

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\  
 Data File : BM022225.D  
 Acq On : 21 Aug 2019 12:39  
 Operator : HP/JU  
 Sample : K4237-05MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

Manual Integrations  
 APPROVED

Jagrut  
 8/22/2019 2:00:05 PM

Quant Time: Aug 21 14:26:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 20 02:18:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 36059    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.34 | 136  | 146151   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.22 | 164  | 95190    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.99 | 188  | 188482   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.19 | 240  | 159916   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.39 | 264  | 171501   | 20.00 | ng    | 0.00     |

|                             |       |     |        |        |    |      |
|-----------------------------|-------|-----|--------|--------|----|------|
| System Monitoring Compounds |       |     |        |        |    |      |
| 5) 2-Fluorophenol           | 5.18  | 112 | 209745 | 103.65 | ng | 0.00 |
| 7) Phenol-d6                | 6.76  | 99  | 282693 | 104.91 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.74  | 82  | 205812 | 68.49  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.73 | 330 | 158774 | 103.05 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.83 | 172 | 503468 | 66.06  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.63 | 244 | 716998 | 65.33  | ng | 0.00 |

|                                |       |     |        |        |        |      |
|--------------------------------|-------|-----|--------|--------|--------|------|
| Target Compounds               |       |     |        |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 3.17  | 88  | 22865  | 26.969 | ng     | # 76 |
| 3) Pyridine                    | 3.56  | 79  | 55432  | 25.808 | ng     | # 89 |
| 4) n-Nitrosodimethylamine      | 3.49  | 42  | 42731  | 33.207 | ng     | # 62 |
| 6) Aniline                     | 6.92  | 93  | 41940  | 11.625 | ng     | 95   |
| 8) 2-Chlorophenol              | 7.14  | 128 | 81829  | 33.964 | ng     | 98   |
| 9) Benzaldehyde                | 6.74  | 77  | 39747  | 23.276 | ng     | 93   |
| 10) Phenol                     | 6.79  | 94  | 100399 | 35.193 | ng     | 78   |
| 11) bis(2-Chloroethyl)ether    | 7.02  | 93  | 67563  | 29.938 | ng     | 94   |
| 12) 1,3-Dichlorobenzene        | 7.45  | 146 | 86612  | 29.494 | ng     | # 91 |
| 13) 1,4-Dichlorobenzene        | 7.60  | 146 | 89802  | 30.122 | ng     | 96   |
| 14) 1,2-Dichlorobenzene        | 7.91  | 146 | 86710  | 29.863 | ng     | 98   |
| 15) Benzyl Alcohol             | 7.83  | 79  | 73550  | 31.050 | ng     | 92   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.10  | 45  | 91805  | 29.361 | ng     | 99   |
| 17) 2-Methylphenol             | 8.02  | 107 | 66851  | 32.854 | ng     | # 92 |
| 18) Hexachloroethane           | 8.62  | 117 | 39132  | 30.233 | ng     | 92   |
| 19) n-Nitroso-di-n-propylamine | 8.38  | 70  | 63719  | 30.020 | ng     | # 87 |
| 20) 3+4-Methylphenols          | 8.35  | 107 | 89856  | 32.698 | ng     | 91   |
| 22) Acetophenone               | 8.40  | 105 | 122996 | 32.805 | ng     | # 88 |
| 24) Nitrobenzene               | 8.78  | 77  | 103315 | 33.581 | ng     | 92   |
| 25) Isophorone                 | 9.30  | 82  | 171419 | 32.144 | ng     | # 97 |
| 26) 2-Nitrophenol              | 9.47  | 139 | 44510  | 34.155 | ng     | # 72 |
| 27) 2,4-Dimethylphenol         | 9.54  | 122 | 74614  | 37.985 | ng     | 91   |
| 28) bis(2-Chloroethoxy)methane | 9.77  | 93  | 100444 | 31.838 | ng     | 99   |
| 29) 2,4-Dichlorophenol         | 10.00 | 162 | 83097  | 35.056 | ng     | 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.20 | 180 | 92613  | 31.719 | ng     | 98   |
| 31) Naphthalene                | 10.39 | 128 | 249095 | 32.816 | ng     | 98   |
| 33) 4-Chloroaniline            | 10.54 | 127 | 15838  | 4.986  | ng     | # 92 |
| 34) Hexachlorobutadiene        | 10.65 | 225 | 78701  | 31.414 | ng     | 99   |
| 35) Caprolactam                | 11.36 | 113 | 19641m | 30.825 | ng     |      |
| 36) 4-Chloro-3-methylphenol    | 11.66 | 107 | 87444  | 34.900 | ng     | 97   |
| 37) 2-Methylnaphthalene        | 12.01 | 142 | 184761 | 33.301 | ng     | # 93 |
| 38) 1-Methylnaphthalene        | 12.23 | 142 | 174725 | 32.970 | ng     | # 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216 | 127202 | 34.139 | ng     | 98   |
| 41) Hexachlorocyclopentadiene  | 12.34 | 237 | 119568 | 58.075 | ng     | 97   |

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 SB-05(13-14)MS

Manual Integrations  
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Quant Time: Aug 21 14:26:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 20 02:18:05 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,6-Trichlorophenol      | 12.65 | 196  | 74940    | 33.551 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.72 | 196  | 80563    | 35.533 | nq    | # 96     |
| 46) 1,1'-Biphenyl              | 13.05 | 154  | 244273   | 32.630 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.09 | 162  | 193186   | 31.356 | nq    | 95       |
| 48) 2-Nitroaniline             | 13.33 | 65   | 60384    | 31.007 | nq    | # 84     |
| 49) Acenaphthylene             | 13.95 | 152  | 309533   | 32.754 | nq    | 99       |
| 50) Dimethylphthalate          | 13.70 | 163  | 377541   | 47.175 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.83 | 165  | 52598    | 33.280 | nq    | # 55     |
| 52) Acenaphthene               | 14.29 | 154  | 177753   | 32.254 | nq    | 98       |
| 53) 3-Nitroaniline             | 14.17 | 138  | 28965    | 18.403 | nq    | 95       |
| 54) 2,4-Dinitrophenol          | 14.40 | 184  | 10872    | 16.369 | nq    | # 78     |
| 55) Dibenzofuran               | 14.63 | 168  | 301715   | 32.947 | nq    | # 89     |
| 56) 4-Nitrophenol              | 14.49 | 139  | 76841    | 73.252 | nq    | # 51     |
| 57) 2,4-Dinitrotoluene         | 14.64 | 165  | 74210    | 32.707 | nq    | # 62     |
| 58) Fluorene                   | 15.28 | 166  | 242224   | 31.376 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.86 | 232  | 77080    | 34.099 | nq    | # 94     |
| 60) Diethylphthalate           | 15.07 | 149  | 271086   | 32.122 | nq    | 96       |
| 61) 4-Chlorophenyl-phenylether | 15.28 | 204  | 152292   | 31.301 | nq    | 96       |
| 62) 4-Nitroaniline             | 15.35 | 138  | 43278    | 29.709 | nq    | # 47     |
| 63) Azobenzene                 | 15.57 | 77   | 266268   | 32.742 | nq    | 84       |
| 65) 4,6-Dinitro-2-methylphenol | 15.40 | 198  | 29600    | 27.301 | nq    | 85       |
| 66) n-Nitrosodiphenylamine     | 15.50 | 169  | 202722   | 33.543 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.18 | 248  | 91706    | 32.834 | nq    | 95       |
| 68) Hexachlorobenzene          | 16.28 | 284  | 97878    | 30.846 | nq    | # 84     |
| 69) Atrazine                   | 16.47 | 200  | 76959    | 38.455 | nq    | 97       |
| 70) Pentachlorophenol          | 16.64 | 266  | 94414    | 61.157 | nq    | 99       |
| 71) Phenanthrene               | 17.03 | 178  | 349829   | 32.006 | nq    | 99       |
| 72) Anthracene                 | 17.12 | 178  | 350349   | 32.290 | nq    | 99       |
| 73) Carbazole                  | 17.41 | 167  | 283483   | 31.311 | nq    | 98       |
| 74) Di-n-butylphthalate        | 17.96 | 149  | 411253   | 29.938 | nq    | # 97     |
| 75) Fluoranthene               | 19.06 | 202  | 391028   | 29.666 | nq    | 98       |
| 77) Benzidine                  | 19.27 | 184  | 111913   | 31.201 | nq    | 99       |
| 78) Pyrene                     | 19.42 | 202  | 387813   | 34.453 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.33 | 149  | 155630   | 30.912 | nq    | 87       |
| 81) Benzo(a)anthracene         | 21.18 | 228  | 350909   | 31.202 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.12 | 252  | 101346   | 25.846 | nq    | 99       |
| 83) Chrysene                   | 21.23 | 228  | 341581   | 31.464 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.10 | 149  | 235918   | 31.159 | nq    | # 92     |
| 85) Di-n-octyl phthalate       | 21.97 | 149  | 364557   | 29.747 | nq    | # 93     |
| 86) Indeno(1,2,3-cd)pyrene     | 25.59 | 276  | 423900   | 34.858 | nq    | 97       |
| 88) Benzo(b)fluoranthene       | 22.73 | 252  | 353600m  | 30.878 | nq    |          |
| 89) Benzo(k)fluoranthene       | 22.78 | 252  | 343468   | 30.684 | nq    | 99       |
| 90) Benzo(a)pyrene             | 23.30 | 252  | 338836   | 32.490 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.59 | 278  | 361047   | 32.582 | nq    | # 97     |
| 92) Benzo(g,h,i)perylene       | 26.26 | 276  | 333184   | 34.392 | nq    | # 96     |

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

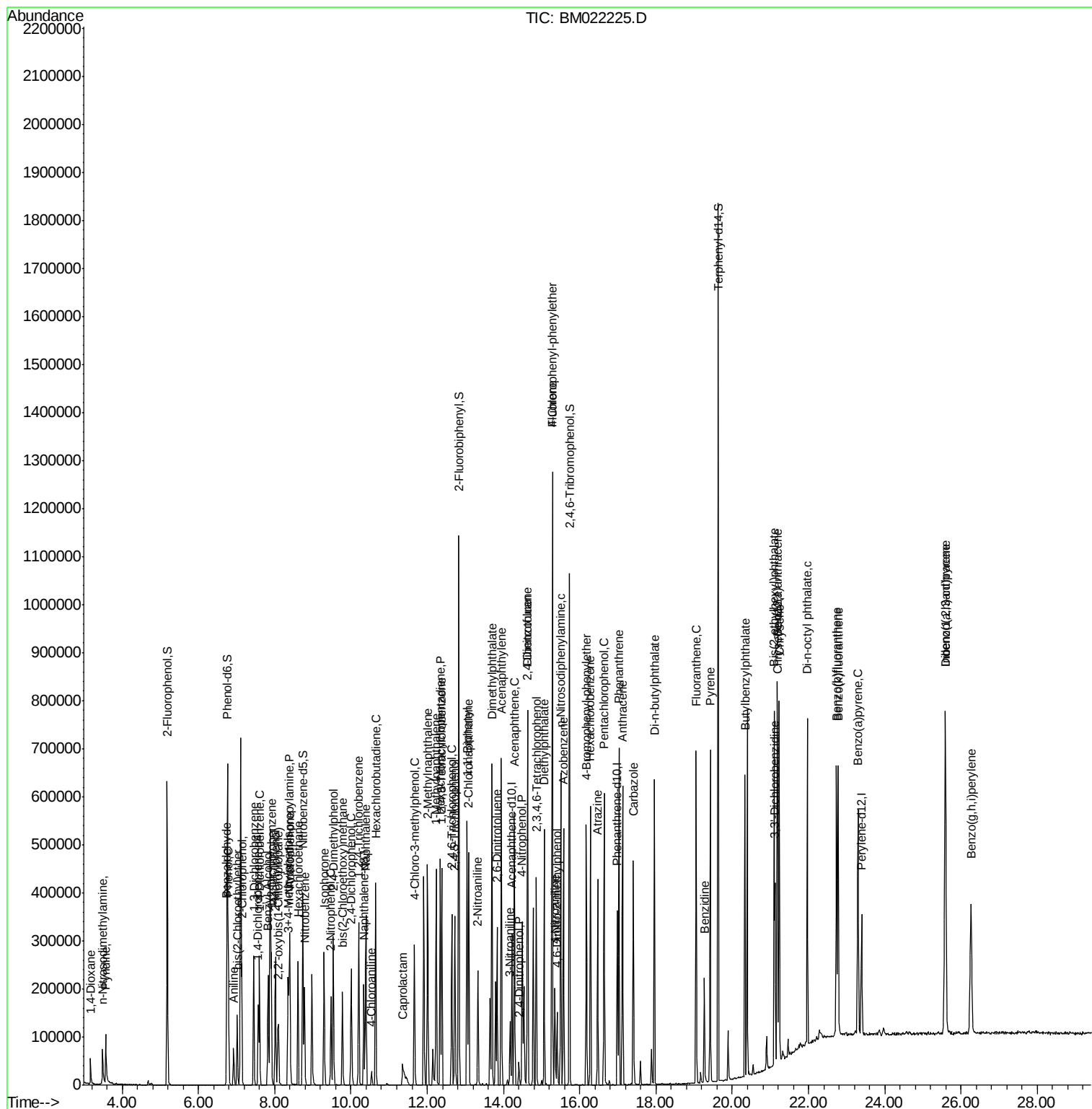
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\  
Data File : BM022225.D  
Acq On : 21 Aug 2019 12:39  
Operator : HP/JU  
Sample : K4237-05MS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

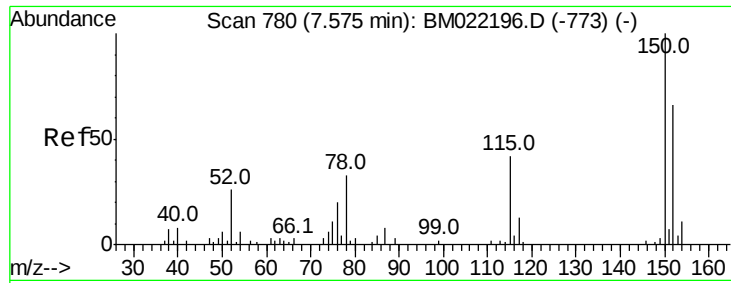
Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

Manual Integrations  
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8/22/2019 2:00:05 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 20 02:18:05 2019  
Response via : Initial Calibration





#1

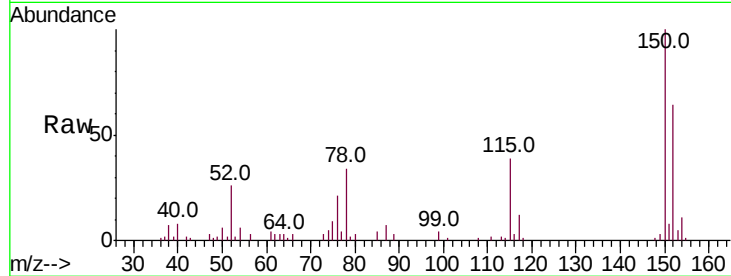
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.57 min Scan# 779  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.4 | 123.1 | 184.7 |
| 115     | 60.5  | 44.2  | 66.4  |

Manual Integrations  
APPROVED

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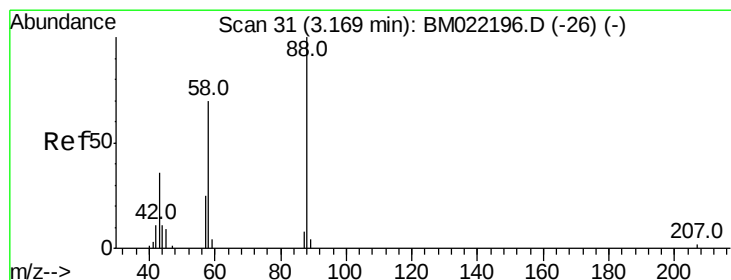
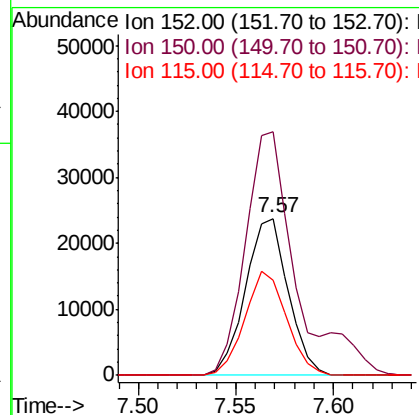
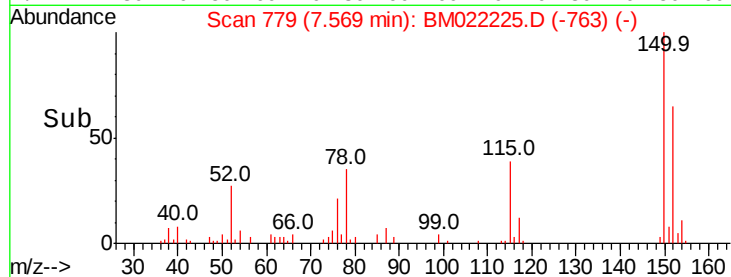


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

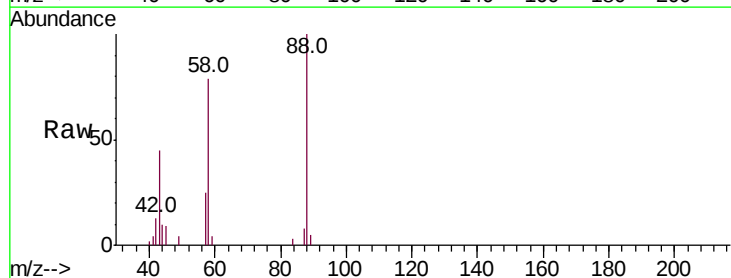
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 26.969 ng  
RT: 3.17 min Scan# 31  
Delta R.T. 0.00 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 80.0  | 51.9  | 77.9# |
| 43      | 44.5  | 21.4  | 32.2# |

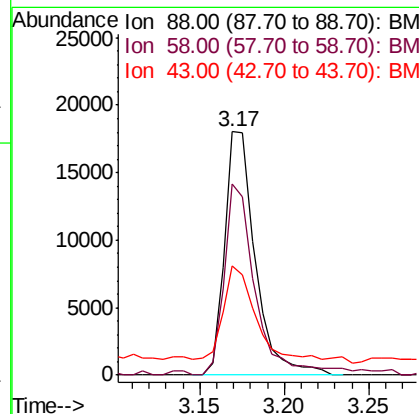
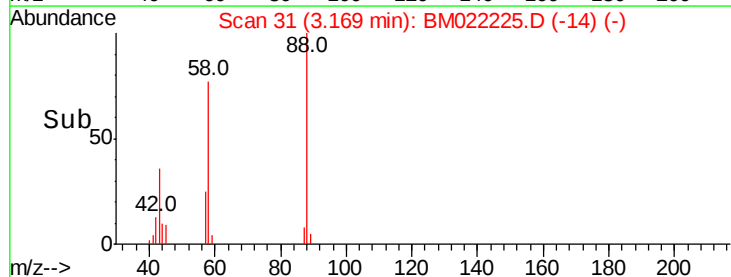


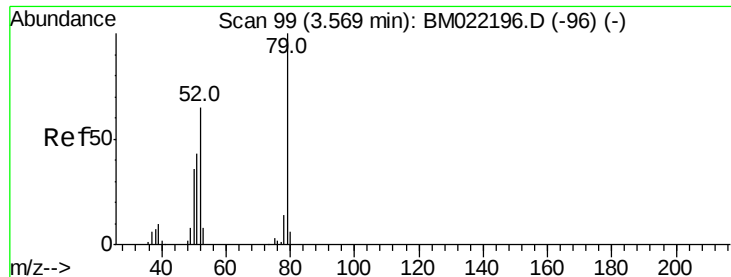
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 25.808 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA\_M

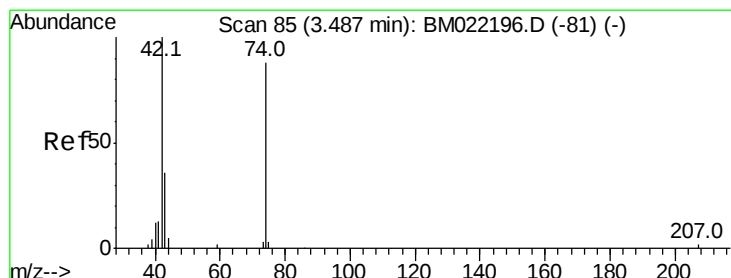
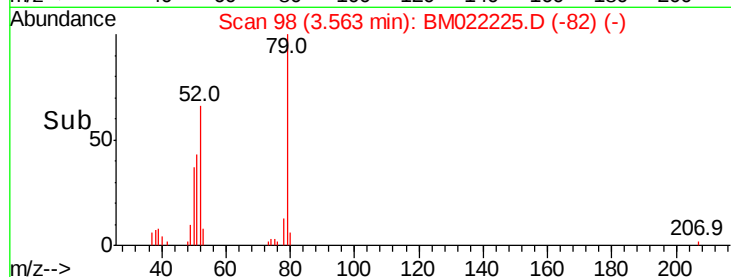
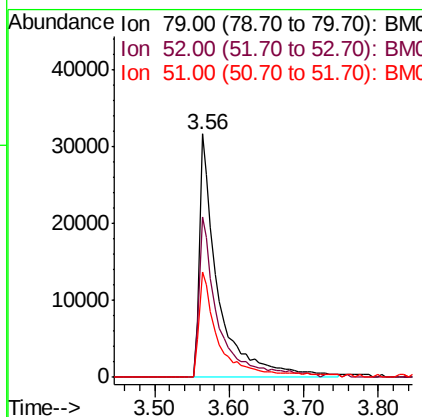
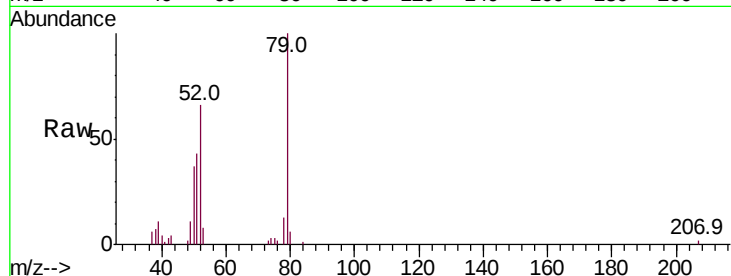
ClientSampleId :

SB-05(13-14)MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 55432 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 65.9  | 48.8  | 73.2  |
| 51        | 43.1  | 25.7  | 38.5# |

Manual Integrations  
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8/22/2019 2:00:05 PM



#4

n-Nitrosodimethylamine

Concen: 33.207 ng

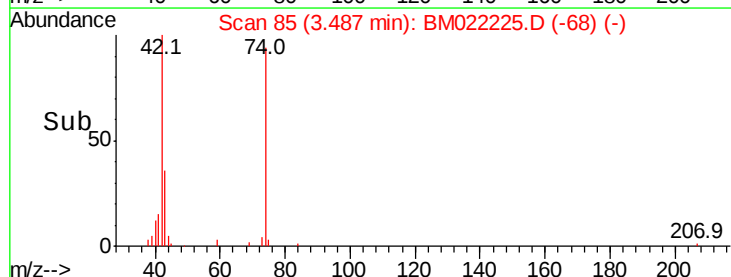
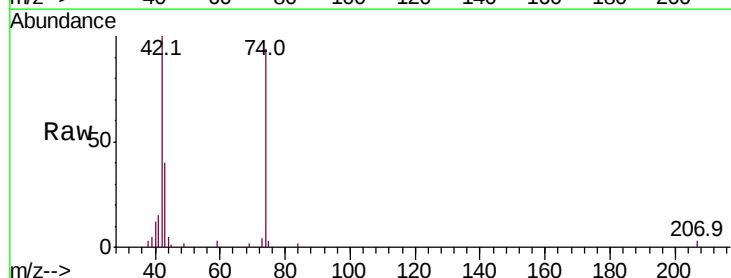
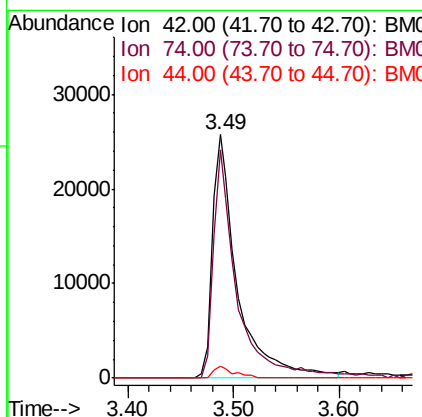
RT: 3.49 min Scan# 85

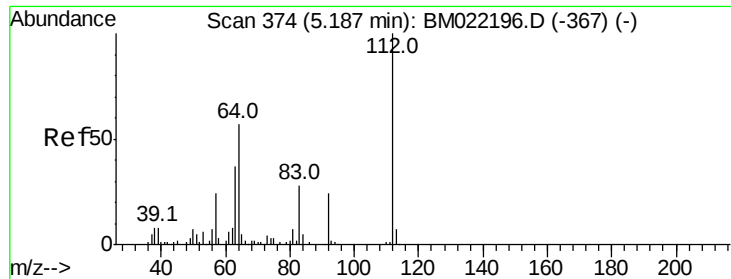
Delta R.T. 0.00 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 42731  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 93.6  | 113.8 | 170.6# |
| 44        | 5.0   | 8.2   | 12.2#  |





#5

2-Fluorophenol

Concen: 103.653 ng

RT: 5.18 min Scan# 373

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA\_M

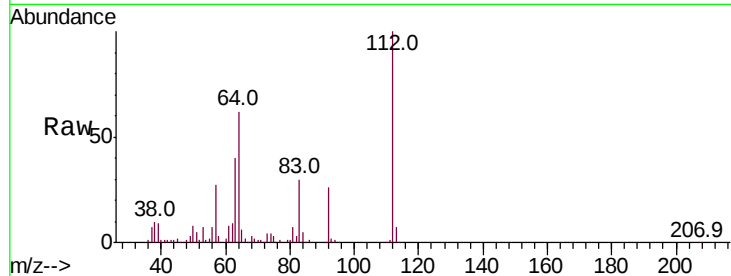
ClientSampleId :

SB-05(13-14)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 209745 |       |       |
| 64      | 62.2  | 45.2   | 67.8  |       |
| 63      | 40.2  | 23.5   | 35.3  |       |

Manual Integrations  
APPROVED

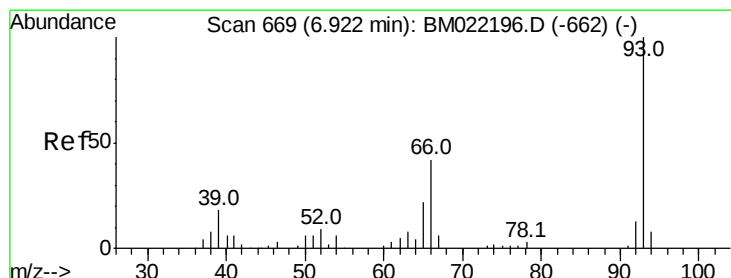
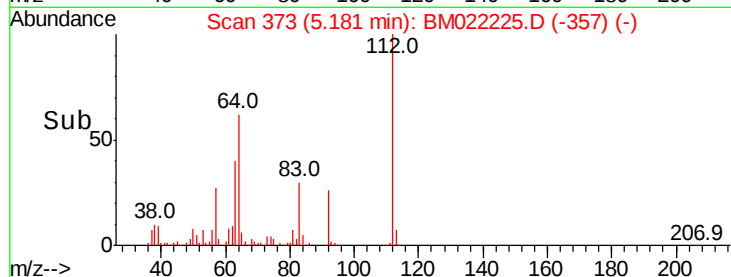
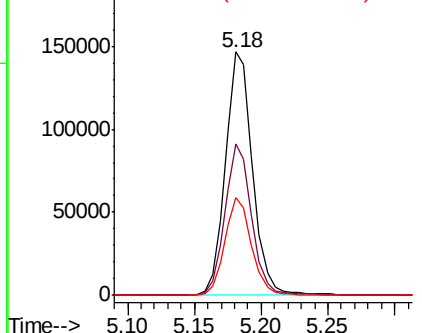
Jagrut  
8/22/2019 2:00:05 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 11.625 ng

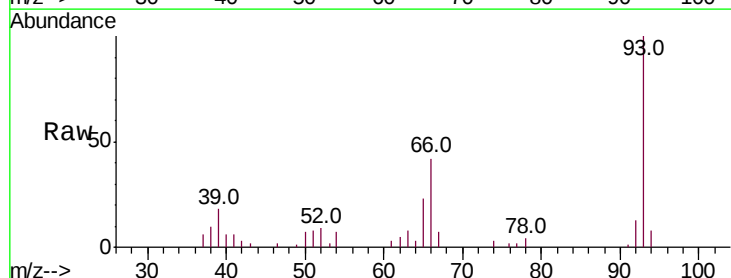
RT: 6.92 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

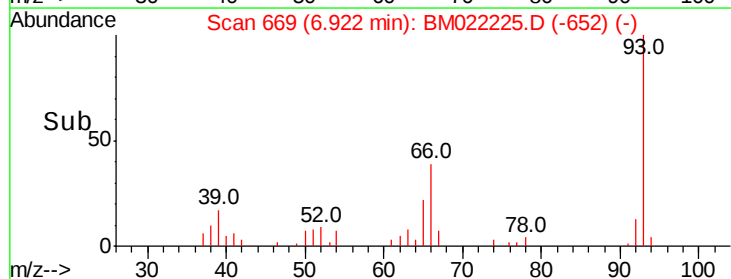
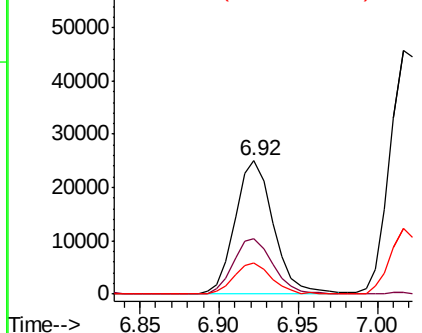
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 41940 |       |       |
| 66      | 41.8  | 31.3  | 46.9  |       |
| 65      | 23.2  | 15.9  | 23.9  |       |

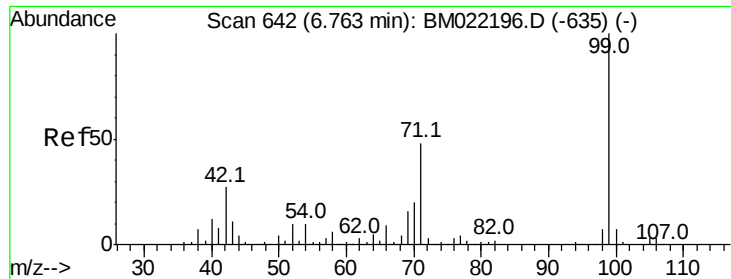


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 104.907 ng

RT: 6.76 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA\_M

ClientSampleId :

SB-05(13-14)MS

Tot Ion: 99 Resp: 282693

Ion Ratio Lower Upper

99 100

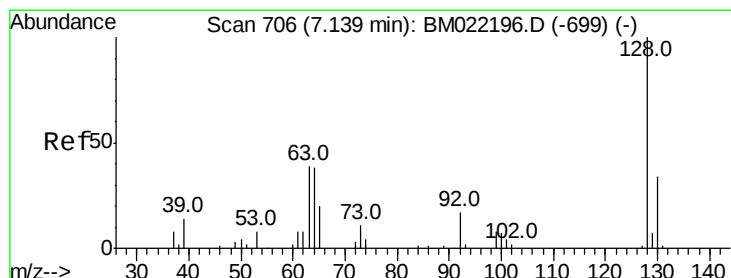
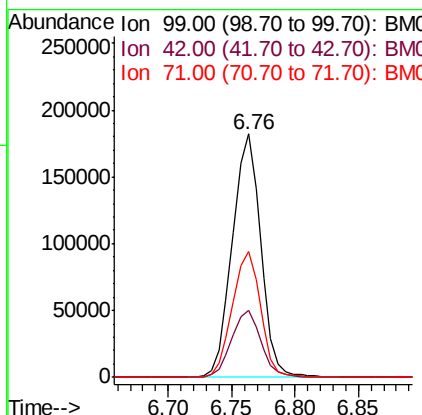
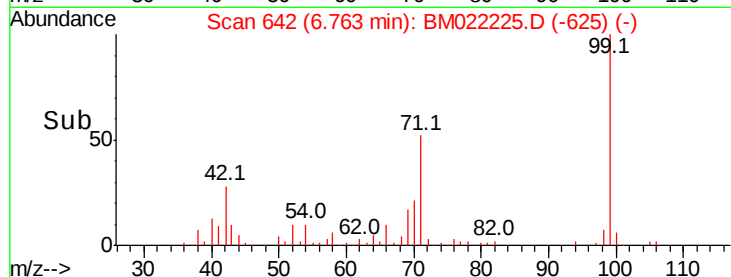
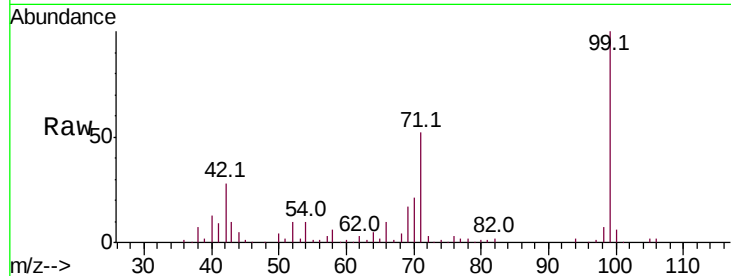
42 27.7 13.5 20.3#

71 51.9 29.3 43.9#

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#8

2-Chlorophenol

Concen: 33.964 ng

RT: 7.14 min Scan# 706

Delta R.T. 0.00 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

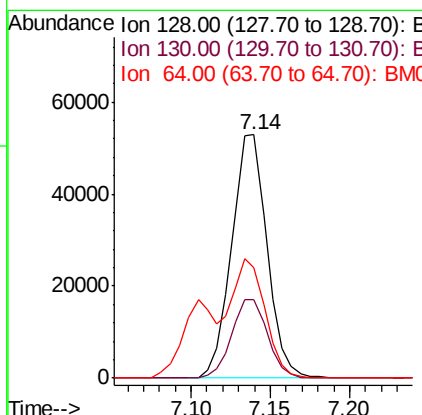
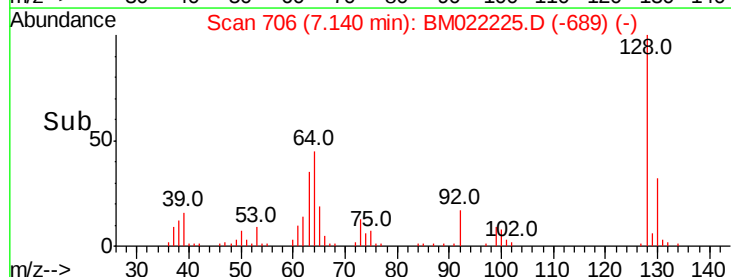
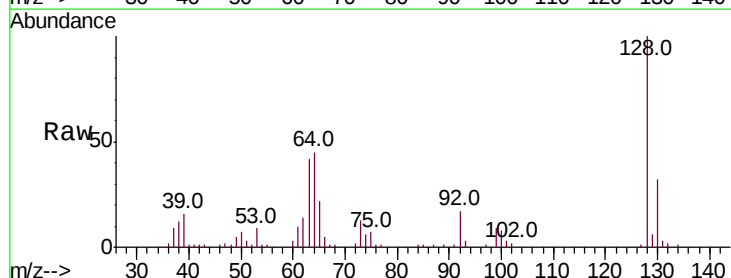
Tgt Ion: 128 Resp: 81829

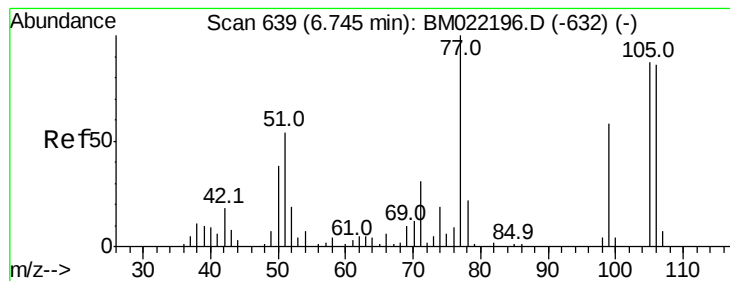
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 45.2 23.2 63.2





#9

Benzaldehyde

Concen: 23.276 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA\_M

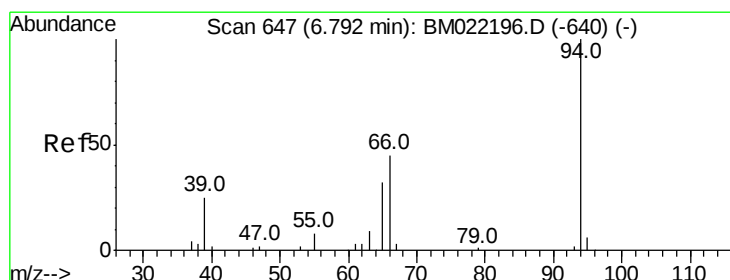
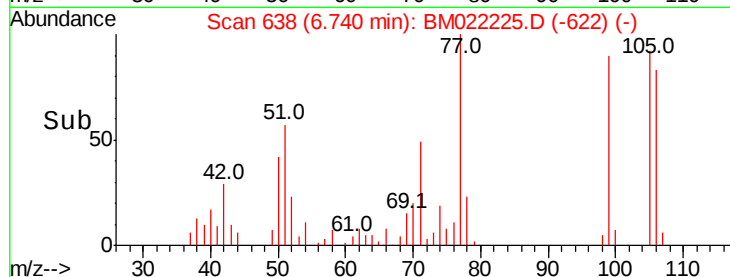
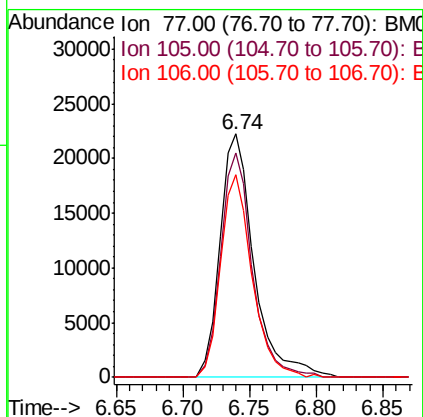
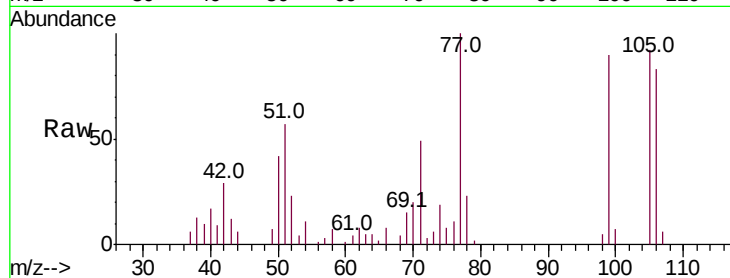
ClientSampleId :

SB-05(13-14)MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 39747 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 92.0  | 77.8  | 117.8 |
| 106      | 83.0  | 71.8  | 111.8 |

Manual Integrations  
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#10

Phenol

Concen: 35.193 ng

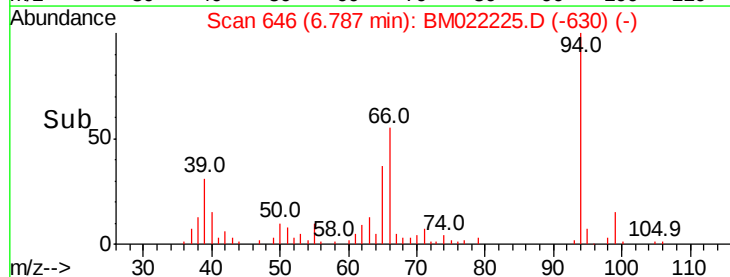
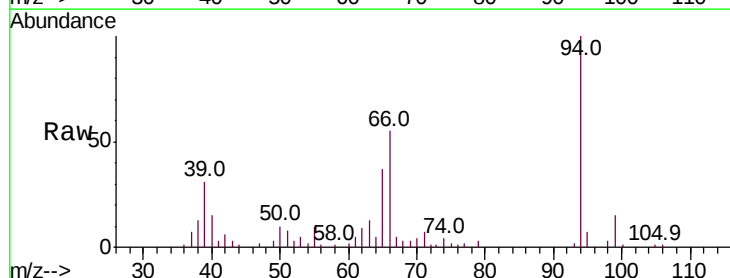
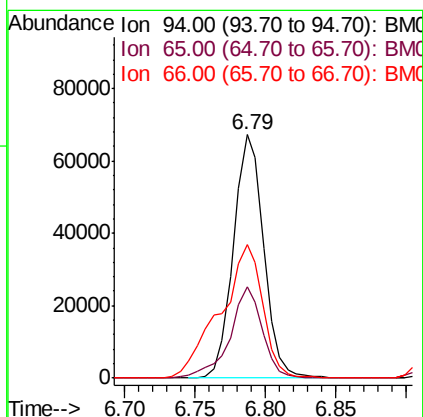
RT: 6.79 min Scan# 646

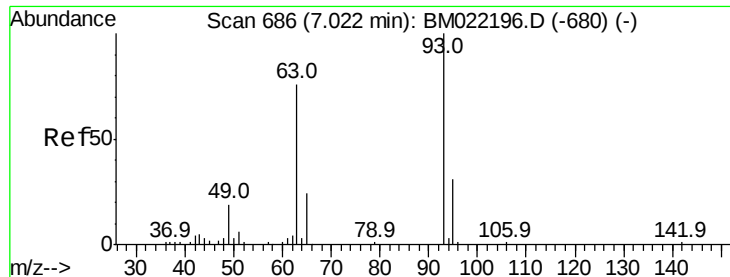
Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 100399 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 37.4  | 8.7   | 48.7   |
| 66       | 54.6  | 19.0  | 59.0   |





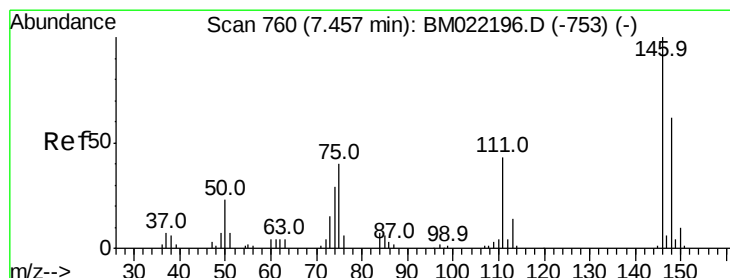
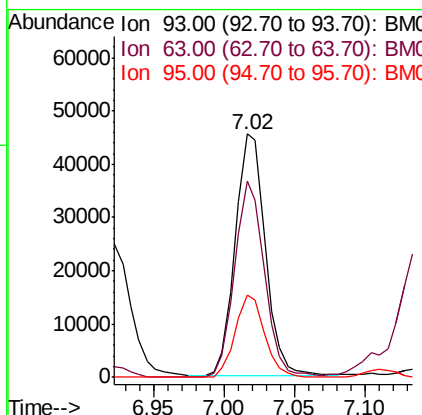
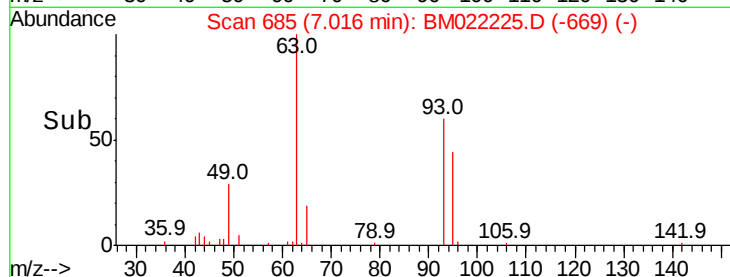
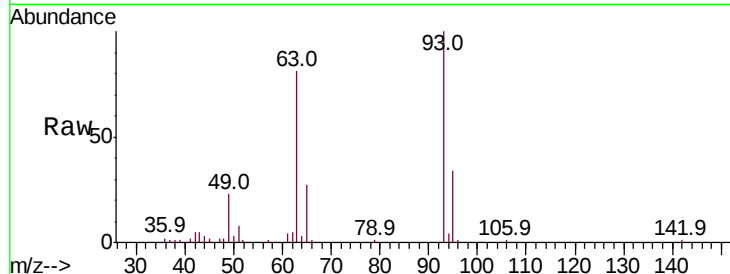
#11  
bis(2-Chloroethyl)ether  
Concen: 29.938 ng  
RT: 7.02 min Scan# 685  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 80.8  | 53.4  | 93.4  |
| 95      | 33.6  | 13.0  | 53.0  |

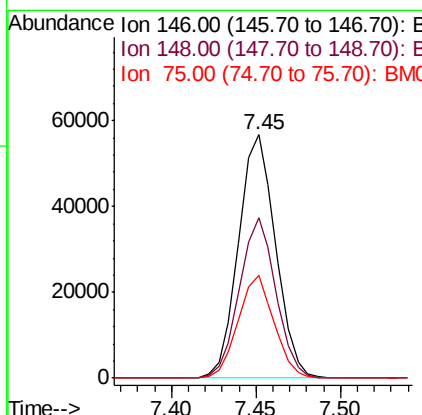
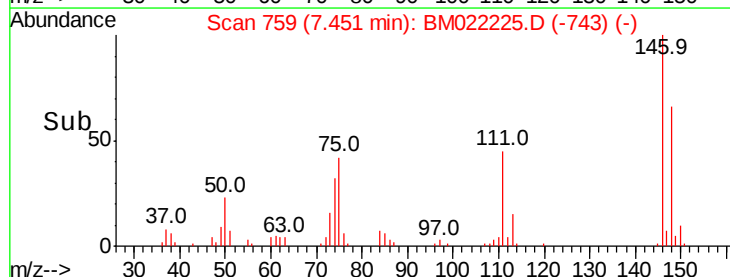
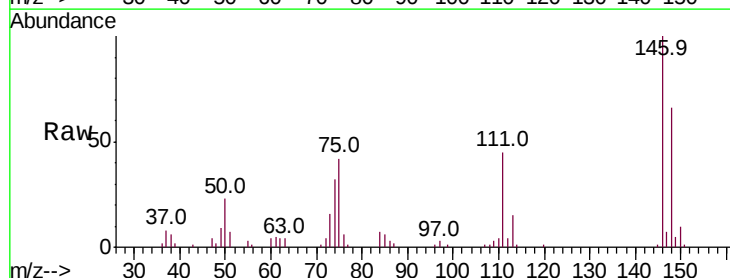
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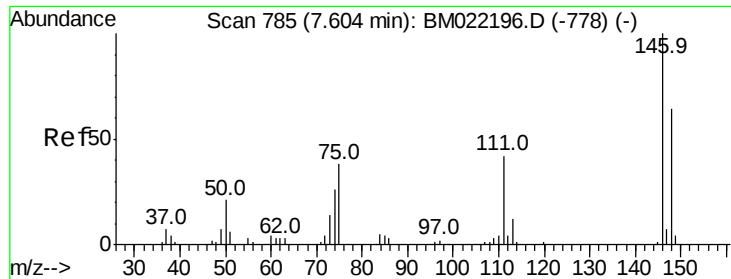
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8/22/2019 2:00:05 PM



#12  
1,3-Dichlorobenzene  
Concen: 29.494 ng  
RT: 7.45 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.7  | 52.2  | 78.2  |
| 75      | 42.2  | 22.2  | 33.4# |





#13

1,4-Dichlorobenzene

Concen: 30.122 ng

RT: 7.60 min Scan# 784

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA\_M

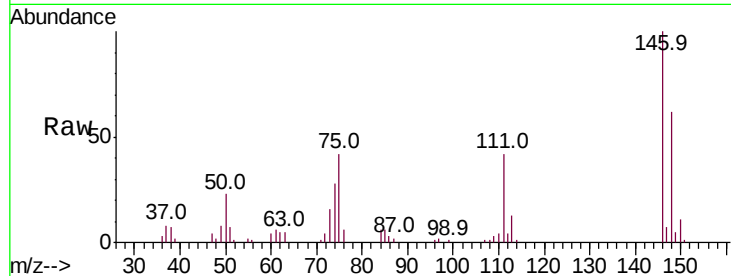
ClientSampleId :

SB-05(13-14)MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 89802 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 61.8  | 51.9  | 77.9  |
| 111       | 42.2  | 31.4  | 47.0  |

Manual Integrations  
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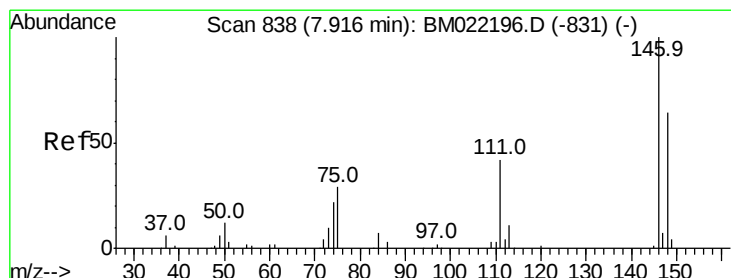
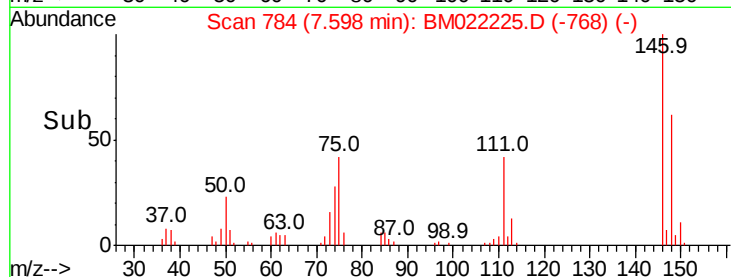
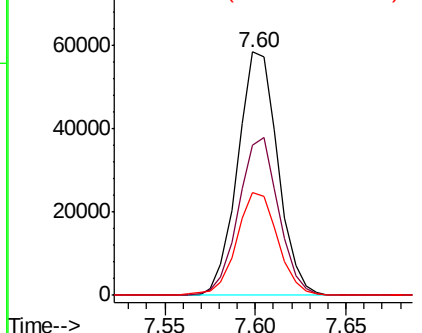


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 29.863 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

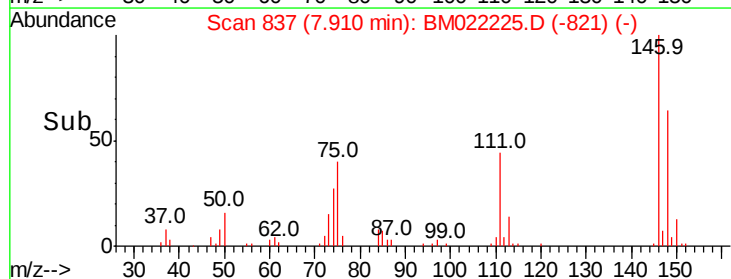
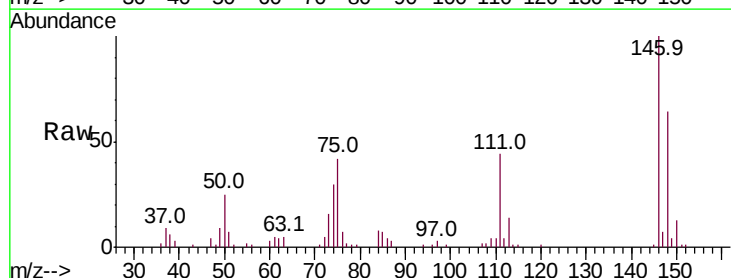
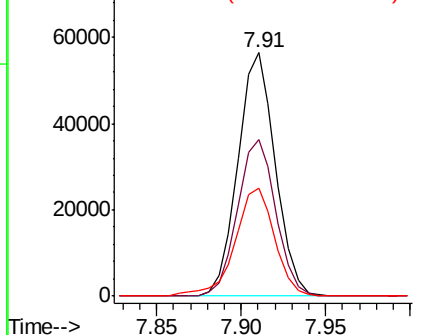
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 86710 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 64.5  | 51.2  | 76.8  |
| 111       | 44.1  | 32.8  | 49.2  |

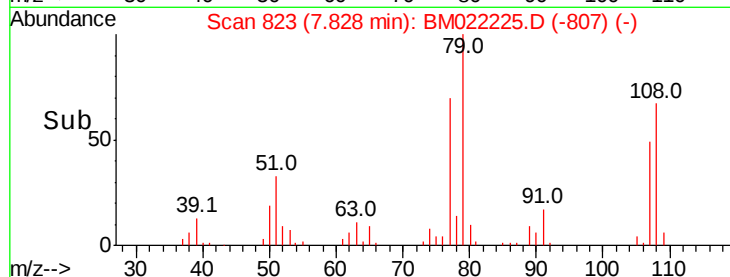
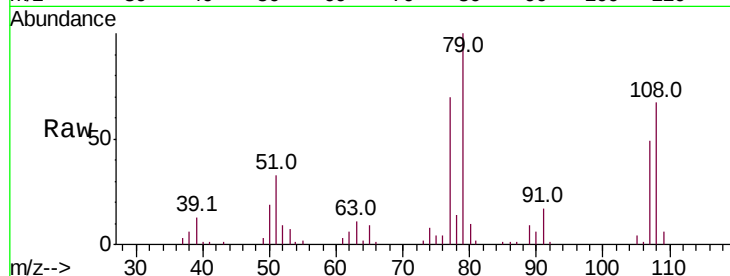
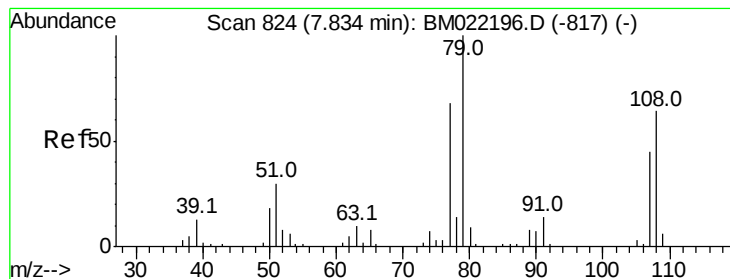
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.050 ng

RT: 7.83 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 73550 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 67.2  | 58.4  | 87.6  |
| 77        | 69.6  | 50.1  | 75.1  |

Instrument :

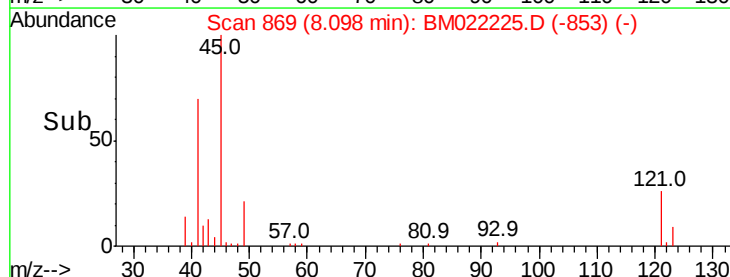
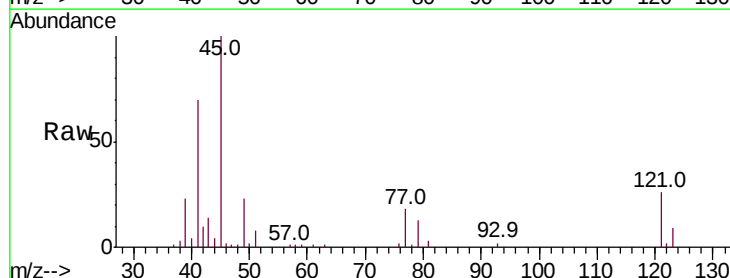
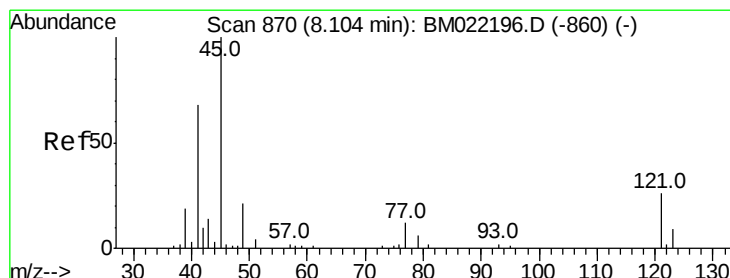
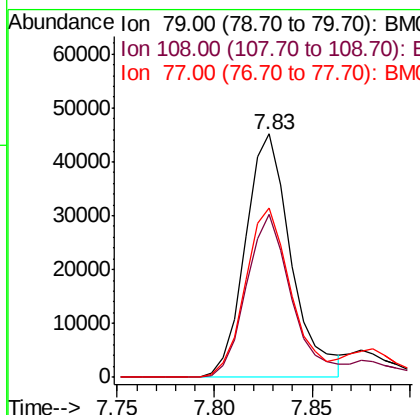
BNA\_M

ClientSampleId :

SB-05(13-14)MS

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.361 ng

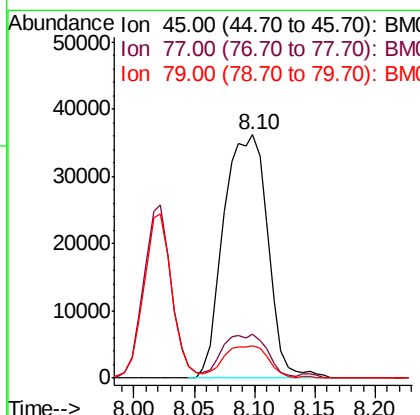
RT: 8.10 min Scan# 869

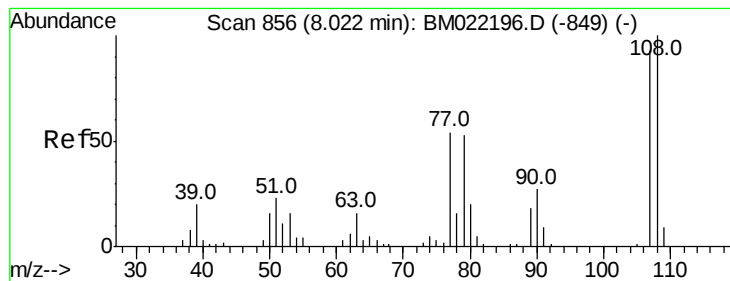
Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 91805 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 18.2  | 0.0   | 37.5  |
| 79        | 13.3  | 0.0   | 33.5  |





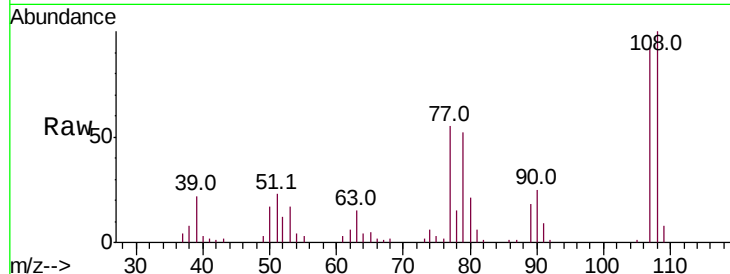
#17  
2-Methylphenol  
Concen: 32.854 ng  
RT: 8.02 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 108.7 | 87.5  | 131.3 |
| 77      | 60.0  | 37.8  | 56.8# |
| 79      | 57.0  | 37.5  | 56.3# |

Manual Integrations  
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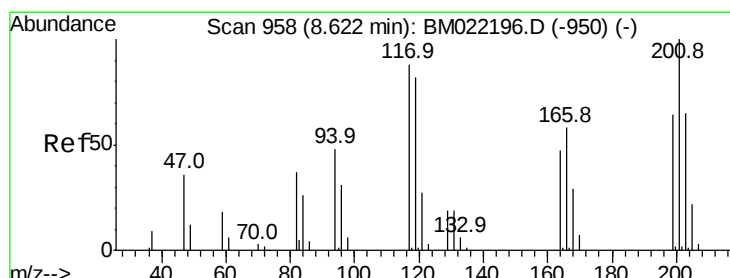
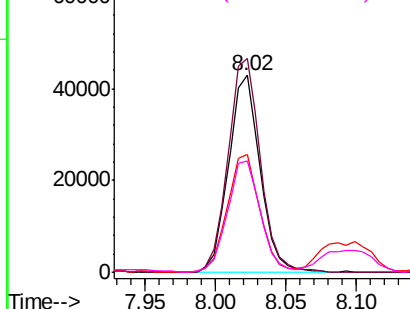
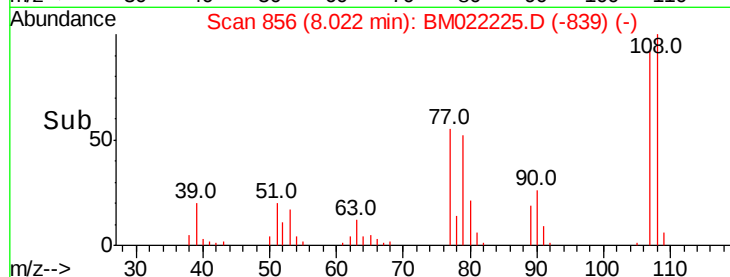
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

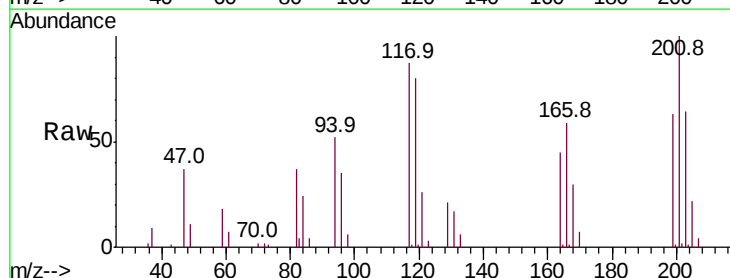
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18  
Hexachloroethane  
Concen: 30.233 ng  
RT: 8.62 min Scan# 957  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.2  | 77.5  | 116.3 |
| 201     | 115.2 | 102.3 | 153.5 |

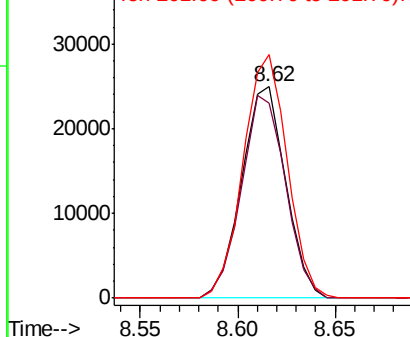
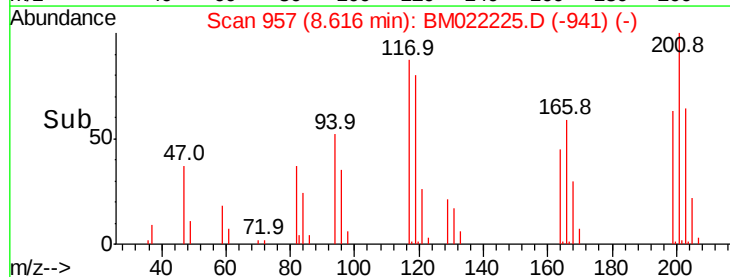


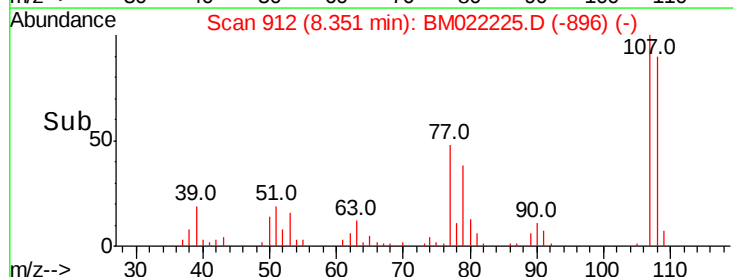
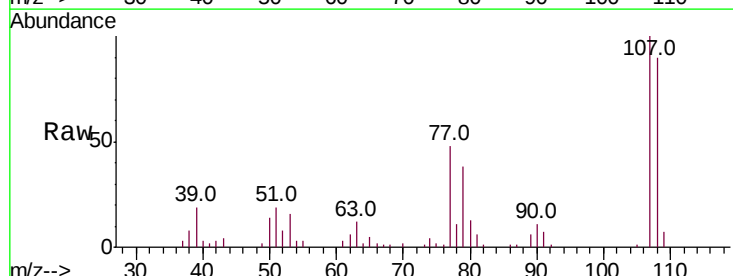
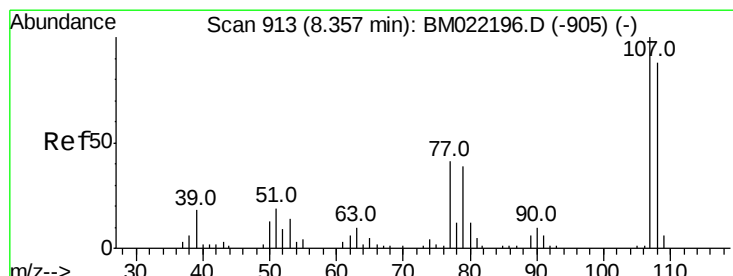
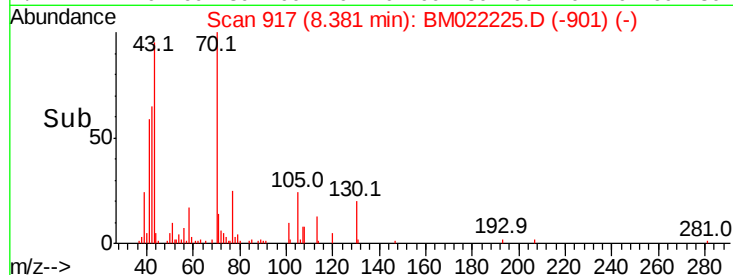
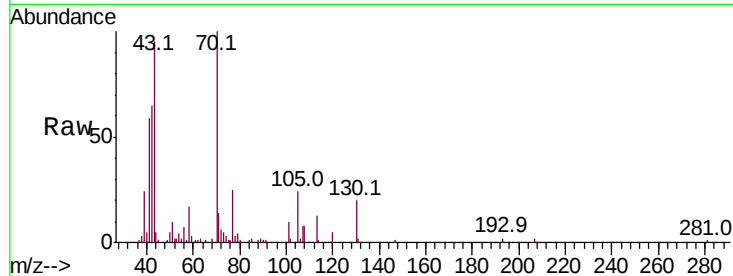
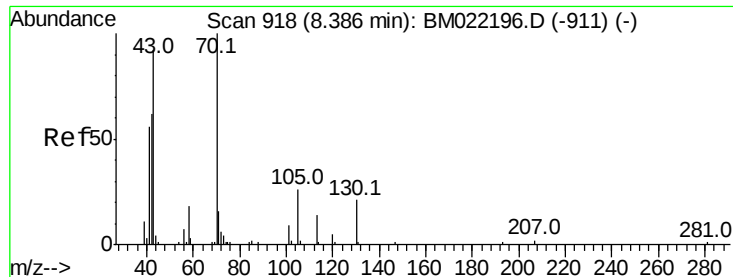
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

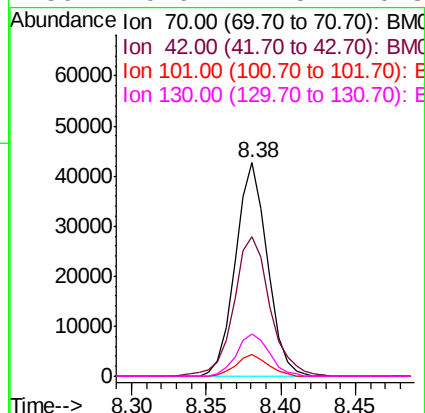
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 30.020 ng  
RT: 8.38 min Scan# 917  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 65.5 | 41.9  | 62.9# |       |
| 101     | 9.9  | 8.1   | 12.1  |       |
| 130     | 19.9 | 17.5  | 26.3  |       |



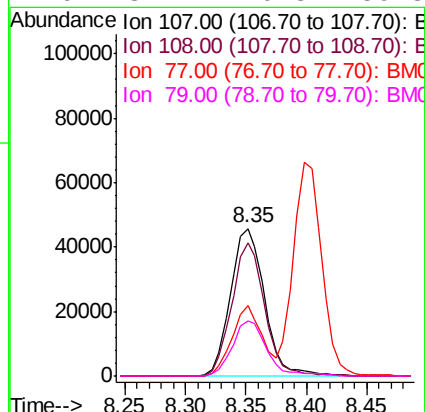
Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

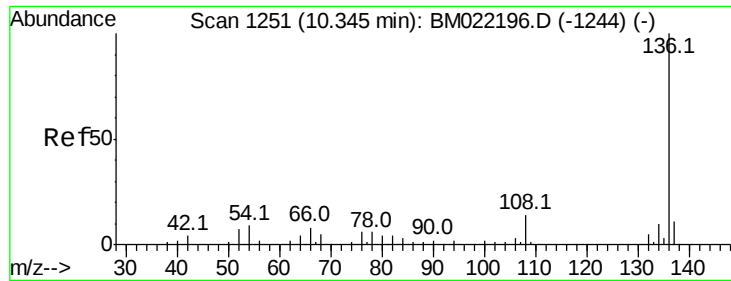
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 32.698 ng  
RT: 8.35 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 90.4 | 67.9  | 107.9 |       |
| 77      | 47.5 | 14.6  | 54.6  |       |
| 79      | 37.7 | 10.8  | 50.8  |       |





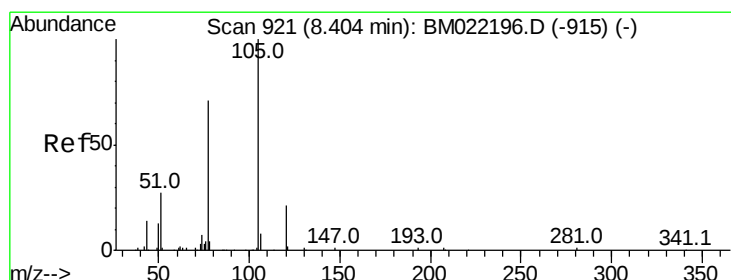
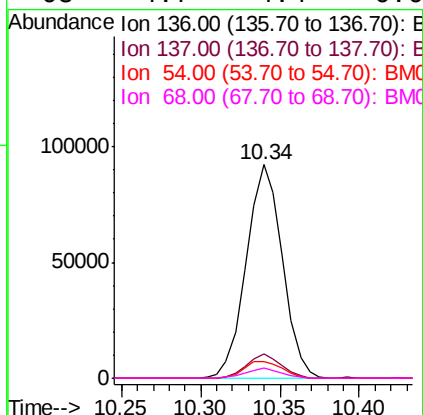
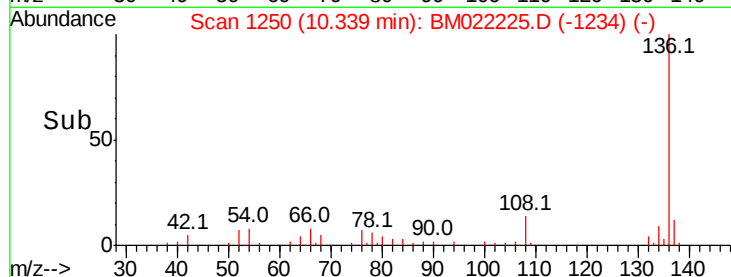
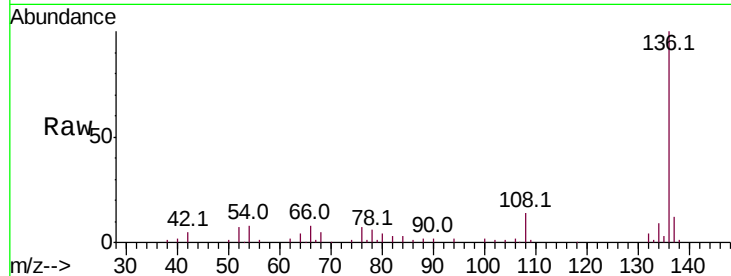
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.34 min Scan# 1250  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 146151 |       |       |
| 137     | 11.6  | 8.6    | 13.0  |       |
| 54      | 8.0   | 5.3    | 7.9   |       |
| 68      | 4.7   | 4.4    | 6.6   |       |

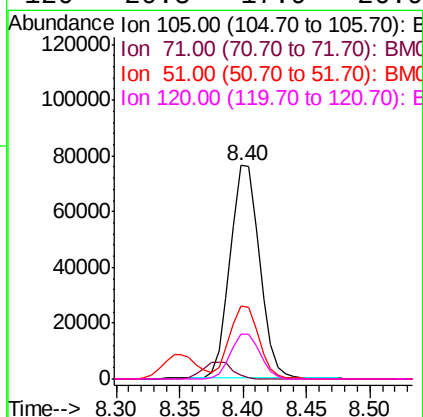
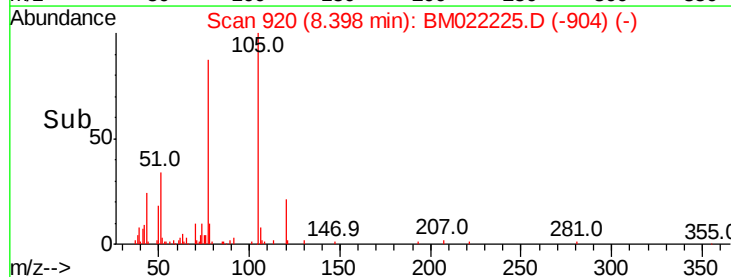
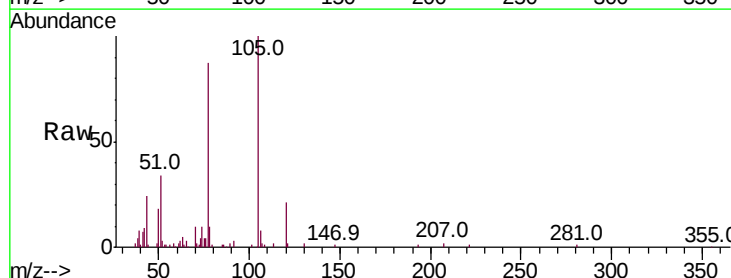
Manual Integrations  
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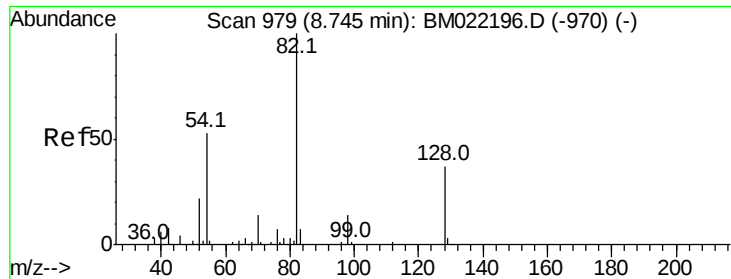
Jagrut  
8/22/2019 2:00:05 PM



#22  
Acetophenone  
Concen: 32.805 ng  
RT: 8.40 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 122996 |       |       |
| 71      | 1.6   | 1.2    | 1.8   |       |
| 51      | 34.4  | 19.1   | 28.7  |       |
| 120     | 20.8  | 17.9   | 26.9  |       |





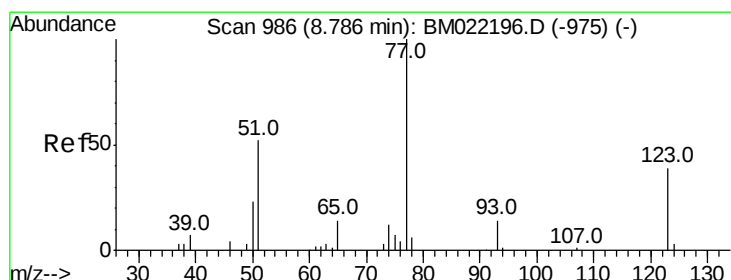
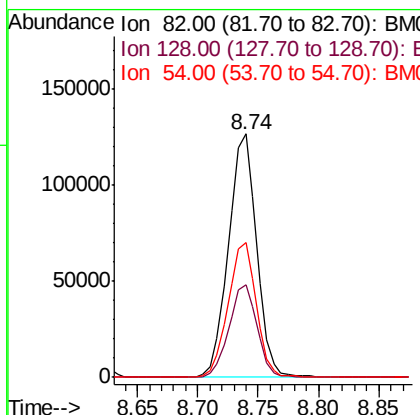
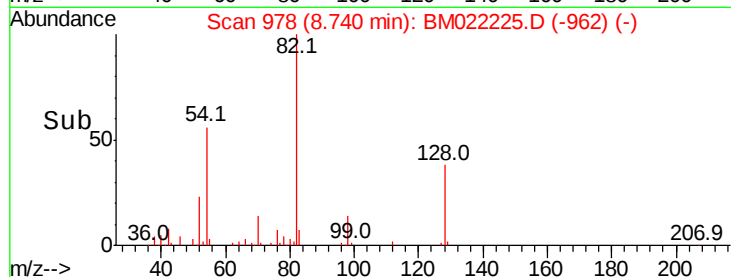
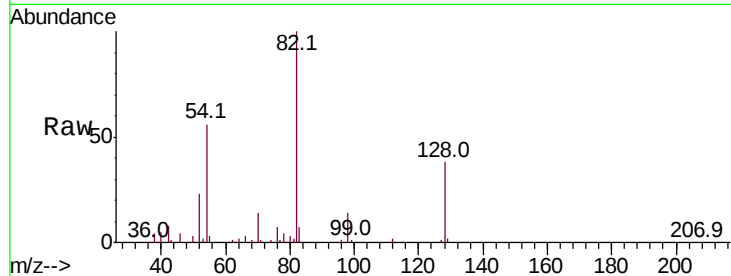
#23  
Nitrobenzene-d5  
Concen: 68.491 ng  
RT: 8.74 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 38.1  | 35.9 | 53.9  |       |
| 54      | 55.5  | 36.6 | 55.0  |       |

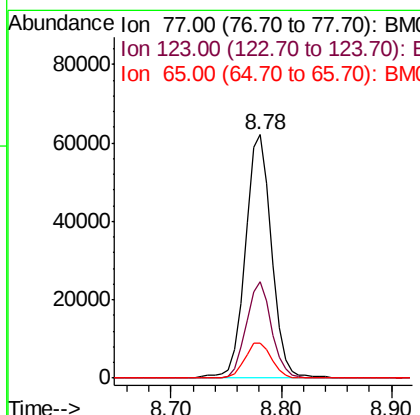
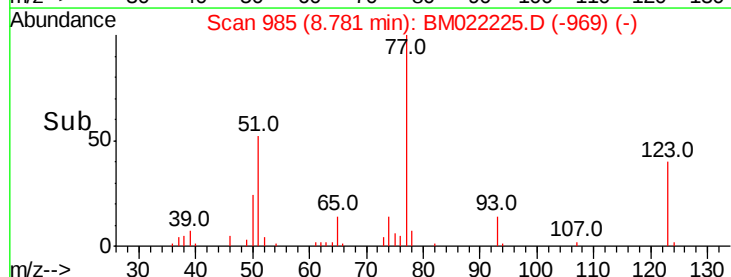
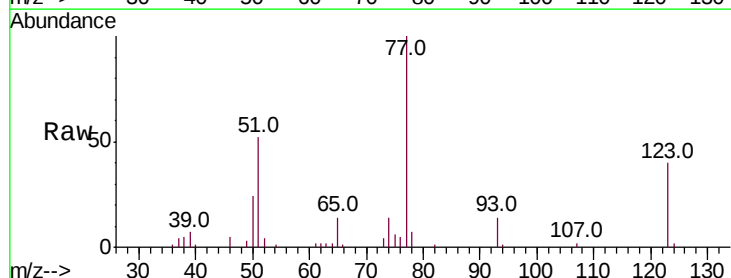
Manual Integrations  
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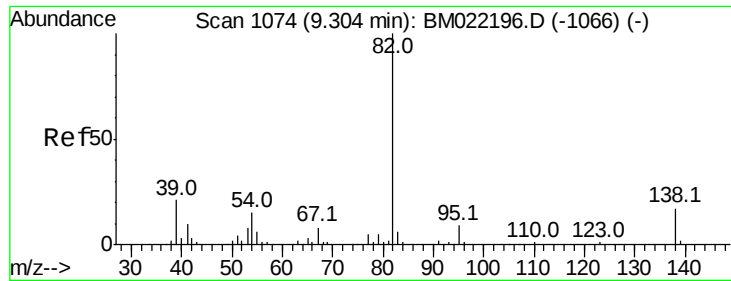
Jagrut  
8/22/2019 2:00:05 PM



#24  
Nitrobenzene  
Concen: 33.581 ng  
RT: 8.78 min Scan# 985  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 39.6  | 36.3 | 54.5  |       |
| 65      | 14.5  | 10.6 | 16.0  |       |





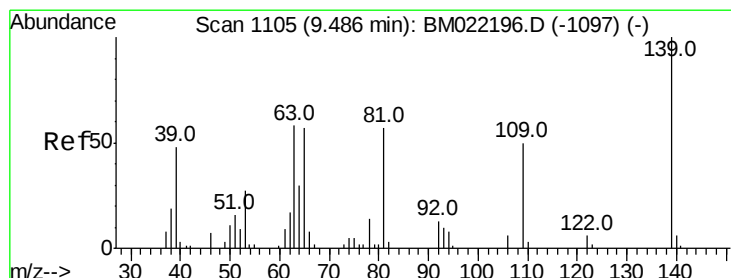
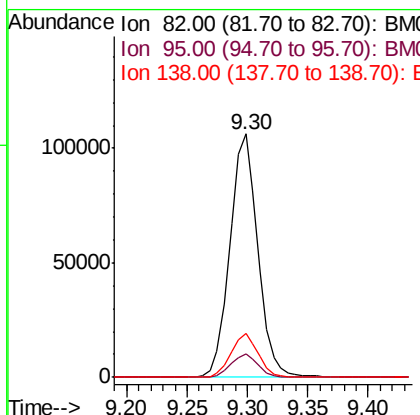
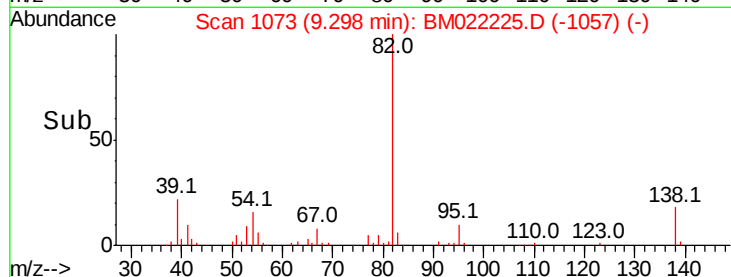
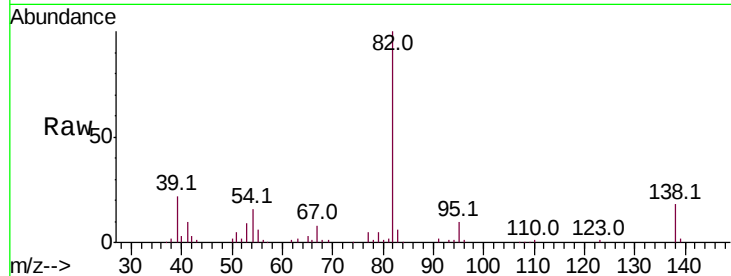
#25  
Isophorone  
Concen: 32.144 ng  
RT: 9.30 min Scan# 1073  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 171419 |       |       |
| 95      | 9.5   | 6.1    | 9.1#  |       |
| 138     | 18.0  | 15.0   | 22.6  |       |

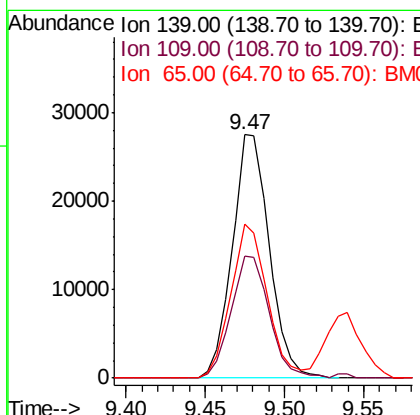
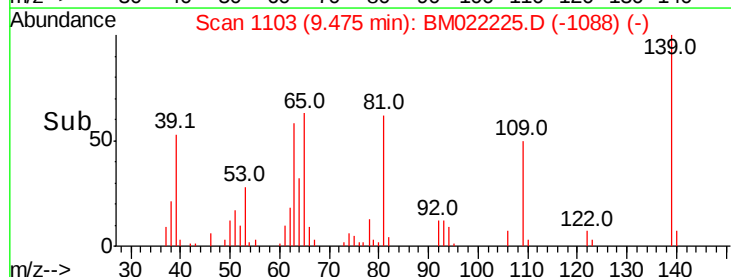
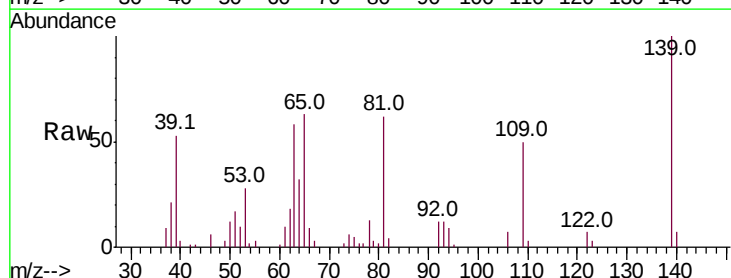
Manual Integrations  
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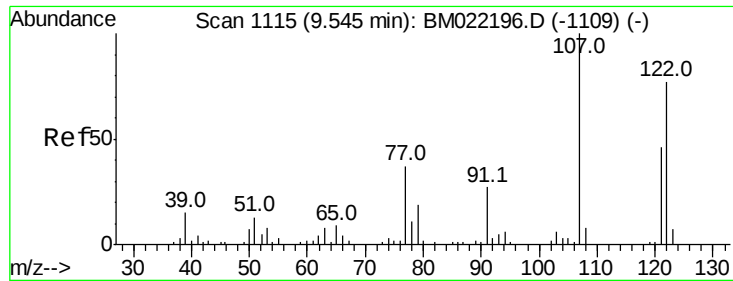
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#26  
2-Nitrophenol  
Concen: 34.155 ng  
RT: 9.47 min Scan# 1103  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 44510 |       |       |
| 109     | 50.0  | 25.2  | 37.8# |       |
| 65      | 63.4  | 37.4  | 56.0# |       |





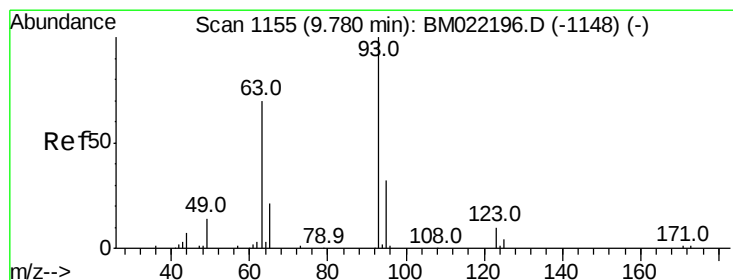
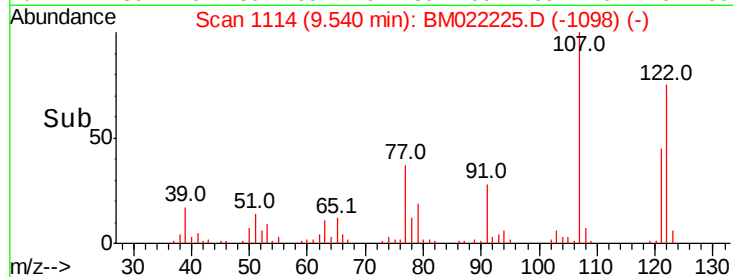
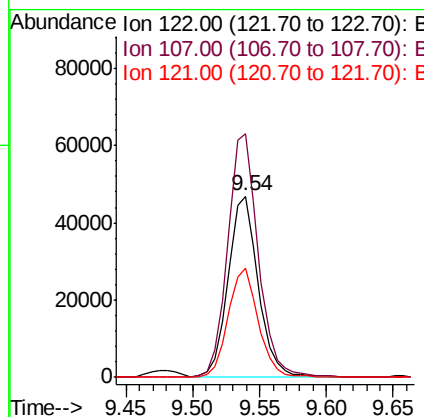
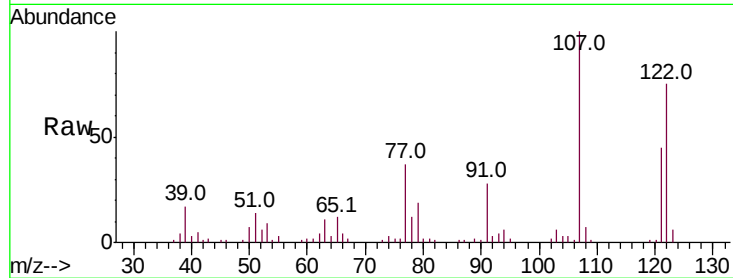
#27  
 2,4-Dimethylphenol  
 Concen: 37.985 ng  
 RT: 9.54 min Scan# 1114  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 122   | Resp: | 74614 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 107       | 134.1 | 95.3  | 142.9 |
| 121       | 60.1  | 47.5  | 71.3  |

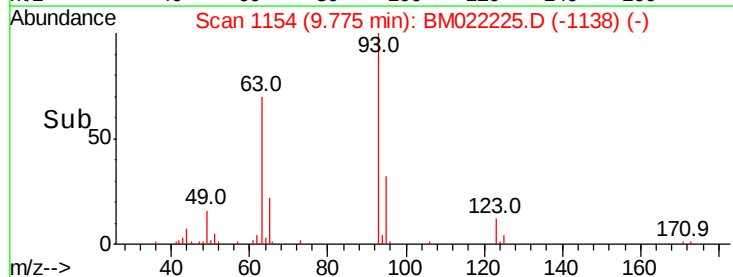
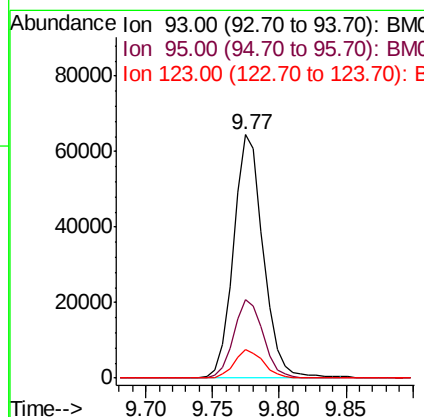
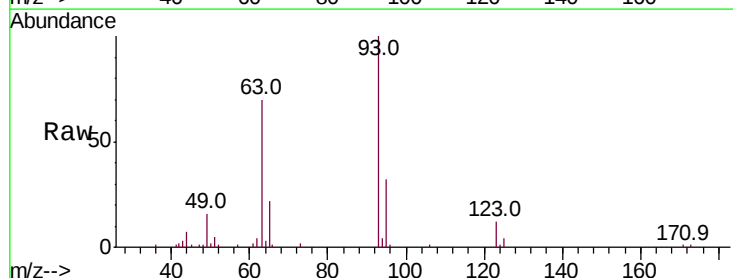
Manual Integrations  
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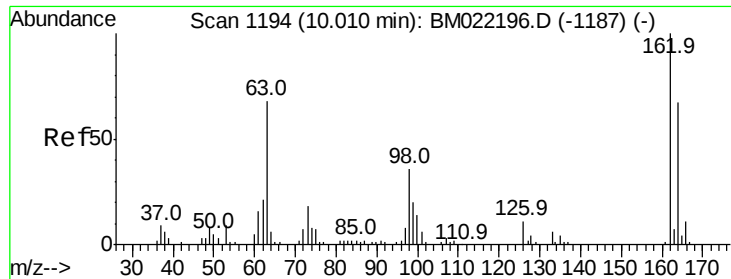
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 31.838 ng  
 RT: 9.77 min Scan# 1154  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 100444 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.2  | 26.2  | 39.2   |
| 123       | 11.6  | 9.0   | 13.4   |





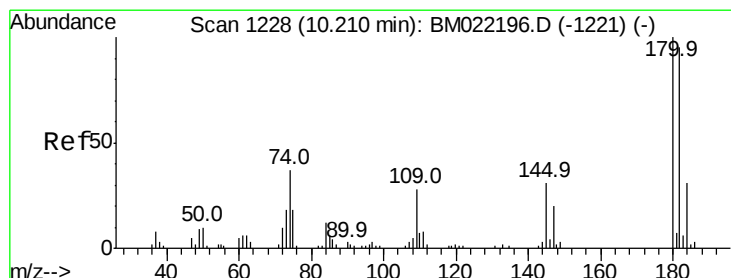
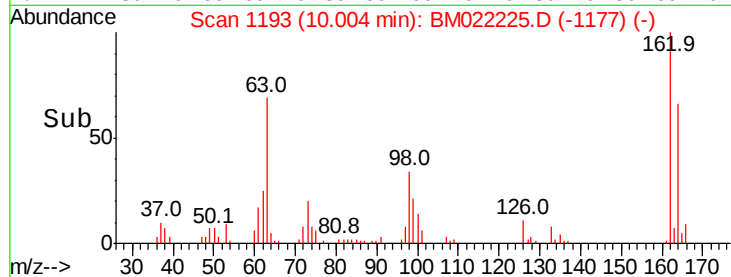
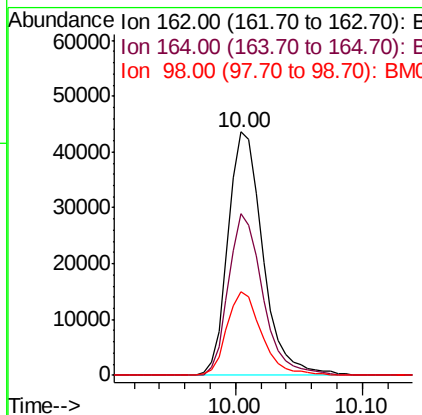
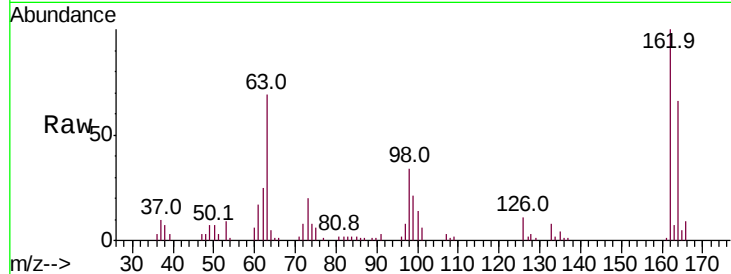
#29  
 2,4-Dichlorophenol  
 Concen: 35.056 ng  
 RT: 10.00 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 83097 |       |       |
| 164     | 66.2  | 43.7  | 83.7  |       |
| 98      | 34.4  | 13.4  | 53.4  |       |

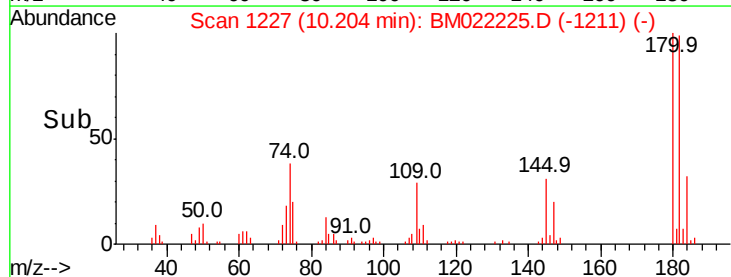
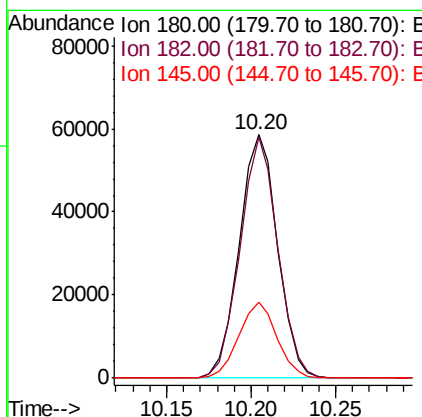
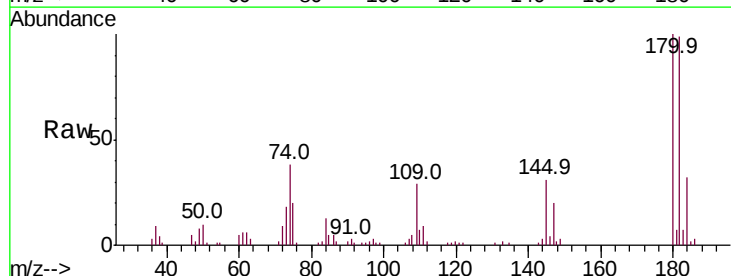
Manual Integrations  
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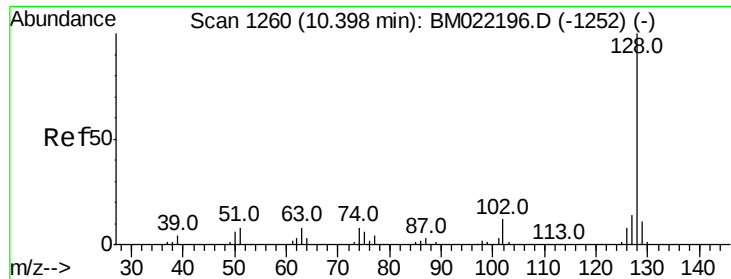
Jagrut  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 31.719 ng  
 RT: 10.20 min Scan# 1227  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 92613 |       |       |
| 182     | 99.1  | 78.0  | 117.0 |       |
| 145     | 31.0  | 23.4  | 35.0  |       |





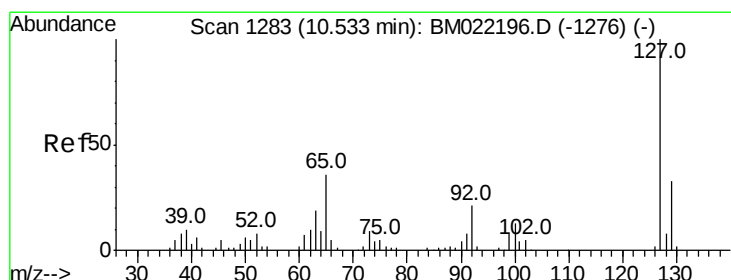
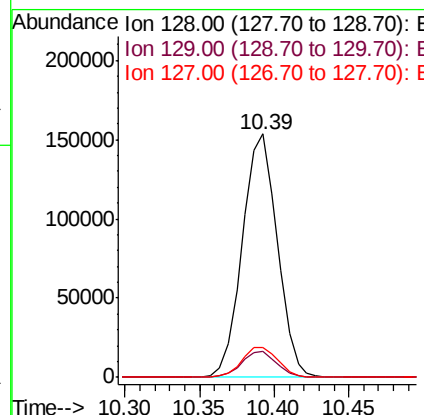
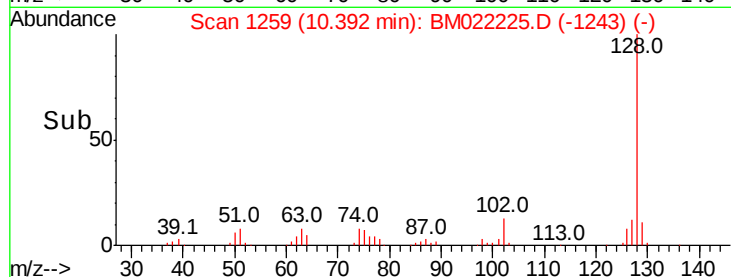
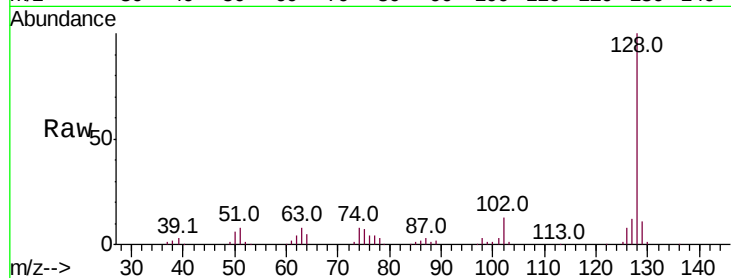
#31  
Naphthalene  
Concen: 32.816 ng  
RT: 10.39 min Scan# 1259  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 8.6   | 13.0  |
| 127     | 12.2  | 10.8  | 16.2  |

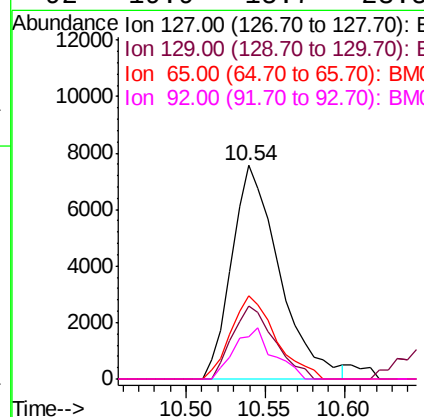
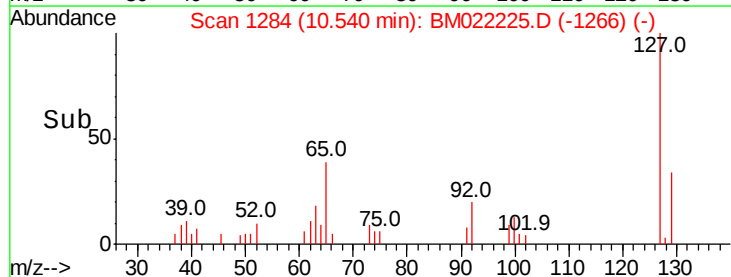
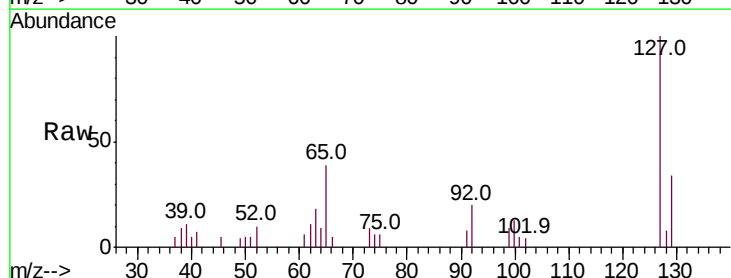
Manual Integrations  
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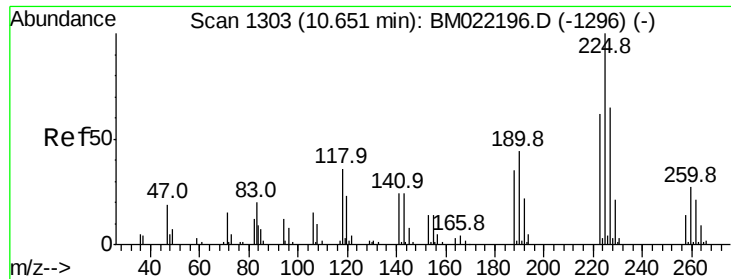
Jagrut  
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#33  
4-Chloroaniline  
Concen: 4.986 ng  
RT: 10.54 min Scan# 1284  
Delta R.T. 0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 34.4  | 25.1  | 37.7  |
| 65      | 38.7  | 23.8  | 35.8# |
| 92      | 19.9  | 15.7  | 23.5  |





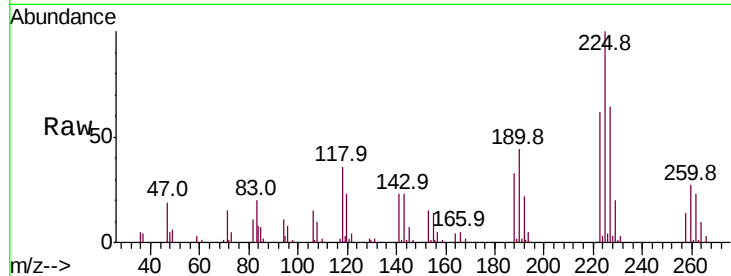
#34  
Hexachlorobutadiene  
Concen: 31.414 ng  
RT: 10.65 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

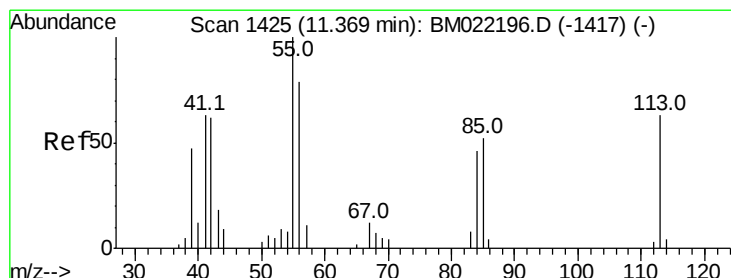
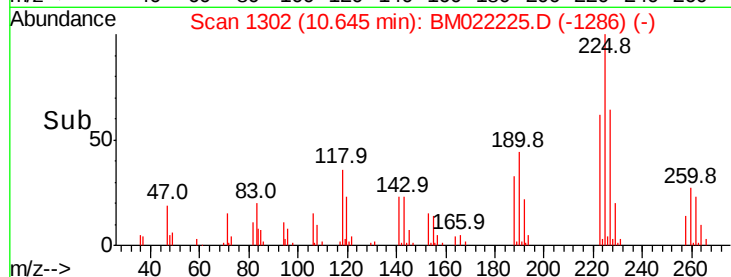
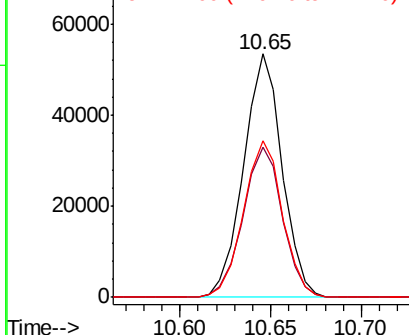
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 225   | Resp: | 78701 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.8  | 49.6  | 74.4  |
| 227       | 64.3  | 50.4  | 75.6  |

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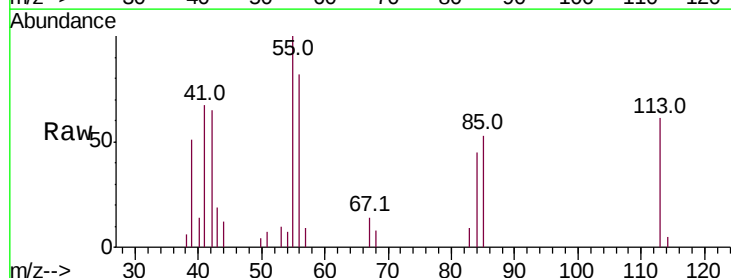


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

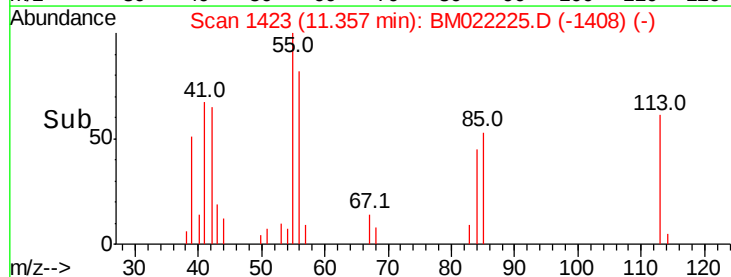
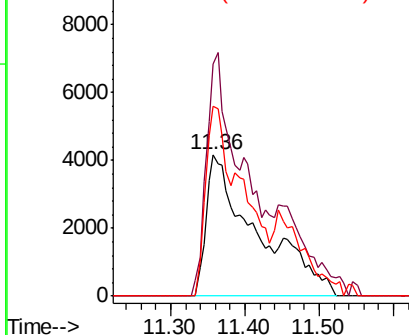


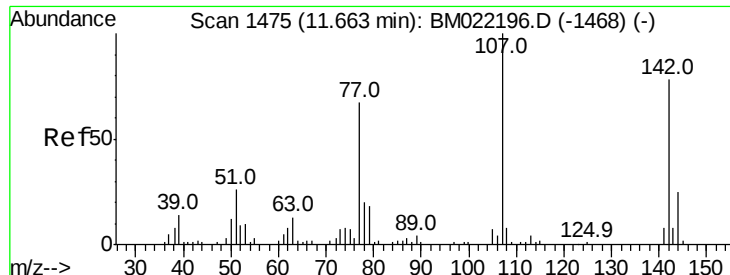
#35  
Caprolactam  
Concen: 30.825 ng m  
RT: 11.36 min Scan# 1423  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 19641 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 163.5 | 129.8 | 169.8 |
| 56        | 134.0 | 94.3  | 134.3 |



Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BM  
Ion 56.00 (55.70 to 56.70): BM





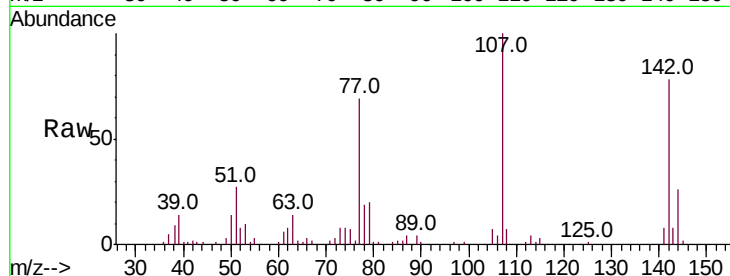
#36  
 4-Chloro-3-methylphenol  
 Concen: 34.900 ng  
 RT: 11.66 min Scan# 1475  
 Delta R.T. 0.00 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.6  | 21.3  | 31.9  |
| 142     | 78.3  | 64.9  | 97.3  |

Manual Integrations  
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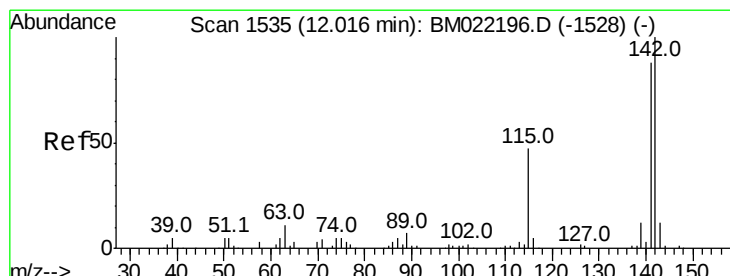
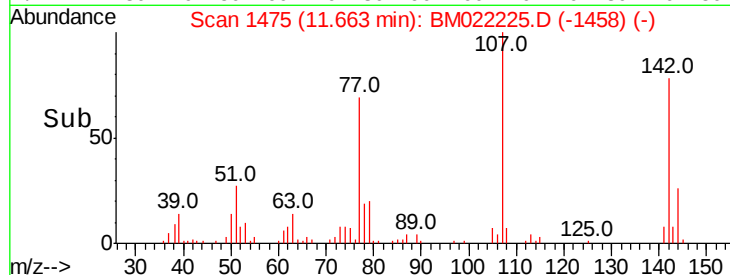
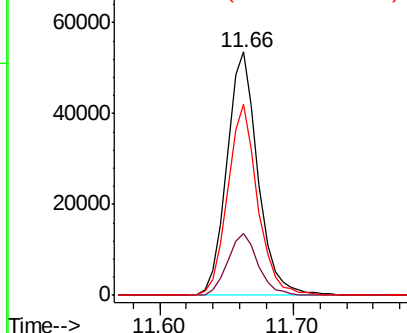


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37  
 2-Methylnaphthalene  
 Concen: 33.301 ng  
 RT: 12.01 min Scan# 1534  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

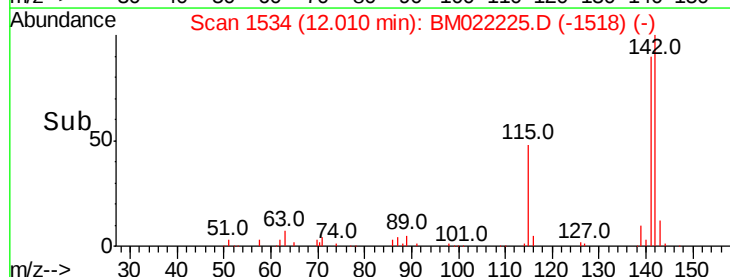
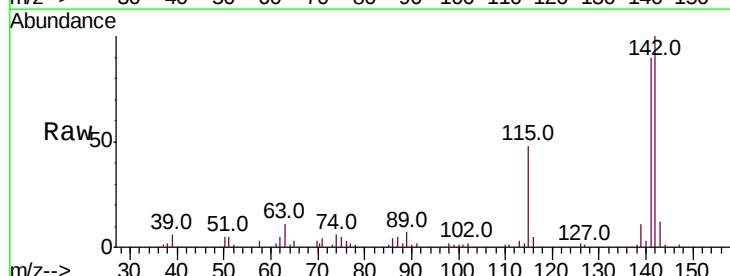
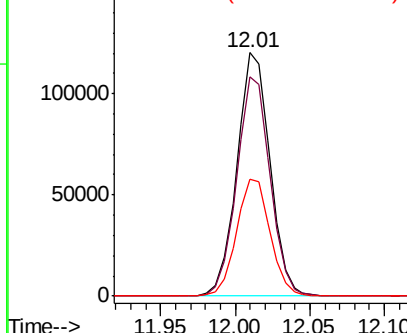
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.9  | 72.2  | 108.2 |
| 115     | 48.2  | 27.9  | 41.9# |

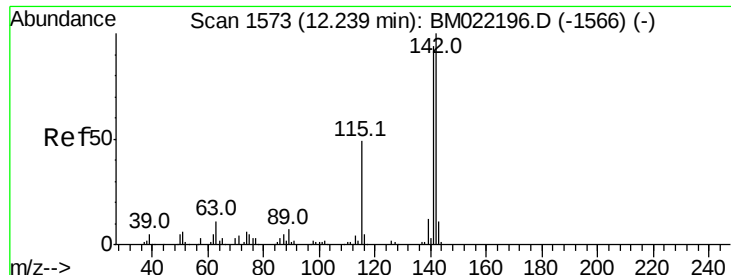
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





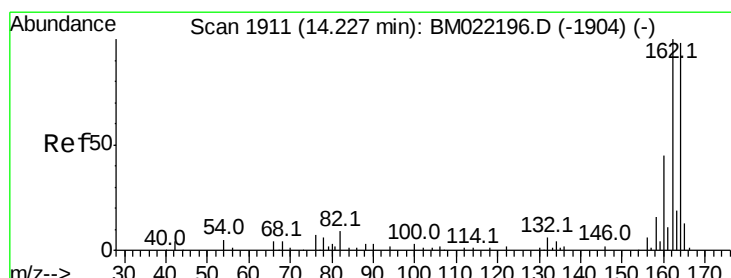
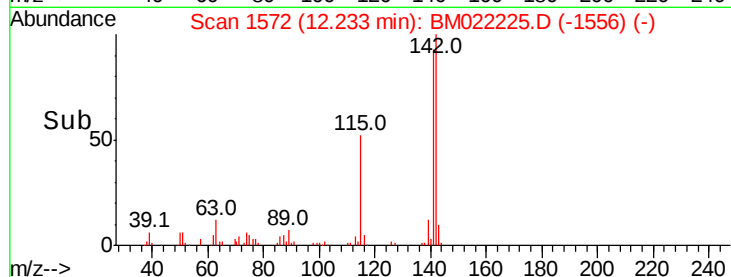
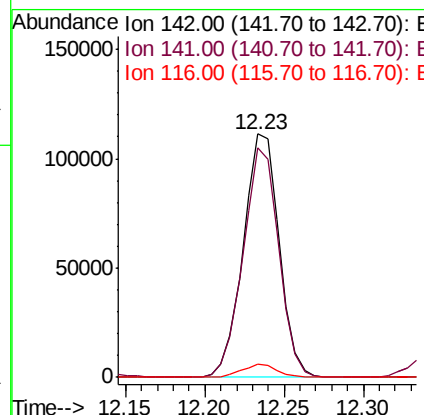
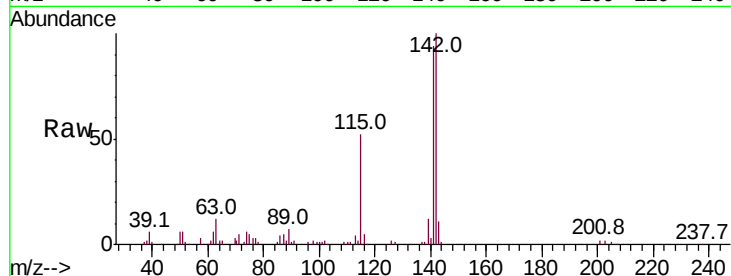
#38  
1-Methylnaphthalene  
Concen: 32.970 ng  
RT: 12.23 min Scan# 1572  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.3  | 73.9  | 110.9 |
| 116     | 5.3   | 3.0   | 4.6#  |

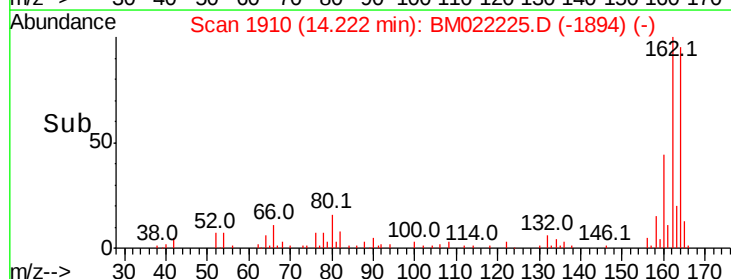
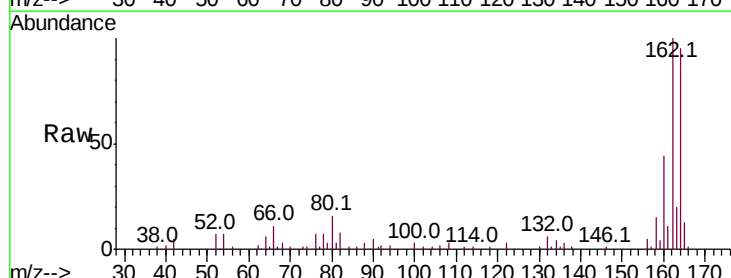
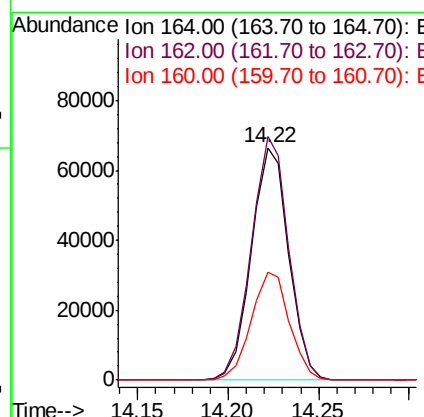
Manual Integrations  
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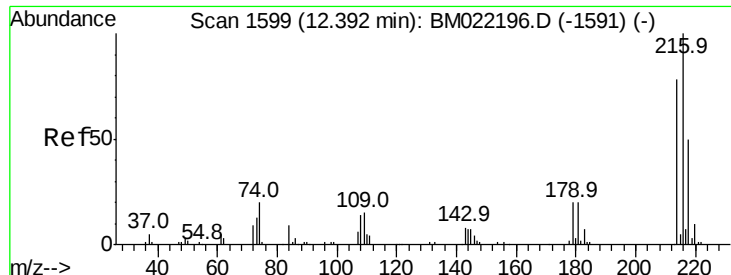
Jagrut  
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#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.22 min Scan# 1910  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.8 | 82.1  | 123.1 |
| 160     | 46.3  | 37.1  | 55.7  |





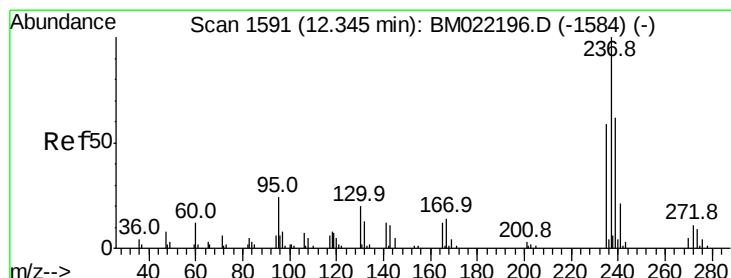
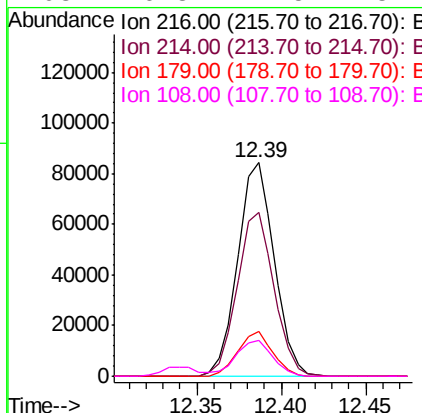
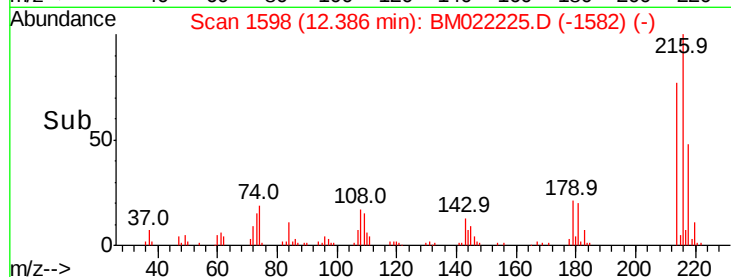
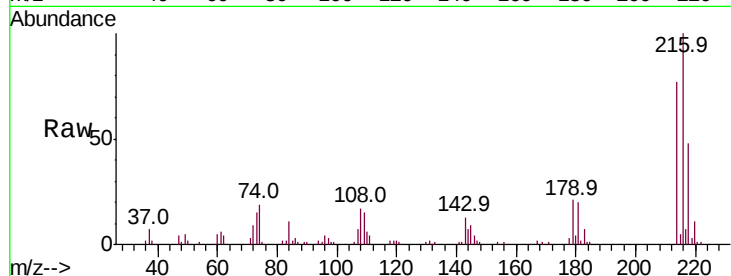
#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 34.139 ng  
 RT: 12.39 min Scan# 1598  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 127202 |       |       |
| 214     | 77.0  | 63.0   | 94.6  |       |
| 179     | 19.9  | 16.4   | 24.6  |       |
| 108     | 16.8  | 12.5   | 18.7  |       |

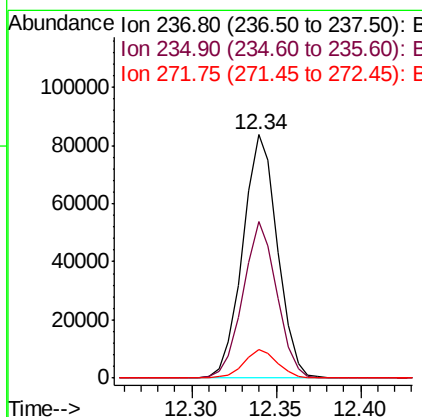
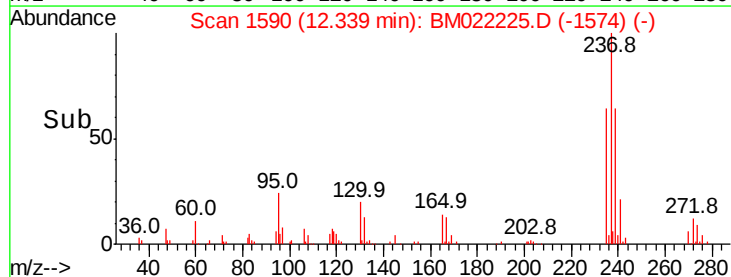
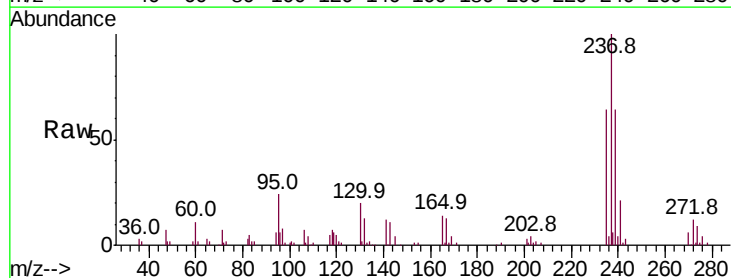
Manual Integrations  
 APPROVED

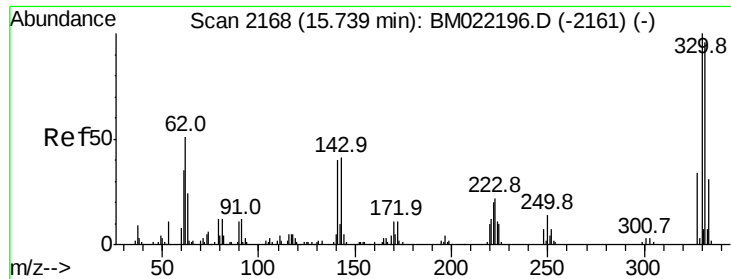
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#41  
 Hexachlorocyclopentadiene  
 Concen: 58.075 ng  
 RT: 12.34 min Scan# 1590  
 Delta R.T. -0.00 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 119568 |       |       |
| 235     | 64.1  | 41.7   | 81.7  |       |
| 272     | 11.9  | 0.0    | 34.1  |       |





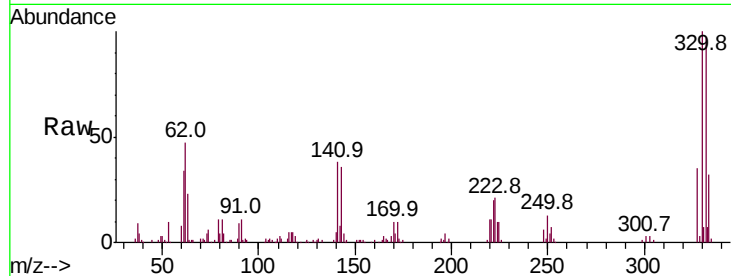
#42  
 2,4,6-Tribromophenol  
 Concen: 103.051 ng  
 RT: 15.73 min Scan# 2167  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

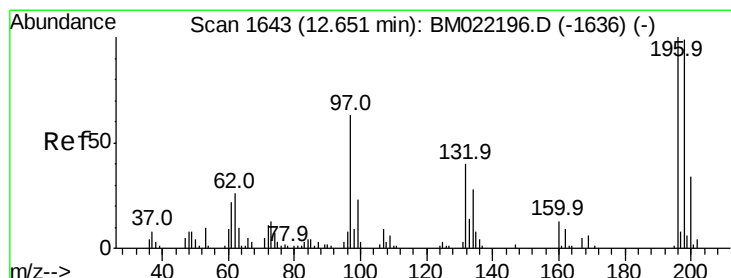
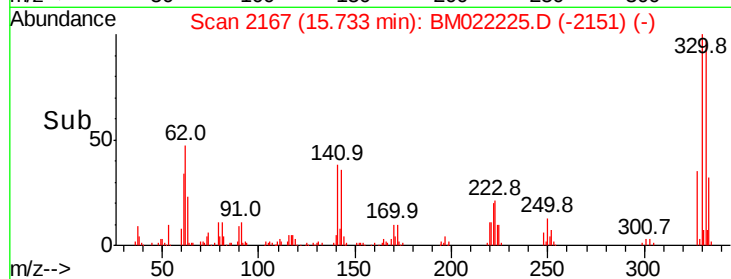
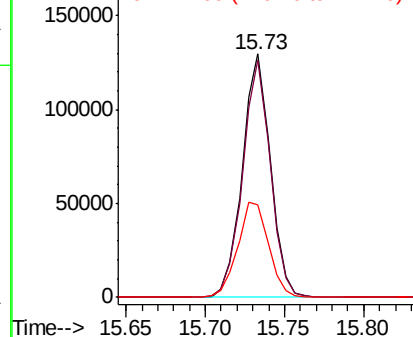
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.4  | 77.1 | 115.7 |       |
| 141     | 42.9  | 21.8 | 32.8# |       |

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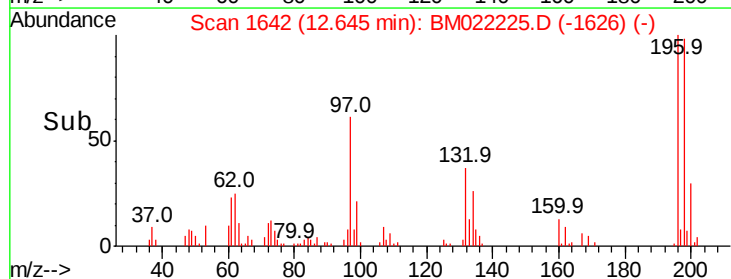
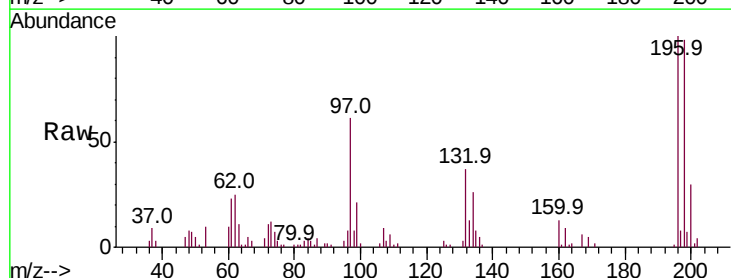
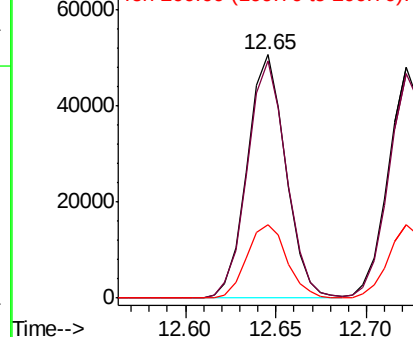
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

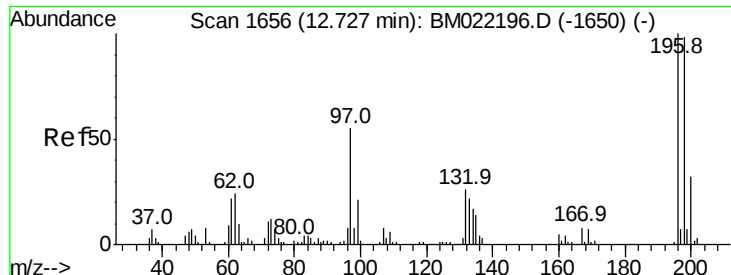


#43  
 2,4,6-Trichlorophenol  
 Concen: 33.551 ng  
 RT: 12.65 min Scan# 1642  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 97.5  | 76.7 | 115.1 |       |
| 200     | 30.4  | 24.2 | 36.4  |       |

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





#44

2,4,5-Trichlorophenol

Concen: 35.533 ng

RT: 12.72 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA\_M

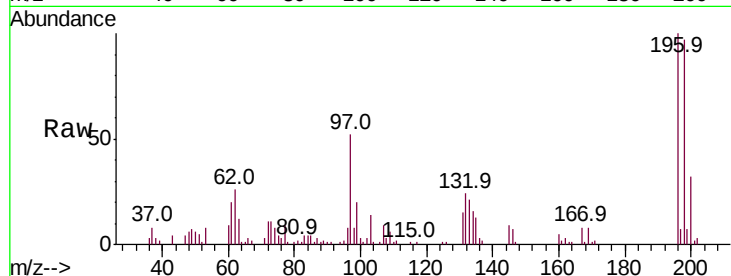
ClientSampleId :

SB-05(13-14)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 97.3  | 78.2 | 117.4 |       |
| 97      | 51.9  | 34.1 | 51.1# |       |
| 132     | 24.2  | 19.2 | 28.8  |       |

Manual Integrations  
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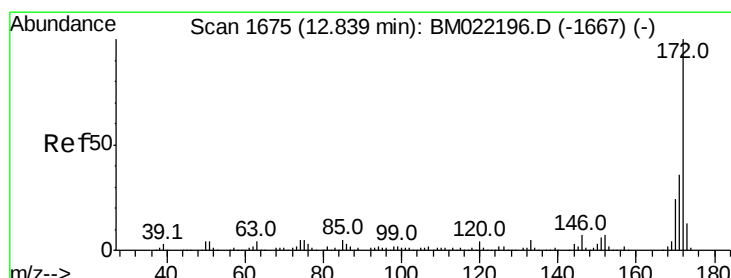
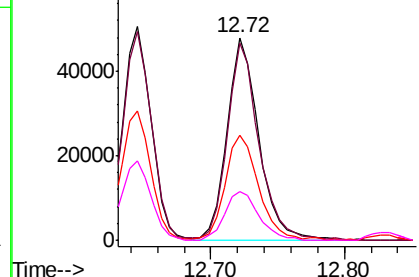
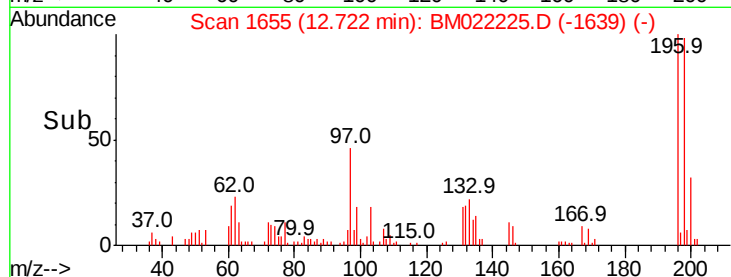
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 66.060 ng

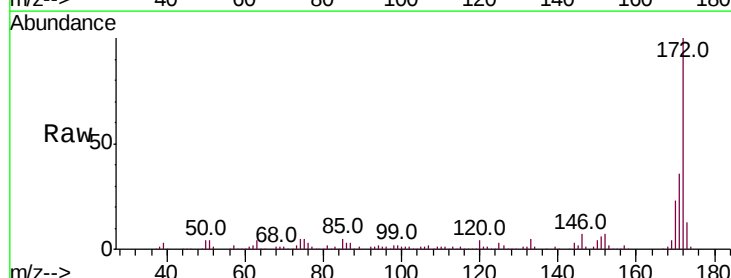
RT: 12.83 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 36.0  | 28.6 | 43.0  |       |
| 170     | 23.3  | 18.7 | 28.1  |       |

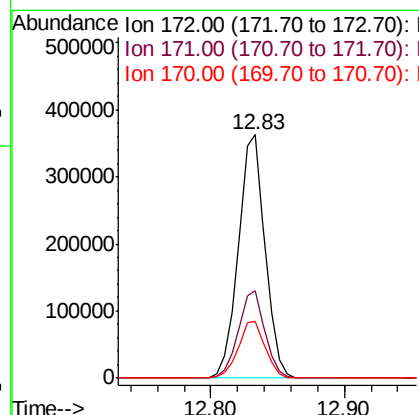
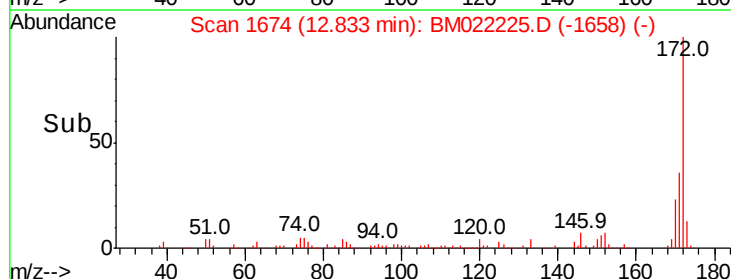


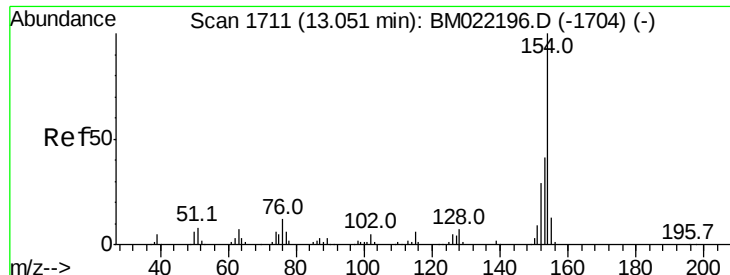
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





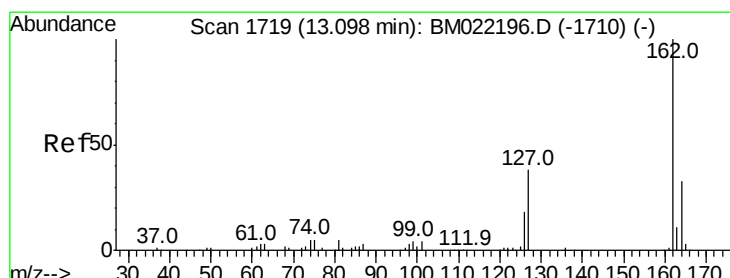
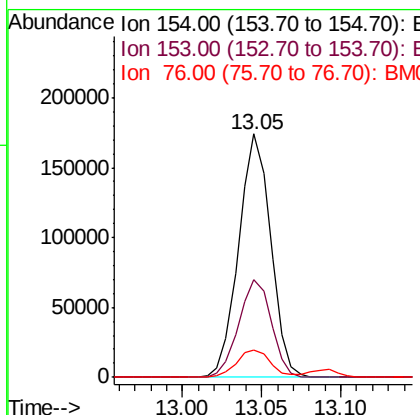
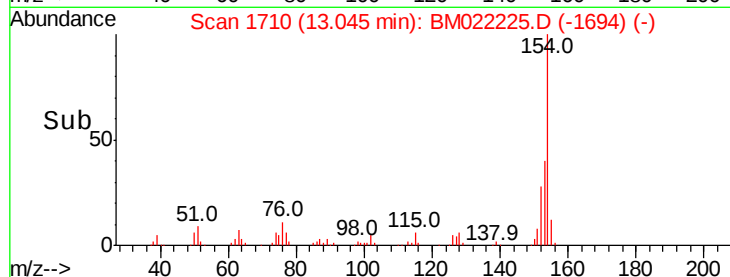
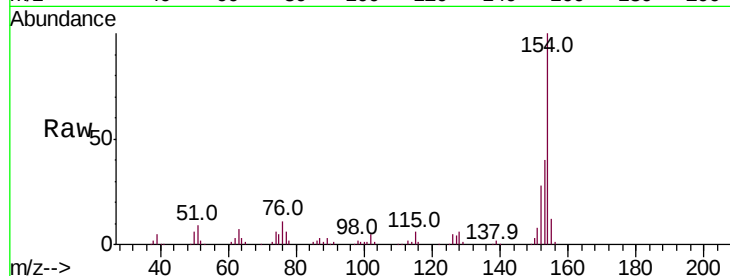
#46  
 1,1'-Biphenyl  
 Concen: 32.630 ng  
 RT: 13.05 min Scan# 1710  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 39.9  | 21.3 | 61.3  |       |
| 76      | 11.4  | 0.0  | 30.9  |       |

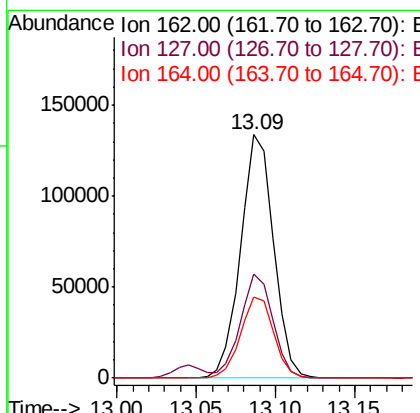
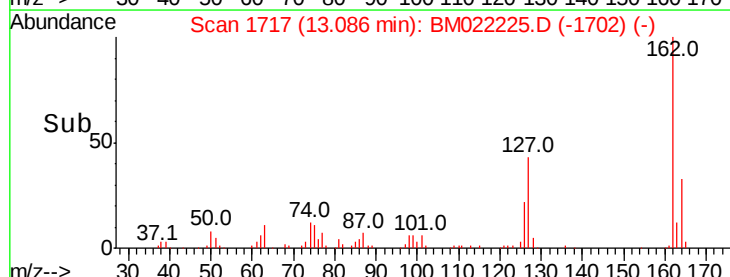
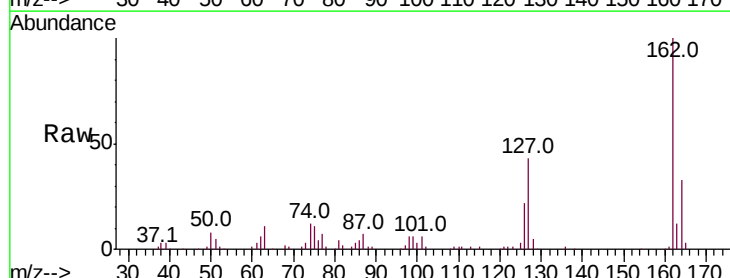
Manual Integrations  
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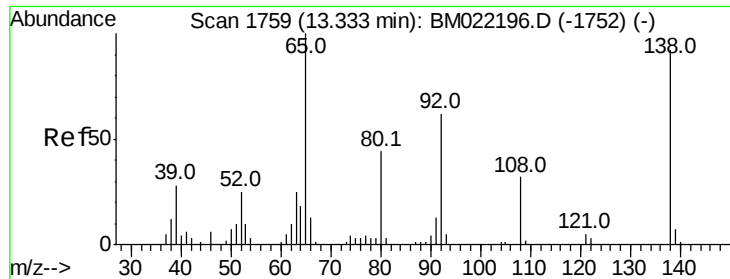
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#47  
 2-Chloronaphthalene  
 Concen: 31.356 ng  
 RT: 13.09 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 42.6  | 29.4 | 44.2  |       |
| 164     | 33.1  | 26.5 | 39.7  |       |





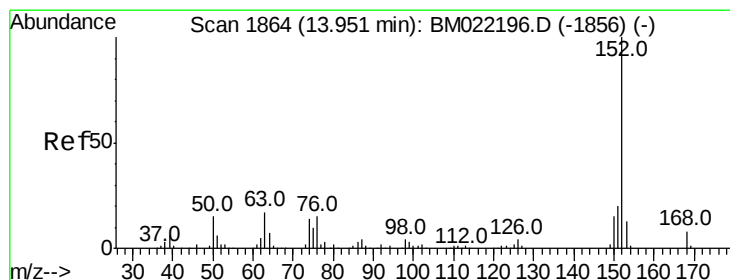
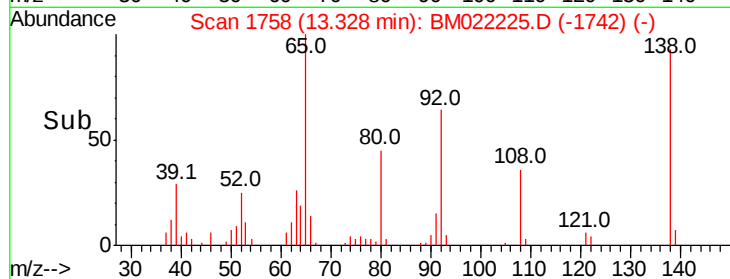
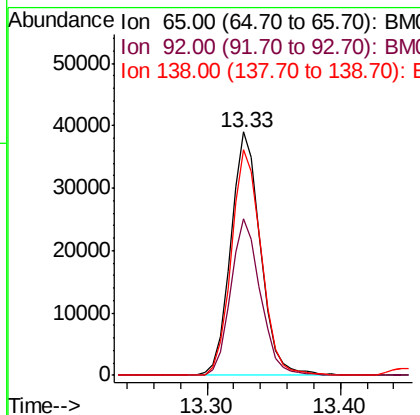
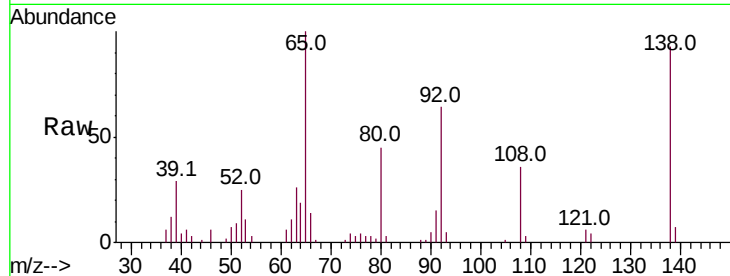
#48  
2-Nitroaniline  
Concen: 31.007 ng  
RT: 13.33 min Scan# 1758  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.2  | 56.3  | 84.5  |
| 138     | 92.6  | 92.6  | 139.0 |

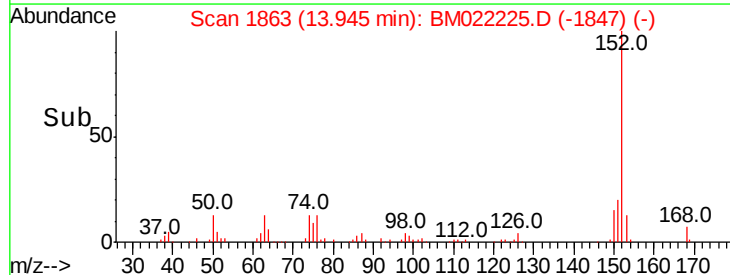
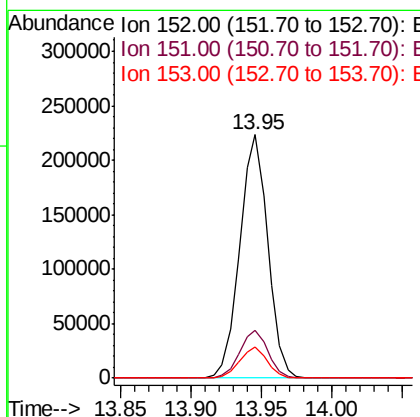
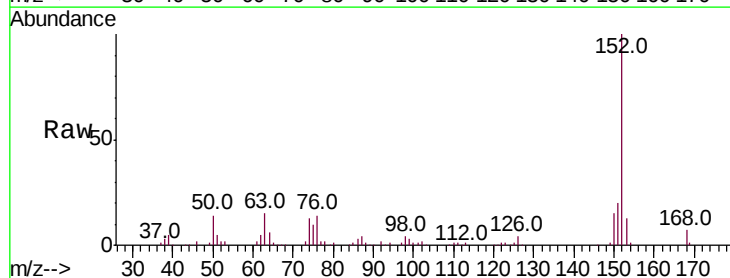
Manual Integrations  
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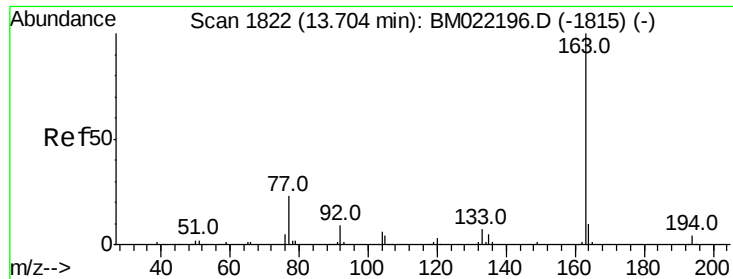
Jagrut  
8/22/2019 2:00:05 PM



#49  
Acenaphthylene  
Concen: 32.754 ng  
RT: 13.95 min Scan# 1863  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.7  | 16.1  | 24.1  |
| 153     | 12.9  | 10.6  | 16.0  |





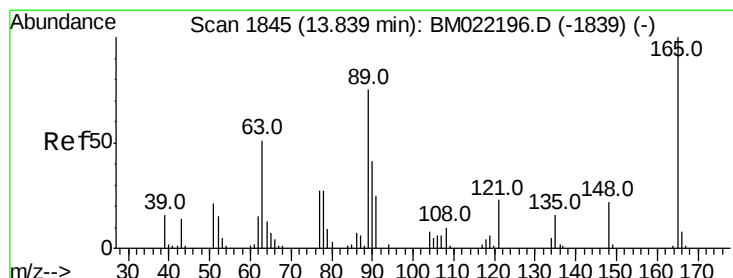
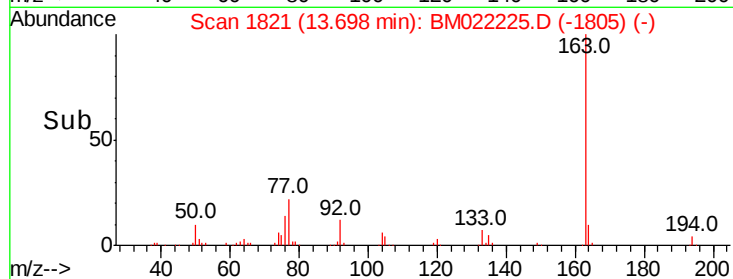
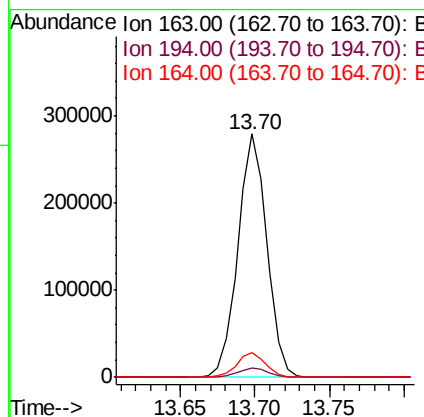
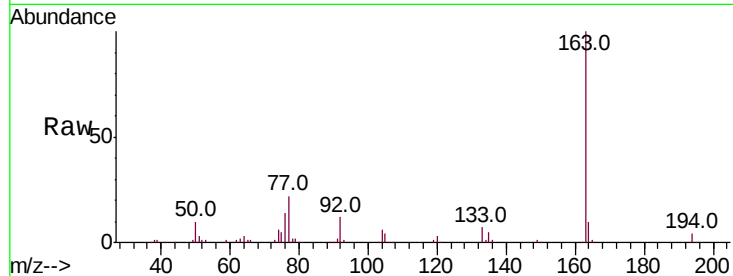
#50  
Dimethylphthalate  
Concen: 47.175 ng  
RT: 13.70 min Scan# 1821  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampled :  
SB-05(13-14)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 377541 |       |       |
| 194     | 4.0   |        | 3.4   | 5.2   |
| 164     | 10.0  |        | 8.2   | 12.2  |

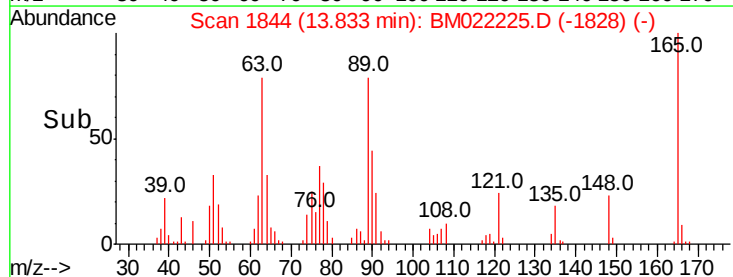
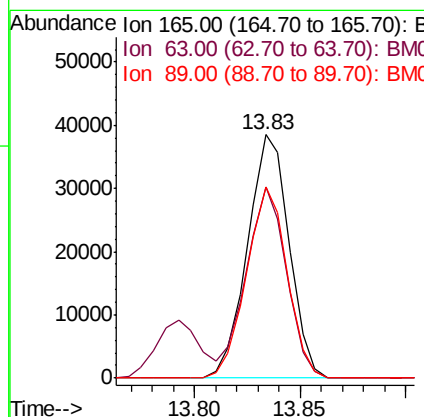
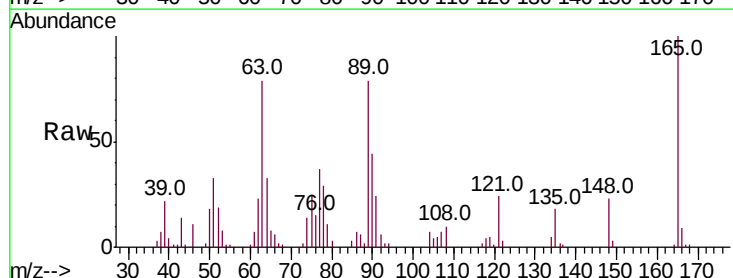
Manual Integrations  
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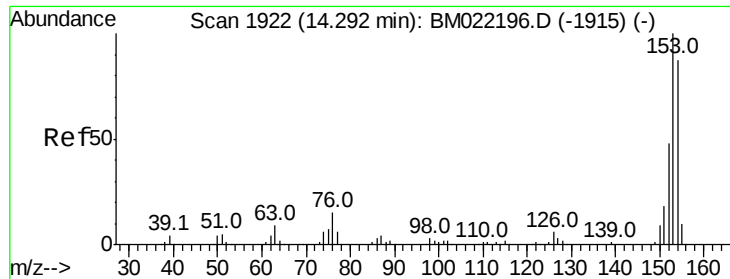
Jagrut  
8/22/2019 2:00:05 PM



#51  
2,6-Dinitrotoluene  
Concen: 33.280 ng  
RT: 13.83 min Scan# 1844  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 52598 |       |       |
| 63      | 78.7  |       | 37.8  | 56.6# |
| 89      | 78.8  |       | 39.7  | 59.5# |





#52

Acenaphthene

Concen: 32.254 ng

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA\_M

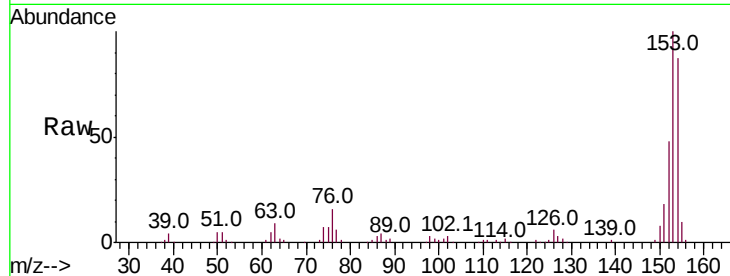
ClientSampleId :

SB-05(13-14)MS

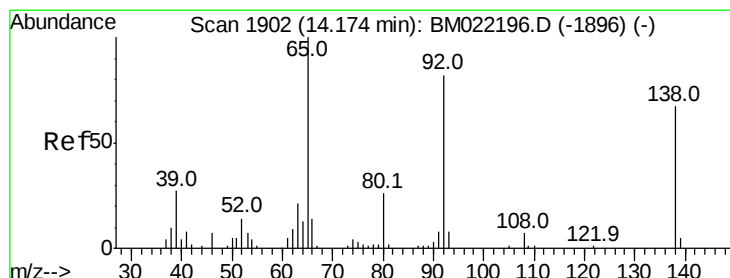
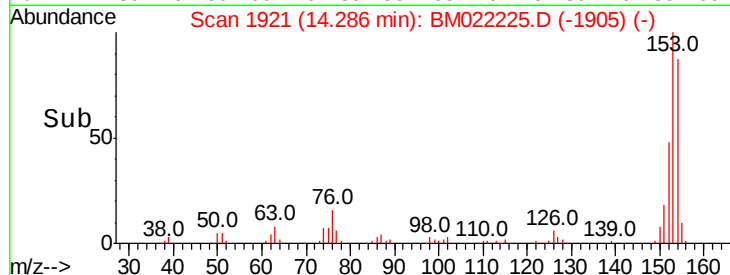
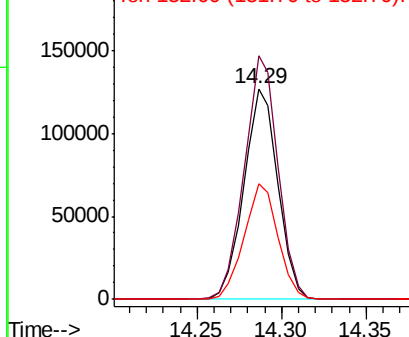
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 177753 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 115.6 | 91.5  | 137.3  |
| 152       | 55.0  | 42.3  | 63.5   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 18.403 ng

RT: 14.17 min Scan# 1902

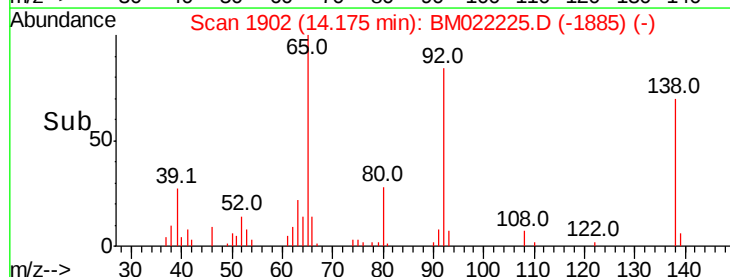
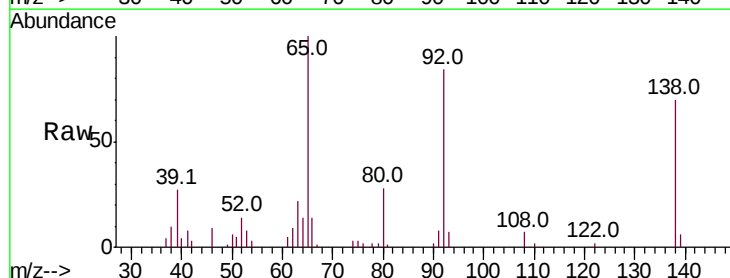
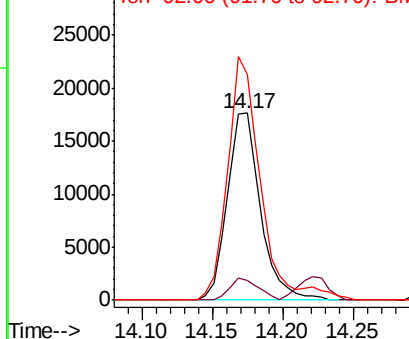
Delta R.T. 0.00 min

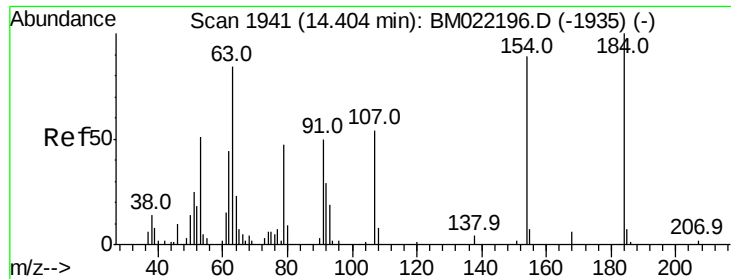
Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 28965 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.7  | 9.0   | 13.4  |
| 92        | 120.5 | 92.2  | 138.2 |

Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BM





#54

2,4-Dinitrophenol

Concen: 16.369 ng

RT: 14.40 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA\_M

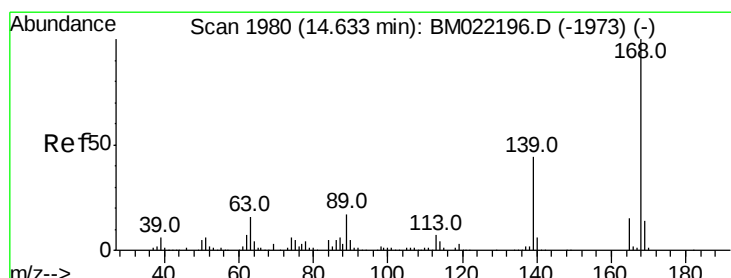
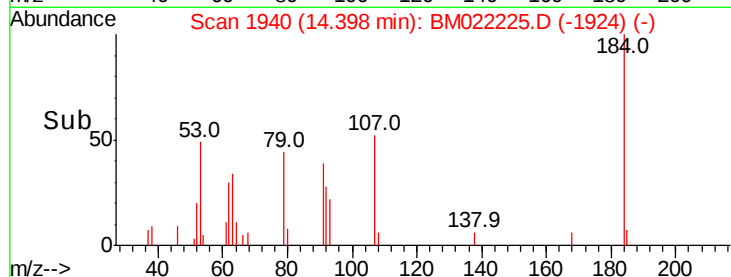
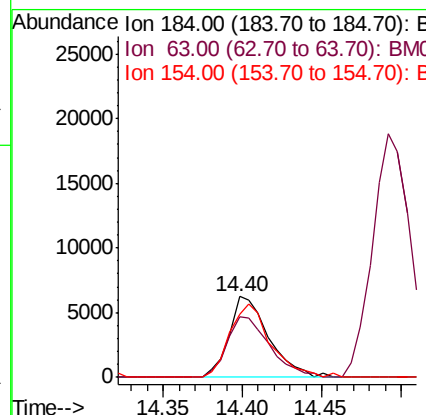
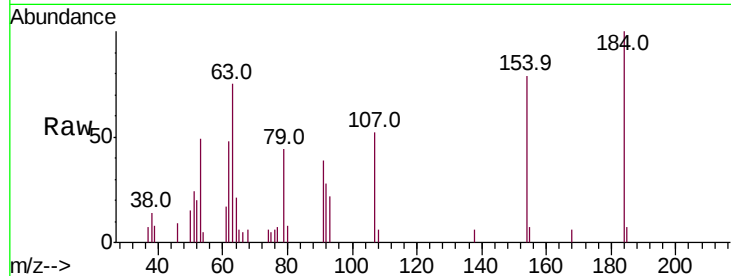
ClientSampleId :

SB-05(13-14)MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 184   | Resp: | 10872 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 63        | 75.0  | 45.5  | 68.3# |
| 154       | 78.7  | 50.6  | 76.0# |

Manual Integrations  
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#55

Dibenzofuran

Concen: 32.947 ng

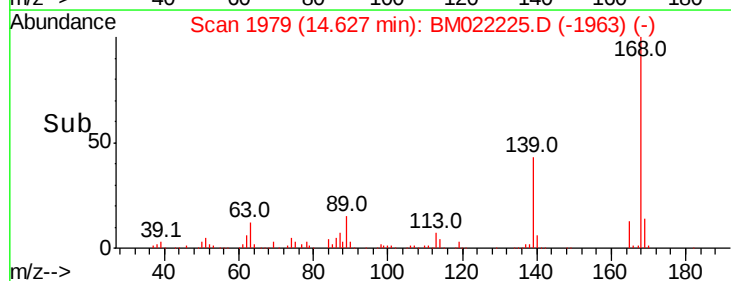
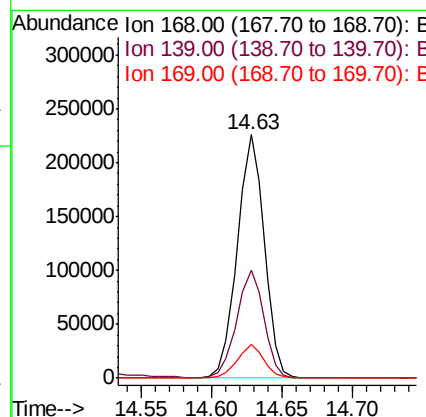
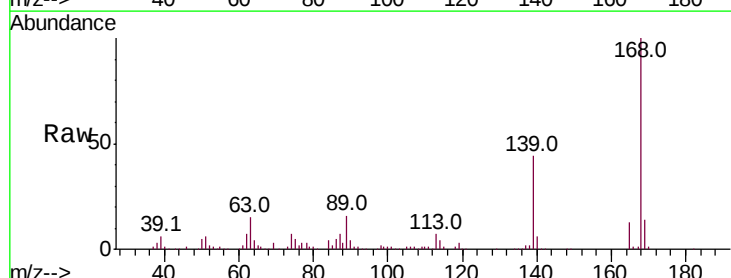
RT: 14.63 min Scan# 1979

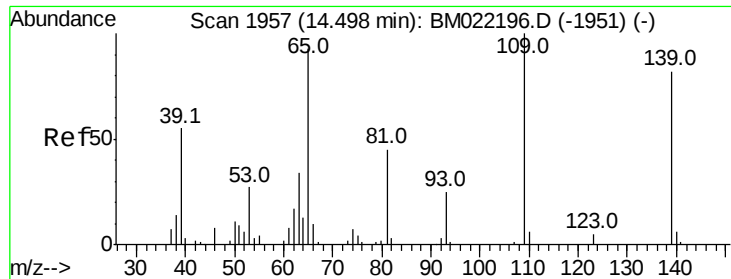
Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 168   | Resp: | 301715 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 44.4  | 28.4  | 42.6#  |
| 169       | 13.7  | 10.6  | 16.0   |





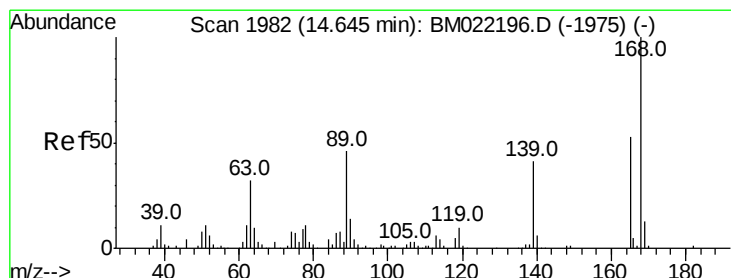
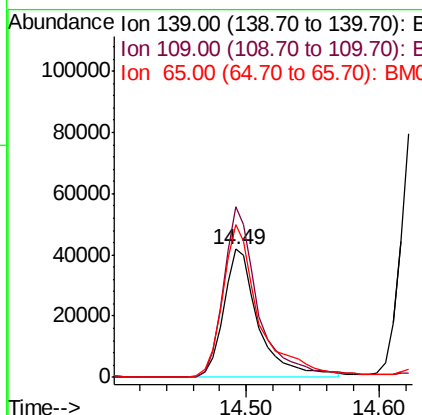
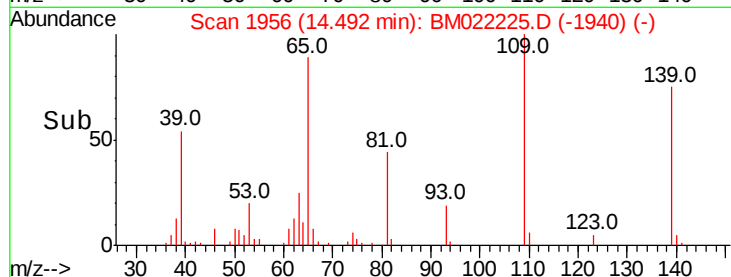
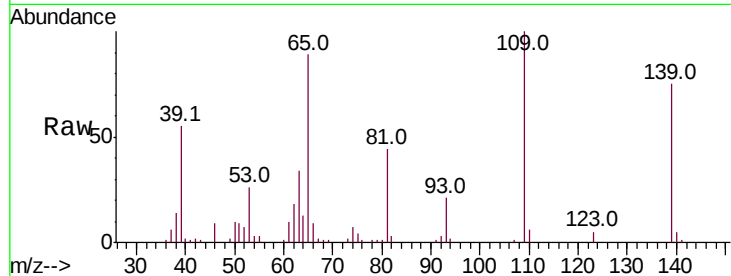
#56  
4-Nitrophenol  
Concen: 73.252 ng  
RT: 14.49 min Scan# 1956  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 133.8 | 53.3  | 93.3#  |
| 65      | 119.5 | 70.3  | 110.3# |

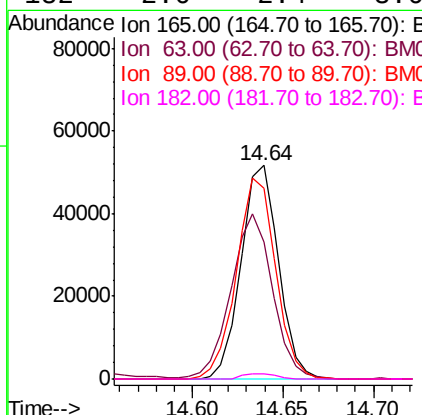
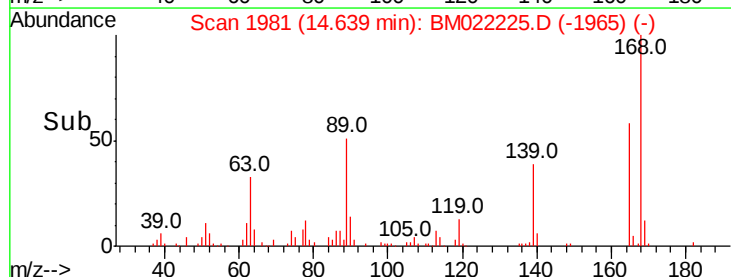
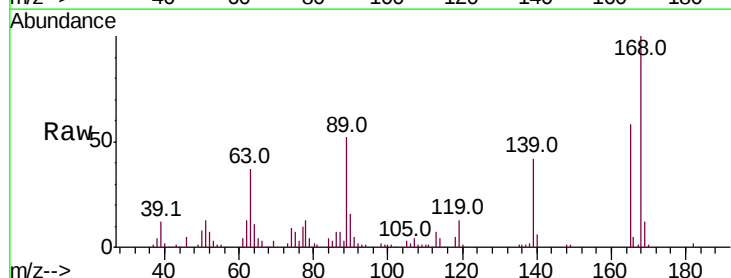
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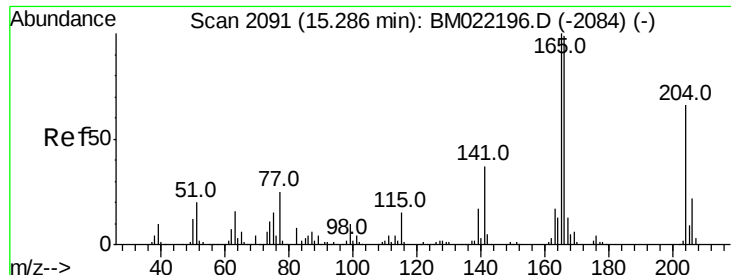
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#57  
2,4-Dinitrotoluene  
Concen: 32.707 ng  
RT: 14.64 min Scan# 1981  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 64.1  | 29.6  | 44.4# |
| 89      | 89.4  | 49.5  | 74.3# |
| 182     | 2.6   | 2.4   | 3.6   |





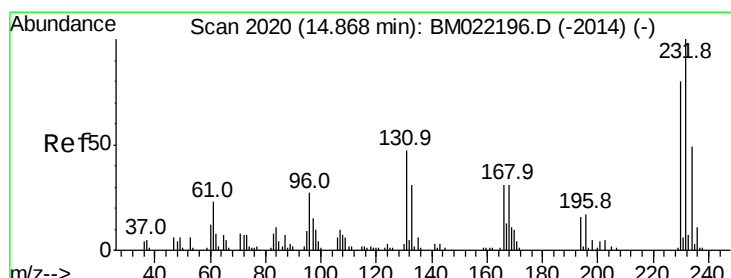
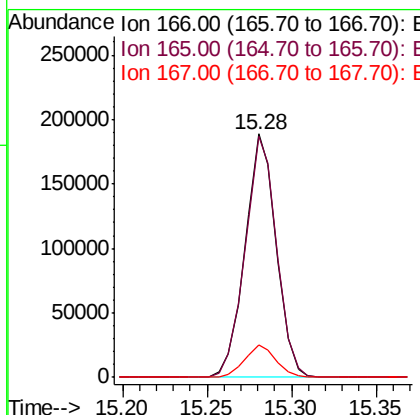
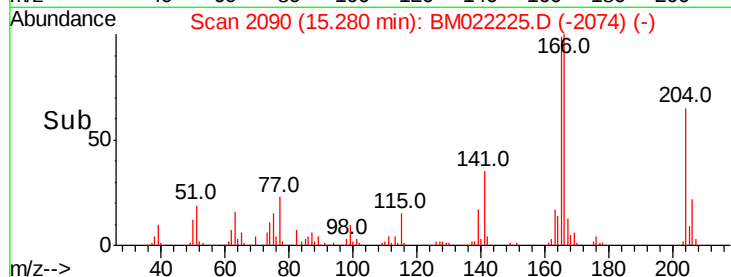
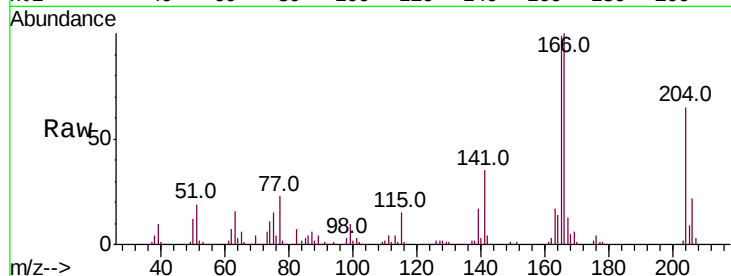
#58  
 Fluorene  
 Concen: 31.376 ng  
 RT: 15.28 min Scan# 2090  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 242224 |       |       |
| 165     | 99.1  | 78.6   | 117.8 |       |
| 167     | 13.4  | 10.9   | 16.3  |       |

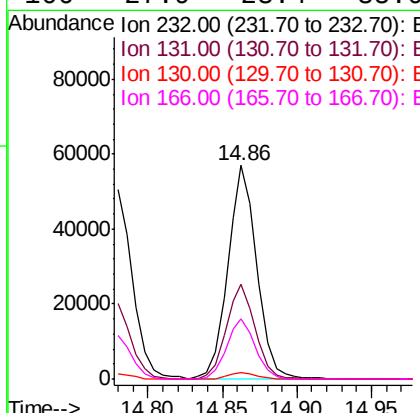
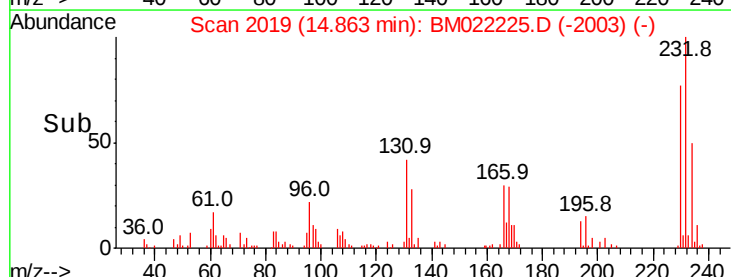
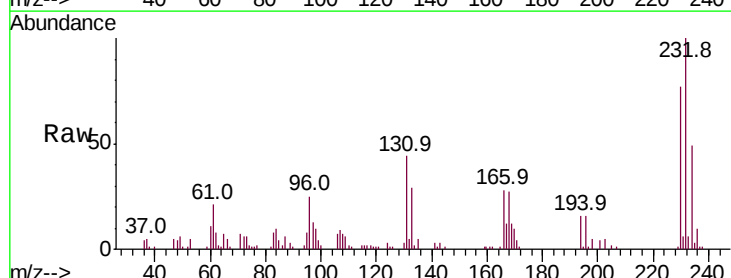
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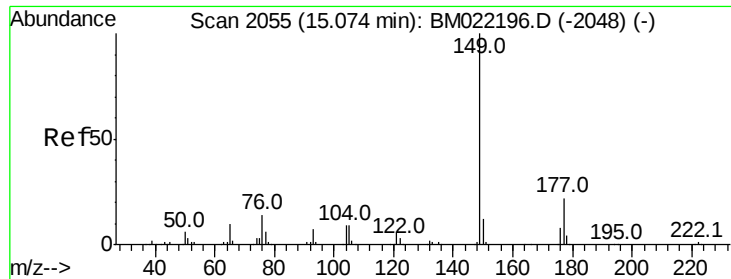
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 8/22/2019 2:00:05 PM



#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 34.099 ng  
 RT: 14.86 min Scan# 2019  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 77080 |       |       |
| 131     | 44.0  | 30.6  | 46.0  |       |
| 130     | 2.8   | 1.7   | 2.5#  |       |
| 166     | 27.9  | 23.4  | 35.0  |       |





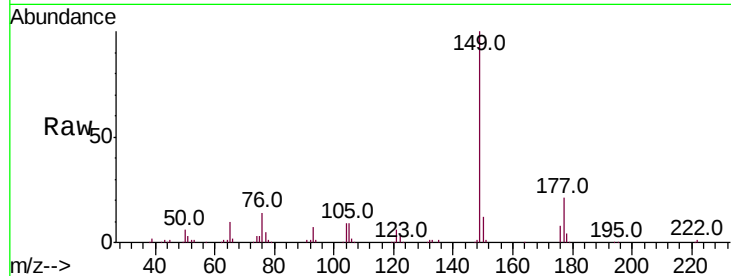
#60  
Diethylphthalate  
Concen: 32.122 ng  
RT: 15.07 min Scan# 2054  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 271086 |       |       |
| 177     | 21.0  |        | 19.1  | 28.7  |
| 150     | 11.8  |        | 10.1  | 15.1  |

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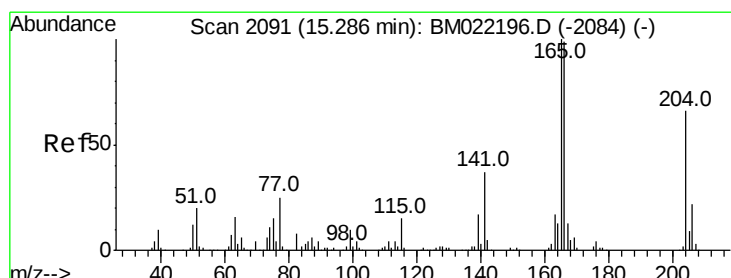
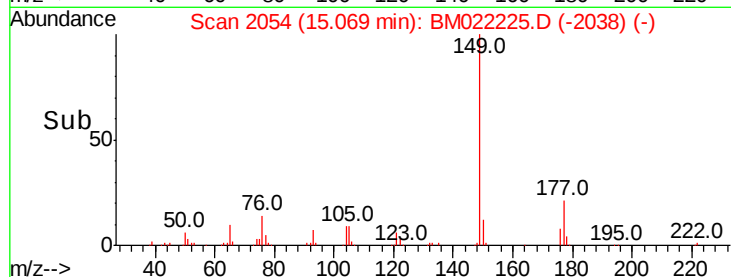
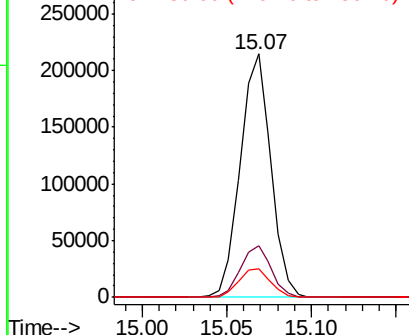


Abundance

Ion 149.00 (148.70 to 149.70): E

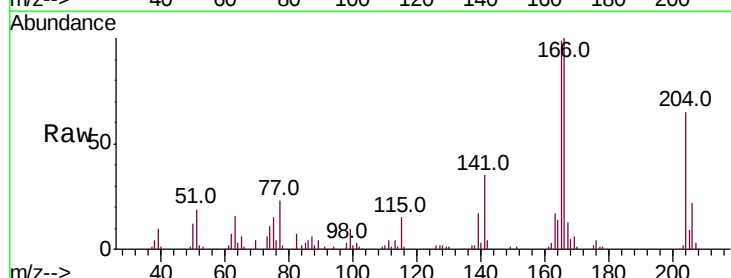
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61  
4-Chlorophenyl-phenylether  
Concen: 31.301 ng  
RT: 15.28 min Scan# 2090  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 152292 |       |       |
| 206     | 33.4  |        | 26.1  | 39.1  |
| 141     | 54.6  |        | 40.7  | 61.1  |

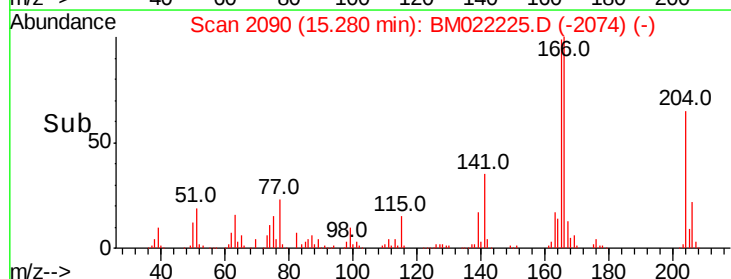
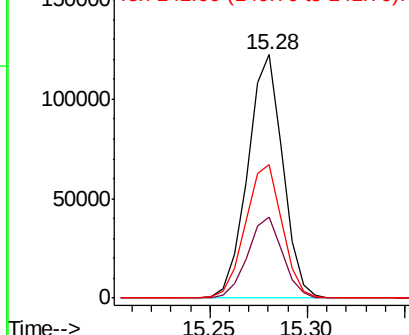


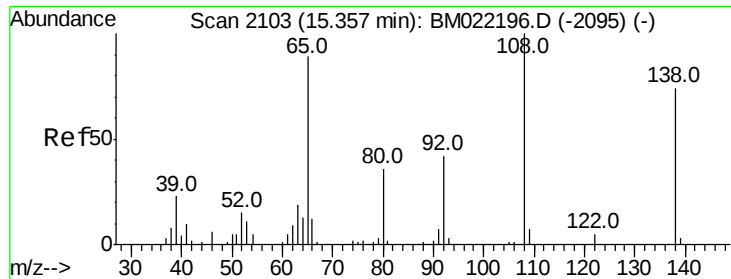
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 29.709 ng

RT: 15.35 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA\_M

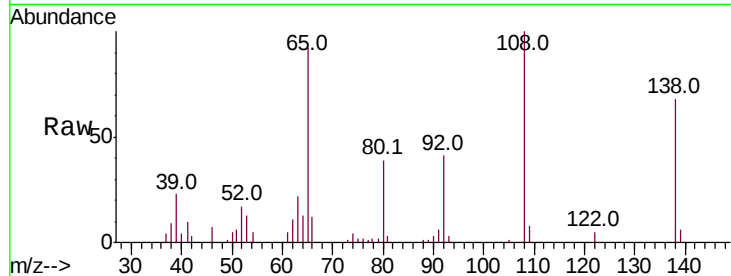
ClientSampleId :

SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 60.2  | 29.1  | 69.1  |
| 108     | 146.1 | 59.2  | 99.2  |

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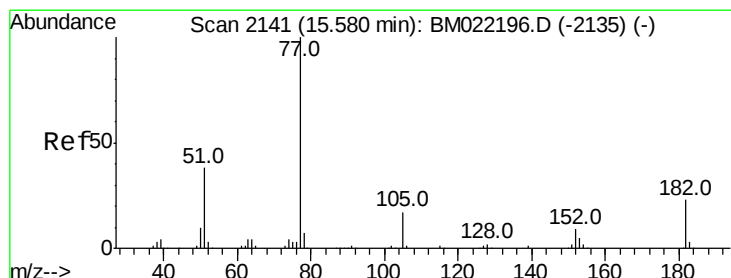
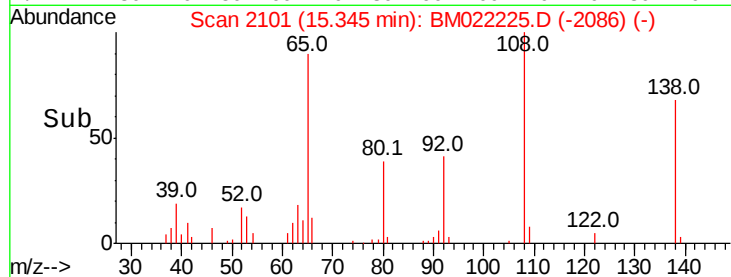
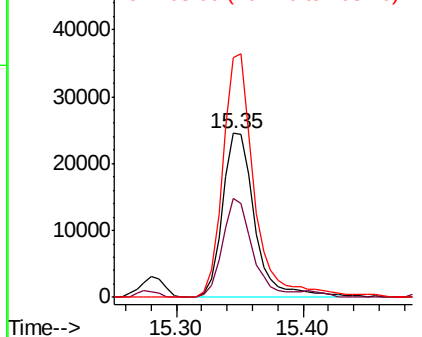


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 32.742 ng

RT: 15.57 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.7  | 12.6  | 52.6  |
| 105     | 16.6  | 1.1   | 41.1  |
| 51      | 38.2  | 6.9   | 46.9  |

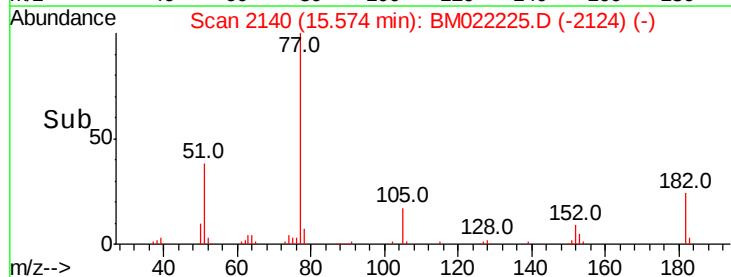
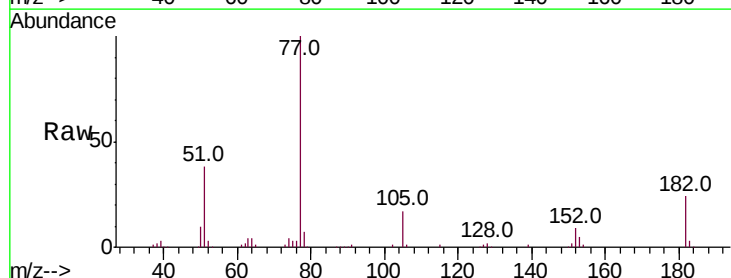
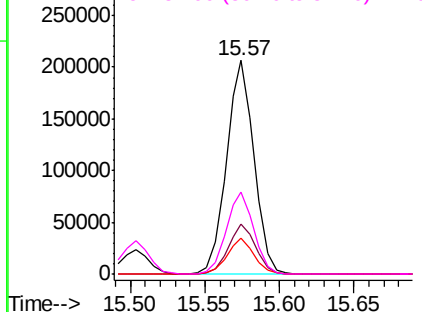
Abundance

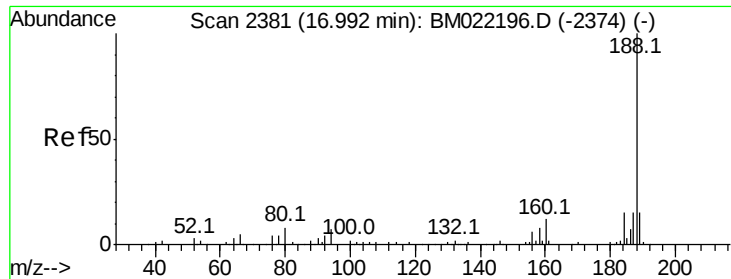
Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA\_M

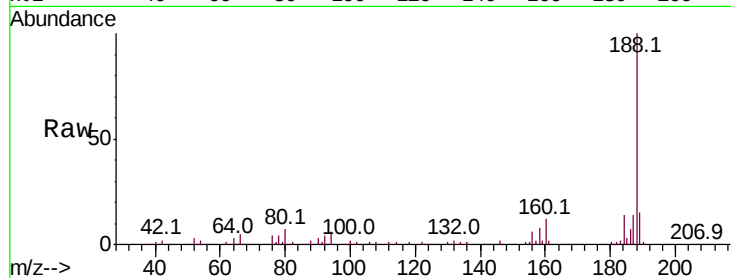
ClientSampleId :

SB-05(13-14)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 188482 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 6.3   | 5.8   | 8.8    |
| 80        | 7.4   | 6.9   | 10.3   |

Manual Integrations  
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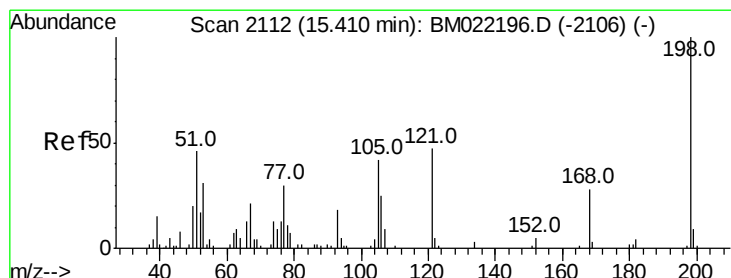
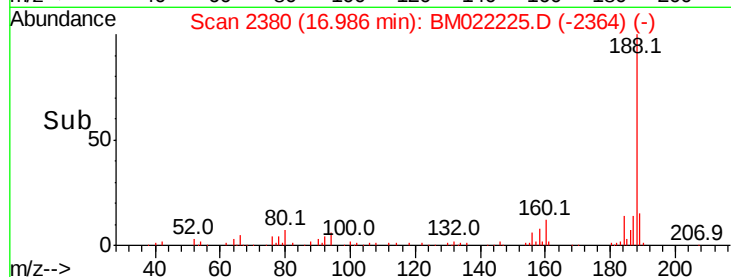
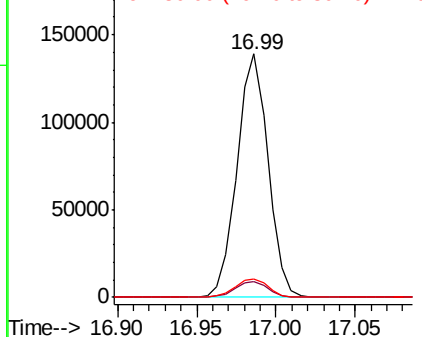
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8/22/2019 2:00:05 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

4,6-Dinitro-2-methylphenol

Concen: 27.301 ng

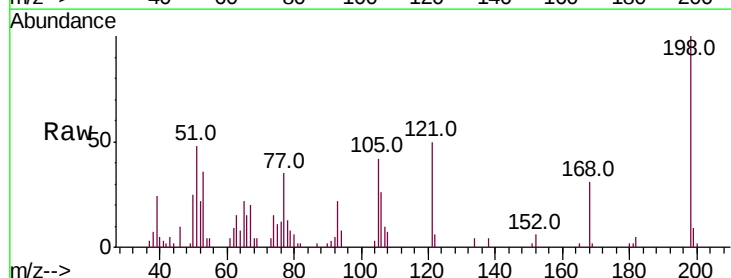
RT: 15.40 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

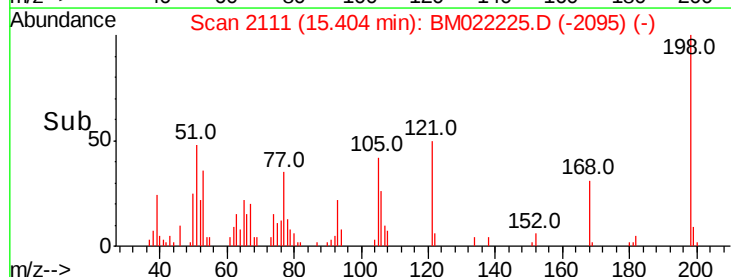
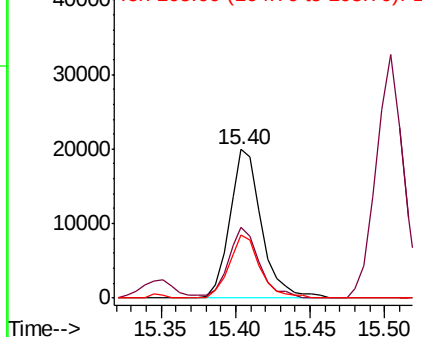
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 29600 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 47.7  | 15.3  | 55.3  |
| 105       | 42.2  | 16.8  | 56.8  |

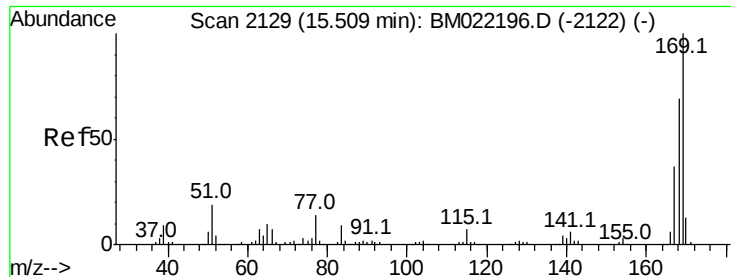


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





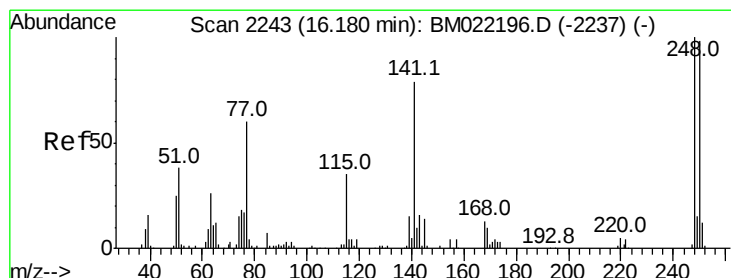
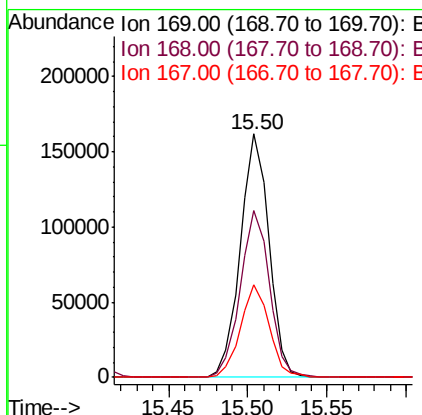
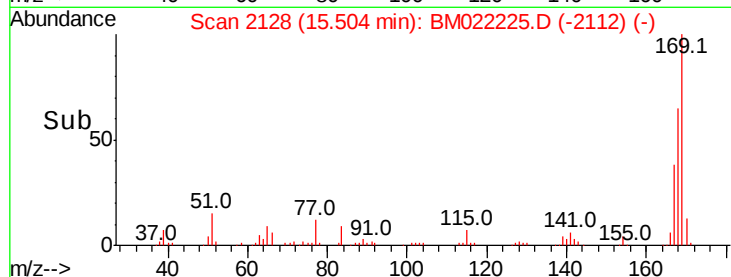
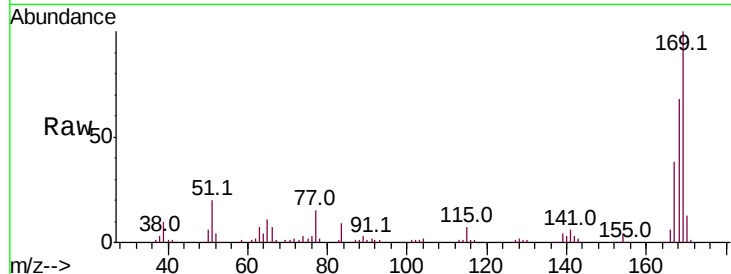
#66  
 n-Nitrosodiphenylamine  
 Concen: 33.543 ng  
 RT: 15.50 min Scan# 2128  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 169     | 100   |      |       |       |
| 168     | 68.5  | 54.5 | 81.7  |       |
| 167     | 38.0  | 29.0 | 43.6  |       |

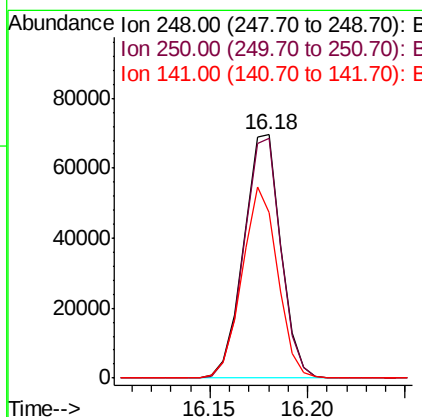
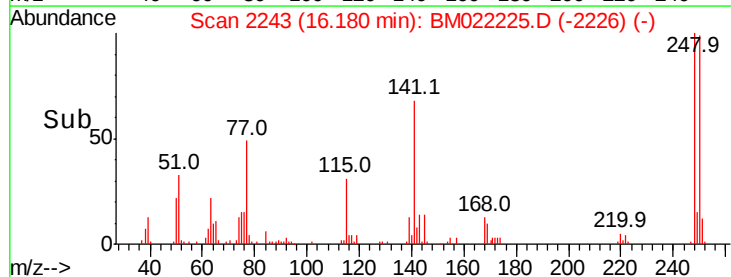
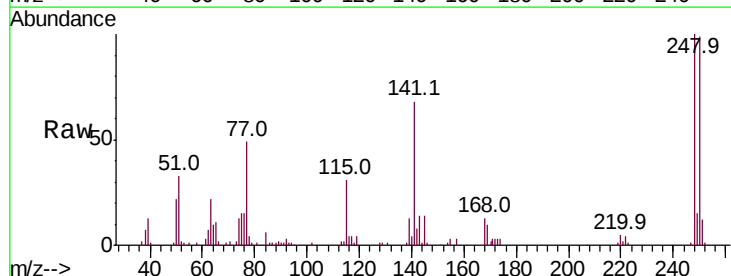
Manual Integrations  
 APPROVED

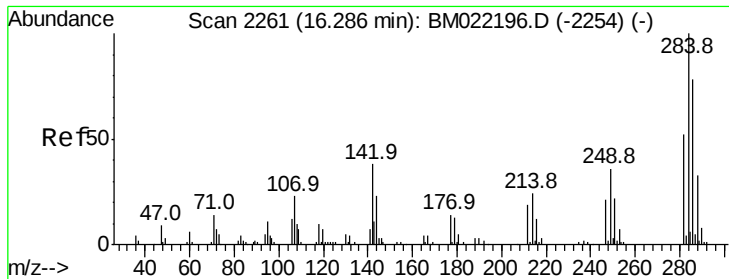
Jagrut  
 8/22/2019 2:00:05 PM



#67  
 4-Bromophenyl-phenylether  
 Concen: 32.834 ng  
 RT: 16.18 min Scan# 2243  
 Delta R.T. 0.00 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 248     | 100   |      |       |       |
| 250     | 98.5  | 77.5 | 116.3 |       |
| 141     | 68.1  | 47.8 | 71.6  |       |





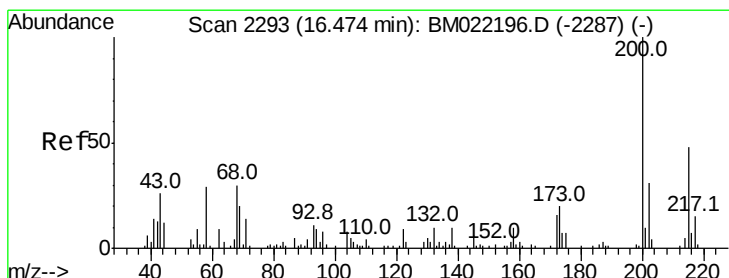
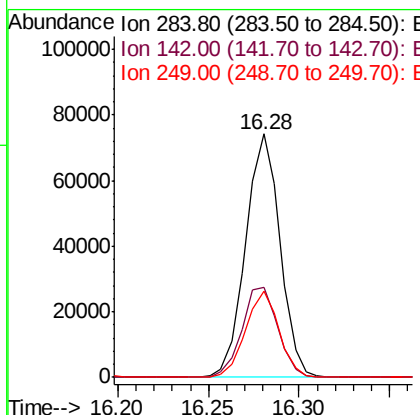
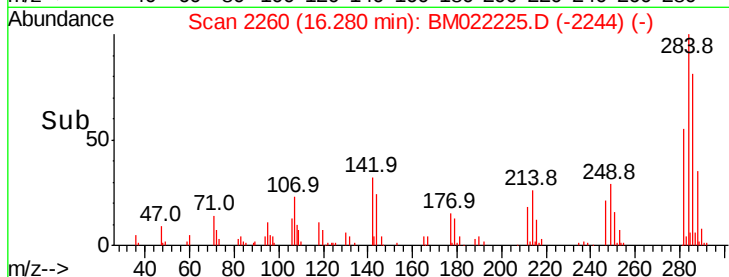
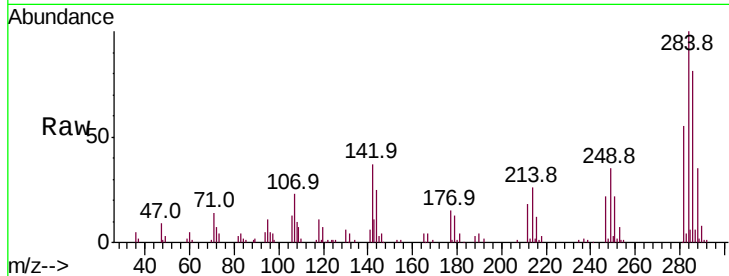
#68  
Hexachlorobenzene  
Concen: 30.846 ng  
RT: 16.28 min Scan# 2260  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 284     | 100   |            |       |
| 142     | 37.1  | 21.2       | 31.8# |
| 249     | 35.2  | 23.4       | 35.0# |

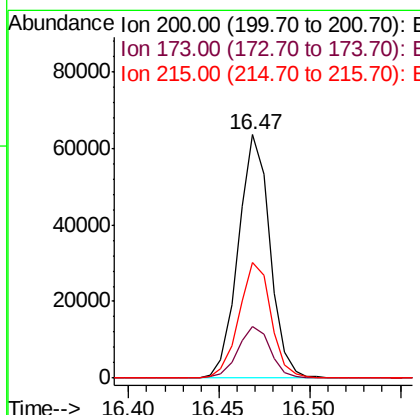
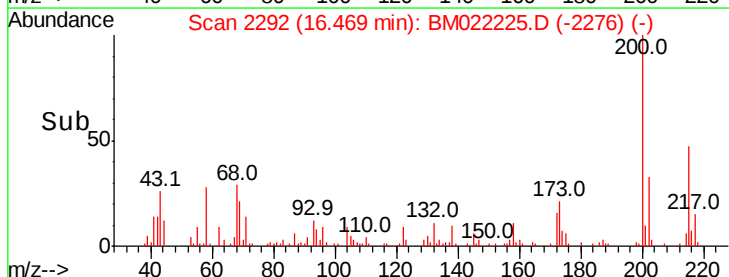
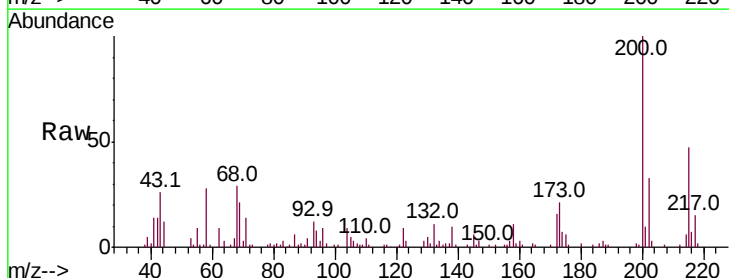
Manual Integrations  
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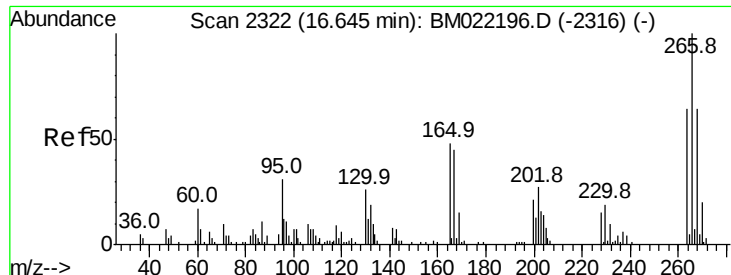
Jagrut  
8/22/2019 2:00:05 PM



#69  
Atrazine  
Concen: 38.455 ng  
RT: 16.47 min Scan# 2292  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 21.3  | 4.3        | 44.3  |
| 215     | 47.4  | 28.2       | 68.2  |





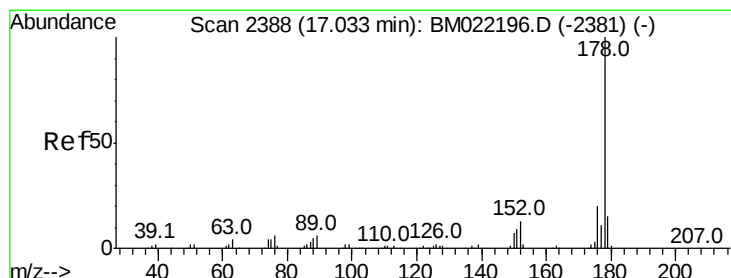
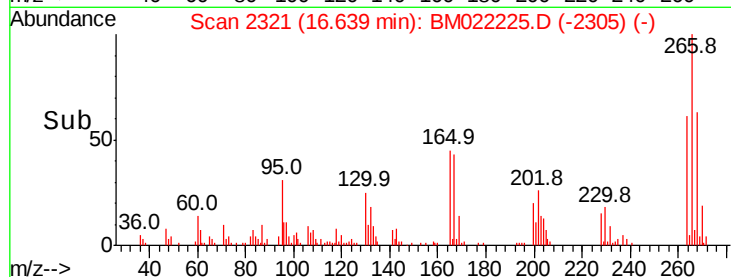
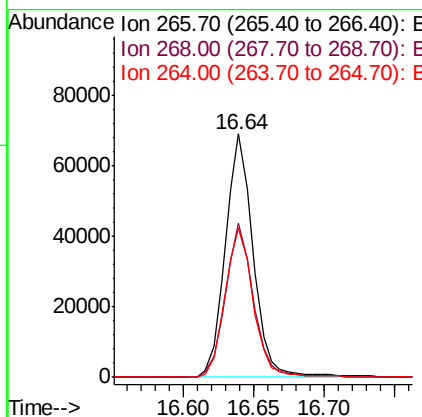
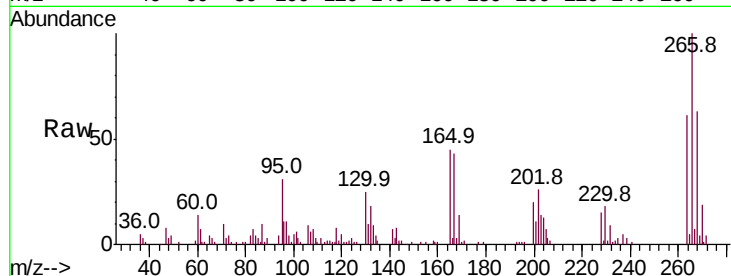
#70  
 Pentachlorophenol  
 Concen: 61.157 ng  
 RT: 16.64 min Scan# 2321  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.4  | 51.0  | 76.4  |
| 264     | 61.4  | 49.9  | 74.9  |

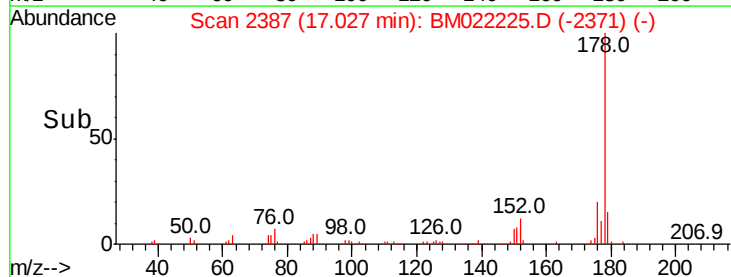
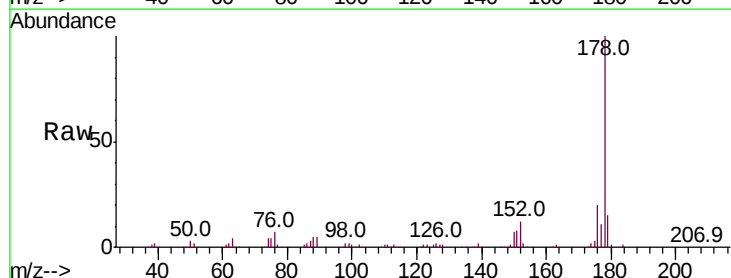
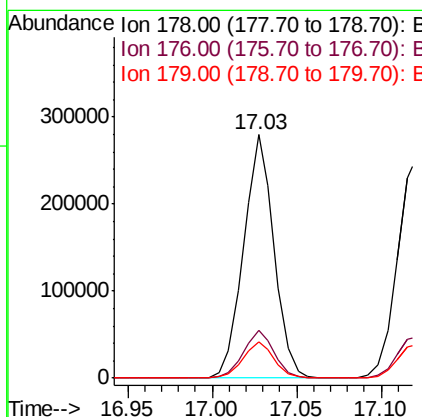
Manual Integrations  
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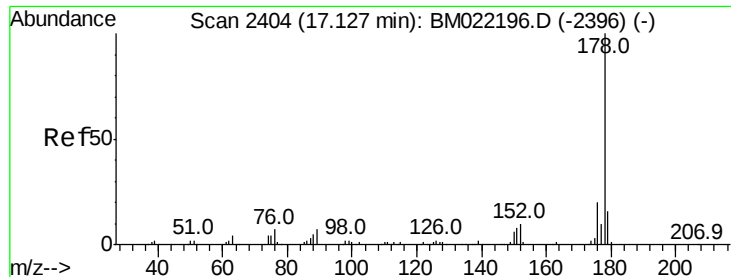
Jagrut  
 8/22/2019 2:00:05 PM



#71  
 Phenanthrene  
 Concen: 32.006 ng  
 RT: 17.03 min Scan# 2387  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.2  | 22.8  |
| 179     | 15.1  | 12.2  | 18.4  |





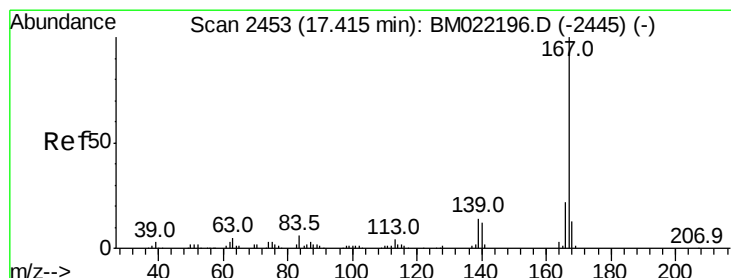
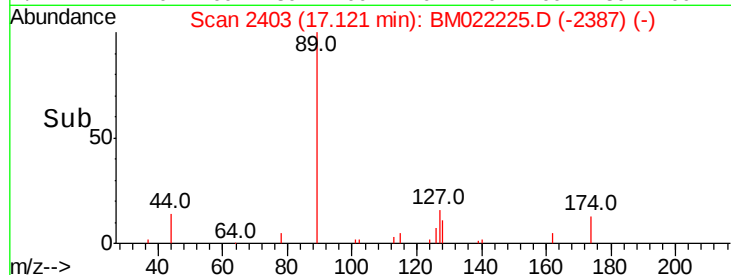
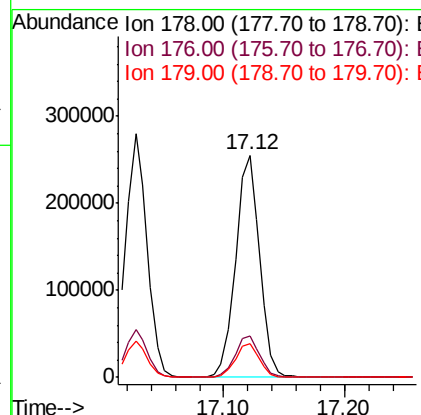
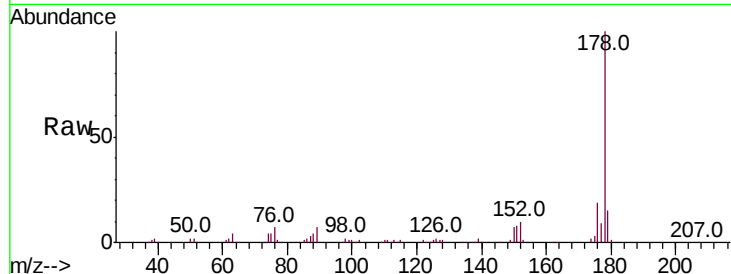
#72  
 Anthracene  
 Concen: 32.290 ng  
 RT: 17.12 min Scan# 2403  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampled :  
 SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 14.7  | 22.1  |
| 179     | 15.2  | 12.2  | 18.2  |

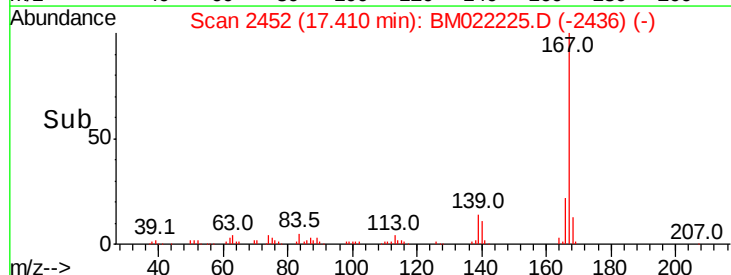
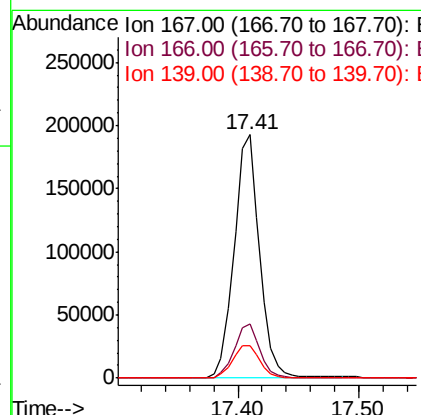
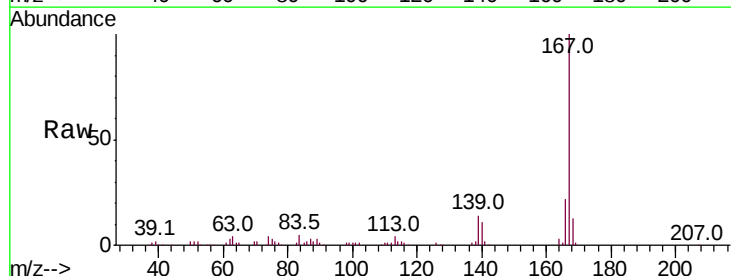
Manual Integrations  
 APPROVED

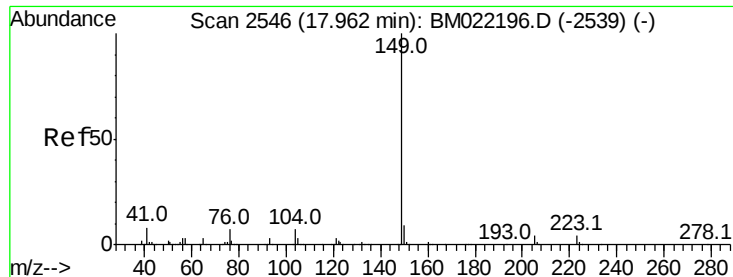
Jagrut  
 8/22/2019 2:00:05 PM



#73  
 Carbazole  
 Concen: 31.311 ng  
 RT: 17.41 min Scan# 2452  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.4  | 26.2  |
| 139     | 13.6  | 9.7   | 14.5  |





#74

Di-n-butylphthalate

Concen: 29.938 ng

RT: 17.96 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA\_M

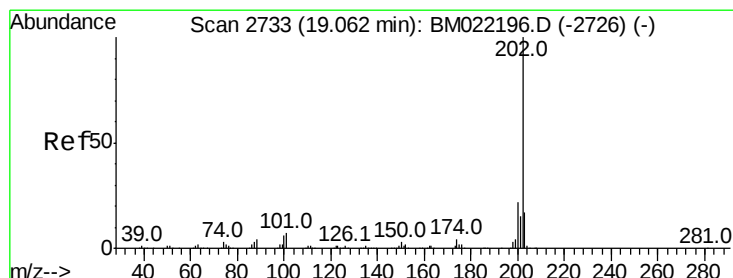
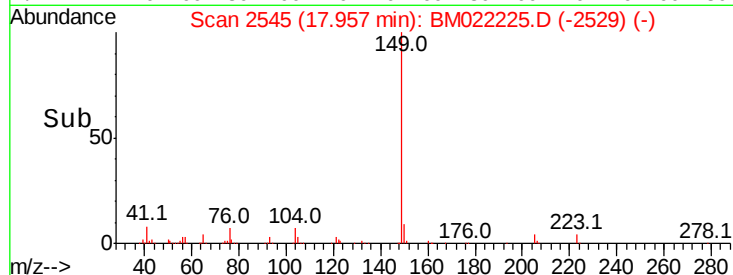
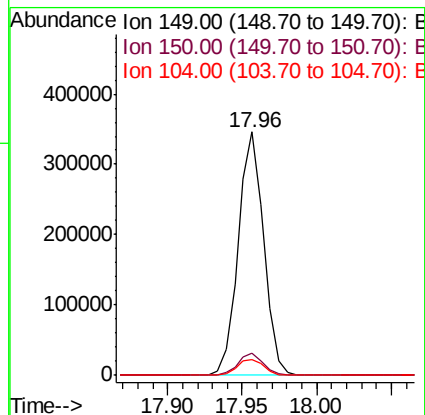
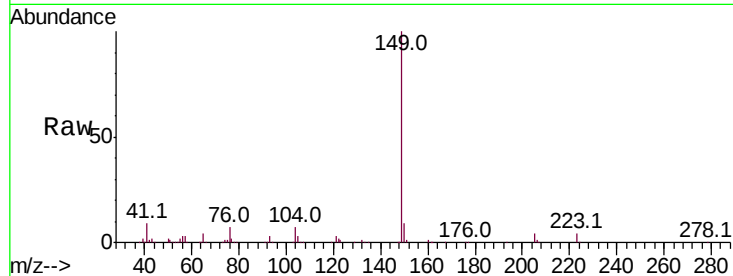
ClientSampleId :

SB-05(13-14)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 411253 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.9   | 7.4   | 11.0   |
| 104       | 6.7   | 3.8   | 5.8    |

Manual Integrations  
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Jagrut  
8/22/2019 2:00:05 PM



#75

Fluoranthene

Concen: 29.666 ng

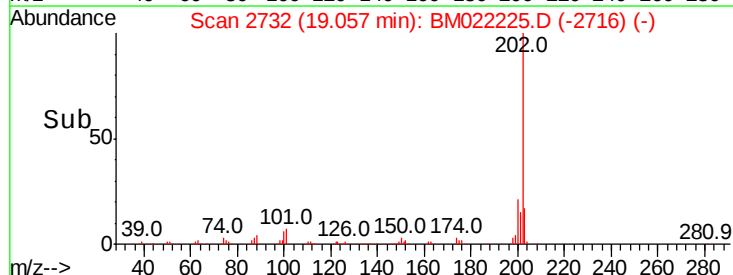
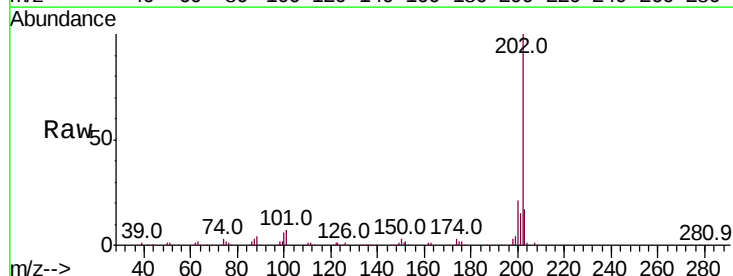
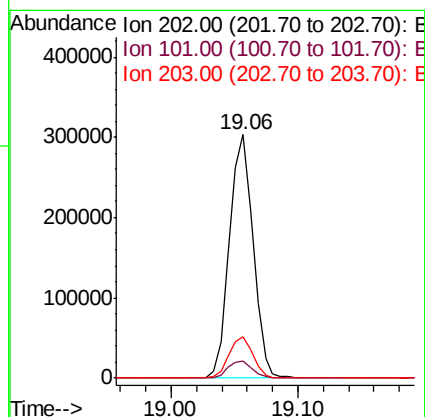
RT: 19.06 min Scan# 2732

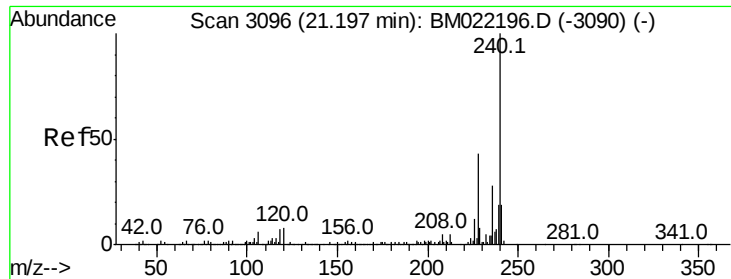
Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 391028 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 7.1   | 0.0   | 28.2   |
| 203       | 17.1  | 0.0   | 37.6   |





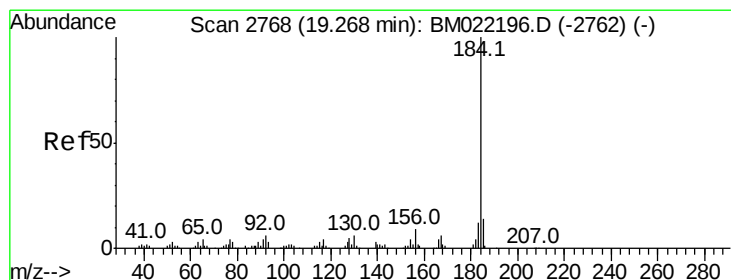
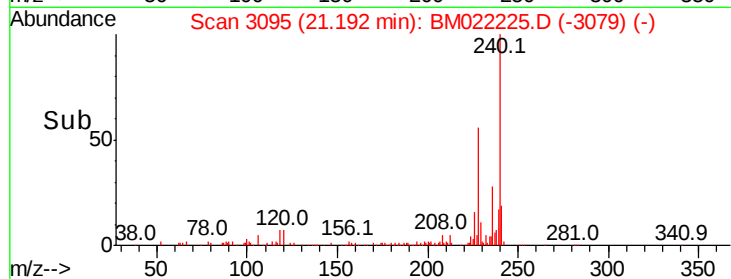
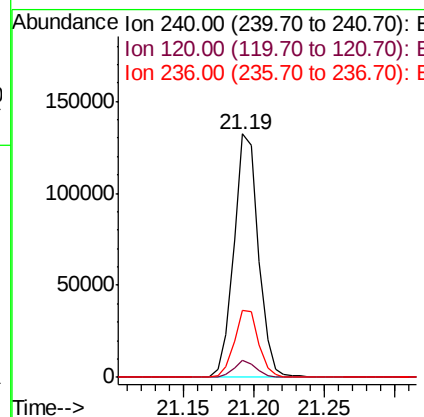
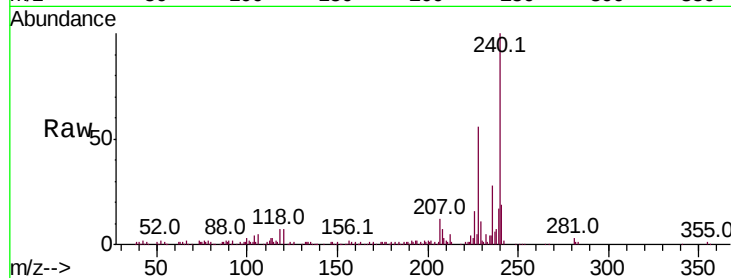
#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.19 min Scan# 3095  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.0   | 6.9   | 10.3  |
| 236     | 27.6  | 20.4  | 30.6  |

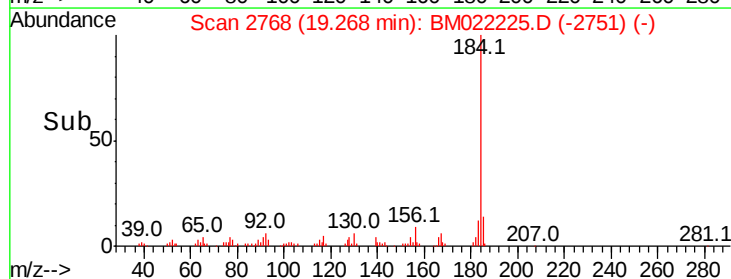
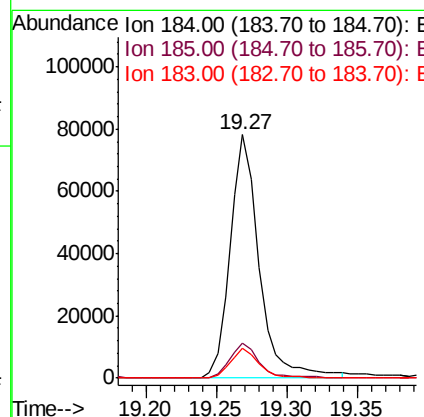
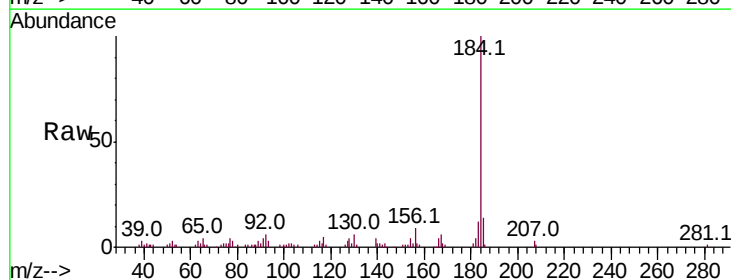
Manual Integrations  
 APPROVED

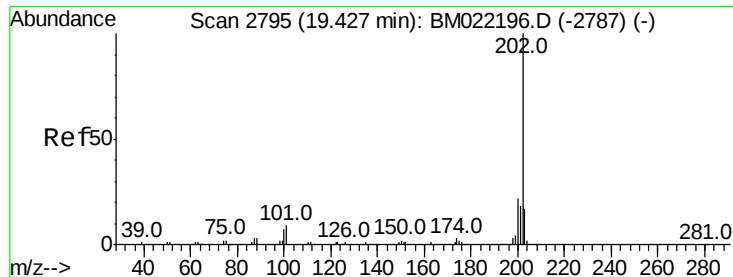
Jagrut  
 8/22/2019 2:00:05 PM



#77  
 Benzidine  
 Concen: 31.201 ng  
 RT: 19.27 min Scan# 2768  
 Delta R.T. 0.00 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.5  | 11.4  | 17.2  |
| 183     | 12.4  | 9.6   | 14.4  |





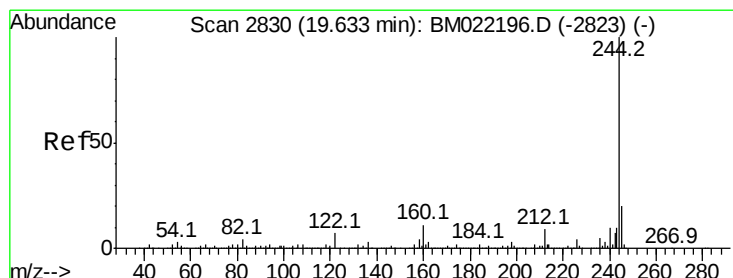
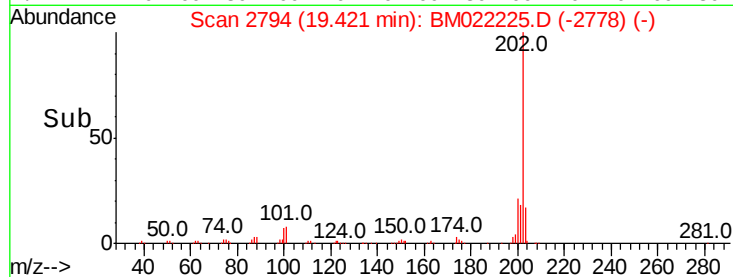
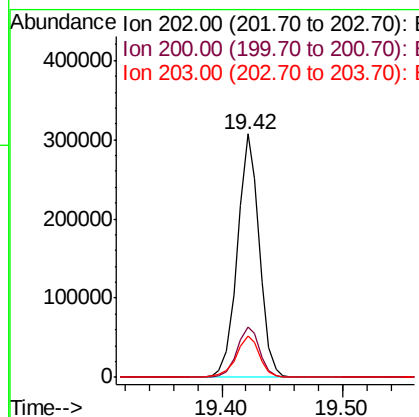
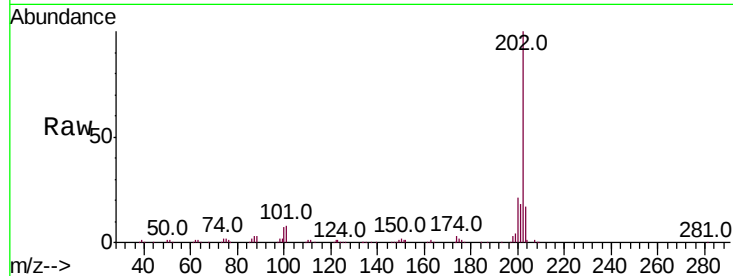
#78  
Pvrene  
Concen: 34.453 ng  
RT: 19.42 min Scan# 2794  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 20.9  | 17.0       | 25.4  |
| 203     | 16.8  | 14.0       | 21.0  |

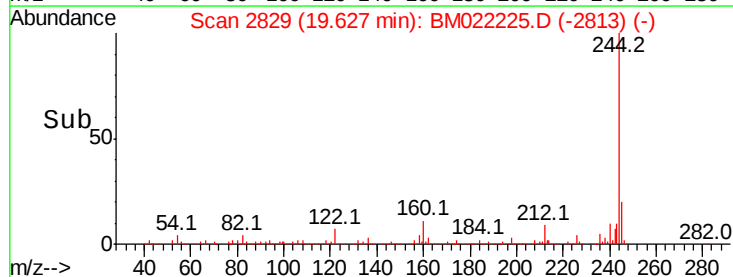
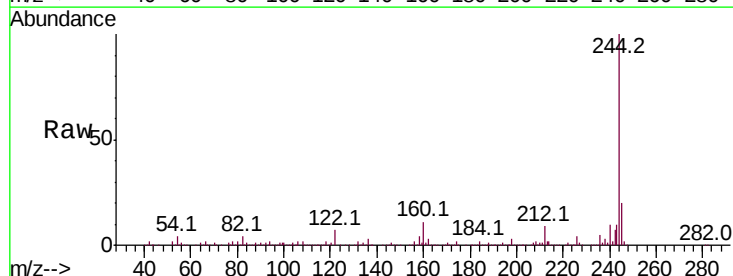
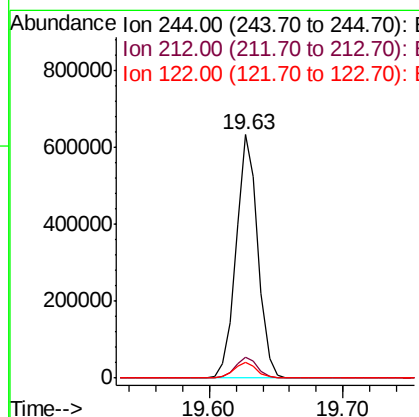
Manual Integrations  
APPROVED

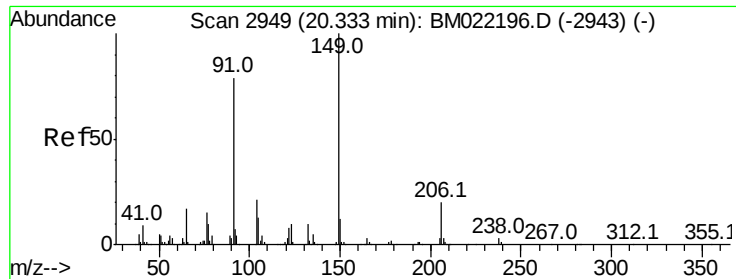
Jagrut  
8/22/2019 2:00:05 PM



#79  
Terphenyl-d14  
Concen: 65.330 ng  
RT: 19.63 min Scan# 2829  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 8.6   | 5.3        | 7.9#  |
| 122     | 6.7   | 6.6        | 9.8   |





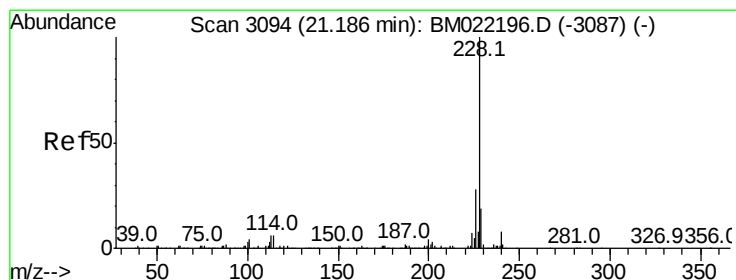
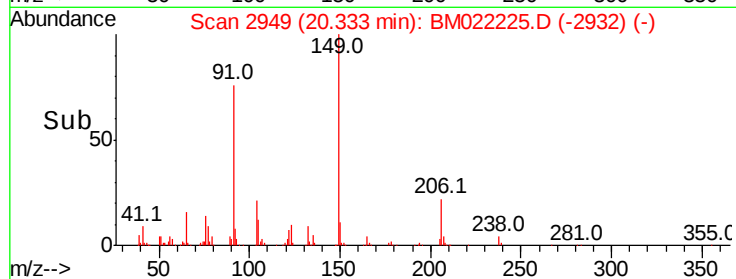
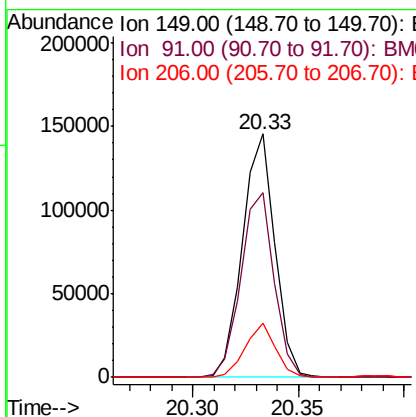
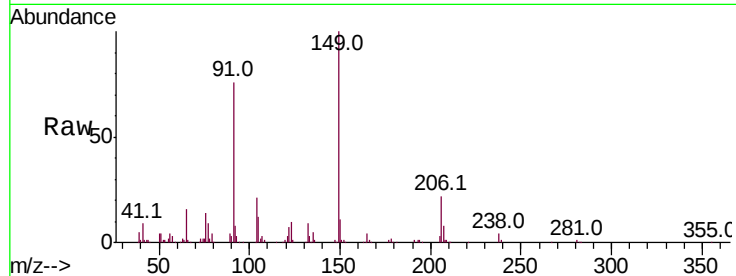
#80  
Butylbenzylphthalate  
Concen: 30.912 ng  
RT: 20.33 min Scan# 2949  
Delta R.T. 0.00 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 155630 |       |       |
| 91      | 76.1  | 50.9   | 76.3  |       |
| 206     | 22.3  | 19.7   | 29.5  |       |

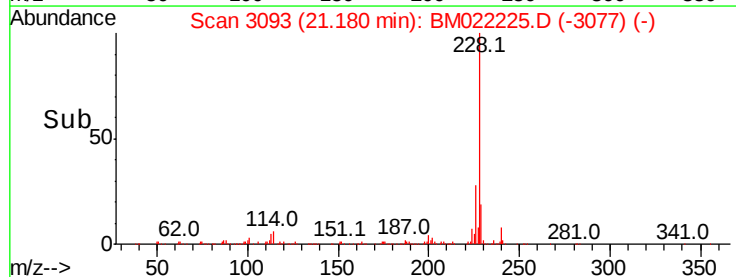
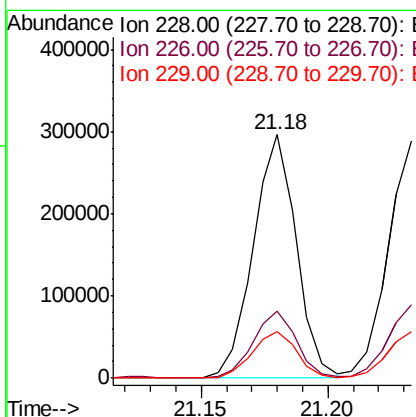
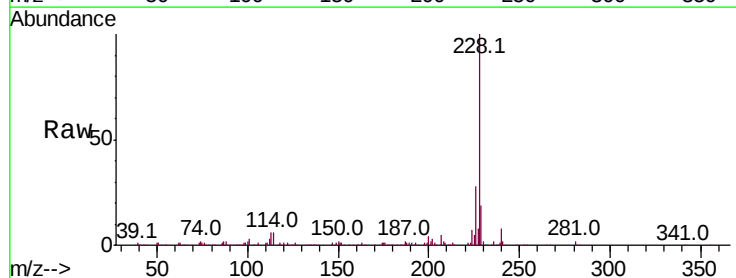
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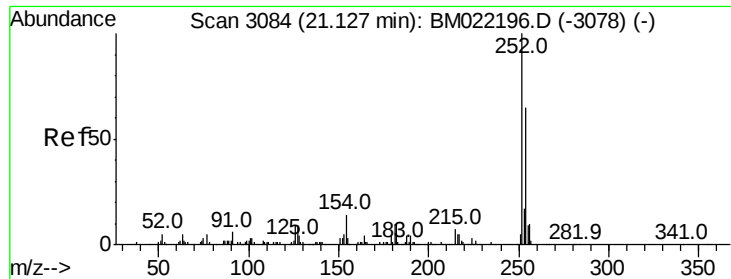
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#81  
Benzo(a)anthracene  
Concen: 31.202 ng  
RT: 21.18 min Scan# 3093  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 350909 |       |       |
| 226     | 27.6  | 21.6   | 32.4  |       |
| 229     | 19.3  | 15.5   | 23.3  |       |





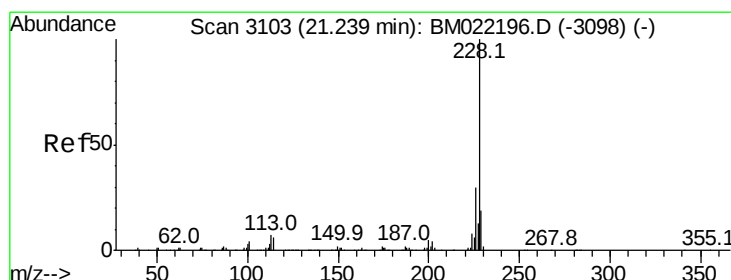
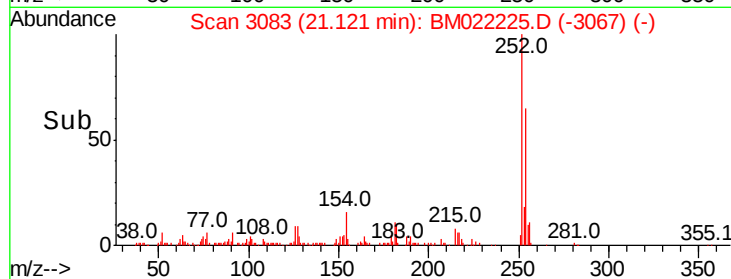
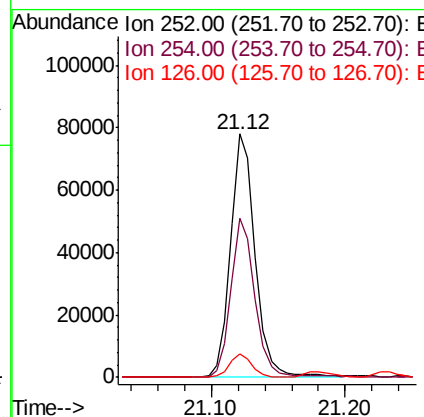
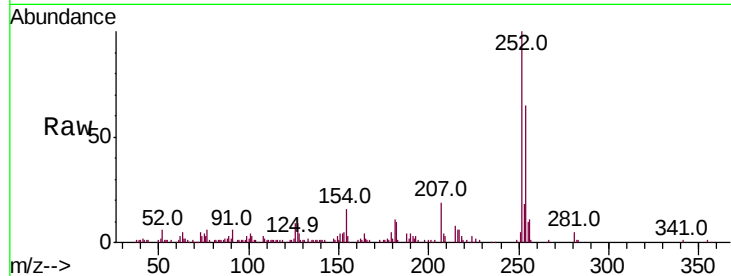
#82  
 3,3'-Dichlorobenzidine  
 Concen: 25.846 ng  
 RT: 21.12 min Scan# 3083  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.3  | 51.7  | 77.5  |
| 126     | 9.4   | 6.6   | 9.8   |

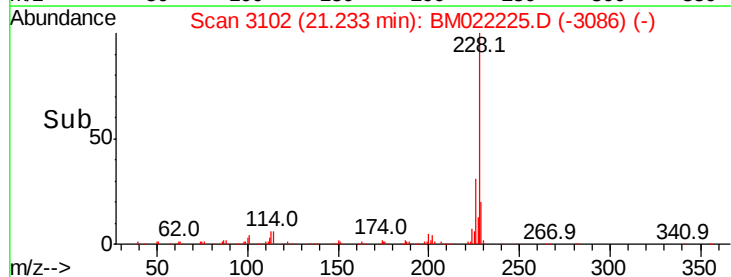
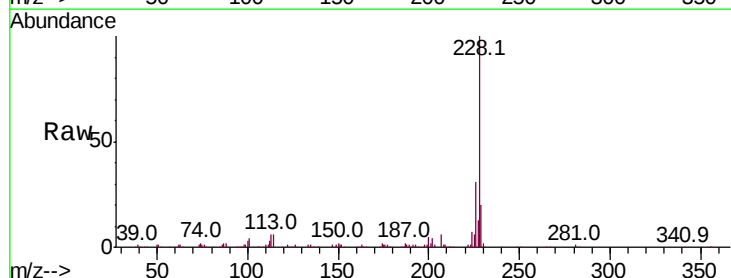
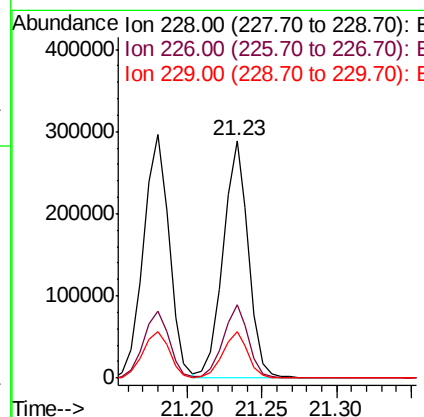
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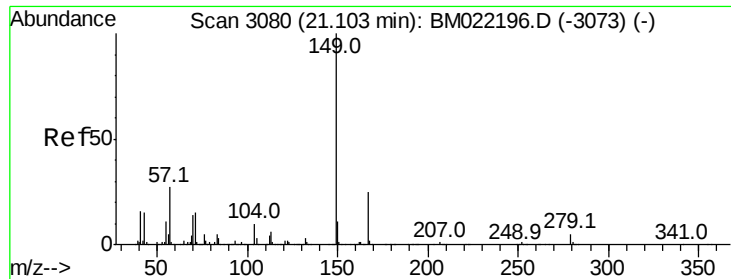
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 8/22/2019 2:00:05 PM



#83  
 Chrysene  
 Concen: 31.464 ng  
 RT: 21.23 min Scan# 3102  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 24.1  | 36.1  |
| 229     | 19.5  | 15.6  | 23.4  |





#84

Bis(2-ethylhexyl)phthalate

Concen: 31.159 ng

RT: 21.10 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA\_M

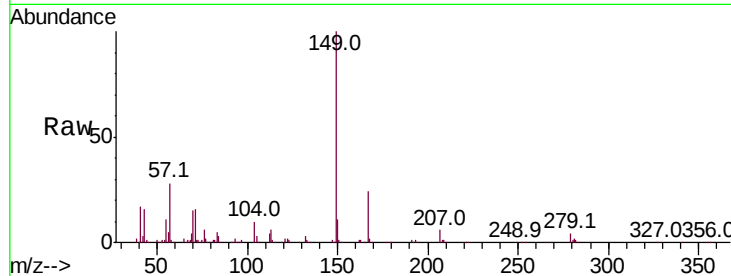
ClientSampleId :

SB-05(13-14)MS

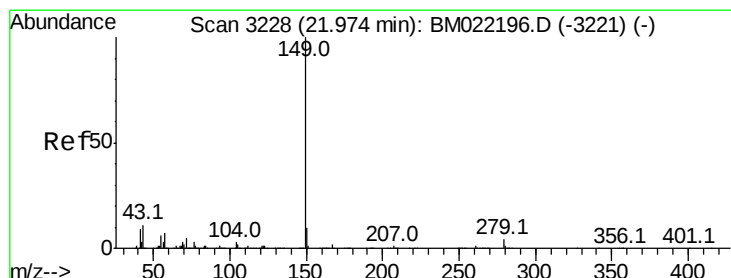
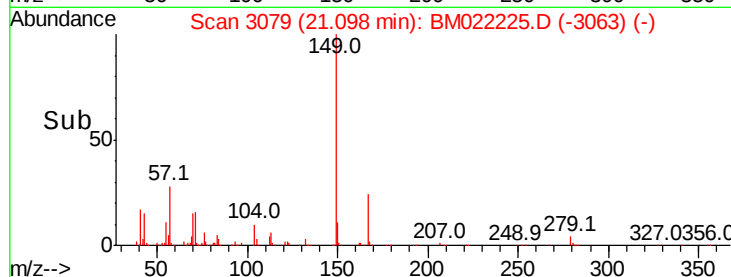
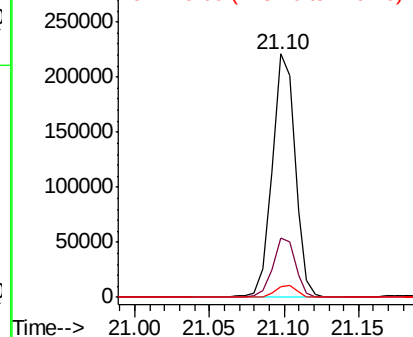
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 235918 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 24.2  | 23.0  | 34.4   |
| 279       | 4.5   | 4.6   | 7.0#   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 29.747 ng

RT: 21.97 min Scan# 3227

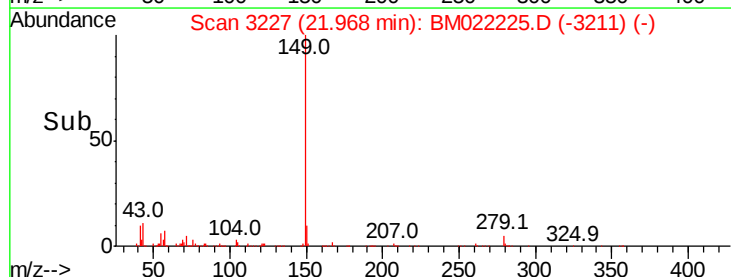
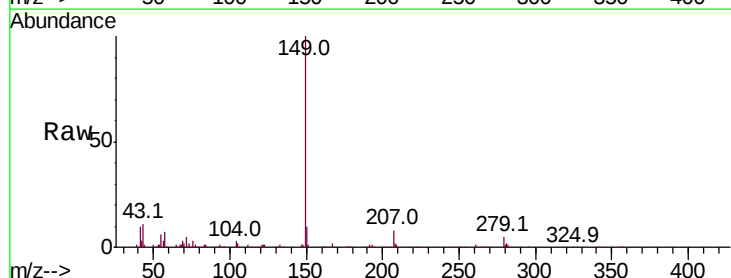
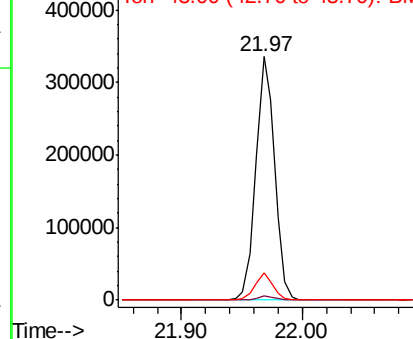
Delta R.T. -0.01 min

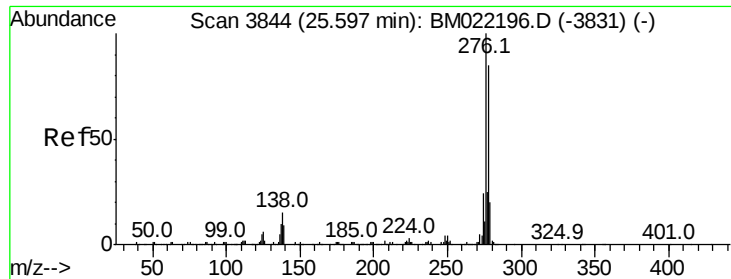
Lab File: BM022225.D

Acq: 21 Aug 2019 12:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 364557 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.3   | 1.9    |
| 43        | 10.7  | 6.2   | 9.2#   |

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): BM0





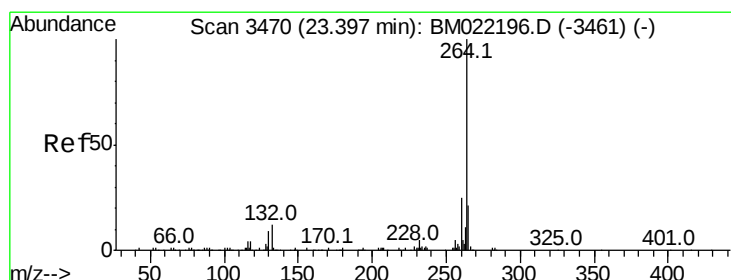
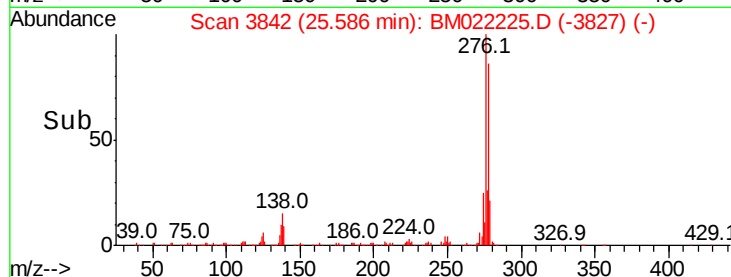
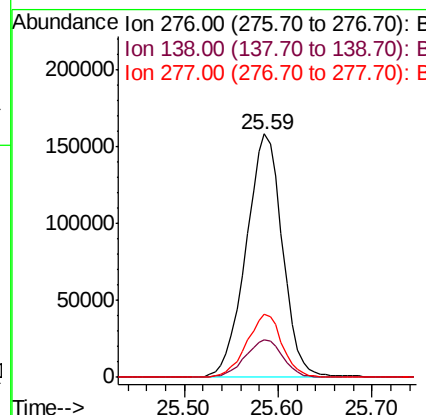
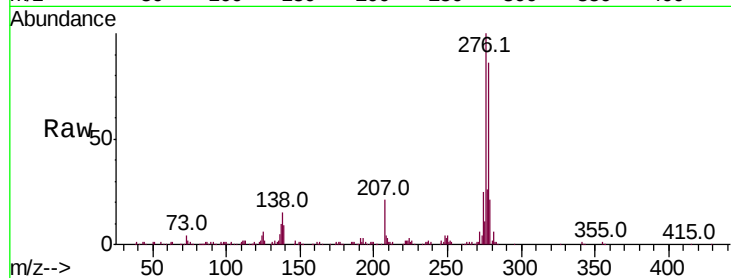
#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 34.858 ng  
 RT: 25.59 min Scan# 3842  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 423900 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 15.9  | 15.4  | 23.0   |
| 277       | 25.4  | 20.4  | 30.6   |

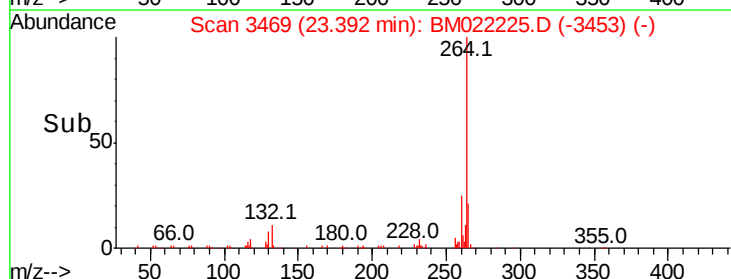
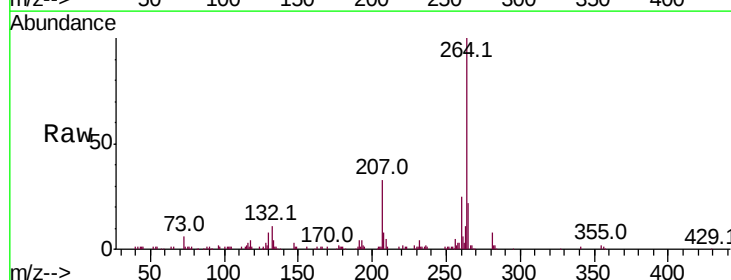
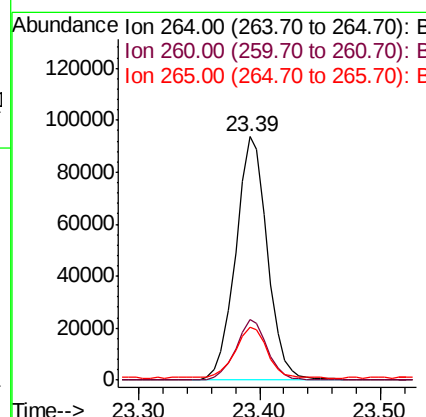
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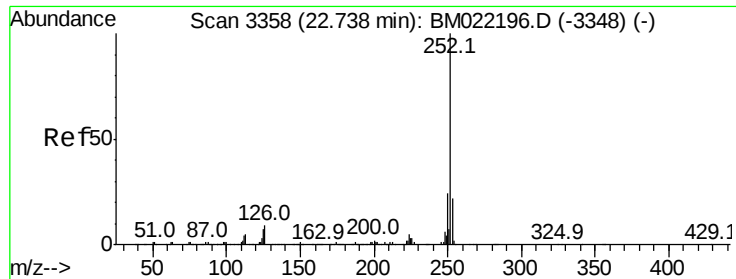
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#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.39 min Scan# 3469  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 171501 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 25.0  | 19.0  | 28.4   |
| 265       | 21.9  | 17.7  | 26.5   |





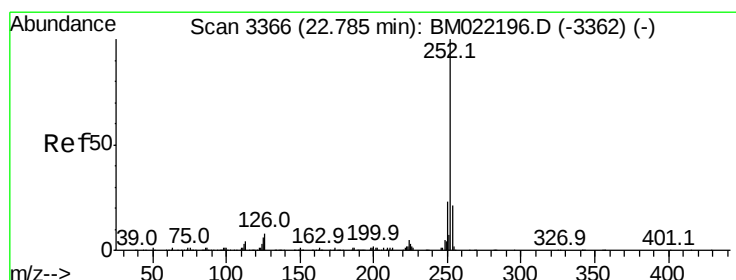
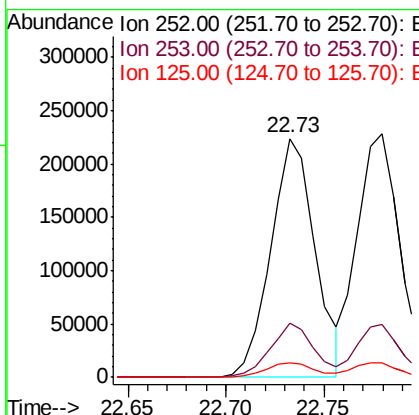
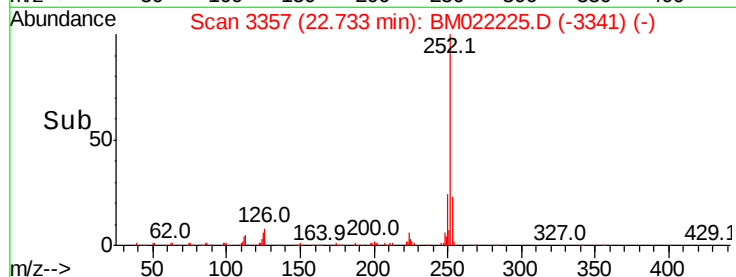
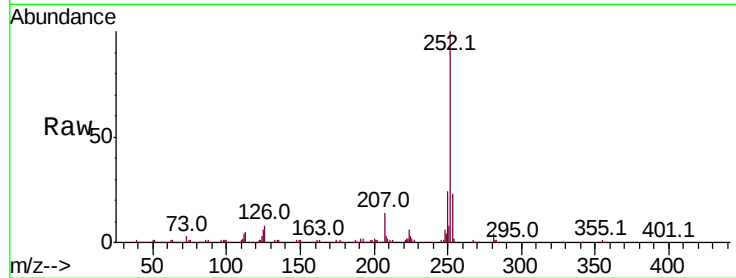
#88  
Benzo(b)fluoranthene  
Concen: 30.878 ng m  
RT: 22.73 min Scan# 3357  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.4  | 26.0  |
| 125     | 5.9   | 5.9   | 8.9#  |

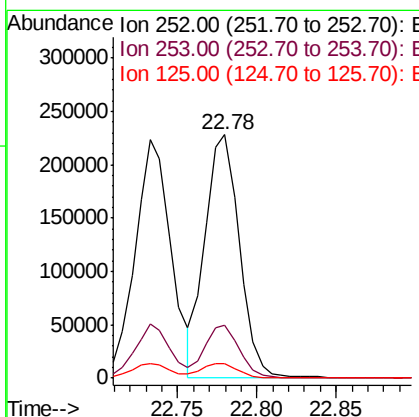
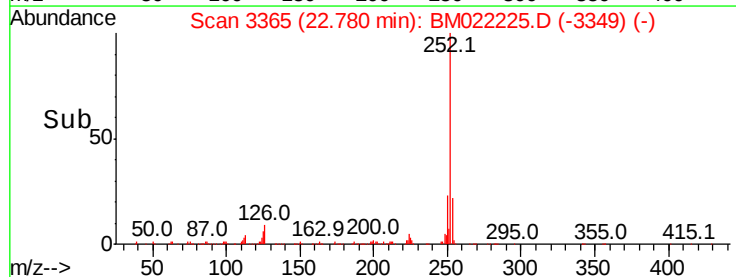
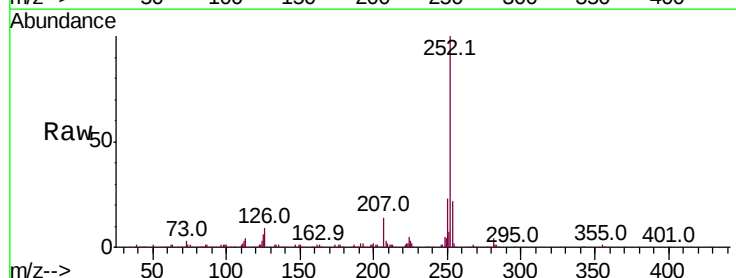
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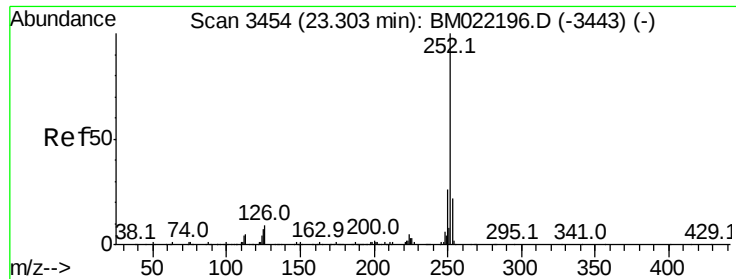
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#89  
Benzo(k)fluoranthene  
Concen: 30.684 ng  
RT: 22.78 min Scan# 3365  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.5  | 26.3  |
| 125     | 6.1   | 5.9   | 8.9   |





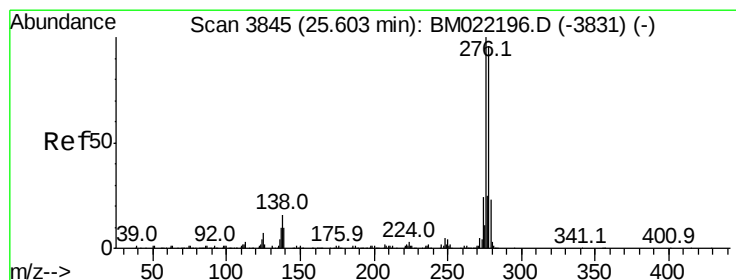
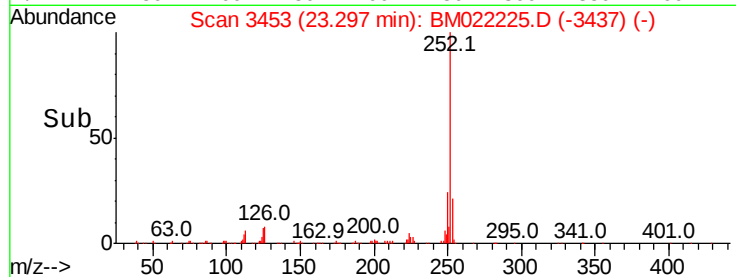
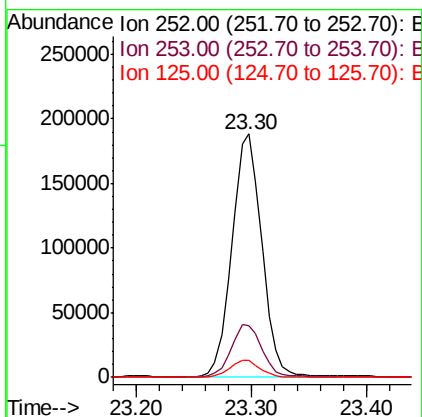
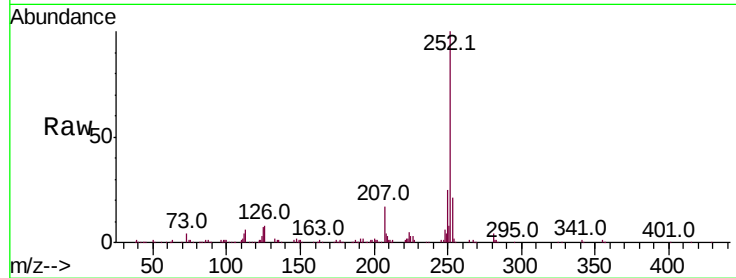
#90  
Benzo(a)pyrene  
Concen: 32.490 ng  
RT: 23.30 min Scan# 3453  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

Instrument :  
BNA\_M  
ClientSampleId :  
SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.2  | 17.5  | 26.3  |
| 125     | 6.9   | 6.6   | 10.0  |

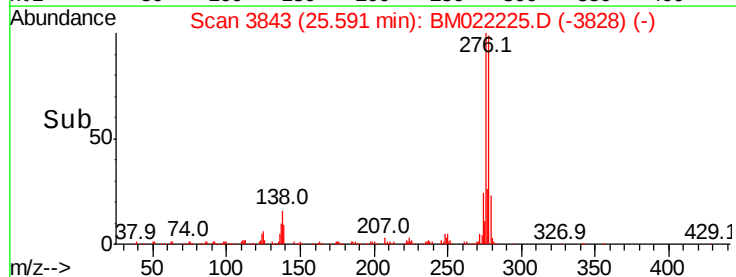
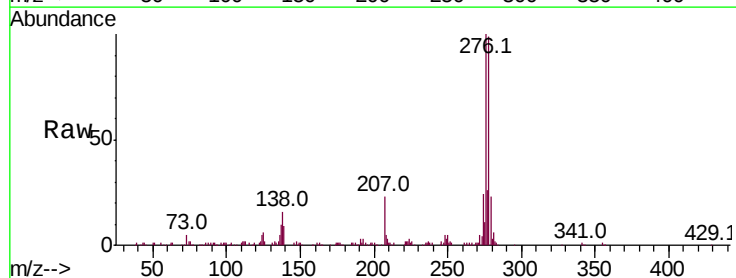
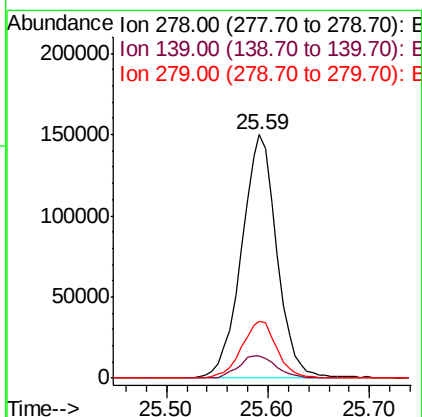
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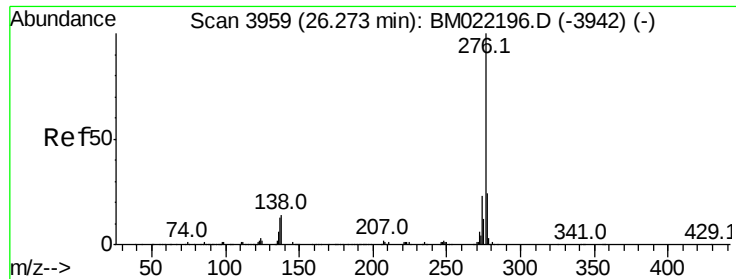
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#91  
Dibenzo(a,h)anthracene  
Concen: 32.582 ng  
RT: 25.59 min Scan# 3843  
Delta R.T. -0.01 min  
Lab File: BM022225.D  
Acq: 21 Aug 2019 12:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.1   | 9.8   | 14.8# |
| 279     | 23.2  | 18.7  | 28.1  |





#92  
 Benzo(a,h,i)perylene  
 Concen: 34.392 ng  
 RT: 26.26 min Scan# 3957  
 Delta R.T. -0.01 min  
 Lab File: BM022225.D  
 Acq: 21 Aug 2019 12:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-05(13-14)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 18.8  | 28.2  |
| 138     | 12.8  | 13.1  | 19.7  |

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