

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\  
 Data File : BM026728.D  
 Acq On : 10 Jul 2020 11:31  
 Operator : JU/CG  
 Sample : L3160-01MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

Manual Integrations  
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 7/13/2020 1:02:40 PM

Quant Time: Jul 10 12:04:34 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 10 10:38:33 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.32  | 152  | 78761    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.07 | 136  | 286967   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 13.98 | 164  | 159701   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.74 | 188  | 325891   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 20.96 | 240  | 372670   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.03 | 264  | 395274   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 4.96  | 112 | 606428  | 129.05 | ng | 0.00 |
| 7) Phenol-d6                | 6.53  | 99  | 801072  | 107.00 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.47  | 82  | 559757  | 83.22  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.49 | 330 | 267101  | 114.82 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.59 | 172 | 1029999 | 85.76  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.40 | 244 | 1642655 | 86.75  | ng | 0.00 |

|                                |       |     |         |        |        |      |
|--------------------------------|-------|-----|---------|--------|--------|------|
| Target Compounds               |       |     |         |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 2.95  | 88  | 112304  | 49.740 | ng     | 98   |
| 3) Pyridine                    | 3.33  | 79  | 283954  | 43.971 | ng     | 97   |
| 4) n-Nitrosodimethylamine      | 3.25  | 42  | 186186  | 48.169 | ng     | 98   |
| 6) Aniline                     | 6.67  | 93  | 267089  | 29.065 | ng     | 99   |
| 8) 2-Chlorophenol              | 6.89  | 128 | 255481  | 45.642 | ng     | 99   |
| 9) Benzaldehyde                | 6.48  | 77  | 105862  | 25.477 | ng     | 93   |
| 10) Phenol                     | 6.56  | 94  | 339110  | 45.829 | ng     | 99   |
| 11) bis(2-Chloroethyl)ether    | 6.78  | 93  | 256453  | 41.450 | ng     | 98   |
| 12) 1,3-Dichlorobenzene        | 7.21  | 146 | 281069  | 46.195 | ng     | 96   |
| 13) 1,4-Dichlorobenzene        | 7.36  | 146 | 286391  | 46.242 | ng     | 98   |
| 14) 1,2-Dichlorobenzene        | 7.66  | 146 | 274001  | 44.412 | ng     | 99   |
| 15) Benzyl Alcohol             | 7.58  | 79  | 248260  | 38.754 | ng     | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.86  | 45  | 489110  | 38.302 | ng     | 99   |
| 17) 2-Methylphenol             | 7.78  | 107 | 211860  | 37.674 | ng     | 97   |
| 18) Hexachloroethane           | 8.37  | 117 | 115519  | 46.964 | ng     | 98   |
| 19) n-Nitroso-di-n-propylamine | 8.13  | 70  | 221714  | 35.592 | ng     | 96   |
| 20) 3+4-Methylphenols          | 8.11  | 107 | 280025  | 36.221 | ng     | 99   |
| 22) Acetophenone               | 8.15  | 105 | 381287  | 46.756 | ng     | # 97 |
| 24) Nitrobenzene               | 8.51  | 77  | 325149  | 45.949 | ng     | 98   |
| 25) Isophorone                 | 9.03  | 82  | 539990  | 41.865 | ng     | 99   |
| 26) 2-Nitrophenol              | 9.21  | 139 | 129696  | 49.660 | ng     | 96   |
| 27) 2,4-Dimethylphenol         | 9.29  | 122 | 204952  | 48.259 | ng     | 99   |
| 28) bis(2-Chloroethoxy)methane | 9.52  | 93  | 319215  | 44.798 | ng     | 100  |
| 29) 2,4-Dichlorophenol         | 9.75  | 162 | 217267  | 46.454 | ng     | 99   |
| 30) 1,2,4-Trichlorobenzene     | 9.95  | 180 | 247553  | 47.445 | ng     | 99   |
| 31) Naphthalene                | 10.13 | 128 | 1090452 | 68.321 | ng     | 99   |
| 32) Benzoic acid               | 9.47  | 122 | 139951  | 39.447 | ng     | 94   |
| 33) 4-Chloroaniline            | 10.26 | 127 | 82205   | 11.774 | ng     | 96   |
| 34) Hexachlorobutadiene        | 10.41 | 225 | 159484  | 46.153 | ng     | 98   |
| 35) Caprolactam                | 11.05 | 113 | 62661m  | 37.822 | ng     |      |
| 36) 4-Chloro-3-methylphenol    | 11.40 | 107 | 245707  | 41.567 | ng     | 98   |
| 37) 2-Methylnaphthalene        | 11.75 | 142 | 524226  | 44.339 | ng     | 99   |
| 38) 1-Methylnaphthalene        | 11.97 | 142 | 490038  | 43.261 | ng     | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.14 | 216 | 268681  | 52.043 | ng     | 98   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\  
 Data File : BM026728.D  
 Acq On : 10 Jul 2020 11:31  
 Operator : JU/CG  
 Sample : L3160-01MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

Manual Integrations  
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Quant Time: Jul 10 12:04:34 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 10 10:38:33 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.12 | 237  | 325292   | 109.739 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.39 | 196  | 169171   | 50.023  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.47 | 196  | 181839   | 45.757  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 12.80 | 154  | 623435   | 49.421  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 12.83 | 162  | 490104   | 48.094  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.06 | 65   | 189341   | 45.148  | ng    | 99       |
| 49) Acenaphthylene             | 13.70 | 152  | 756793   | 46.455  | ng    | 99       |
| 50) Dimethylphthalate          | 13.46 | 163  | 725985   | 53.147  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.58 | 165  | 127650   | 43.640  | ng    | 100      |
| 52) Acenaphthene               | 14.05 | 154  | 452622   | 45.716  | ng    | 99       |
| 53) 3-Nitroaniline             | 13.91 | 138  | 70733    | 23.244  | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.13 | 184  | 154346   | 76.454  | ng    | 97       |
| 55) Dibenzofuran               | 14.39 | 168  | 721355   | 44.436  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.25 | 139  | 214659   | 80.875  | ng    | 100      |
| 57) 2,4-Dinitrotoluene         | 14.38 | 165  | 181288   | 42.942  | ng    | 99       |
| 58) Fluorene                   | 15.05 | 166  | 585693   | 43.576  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.63 | 232  | 158048   | 45.540  | ng    | 99       |
| 60) Diethylphthalate           | 14.85 | 149  | 594560   | 41.163  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.05 | 204  | 301703   | 41.431  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.09 | 138  | 125542m  | 36.138  | ng    |          |
| 63) Azobenzene                 | 15.35 | 77   | 689454   | 43.458  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.16 | 198  | 104208   | 44.012  | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.27 | 169  | 495595   | 47.855  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 15.95 | 248  | 178420   | 43.985  | ng    | 95       |
| 68) Hexachlorobenzene          | 16.06 | 284  | 198414   | 46.475  | ng    | 95       |
| 69) Atrazine                   | 16.25 | 200  | 162850   | 52.292  | ng    | 97       |
| 70) Pentachlorophenol          | 16.40 | 266  | 244851   | 101.379 | ng    | 99       |
| 71) Phenanthrene               | 16.79 | 178  | 880457   | 45.764  | ng    | 99       |
| 72) Anthracene                 | 16.87 | 178  | 906451   | 47.328  | ng    | 100      |
| 73) Carbazole                  | 17.16 | 167  | 803950   | 44.029  | ng    | 99       |
| 74) Di-n-butylphthalate        | 17.74 | 149  | 1036300  | 45.136  | ng    | 99       |
| 75) Fluoranthene               | 18.82 | 202  | 1071087  | 45.201  | ng    | 100      |
| 77) Benzidine                  | 19.02 | 184  | 434400   | 59.125  | ng    | 99       |
| 78) Pyrene                     | 19.18 | 202  | 1087176  | 46.310  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.12 | 149  | 482571   | 45.806  | ng    | 97       |
| 81) Benzo(a)anthracene         | 20.94 | 228  | 1147446  | 45.837  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 20.89 | 252  | 255357   | 32.140  | ng    | 99       |
| 83) Chrysene                   | 21.00 | 228  | 1112897  | 45.676  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 20.91 | 149  | 754373   | 44.698  | ng    | 100      |
| 85) Di-n-octyl phthalate       | 21.76 | 149  | 1336374  | 46.326  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 25.04 | 276  | 1504464  | 53.464  | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.43 | 252  | 1228165  | 47.157  | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 22.47 | 252  | 1259077  | 49.285  | ng    | 99       |
| 90) Benzo(a)pyrene             | 22.94 | 252  | 1146696  | 47.427  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.04 | 278  | 1273387  | 53.605  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 25.64 | 276  | 1212527  | 55.398  | ng    | 99       |

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

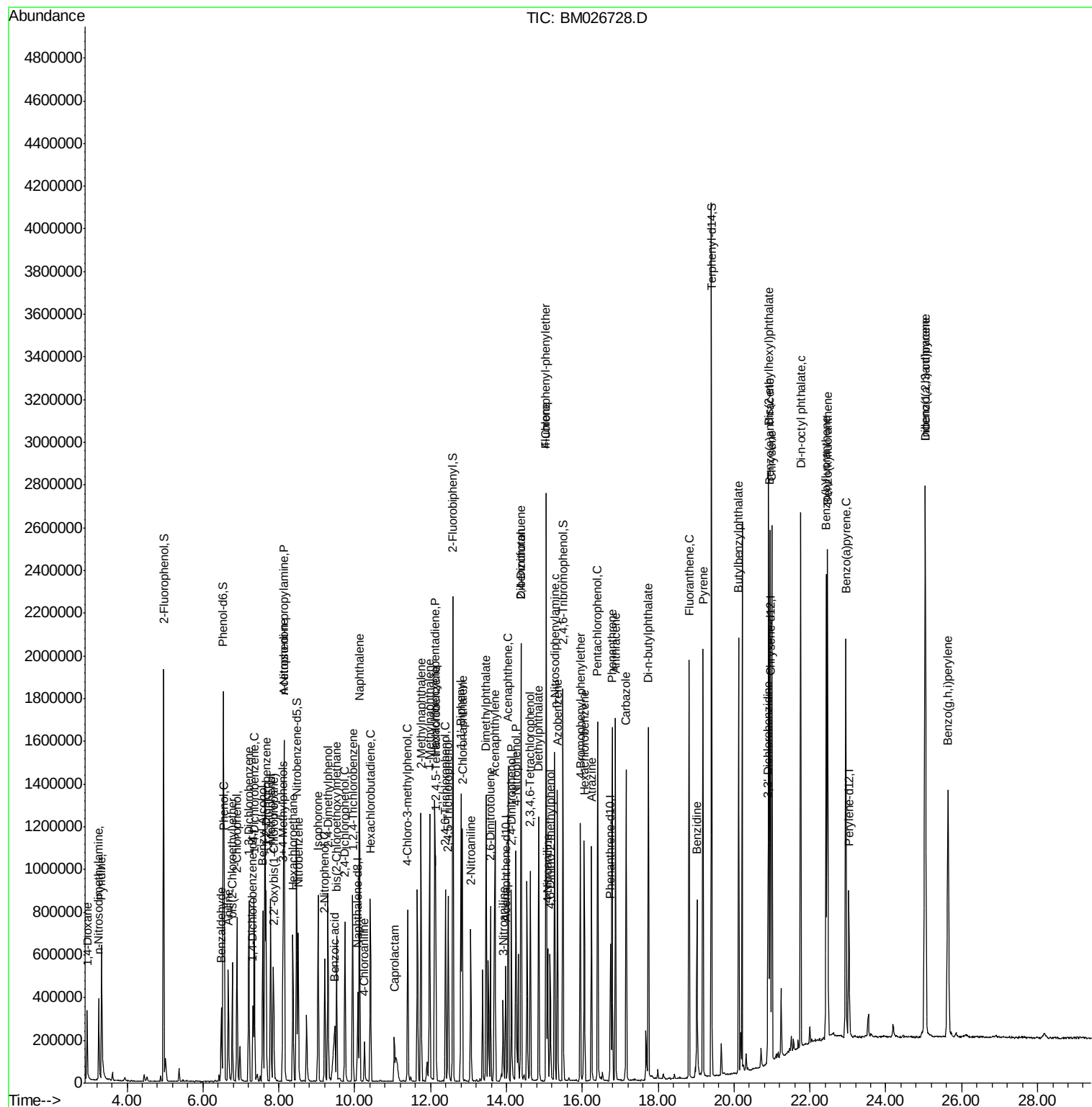
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\  
 Data File : BM026728.D  
 Acq On : 10 Jul 2020 11:31  
 Operator : JU/CG  
 Sample : L3160-01MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

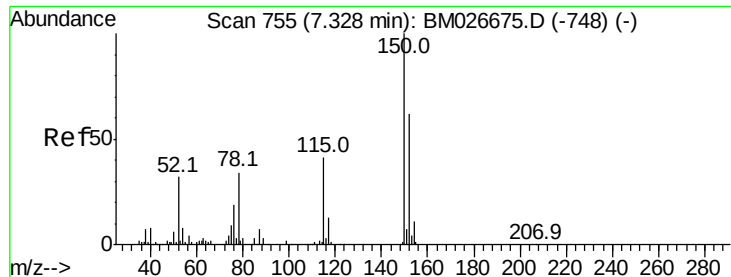
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

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Quant Time: Jul 10 12:04:34 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 10 10:38:33 2020  
 Response via : Initial Calibration





#1

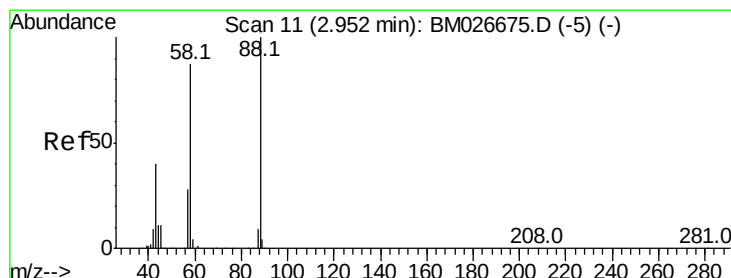
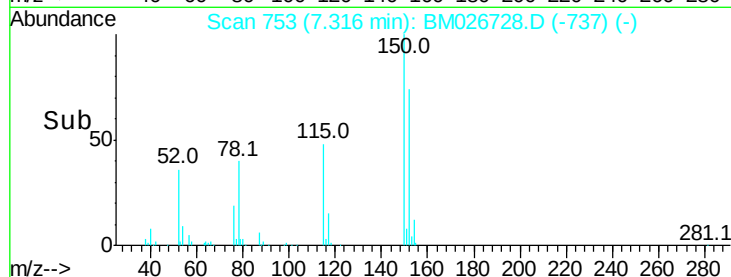
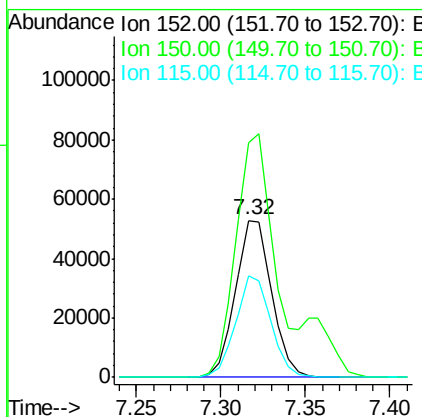
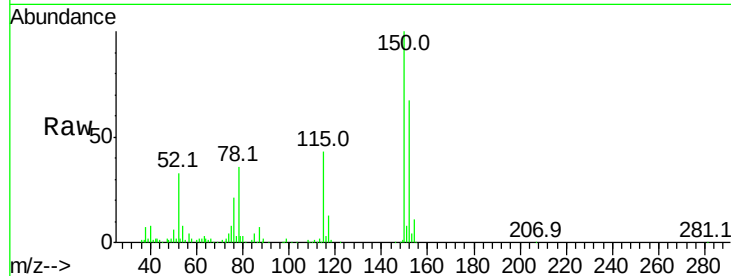
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.32 min Scan# 753  
Delta R.T. -0.01 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 149.0 | 128.1 | 192.1 |
| 115     | 64.3  | 52.2  | 78.4  |

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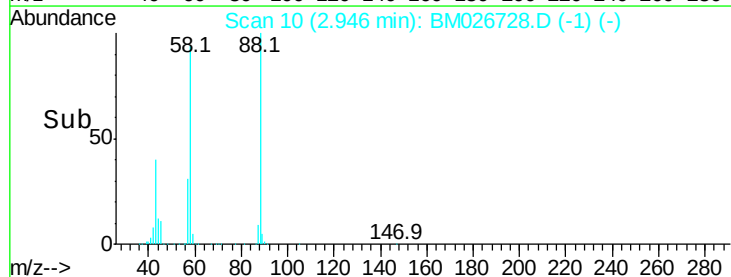
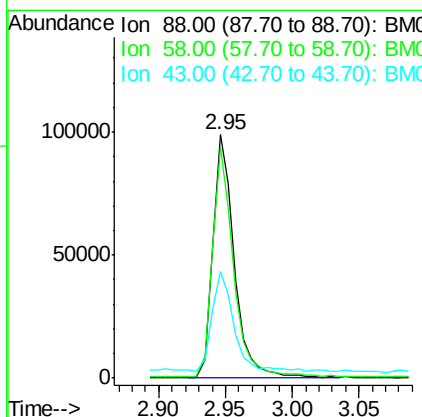
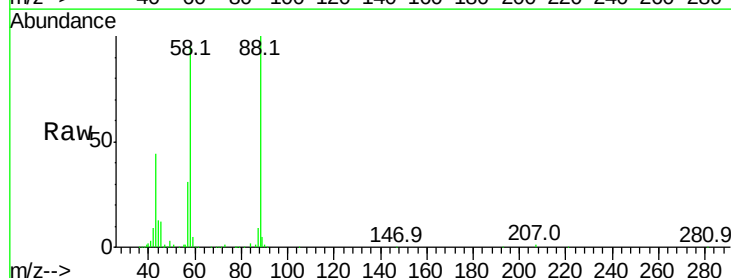
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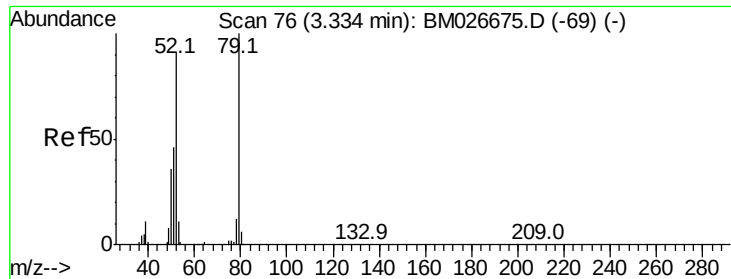


#2

1,4-Dioxane  
Concen: 49.740 ng  
RT: 2.95 min Scan# 10  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 93.4  | 73.2  | 109.8 |
| 43      | 42.6  | 34.3  | 51.5  |





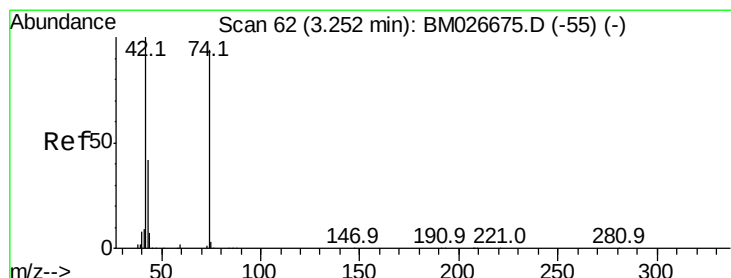
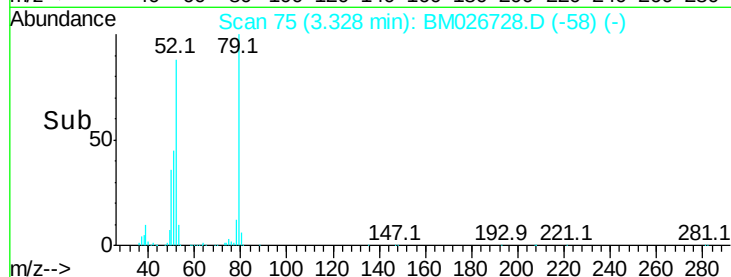
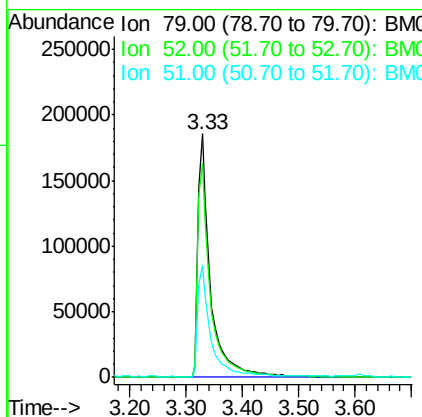
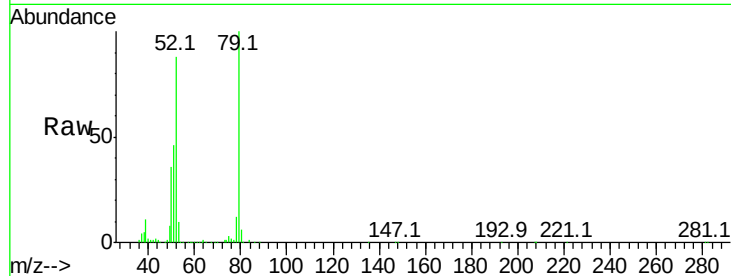
#3  
 Pvridine  
 Concen: 43.971 ng  
 RT: 3.33 min Scan# 75  
 Delta R.T. 0.00 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 88.1  | 72.9  | 109.3 |
| 51      | 45.8  | 37.6  | 56.4  |

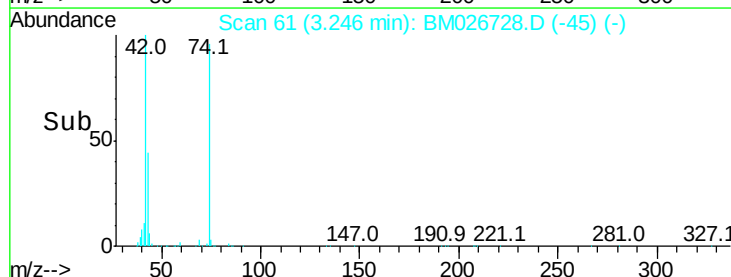
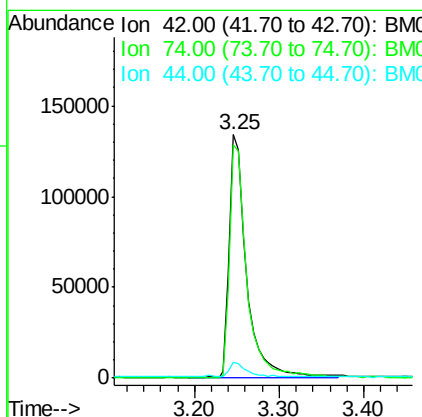
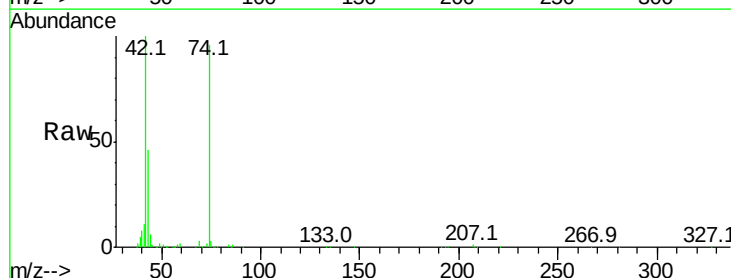
Manual Integrations  
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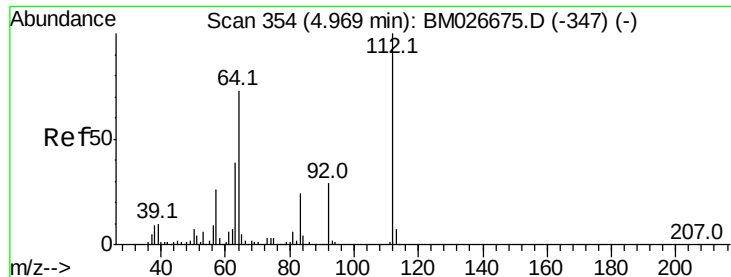
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#4  
 n-Nitrosodimethylamine  
 Concen: 48.169 ng  
 RT: 3.25 min Scan# 61  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 96.1  | 75.1  | 112.7 |
| 44      | 6.3   | 5.7   | 8.5   |





#5

2-Fluorophenol

Concen: 129.052 ng

RT: 4.96 min Scan# 353

Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

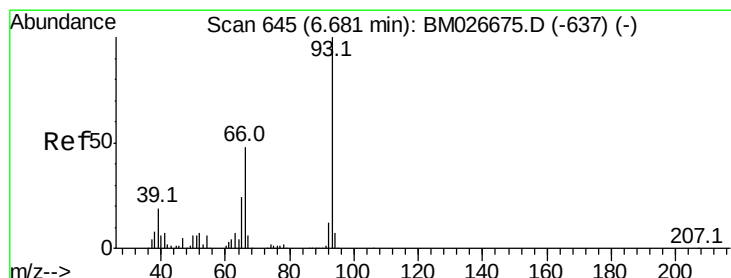
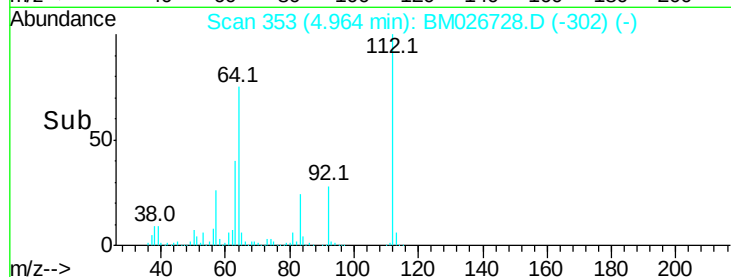
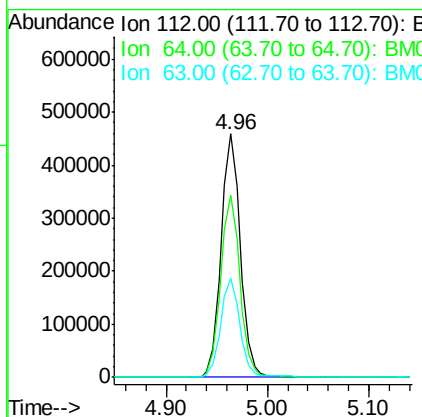
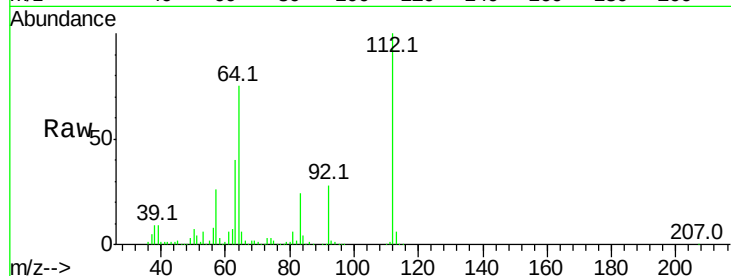
ClientSampleId :

MUDDY-DRUMMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 606428 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 74.8  | 58.4  | 87.6   |
| 63        | 40.5  | 31.5  | 47.3   |

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#6

Aniline

Concen: 29.065 ng

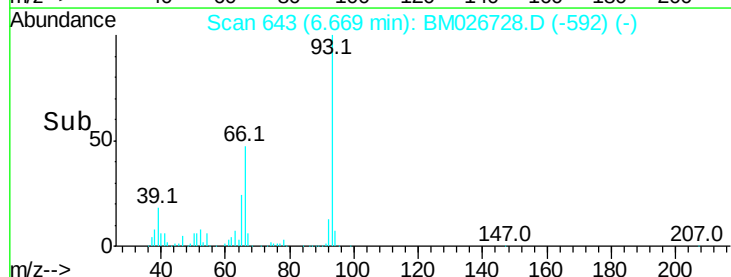
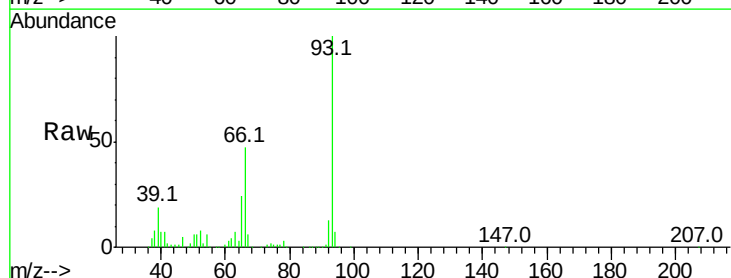
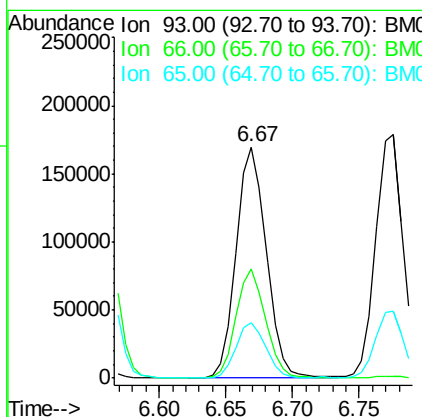
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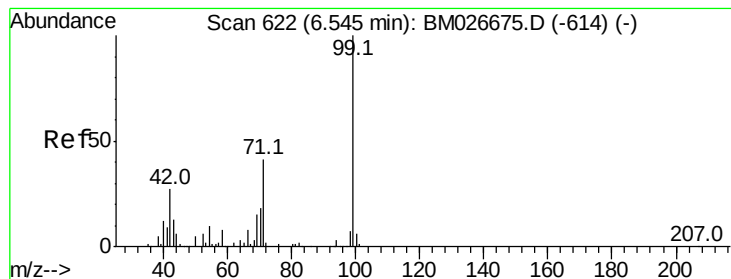
Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 267089 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 47.2  | 38.2  | 57.4   |
| 65        | 23.9  | 19.6  | 29.4   |





#7

Phenol-d6

Concen: 106.997 ng

RT: 6.53 min Scan# 620

Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

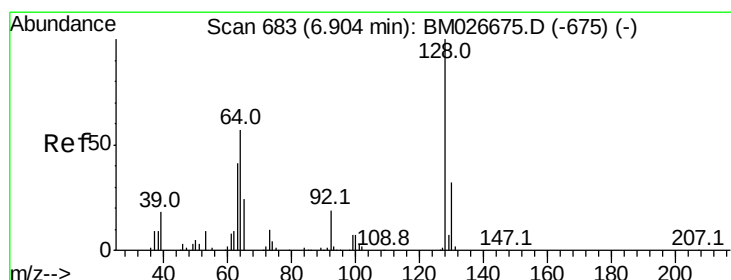
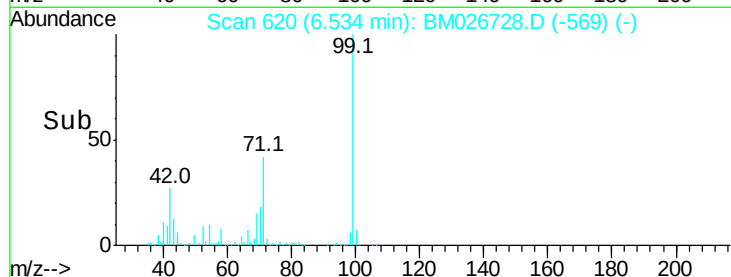
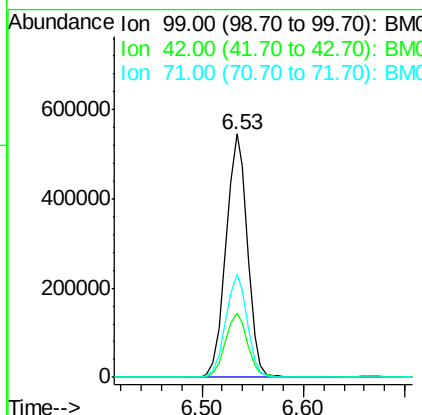
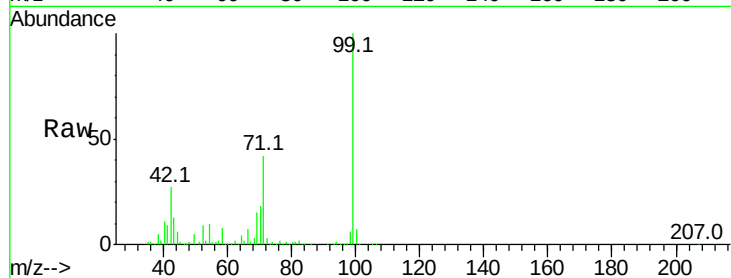
ClientSampleId :

MUDDY-DRUMMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 801072 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 26.6  | 21.7  | 32.5   |
| 71       | 42.3  | 33.2  | 49.8   |

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#8

2-Chlorophenol

Concen: 45.642 ng

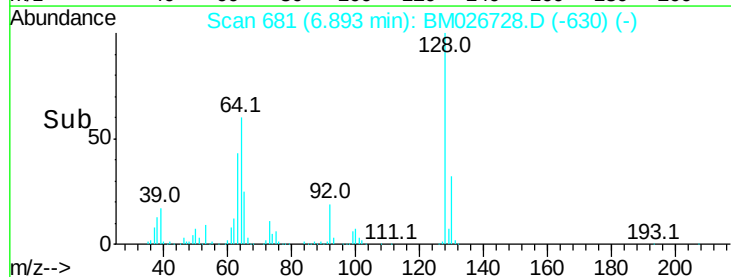
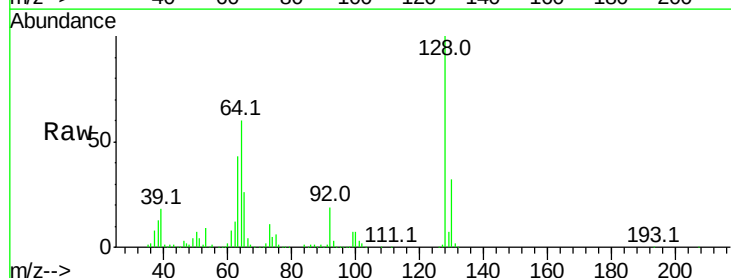
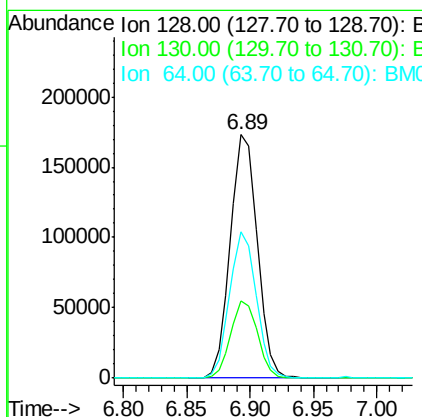
RT: 6.89 min Scan# 681

Delta R.T. 0.00 min

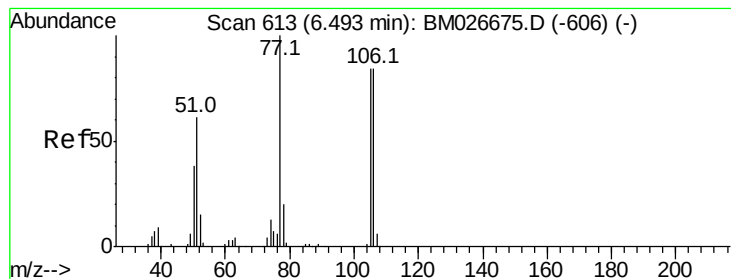
Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 255481 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 31.9  | 12.2  | 52.2   |
| 64       | 60.3  | 41.4  | 81.4   |







#9

Benzaldehyde

Concen: 25.477 ng

RT: 6.48 min Scan# 611

Delta R.T. -0.01 min

Lab File: BM026728.D

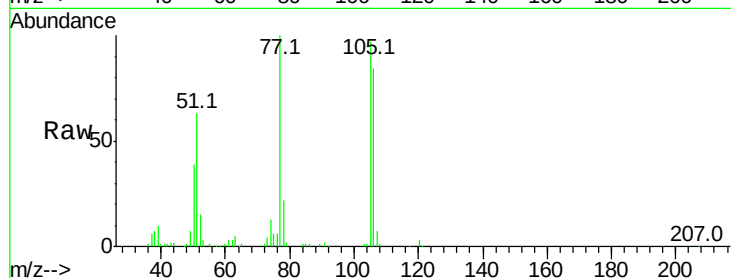
Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

ClientSampleId :

MUDDY-DRUMMS



Tot Ion: 77 Resp: 105862

Ion Ratio Lower Upper

77 100

105 96.5 64.4 104.4

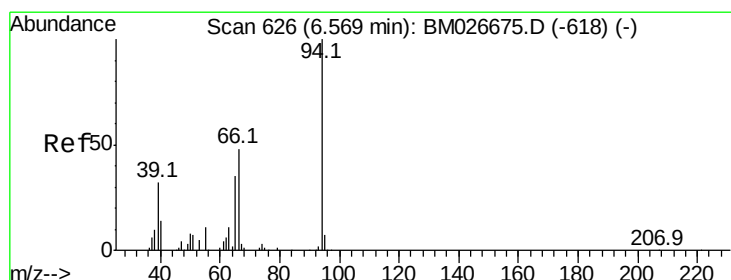
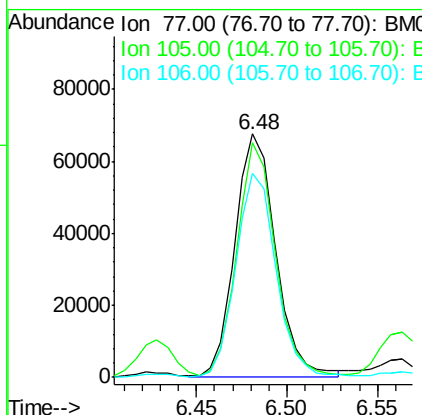
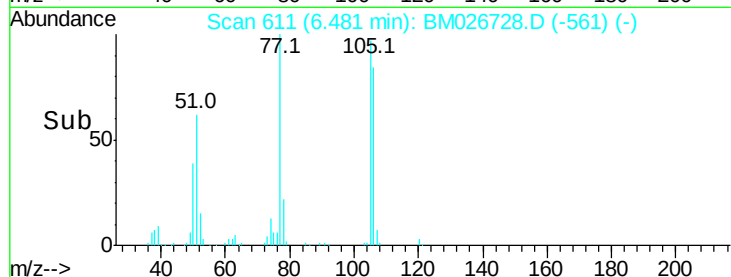
106 84.0 64.3 104.3

Manual Integrations

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#10

Phenol

Concen: 45.829 ng

RT: 6.56 min Scan# 624

Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

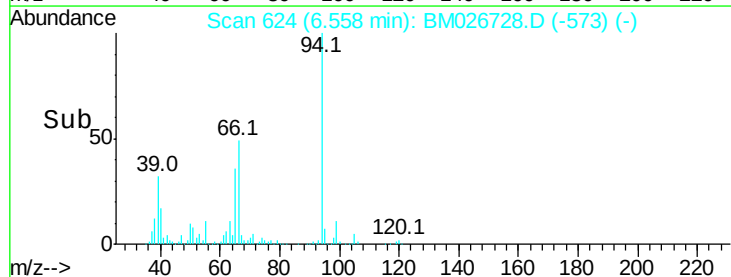
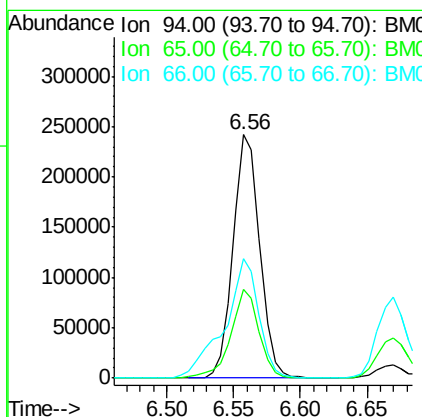
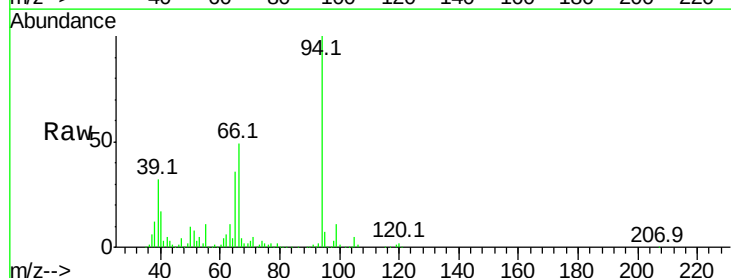
Tgt Ion: 94 Resp: 339110

Ion Ratio Lower Upper

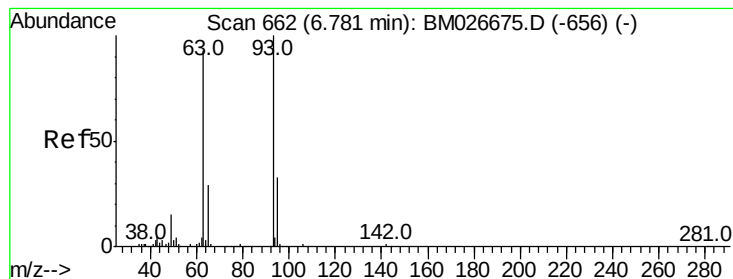
94 100

65 36.2 15.5 55.5

66 49.3 29.8 69.8







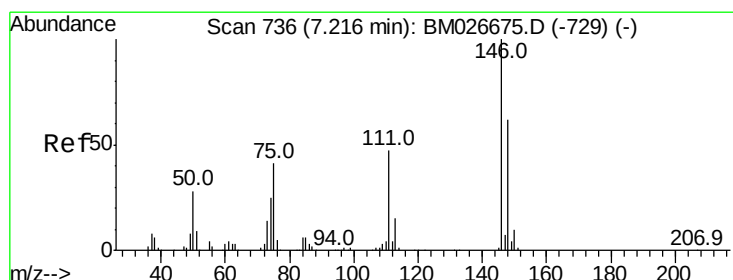
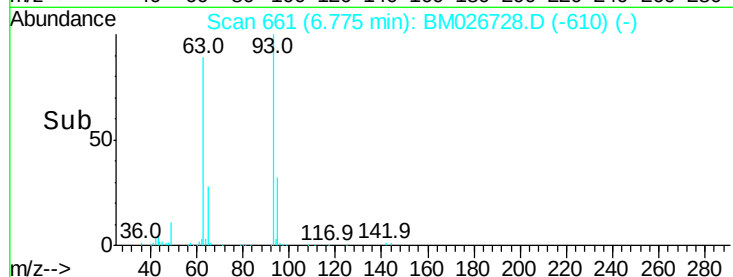
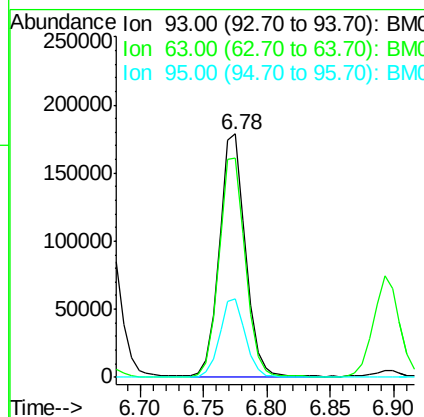
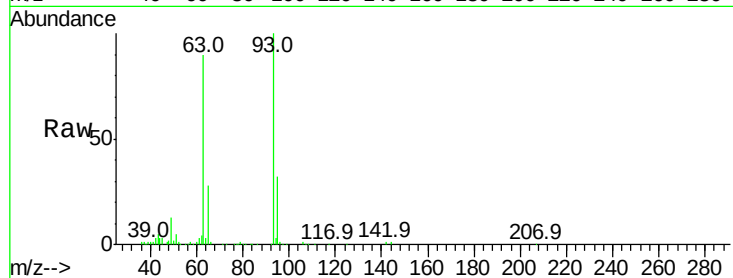
#11  
bis(2-Chloroethyl)ether  
Concen: 41.450 ng  
RT: 6.78 min Scan# 661  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 90.2  | 72.6  | 112.6 |
| 95      | 32.4  | 12.3  | 52.3  |

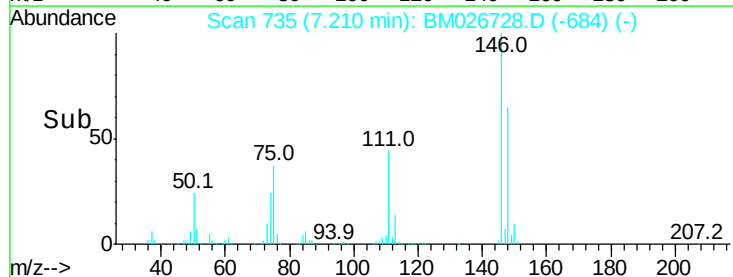
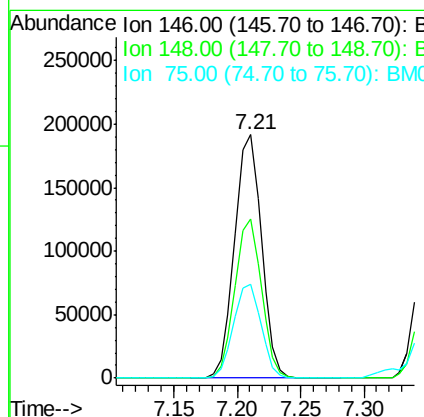
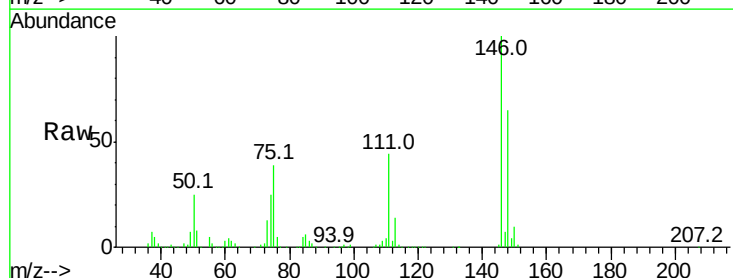
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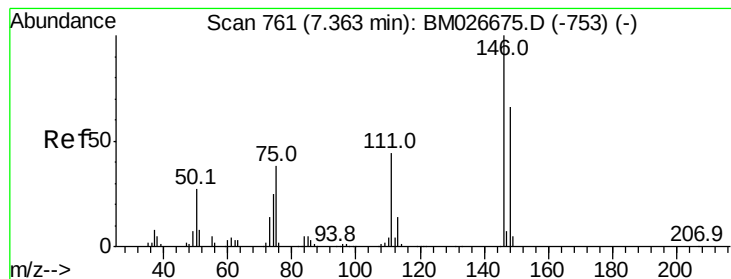
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 46.195 ng  
RT: 7.21 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 49.7  | 74.5  |
| 75      | 38.7  | 32.7  | 49.1  |





#13

1,4-Dichlorobenzene

Concen: 46.242 ng

RT: 7.36 min Scan# 760

Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

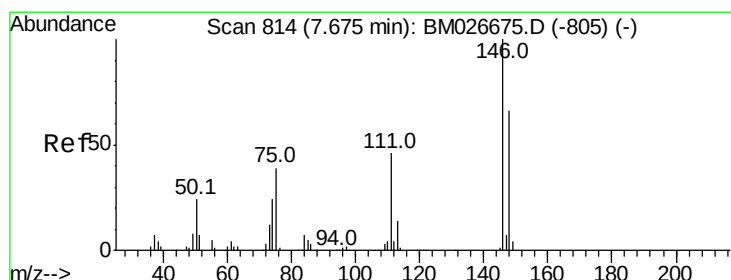
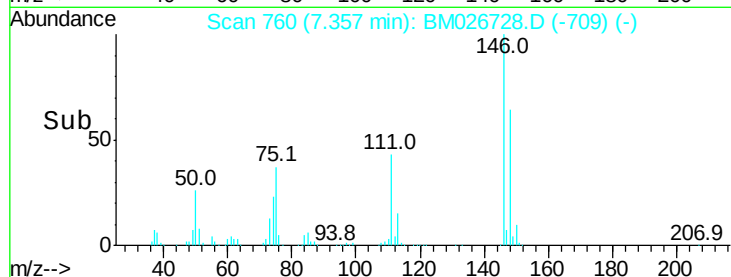
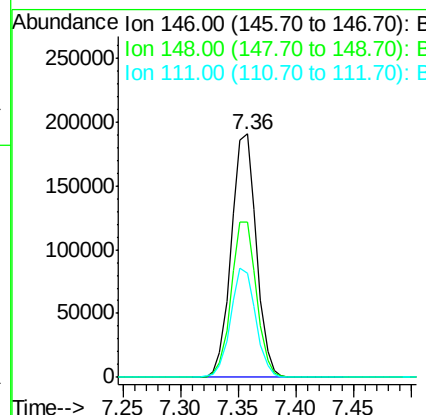
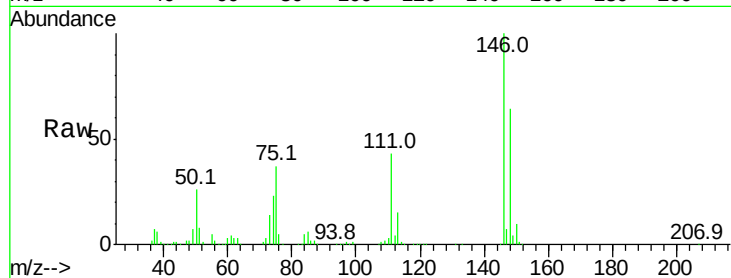
ClientSampleId :

MUDDY-DRUMMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 286391 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.9  | 52.4  | 78.6   |
| 111       | 42.8  | 35.6  | 53.4   |

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#14

1,2-Dichlorobenzene

Concen: 44.412 ng

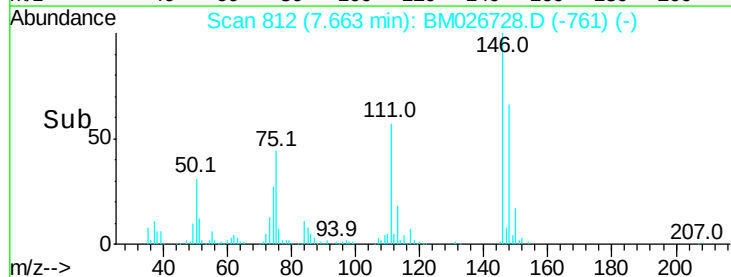
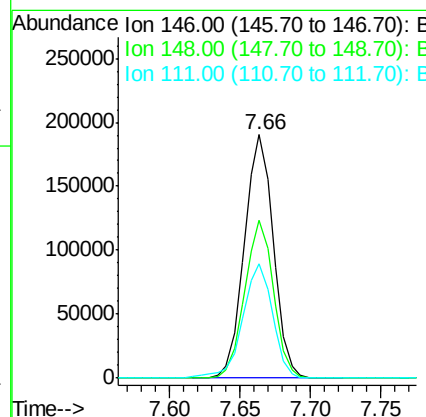
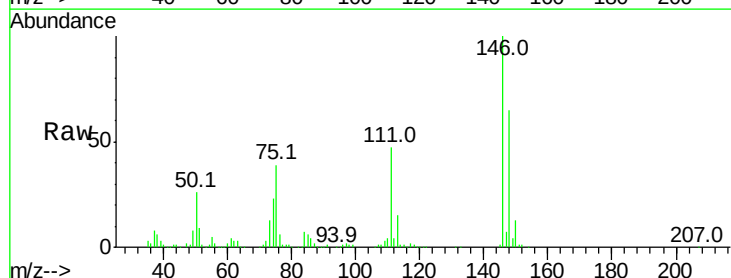
RT: 7.66 min Scan# 812

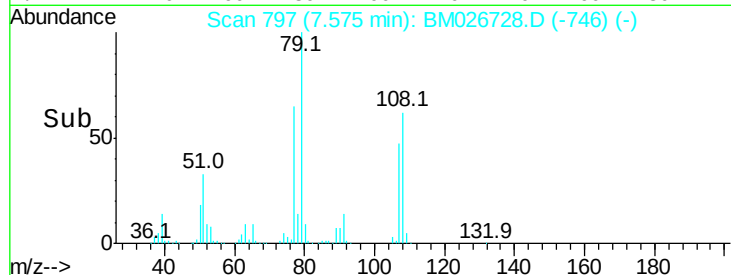
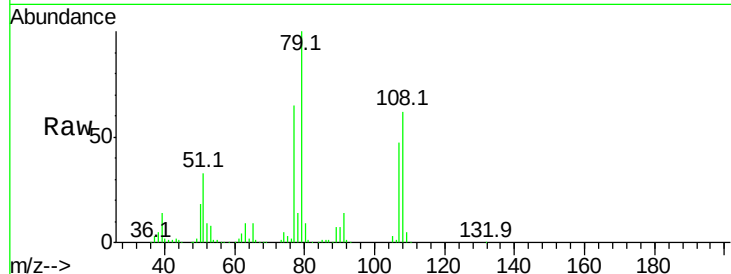
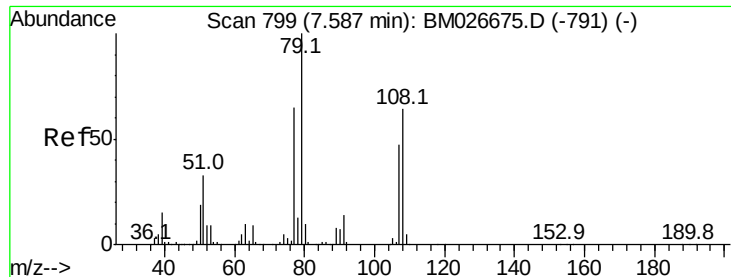
Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 274001 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.7  | 52.6  | 78.8   |
| 111       | 46.9  | 37.2  | 55.8   |





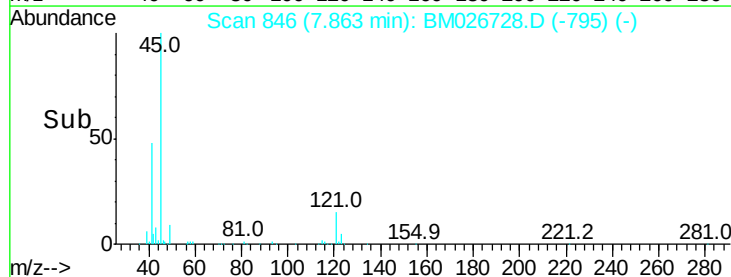
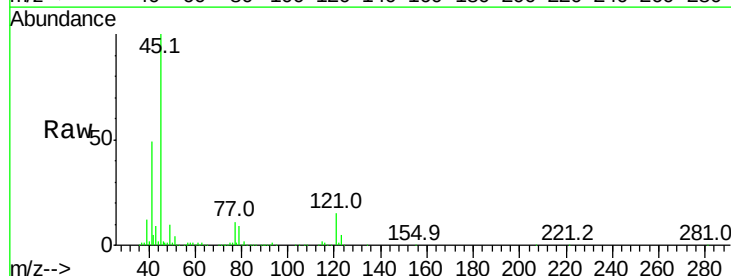
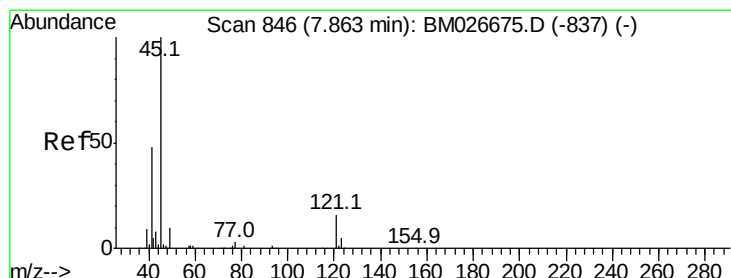
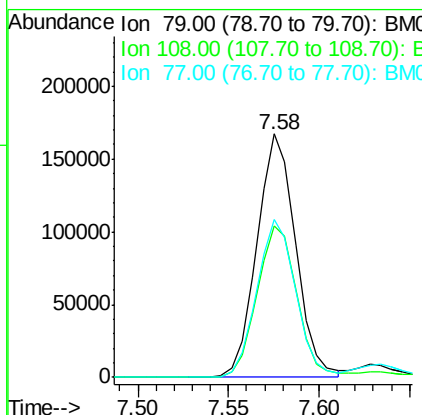
#15  
Benzyl Alcohol  
Concen: 38.754 ng  
RT: 7.58 min Scan# 797  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 62.0  | 51.0  | 76.4  |
| 77      | 64.8  | 52.1  | 78.1  |

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

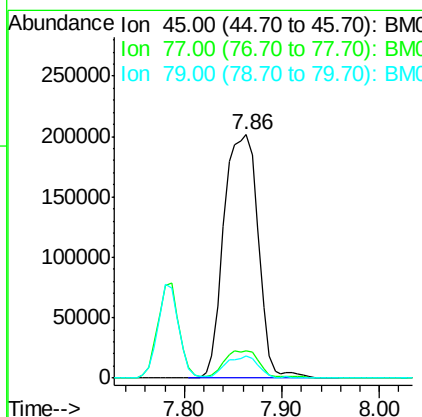
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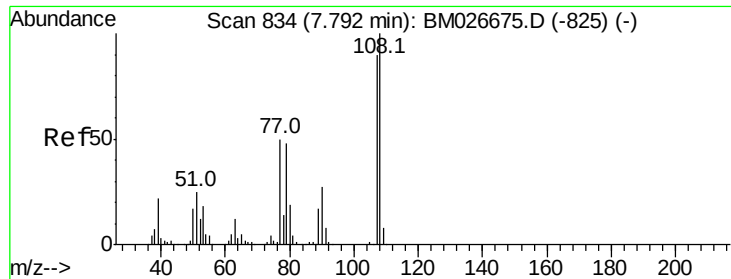
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.302 ng  
RT: 7.86 min Scan# 846  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 11.2  | 0.0   | 31.4  |
| 79      | 8.9   | 0.0   | 28.4  |





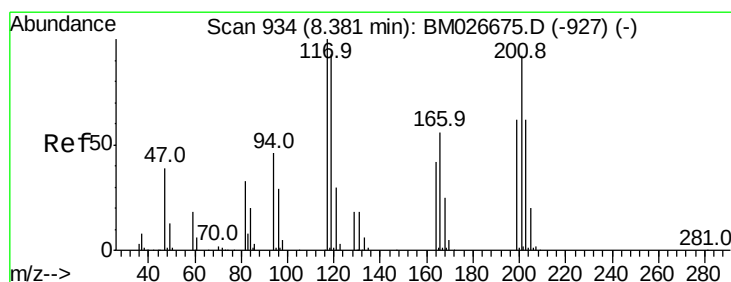
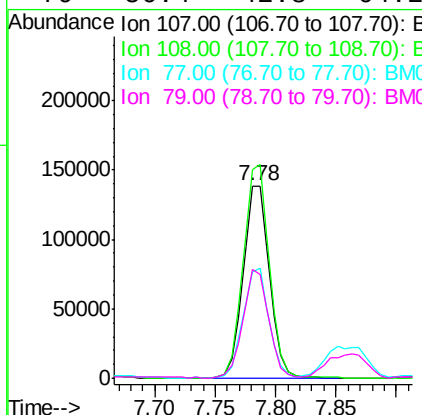
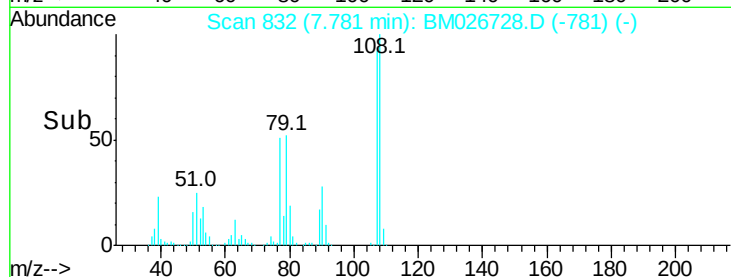
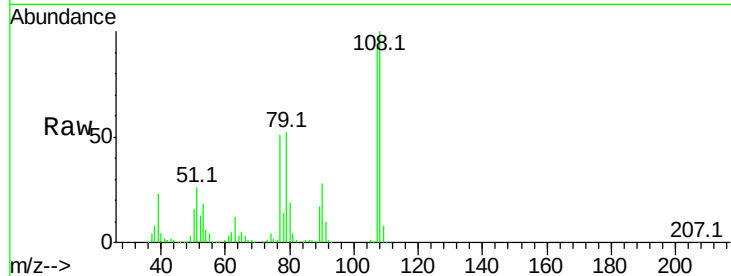
#17  
2-Methylphenol  
Concen: 37.674 ng  
RT: 7.78 min Scan# 832  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 211860 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 108.7 | 89.4  | 134.0  |
| 77        | 55.2  | 45.2  | 67.8   |
| 79        | 56.4  | 42.8  | 64.2   |

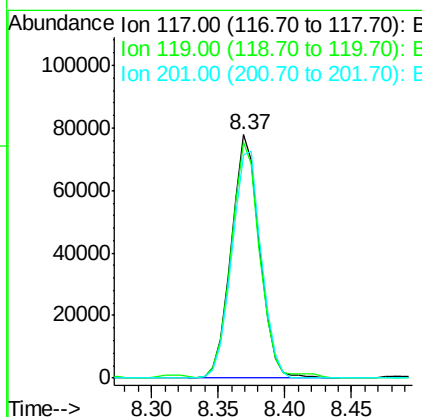
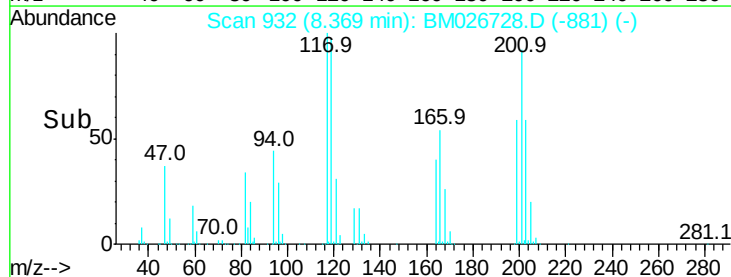
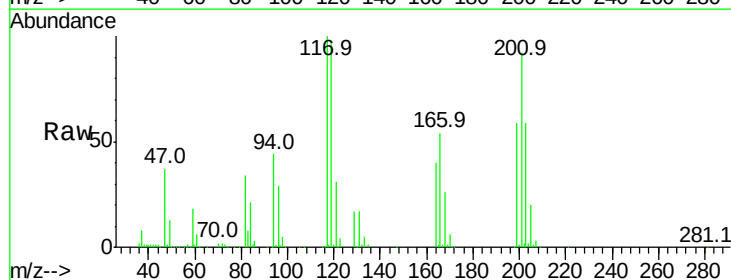
Manual Integrations  
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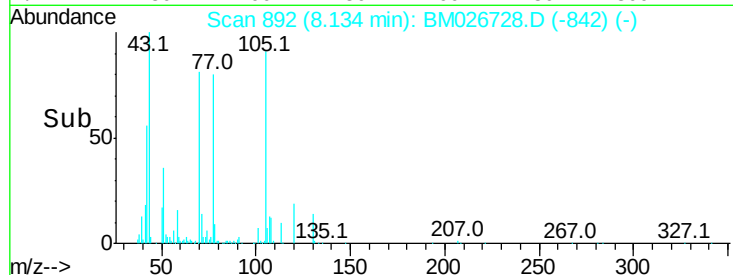
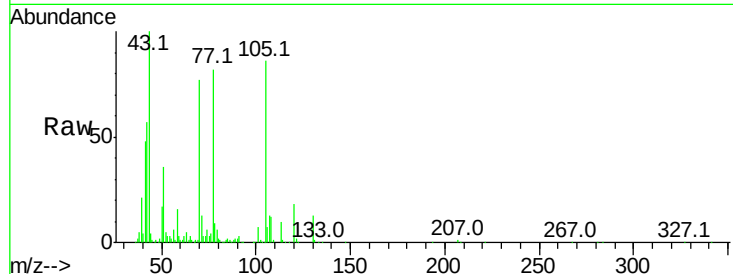
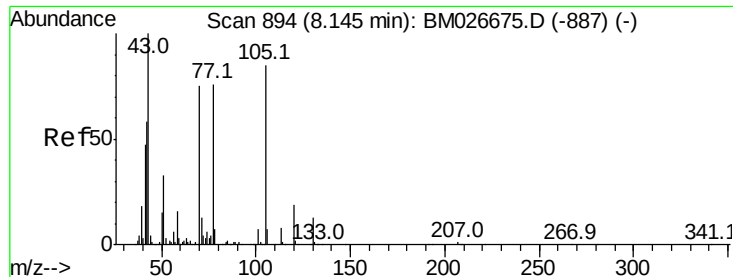
mohammad  
7/13/2020 1:02:40 PM



#18  
Hexachloroethane  
Concen: 46.964 ng  
RT: 8.37 min Scan# 932  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 115519 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 97.0  | 74.2  | 111.2  |
| 201       | 91.8  | 73.6  | 110.4  |





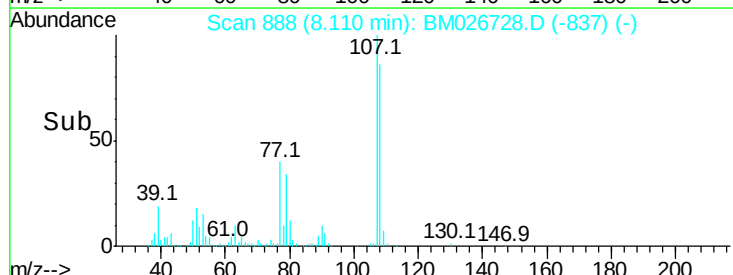
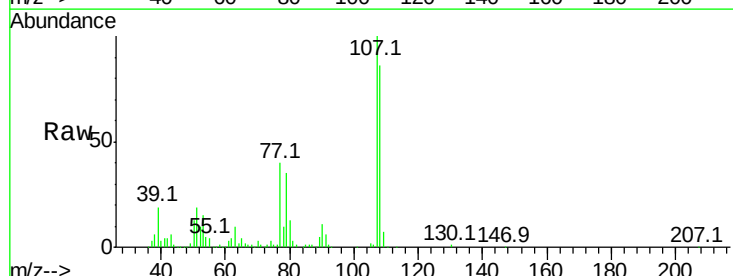
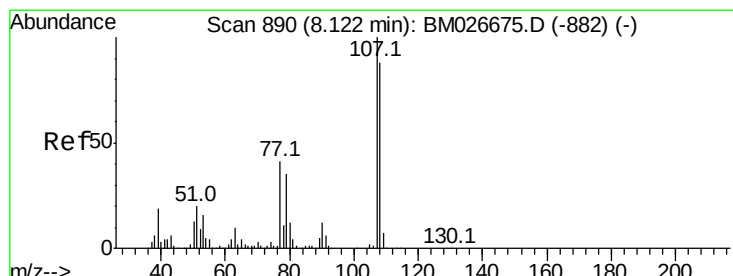
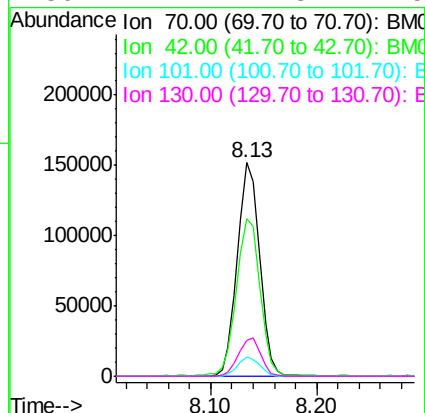
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.592 ng  
RT: 8.13 min Scan# 892  
Delta R.T. -0.01 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 74.0 | 62.3  | 93.5  |       |
| 101     | 9.0  | 7.1   | 10.7  |       |
| 130     | 17.1 | 14.3  | 21.5  |       |

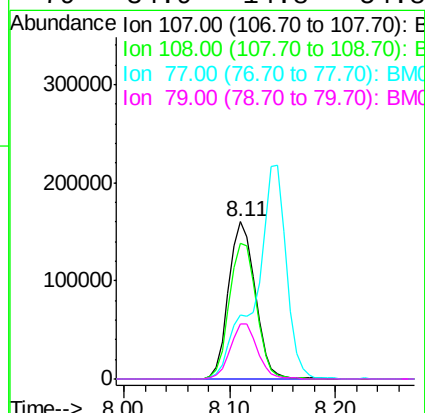
Manual Integrations  
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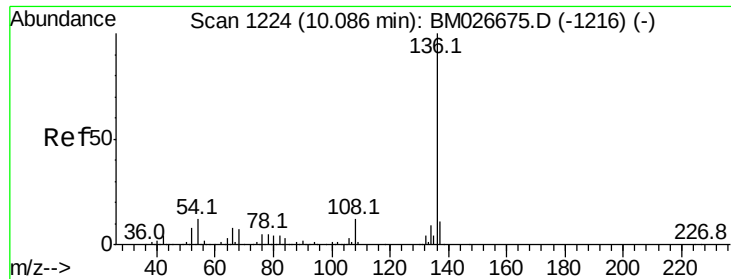
mohammad  
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#20  
3+4-Methylphenols  
Concen: 36.221 ng  
RT: 8.11 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 86.4 | 68.5  | 108.5 |       |
| 77      | 40.4 | 20.8  | 60.8  |       |
| 79      | 34.9 | 14.8  | 54.8  |       |





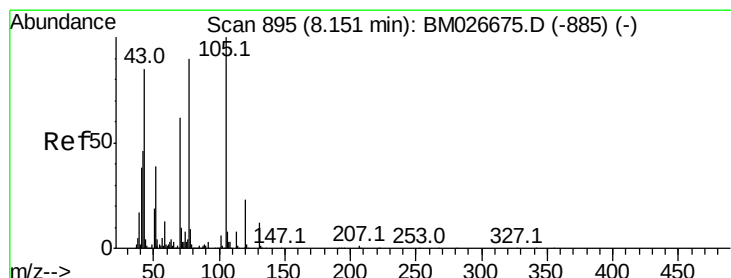
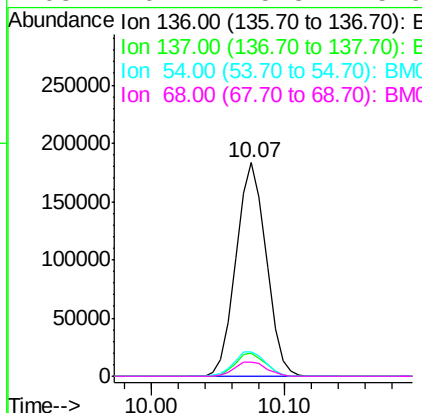
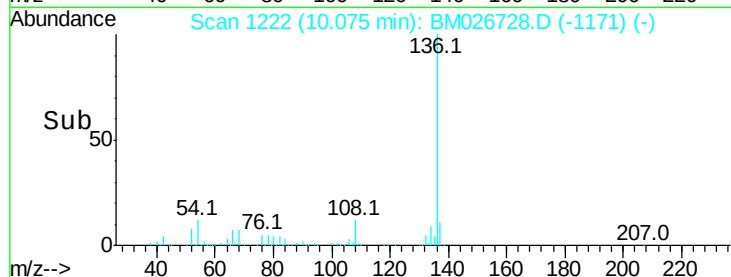
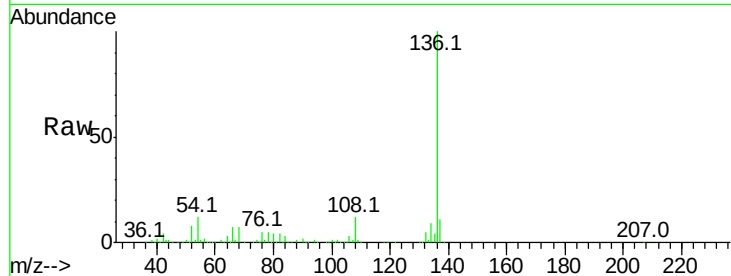
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.07 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 286967 |       |       |
| 137     | 10.9  |        | 8.6   | 12.8  |
| 54      | 11.6  |        | 9.8   | 14.6  |
| 68      | 6.7   |        | 5.8   | 8.6   |

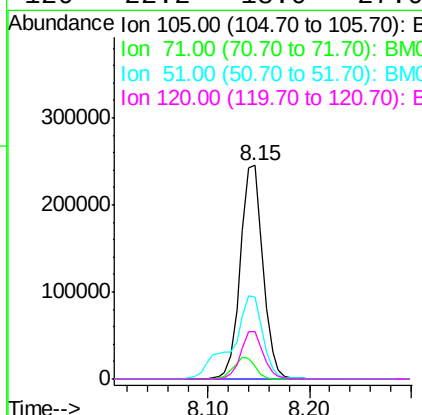
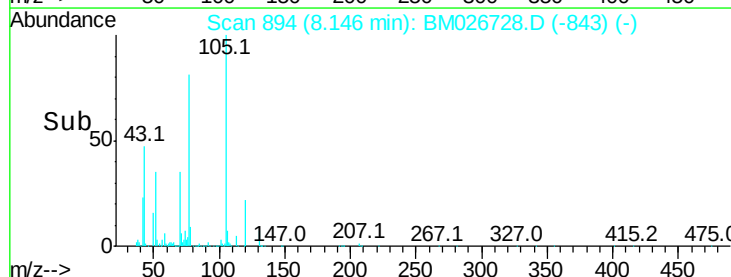
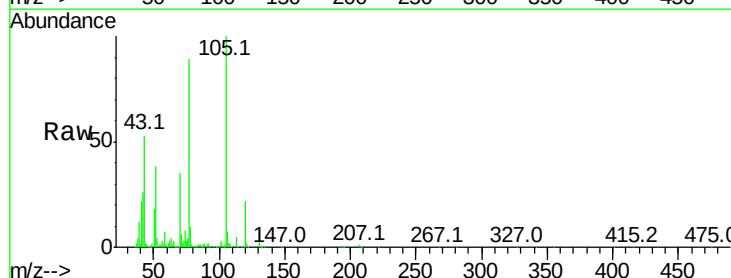
Manual Integrations  
APPROVED

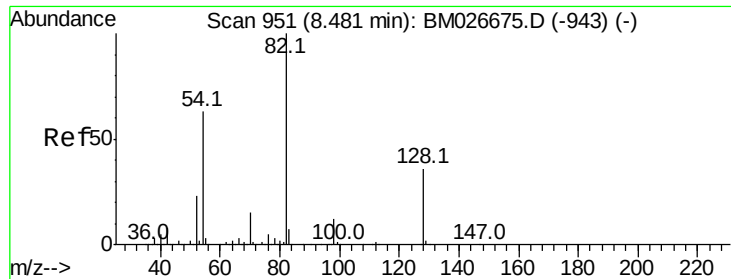
mohammad  
7/13/2020 1:02:40 PM



#22  
Acetophenone  
Concen: 46.756 ng  
RT: 8.15 min Scan# 894  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 381287 |       |       |
| 71      | 6.0   |        | 8.1   | 12.1# |
| 51      | 38.3  |        | 31.9  | 47.9  |
| 120     | 22.2  |        | 18.0  | 27.0  |





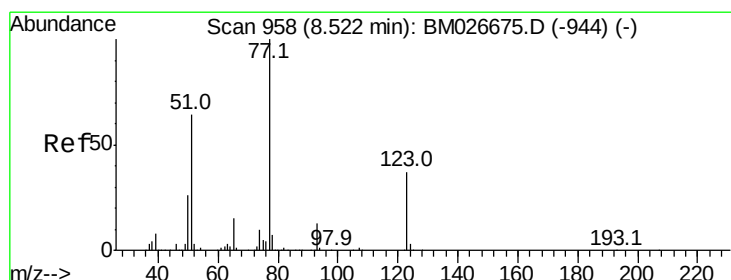
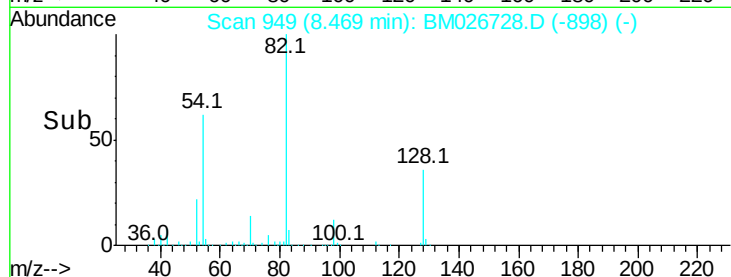
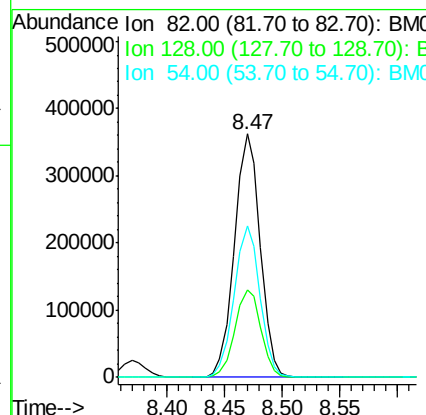
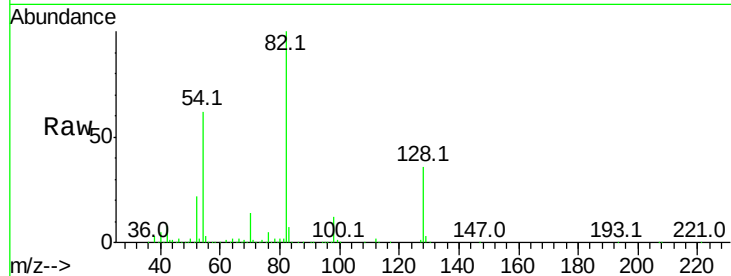
#23  
 Nitrobenzene-d5  
 Concen: 83.219 ng  
 RT: 8.47 min Scan# 949  
 Delta R.T. 0.00 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 35.9  | 29.1  | 43.7  |
| 54      | 62.4  | 50.2  | 75.4  |

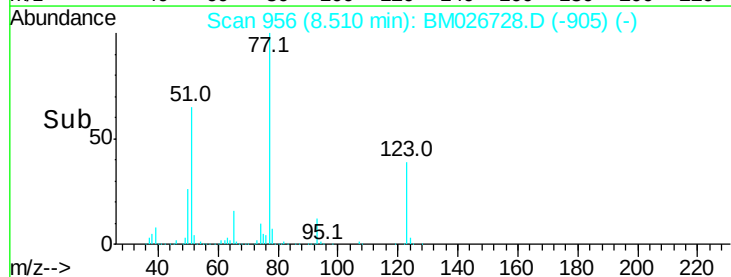
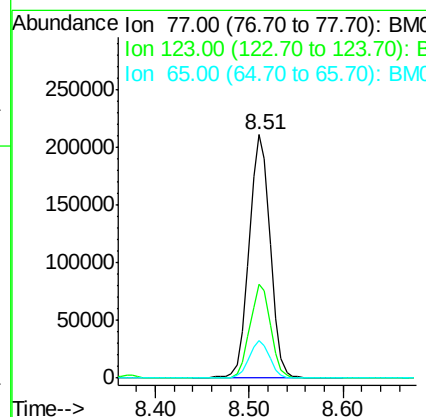
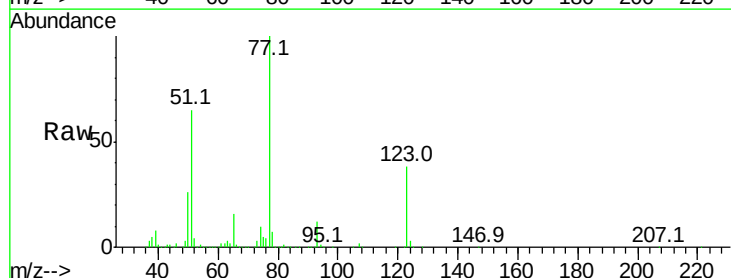
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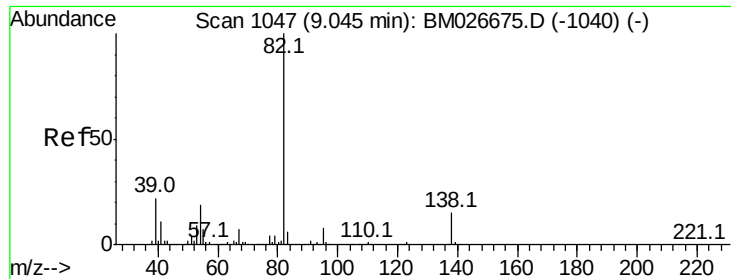


#24  
 Nitrobenzene  
 Concen: 45.949 ng  
 RT: 8.51 min Scan# 956  
 Delta R.T. 0.00 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 38.5  | 29.8  | 44.6  |
| 65      | 15.5  | 12.2  | 18.4  |







#25

Isophorone

Concen: 41.865 ng

RT: 9.03 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

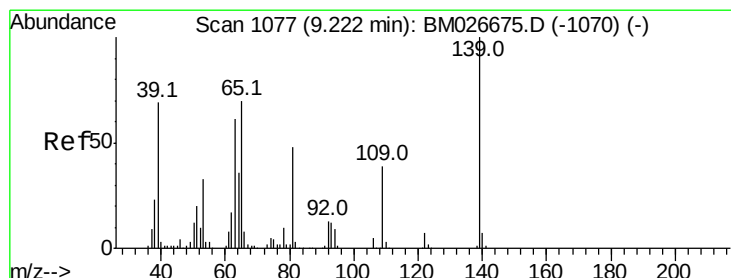
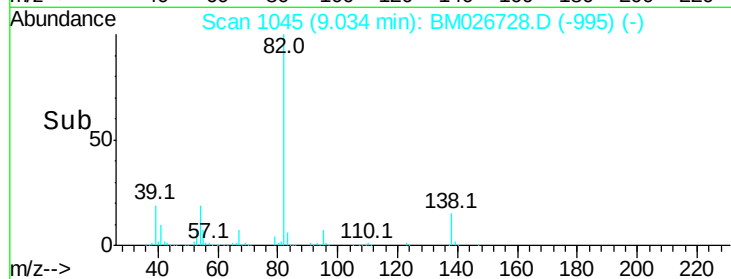
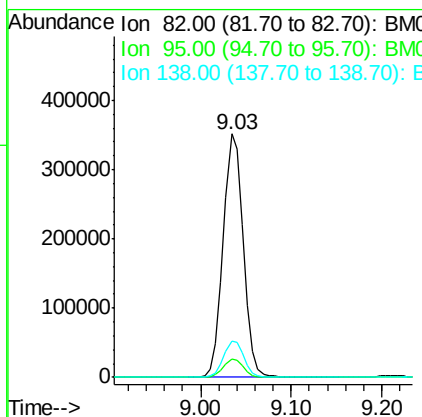
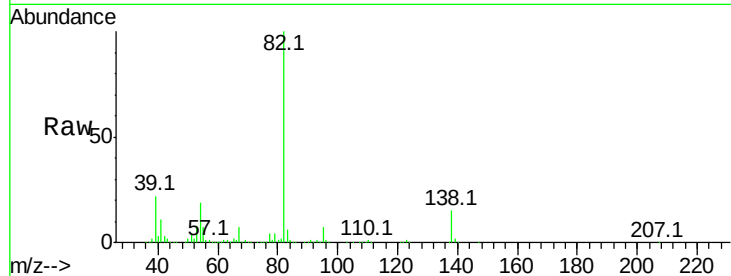
ClientSampleId :

MUDDY-DRUMMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 539990 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.3   | 6.3   | 9.5    |
| 138       | 14.9  | 12.0  | 18.0   |

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#26

2-Nitrophenol

Concen: 49.660 ng

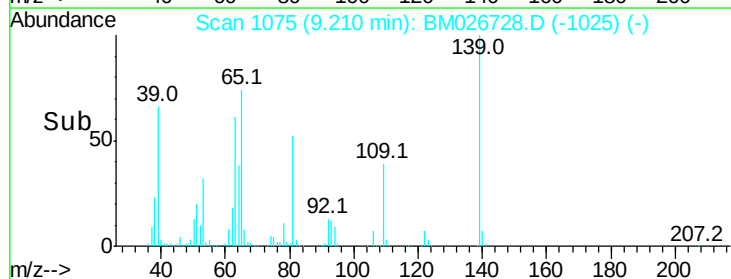
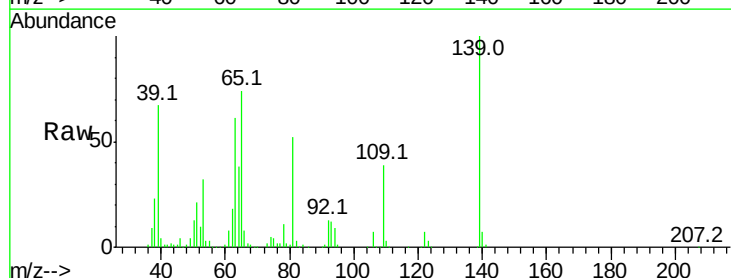
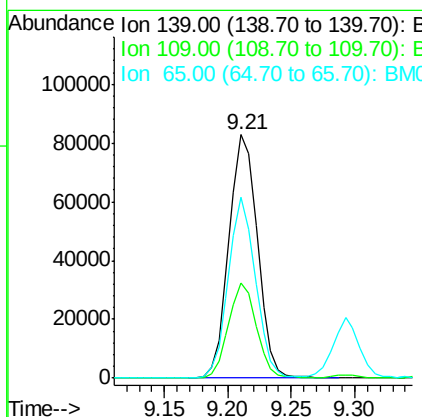
RT: 9.21 min Scan# 1075

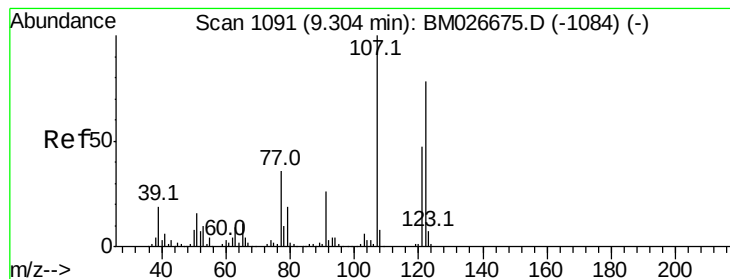
Delta R.T. -0.01 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 129696 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 39.0  | 30.8  | 46.2   |
| 65        | 74.5  | 56.2  | 84.4   |





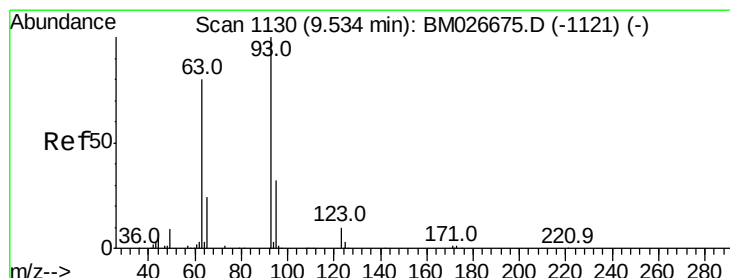
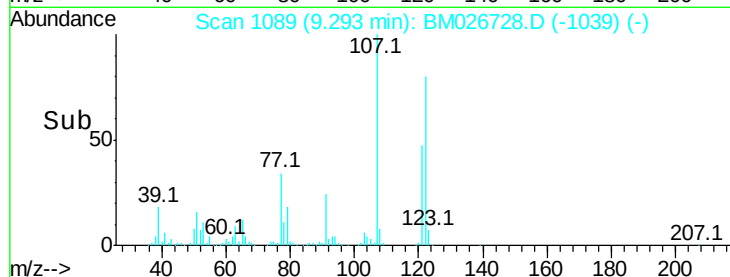
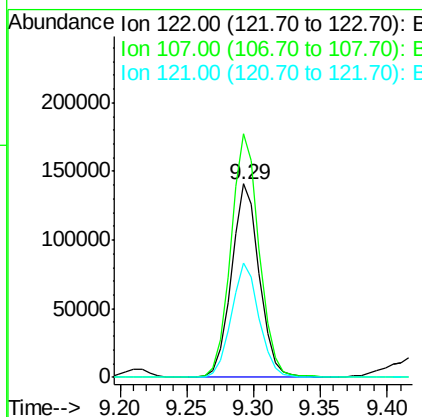
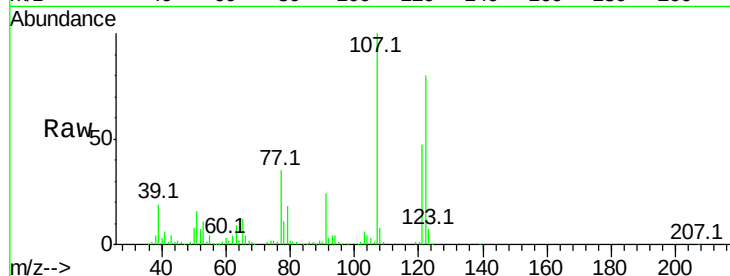
#27  
 2,4-Dimethylphenol  
 Concen: 48.259 ng  
 RT: 9.29 min Scan# 1089  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 204952 |       |       |
| 107     | 125.8 |        | 102.1 | 153.1 |
| 121     | 59.3  |        | 48.2  | 72.2  |

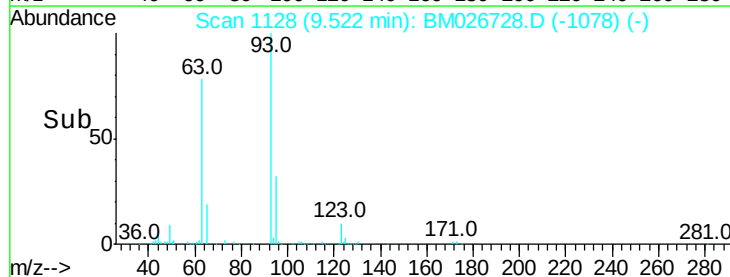
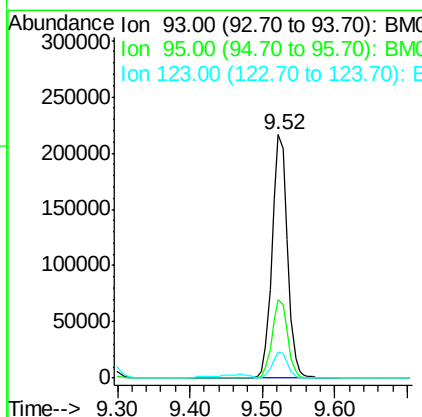
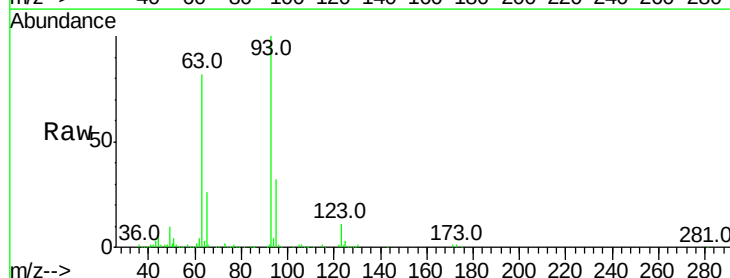
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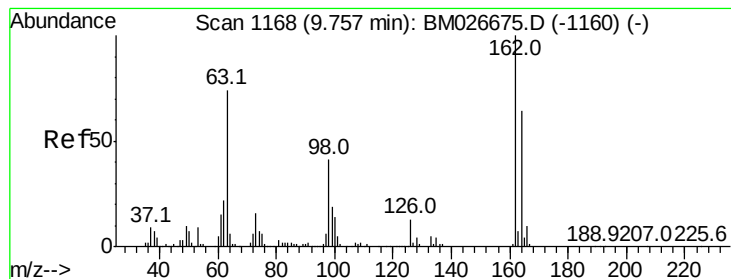
mohammad  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 44.798 ng  
 RT: 9.52 min Scan# 1128  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 319215 |       |       |
| 95      | 32.2  |        | 25.7  | 38.5  |
| 123     | 10.6  |        | 8.7   | 13.1  |





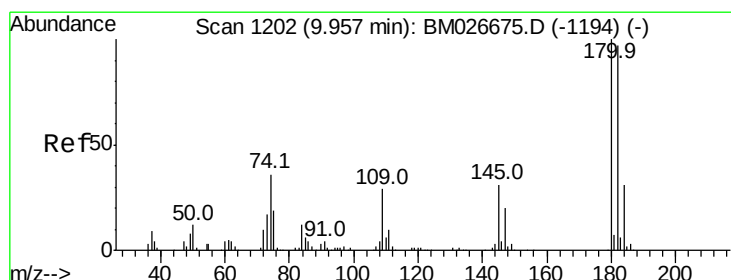
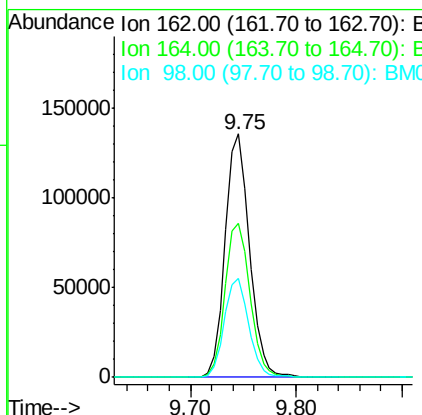
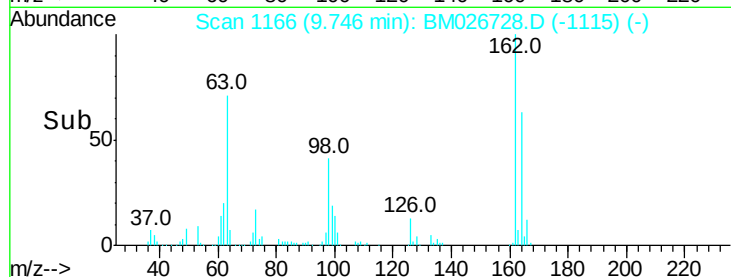
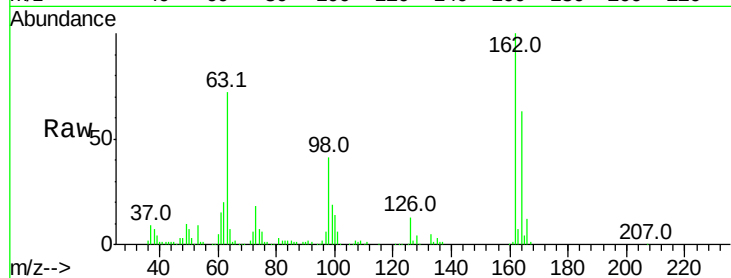
#29  
 2,4-Dichlorophenol  
 Concen: 46.454 ng  
 RT: 9.75 min Scan# 1166  
 Delta R.T. 0.00 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 63.1  | 44.3       | 84.3  |
| 98      | 40.6  | 21.0       | 61.0  |

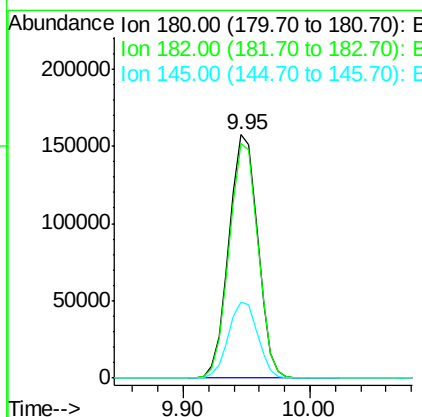
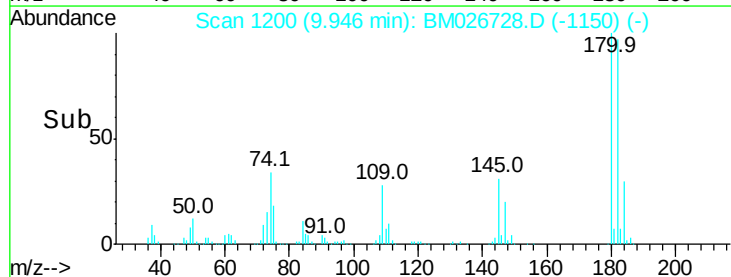
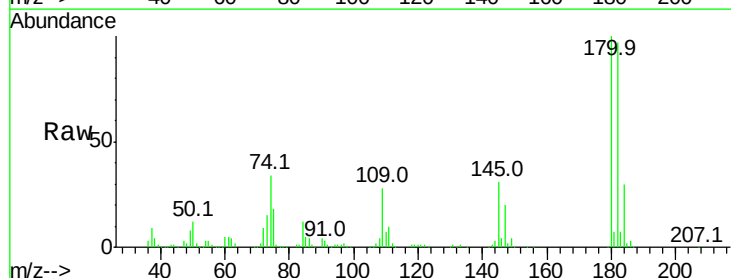
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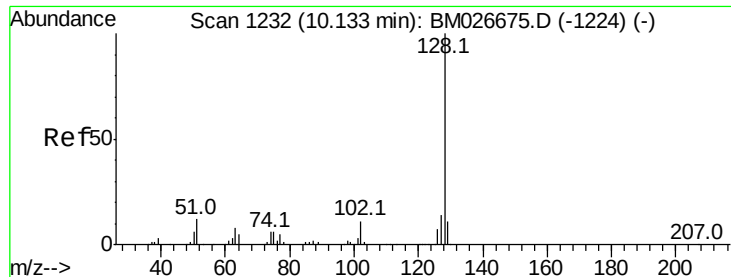
mohammad  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 47.445 ng  
 RT: 9.95 min Scan# 1200  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 96.5  | 77.8       | 116.6 |
| 145     | 31.3  | 25.0       | 37.6  |





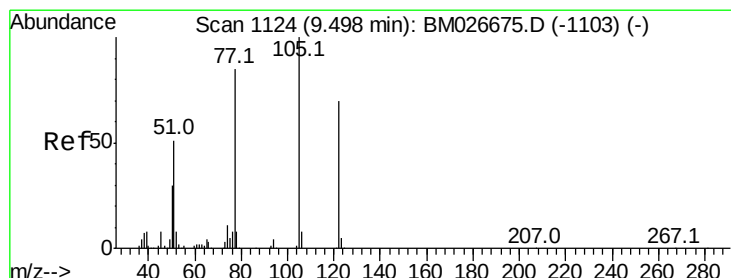
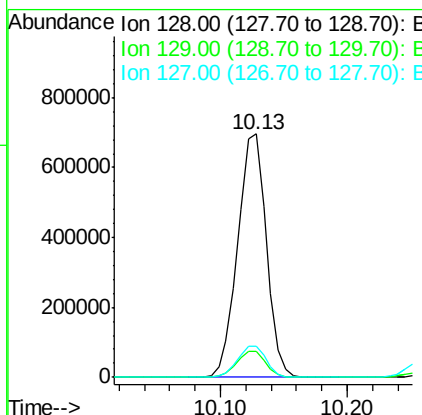
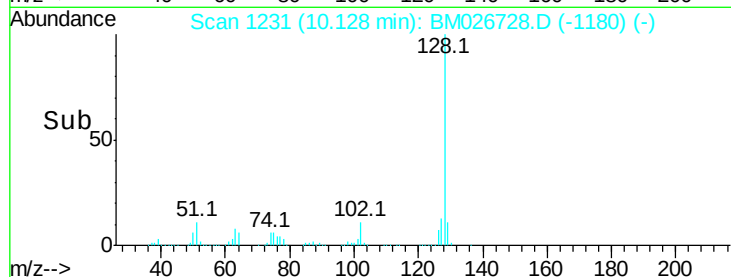
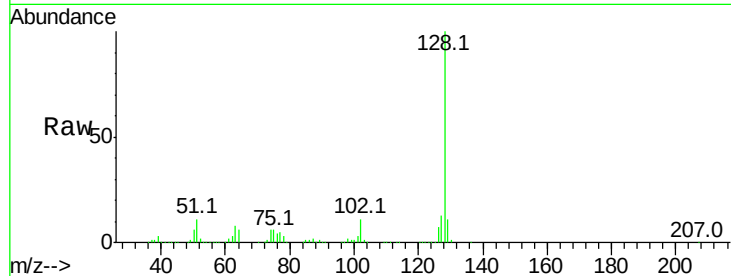
#31  
Naphthalene  
Concen: 68.321 ng  
RT: 10.13 min Scan# 1231  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

Tot Ion:128 Resp: 1090452  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.0 10.8 16.2

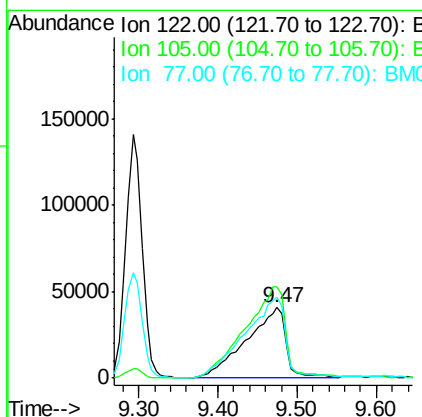
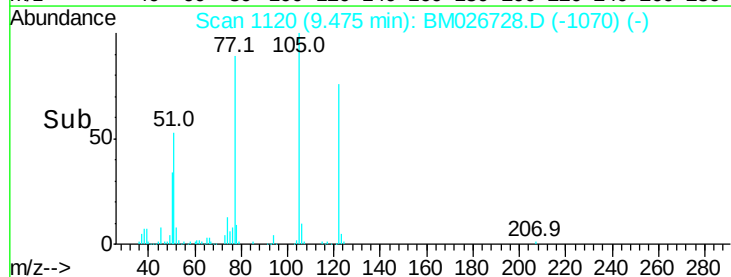
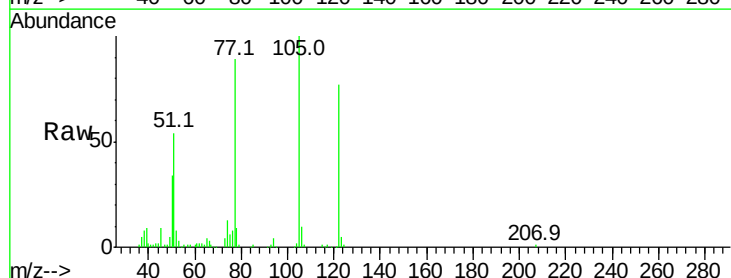
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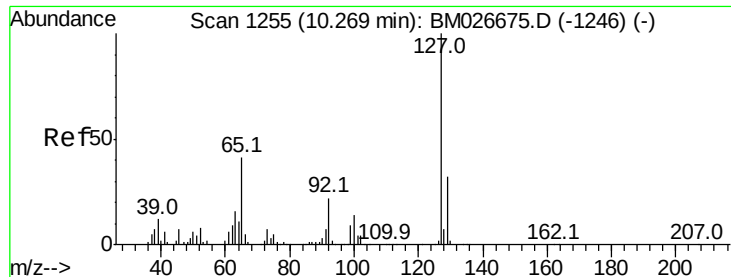
mohammad  
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#32  
Benzoic acid  
Concen: 39.447 ng  
RT: 9.47 min Scan# 1120  
Delta R.T. -0.01 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Tgt Ion:122 Resp: 139951  
Ion Ratio Lower Upper  
122 100  
105 130.4 120.9 160.9  
77 116.0 100.0 140.0





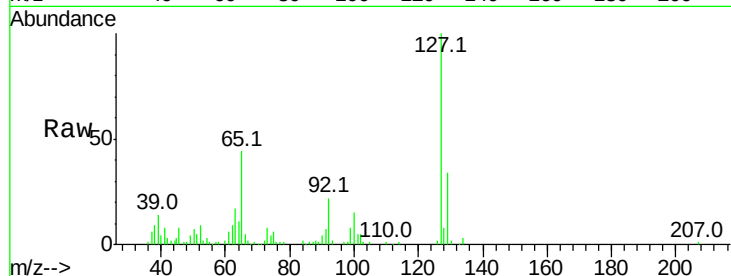
#33  
4-Chloroaniline  
Concen: 11.774 ng  
RT: 10.26 min Scan# 1253  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

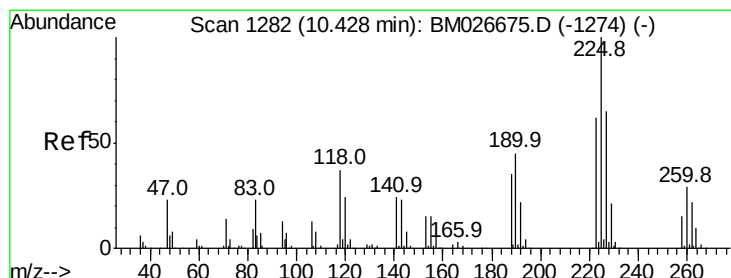
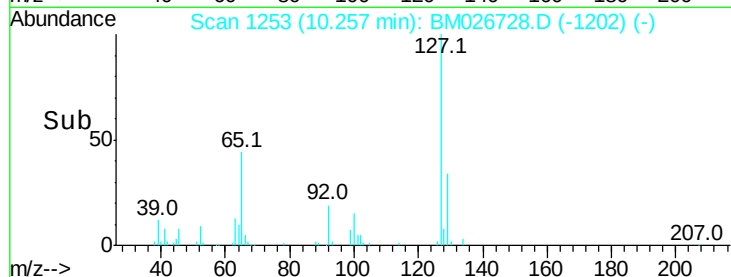
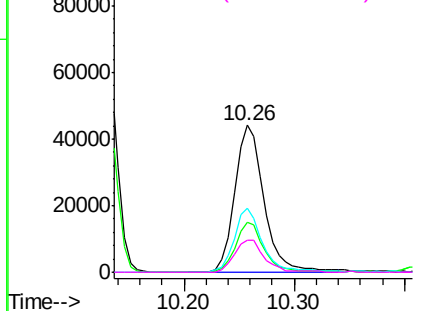
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 34.0  | 25.8  | 38.6  |
| 65      | 44.1  | 32.5  | 48.7  |
| 92      | 22.1  | 17.8  | 26.8  |

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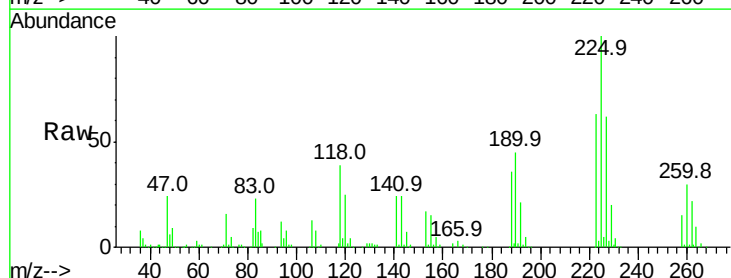


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

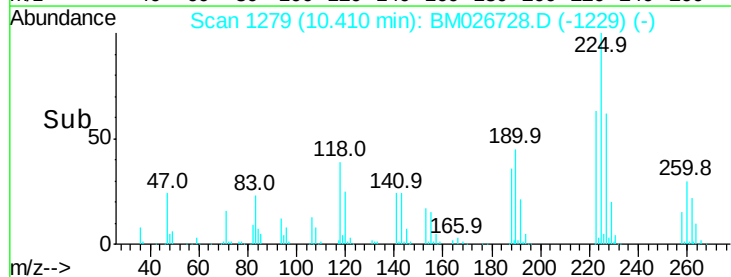
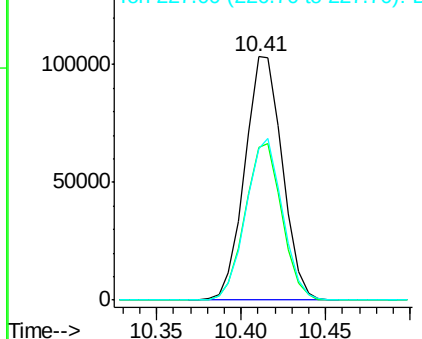


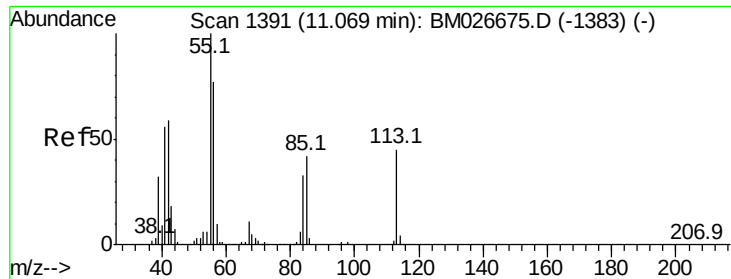
#34  
Hexachlorobutadiene  
Concen: 46.153 ng  
RT: 10.41 min Scan# 1279  
Delta R.T. -0.01 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.0  | 49.8  | 74.8  |
| 227     | 62.4  | 52.3  | 78.5  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





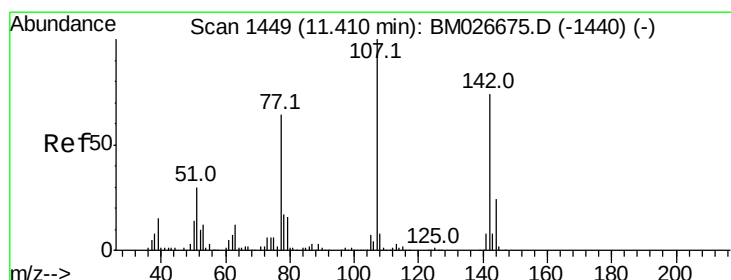
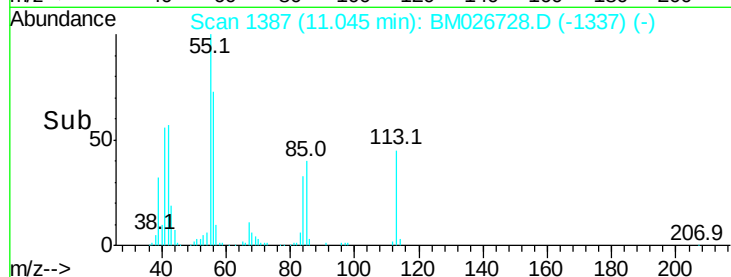
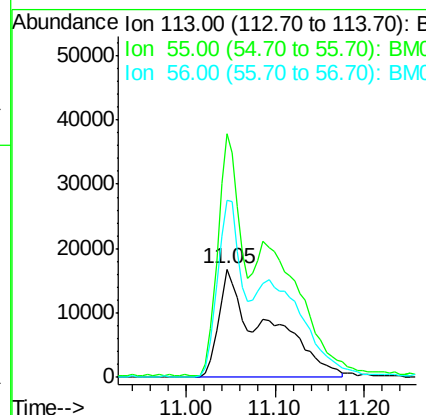
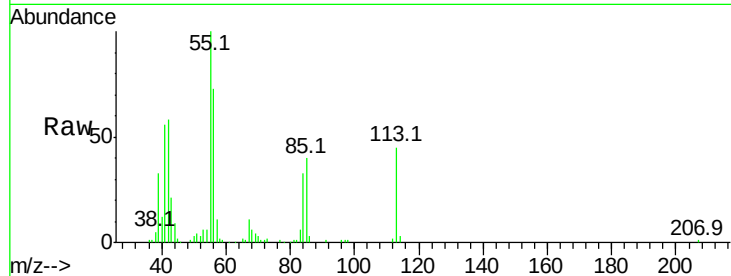
#35  
 Caprolactam  
 Concen: 37.822 ng/ml  
 RT: 11.05 min Scan# 1387  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 224.5 | 203.5 | 243.5 |
| 56      | 163.1 | 151.6 | 191.6 |

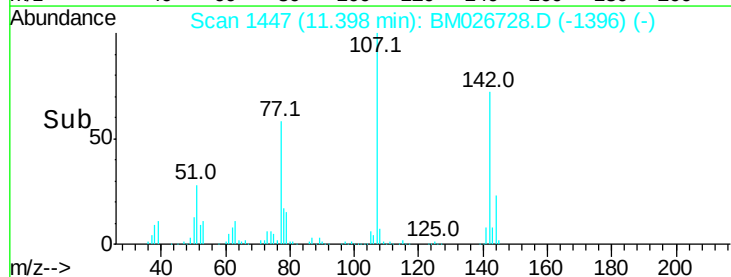
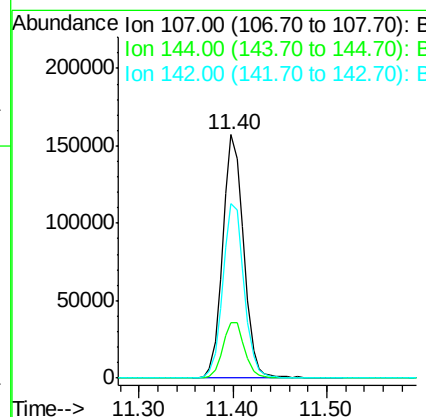
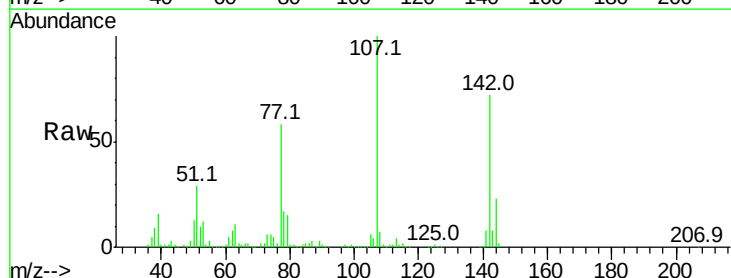
Manual Integrations  
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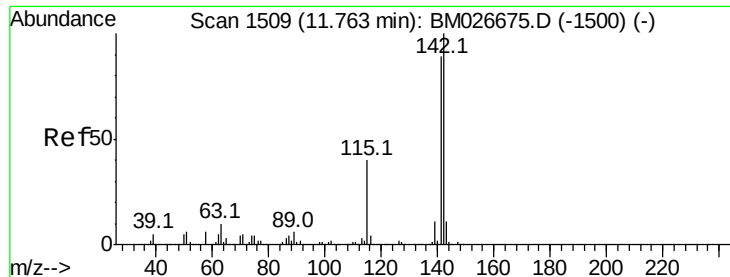
mohammad  
 7/13/2020 1:02:40 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.567 ng  
 RT: 11.40 min Scan# 1447  
 Delta R.T. 0.00 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 22.8  | 18.9  | 28.3  |
| 142     | 71.7  | 59.0  | 88.4  |





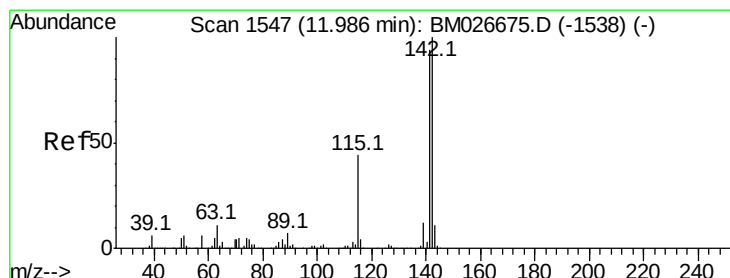
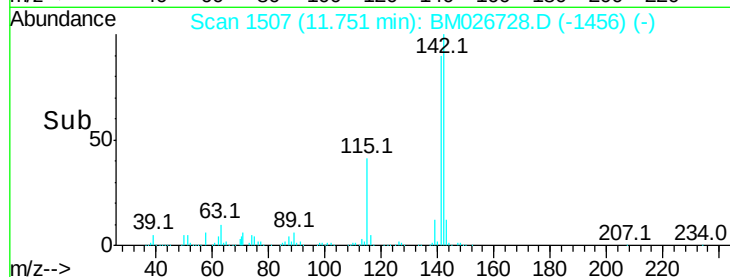
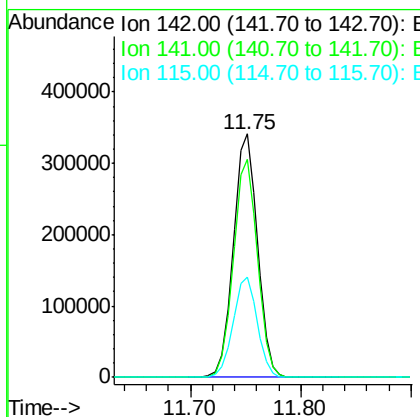
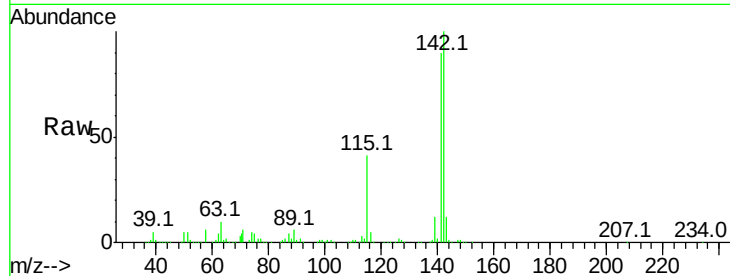
#37  
2-Methylnaphthalene  
Concen: 44.339 ng  
RT: 11.75 min Scan# 1507  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.6  | 71.4  | 107.0 |
| 115     | 41.0  | 32.1  | 48.1  |

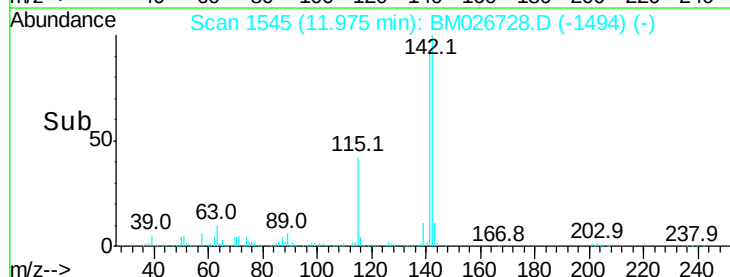
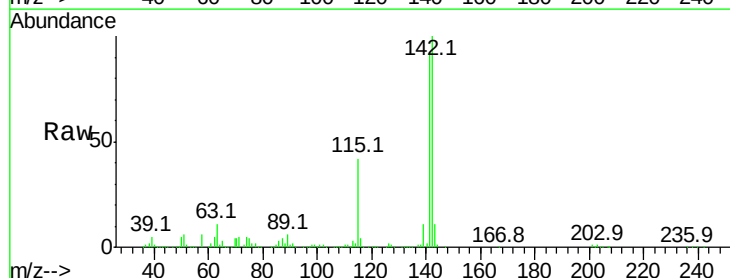
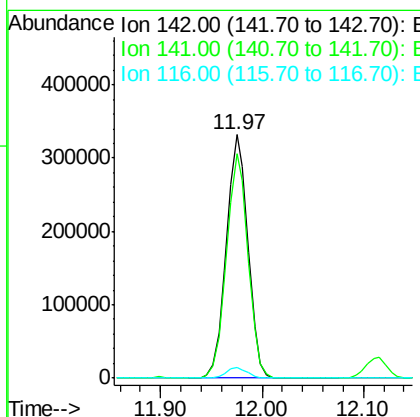
Manual Integrations  
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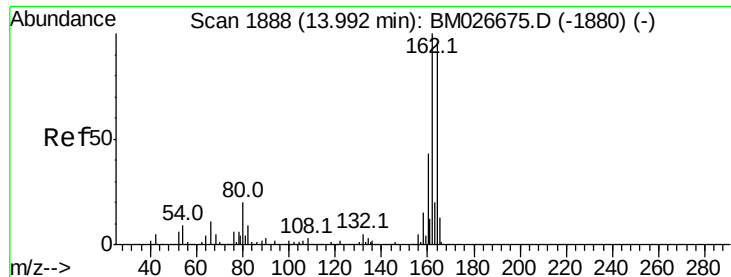
mohammad  
7/13/2020 1:02:40 PM



#38  
1-Methylnaphthalene  
Concen: 43.261 ng  
RT: 11.97 min Scan# 1545  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 75.0  | 112.6 |
| 116     | 4.4   | 3.5   | 5.3   |





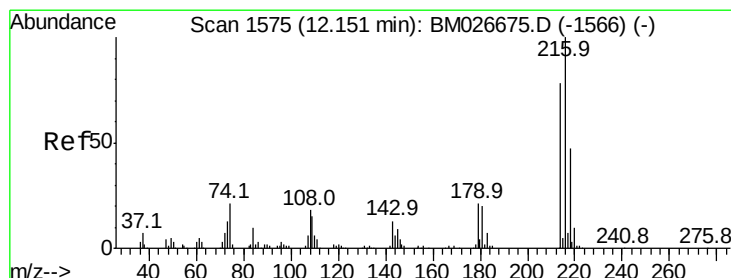
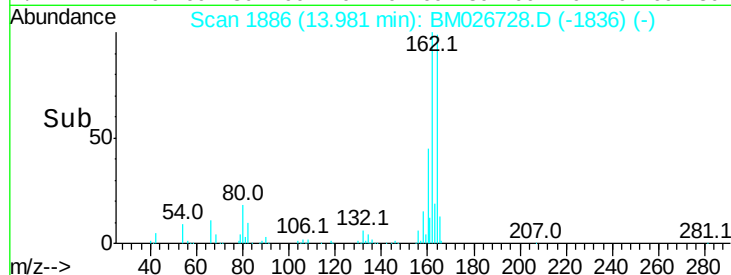
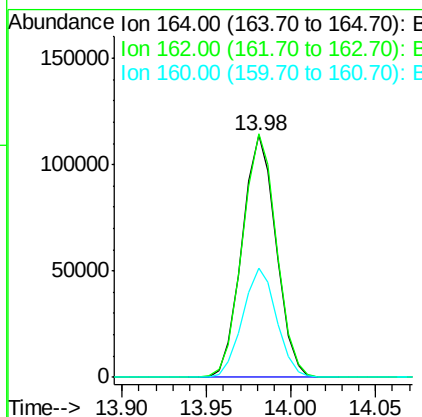
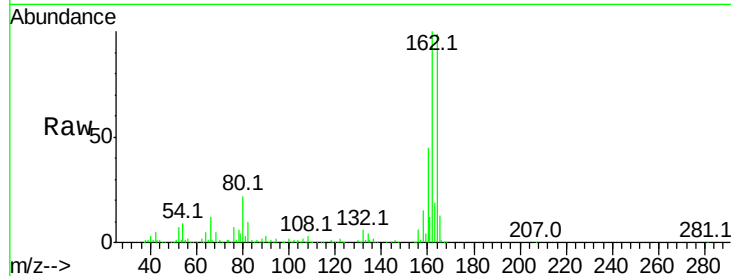
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 13.98 min Scan# 1886  
Delta R.T. -0.01 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.5 | 83.7  | 125.5 |
| 160     | 45.1  | 36.2  | 54.2  |

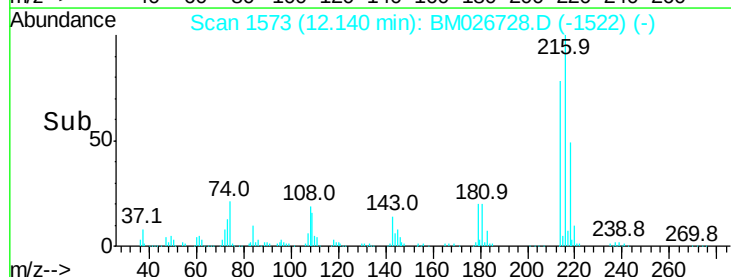
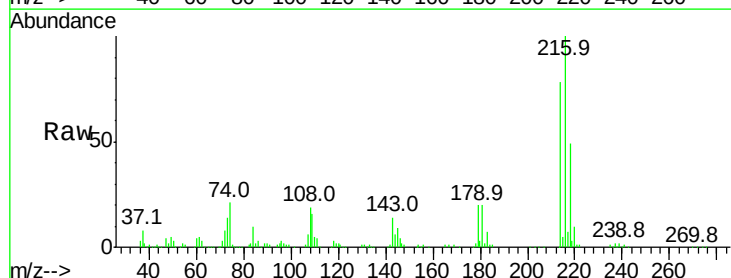
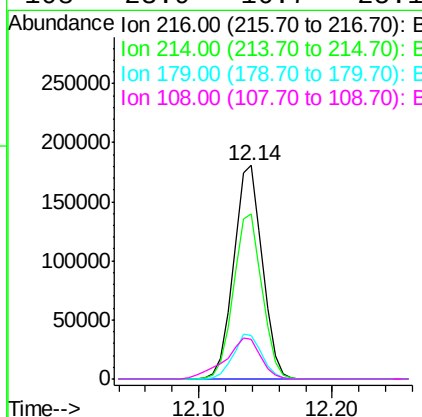
Manual Integrations  
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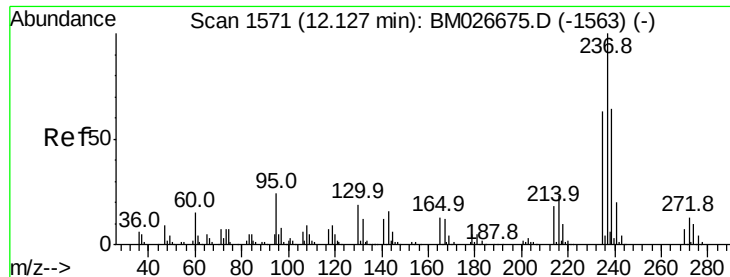


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 52.043 ng  
RT: 12.14 min Scan# 1573  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.4  | 62.6  | 93.8  |
| 179     | 21.2  | 17.5  | 26.3  |
| 108     | 23.9  | 16.7  | 25.1  |







#41

Hexachlorocyclopentadiene

Concen: 109.739 ng

RT: 12.12 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

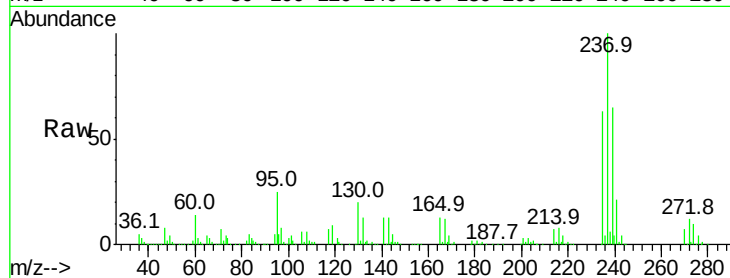
ClientSampleId :

MUDDY-DRUMMS

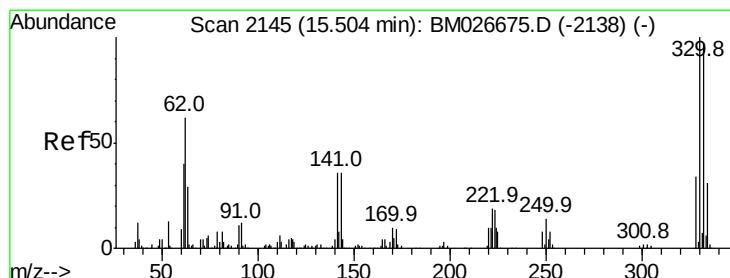
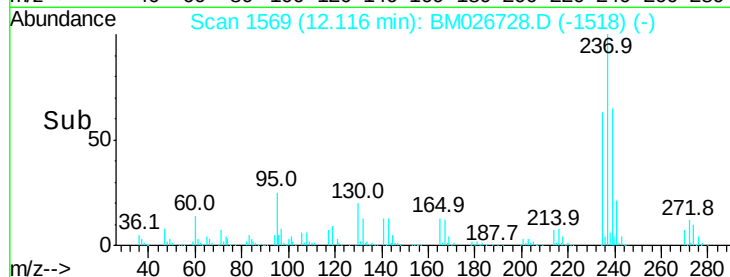
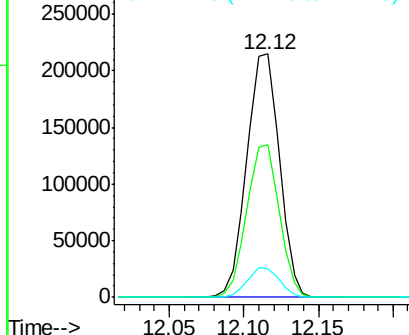
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 325292 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.7  | 42.8  | 82.8   |
| 272       | 11.7  | 0.0   | 32.8   |

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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: 114.815 ng

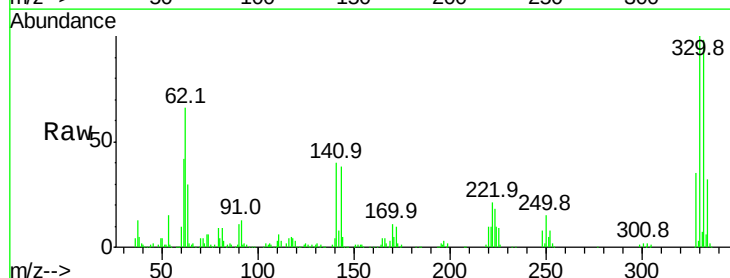
RT: 15.49 min Scan# 2143

Delta R.T. 0.00 min

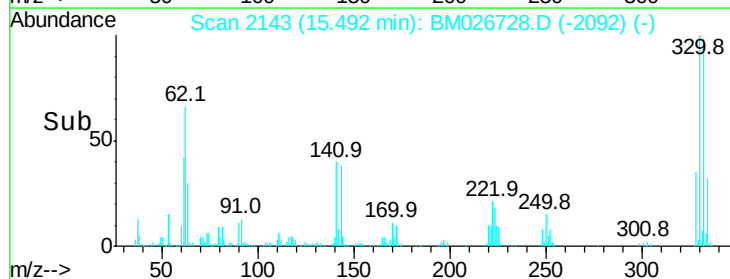
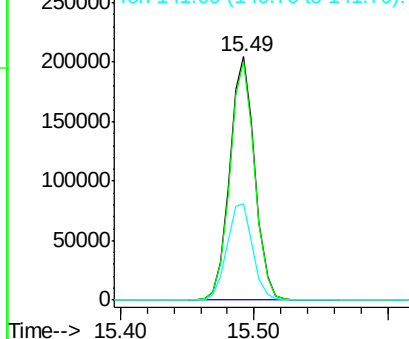
Lab File: BM026728.D

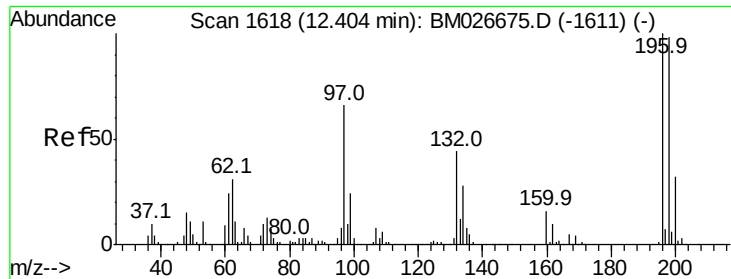
Acq: 10 Jul 2020 11:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 267101 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.3  | 77.5  | 116.3  |
| 141       | 41.0  | 32.4  | 48.6   |



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





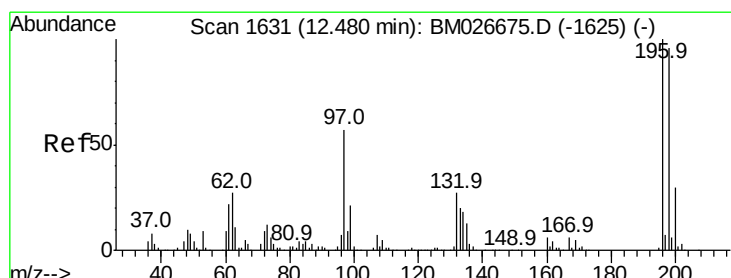
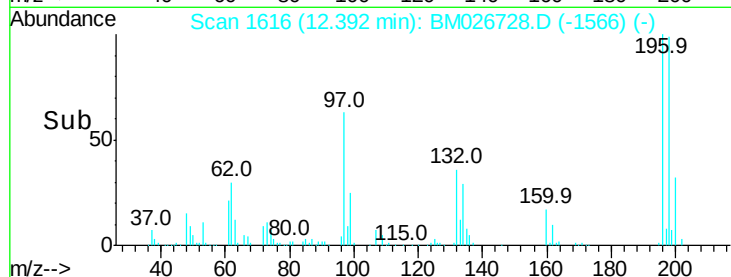
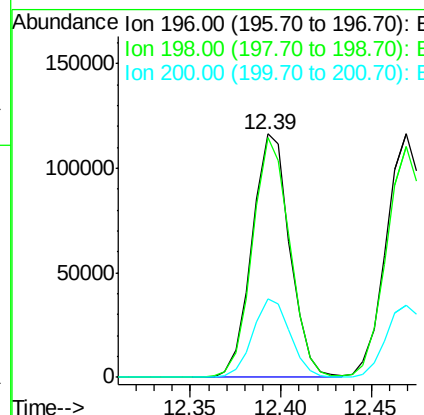
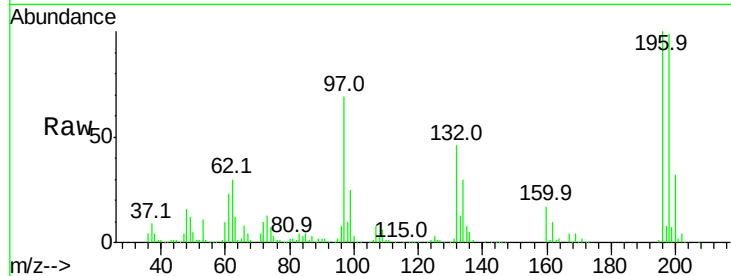
#43  
 2,4,6-Trichlorophenol  
 Concen: 50.023 ng  
 RT: 12.39 min Scan# 1616  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 169171 |       |       |
| 198     | 98.7  | 78.6   | 118.0 |       |
| 200     | 32.1  | 25.3   | 37.9  |       |

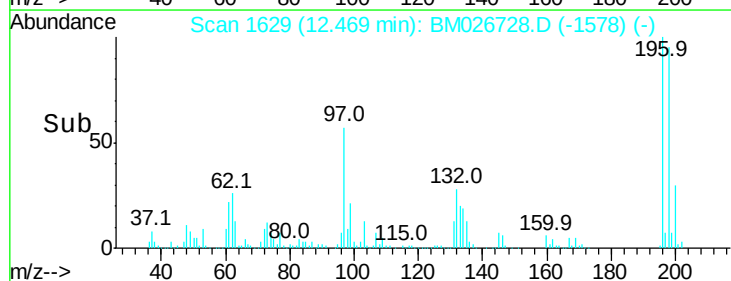
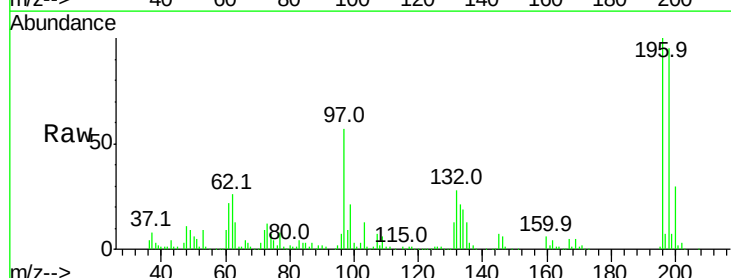
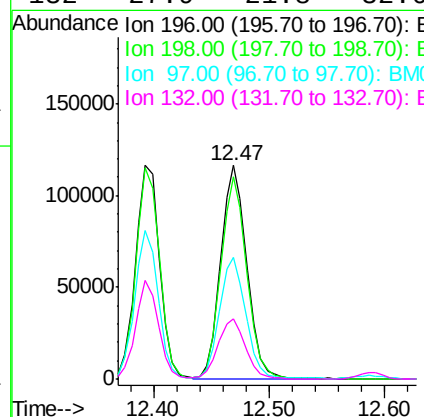
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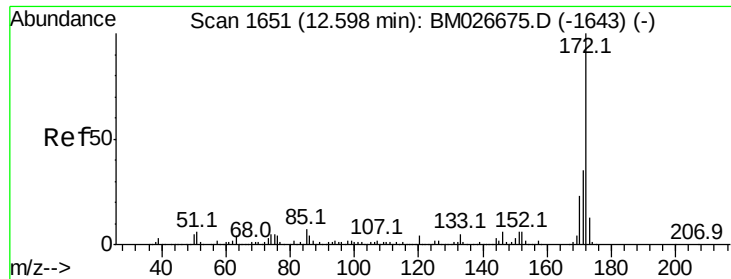
mohammad  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 45.757 ng  
 RT: 12.47 min Scan# 1629  
 Delta R.T. 0.00 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 181839 |       |       |
| 198     | 94.7  | 77.0   | 115.6 |       |
| 97      | 56.9  | 45.7   | 68.5  |       |
| 132     | 27.9  | 21.8   | 32.6  |       |





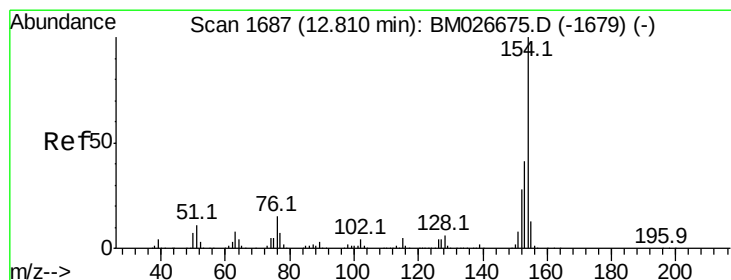
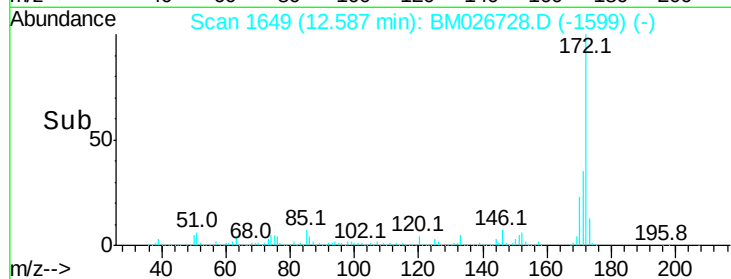
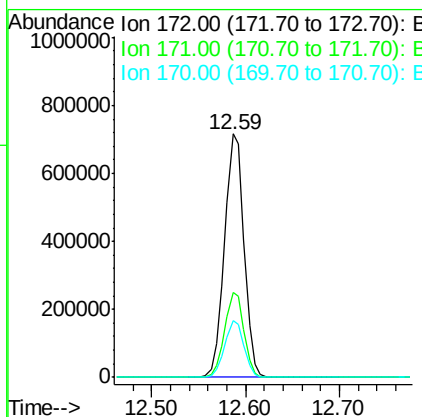
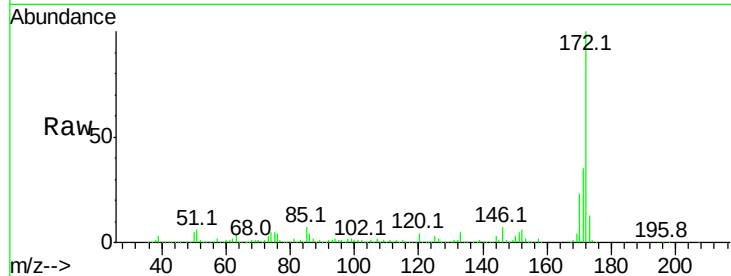
#45  
2-Fluorobiphenyl  
Concen: 85.755 ng  
RT: 12.59 min Scan# 1649  
Delta R.T. -0.01 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.1  | 27.8  | 41.6  |
| 170     | 23.1  | 18.5  | 27.7  |

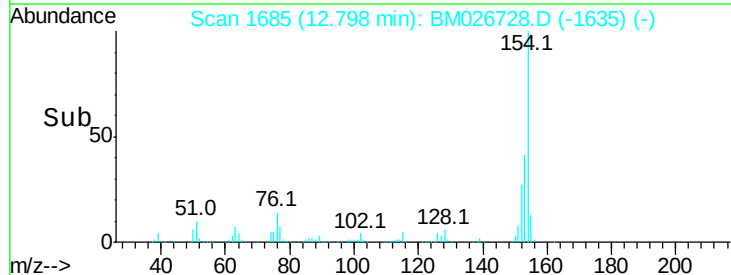
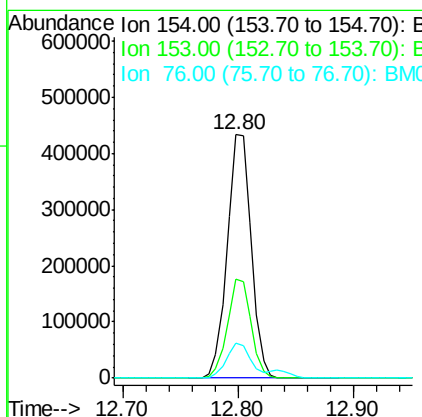
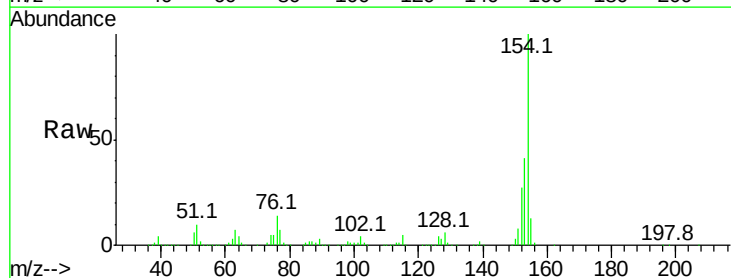
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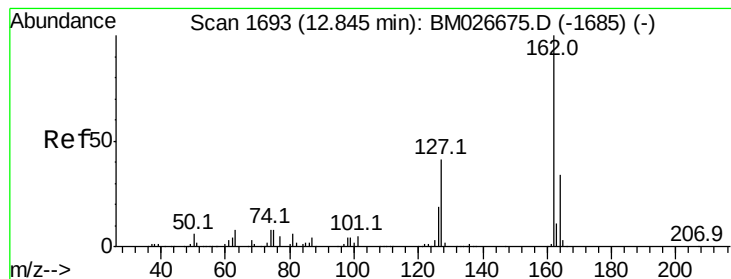
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 49.421 ng  
RT: 12.80 min Scan# 1685  
Delta R.T. -0.01 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.6  | 20.9  | 60.9  |
| 76      | 14.3  | 0.0   | 35.2  |





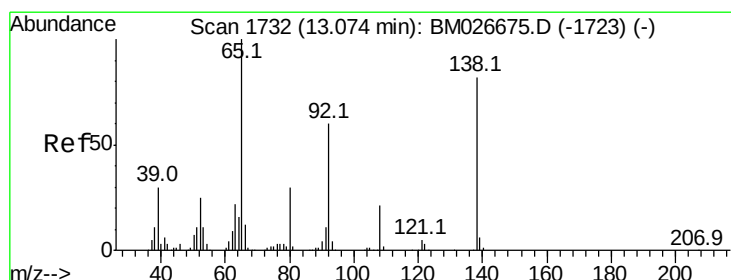
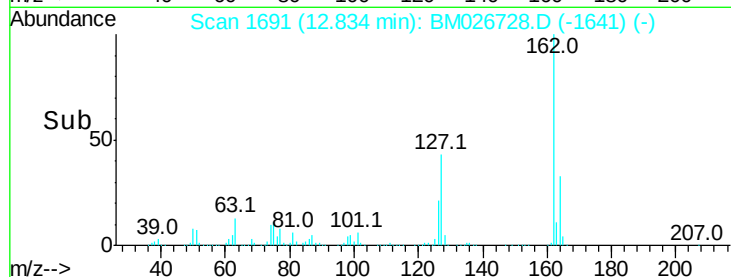
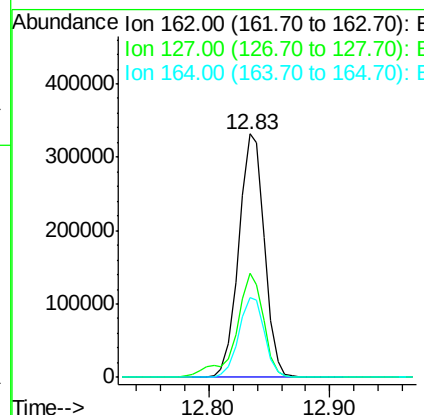
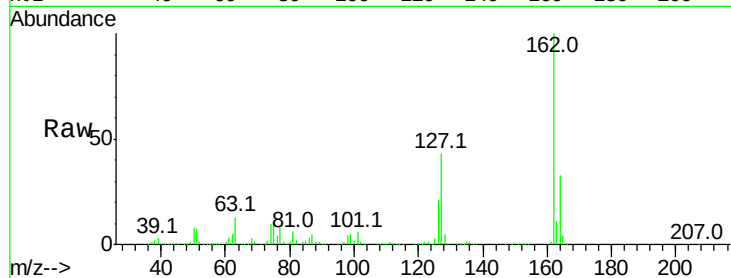
#47  
 2-Chloronaphthalene  
 Concen: 48.094 ng  
 RT: 12.83 min Scan# 1691  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 490104 |       |       |
| 127     | 42.9  | 34.0   | 51.0  |       |
| 164     | 32.7  | 26.9   | 40.3  |       |

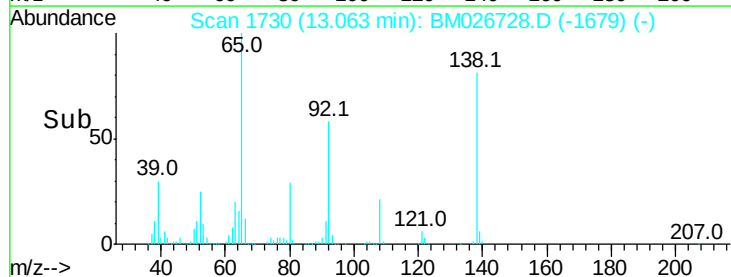
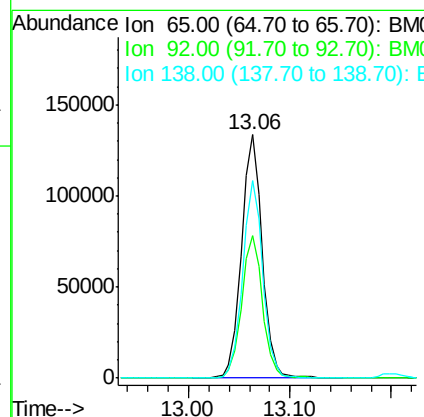
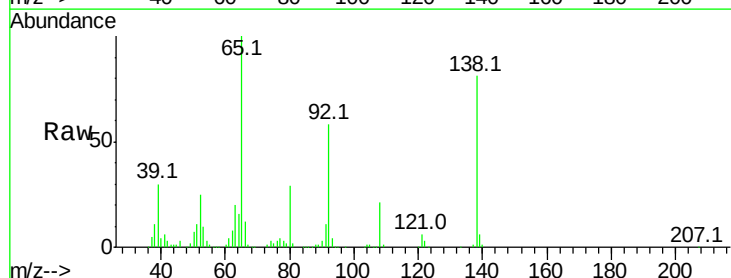
Manual Integrations  
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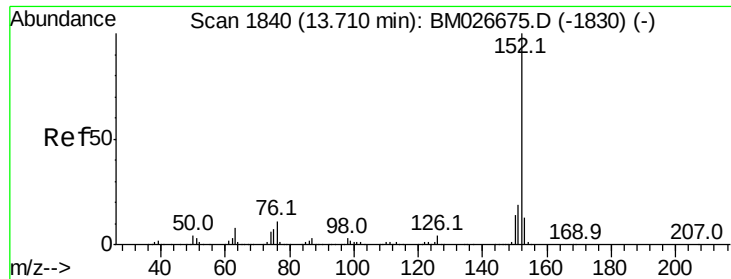
mohammad  
 7/13/2020 1:02:40 PM



#48  
 2-Nitroaniline  
 Concen: 45.148 ng  
 RT: 13.06 min Scan# 1730  
 Delta R.T. 0.00 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 189341 |       |       |
| 92      | 58.3  | 47.8   | 71.8  |       |
| 138     | 81.2  | 65.6   | 98.4  |       |





#49

Acenaphthylene

Concen: 46.455 ng

RT: 13.70 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

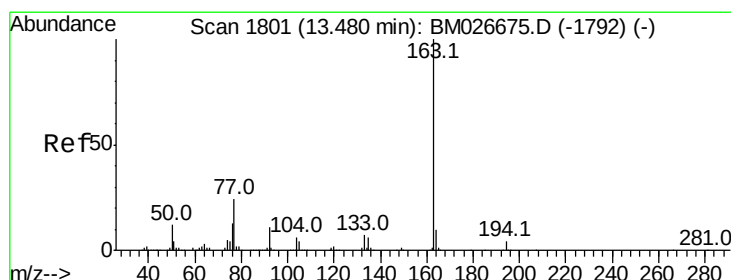
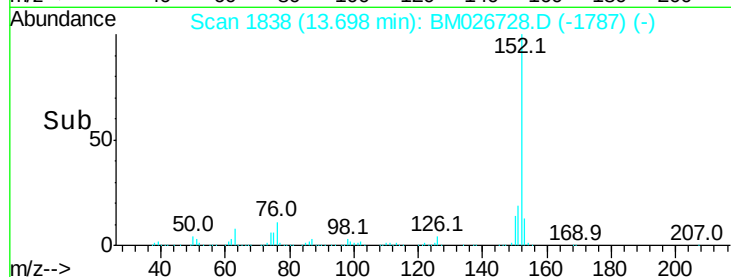
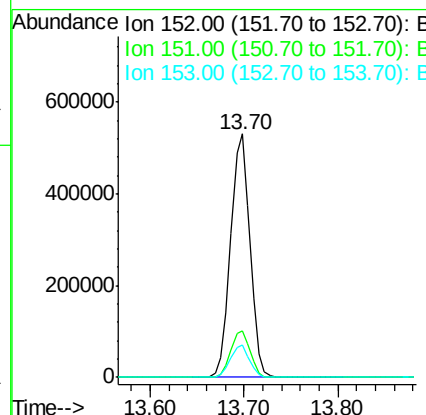
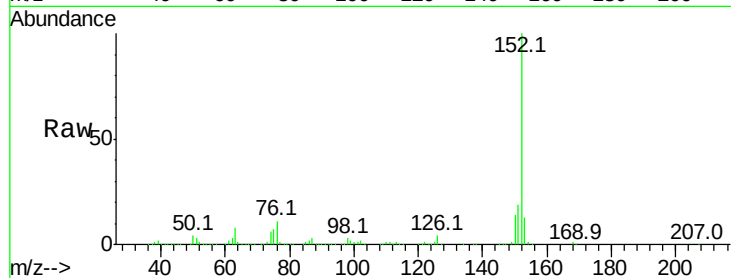
ClientSampleId :

MUDDY-DRUMMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 756793 |       |       |
| 151     | 19.0  |        | 15.6  | 23.4  |
| 153     | 13.2  |        | 10.4  | 15.6  |

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#50

Dimethylphthalate

Concen: 53.147 ng

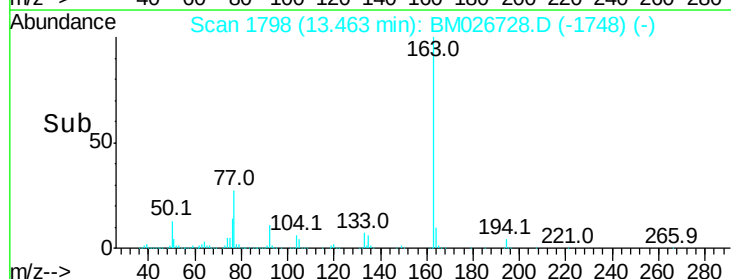
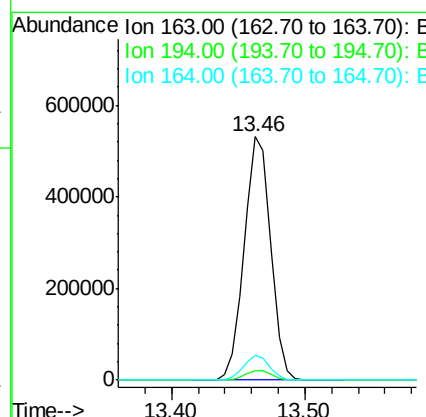
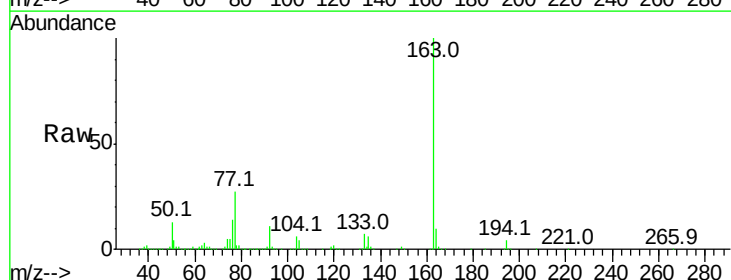
RT: 13.46 min Scan# 1798

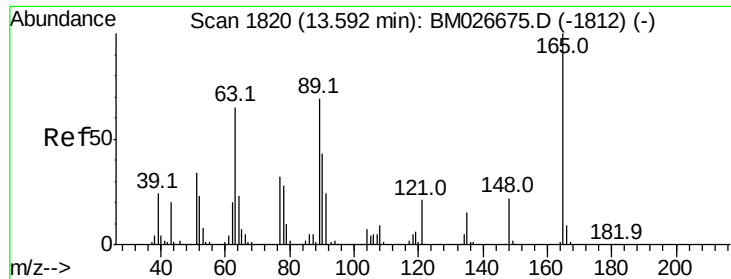
Delta R.T. -0.01 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 725985 |       |       |
| 194     | 4.1   |        | 3.4   | 5.2   |
| 164     | 10.0  |        | 7.8   | 11.6  |





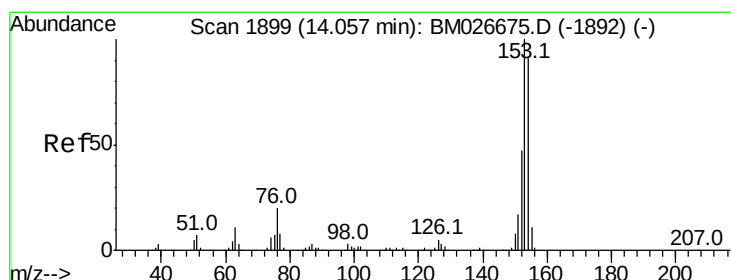
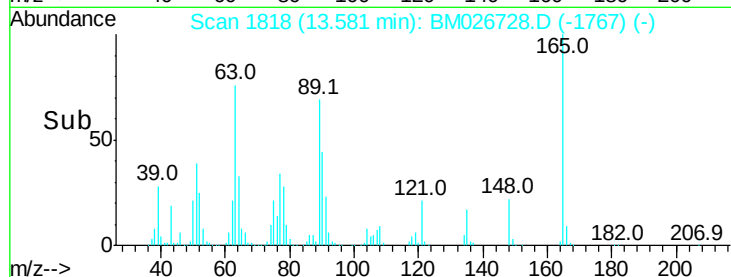
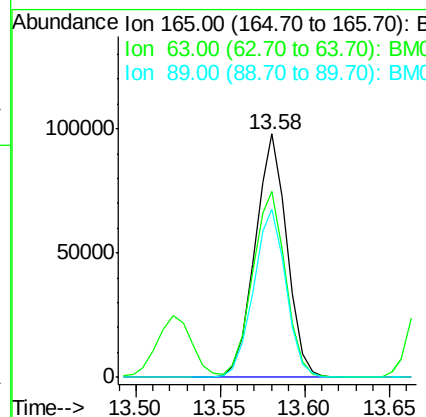
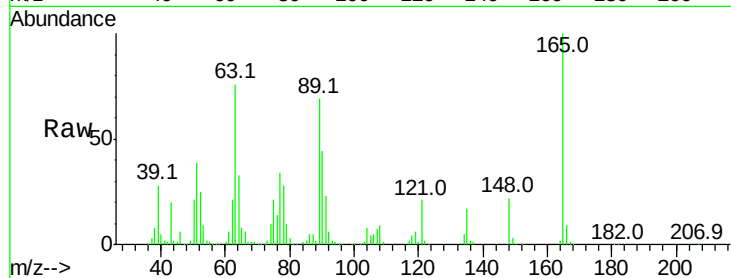
#51  
2,6-Dinitrotoluene  
Concen: 43.640 ng  
RT: 13.58 min Scan# 1818  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 76.3  | 61.1       | 91.7  |
| 89      | 68.9  | 54.9       | 82.3  |

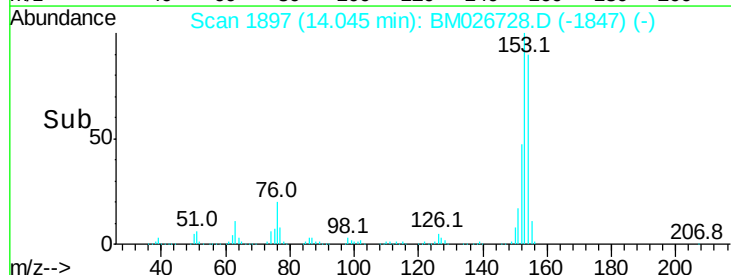
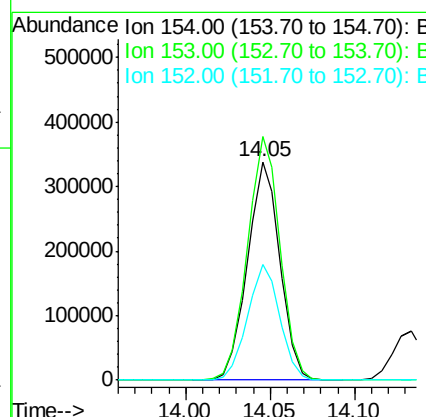
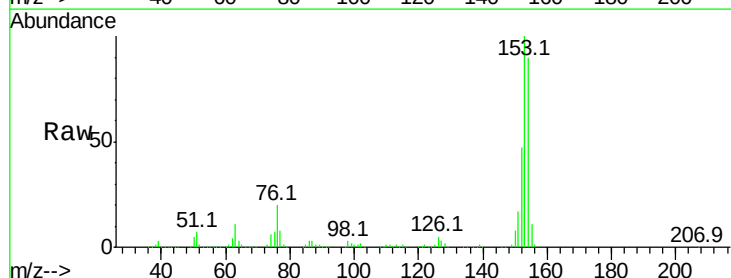
Manual Integrations  
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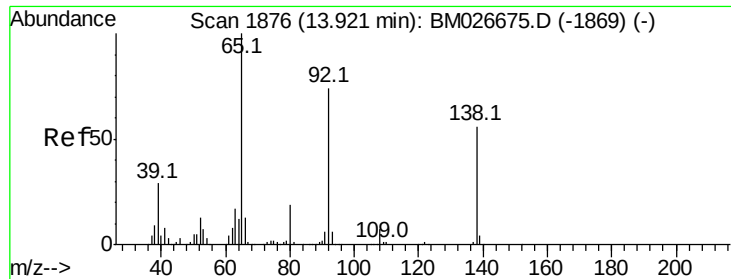
mohammad  
7/13/2020 1:02:40 PM



#52  
Acenaphthene  
Concen: 45.716 ng  
RT: 14.05 min Scan# 1897  
Delta R.T. -0.01 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 111.6 | 88.3       | 132.5 |
| 152     | 52.9  | 41.1       | 61.7  |





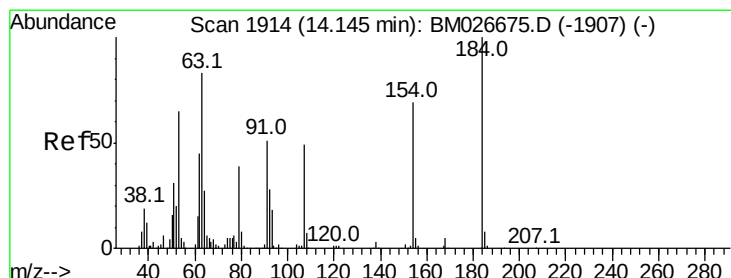
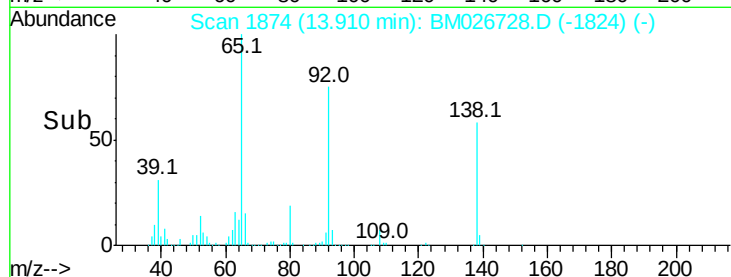
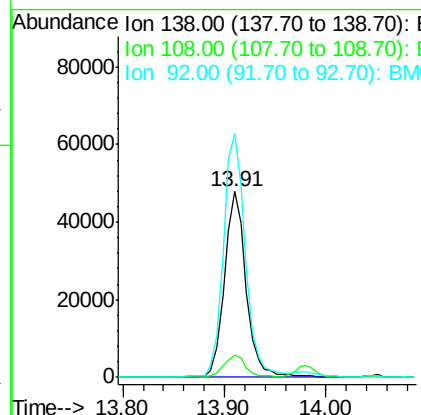
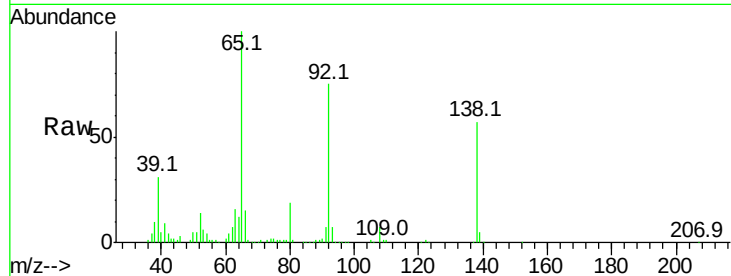
#53  
 3-Nitroaniline  
 Concen: 23.244 ng  
 RT: 13.91 min Scan# 1874  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

Tot Ion:138 Resp: 70733  
 Ion Ratio Lower Upper  
 138 100  
 108 11.9 9.7 14.5  
 92 131.2 105.6 158.4

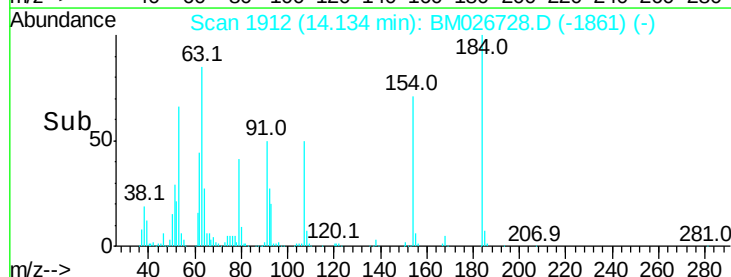
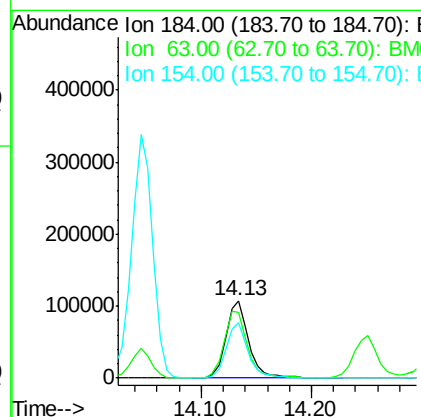
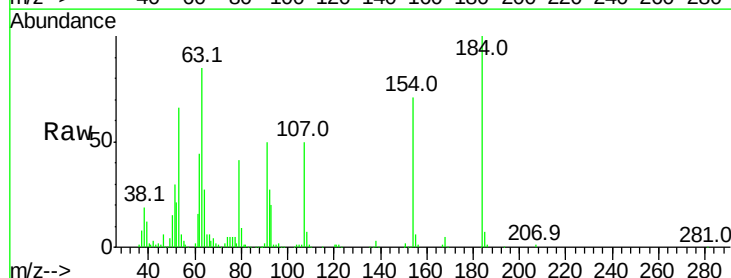
Manual Integrations  
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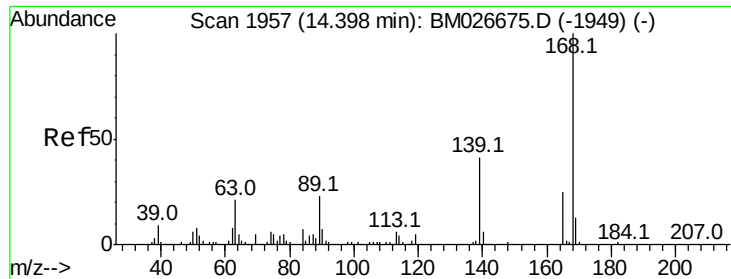
mohammad  
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#54  
 2,4-Dinitrophenol  
 Concen: 76.454 ng  
 RT: 14.13 min Scan# 1912  
 Delta R.T. 0.00 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Tgt Ion:184 Resp: 154346  
 Ion Ratio Lower Upper  
 184 100  
 63 85.0 66.2 99.4  
 154 71.4 55.2 82.8





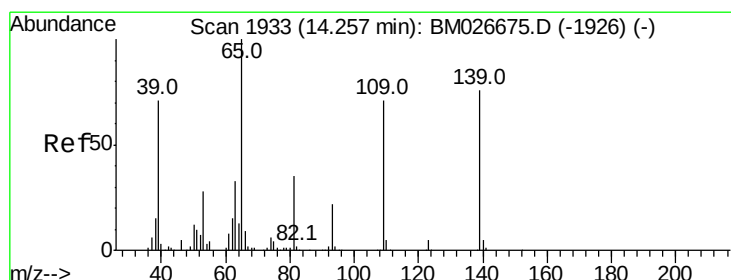
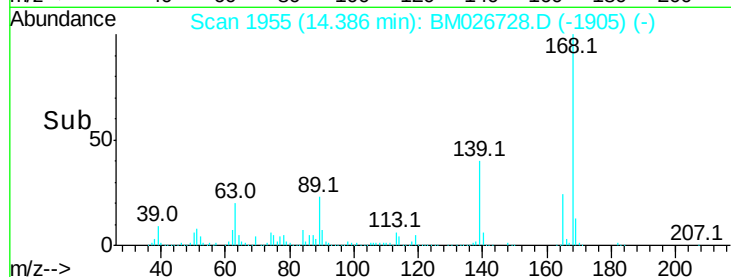
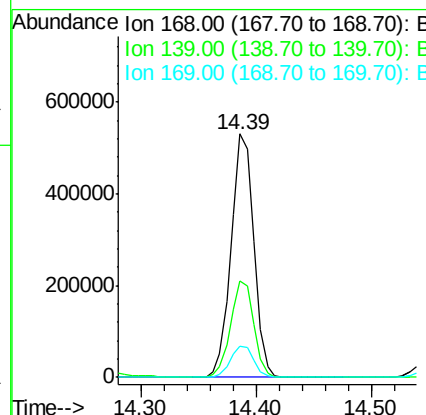
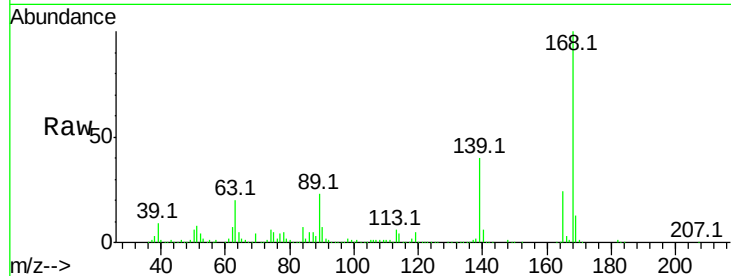
#55  
 Dibenzofuran  
 Concen: 44.436 ng  
 RT: 14.39 min Scan# 1955  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.6  | 32.6  | 48.8  |
| 169     | 13.0  | 10.5  | 15.7  |

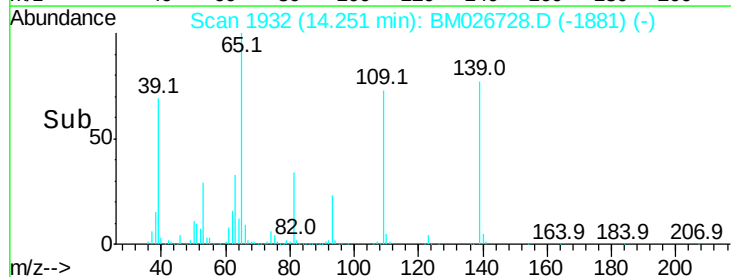
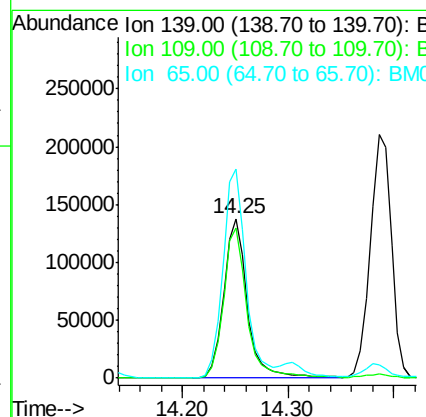
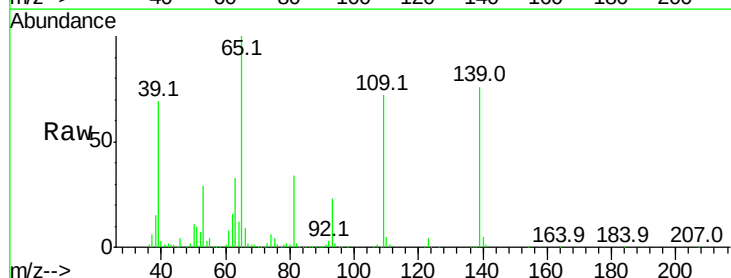
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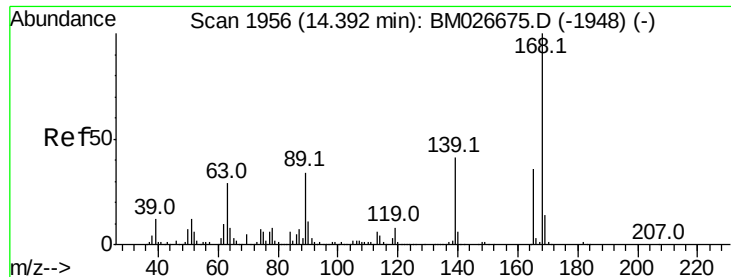


#56  
 4-Nitrophenol  
 Concen: 80.875 ng  
 RT: 14.25 min Scan# 1932  
 Delta R.T. 0.00 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 94.2  | 73.7  | 113.7 |
| 65      | 131.1 | 111.5 | 151.5 |







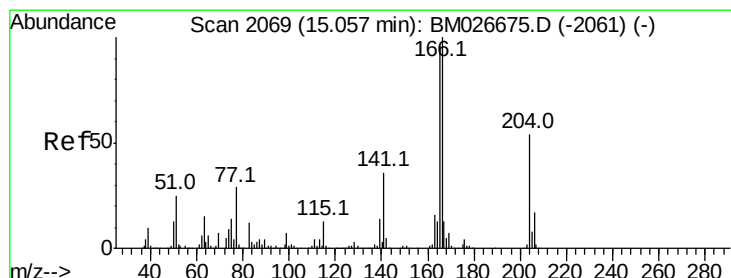
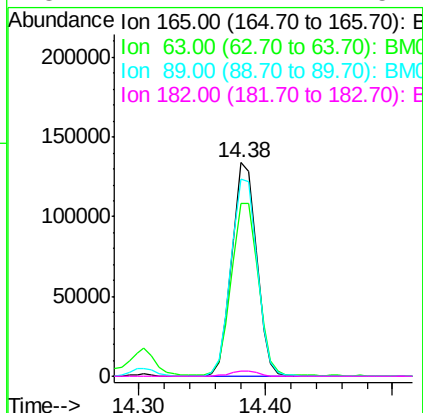
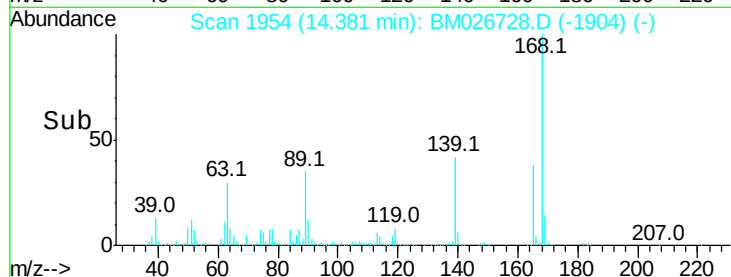
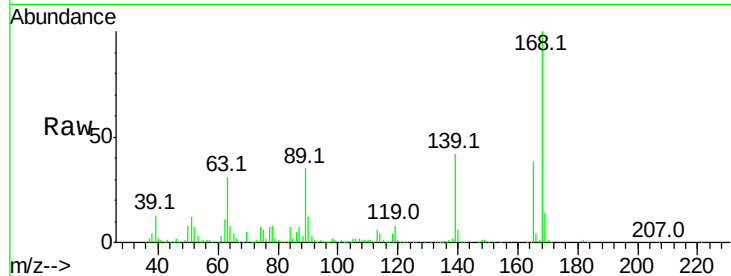
#57  
2,4-Dinitrotoluene  
Concen: 42.942 ng  
RT: 14.38 min Scan# 1954  
Delta R.T. -0.01 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 80.9  | 64.6 | 97.0  |       |
| 89      | 92.2  | 75.4 | 113.2 |       |
| 182     | 2.7   | 2.2  | 3.4   |       |

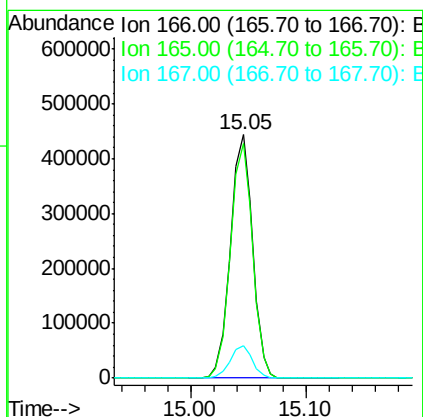
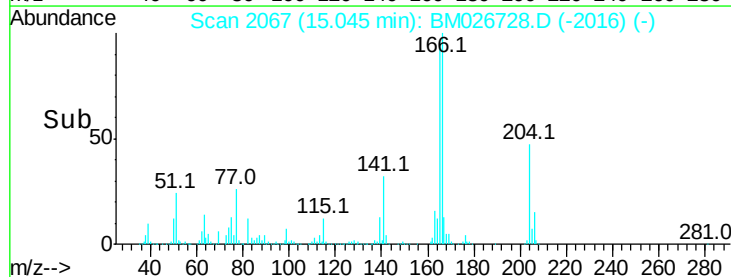
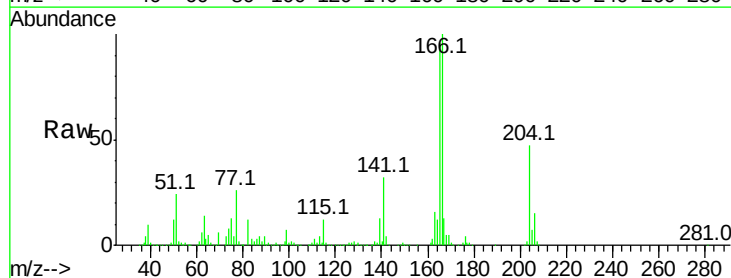
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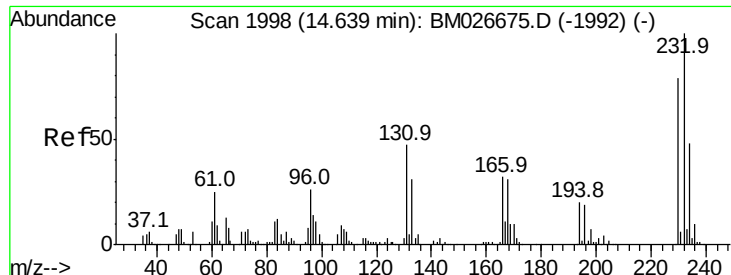
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#58  
Fluorene  
Concen: 43.576 ng  
RT: 15.05 min Scan# 2067  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 96.2  | 77.1 | 115.7 |       |
| 167     | 13.4  | 10.8 | 16.2  |       |





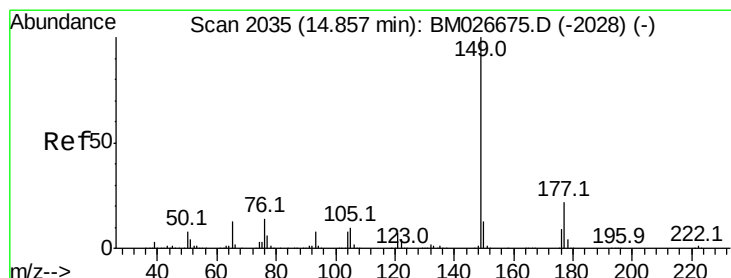
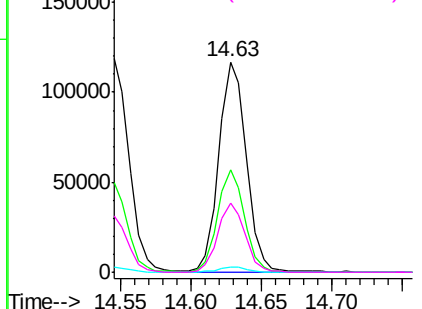
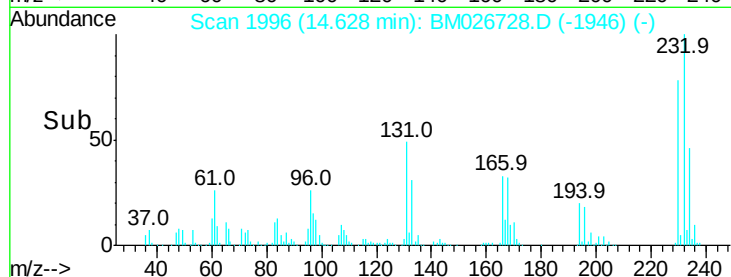
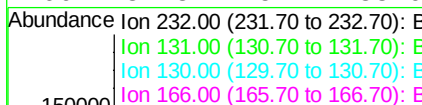
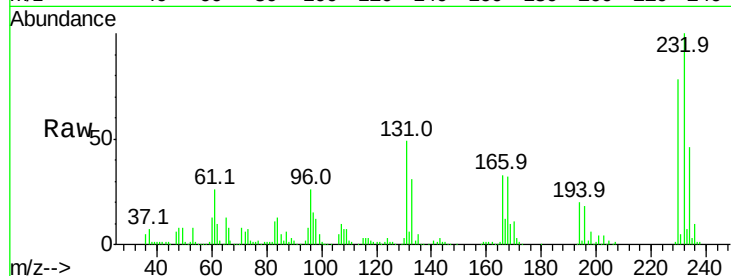
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.540 ng  
 RT: 14.63 min Scan# 1996  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 47.7  | 38.4  | 57.6  |
| 130     | 2.7   | 2.2   | 3.2   |
| 166     | 32.3  | 25.4  | 38.0  |

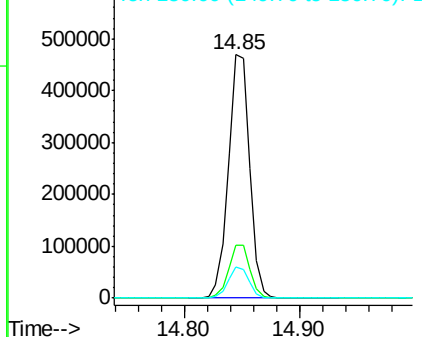
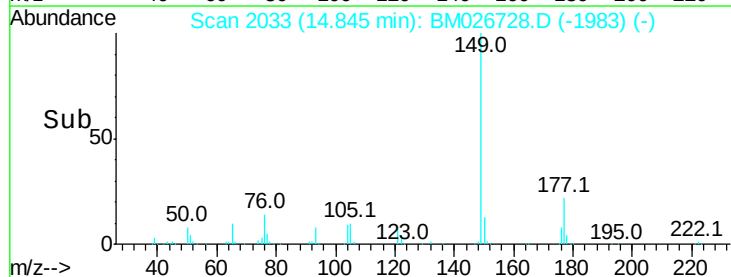
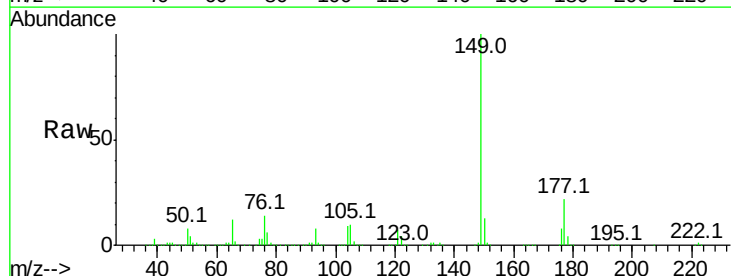
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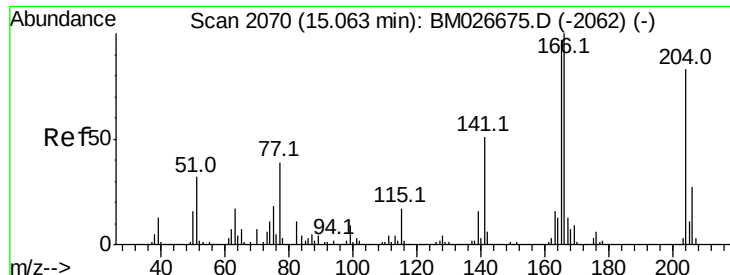
mohammad  
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#60  
 Diethylphthalate  
 Concen: 41.163 ng  
 RT: 14.85 min Scan# 2033  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.6  | 17.8  | 26.6  |
| 150     | 13.0  | 10.2  | 15.4  |





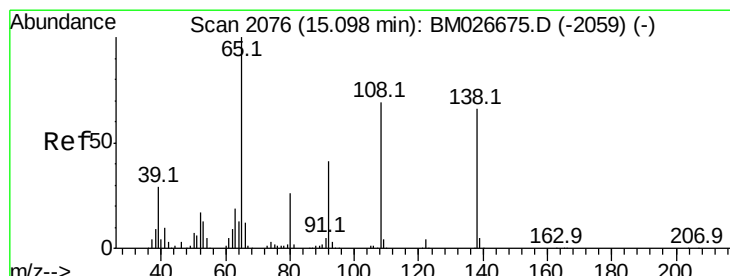
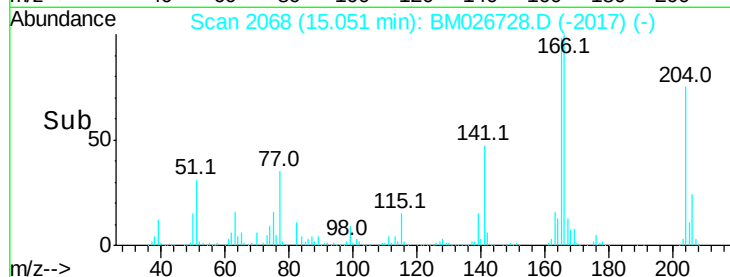
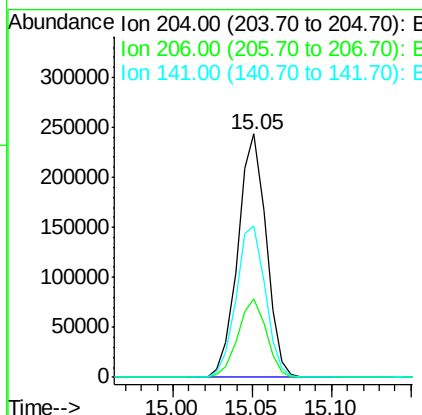
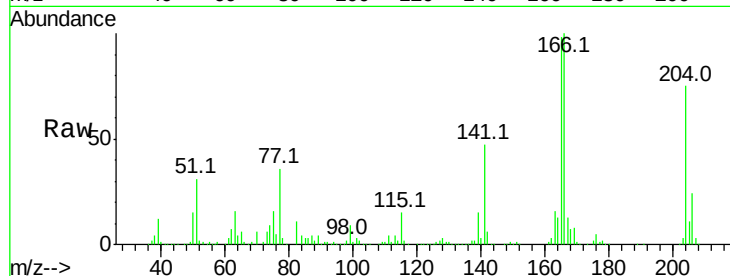
#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.431 ng  
 RT: 15.05 min Scan# 2068  
 Delta R.T. 0.00 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.3  | 25.9  | 38.9  |
| 141     | 62.5  | 49.5  | 74.3  |

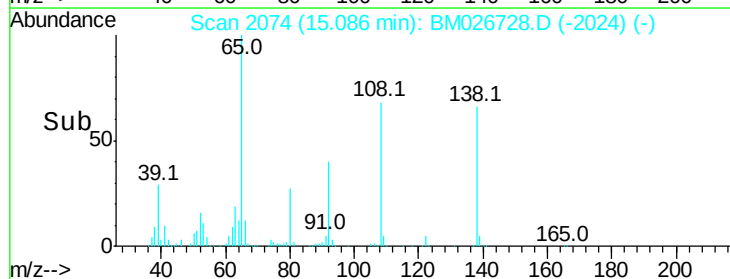
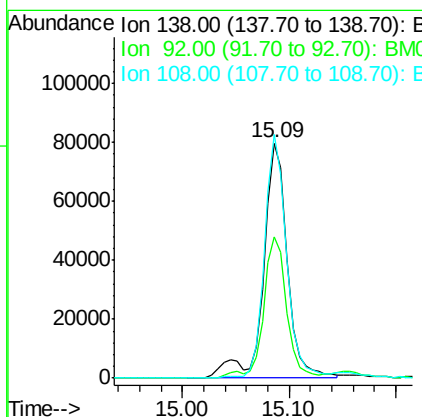
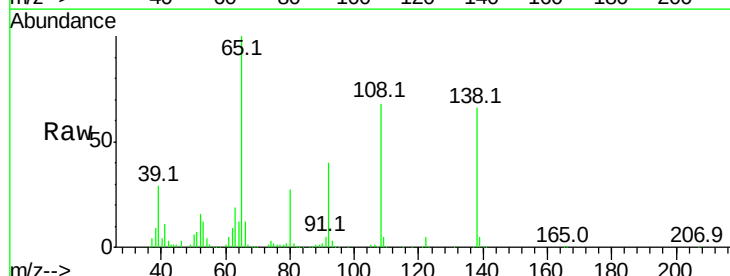
Manual Integrations  
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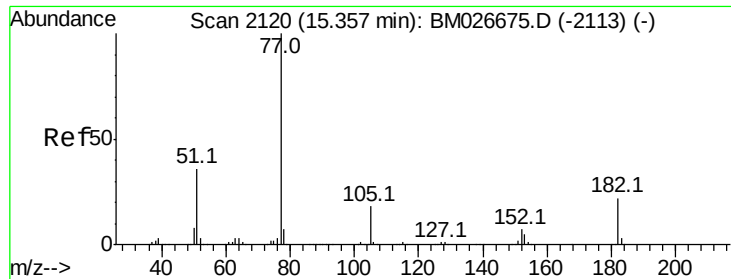
mohammad  
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#62  
 4-Nitroaniline  
 Concen: 36.138 ng m  
 RT: 15.09 min Scan# 2074  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 60.1  | 41.5  | 81.5  |
| 108     | 103.6 | 84.8  | 124.8 |





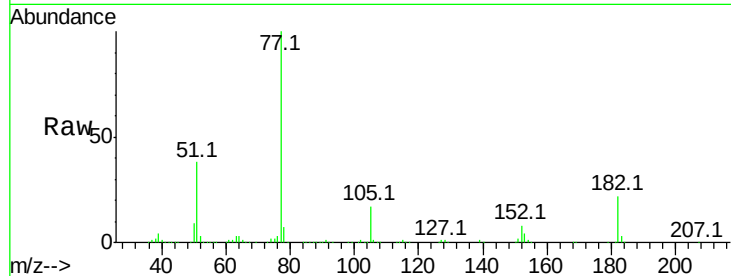
#63  
Azobenzene  
Concen: 43.458 ng  
RT: 15.35 min Scan# 2118  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 689454 |       |       |
| 182     | 22.0 | 1.6   | 41.6   |       |       |
| 105     | 17.2 | 0.0   | 37.8   |       |       |
| 51      | 37.9 | 16.5  | 56.5   |       |       |

Manual Integrations  
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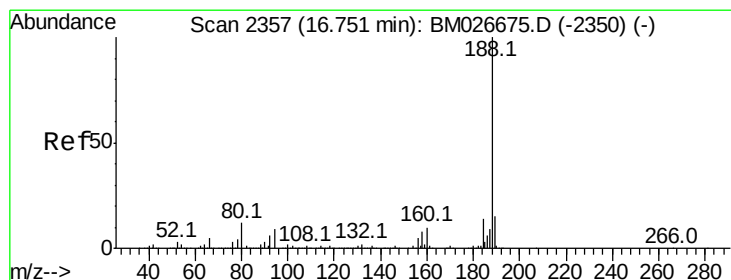
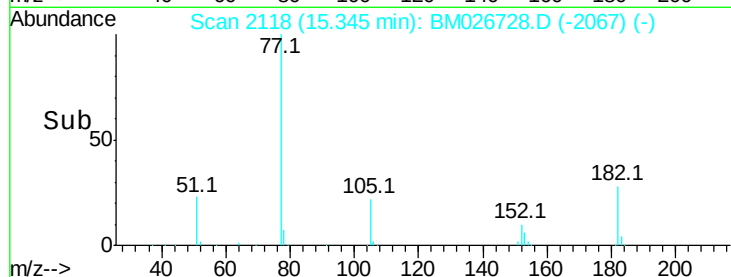
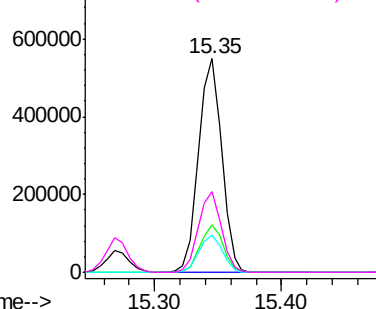


Abundance Ion 77.00 (76.70 to 77.70): BM026675.D (-2113) (-)

Ion 182.00 (181.70 to 182.70): BM026675.D (-2113) (-)

Ion 105.00 (104.70 to 105.70): BM026675.D (-2113) (-)

Ion 51.00 (50.70 to 51.70): BM026675.D (-2113) (-)



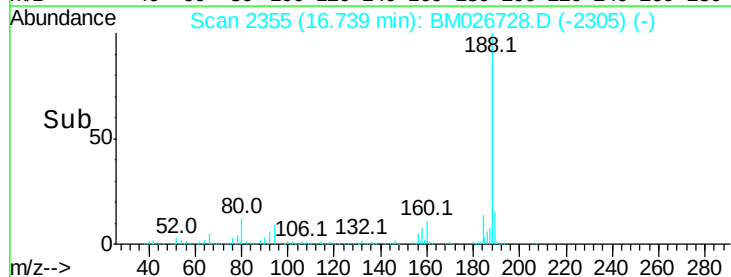
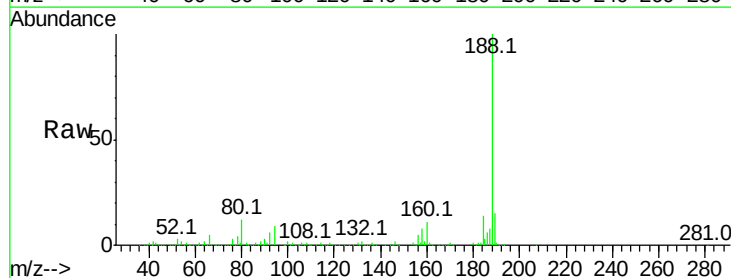
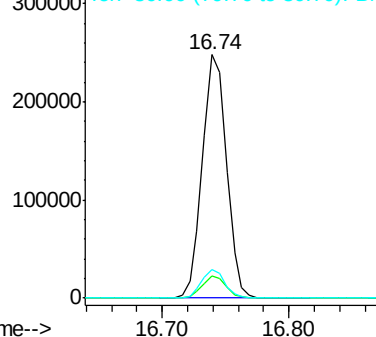
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.74 min Scan# 2355  
Delta R.T. -0.01 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

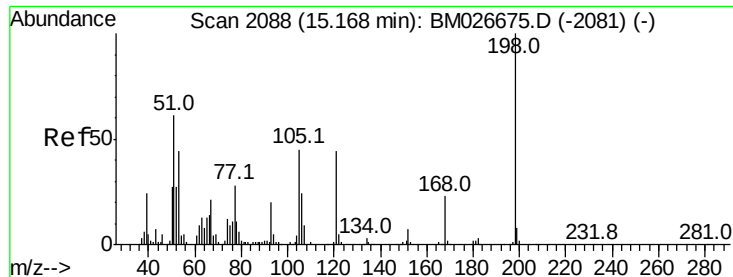
| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 188     | 100  |       | 325891 |       |       |
| 94      | 9.2  | 7.4   | 11.0   |       |       |
| 80      | 12.0 | 9.3   | 13.9   |       |       |

Abundance Ion 188.00 (187.70 to 188.70): BM026675.D (-2350) (-)

Ion 94.00 (93.70 to 94.70): BM026675.D (-2350) (-)

Ion 80.00 (79.70 to 80.70): BM026675.D (-2350) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 44.012 ng

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

ClientSampleId :

MUDDY-DRUMMS

Tot Ion:198 Resp: 104208

Ion Ratio Lower Upper

198 100

51 64.9 42.0 82.0

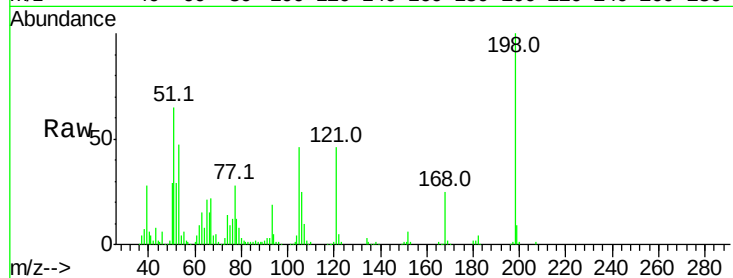
105 45.9 24.9 64.9

Manual Integrations

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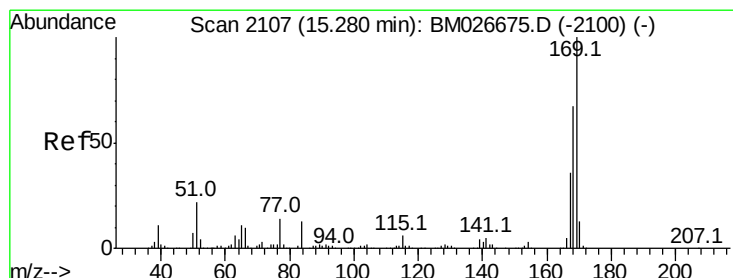
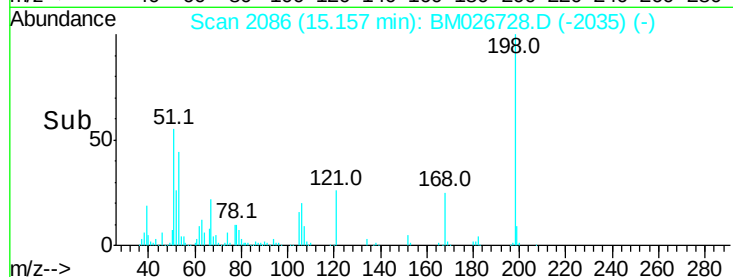
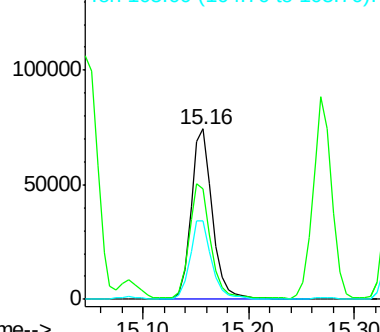
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.855 ng

RT: 15.27 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

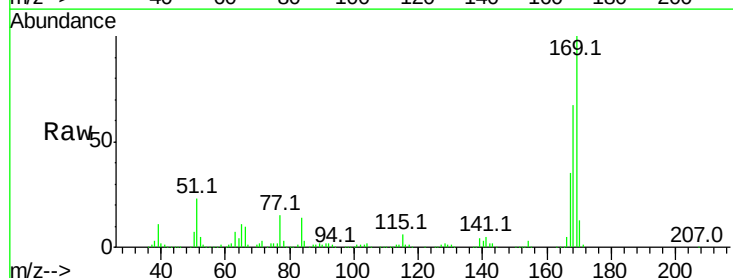
Tgt Ion:169 Resp: 495595

Ion Ratio Lower Upper

169 100

168 66.5 53.8 80.8

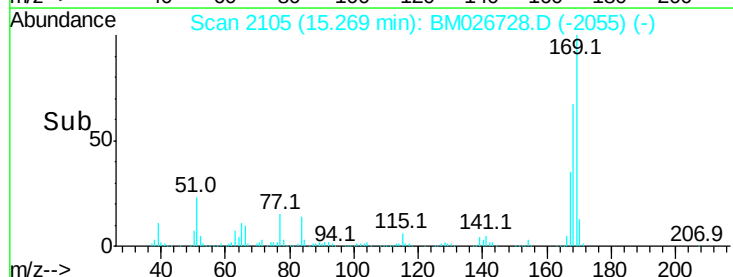
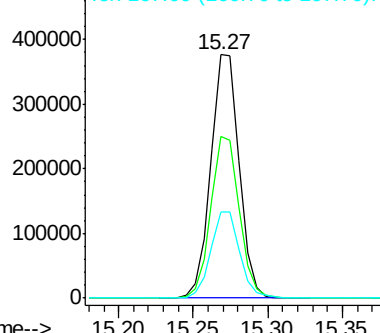
167 35.4 28.6 43.0

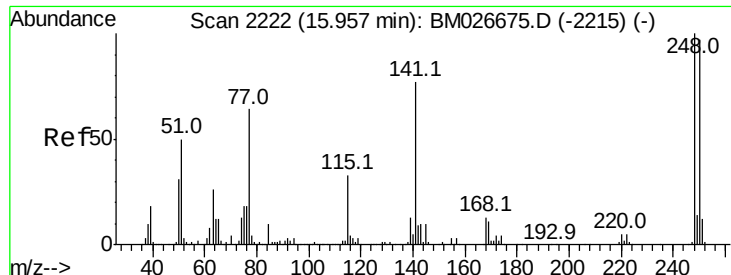


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





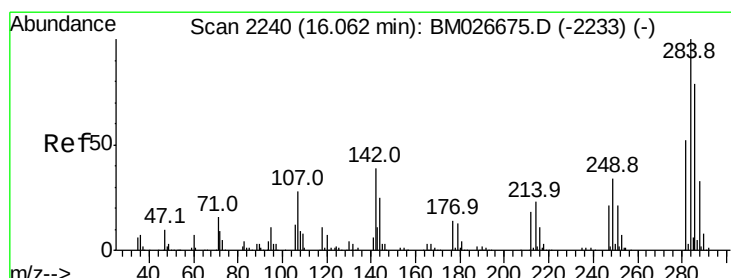
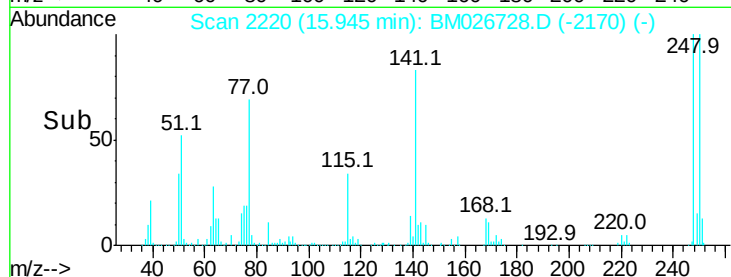
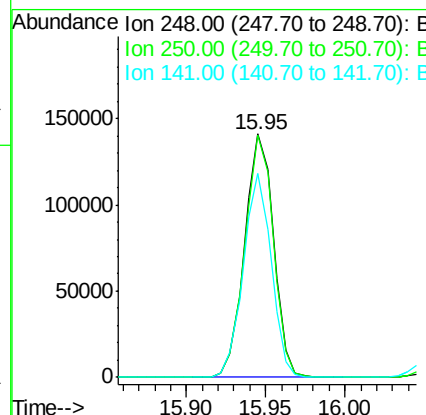
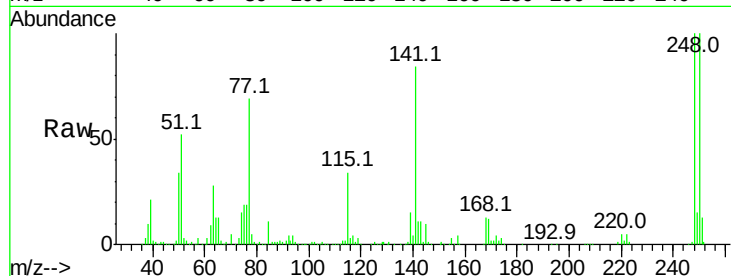
#67  
4-Bromophenyl-phenylether  
Concen: 43.985 ng  
RT: 15.95 min Scan# 2220  
Delta R.T. -0.01 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.6  | 77.4  | 116.2 |
| 141     | 83.5  | 61.9  | 92.9  |

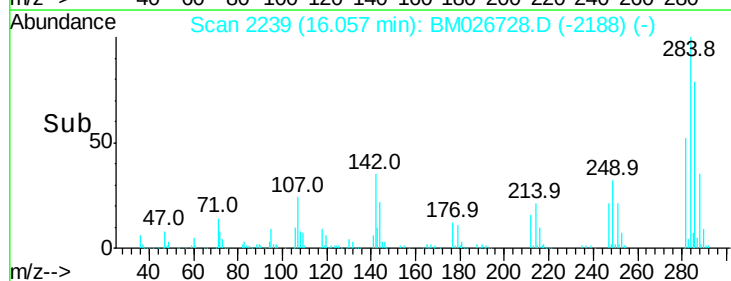
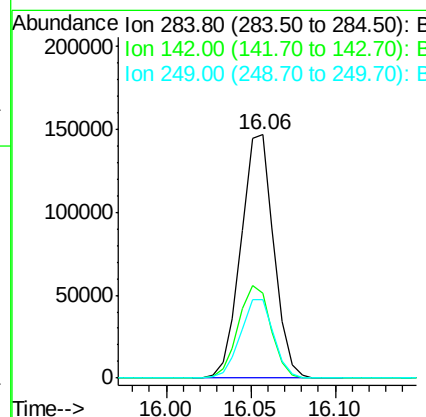
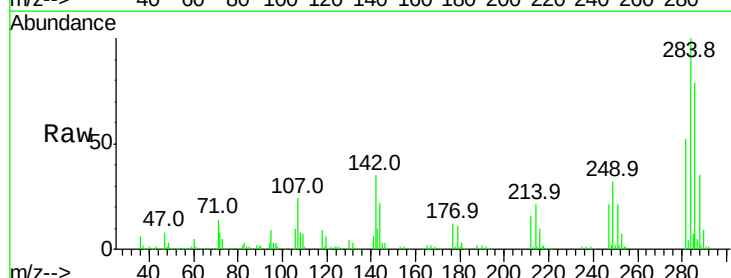
Manual Integrations  
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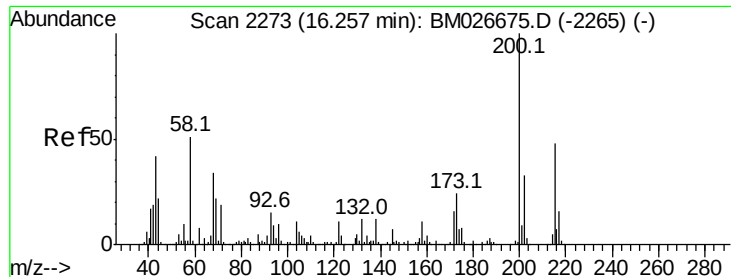
mohammad  
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#68  
Hexachlorobenzene  
Concen: 46.475 ng  
RT: 16.06 min Scan# 2239  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.7  | 31.1  | 46.7  |
| 249     | 32.3  | 27.4  | 41.0  |





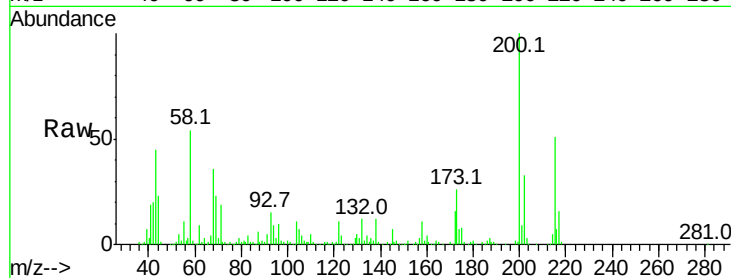
#69  
 Atrazine  
 Concen: 52.292 ng  
 RT: 16.25 min Scan# 2271  
 Delta R.T. 0.00 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

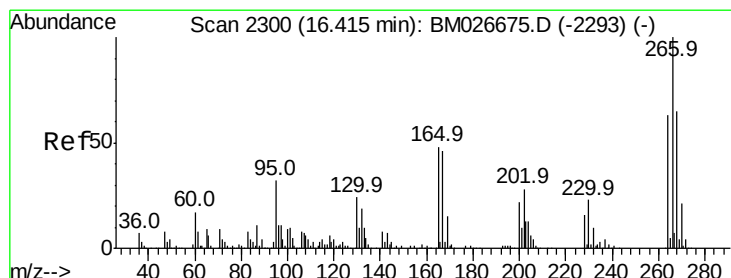
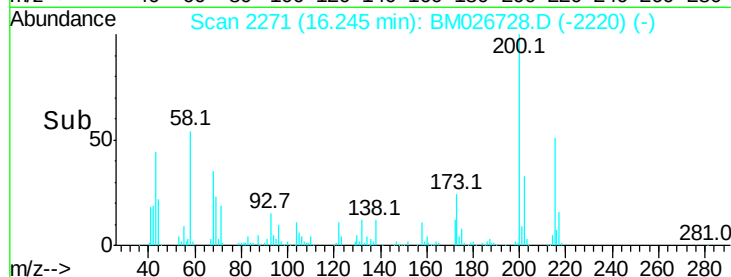
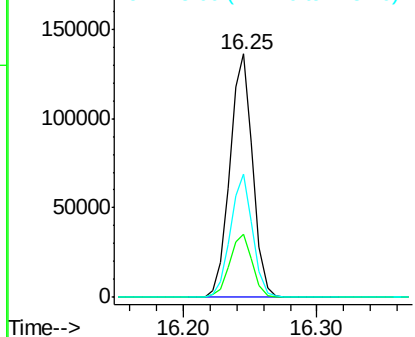
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.1  | 4.5   | 44.5  |
| 215     | 50.6  | 28.4  | 68.4  |

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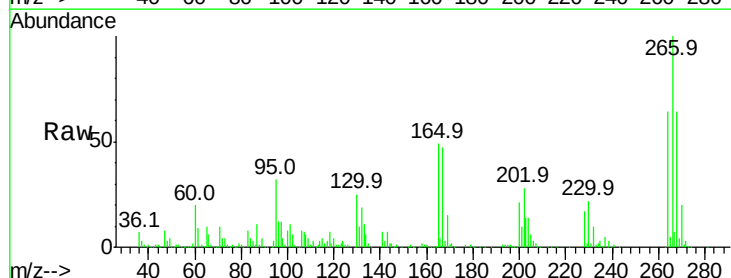


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

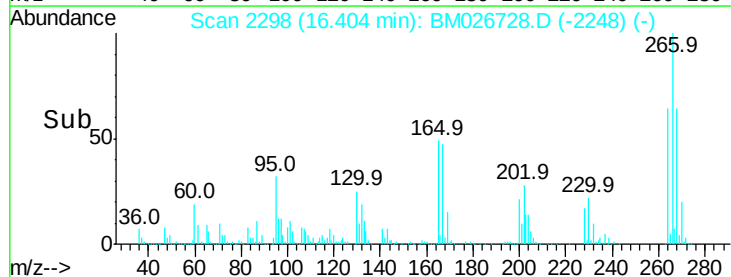
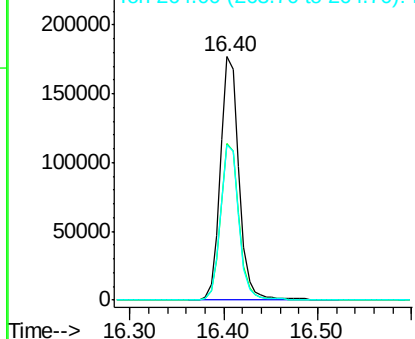


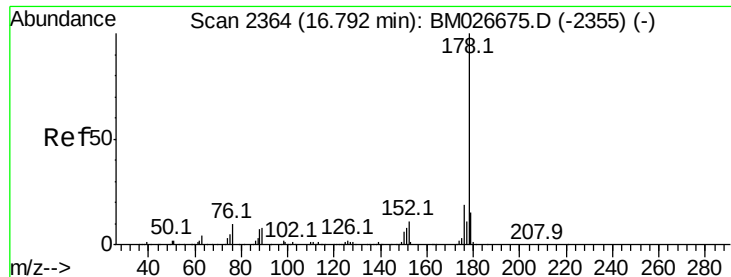
#70  
 Pentachlorophenol  
 Concen: 101.379 ng  
 RT: 16.40 min Scan# 2298  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.4  | 51.8  | 77.6  |
| 264     | 63.7  | 50.1  | 75.1  |



Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E





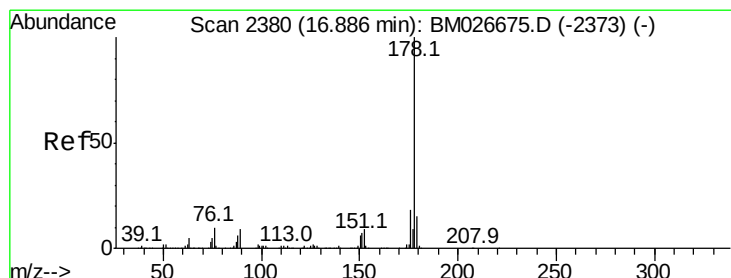
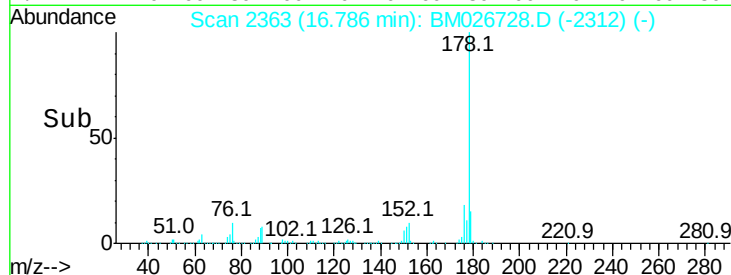
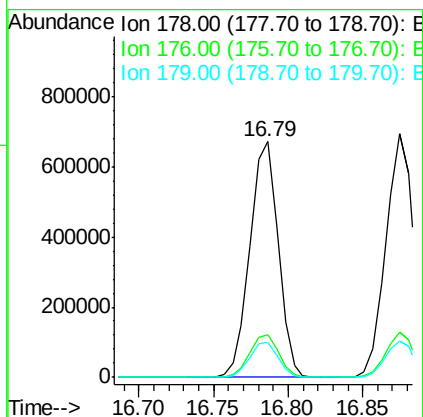
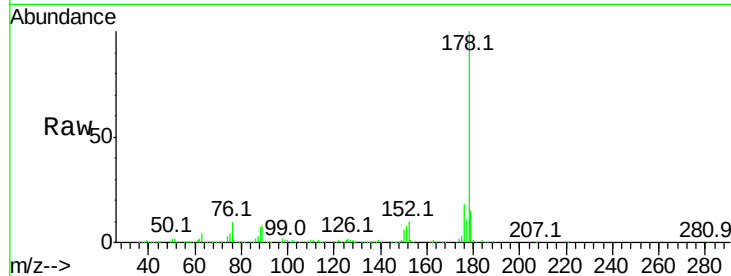
#71  
Phenanthrene  
Concen: 45.764 ng  
RT: 16.79 min Scan# 2363  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.3  | 15.0  | 22.6  |
| 179     | 15.1  | 12.1  | 18.1  |

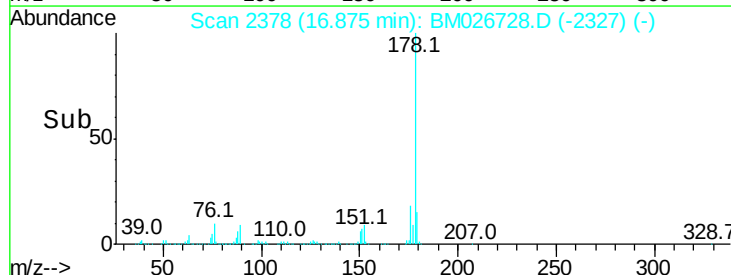
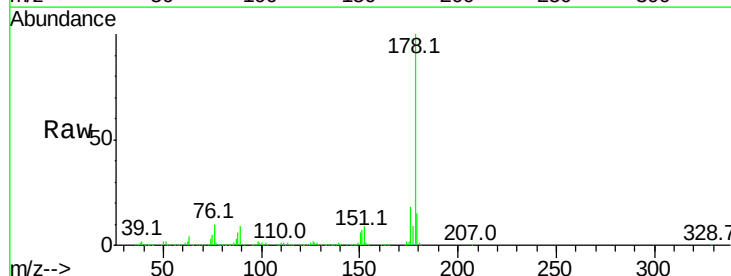
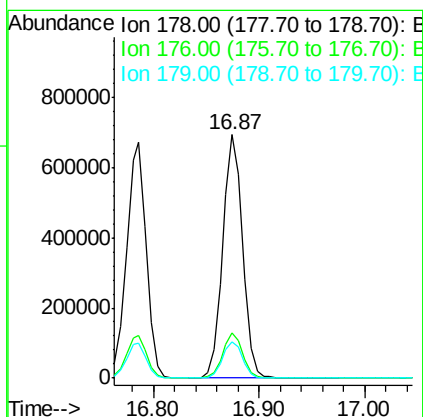
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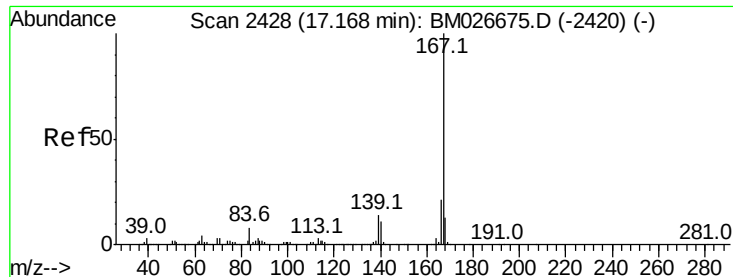


#72  
Anthracene  
Concen: 47.328 ng  
RT: 16.87 min Scan# 2378  
Delta R.T. 0.00 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.3  | 14.7  | 22.1  |
| 179     | 15.1  | 12.1  | 18.1  |







#73

Carbazole

Concen: 44.029 ng

RT: 17.16 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

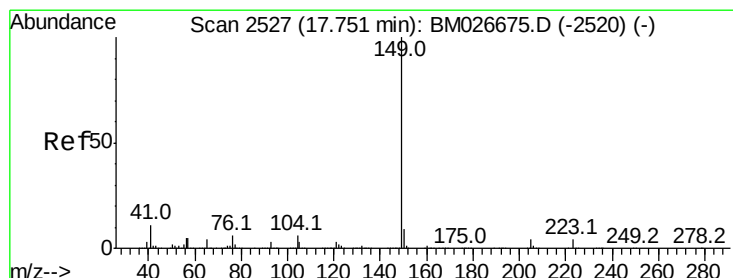
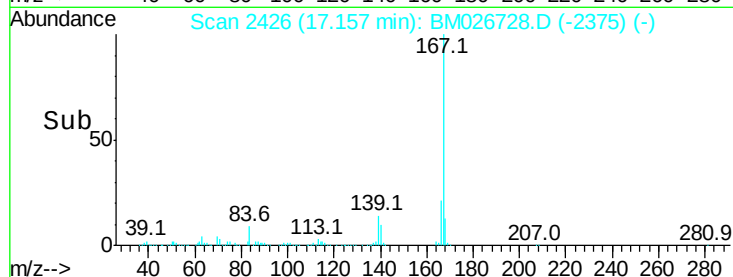
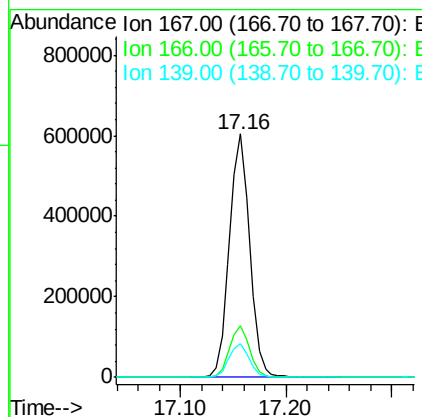
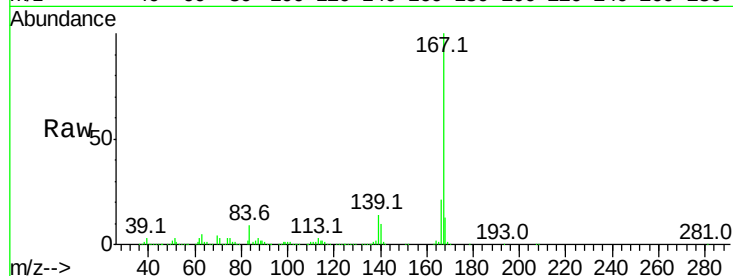
ClientSampleId :

MUDDY-DRUMMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 803950 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 20.9  | 16.9  | 25.3   |
| 139       | 13.8  | 10.8  | 16.2   |

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#74

Di-n-butylphthalate

Concen: 45.136 ng

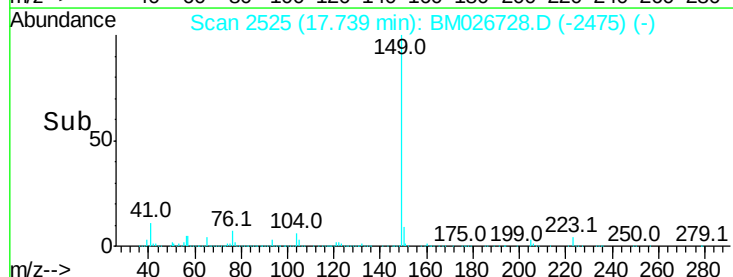
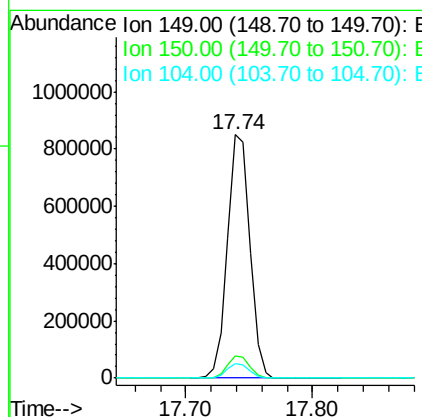
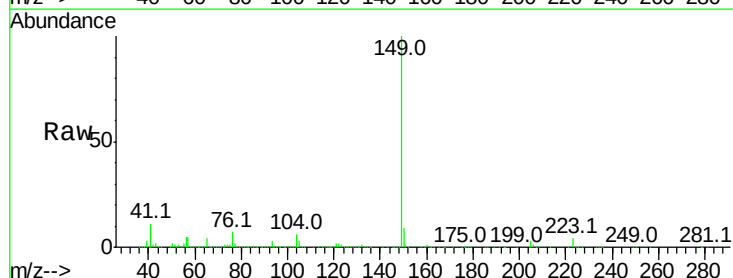
RT: 17.74 min Scan# 2525

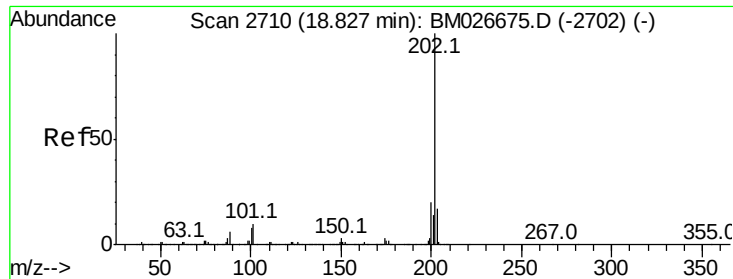
Delta R.T. -0.01 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1036300 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 150       | 9.0   | 7.3   | 10.9    |
| 104       | 5.9   | 5.0   | 7.4     |





#75

Fluoranthene

Concen: 45.201 ng

RT: 18.82 min Scan# 2708

Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

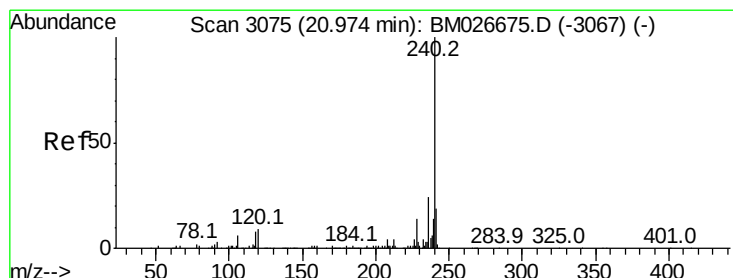
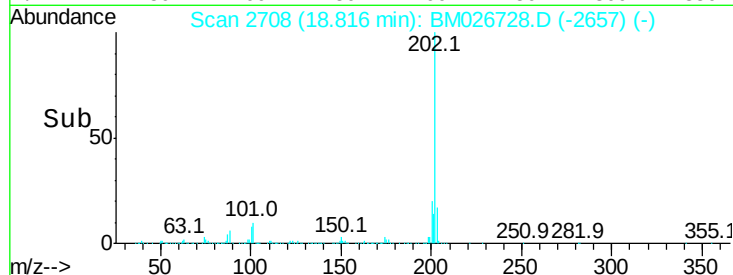
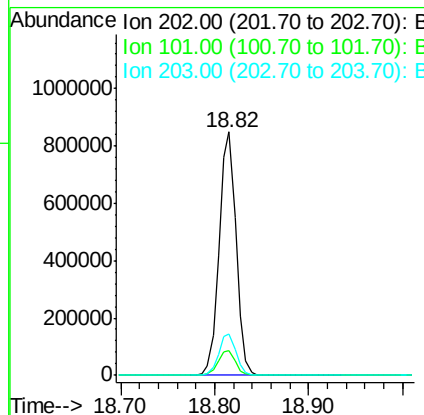
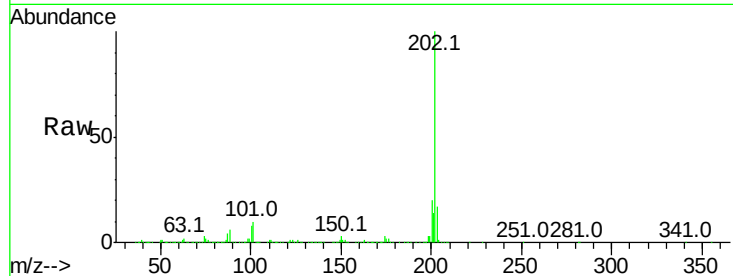
ClientSampleId :

MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.2  | 0.0   | 30.1  |
| 203     | 17.0  | 0.0   | 37.2  |

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#76

Chrysene-d12

Concen: 20.000 ng

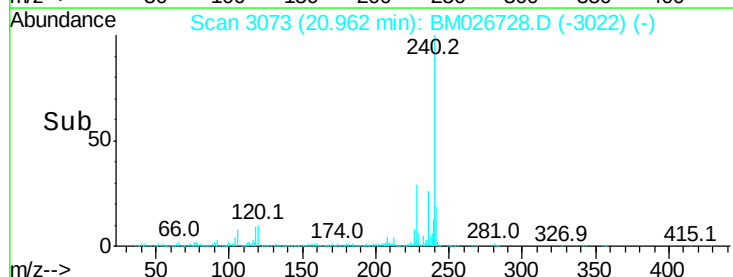
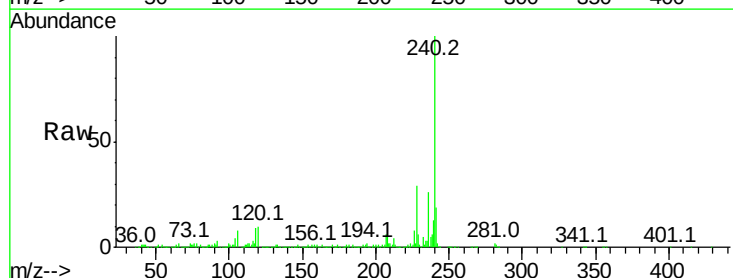
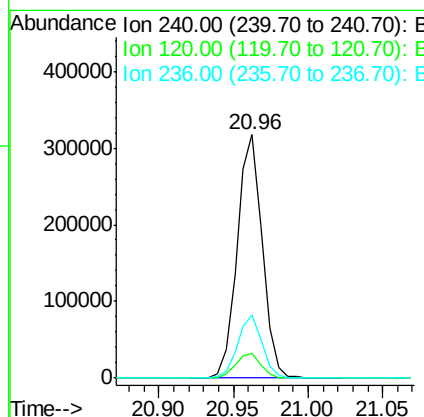
RT: 20.96 min Scan# 3073

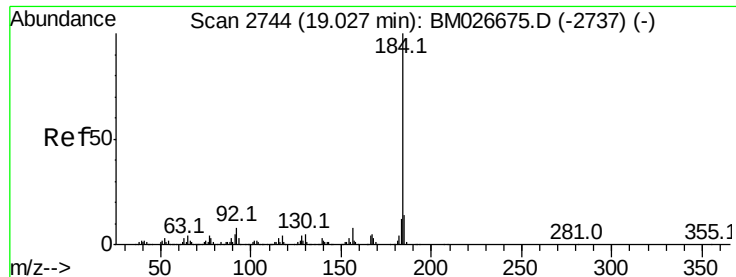
Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.0  | 7.3   | 10.9  |
| 236     | 25.7  | 19.4  | 29.2  |





#77

Benzidine

Concen: 59.125 ng

RT: 19.02 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

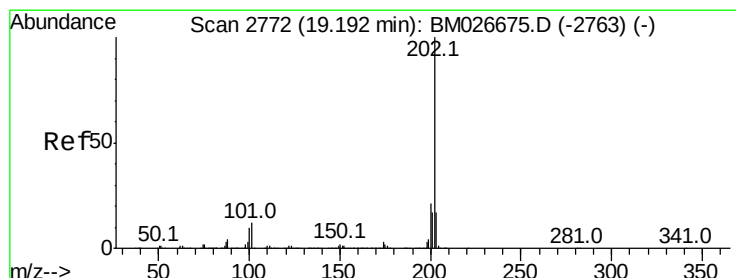
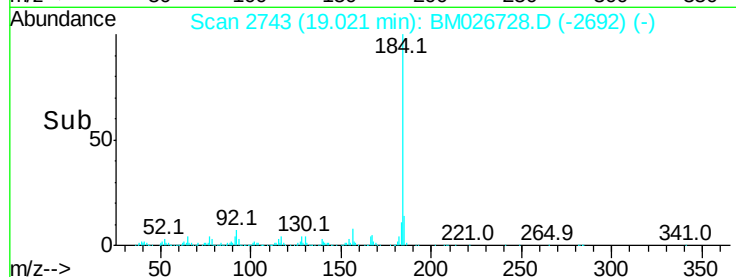
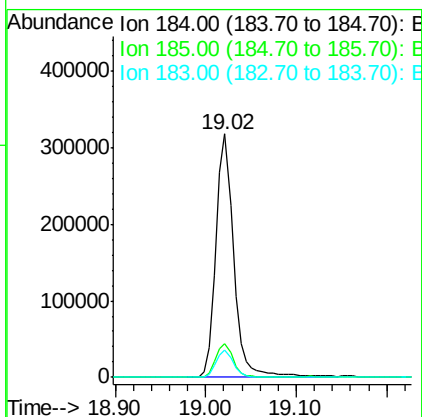
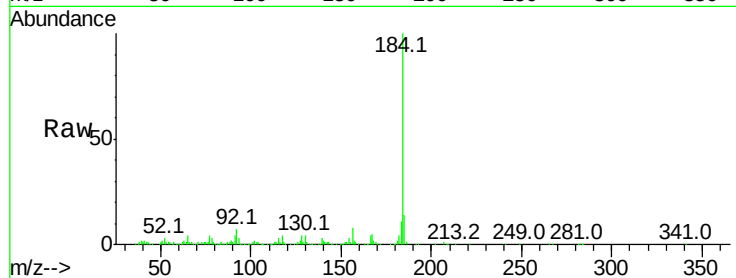
ClientSampleId :

MUDDY-DRUMMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 434400 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.8  | 10.9  | 16.3   |
| 183       | 11.4  | 9.3   | 13.9   |

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#78

Pyrene

Concen: 46.310 ng

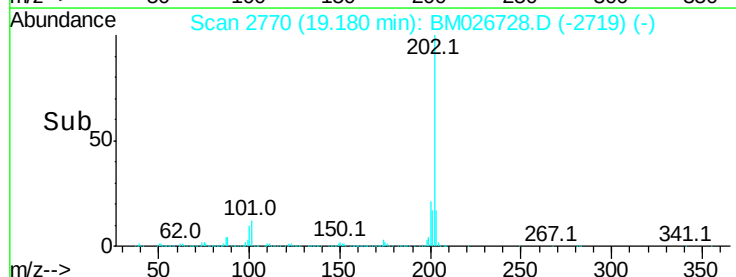
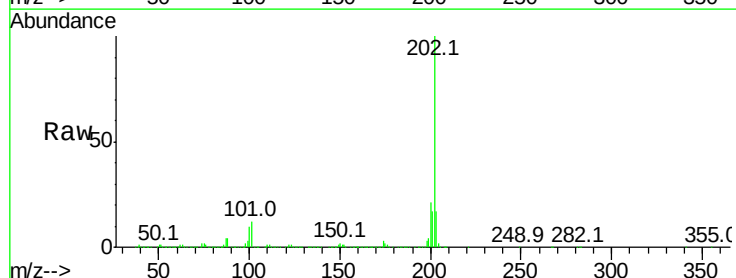
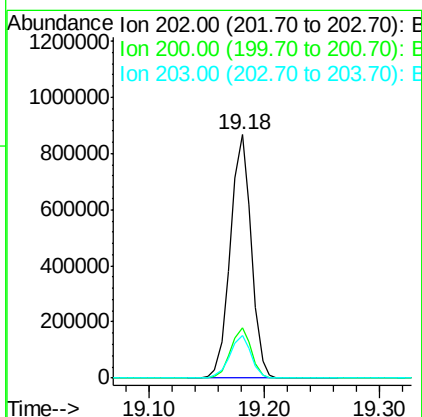
RT: 19.18 min Scan# 2770

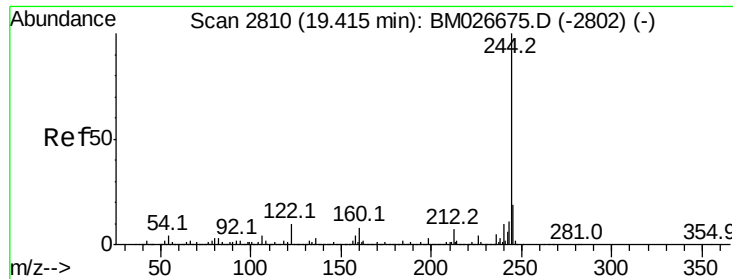
Delta R.T. 0.00 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1087176 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 20.7  | 16.6  | 24.8    |
| 203       | 17.5  | 13.7  | 20.5    |





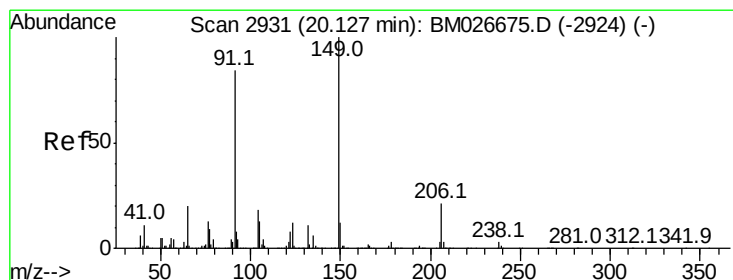
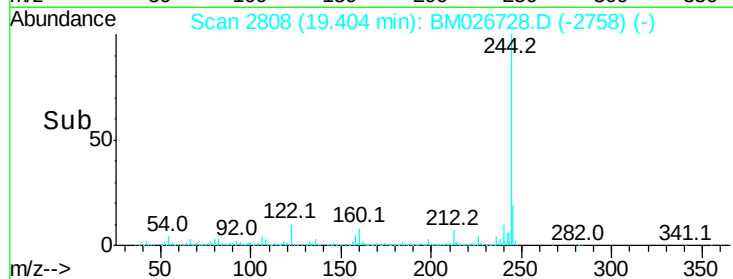
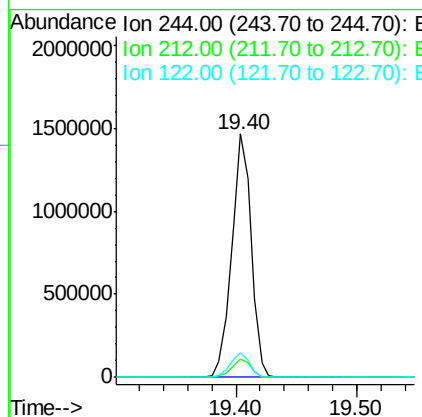
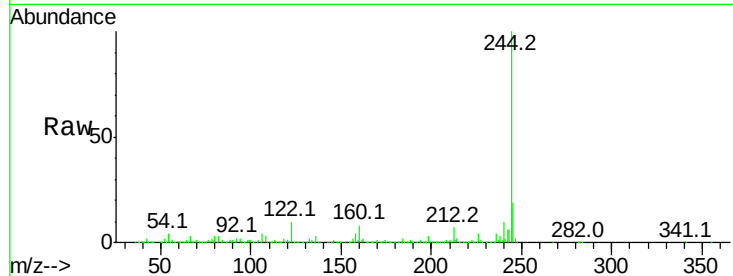
#79  
 Terphenyl-d14  
 Concen: 86.746 ng  
 RT: 19.40 min Scan# 2808  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.4   | 5.9   | 8.9   |
| 122     | 10.4  | 8.2   | 12.4  |

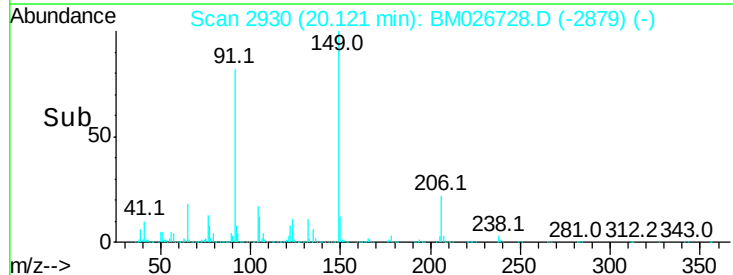
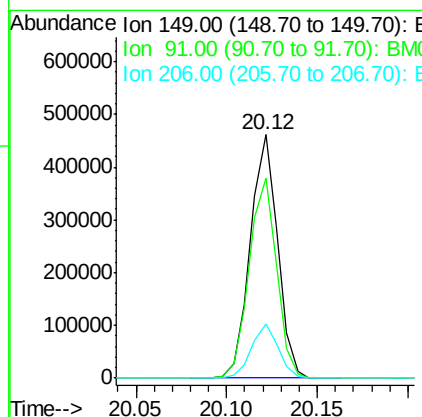
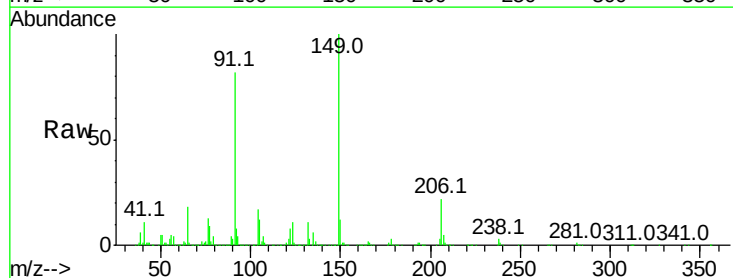
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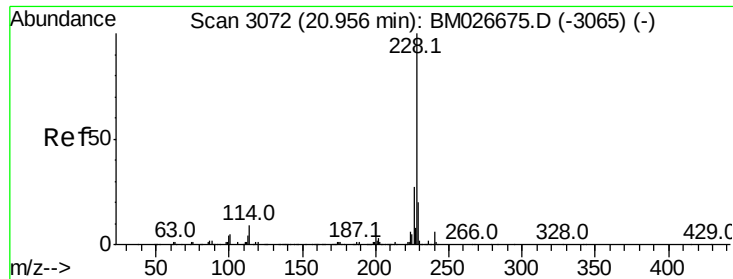
mohammad  
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#80  
 Butylbenzylphthalate  
 Concen: 45.806 ng  
 RT: 20.12 min Scan# 2930  
 Delta R.T. 0.00 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 82.0  | 67.6  | 101.4 |
| 206     | 22.1  | 16.7  | 25.1  |





#81

Benzo(a)anthracene

Concen: 45.837 ng

RT: 20.94 min Scan# 3070

Delta R.T. -0.01 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

ClientSampleId :

MUDDY-DRUMMS

Tot Ion:228 Resp: 1147446

Ion Ratio Lower Upper

228 100

226 26.3 21.4 32.2

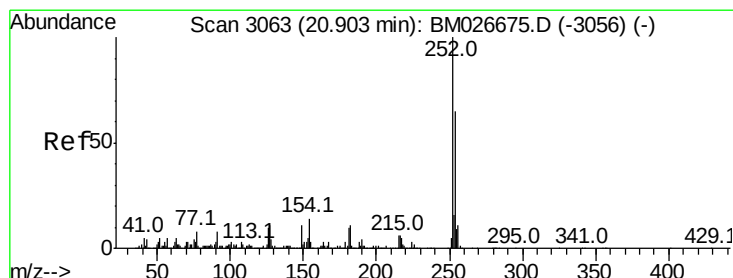
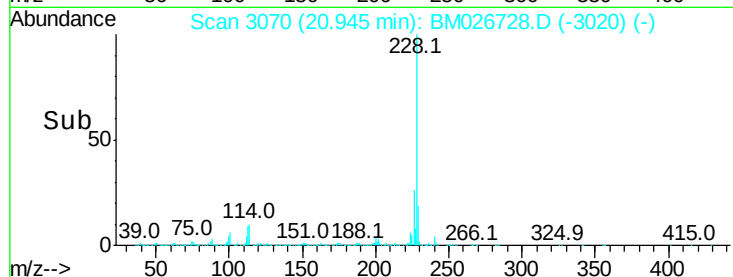
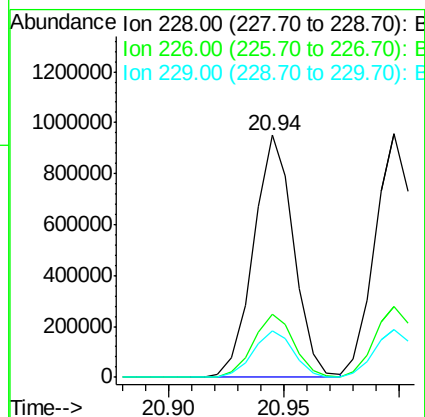
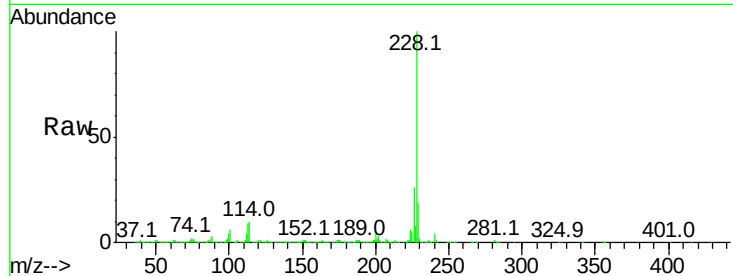
229 19.3 15.6 23.4

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#82

3,3'-Dichlorobenzidine

Concen: 32.140 ng

RT: 20.89 min Scan# 3061

Delta R.T. -0.01 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

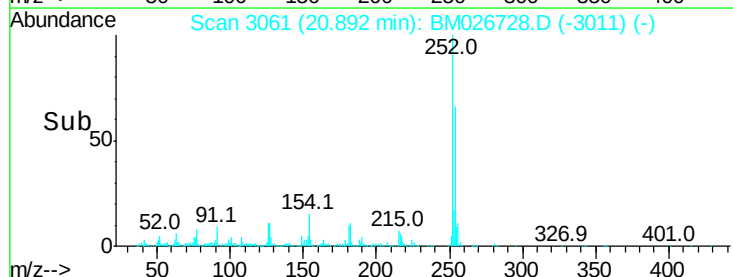
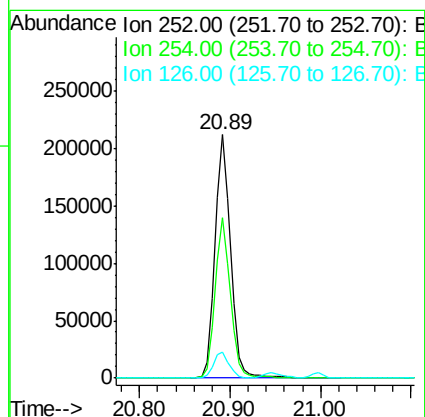
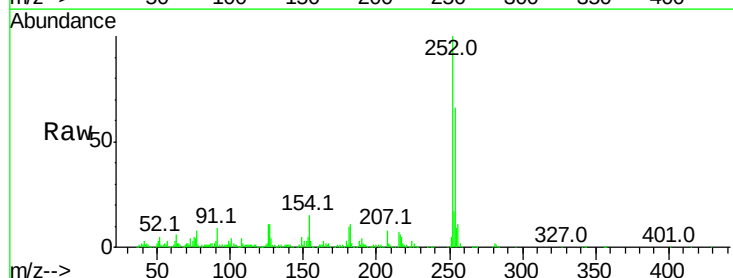
Tgt Ion:252 Resp: 255357

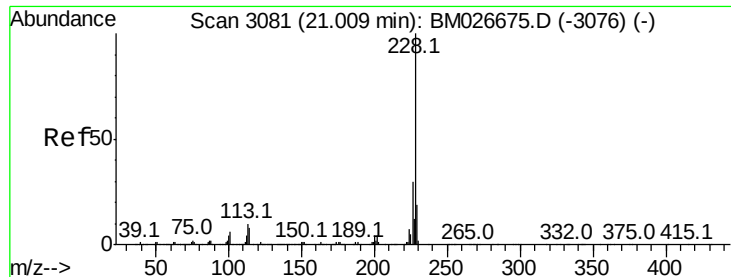
Ion Ratio Lower Upper

252 100

254 65.7 51.9 77.9

126 10.8 8.2 12.2





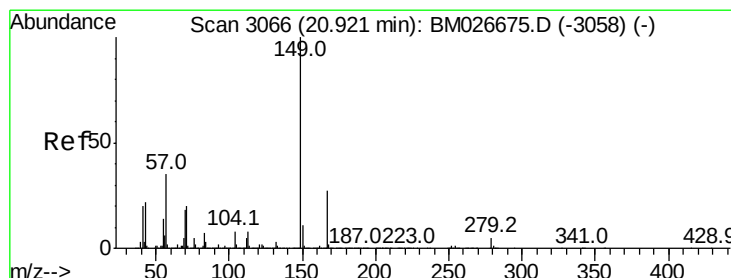
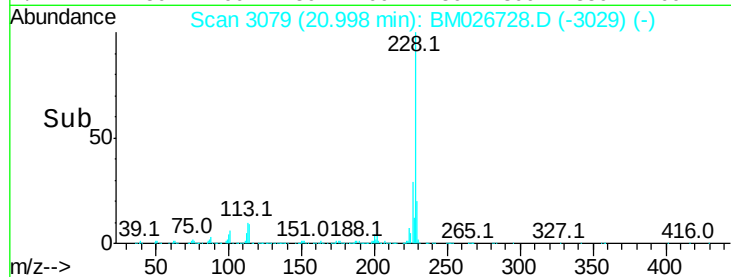
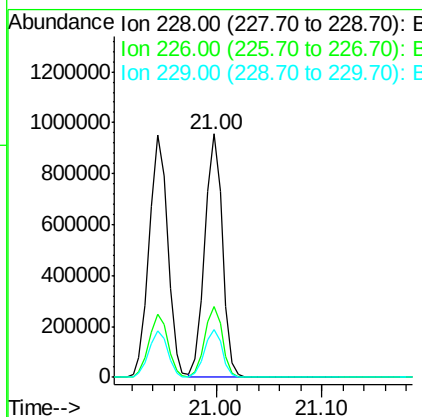
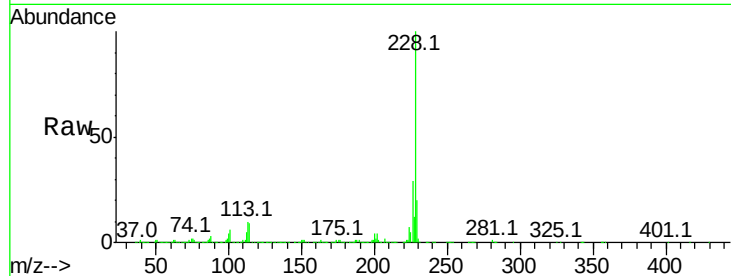
#83  
 Chrysene  
 Concen: 45.676 ng  
 RT: 21.00 min Scan# 3079  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.3  | 23.7  | 35.5  |
| 229     | 19.7  | 15.4  | 23.0  |

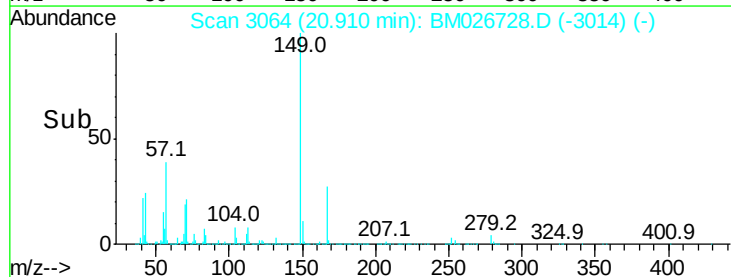
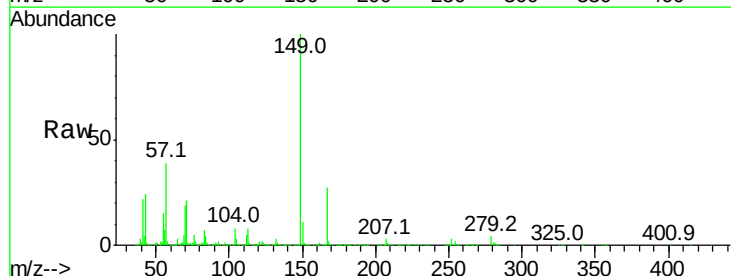
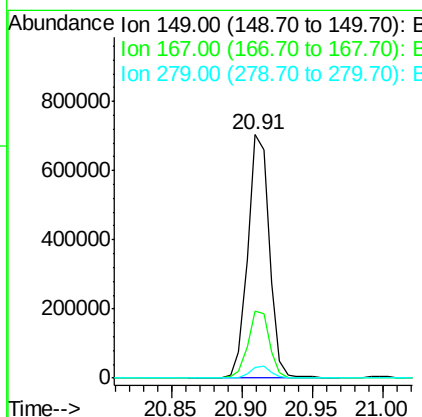
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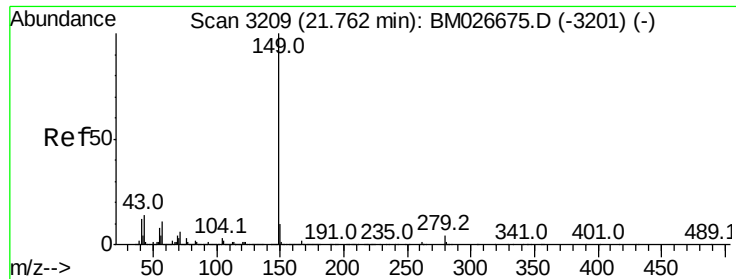
mohammad  
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.698 ng  
 RT: 20.91 min Scan# 3064  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.5  | 21.9  | 32.9  |
| 279     | 4.2   | 3.7   | 5.5   |





#85

Di-n-octyl phthalate

Concen: 46.326 ng

RT: 21.76 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

ClientSampleId :

MUDDY-DRUMMS

Tot Ion:149 Resp: 1336374

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

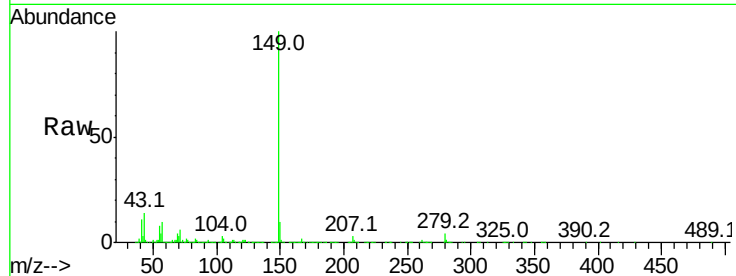
43 14.3 11.2 16.8

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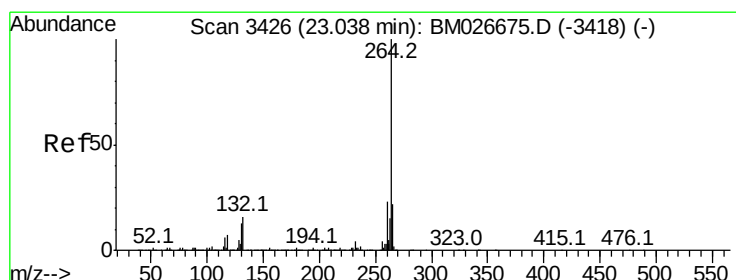
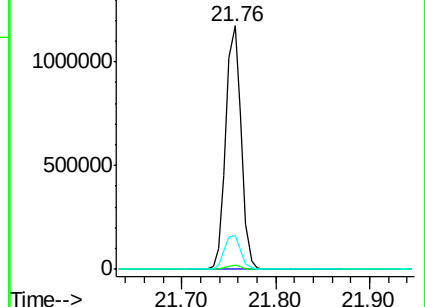
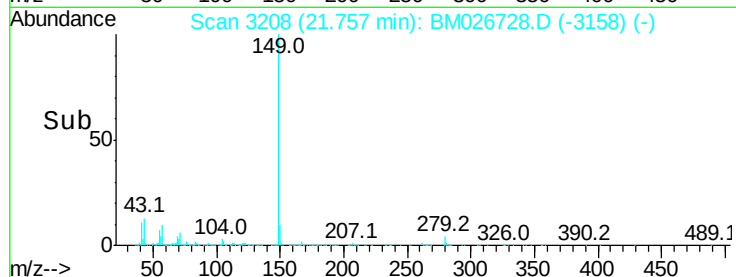
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.03 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

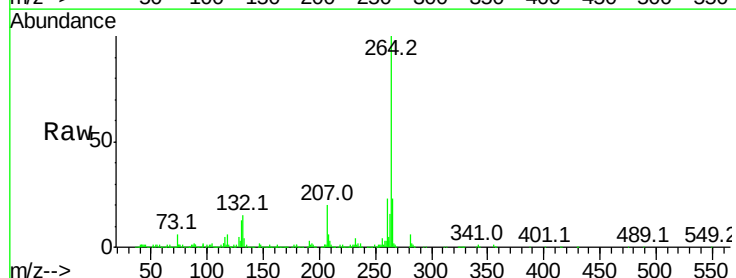
Tgt Ion:264 Resp: 395274

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

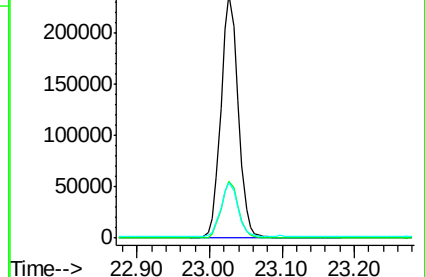
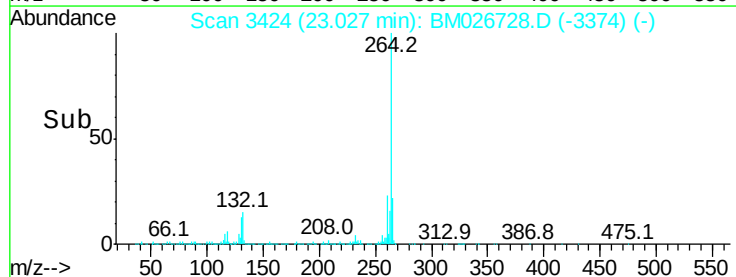
265 22.8 17.6 26.4

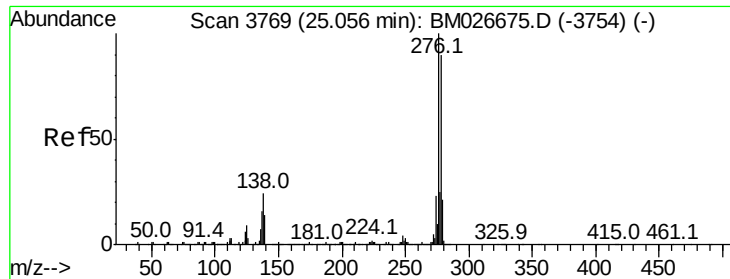


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





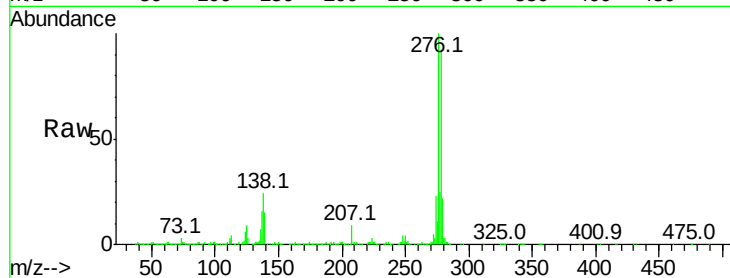
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 53.464 ng  
 RT: 25.04 min Scan# 3766  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MUDDY-DRUMMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.9  | 18.4  | 27.6  |
| 277     | 25.1  | 20.0  | 30.0  |

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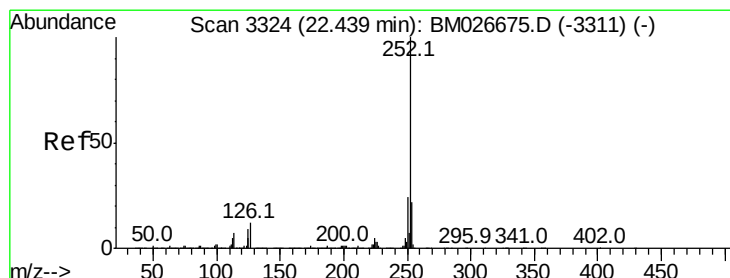
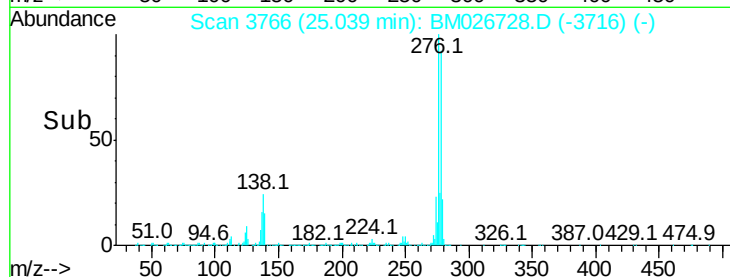
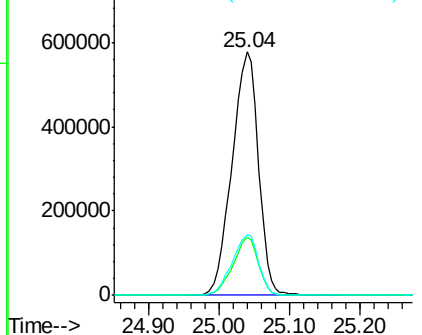


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88  
 Benzo(b)fluoranthene  
 Concen: 47.157 ng  
 RT: 22.43 min Scan# 3322  
 Delta R.T. -0.01 min  
 Lab File: BM026728.D  
 Acq: 10 Jul 2020 11:31

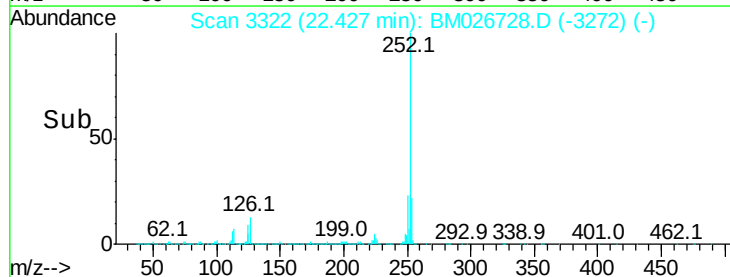
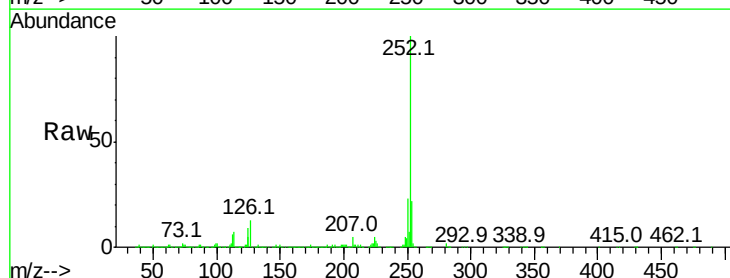
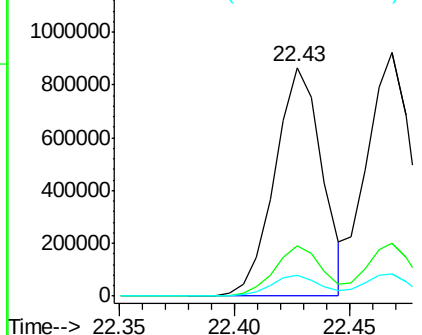
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.5  | 26.3  |
| 125     | 9.0   | 7.5   | 11.3  |

Abundance

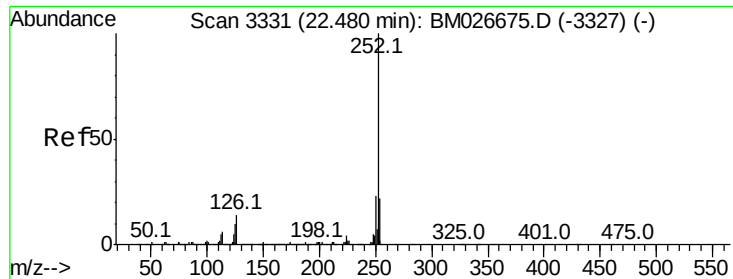
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 49.285 ng

RT: 22.47 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

Instrument :

BNA\_M

ClientSampleId :

MUDDY-DRUMMS

Tot Ion:252 Resp: 1259077

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

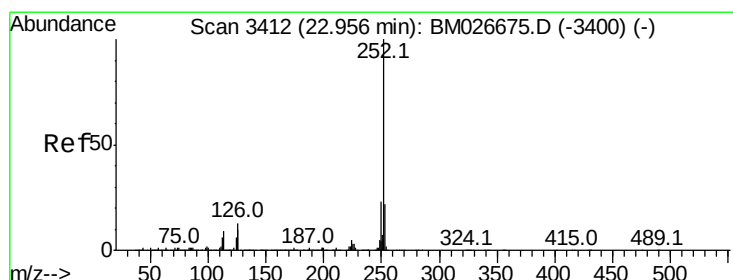
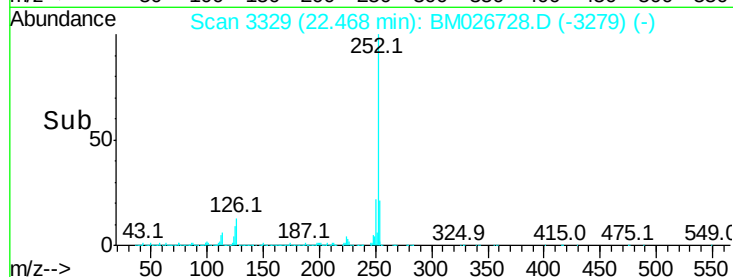
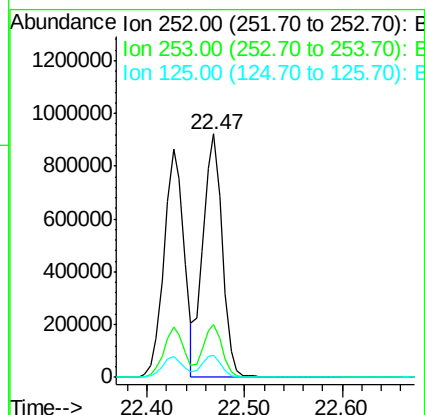
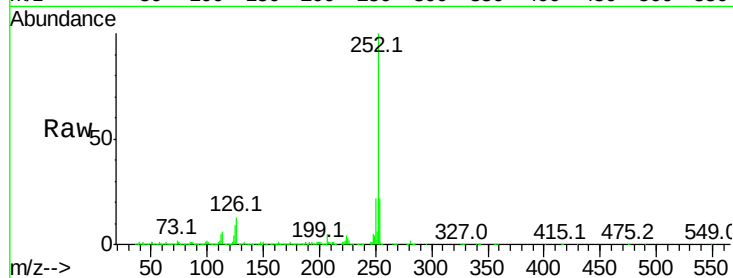
125 8.9 7.8 11.8

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#90

Benzo(a)pyrene

Concen: 47.427 ng

RT: 22.94 min Scan# 3410

Delta R.T. -0.01 min

Lab File: BM026728.D

Acq: 10 Jul 2020 11:31

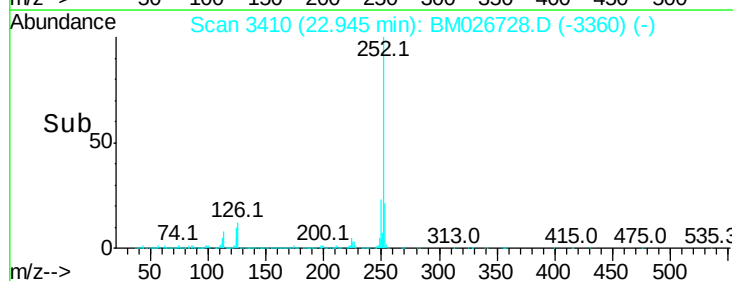
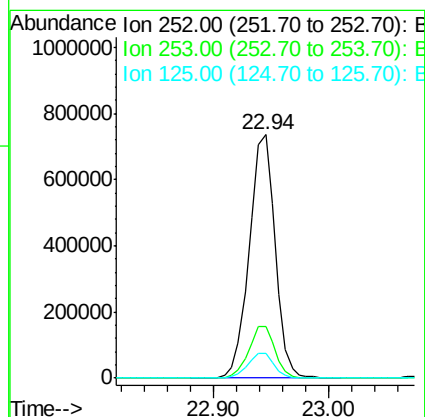
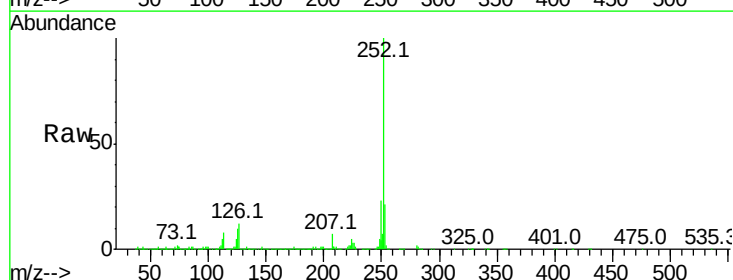
Tgt Ion:252 Resp: 1146696

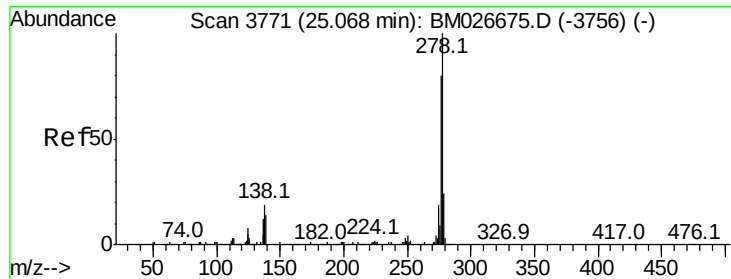
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 9.9 8.2 12.4





#91  
Dibenzo(a,h)anthracene  
Concen: 53.605 ng  
RT: 25.04 min Scan# 3767  
Delta R.T. -0.01 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

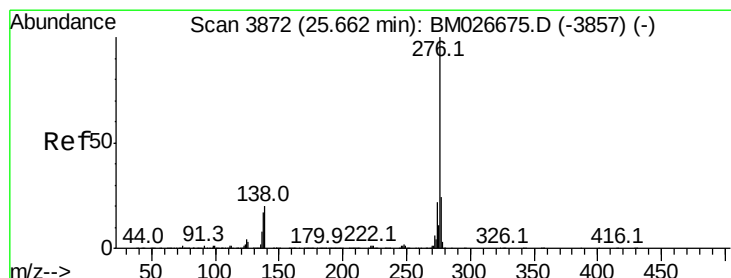
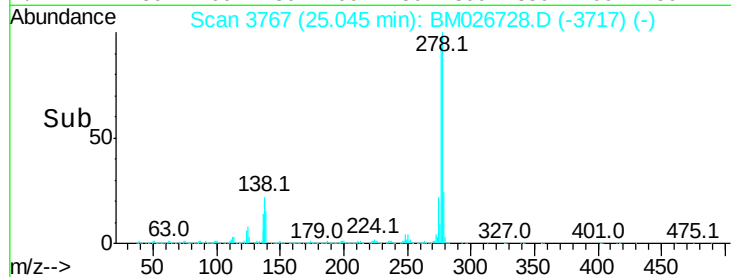
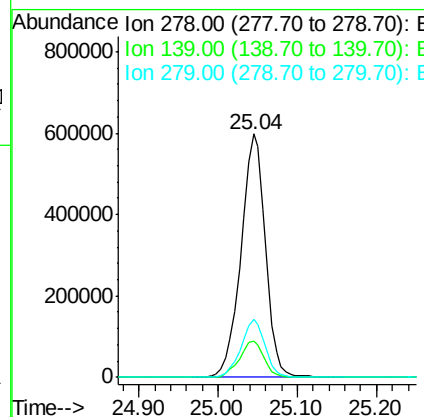
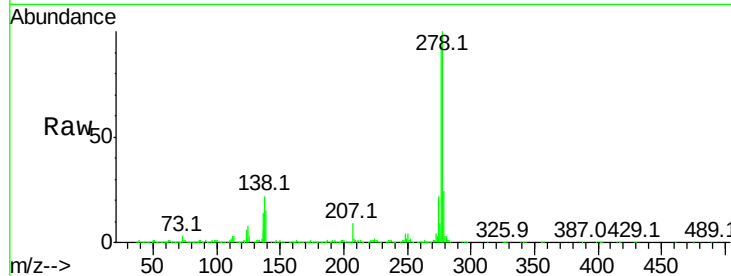
Instrument :  
BNA\_M  
ClientSampleId :  
MUDDY-DRUMMS

Tot Ion:278 Resp: 1273387  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.7  | 11.2  | 16.8  |
| 279 | 23.7  | 19.0  | 28.4  |

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#92  
Benzo(g,h,i)perylene  
Concen: 55.398 ng  
RT: 25.64 min Scan# 3869  
Delta R.T. -0.01 min  
Lab File: BM026728.D  
Acq: 10 Jul 2020 11:31

Tgt Ion:276 Resp: 1212527  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.0  | 19.1  | 28.7  |
| 138 | 19.1  | 15.8  | 23.8  |

