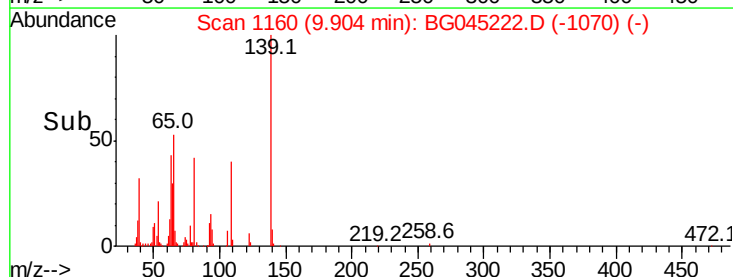
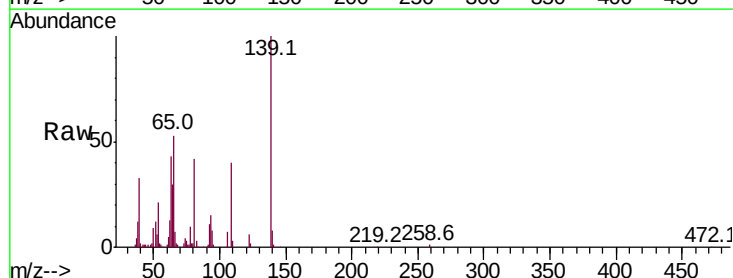
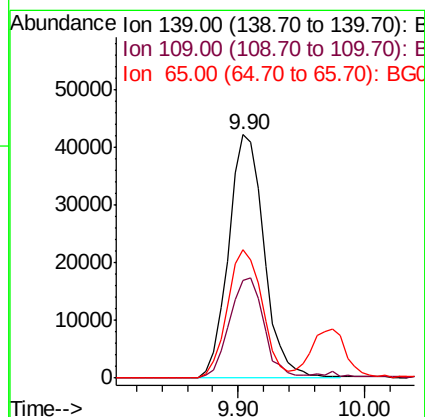
RT: 9.90 min Scan# 1160

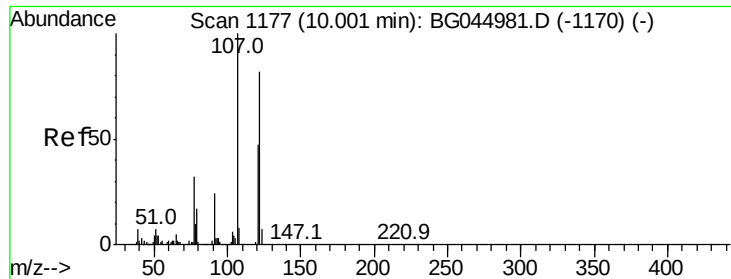
Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 81652 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 40.0  | 30.6  | 45.8  |
| 65        | 52.9  | 41.8  | 62.6  |





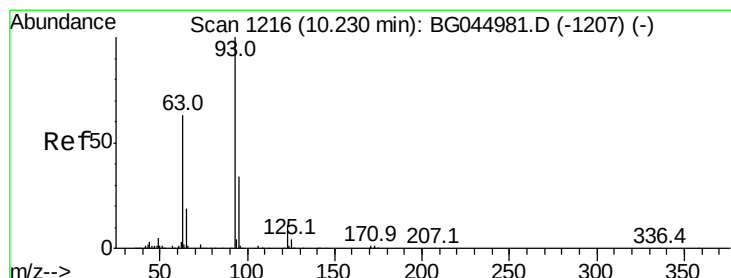
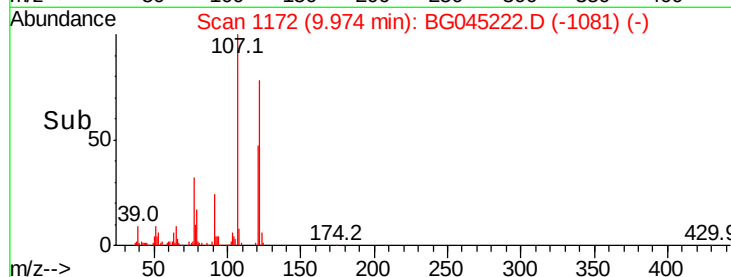
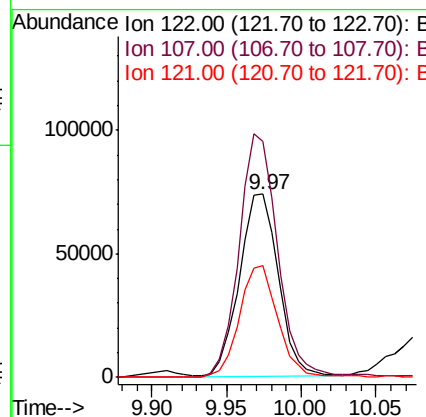
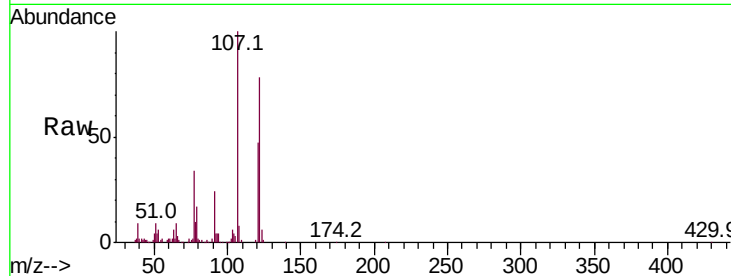
#27  
2,4-Dimethylphenol  
Concen: 33.184 ng  
RT: 9.97 min Scan# 1172  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 134718 |       |       |
| 107     | 128.6 | 96.8   | 145.2 |       |
| 121     | 60.7  | 45.6   | 68.4  |       |

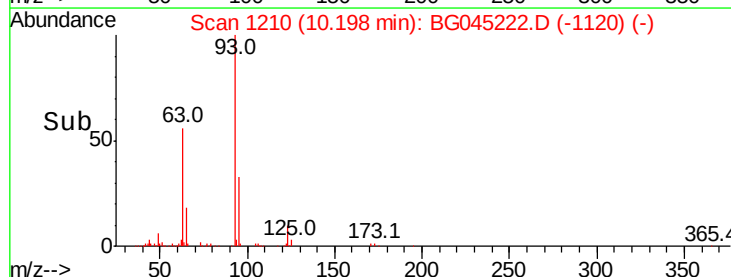
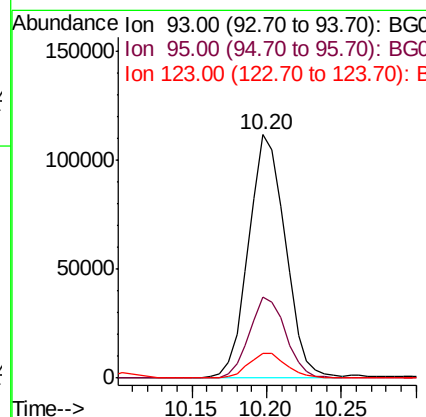
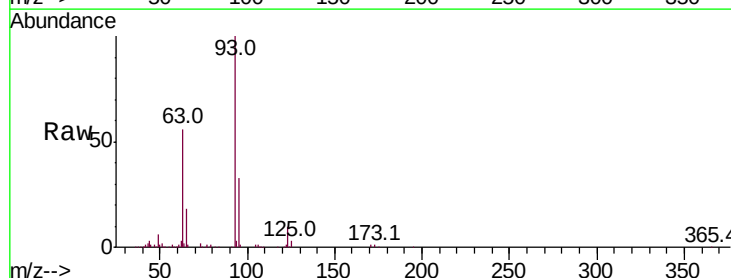
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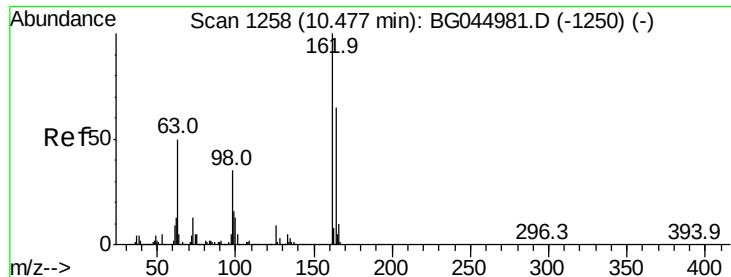
mohammad  
5/4/2020 3:46:18 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 30.517 ng  
RT: 10.20 min Scan# 1210  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 190275 |       |       |
| 95      | 33.2  | 27.0   | 40.4  |       |
| 123     | 10.4  | 8.7    | 13.1  |       |





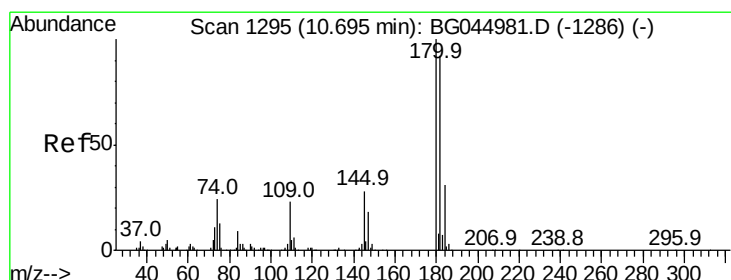
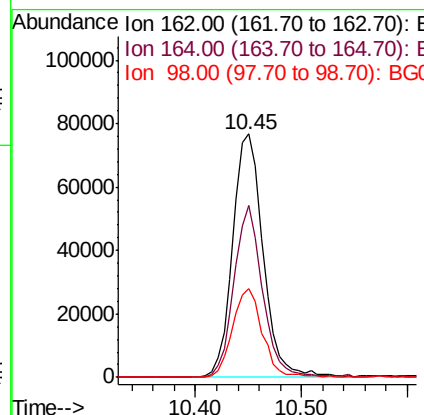
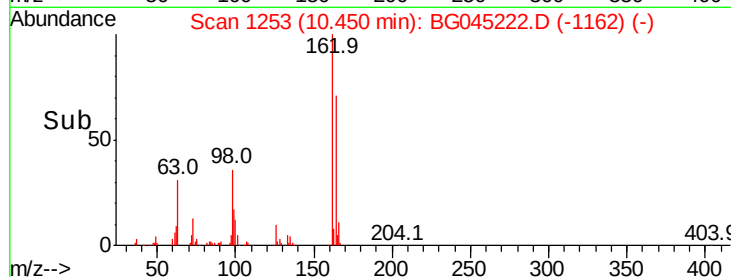
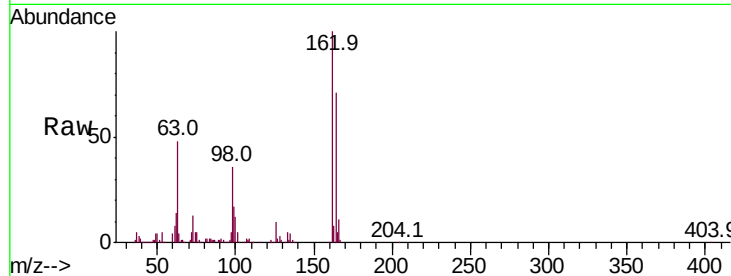
#29  
2,4-Dichlorophenol  
Concen: 32.489 ng  
RT: 10.45 min Scan# 1253  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 152301 |       |       |
| 164     | 70.6  | 45.0   | 85.0  |       |
| 98      | 36.3  | 15.2   | 55.2  |       |

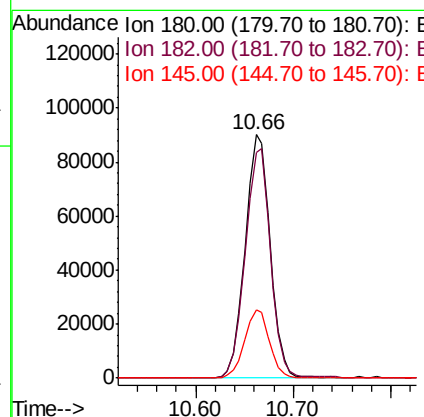
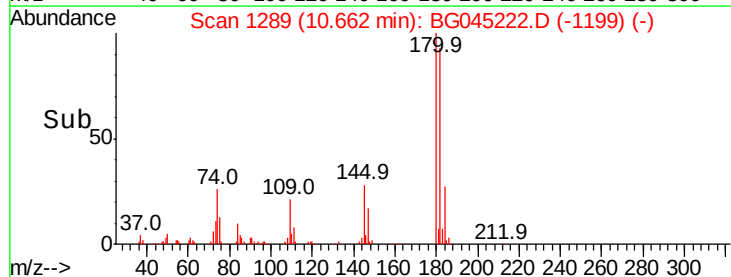
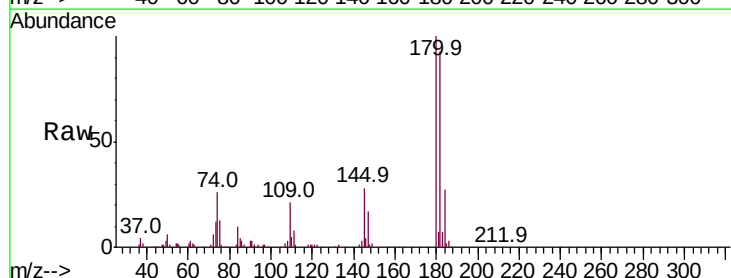
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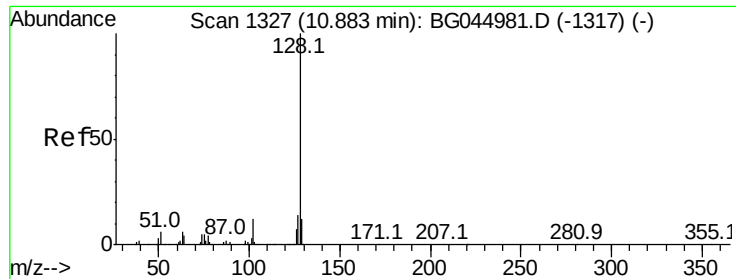
mohammad  
5/4/2020 3:46:18 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 30.491 ng  
RT: 10.66 min Scan# 1289  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 161829 |       |       |
| 182     | 92.7  | 73.3   | 109.9 |       |
| 145     | 28.3  | 22.6   | 33.8  |       |





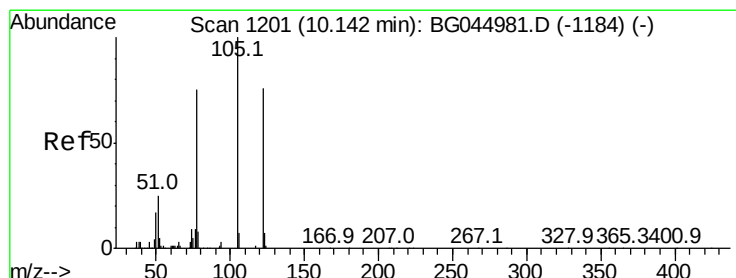
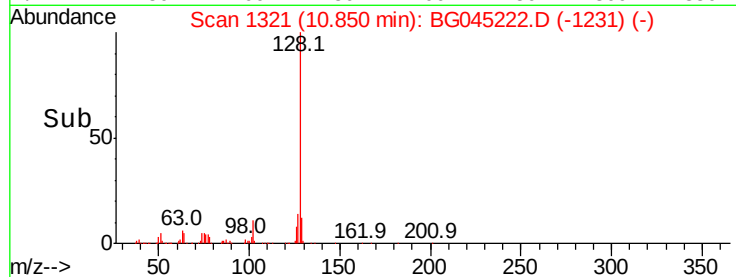
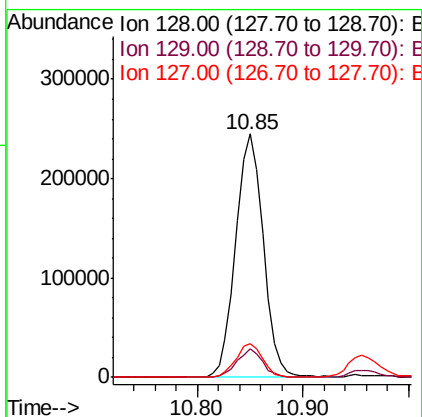
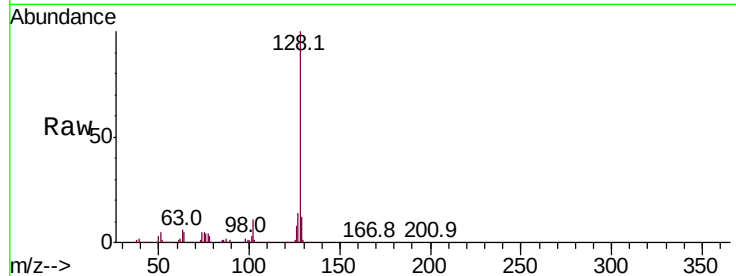
#31  
Naphthalene  
Concen: 30.599 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.6  | 9.4   | 14.2  |
| 127     | 13.8  | 10.8  | 16.2  |

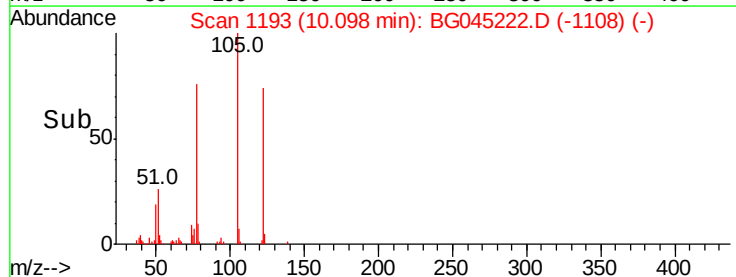
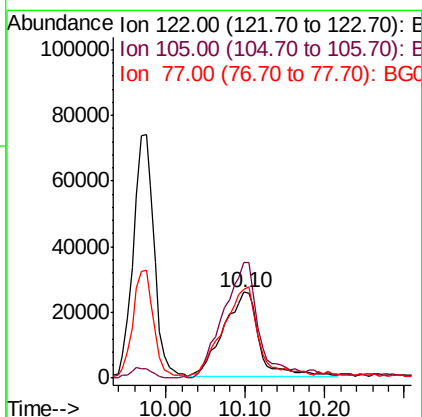
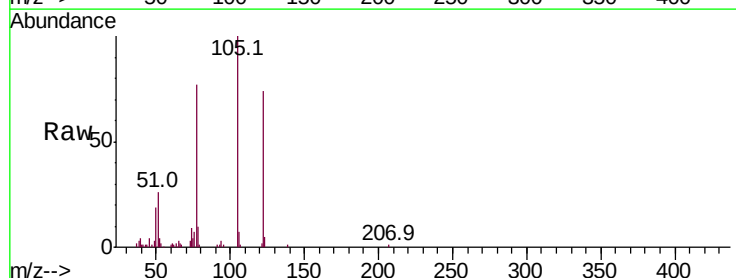
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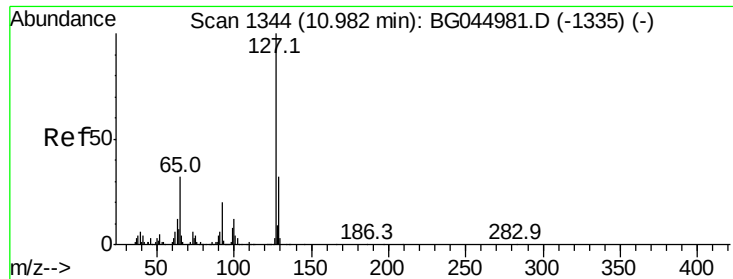
mohammad  
5/4/2020 3:46:18 PM



#32  
Benzoic acid  
Concen: 27.827 ng  
RT: 10.10 min Scan# 1193  
Delta R.T. -0.03 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 135.1 | 108.4 | 148.4 |
| 77      | 103.9 | 78.8  | 118.8 |





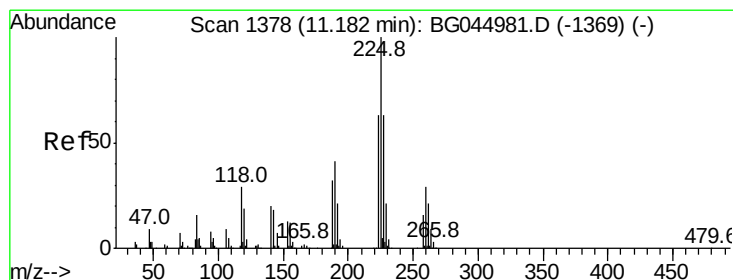
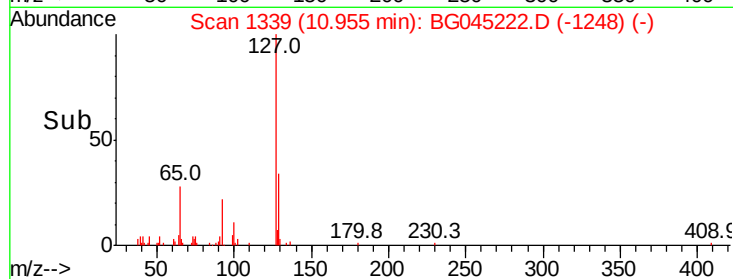
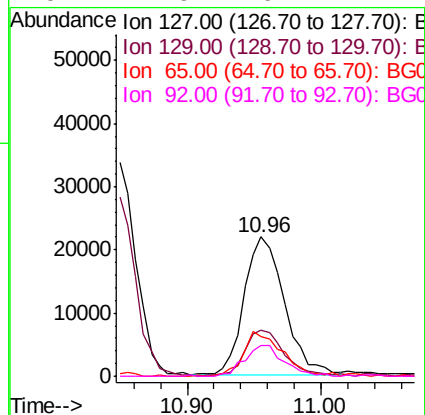
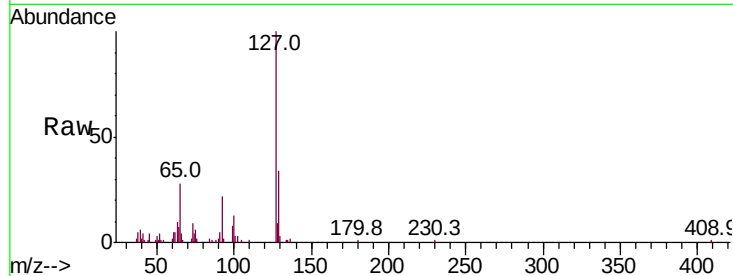
#33  
4-Chloroaniline  
Concen: 6.795 ng  
RT: 10.96 min Scan# 1339  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.5  | 25.7  | 38.5  |
| 65      | 28.3  | 25.4  | 38.2  |
| 92      | 21.9  | 16.1  | 24.1  |

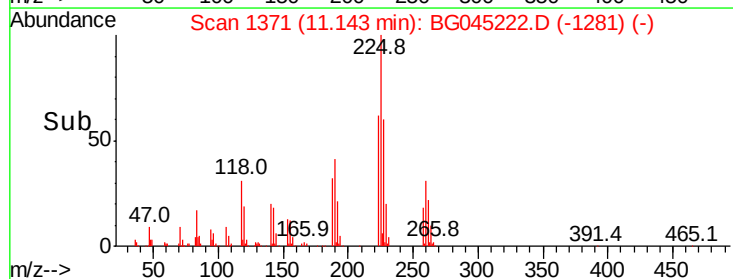
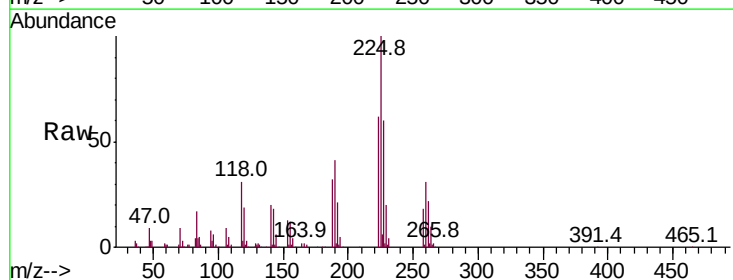
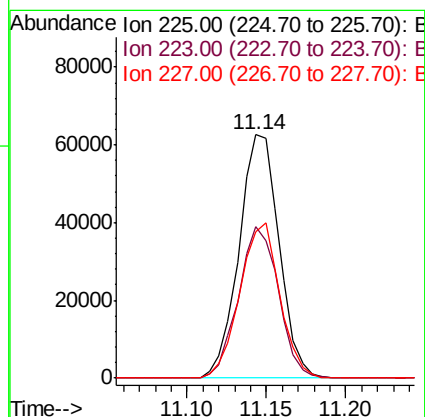
Manual Integrations  
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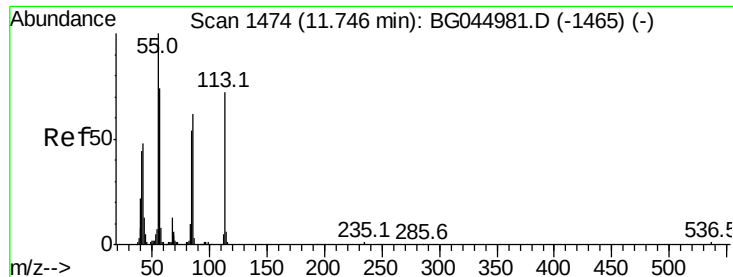
mohammad  
5/4/2020 3:46:18 PM



#34  
Hexachlorobutadiene  
Concen: 30.173 ng  
RT: 11.14 min Scan# 1371  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 50.7  | 76.1  |
| 227     | 60.2  | 50.2  | 75.2  |





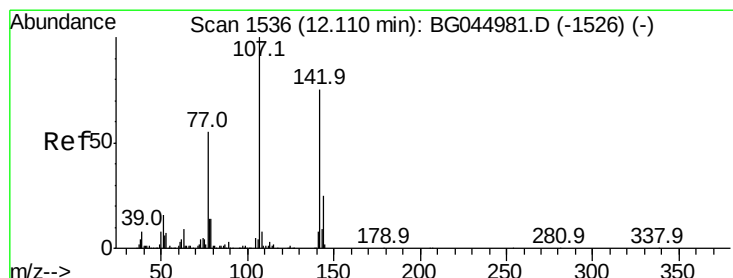
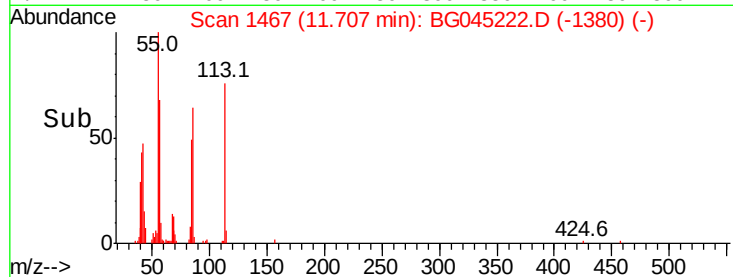
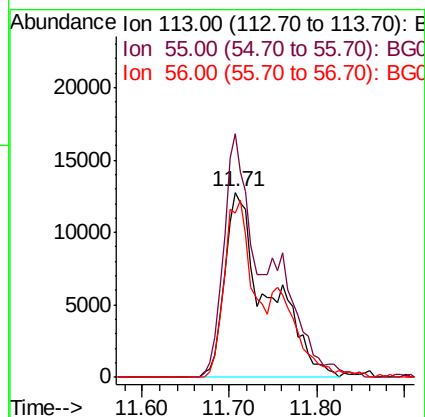
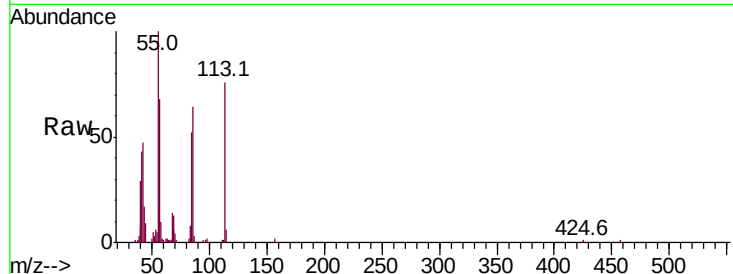
#35  
 Caprolactam  
 Concen: 23.261 ng/ml  
 RT: 11.71 min Scan# 1467  
 Delta R.T. -0.02 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-043020MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 43397 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 131.6 | 118.8 | 158.8 |
| 56        | 88.9  | 82.6  | 122.6 |

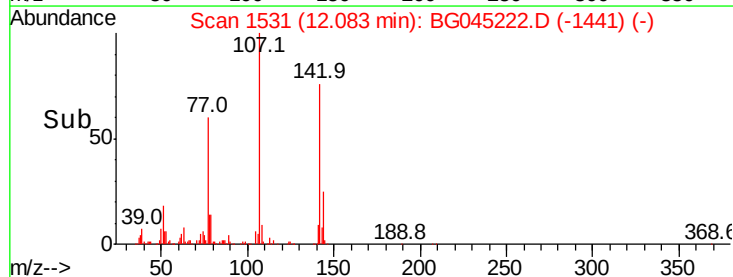
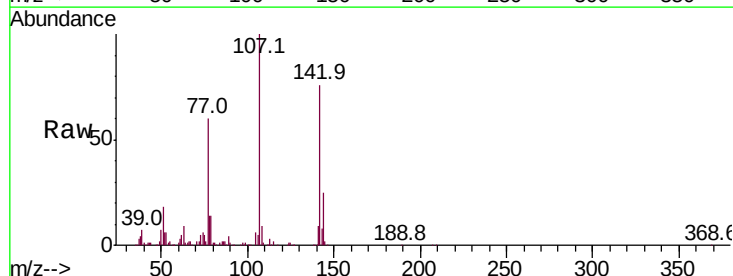
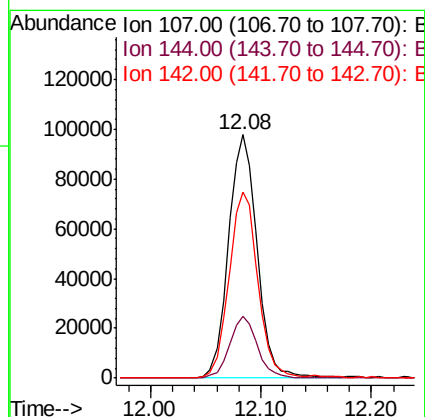
Manual Integrations  
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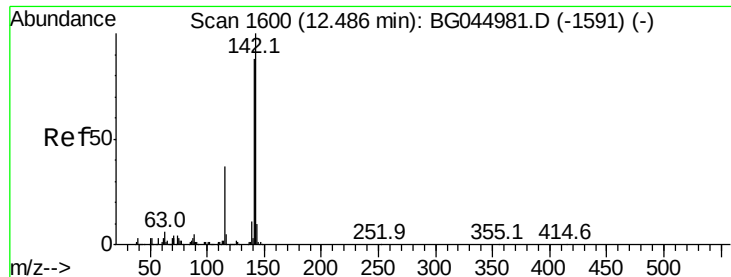
mohammad  
 5/4/2020 3:46:18 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 32.245 ng/ml  
 RT: 12.08 min Scan# 1531  
 Delta R.T. -0.00 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 177570 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 25.4  | 19.8  | 29.6   |
| 142       | 76.3  | 59.7  | 89.5   |





#37

2-Methylnaphthalene

Concen: 31.168 ng

RT: 12.46 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

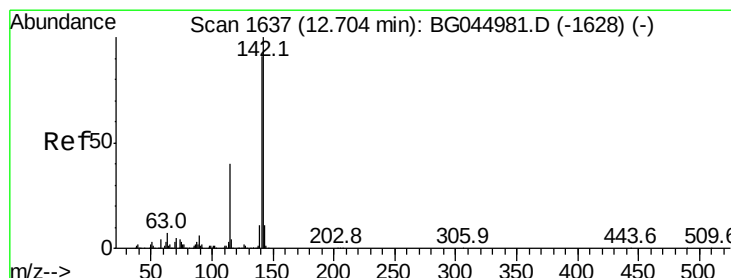
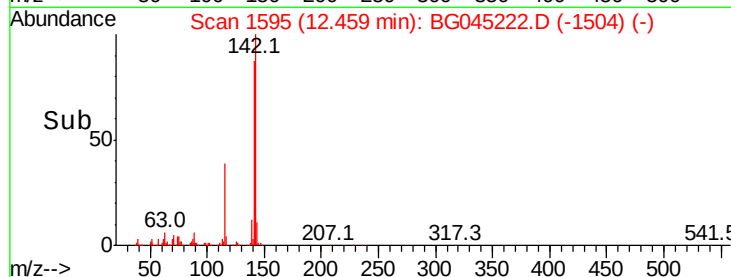
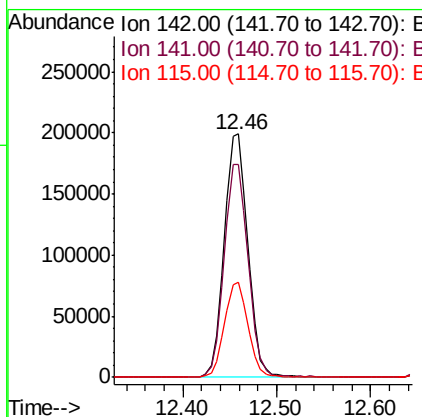
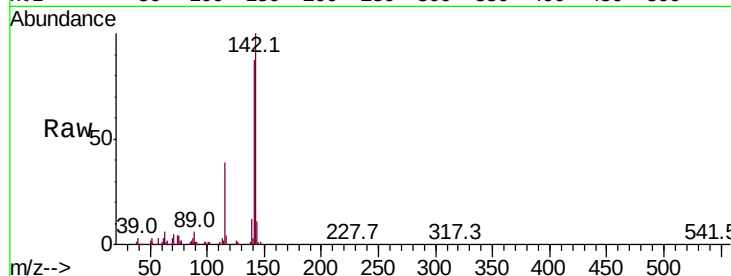
ClientSampleId :

SU-03-043020MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 349924 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 87.4  | 70.3  | 105.5  |
| 115       | 39.0  | 29.8  | 44.6   |

Manual Integrations  
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5/4/2020 3:46:18 PM



#38

1-Methylnaphthalene

Concen: 31.617 ng

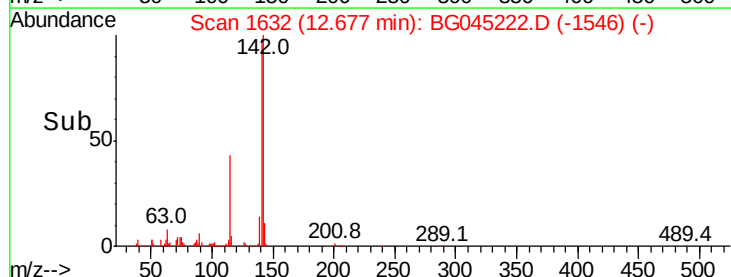
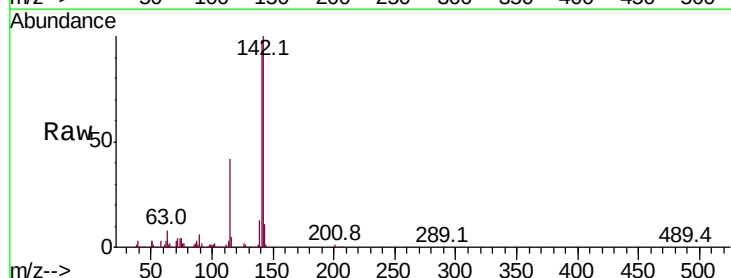
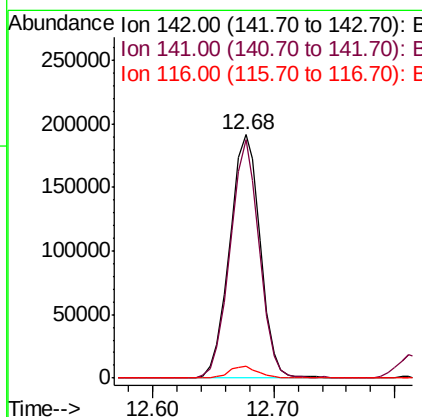
RT: 12.68 min Scan# 1632

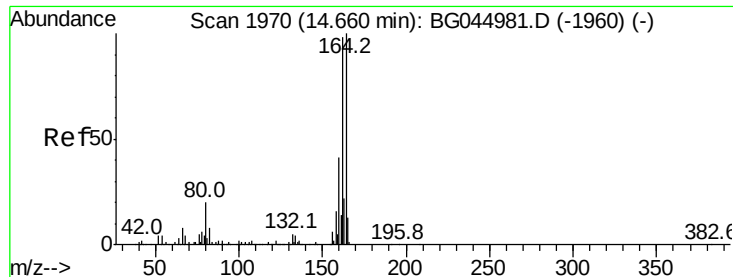
Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 335104 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 97.9  | 72.7  | 109.1  |
| 116       | 4.7   | 3.1   | 4.7    |





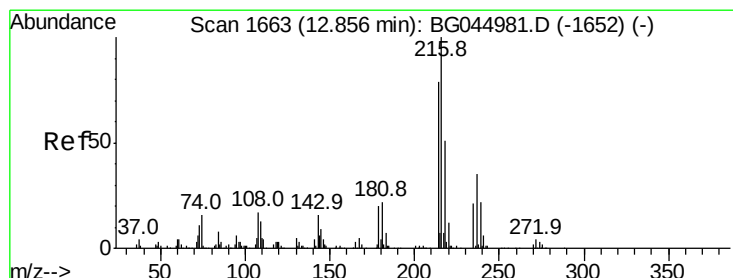
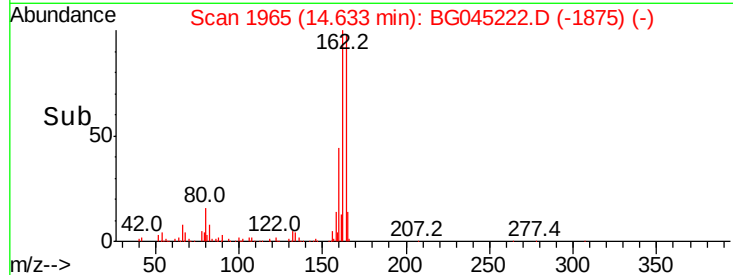
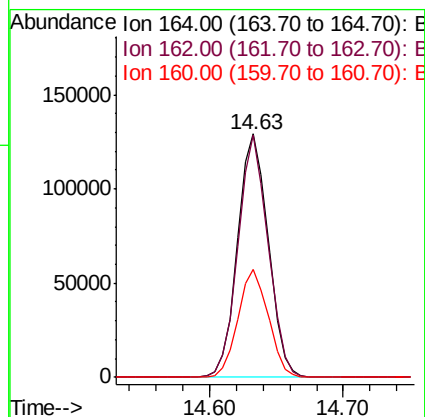
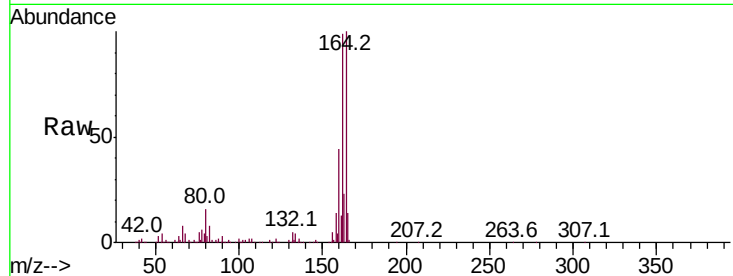
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.63 min Scan# 1965  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.4  | 78.7  | 118.1 |
| 160     | 44.2  | 32.8  | 49.2  |

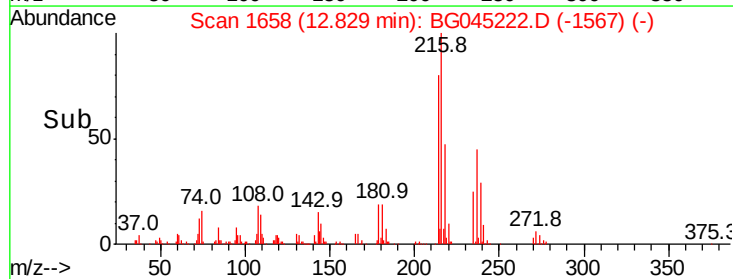
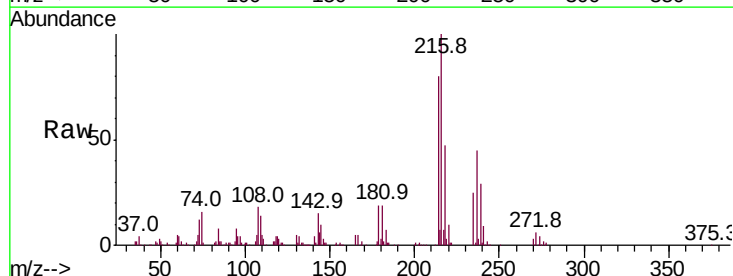
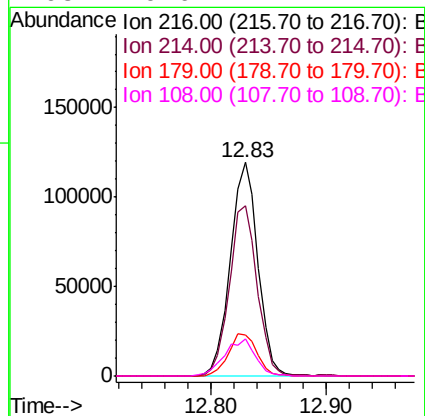
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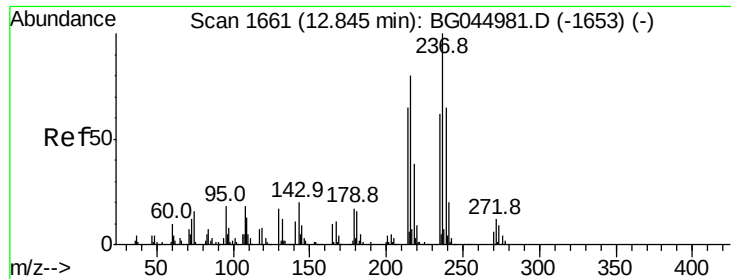


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 29.771 ng  
RT: 12.83 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 80.3  | 63.0  | 94.6  |
| 179     | 20.3  | 15.8  | 23.8  |
| 108     | 19.6  | 14.2  | 21.2  |







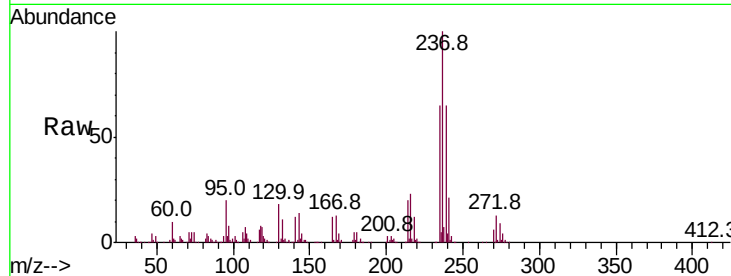
#41  
Hexachlorocyclopentadiene  
Concen: 61.697 ng  
RT: 12.81 min Scan# 1655  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 64.8  | 41.6       | 81.6  |
| 272     | 12.8  | 0.0        | 32.1  |

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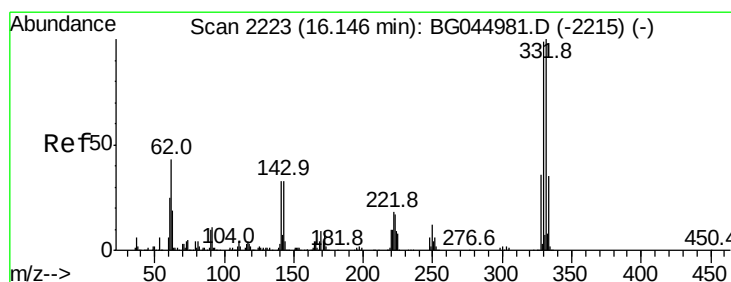
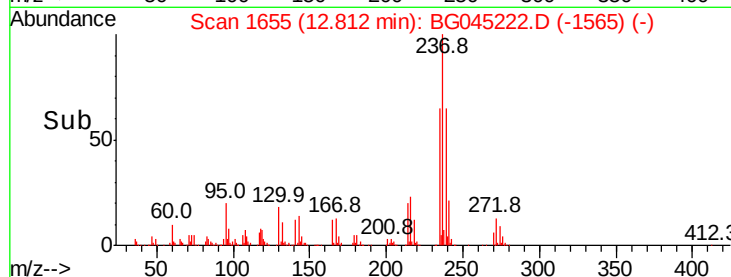
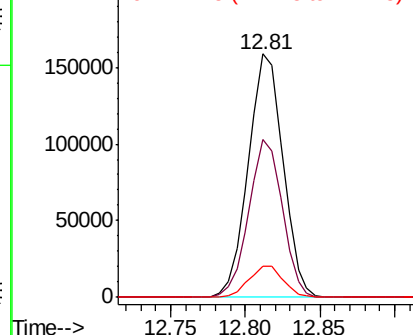


Abundance

Ion 236.80 (236.50 to 237.50): E

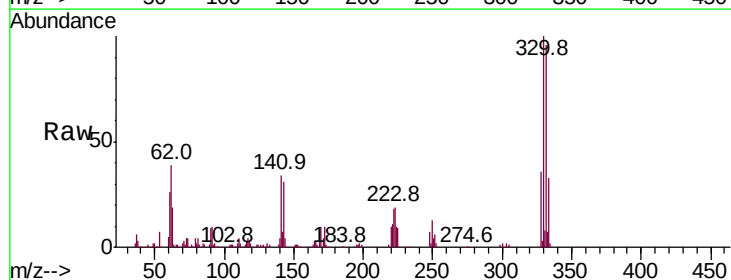
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42  
2,4,6-Tribromophenol  
Concen: 93.815 ng  
RT: 16.12 min Scan# 2219  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 97.9  | 79.1       | 118.7 |
| 141     | 34.4  | 27.1       | 40.7  |

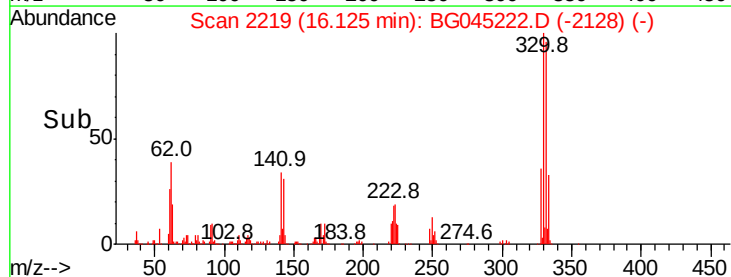
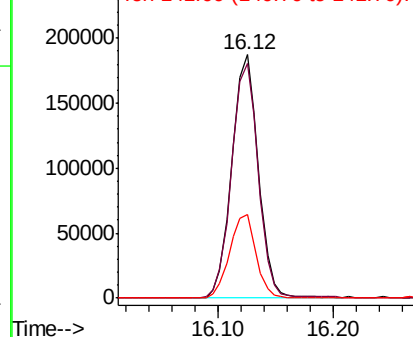


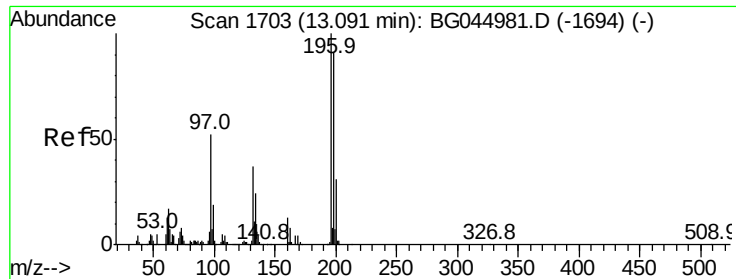
Abundance

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





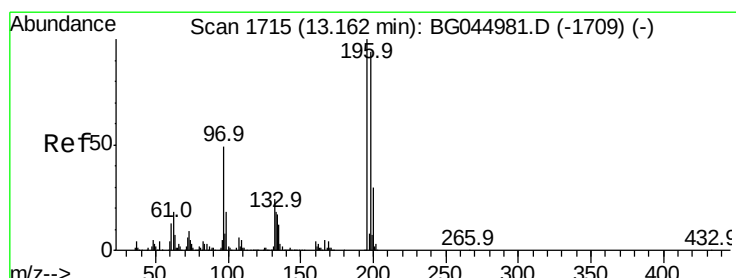
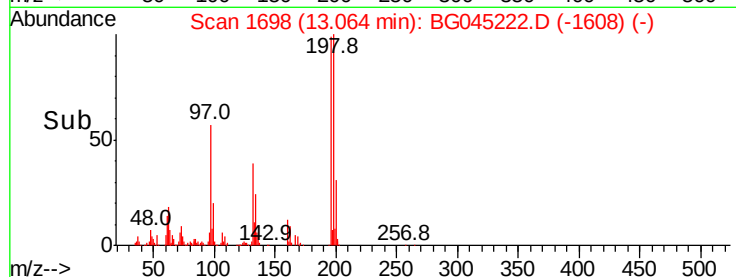
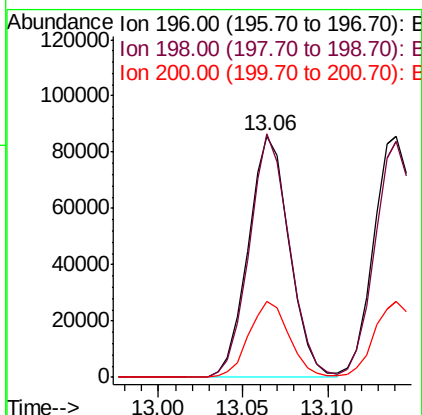
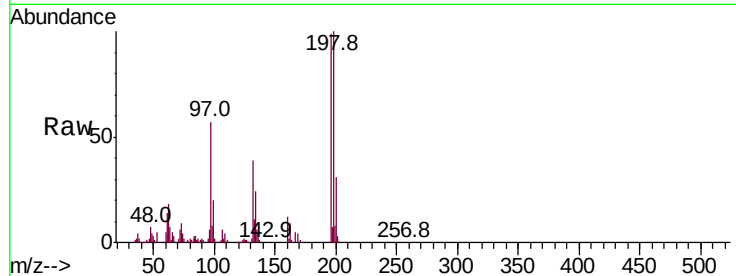
#43  
2,4,6-Trichlorophenol  
Concen: 31.128 ng  
RT: 13.06 min Scan# 1698  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 145309 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 100.9 | 72.5  | 108.7  |
| 200       | 31.4  | 24.5  | 36.7   |

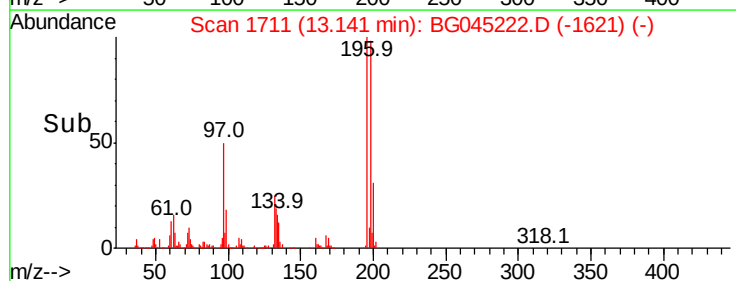
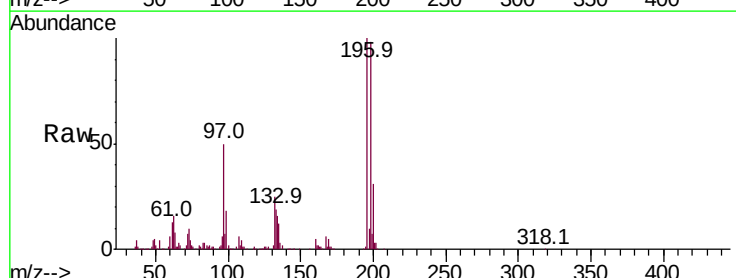
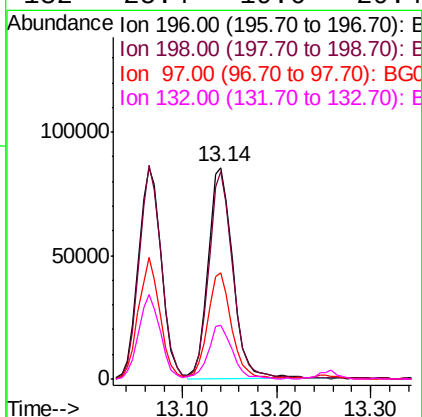
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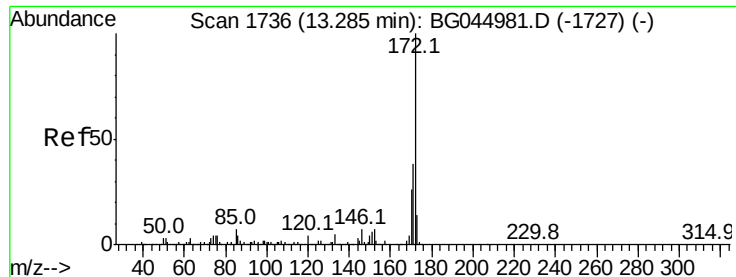
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#44  
2,4,5-Trichlorophenol  
Concen: 29.721 ng  
RT: 13.14 min Scan# 1711  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 157919 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.9  | 75.7  | 113.5  |
| 97        | 50.0  | 39.6  | 59.4   |
| 132       | 25.4  | 19.6  | 29.4   |





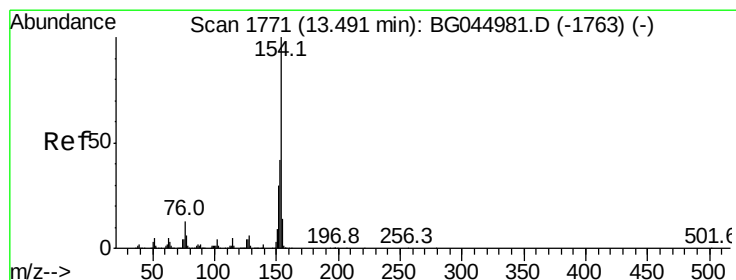
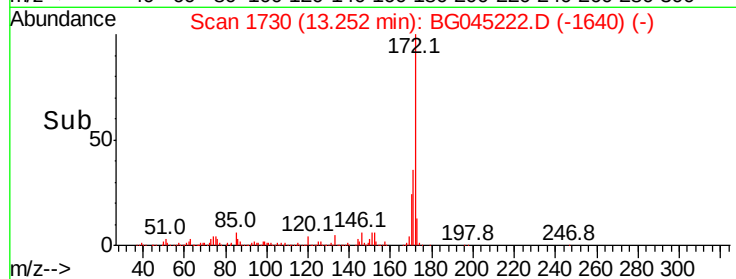
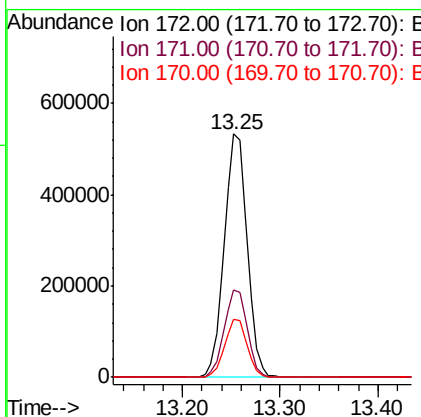
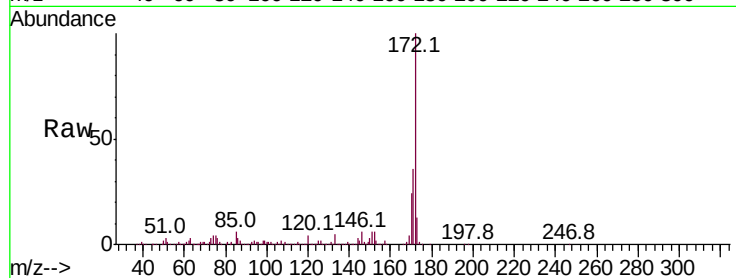
#45  
2-Fluorobiphenyl  
Concen: 62.162 ng  
RT: 13.25 min Scan# 1730  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 870862 |       |       |
| 171     | 36.0  |        | 30.6  | 46.0  |
| 170     | 24.0  |        | 20.5  | 30.7  |

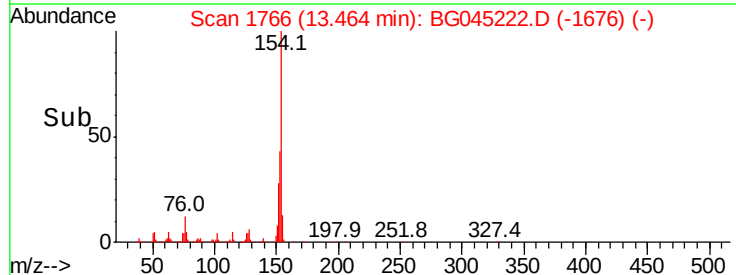
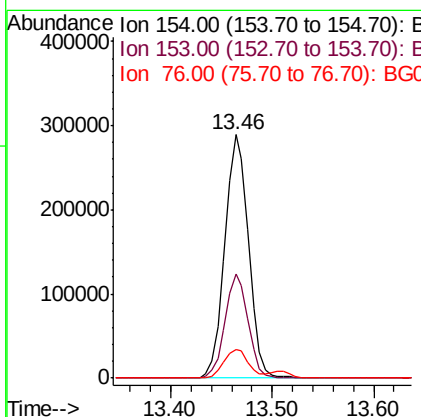
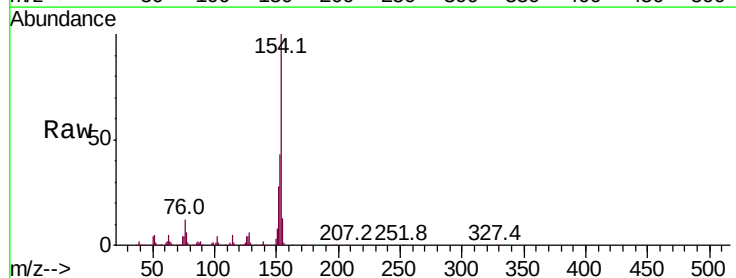
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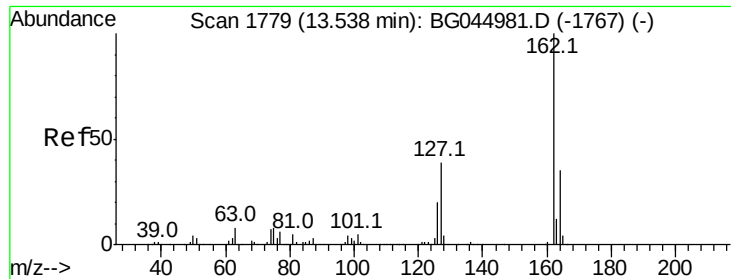
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#46  
1,1'-Biphenyl  
Concen: 29.882 ng  
RT: 13.46 min Scan# 1766  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 466575 |       |       |
| 153     | 43.0  |        | 21.9  | 61.9  |
| 76      | 12.0  |        | 0.0   | 33.1  |





#47

2-Chloronaphthalene

Concen: 29.770 ng

RT: 13.50 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG045222.D

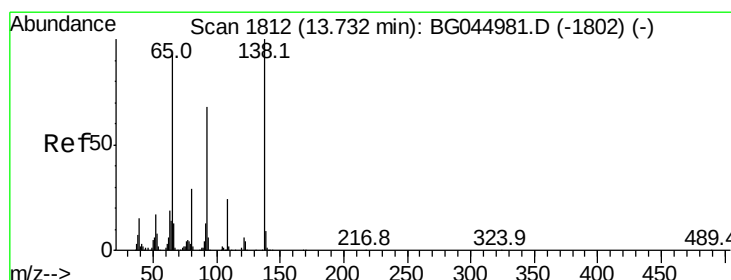
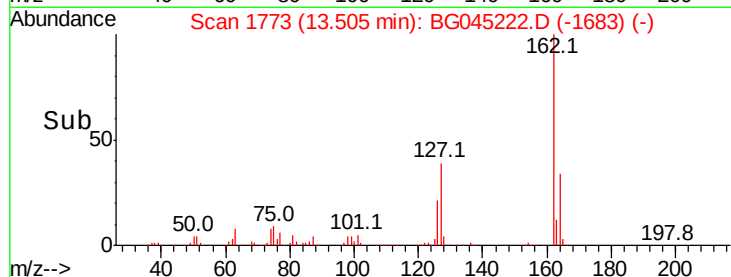
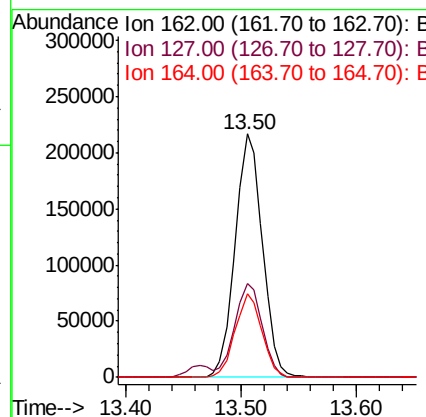
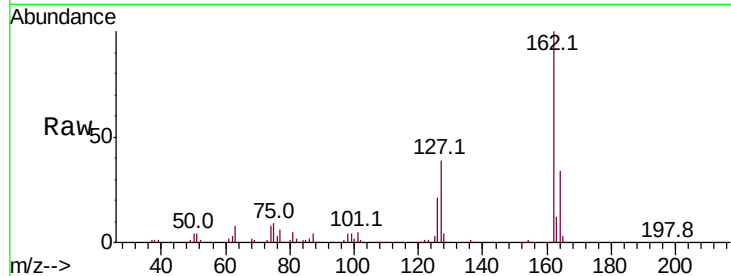
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 355170 |       |       |
| 127     | 38.5  |        | 31.3  | 46.9  |
| 164     | 34.5  |        | 27.8  | 41.8  |

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#48

2-Nitroaniline

Concen: 29.719 ng

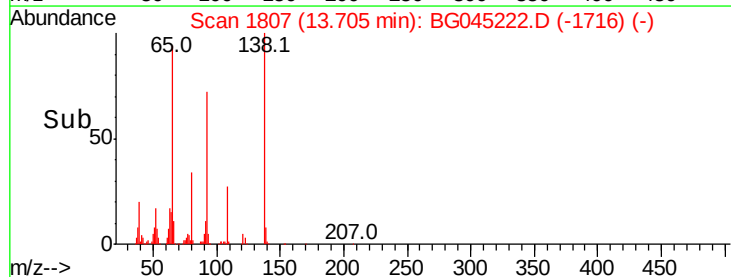
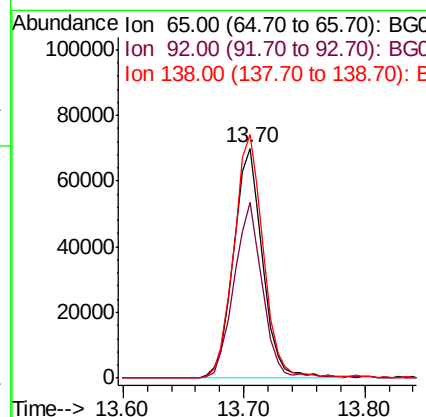
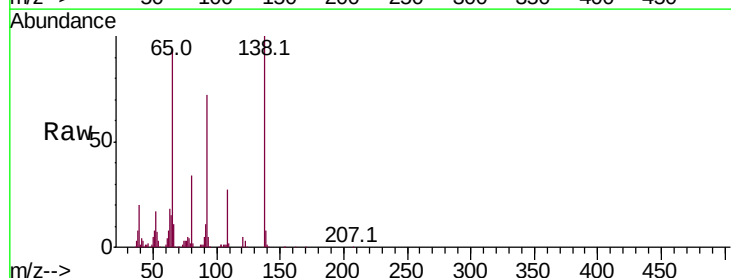
RT: 13.70 min Scan# 1807

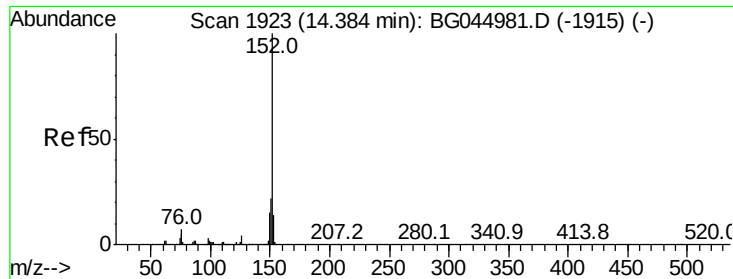
Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 116657 |       |       |
| 92      | 76.5  |        | 58.3  | 87.5  |
| 138     | 106.1 |        | 85.6  | 128.4 |





#49

Acenaphthylene

Concen: 31.232 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

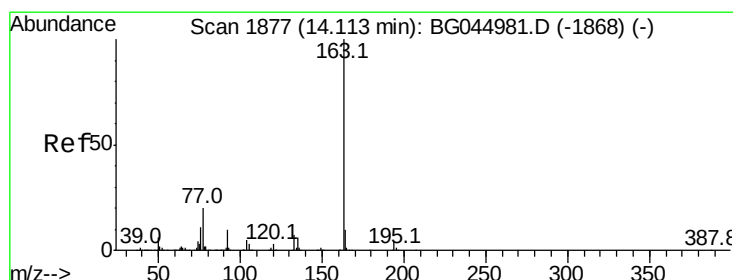
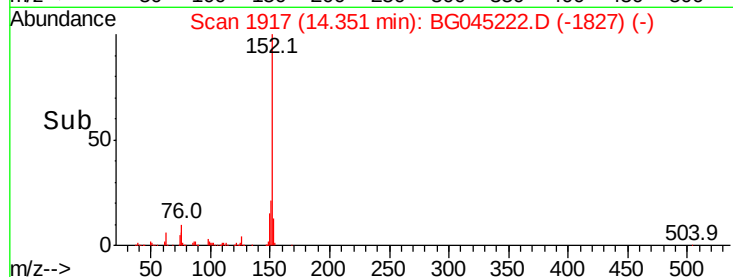
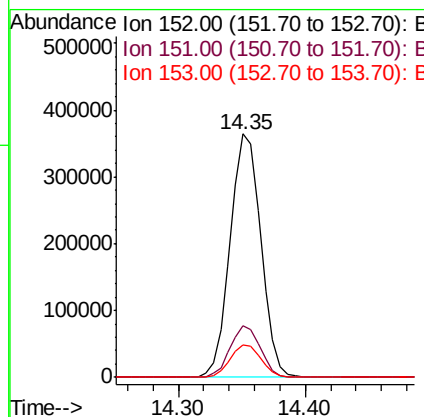
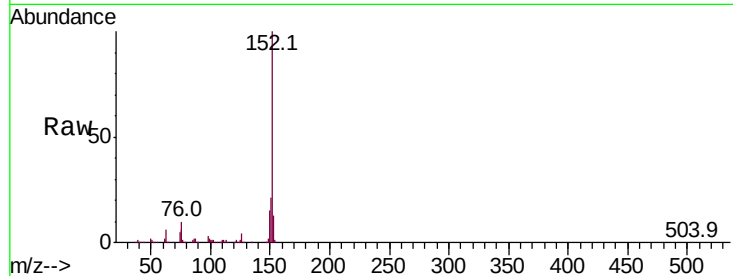
ClientSampleId :

SU-03-043020MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 606929 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.1  | 17.2  | 25.8   |
| 153       | 13.1  | 11.0  | 16.4   |

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#50

Dimethylphthalate

Concen: 33.409 ng

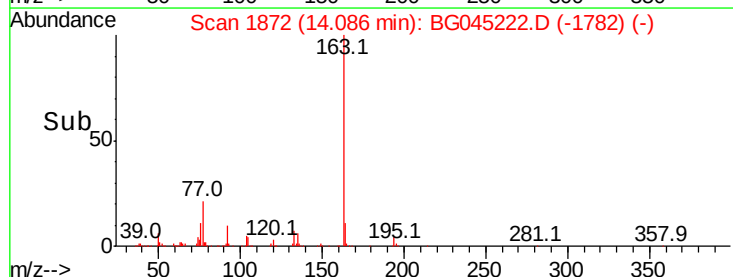
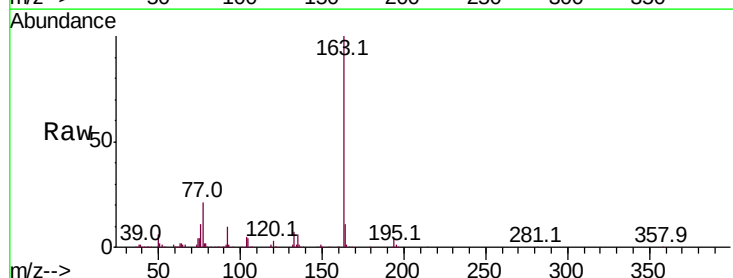
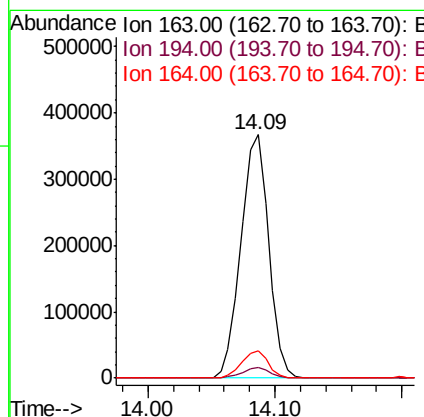
RT: 14.09 min Scan# 1872

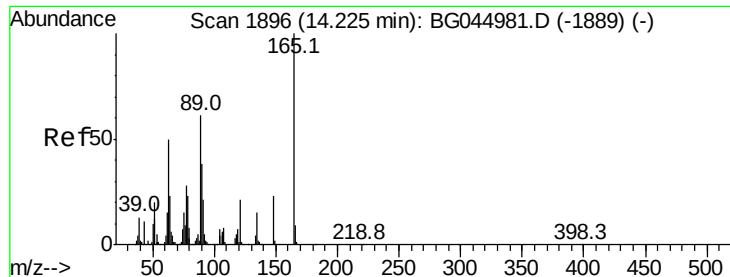
Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 558820 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.3   | 3.5   | 5.3    |
| 164       | 11.1  | 8.2   | 12.4   |





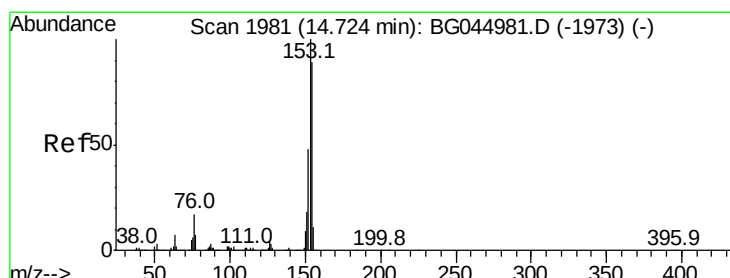
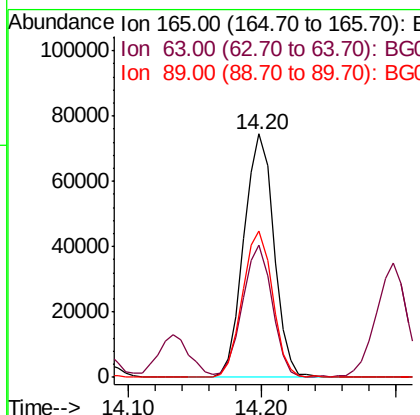
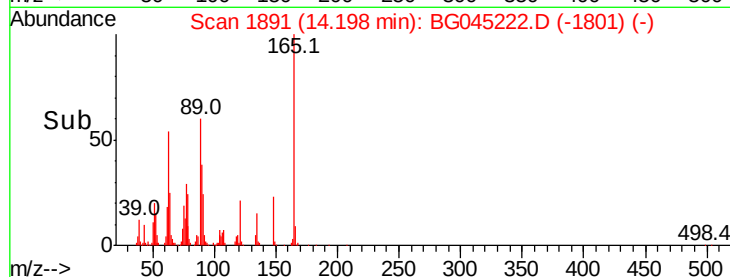
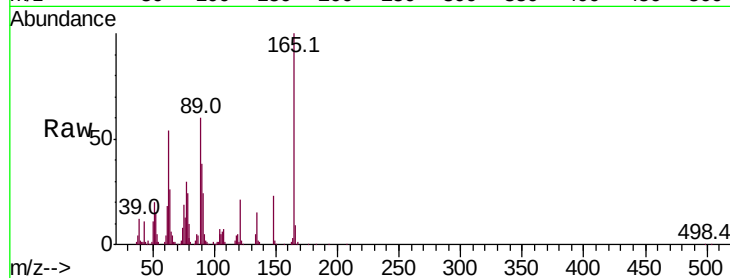
#51  
2,6-Dinitrotoluene  
Concen: 30.921 ng  
RT: 14.20 min Scan# 1891  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 54.5  | 40.4 | 60.6  |       |
| 89      | 60.2  | 49.1 | 73.7  |       |

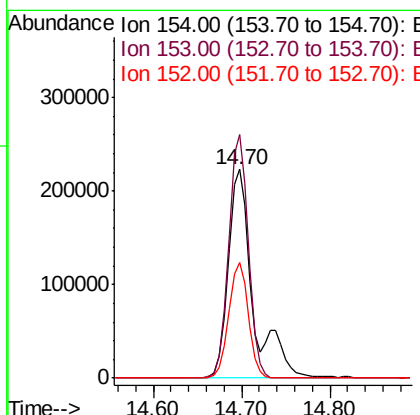
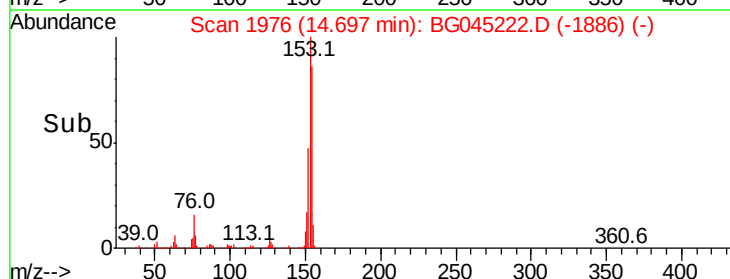
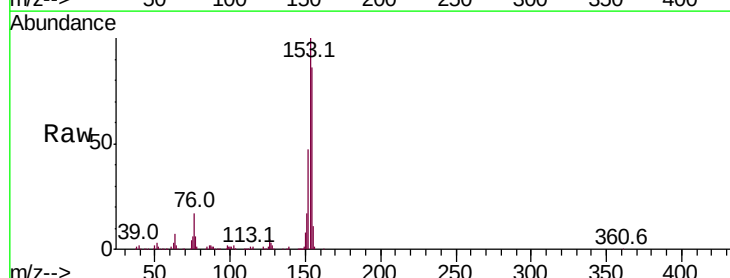
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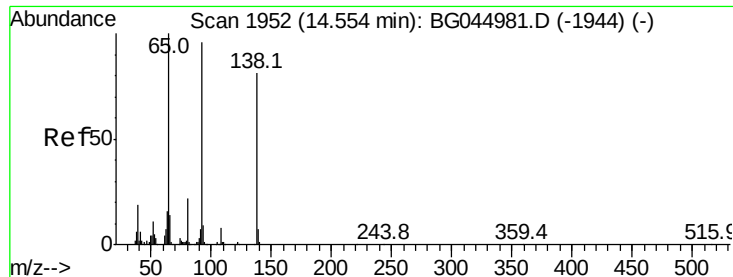
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#52  
Acenaphthene  
Concen: 33.726 ng m  
RT: 14.70 min Scan# 1976  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 116.8 | 89.7 | 134.5 |       |
| 152     | 55.3  | 43.1 | 64.7  |       |





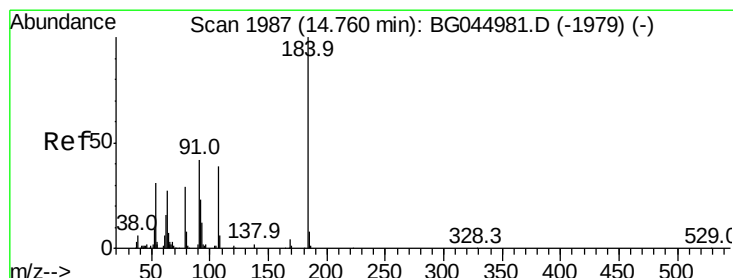
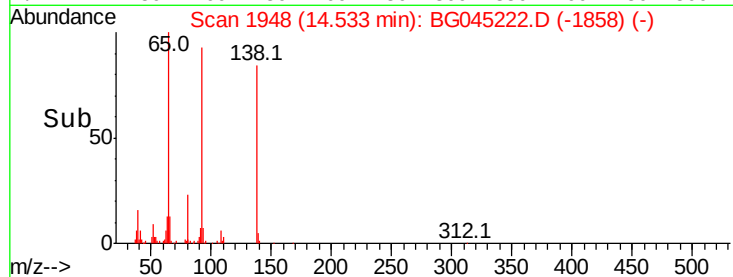
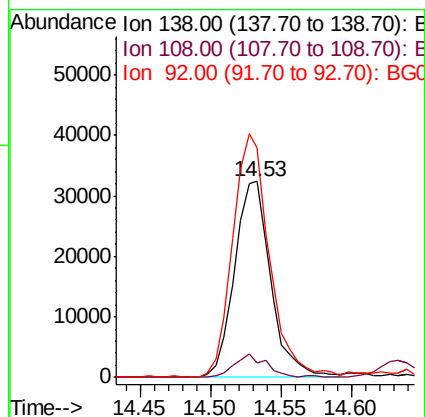
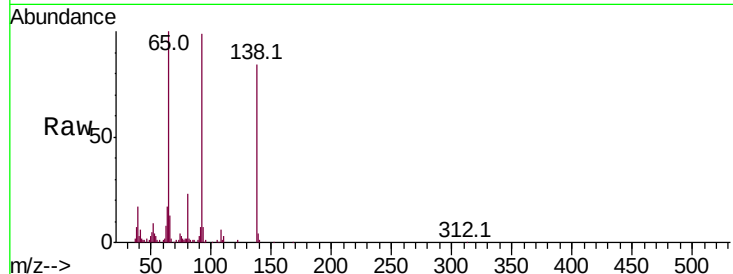
#53  
3-Nitroaniline  
Concen: 14.184 ng  
RT: 14.53 min Scan# 1948  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 7.6   | 7.8   | 11.8# |
| 92      | 117.2 | 94.5  | 141.7 |

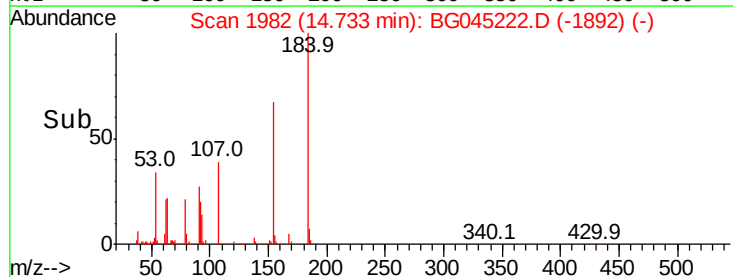
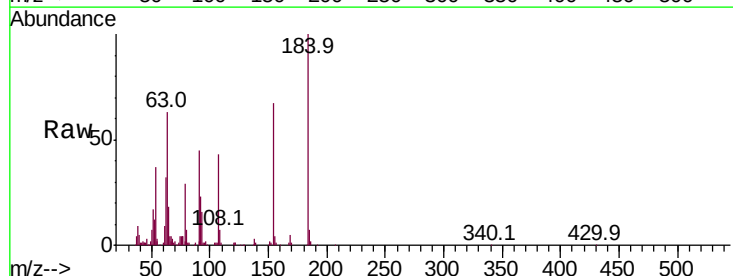
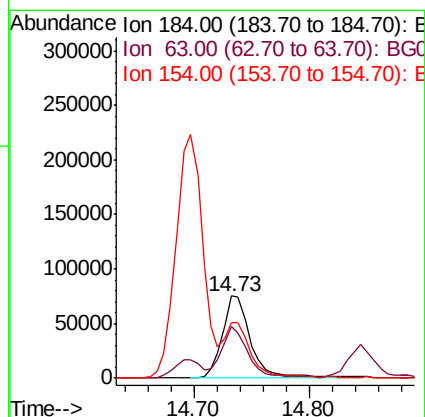
Manual Integrations  
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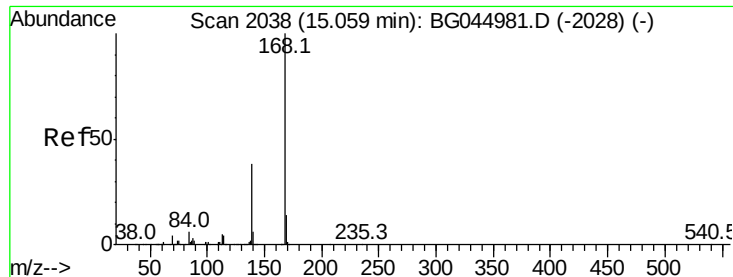
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 57.739 ng  
RT: 14.73 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 63.0  | 41.5  | 62.3# |
| 154     | 67.3  | 52.3  | 78.5  |





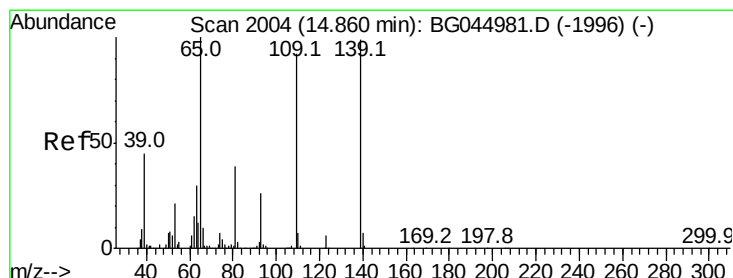
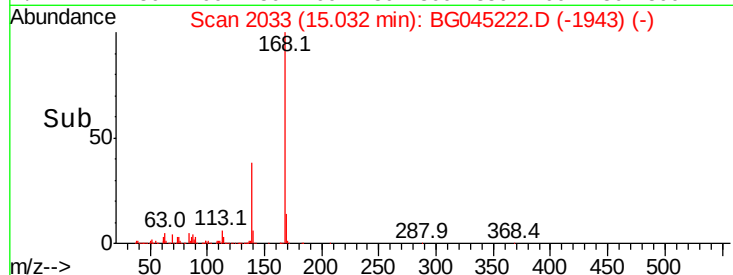
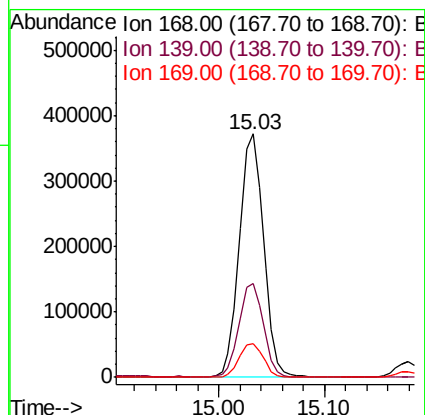
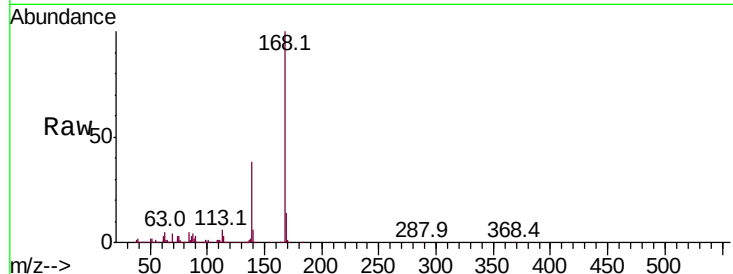
#55  
Dibenzofuran  
Concen: 30.808 ng  
RT: 15.03 min Scan# 2033  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 38.4  | 30.4 | 45.6  |       |
| 169     | 14.0  | 11.0 | 16.4  |       |

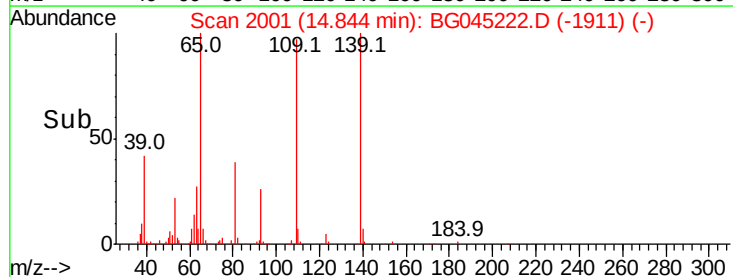
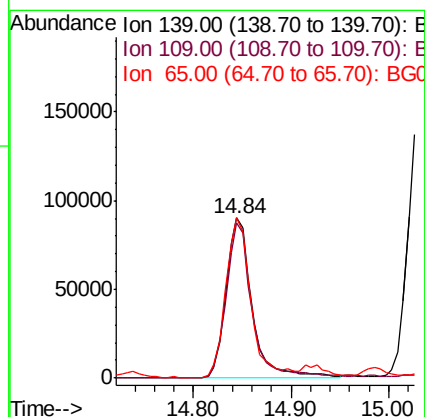
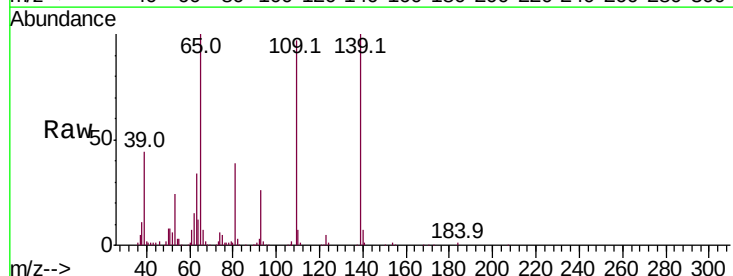
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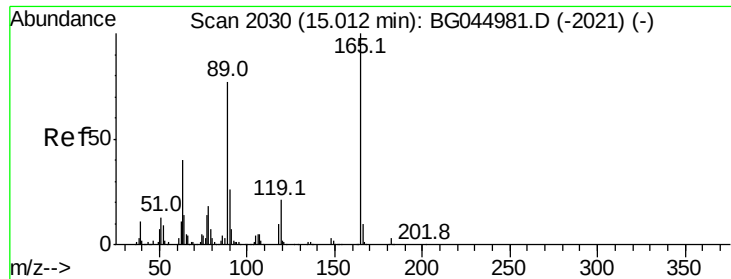


#56  
4-Nitrophenol  
Concen: 52.840 ng  
RT: 14.84 min Scan# 2001  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 96.7  | 73.6 | 113.6 |       |
| 65      | 99.9  | 81.2 | 121.2 |       |







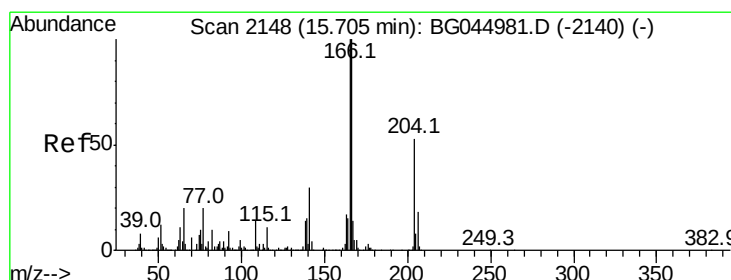
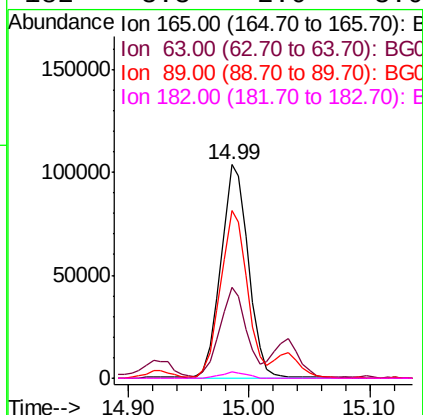
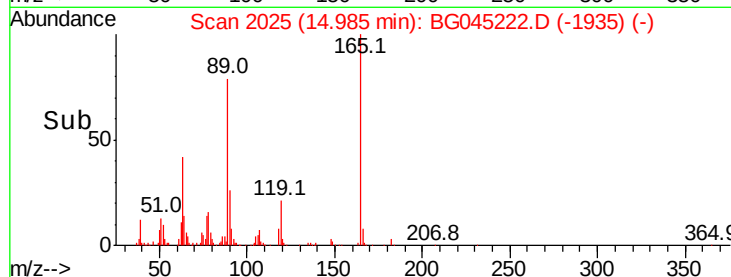
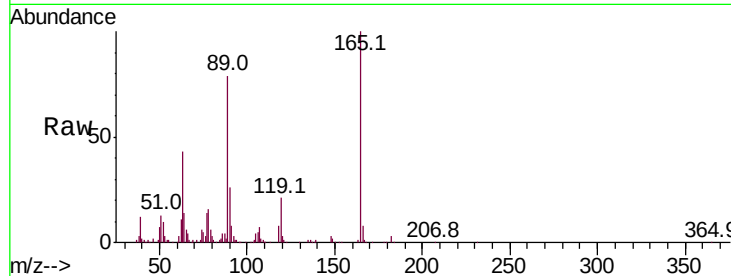
#57  
2,4-Dinitrotoluene  
Concen: 29.823 ng  
RT: 14.99 min Scan# 2025  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 42.6  | 32.2       | 48.2  |
| 89      | 78.8  | 61.7       | 92.5  |
| 182     | 3.3   | 2.0        | 3.0   |

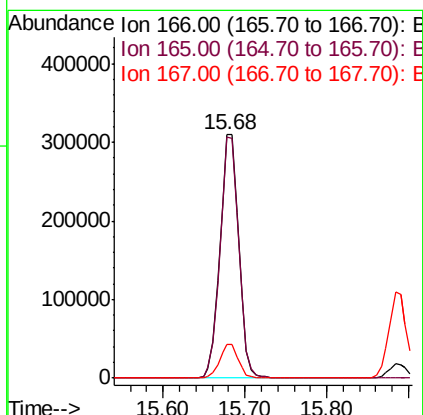
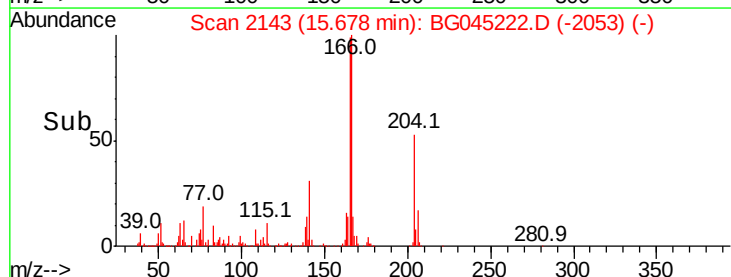
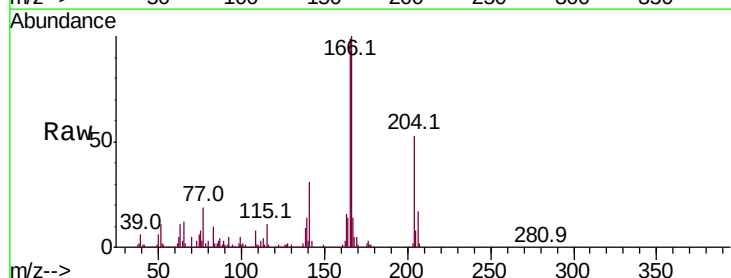
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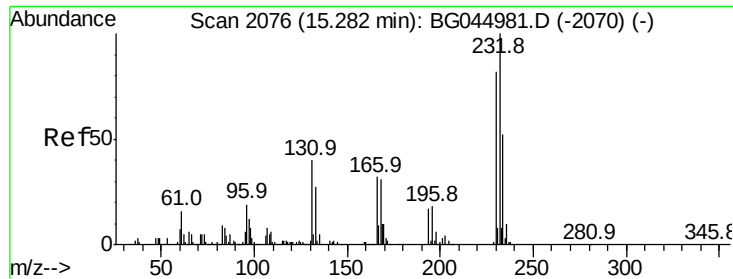
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#58  
Fluorene  
Concen: 31.622 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 166     | 100   |            |       |
| 165     | 99.1  | 79.9       | 119.9 |
| 167     | 14.1  | 11.4       | 17.0  |





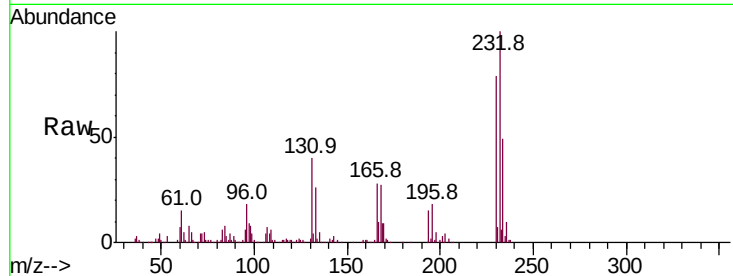
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 33.330 ng  
RT: 15.26 min Scan# 2072  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 157576 |       |       |
| 131     | 40.1  |        | 32.2  | 48.2  |
| 130     | 2.5   |        | 2.2   | 3.2   |
| 166     | 28.5  |        | 24.2  | 36.4  |

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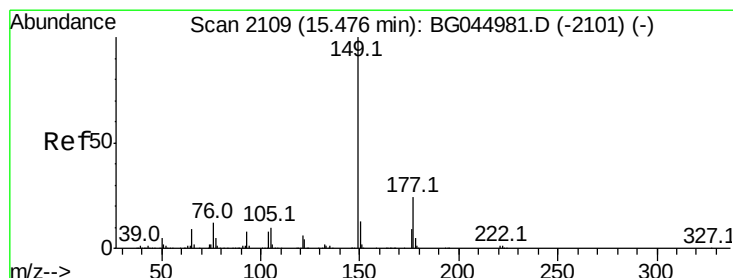
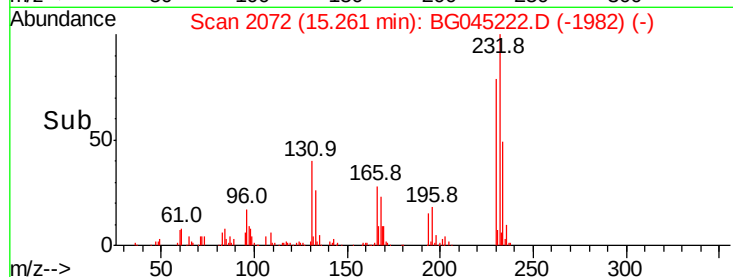
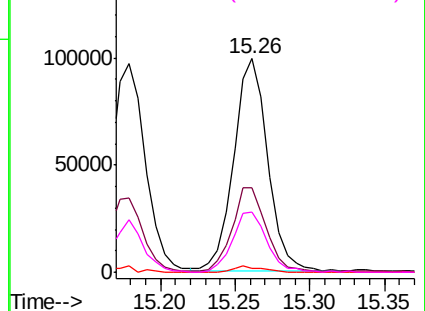
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

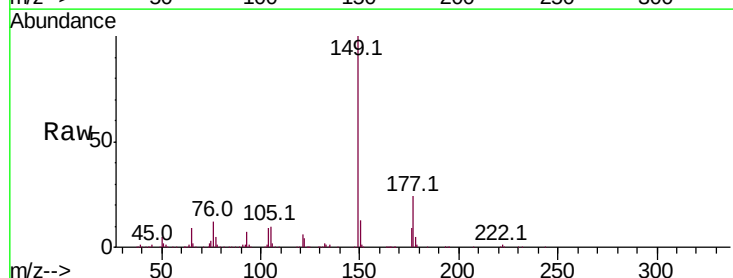
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 30.479 ng  
RT: 15.45 min Scan# 2104  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 531533 |       |       |
| 177     | 23.5  |        | 18.9  | 28.3  |
| 150     | 13.4  |        | 10.6  | 15.8  |

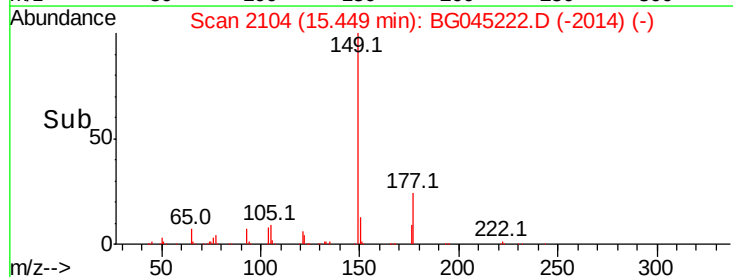
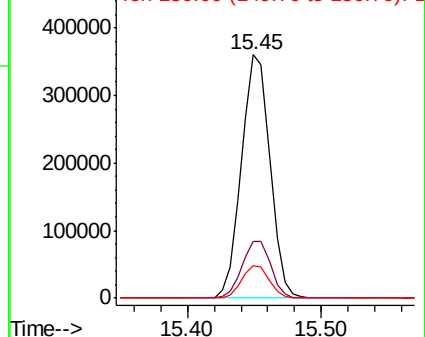


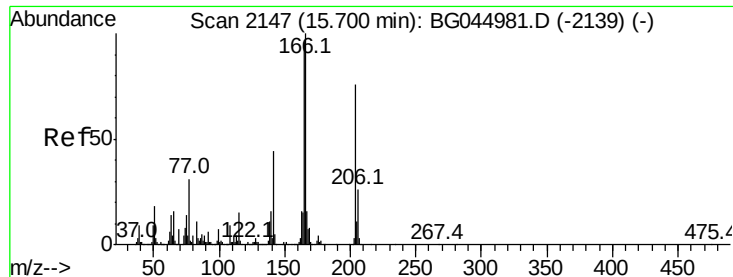
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





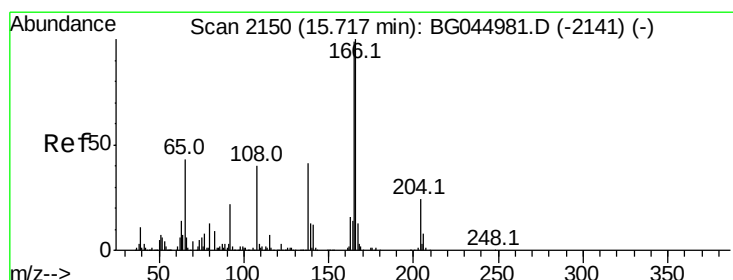
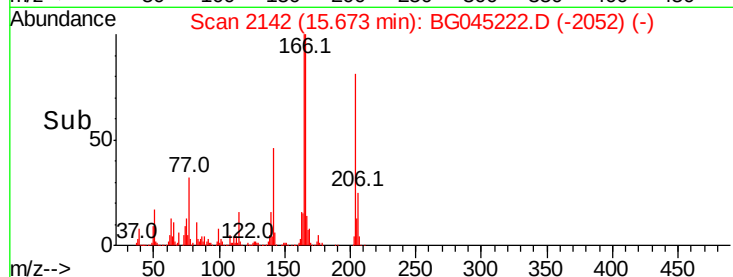
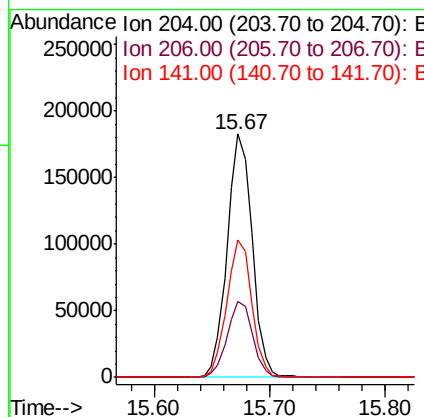
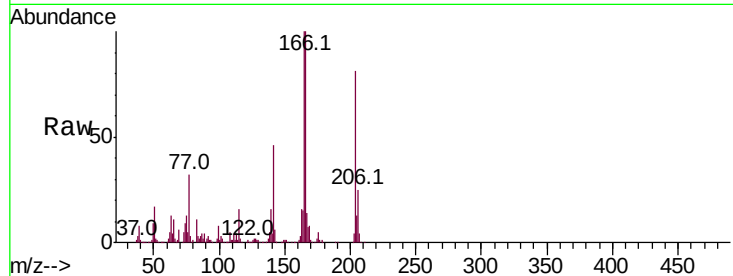
#61  
4-Chlorophenyl-phenylether  
Concen: 30.423 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 274187 |       |       |
| 206     | 31.2  | 26.9   | 40.3  |       |
| 141     | 56.4  | 46.3   | 69.5  |       |

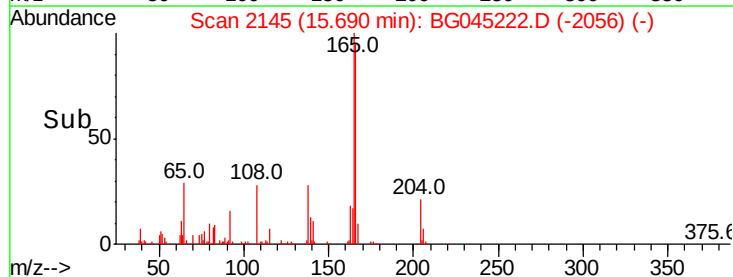
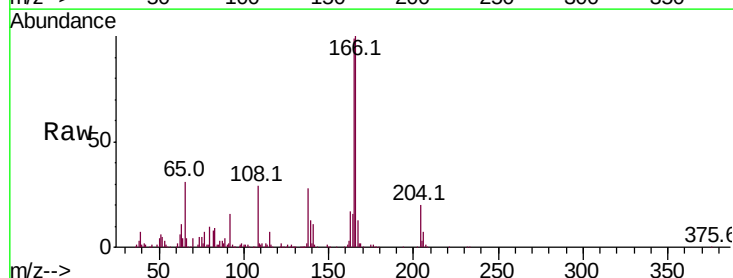
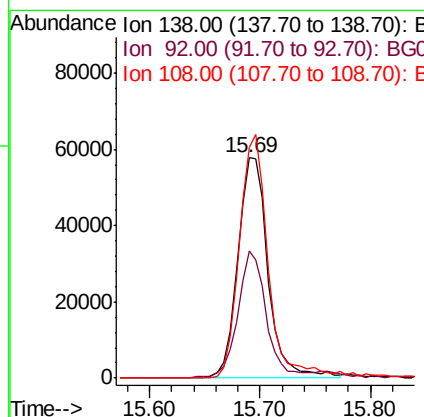
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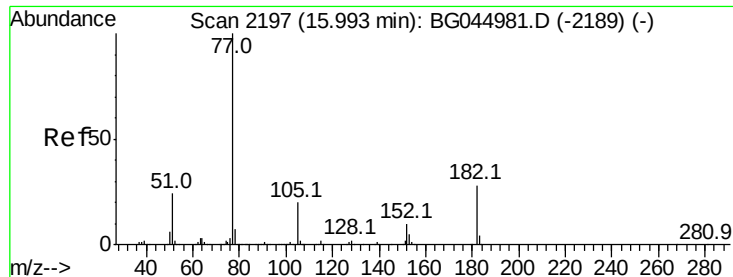
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#62  
4-Nitroaniline  
Concen: 26.165 ng  
RT: 15.69 min Scan# 2145  
Delta R.T. -0.01 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 111358 |       |       |
| 92      | 57.9  | 33.6   | 73.6  |       |
| 108     | 105.1 | 78.2   | 118.2 |       |





#63

Azobenzene

Concen: 31.330 ng

RT: 15.97 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

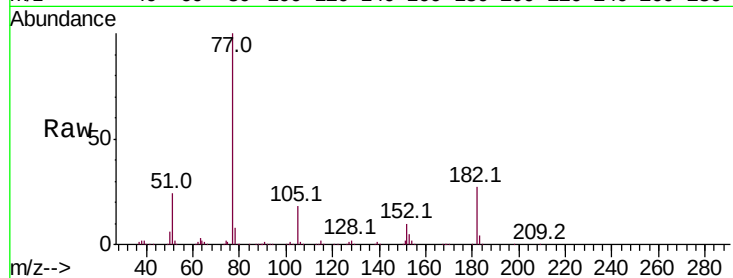
ClientSampleId :

SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.3  | 8.4   | 48.4  |
| 105     | 18.1  | 0.5   | 40.5  |
| 51      | 23.9  | 4.4   | 44.4  |

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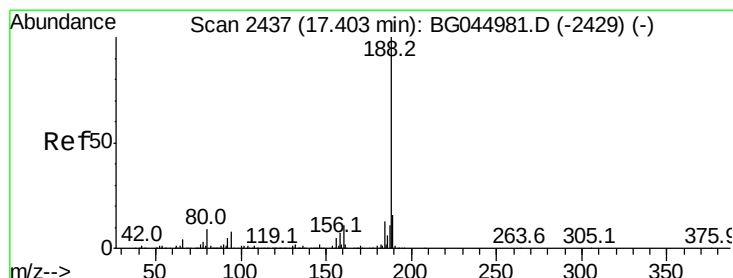
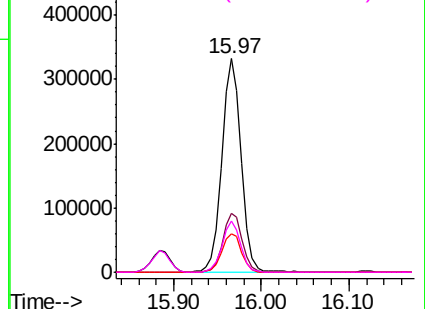
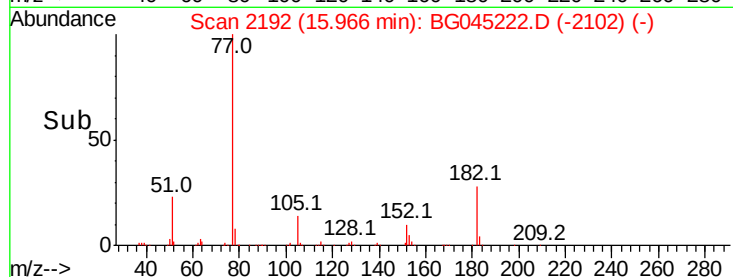
Abundance

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

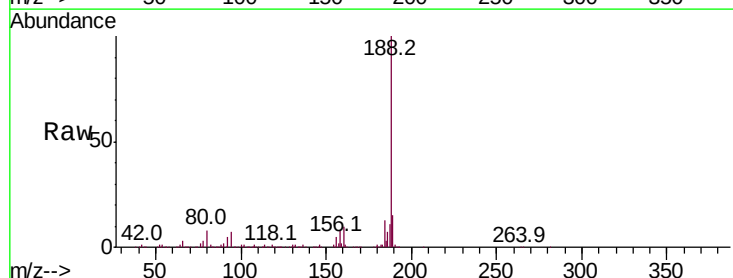
RT: 17.38 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.6   | 6.2   | 9.4   |
| 80      | 7.7   | 7.0   | 10.6  |

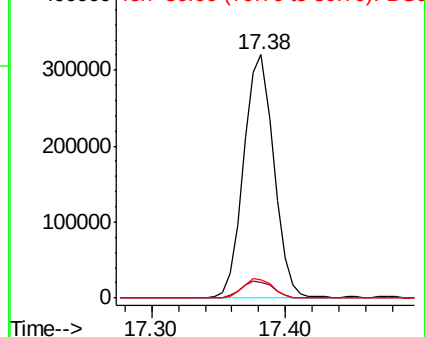
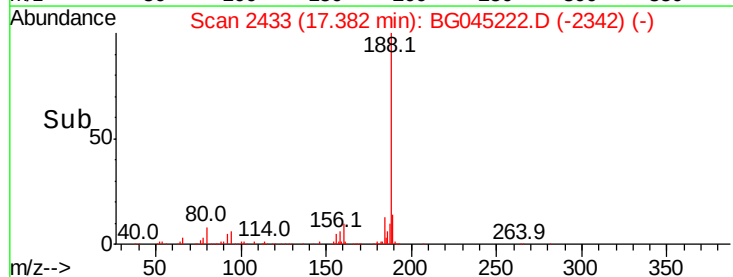


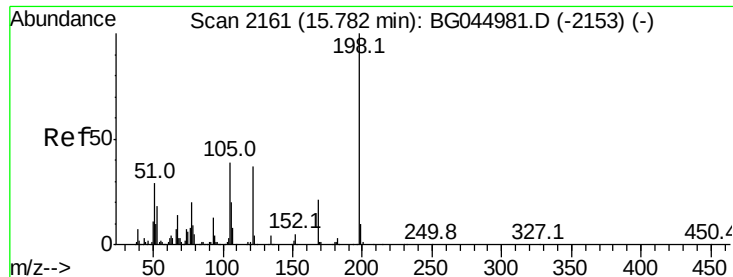
Abundance

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: 31.293 ng

RT: 15.75 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

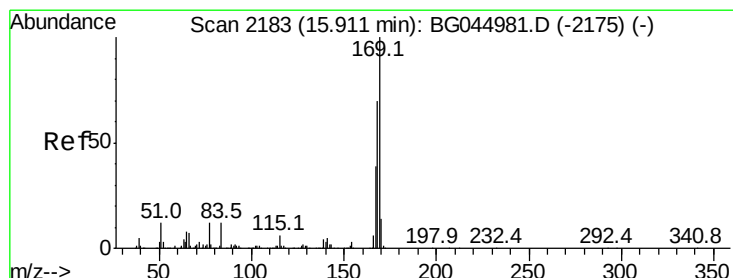
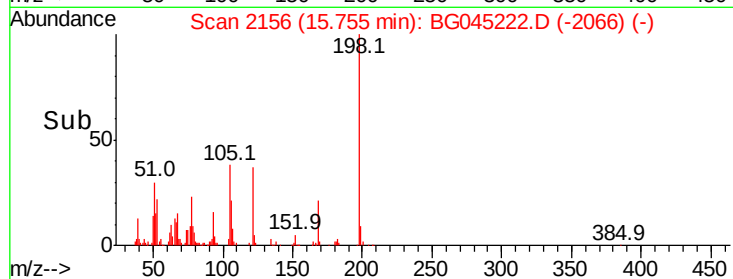
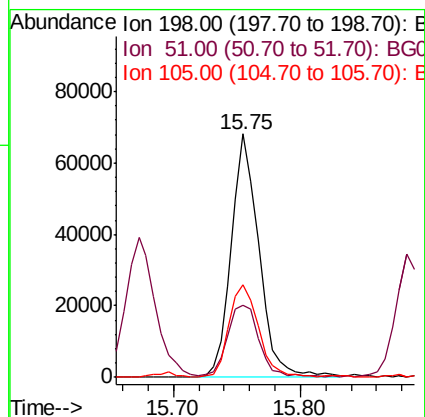
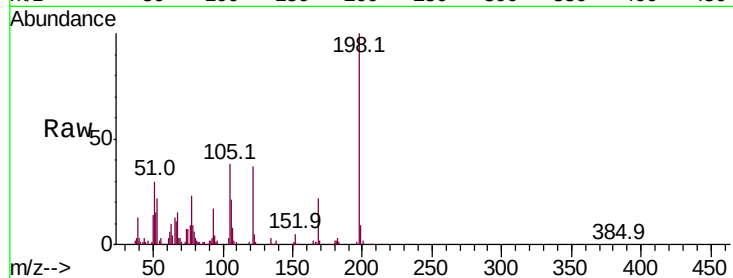
ClientSampleId :

SU-03-043020MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 102674 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 29.6  | 10.0  | 50.0   |
| 105       | 38.1  | 18.9  | 58.9   |

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#66

n-Nitrosodiphenylamine

Concen: 31.041 ng

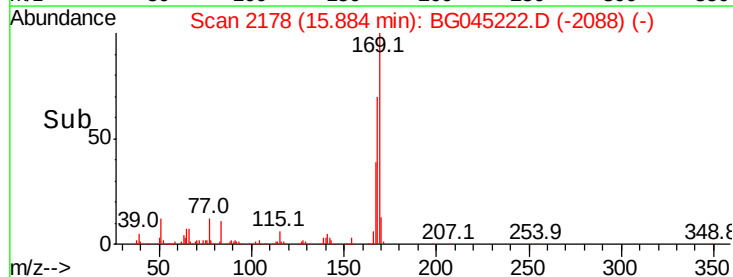
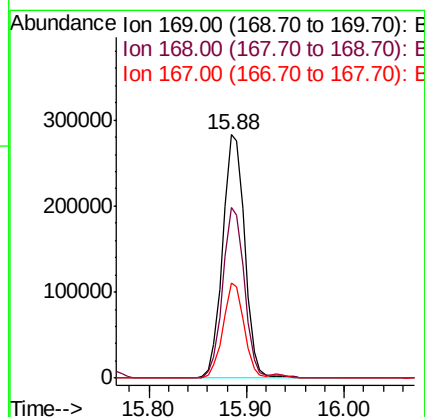
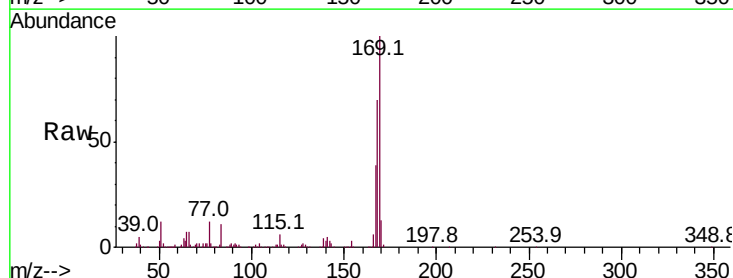
RT: 15.88 min Scan# 2178

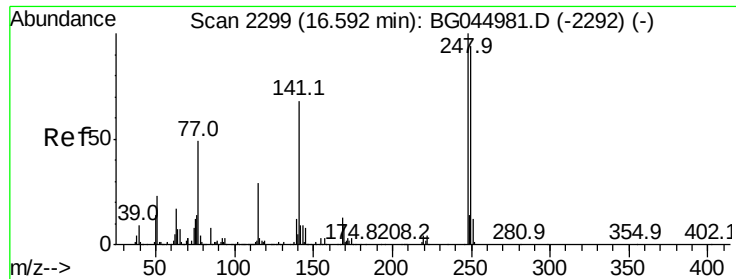
Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 445194 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 70.0  | 55.8  | 83.8   |
| 167       | 38.8  | 30.8  | 46.2   |





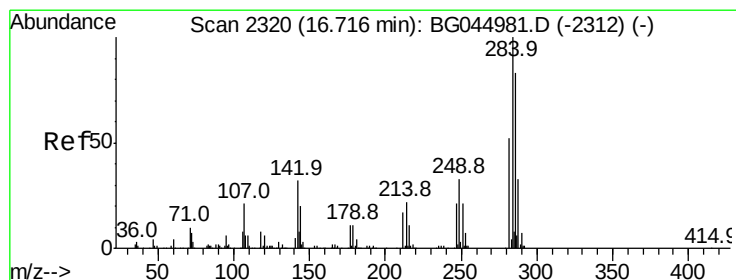
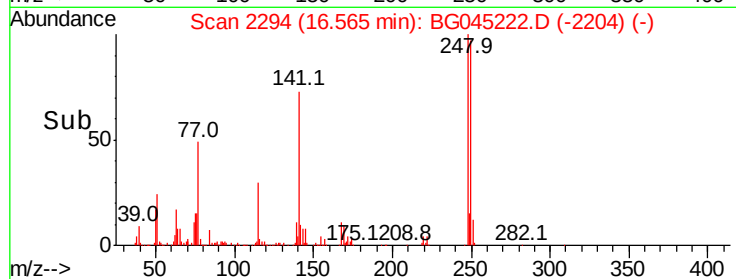
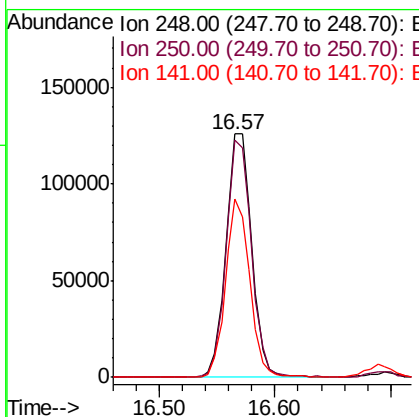
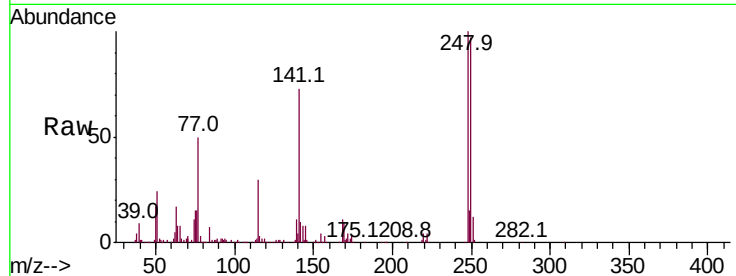
#67  
4-Bromophenyl-phenylether  
Concen: 30.002 ng  
RT: 16.57 min Scan# 2294  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.4  | 75.4  | 113.2 |
| 141     | 73.3  | 54.4  | 81.6  |

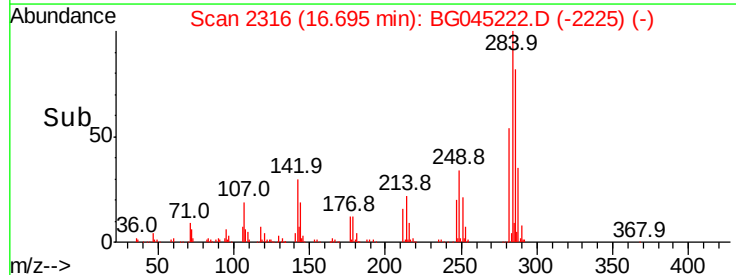
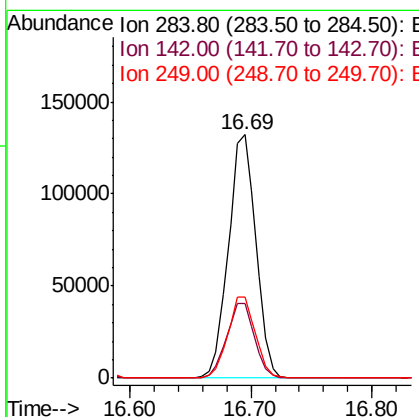
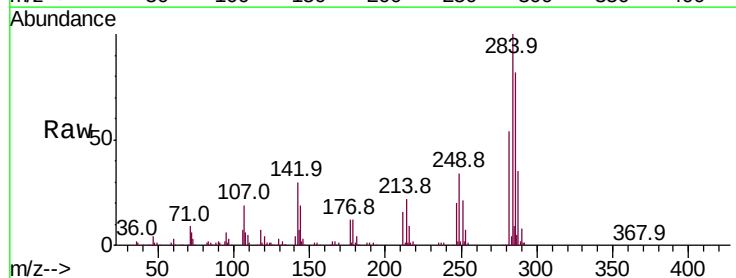
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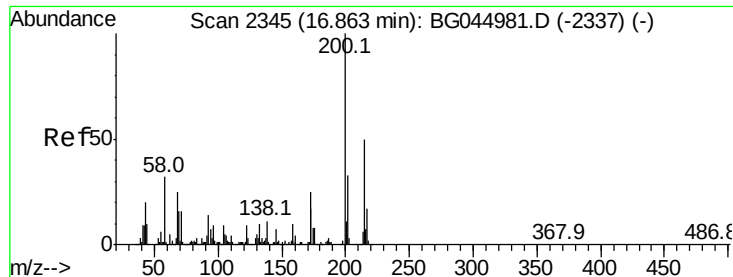
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#68  
Hexachlorobenzene  
Concen: 31.299 ng  
RT: 16.69 min Scan# 2316  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.4  | 25.8  | 38.6  |
| 249     | 33.5  | 26.6  | 39.8  |





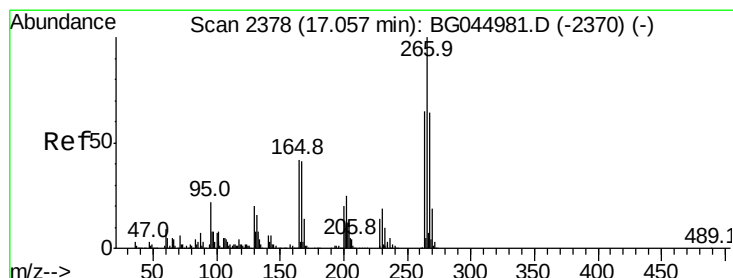
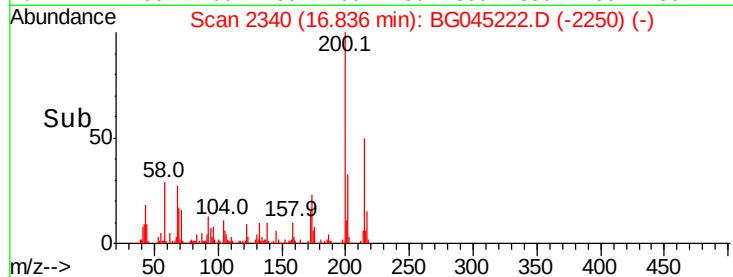
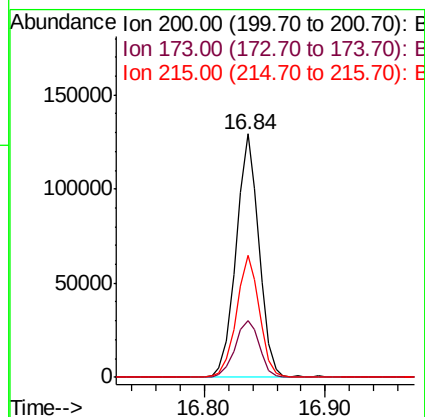
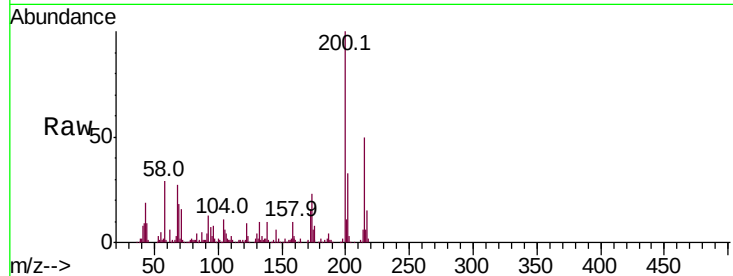
#69  
Atrazine  
Concen: 31.213 ng  
RT: 16.84 min Scan# 2340  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.2  | 4.5   | 44.5  |
| 215     | 49.9  | 30.0  | 70.0  |

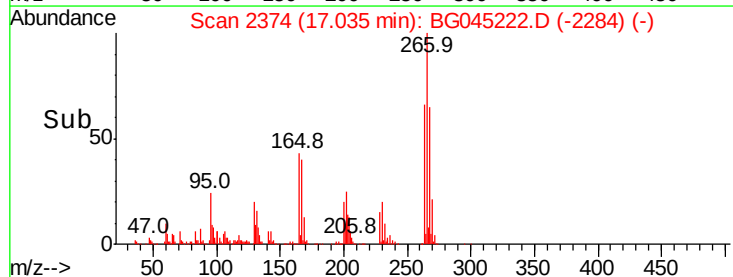
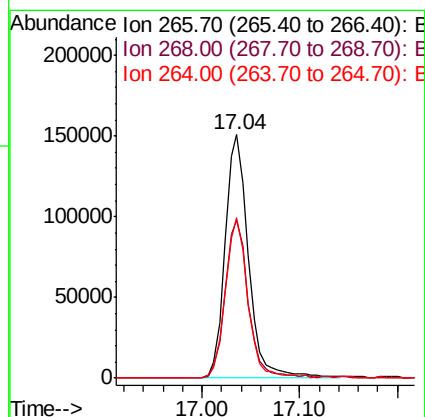
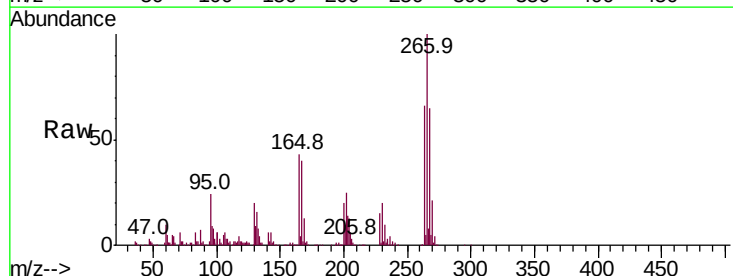
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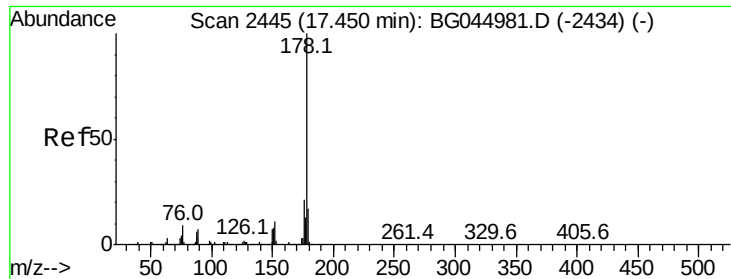
mohammad  
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#70  
Pentachlorophenol  
Concen: 61.170 ng  
RT: 17.04 min Scan# 2374  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.7  | 51.5  | 77.3  |
| 264     | 65.8  | 52.2  | 78.4  |





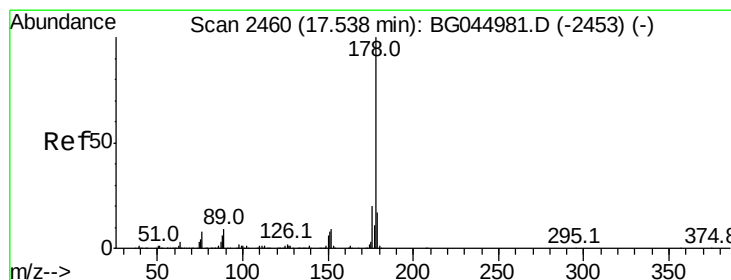
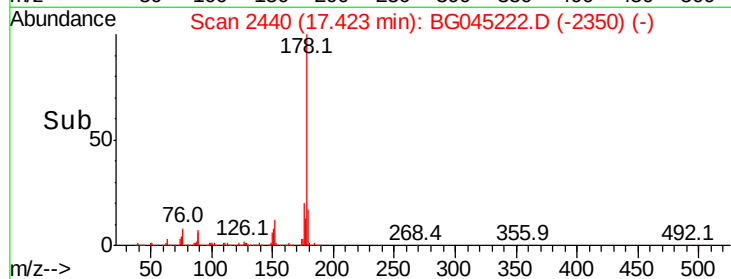
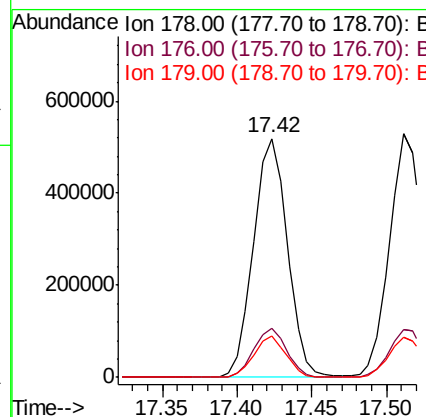
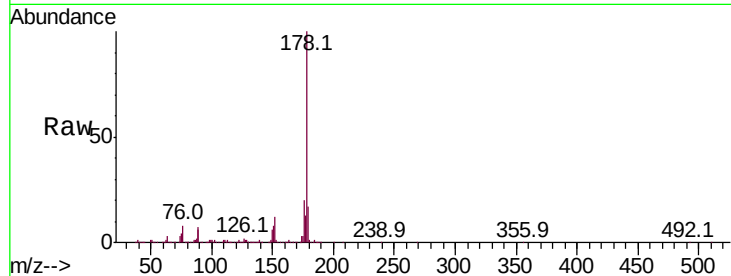
#71  
Phenanthrene  
Concen: 31.765 ng  
RT: 17.42 min Scan# 2440  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.5  | 16.8  | 25.2  |
| 179     | 17.3  | 13.2  | 19.8  |

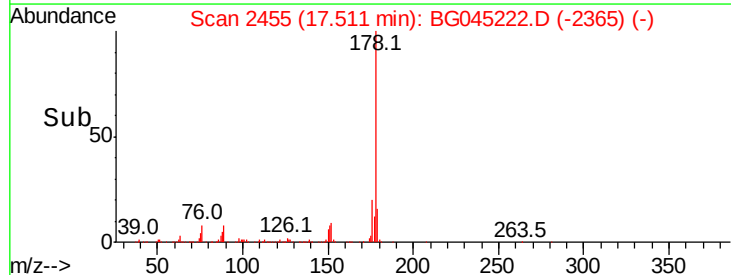
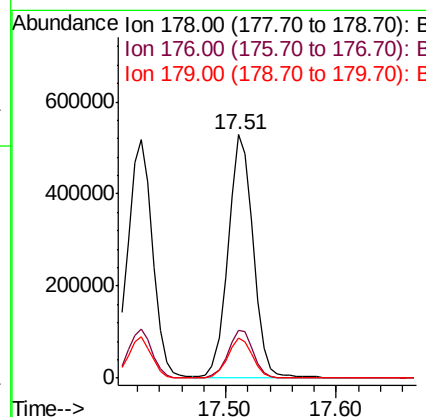
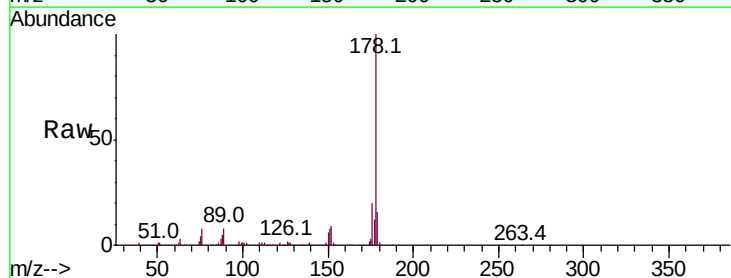
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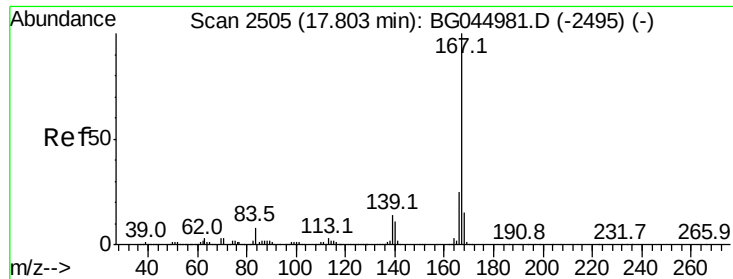


#72  
Anthracene  
Concen: 32.565 ng  
RT: 17.51 min Scan# 2455  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 16.0  | 24.0  |
| 179     | 16.5  | 13.6  | 20.4  |







#73

Carbazole

Concen: 29.318 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

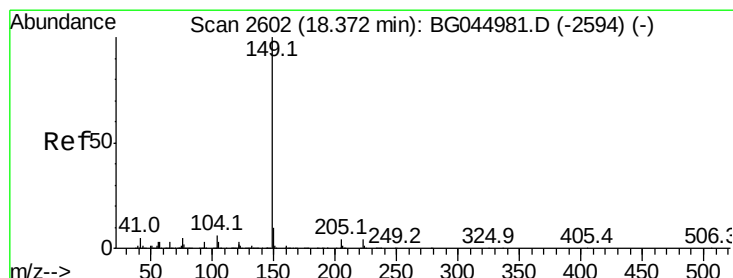
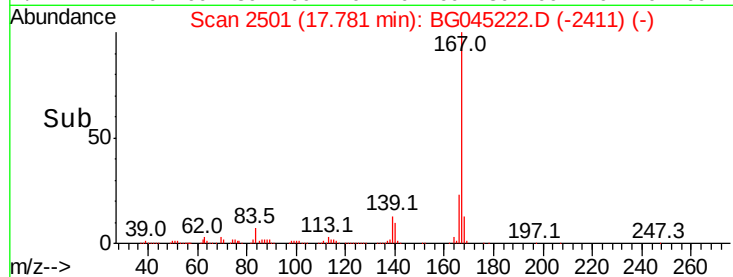
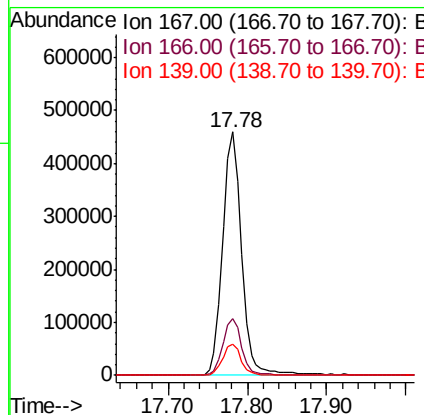
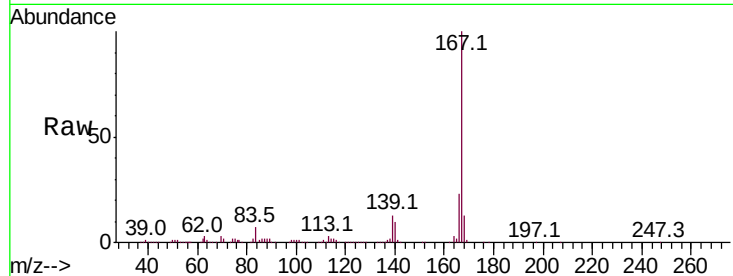
ClientSampleId :

SU-03-043020MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 167     | 100   |      |       |       |
| 166     | 23.1  | 19.8 | 29.6  |       |
| 139     | 12.6  | 10.9 | 16.3  |       |

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#74

Di-n-butylphthalate

Concen: 30.761 ng

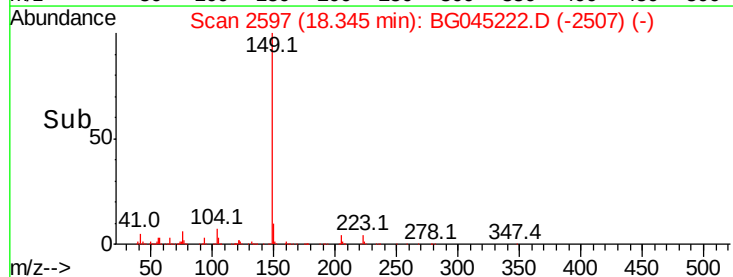
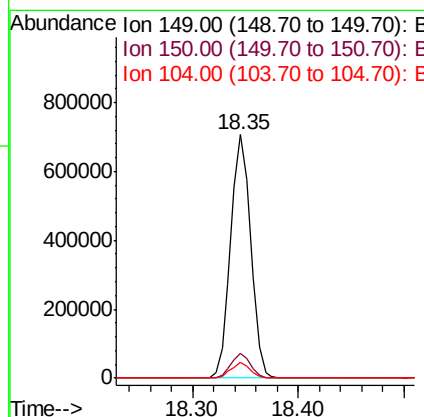
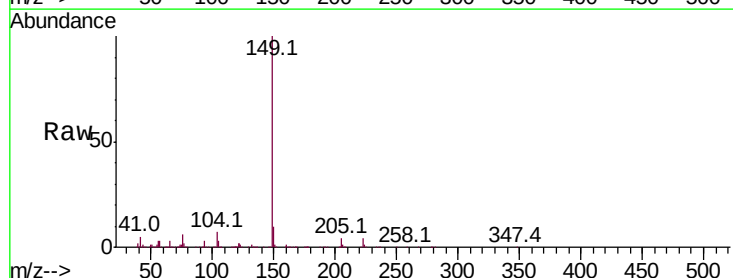
RT: 18.35 min Scan# 2597

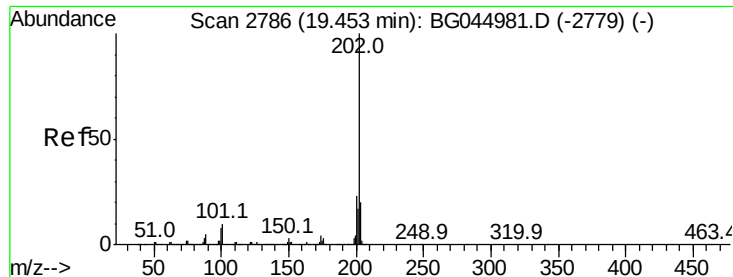
Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 150     | 10.1  | 8.2  | 12.2  |       |
| 104     | 6.6   | 4.8  | 7.2   |       |





#75

Fluoranthene

Concen: 32.407 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

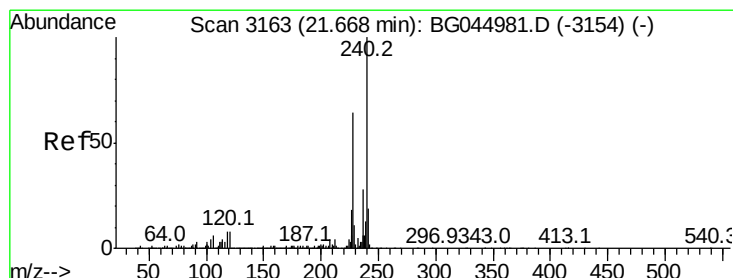
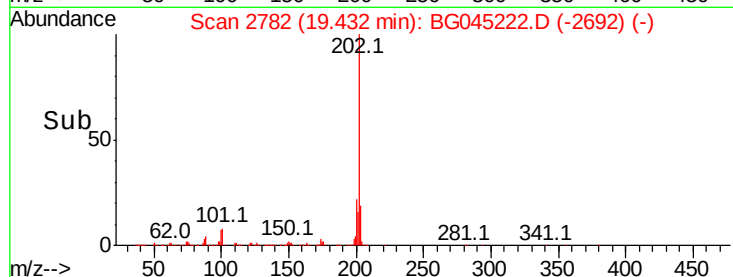
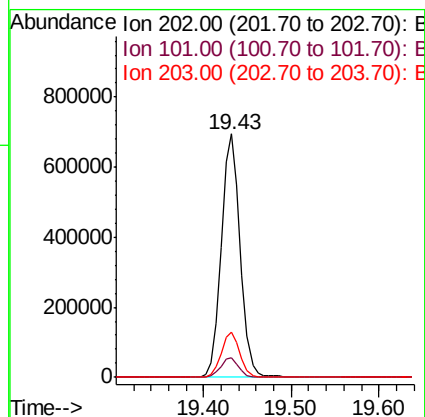
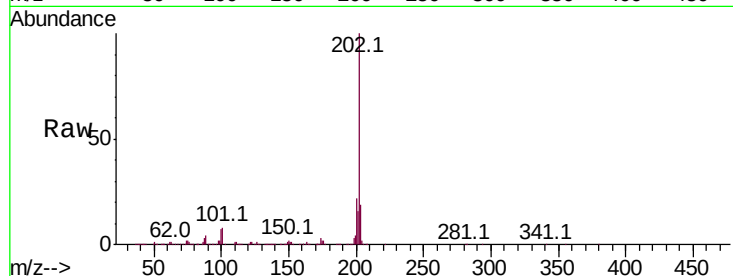
ClientSampleId :

SU-03-043020MSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1029103 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 8.3   | 0.0   | 29.6    |
| 203       | 18.8  | 0.0   | 39.7    |

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#76

Chrysene-d12

Concen: 20.000 ng

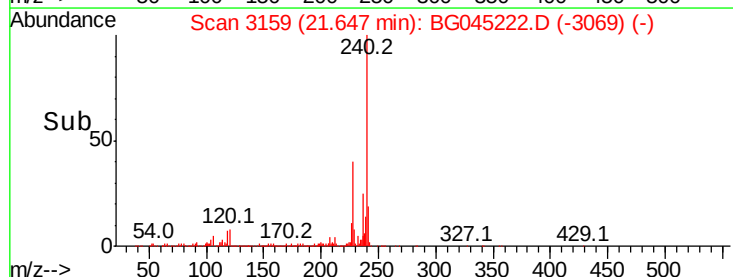
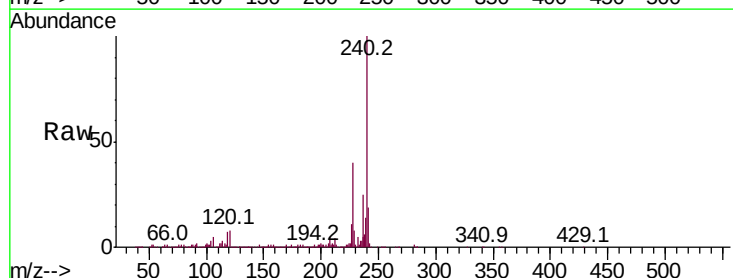
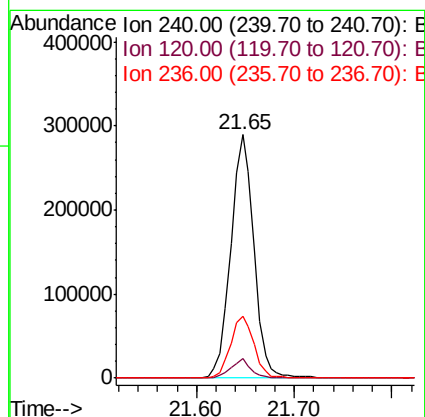
RT: 21.65 min Scan# 3159

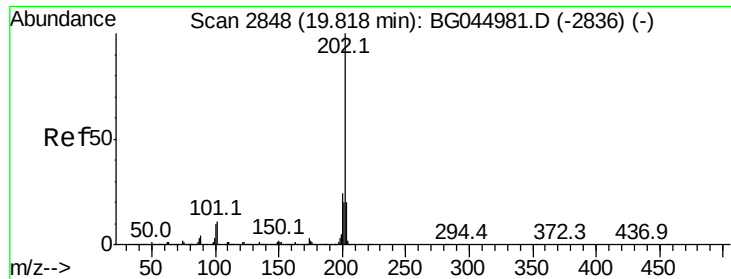
Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 474383 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 7.9   | 6.6   | 10.0   |
| 236       | 25.4  | 22.2  | 33.2   |





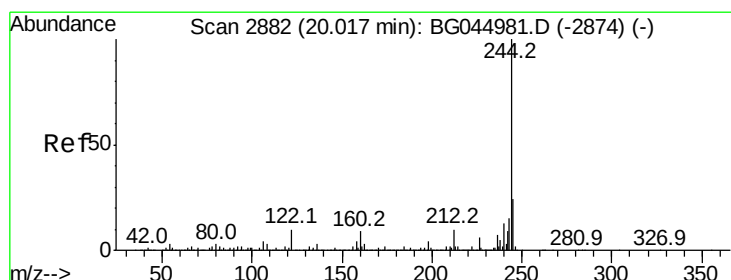
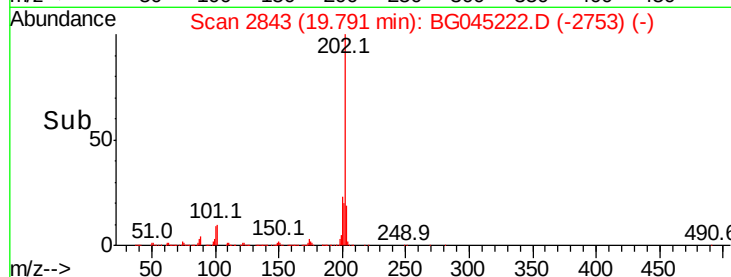
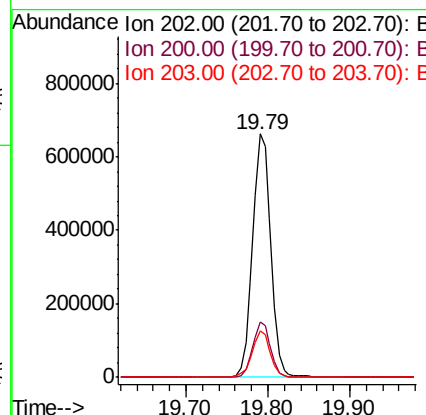
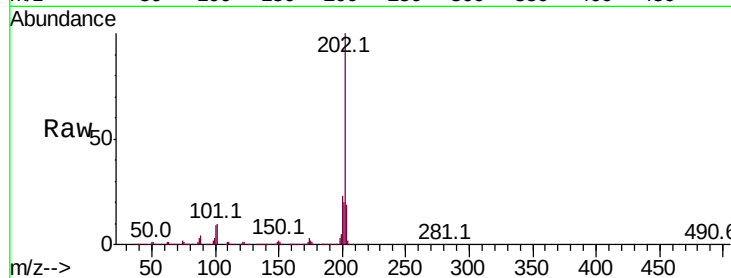
#78  
Pvrene  
Concen: 31.266 ng  
RT: 19.79 min Scan# 2843  
Delta R.T. -0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.8  | 19.0  | 28.6  |
| 203     | 19.2  | 16.1  | 24.1  |

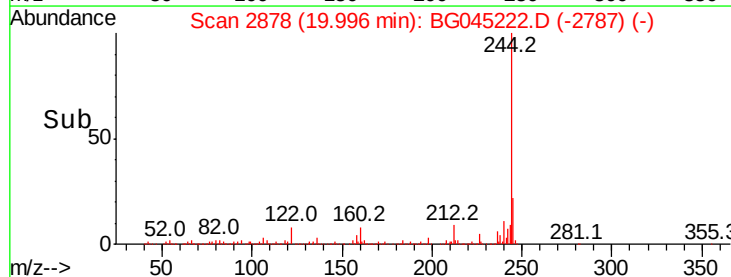
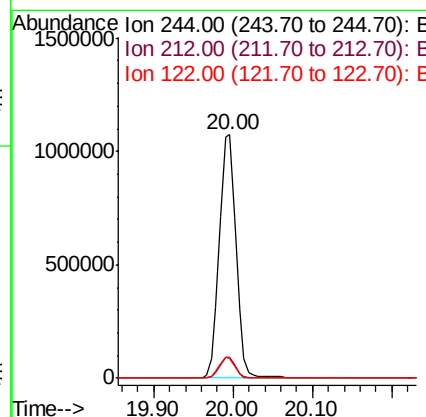
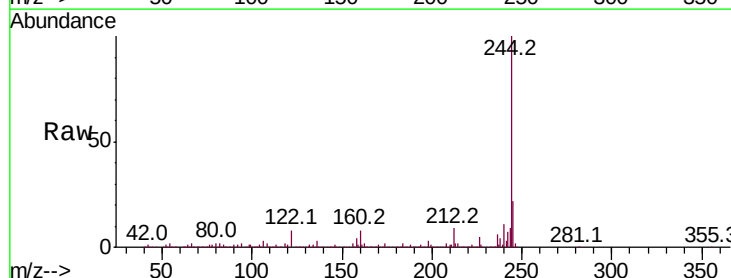
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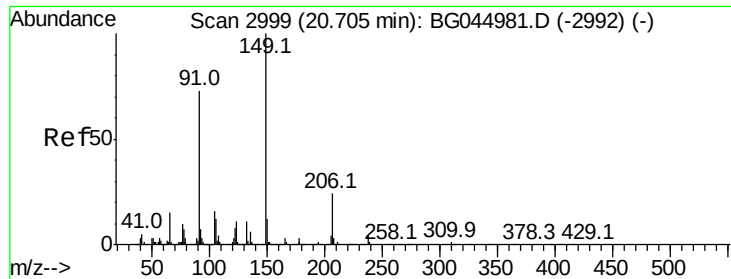
mohammad  
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#79  
Terphenyl-d14  
Concen: 72.517 ng  
RT: 20.00 min Scan# 2878  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.8   | 7.9   | 11.9  |
| 122     | 7.9   | 7.7   | 11.5  |





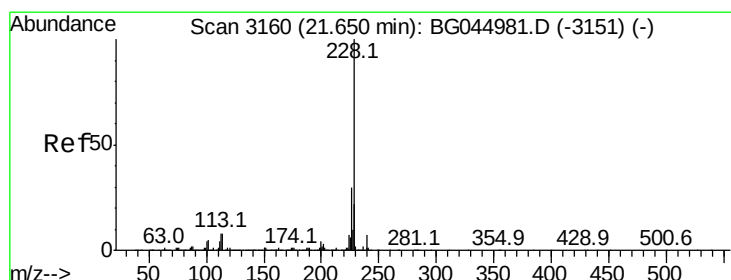
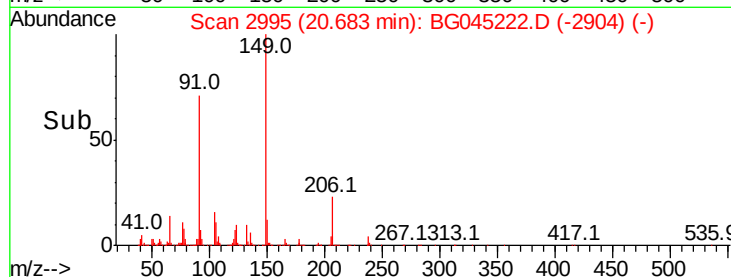
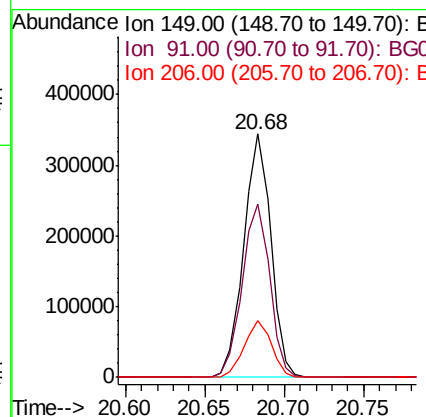
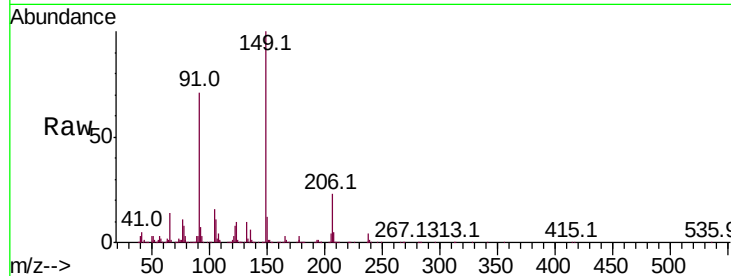
#80  
Butylbenzylphthalate  
Concen: 30.148 ng  
RT: 20.68 min Scan# 2995  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

Instrument :  
BNA\_G  
ClientSampleId :  
SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.0  | 58.5  | 87.7  |
| 206     | 23.3  | 19.2  | 28.8  |

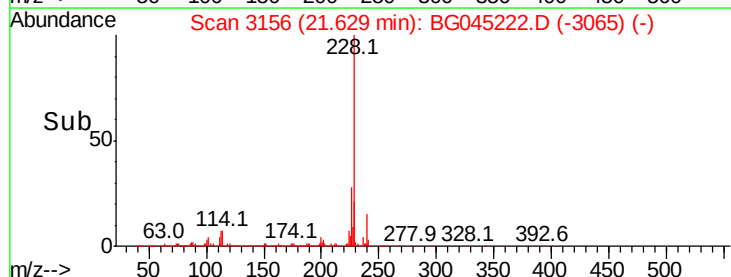
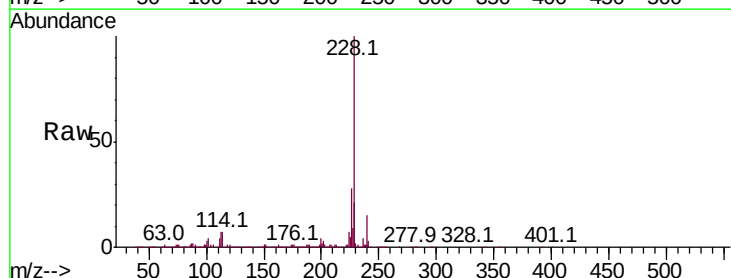
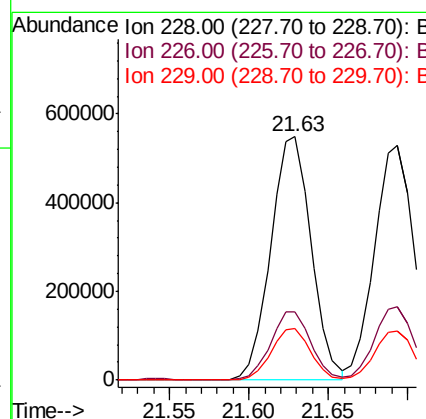
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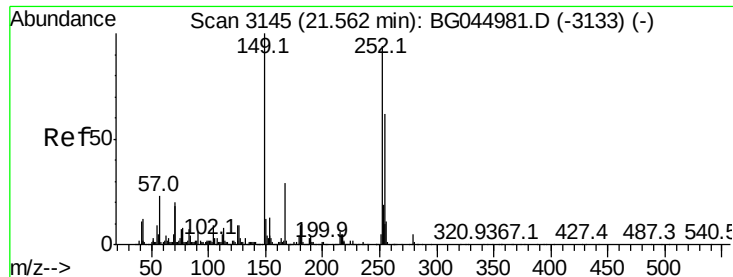
mohammad  
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#81  
Benzo(a)anthracene  
Concen: 31.804 ng  
RT: 21.63 min Scan# 3156  
Delta R.T. 0.00 min  
Lab File: BG045222.D  
Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.3  | 24.0  | 36.0  |
| 229     | 21.4  | 17.5  | 26.3  |





#82

3,3'-Dichlorobenzidine

Concen: 20.748 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

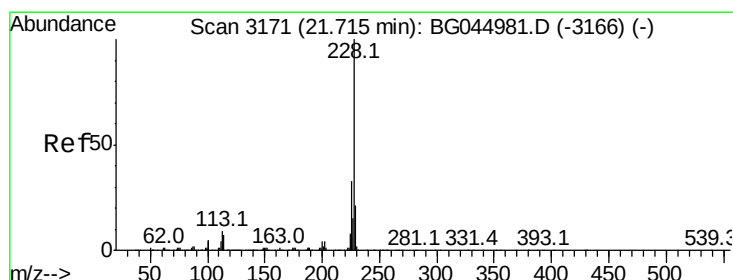
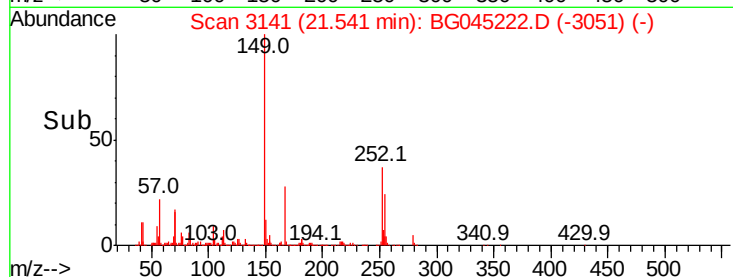
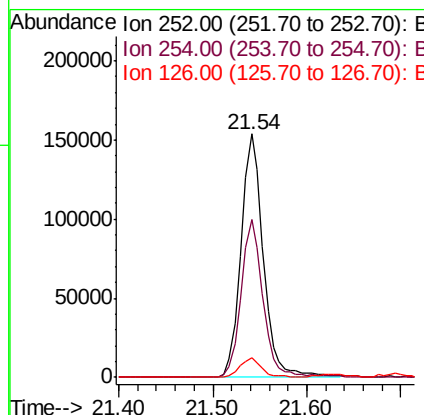
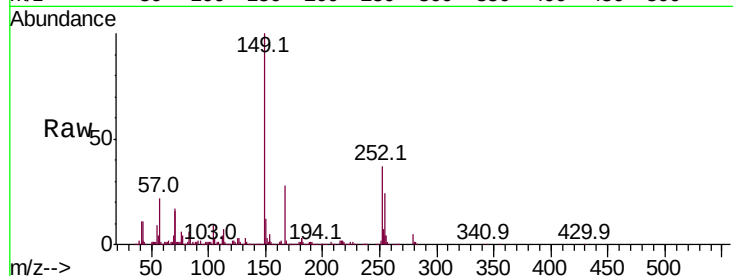
ClientSampleId :

SU-03-043020MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 253910 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.6  | 52.6  | 79.0   |
| 126       | 7.9   | 7.5   | 11.3   |

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#83

Chrysene

Concen: 31.276 ng

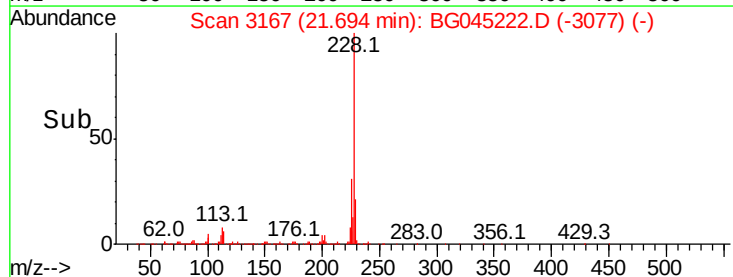
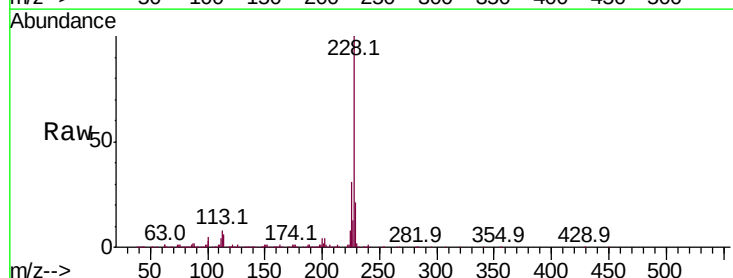
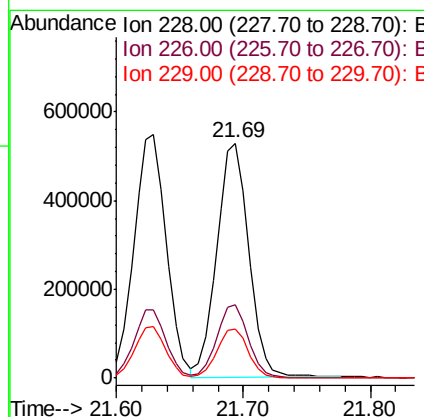
RT: 21.69 min Scan# 3167

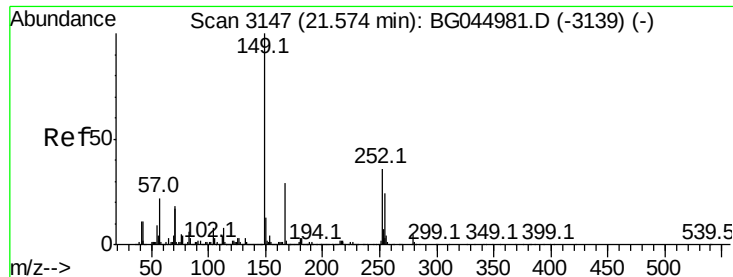
Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 923969 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.1  | 26.2  | 39.4   |
| 229       | 20.8  | 17.0  | 25.6   |





#84

Bis(2-ethylhexyl)phthalate

Concen: 30.842 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

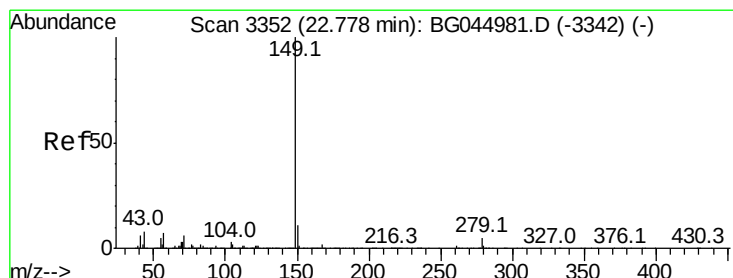
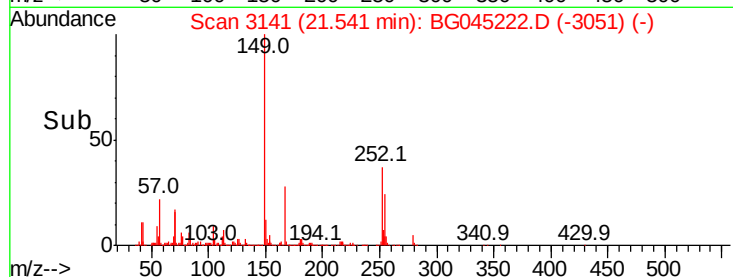
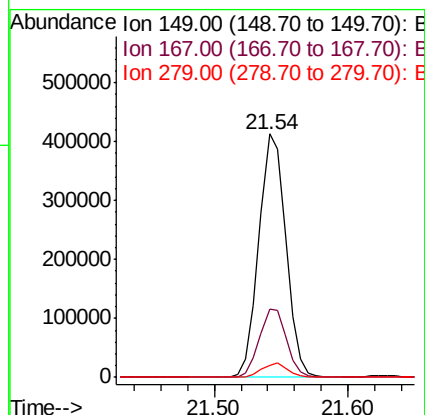
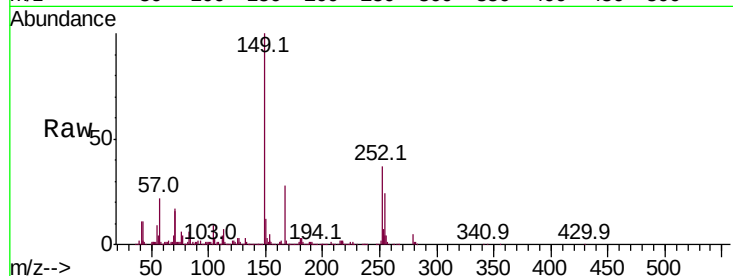
ClientSampleId :

SU-03-043020MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 575026 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 28.1  | 23.4  | 35.0   |
| 279       | 4.8   | 4.3   | 6.5    |

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#85

Di-n-octyl phthalate

Concen: 30.541 ng

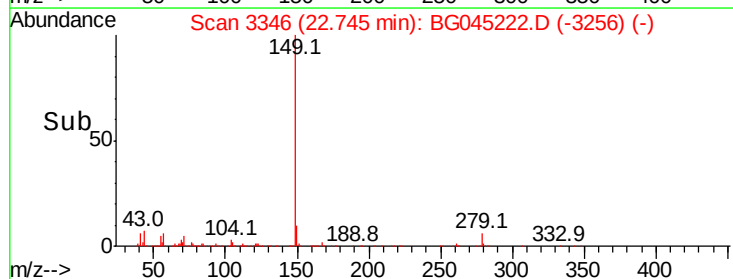
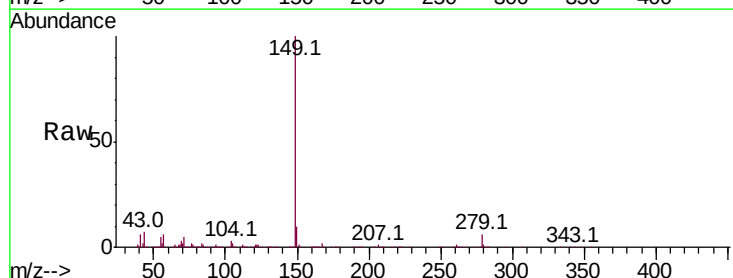
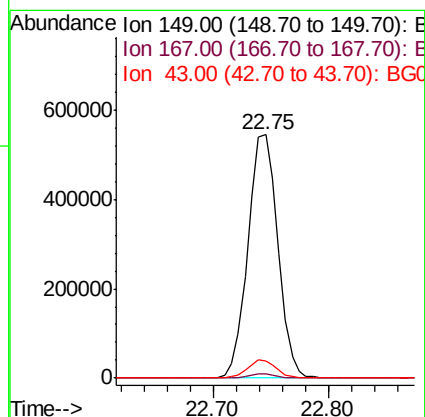
RT: 22.75 min Scan# 3346

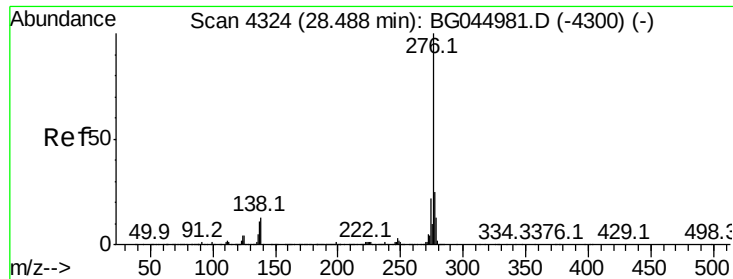
Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 984682 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.7   | 1.4   | 2.2    |
| 43        | 6.8   | 5.7   | 8.5    |





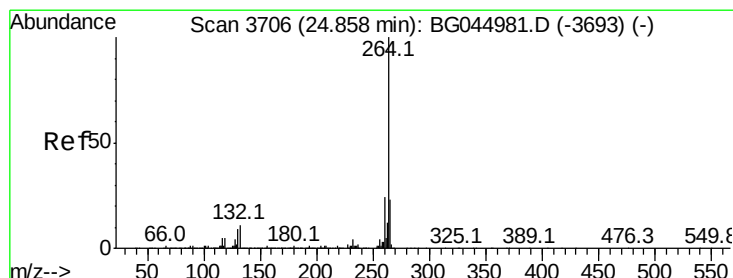
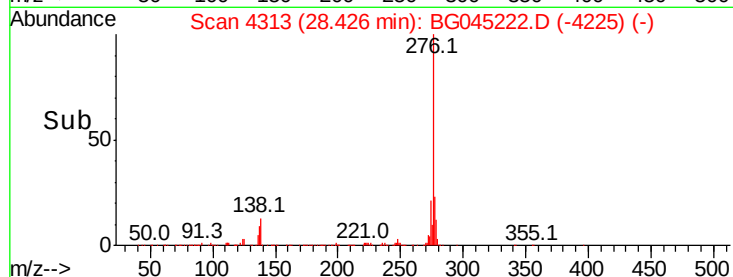
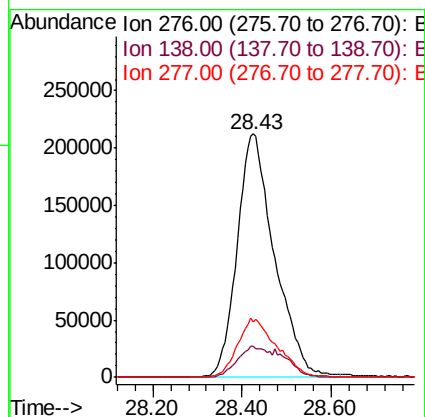
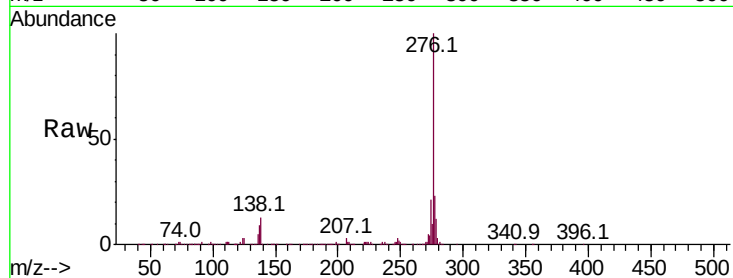
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 31.461 ng  
 RT: 28.43 min Scan# 4313  
 Delta R.T. -0.02 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SU-03-043020MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 10.6  | 9.6   | 14.4  |
| 277     | 25.3  | 20.6  | 31.0  |

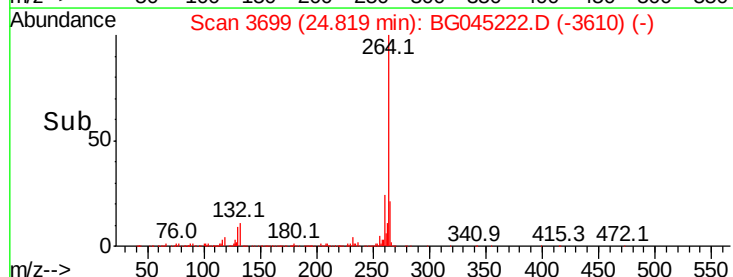
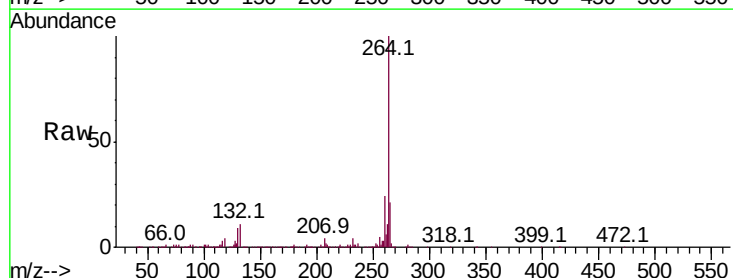
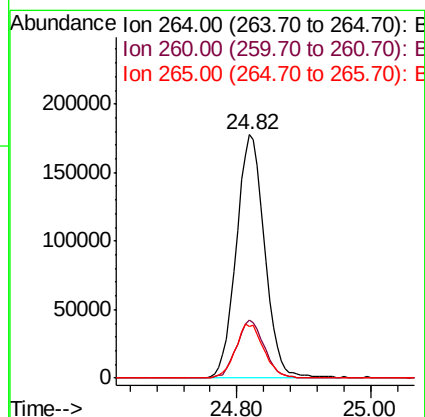
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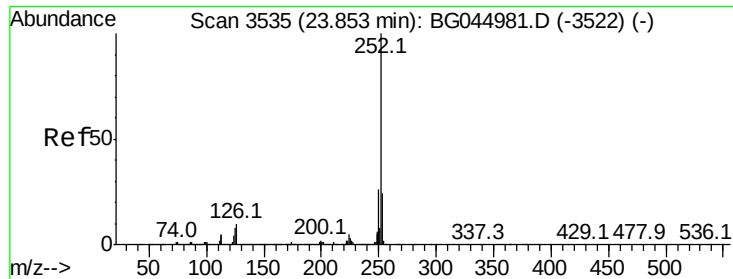
mohammad  
 5/4/2020 3:46:18 PM



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.82 min Scan# 3699  
 Delta R.T. -0.01 min  
 Lab File: BG045222.D  
 Acq: 1 May 2020 18:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 19.2  | 28.8  |
| 265     | 21.4  | 19.0  | 28.4  |





#88

Benzo(b)fluoranthene

Concen: 31.543 ng m

RT: 23.81 min Scan# 3528

Delta R.T. -0.01 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

Tot Ion:252 Resp: 1034846

Ion Ratio Lower Upper

252 100

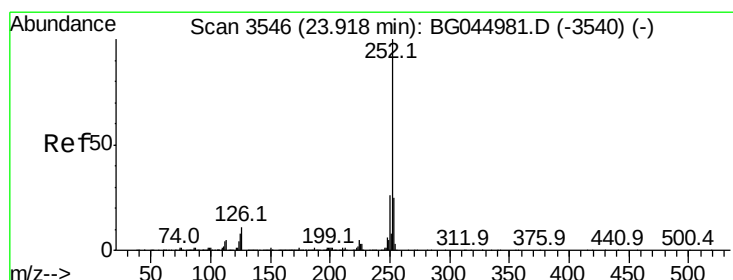
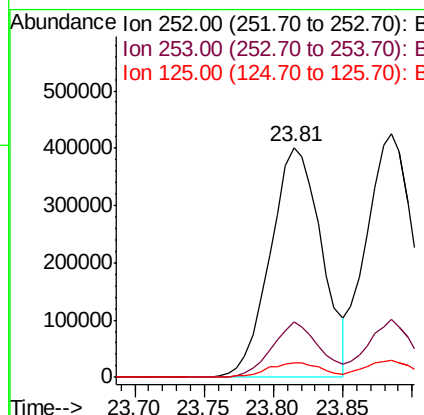
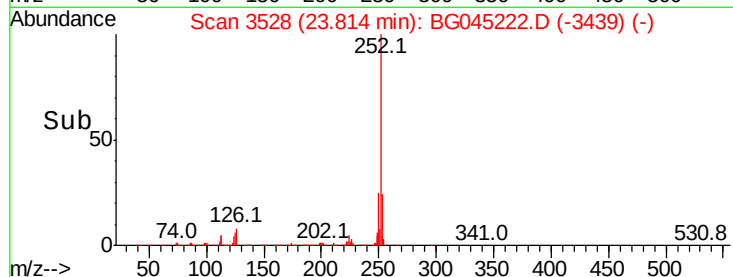
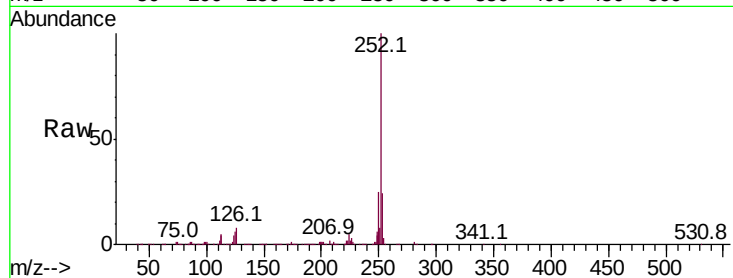
253 24.4 18.8 28.2

125 6.2 6.2 9.4#

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#89

Benzo(k)fluoranthene

Concen: 32.710 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

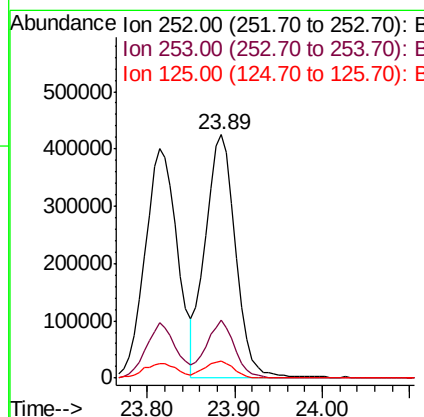
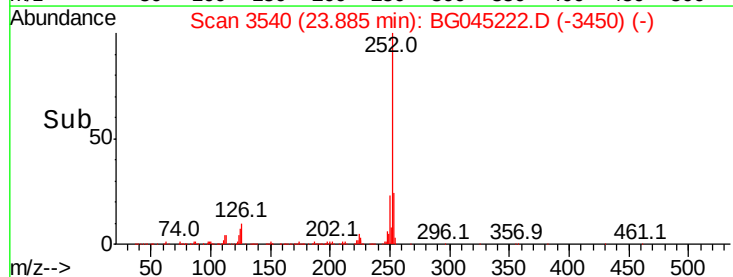
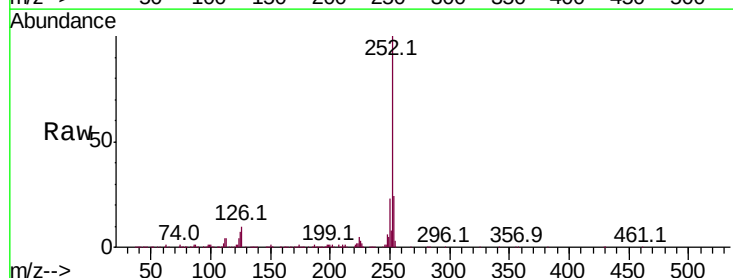
Tgt Ion:252 Resp: 1020569

Ion Ratio Lower Upper

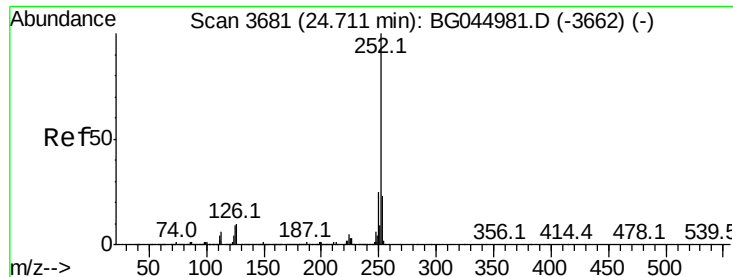
252 100

253 24.0 19.2 28.8

125 6.8 5.9 8.9







#90

Benzo(a)pyrene

Concen: 31.073 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.01 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

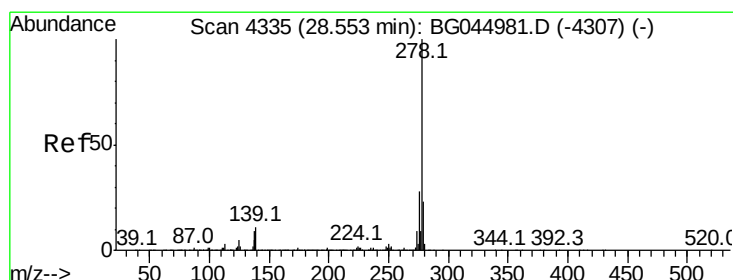
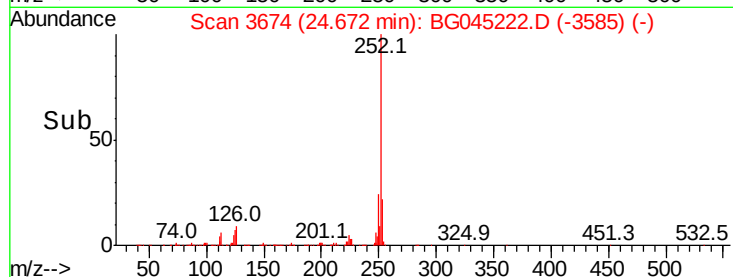
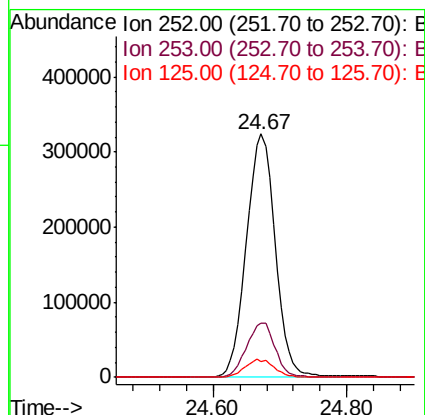
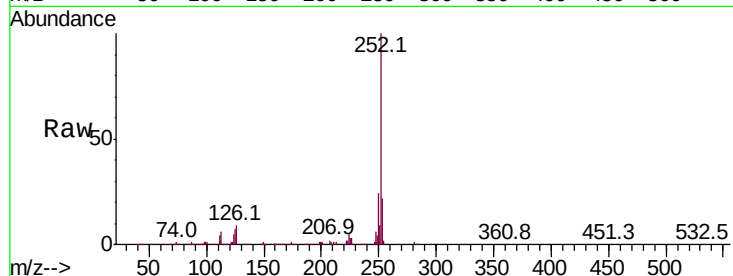
ClientSampleId :

SU-03-043020MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 962501 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.2  | 18.3  | 27.5   |
| 125       | 6.7   | 7.0   | 10.6   |

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#91

Dibenzo(a,h)anthracene

Concen: 32.176 ng

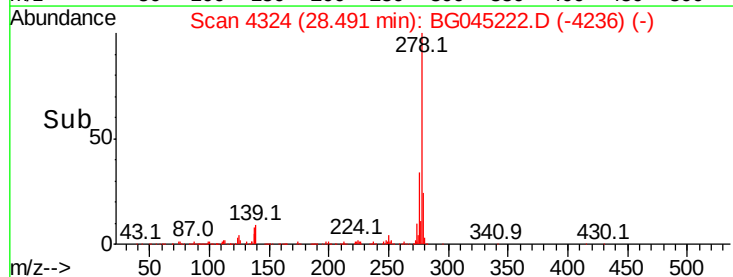
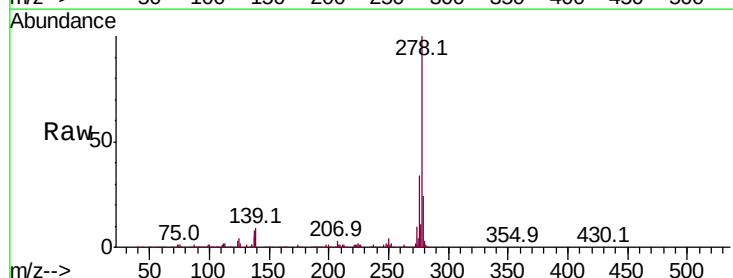
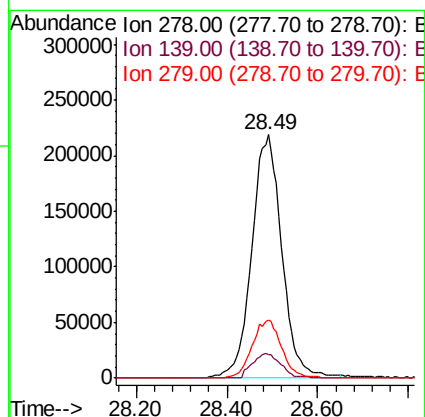
RT: 28.49 min Scan# 4324

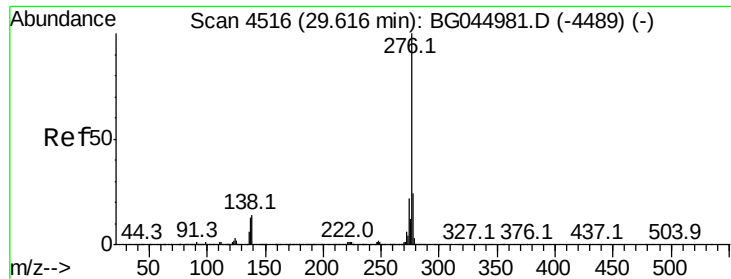
Delta R.T. -0.02 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 278   | Resp: | 1004287 |
| Ion Ratio | Lower | Upper |         |
| 278       | 100   |       |         |
| 139       | 9.4   | 9.0   | 13.6    |
| 279       | 24.1  | 18.4  | 27.6    |





#92

Benzo(a,h,i)perylene

Concen: 32.843 ng

RT: 29.55 min Scan# 4504

Delta R.T. -0.02 min

Lab File: BG045222.D

Acq: 1 May 2020 18:57

Instrument :

BNA\_G

ClientSampleId :

SU-03-043020MSD

Tot Ion:276 Resp: 1027723

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 12.9 11.4 17.2

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