

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\  
 Data File : BM019016.D  
 Acq On : 04 Mar 2019 19:05  
 Operator : JU/SJ  
 Sample : K1655-08MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0C1-TWPMSD

Manual Integrations  
 APPROVED

Sohil  
 3/5/2019 5:23:48 PM

Quant Time: Mar 05 04:11:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 05 03:36:13 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 272931   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.47 | 136  | 1160822  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.33 | 164  | 670558   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.09 | 188  | 1517233  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.29 | 240  | 1350169  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.53 | 264  | 1144777  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.27  | 112 | 813723  | 48.85  | ng | 0.00 |
| 7) Phenol-d6             | 6.86  | 99  | 729274  | 31.08  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.85  | 82  | 1887174 | 75.17  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.83 | 330 | 1106839 | 114.51 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.94 | 172 | 3806943 | 75.36  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.72 | 244 | 5920609 | 90.46  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.23  | 88  | 90028   | 12.409 | ng | 98     |
| 3) Pyridine                    | 3.65  | 79  | 115250  | 5.824  | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.56  | 42  | 79823   | 15.855 | ng | 91     |
| 6) Aniline                     | 7.02  | 93  | 324008  | 11.269 | ng | 99     |
| 8) 2-Chlorophenol              | 7.25  | 128 | 510854  | 27.933 | ng | 99     |
| 9) Benzaldehyde                | 6.84  | 77  | 502864  | 38.936 | ng | 99     |
| 10) Phenol                     | 6.88  | 94  | 340217  | 13.779 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.12  | 93  | 666619  | 35.392 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.56  | 146 | 651996  | 31.705 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.72  | 146 | 669121  | 31.961 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.03  | 146 | 656361  | 32.639 | ng | 99     |
| 15) Benzyl Alcohol             | 7.93  | 79  | 414380  | 22.223 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.21  | 45  | 678948  | 37.244 | ng | 96     |
| 17) 2-Methylphenol             | 8.13  | 107 | 367261  | 23.370 | ng | 98     |
| 18) Hexachloroethane           | 8.74  | 117 | 242063  | 31.673 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.49  | 70  | 661792  | 36.423 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.45  | 107 | 454201  | 20.930 | ng | 98     |
| 22) Acetophenone               | 8.51  | 105 | 1086697 | 34.089 | ng | # 99   |
| 24) Nitrobenzene               | 8.89  | 77  | 910886  | 34.955 | ng | 98     |
| 25) Isophorone                 | 9.41  | 82  | 1661123 | 41.468 | ng | 99     |
| 26) 2-Nitrophenol              | 9.59  | 139 | 339091  | 32.675 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.65  | 122 | 517713  | 34.156 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.89  | 93  | 974407  | 37.617 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.12 | 162 | 557434  | 32.029 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.33 | 180 | 663954  | 33.034 | ng | 97     |
| 31) Naphthalene                | 10.52 | 128 | 2101773 | 37.124 | ng | 100    |
| 32) Benzoic acid               | 9.76  | 122 | 110097m | 8.327  | ng |        |
| 33) 4-Chloroaniline            | 10.65 | 127 | 247089  | 9.763  | ng | 96     |
| 34) Hexachlorobutadiene        | 10.78 | 225 | 346193  | 29.674 | ng | 98     |
| 35) Caprolactam                | 11.47 | 113 | 29620m  | 4.170  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.77 | 107 | 617972  | 29.450 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.13 | 142 | 1590906 | 39.912 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.36 | 142 | 1521734 | 39.041 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 756043  | 35.246 | ng | 99     |

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0C1-TWPMDS

Manual Integrations  
 APPROVED

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 3/5/2019 5:23:48 PM

Quant Time: Mar 05 04:11:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 05 03:36:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.47 | 237  | 823212   | 75.062 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.76 | 196  | 486348   | 34.249 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.83 | 196  | 512631   | 34.442 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.16 | 154  | 2068207  | 35.832 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.20 | 162  | 1607225  | 36.051 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.43 | 65   | 563827   | 38.079 | ng    | 99       |
| 49) Acenaphthylene             | 14.06 | 152  | 2647383  | 39.880 | ng    | 100      |
| 50) Dimethylphthalate          | 13.80 | 163  | 2792455  | 49.969 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.93 | 165  | 468979   | 38.740 | ng    | 96       |
| 52) Acenaphthene               | 14.40 | 154  | 1538843  | 37.805 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.26 | 138  | 233658   | 17.083 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 14.47 | 184  | 513034   | 67.740 | ng    | 97       |
| 55) Dibenzofuran               | 14.73 | 168  | 2516023  | 37.606 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.58 | 139  | 227171   | 20.805 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.72 | 165  | 675153   | 40.478 | ng    | 97       |
| 58) Fluorene                   | 15.39 | 166  | 2089545  | 40.824 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 472900   | 35.946 | ng    | 99       |
| 60) Diethylphthalate           | 15.16 | 149  | 2183043  | 37.869 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.38 | 204  | 1020481  | 35.559 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.43 | 138  | 430652   | 32.115 | ng    | 98       |
| 63) Azobenzene                 | 15.67 | 77   | 2334676  | 37.772 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.48 | 198  | 335144   | 31.461 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.60 | 169  | 1748605  | 36.478 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.28 | 248  | 618840   | 36.439 | ng    | 100      |
| 68) Hexachlorobenzene          | 16.38 | 284  | 721535   | 36.552 | ng    | 99       |
| 69) Atrazine                   | 16.56 | 200  | 558539   | 36.142 | ng    | 99       |
| 70) Pentachlorophenol          | 16.73 | 266  | 797236   | 62.724 | ng    | 99       |
| 71) Phenanthrene               | 17.13 | 178  | 3246657  | 39.818 | ng    | 99       |
| 72) Anthracene                 | 17.22 | 178  | 3312016  | 41.732 | ng    | 100      |
| 73) Carbazole                  | 17.50 | 167  | 3034910  | 36.602 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.05 | 149  | 3912299  | 41.027 | ng    | 100      |
| 75) Fluoranthene               | 19.15 | 202  | 3658185  | 38.840 | ng    | 98       |
| 77) Benzidine                  | 19.35 | 184  | 551464   | 18.136 | ng    | 99       |
| 78) Pyrene                     | 19.52 | 202  | 3725897  | 47.514 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.42 | 149  | 1799784  | 50.361 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.27 | 228  | 3219057  | 40.901 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.21 | 252  | 693979   | 22.311 | ng    | 100      |
| 83) Chrysene                   | 21.32 | 228  | 2977659  | 39.472 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 2611988  | 49.937 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.07 | 149  | 4116567  | 46.827 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.81 | 276  | 3023759  | 34.718 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.85 | 252  | 2774657  | 42.363 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 22.90 | 252  | 2679102  | 41.086 | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.43 | 252  | 2564549  | 41.332 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.81 | 278  | 2578251  | 41.942 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.50 | 276  | 2454837  | 42.895 | ng    | 99       |

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





#1

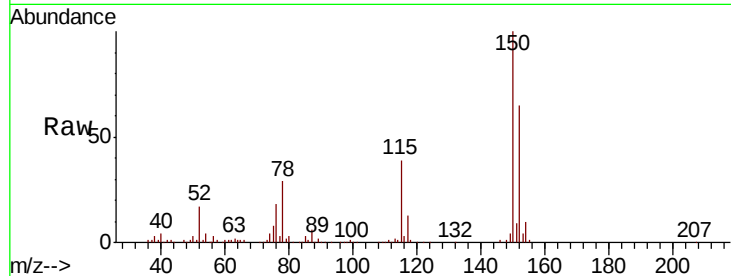
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.68 min Scan# 781  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 152.7 | 127.3 | 190.9 |
| 115     | 59.4  | 50.8  | 76.2  |

Manual Integrations  
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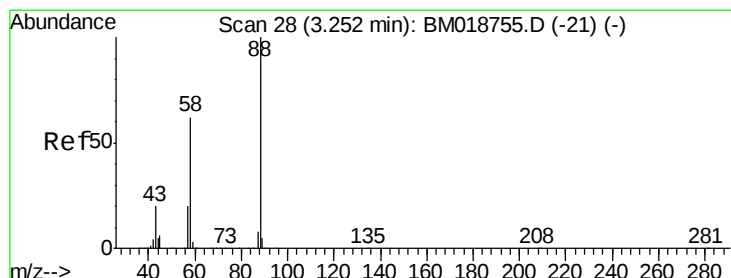
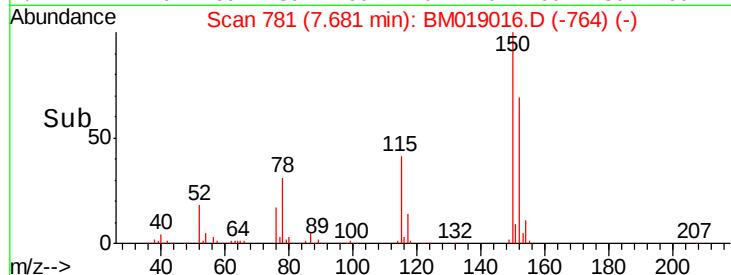
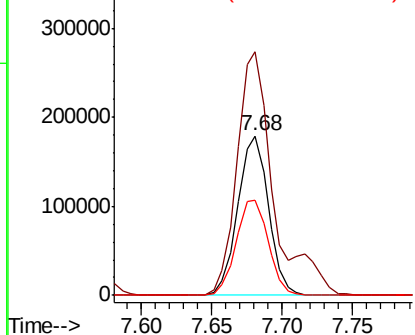


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

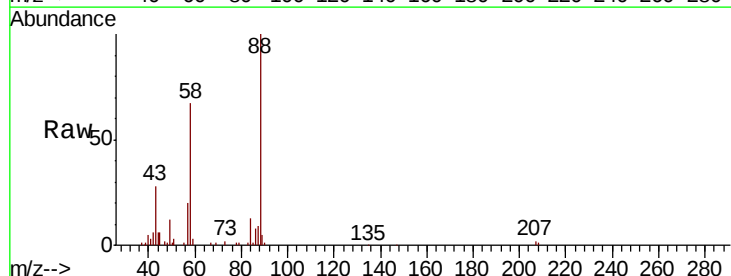
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 12.409 ng  
RT: 3.23 min Scan# 25  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 63.4  | 49.8  | 74.6  |
| 43      | 21.8  | 16.7  | 25.1  |

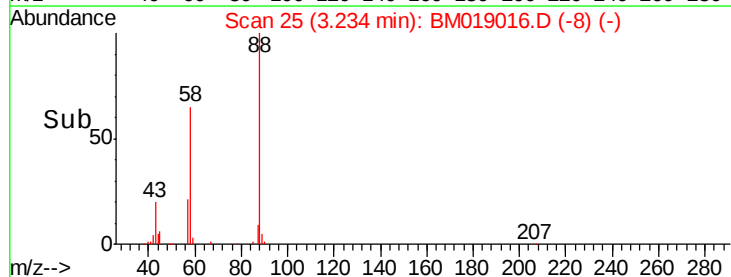
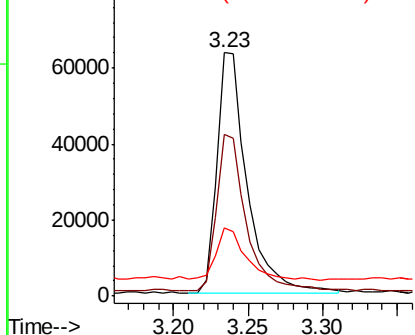


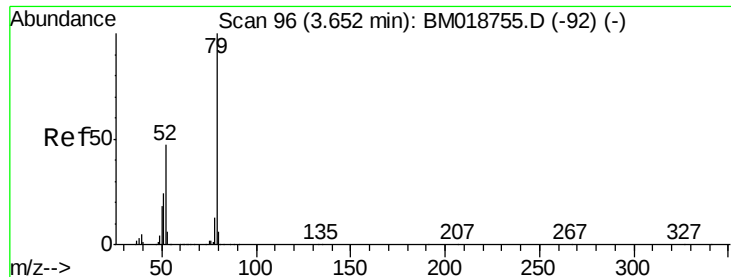
Abundance

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





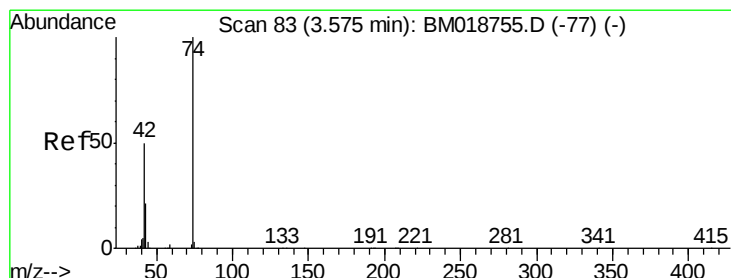
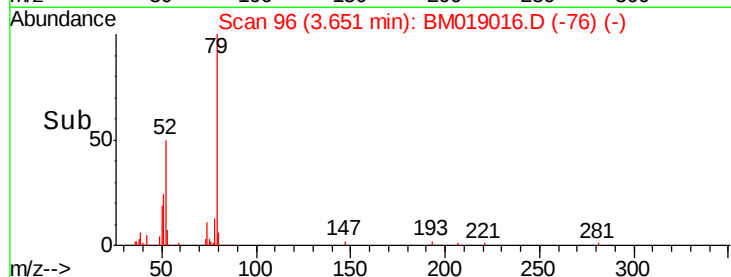
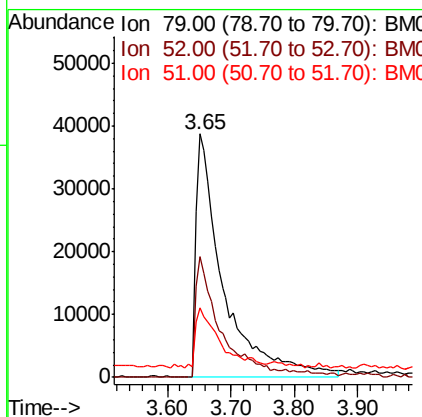
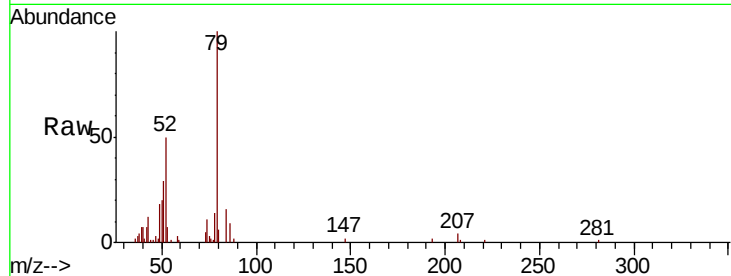
#3  
 Pvridine  
 Concen: 5.824 ng  
 RT: 3.65 min Scan# 96  
 Delta R.T. 0.02 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0C1-TWPMDS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 79      | 100  |       | 115250 |       |       |
| 52      | 49.6 | 37.6  | 56.4   |       |       |
| 51      | 28.6 | 19.7  | 29.5   |       |       |

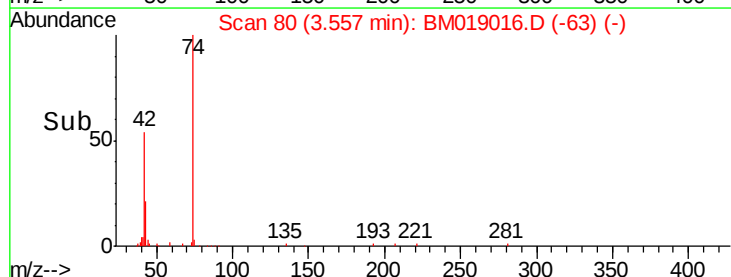
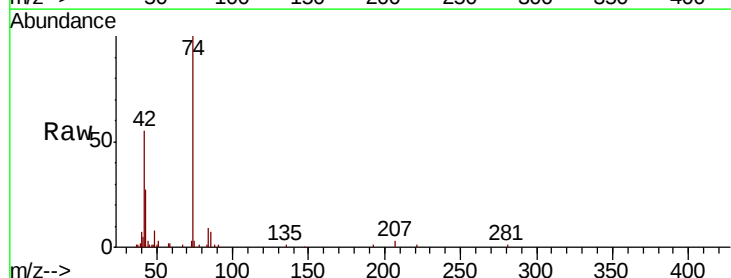
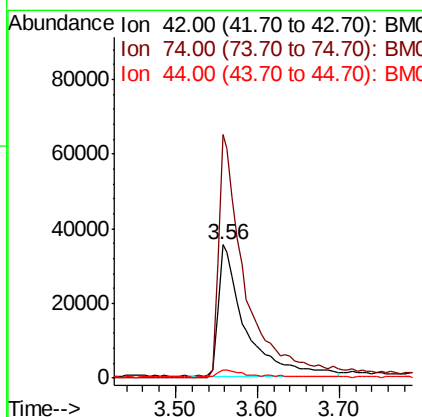
Manual Integrations  
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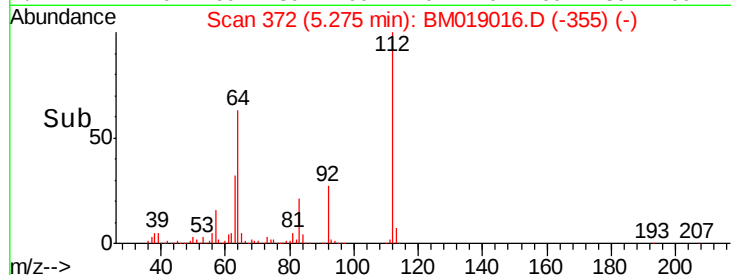
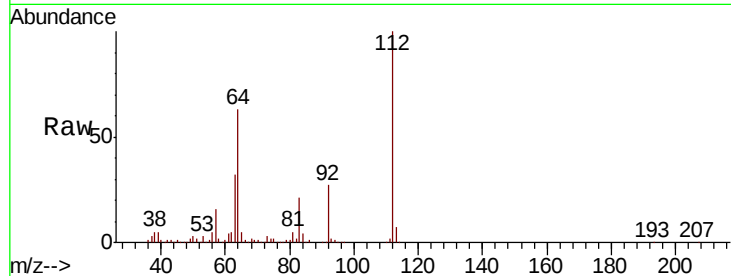
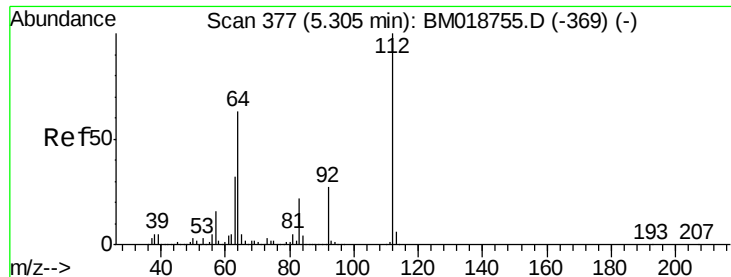
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#4  
 n-Nitrosodimethylamine  
 Concen: 15.855 ng  
 RT: 3.56 min Scan# 80  
 Delta R.T. -0.00 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 42      | 100   |       | 79823 |       |       |
| 74      | 183.1 | 158.1 | 237.1 |       |       |
| 44      | 6.0   | 4.9   | 7.3   |       |       |





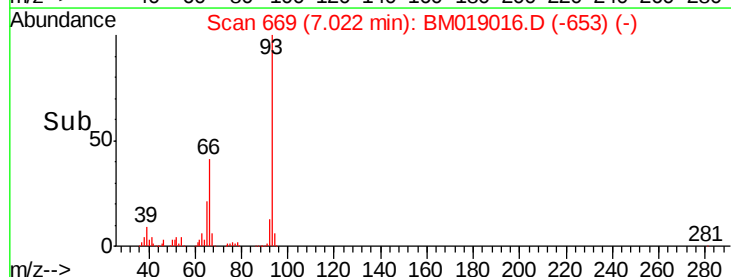
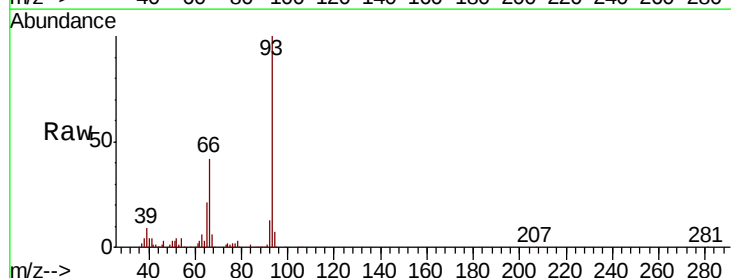
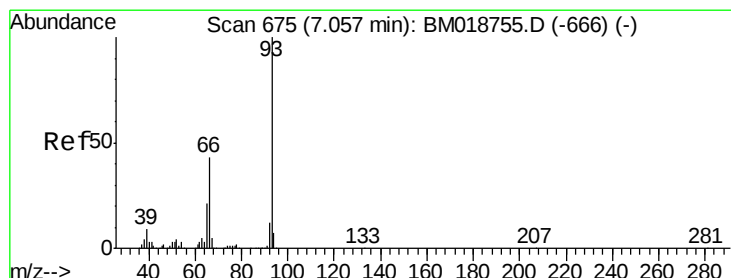
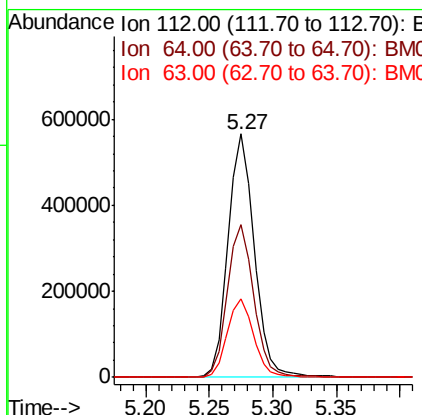
#5  
2-Fluorophenol  
Concen: 48.850 ng  
RT: 5.27 min Scan# 372  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 813723 |       |       |
| 64      | 62.9  |        | 50.6  | 75.8  |
| 63      | 32.2  |        | 25.7  | 38.5  |

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

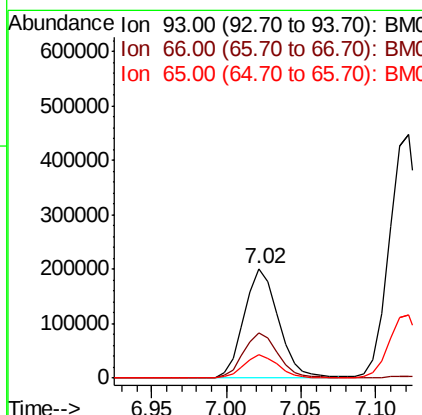
Manual Integrations  
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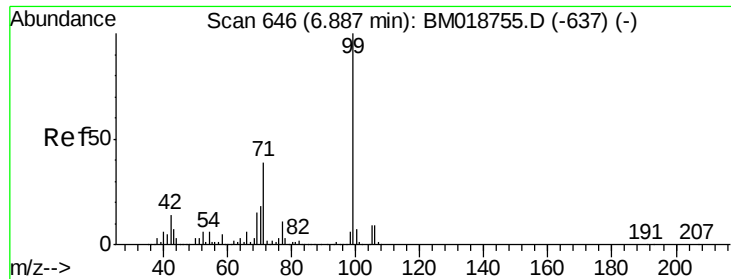
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3/5/2019 5:23:48 PM



#6  
Aniline  
Concen: 11.269 ng  
RT: 7.02 min Scan# 669  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 324008 |       |       |
| 66      | 41.6  |        | 34.1  | 51.1  |
| 65      | 21.2  |        | 16.6  | 24.8  |





#7

Phenol-d6

Concen: 31.077 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

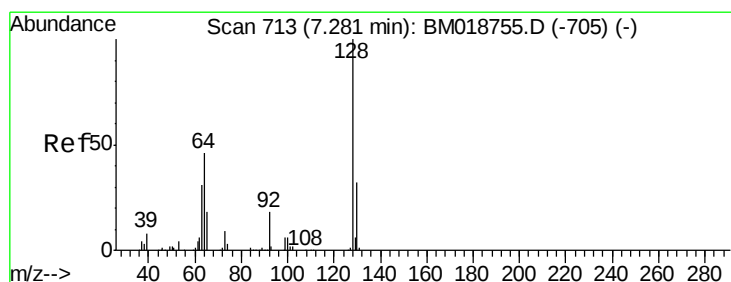
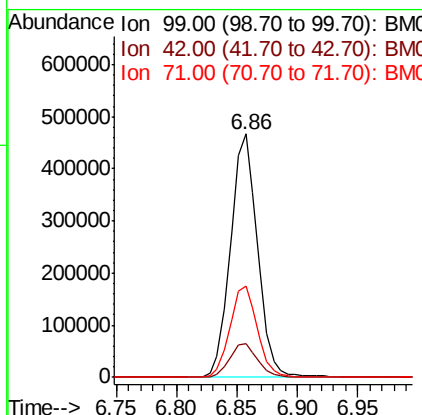
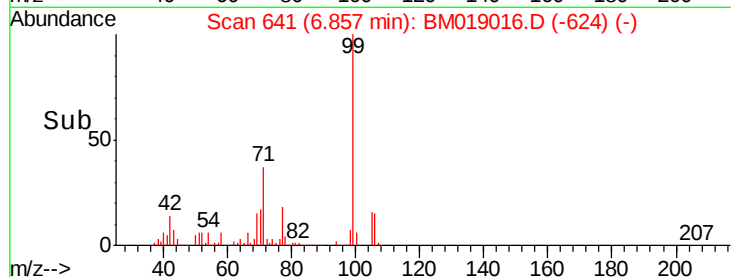
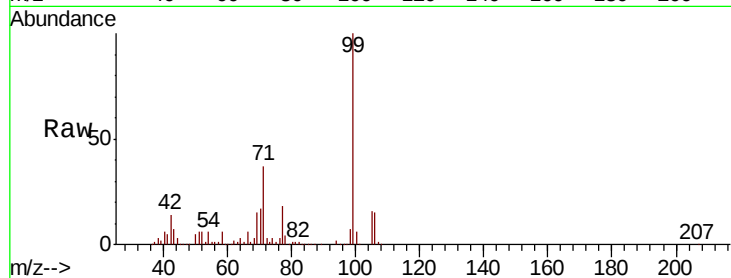
ClientSampleId :

A0C1-TWPMDS

| Tot Ion | 99    | Resp  | 729274 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 99      | 100   |       |        |
| 42      | 14.1  | 11.0  | 16.6   |
| 71      | 37.4  | 31.3  | 46.9   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 27.933 ng

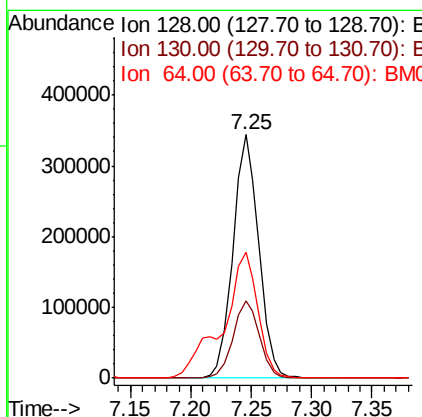
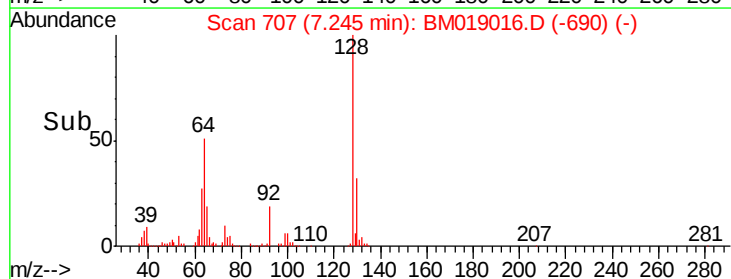
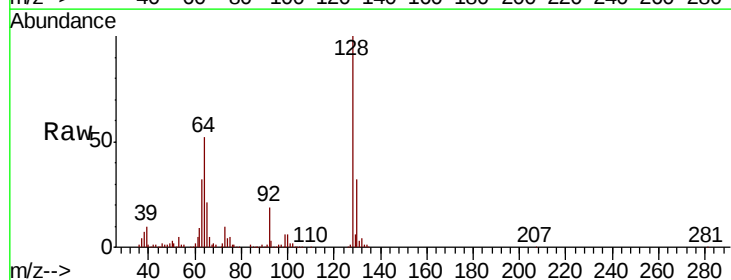
RT: 7.25 min Scan# 707

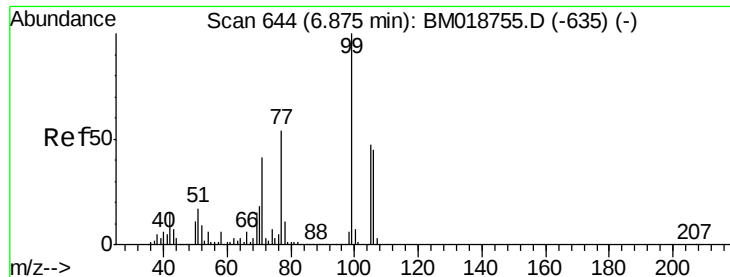
Delta R.T. -0.00 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

| Tgt Ion | 128   | Resp  | 510854 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 128     | 100   |       |        |
| 130     | 31.8  | 11.7  | 51.7   |
| 64      | 51.7  | 31.0  | 71.0   |





#9

Benzaldehyde

Concen: 38.936 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

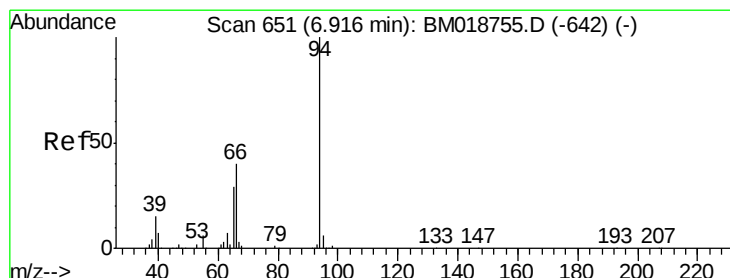
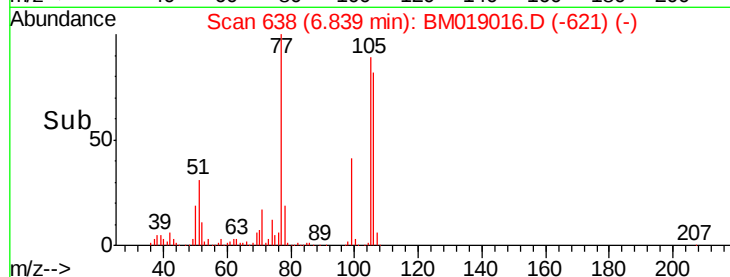
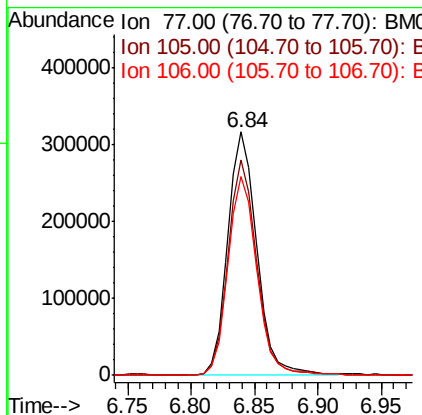
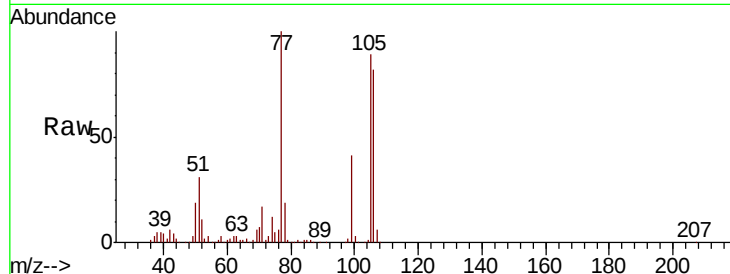
ClientSampleId :

A0C1-TWPMDS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 502864 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 88.6  | 67.3  | 107.3  |
| 106      | 81.9  | 62.9  | 102.9  |

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#10

Phenol

Concen: 13.779 ng

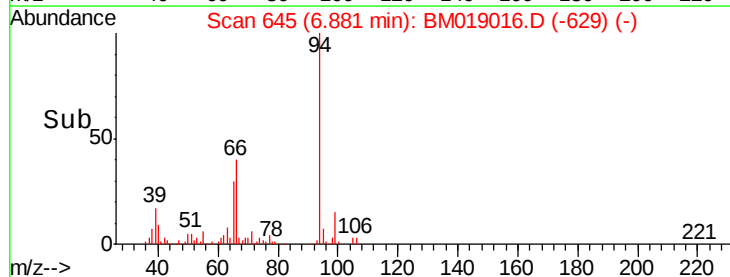
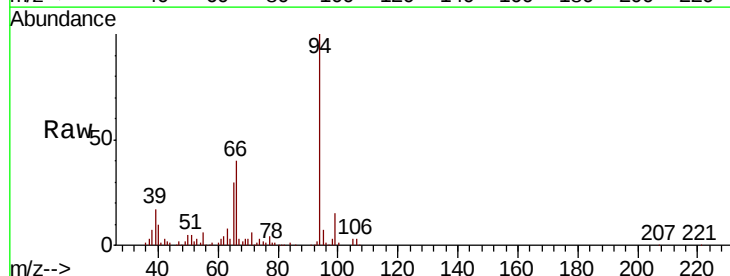
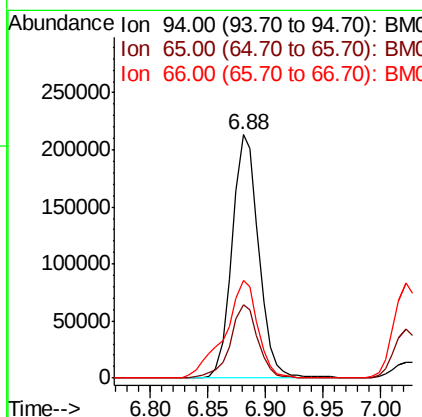
RT: 6.88 min Scan# 645

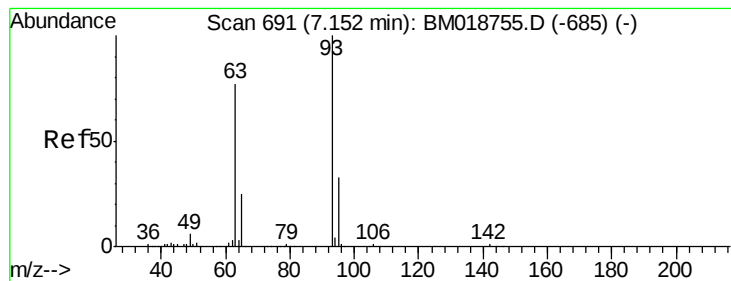
Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 340217 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 30.0  | 9.6   | 49.6   |
| 66       | 40.2  | 20.4  | 60.4   |





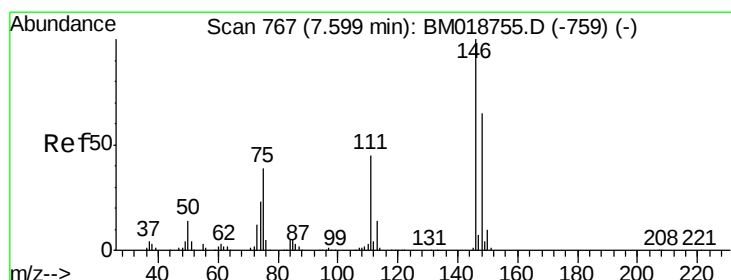
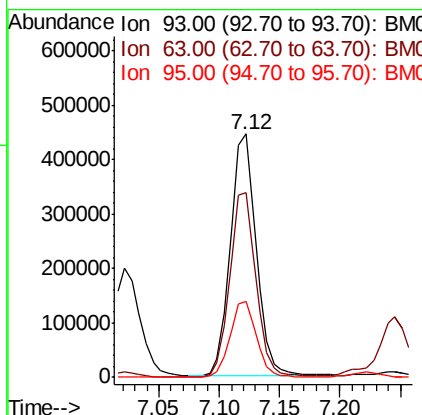
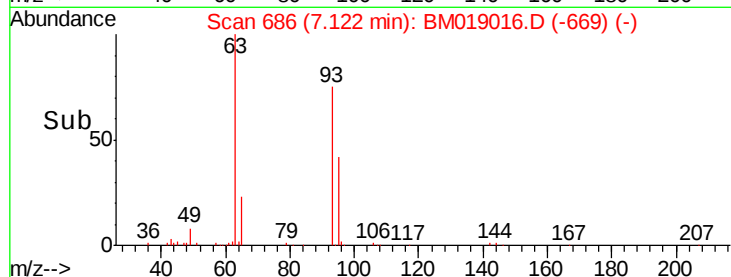
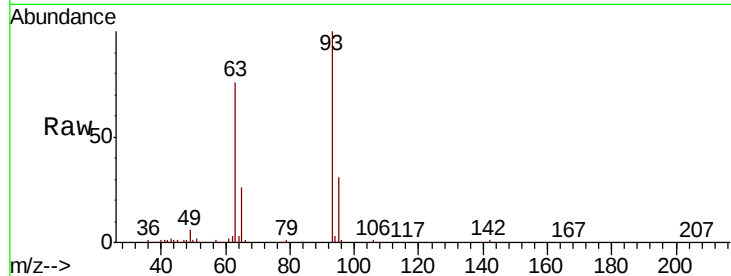
#11  
bis(2-Chloroethyl)ether  
Concen: 35.392 ng  
RT: 7.12 min Scan# 686  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 666619 |       |       |
| 63      | 76.1  |        | 57.0  | 97.0  |
| 95      | 31.4  |        | 12.4  | 52.4  |

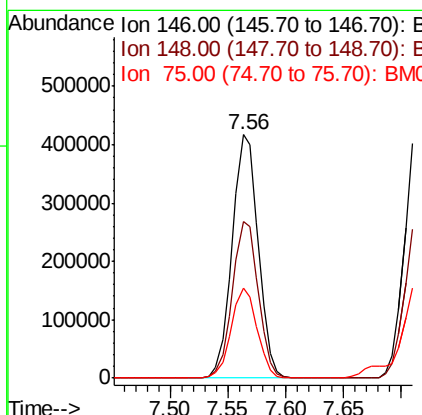
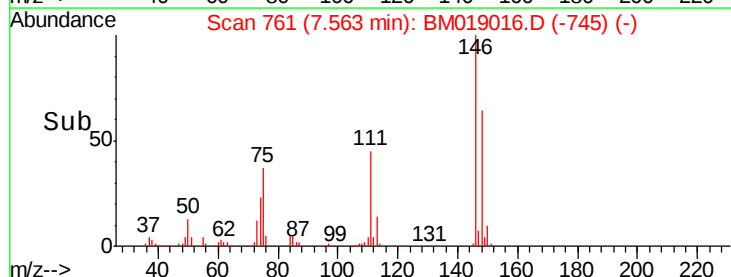
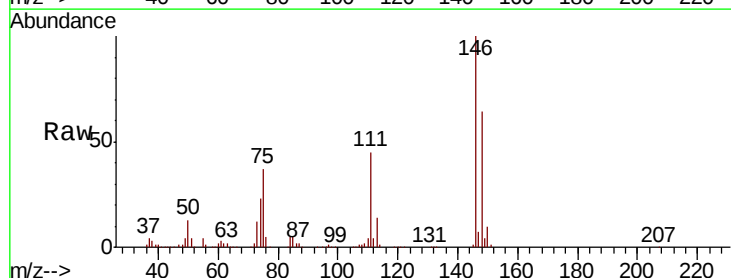
Manual Integrations  
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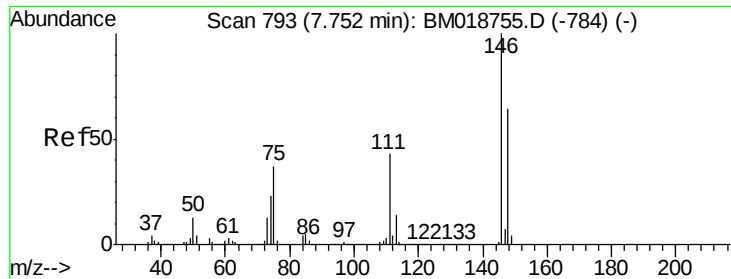
Sohil  
3/5/2019 5:23:48 PM



#12  
1,3-Dichlorobenzene  
Concen: 31.705 ng  
RT: 7.56 min Scan# 761  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 651996 |       |       |
| 148     | 64.4  |        | 51.7  | 77.5  |
| 75      | 37.0  |        | 31.3  | 46.9  |





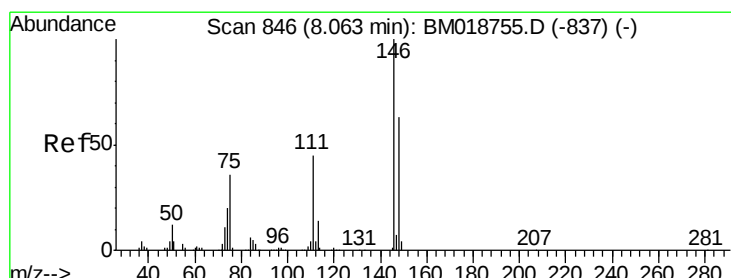
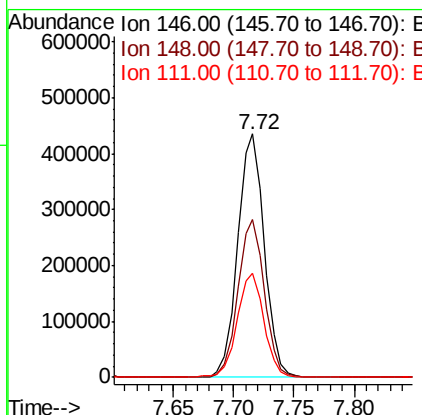
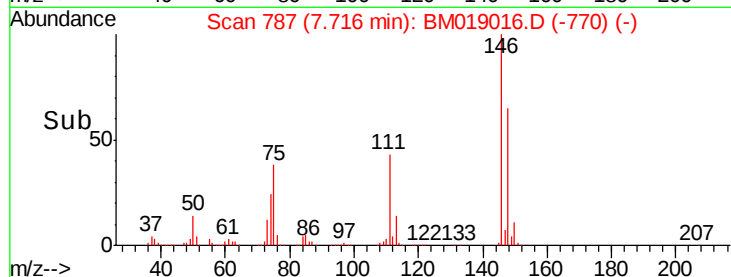
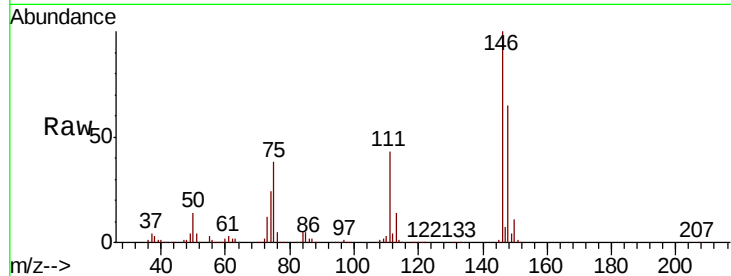
#13  
 1,4-Dichlorobenzene  
 Concen: 31.961 ng  
 RT: 7.72 min Scan# 787  
 Delta R.T. -0.00 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0C1-TWPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 51.4  | 77.2  |
| 111     | 42.8  | 34.6  | 52.0  |

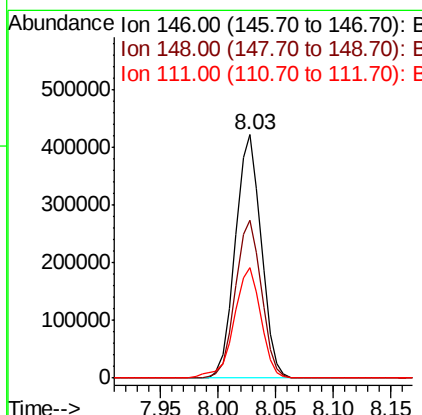
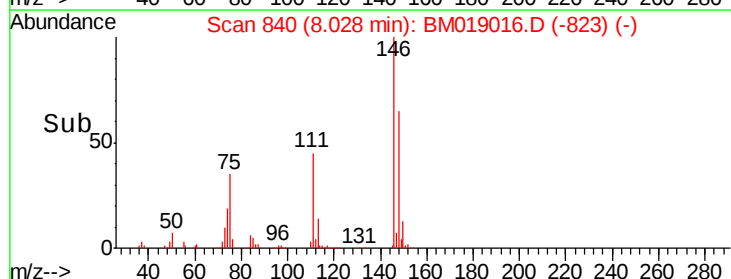
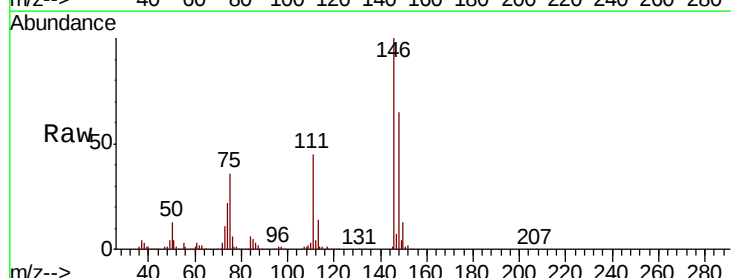
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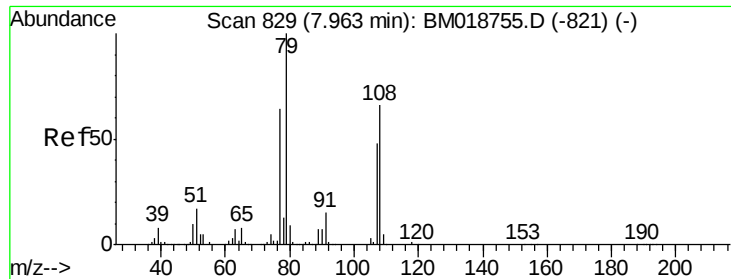
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#14  
 1,2-Dichlorobenzene  
 Concen: 32.639 ng  
 RT: 8.03 min Scan# 840  
 Delta R.T. -0.00 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 50.7  | 76.1  |
| 111     | 45.3  | 35.9  | 53.9  |





#15

Benzyl Alcohol

Concen: 22.223 ng

RT: 7.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

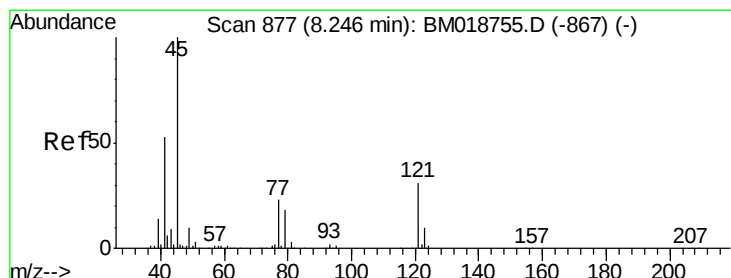
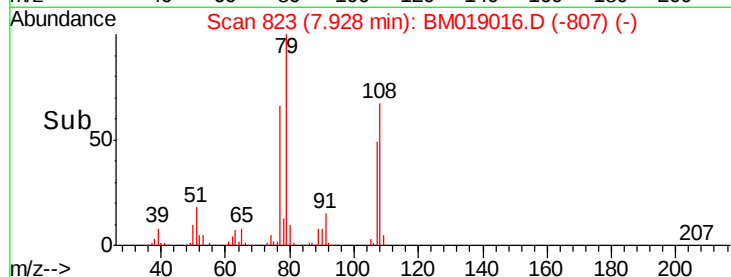
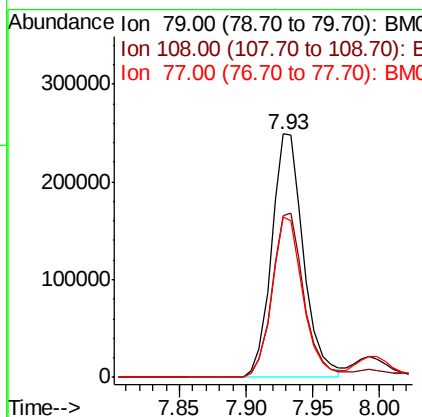
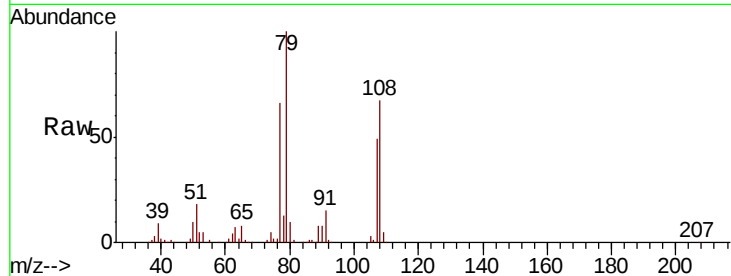
ClientSampleId :

A0C1-TWPMDS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 414380 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 66.6  | 52.7  | 79.1   |
| 77       | 65.7  | 51.0  | 76.4   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.244 ng

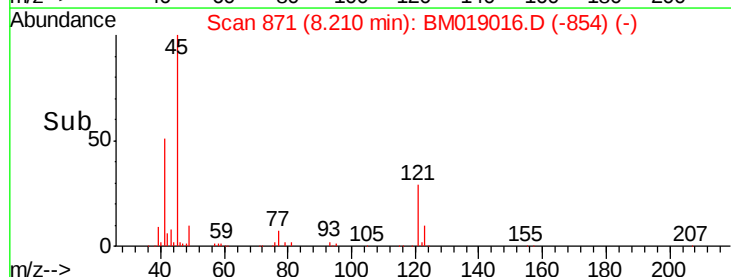
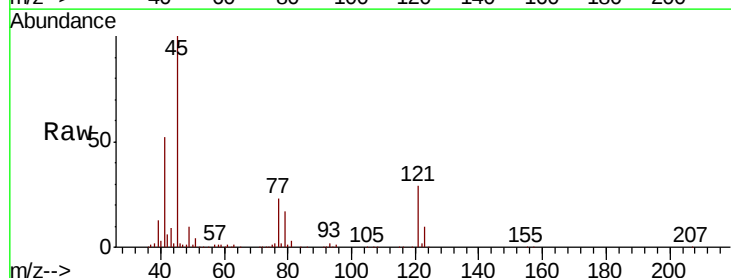
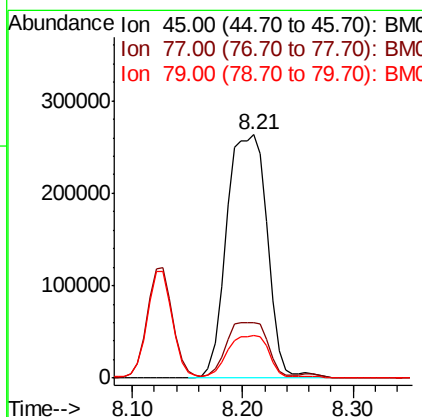
RT: 8.21 min Scan# 871

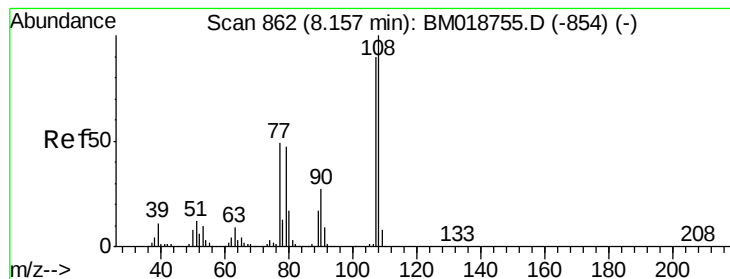
Delta R.T. -0.00 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 678948 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 23.0  | 5.0   | 45.0   |
| 79       | 17.4  | 0.0   | 39.3   |





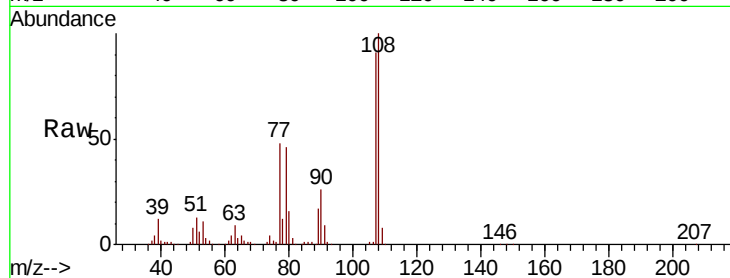
#17  
2-Methylphenol  
Concen: 23.370 ng  
RT: 8.13 min Scan# 857  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 367261 |       |       |
| 108     | 109.8 | 88.8   | 133.2 |       |
| 77      | 52.4  | 44.0   | 66.0  |       |
| 79      | 50.3  | 42.4   | 63.6  |       |

Manual Integrations  
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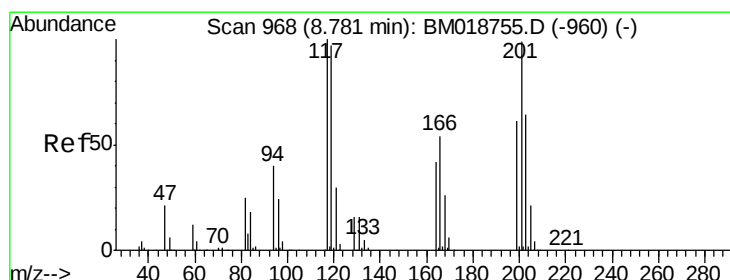
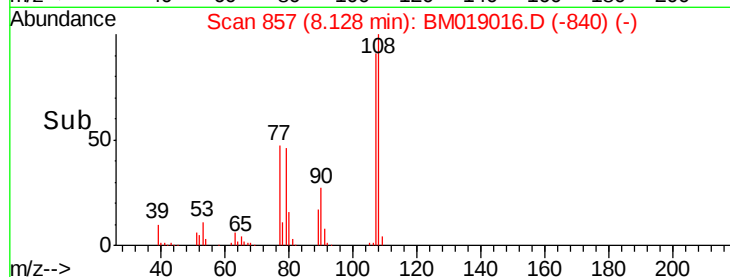
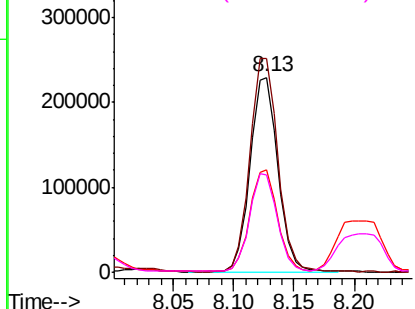
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

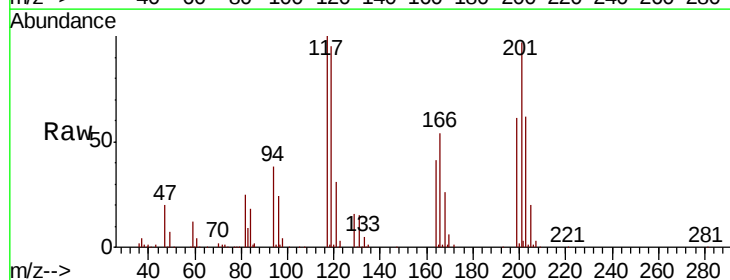
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18  
Hexachloroethane  
Concen: 31.673 ng  
RT: 8.74 min Scan# 961  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 242063 |       |       |
| 119     | 94.8  | 77.9   | 116.9 |       |
| 201     | 96.6  | 79.2   | 118.8 |       |

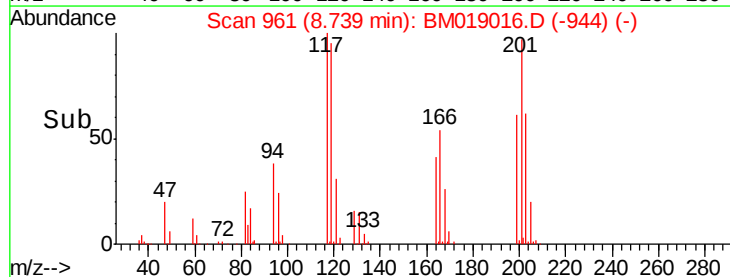
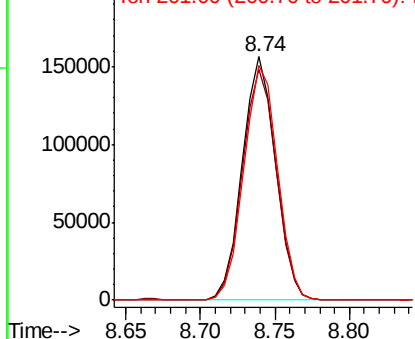


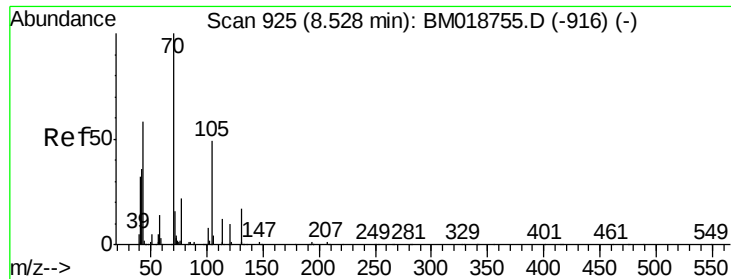
Abundance

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





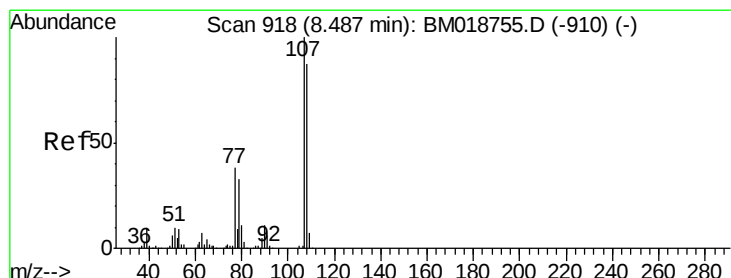
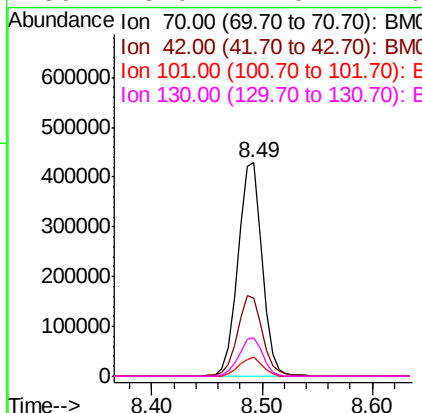
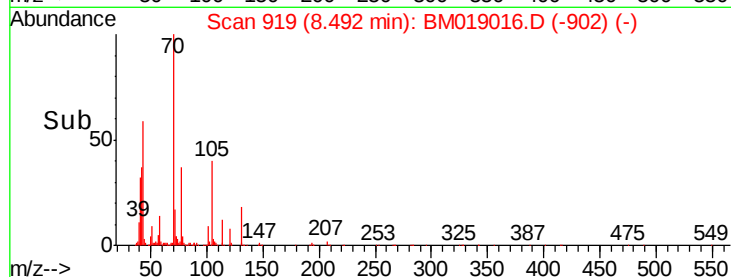
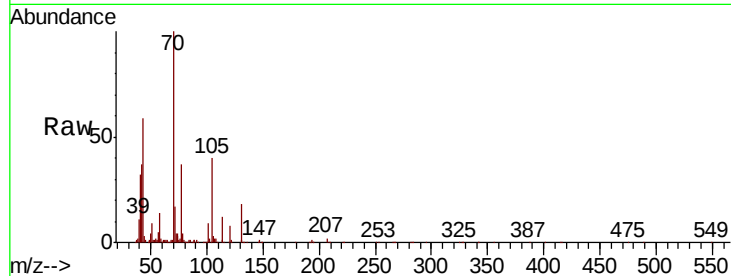
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.423 ng  
RT: 8.49 min Scan# 919  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 36.8 | 29.4  | 44.0  |       |
| 101     | 9.1  | 6.7   | 10.1  |       |
| 130     | 18.0 | 14.0  | 21.0  |       |

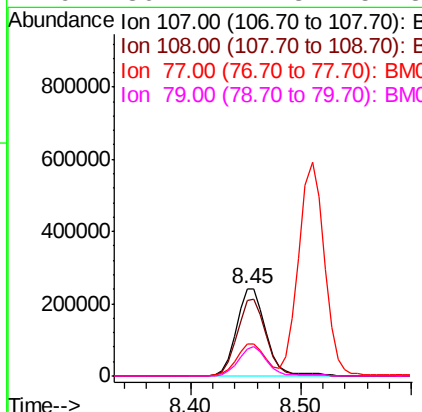
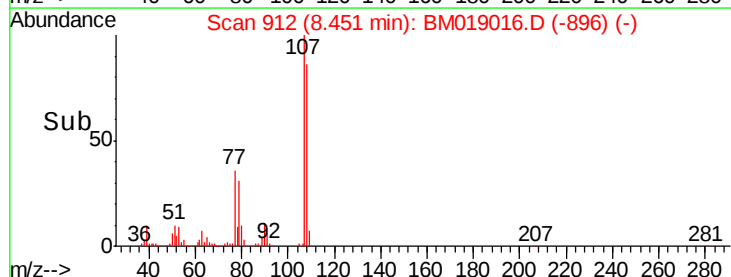
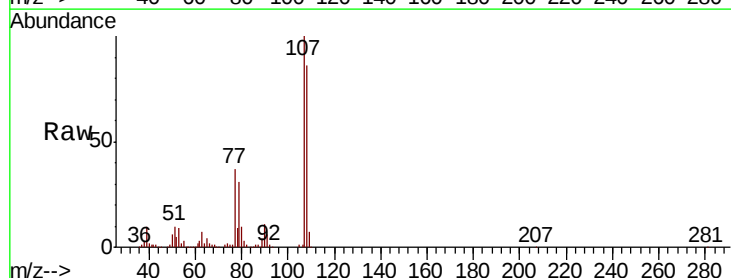
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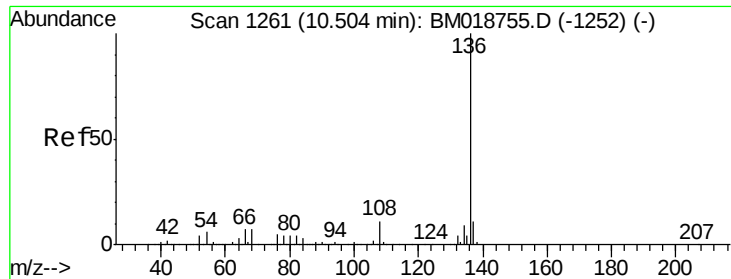
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#20  
3+4-Methylphenols  
Concen: 20.930 ng  
RT: 8.45 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 85.9 | 67.3  | 107.3 |       |
| 77      | 36.5 | 18.0  | 58.0  |       |
| 79      | 30.7 | 12.8  | 52.8  |       |





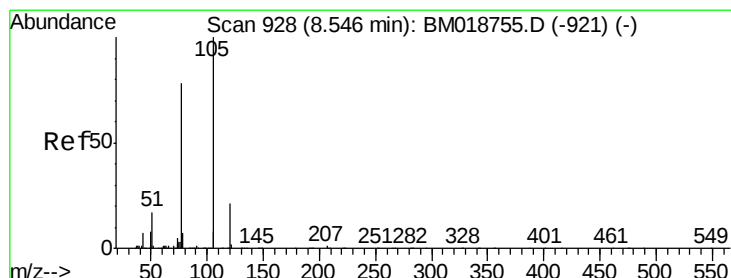
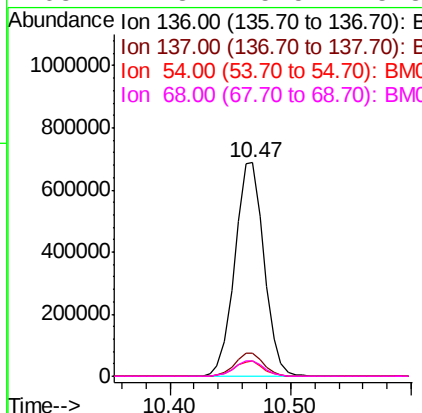
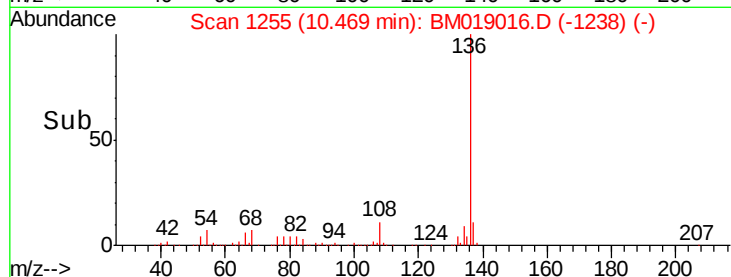
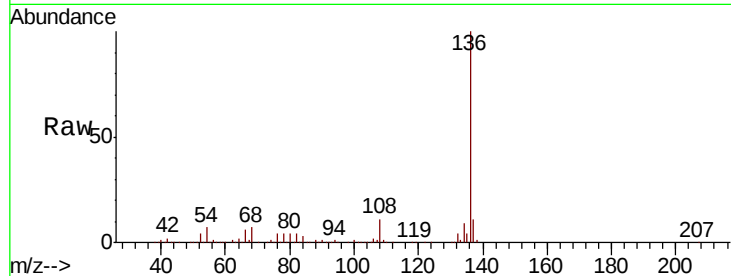
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.47 min Scan# 1255  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 10.7  | 8.8   | 13.2  |
| 54      | 6.9   | 5.0   | 7.6   |
| 68      | 7.3   | 5.5   | 8.3   |

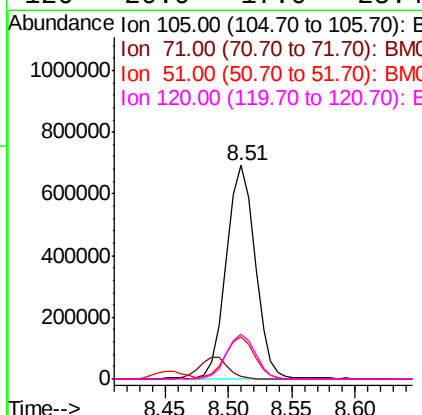
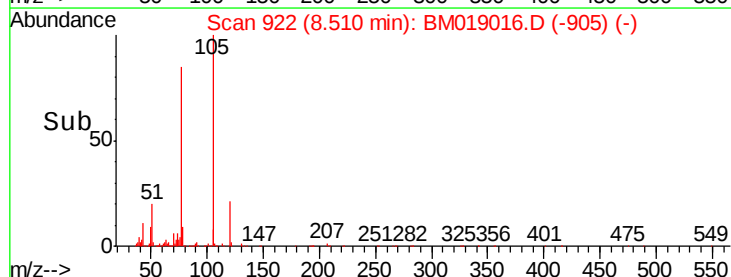
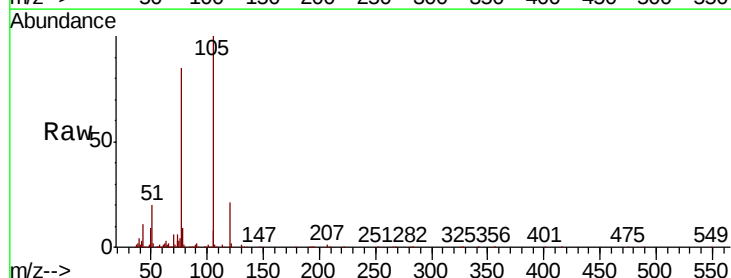
Manual Integrations  
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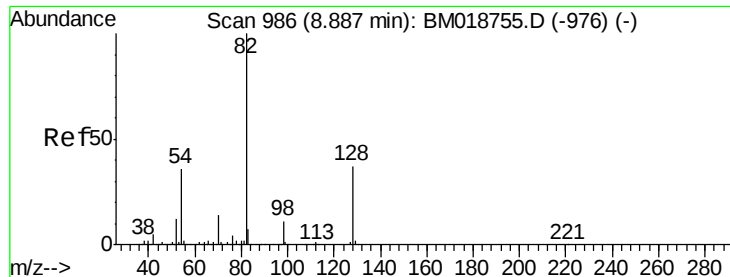
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#22  
Acetophenone  
Concen: 34.089 ng  
RT: 8.51 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 1.0   | 1.1   | 1.7#  |
| 51      | 19.8  | 15.5  | 23.3  |
| 120     | 20.9  | 17.0  | 25.4  |





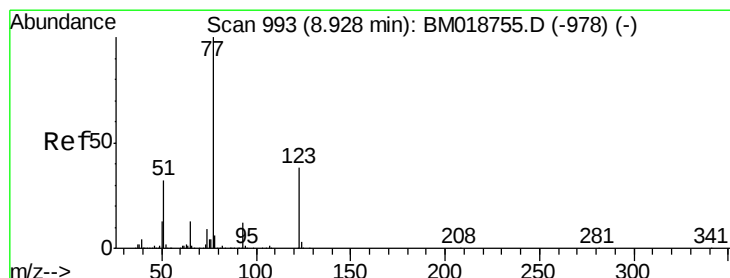
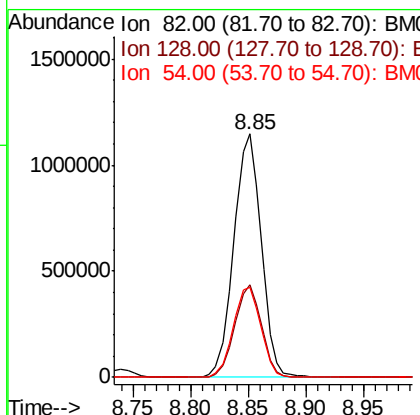
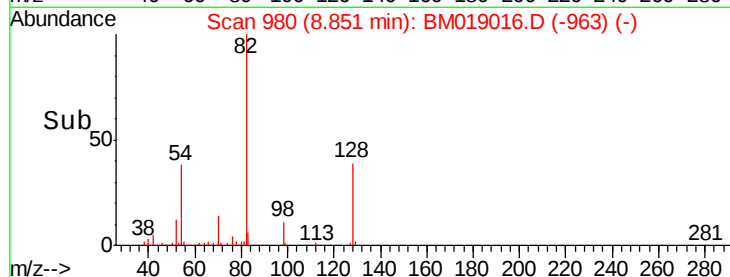
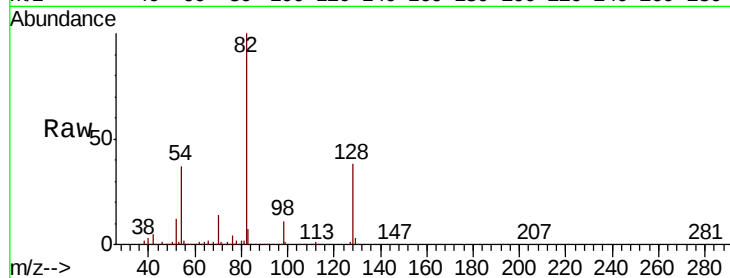
#23  
 Nitrobenzene-d5  
 Concen: 75.171 ng  
 RT: 8.85 min Scan# 980  
 Delta R.T. -0.00 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0C1-TWPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 37.9  | 29.9  | 44.9  |
| 54      | 36.8  | 29.1  | 43.7  |

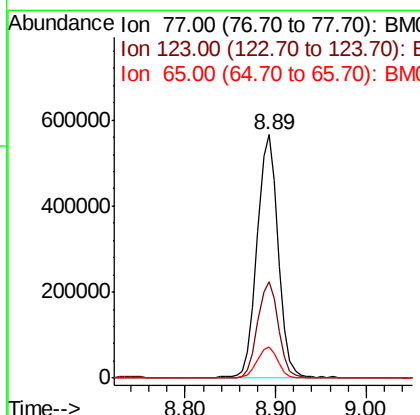
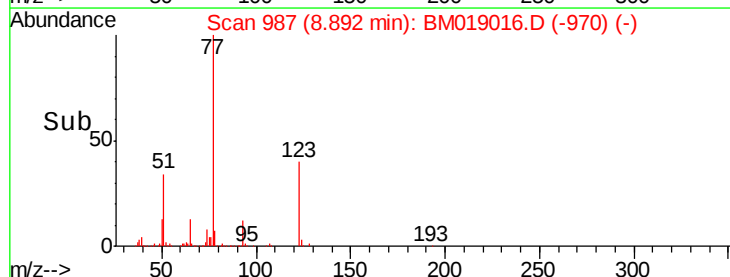
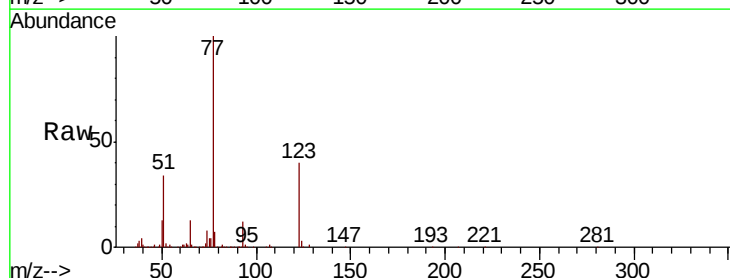
Manual Integrations  
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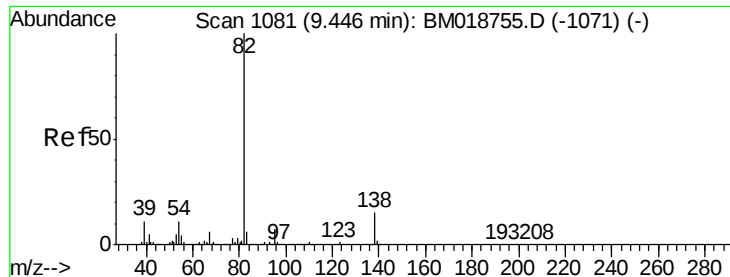
Sohil  
 3/5/2019 5:23:48 PM



#24  
 Nitrobenzene  
 Concen: 34.955 ng  
 RT: 8.89 min Scan# 987  
 Delta R.T. -0.00 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.9  | 30.7  | 46.1  |
| 65      | 12.8  | 10.5  | 15.7  |





#25

Isophorone

Concen: 41.468 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

ClientSampleId :

A0C1-TWPMDS

Tot Ion: 82 Resp: 1661123

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

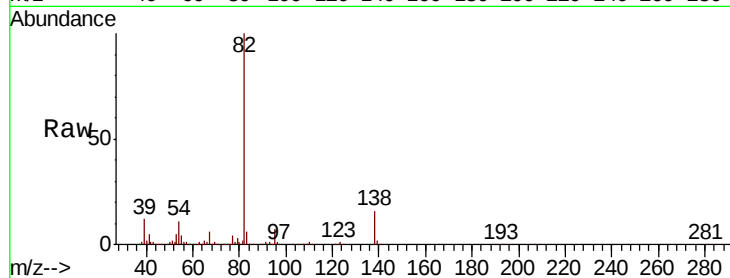
138 15.7 12.3 18.5

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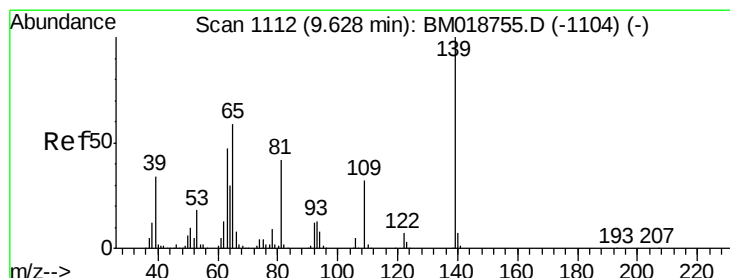
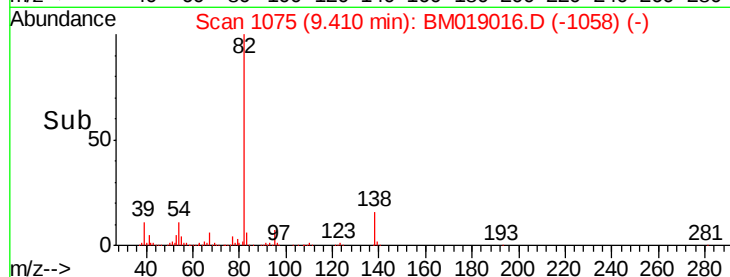
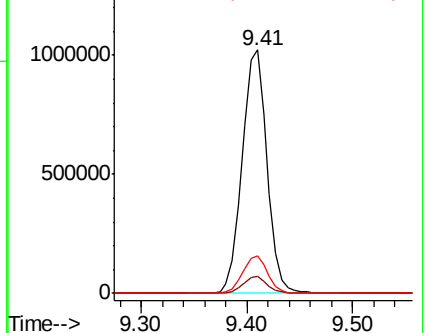
3/5/2019 5:23:48 PM



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)



#26

2-Nitrophenol

Concen: 32.675 ng

RT: 9.59 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

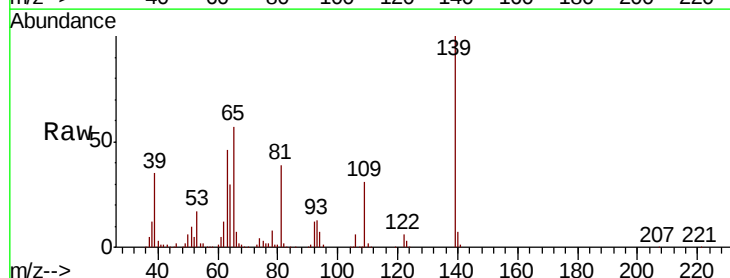
Tgt Ion: 139 Resp: 339091

Ion Ratio Lower Upper

139 100

109 30.5 25.2 37.8

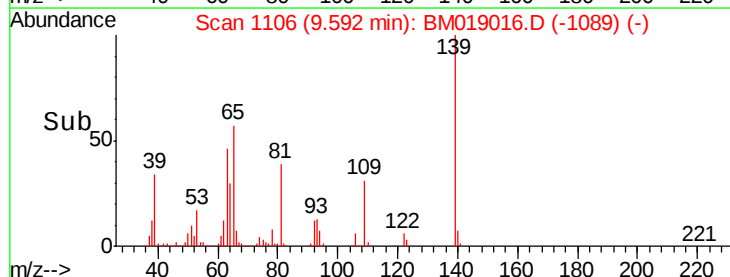
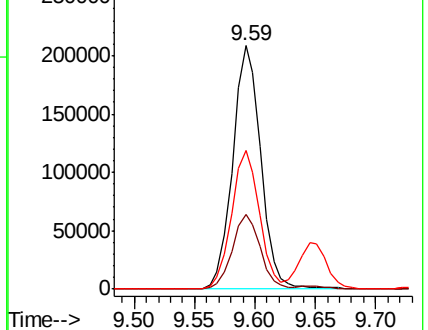
65 57.2 47.0 70.4

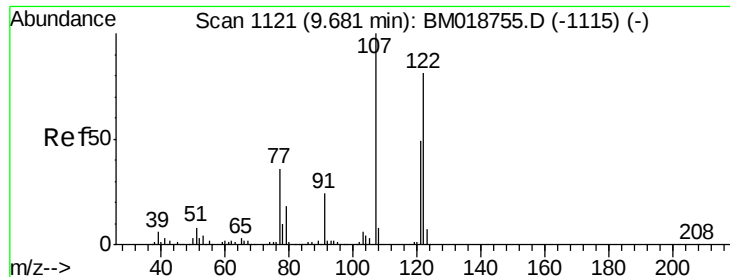


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)





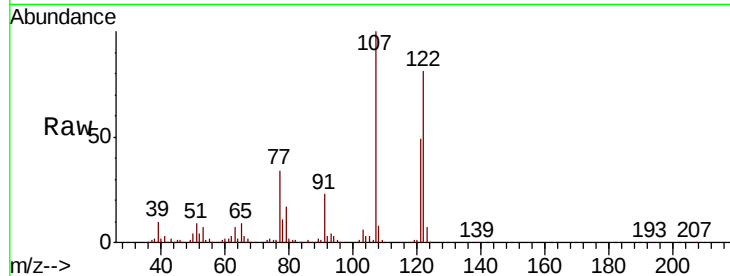
#27  
2,4-Dimethylphenol  
Concen: 34.156 ng  
RT: 9.65 min Scan# 1116  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 122.8 | 97.6  | 146.4 |
| 121     | 59.6  | 47.9  | 71.9  |

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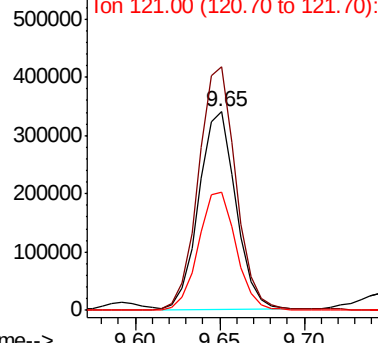


Abundance

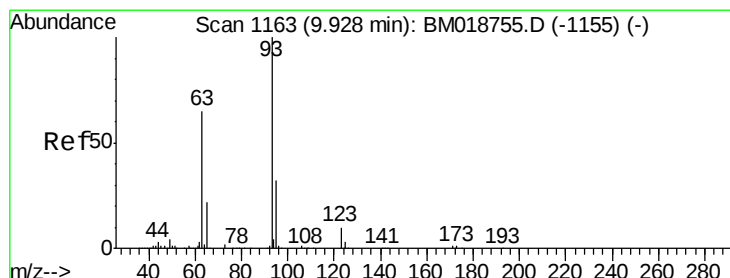
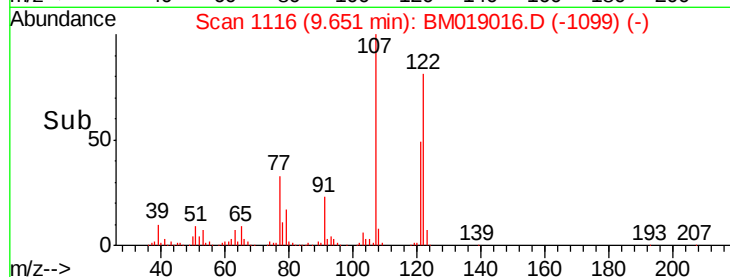
Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

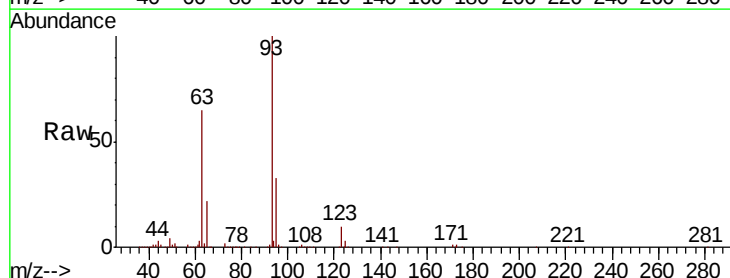


Time-->



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.617 ng  
RT: 9.89 min Scan# 1157  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.5  | 25.6  | 38.4  |
| 123     | 10.3  | 8.2   | 12.4  |

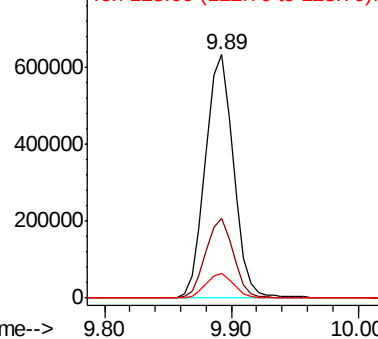


Abundance

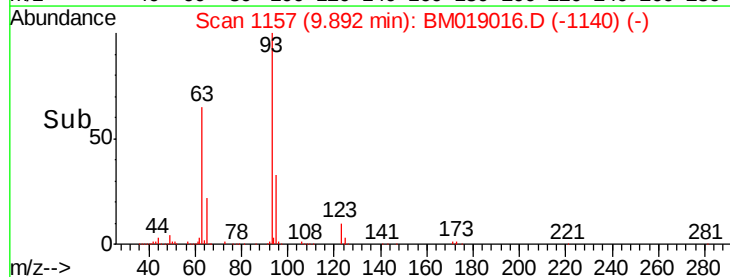
Ion 93.00 (92.70 to 93.70): BM0

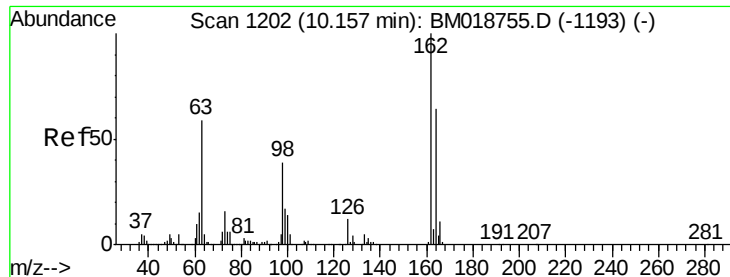
Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E



Time-->





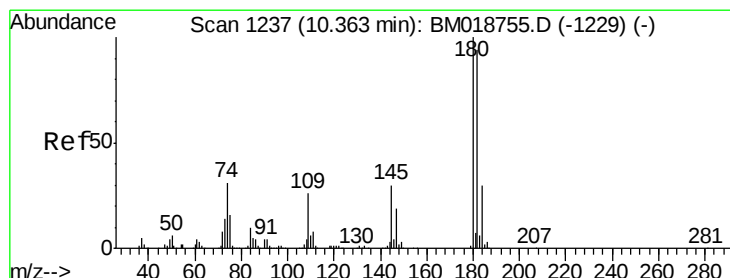
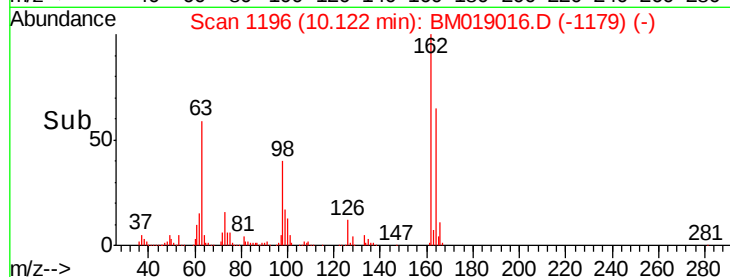
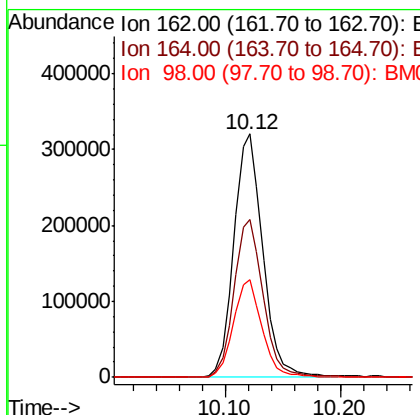
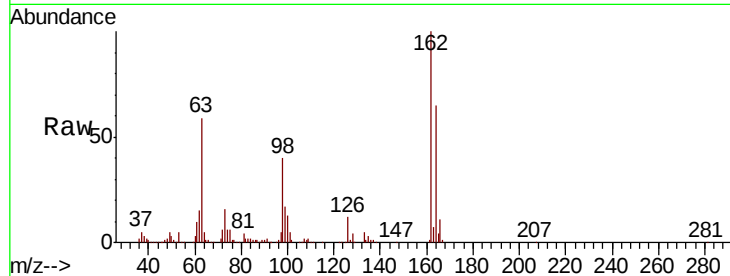
#29  
2,4-Dichlorophenol  
Concen: 32.029 ng  
RT: 10.12 min Scan# 1196  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 164     | 64.7  | 44.1 | 84.1  |       |
| 98      | 40.0  | 19.4 | 59.4  |       |

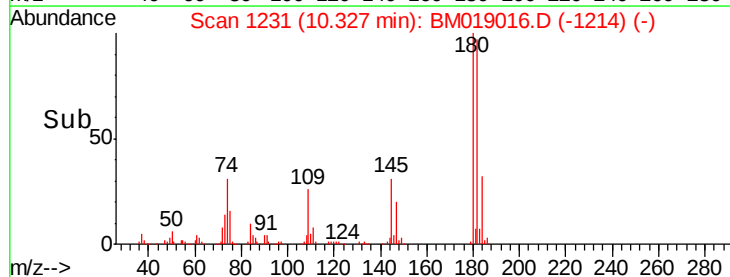
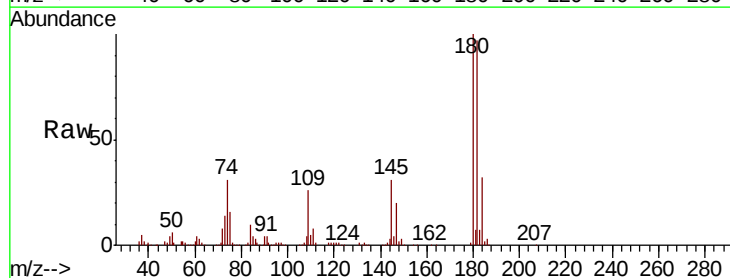
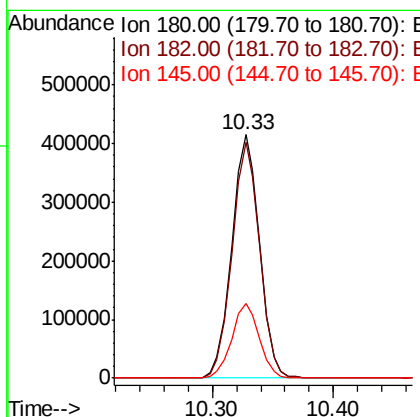
Manual Integrations  
APPROVED

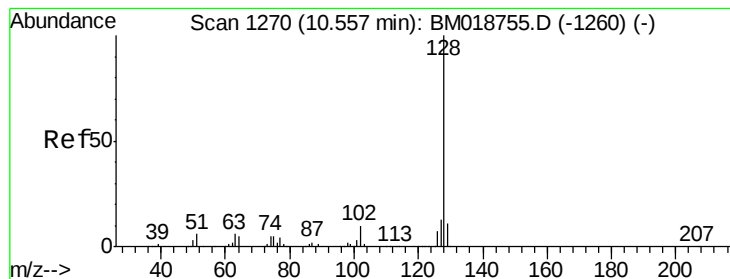
Sohil  
3/5/2019 5:23:48 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 33.034 ng  
RT: 10.33 min Scan# 1231  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 96.7  | 75.0 | 112.6 |       |
| 145     | 30.8  | 24.1 | 36.1  |       |





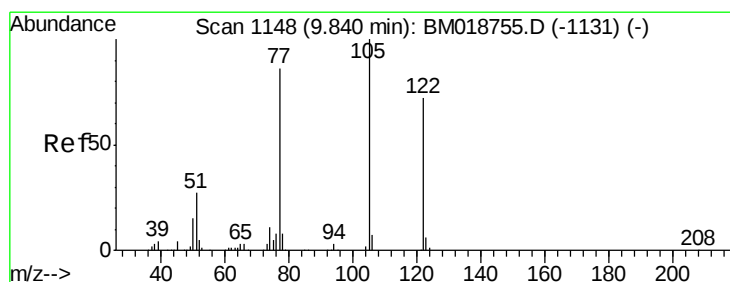
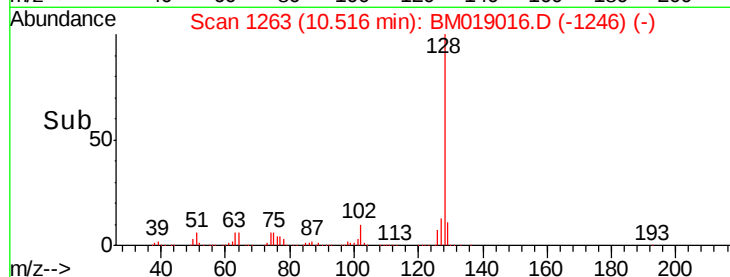
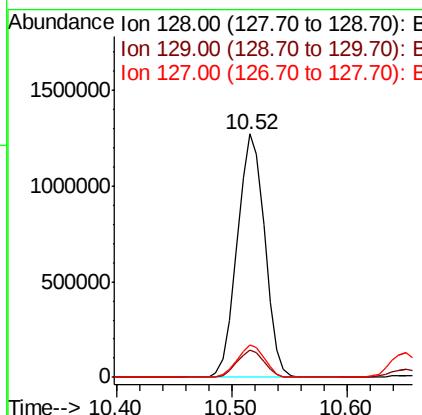
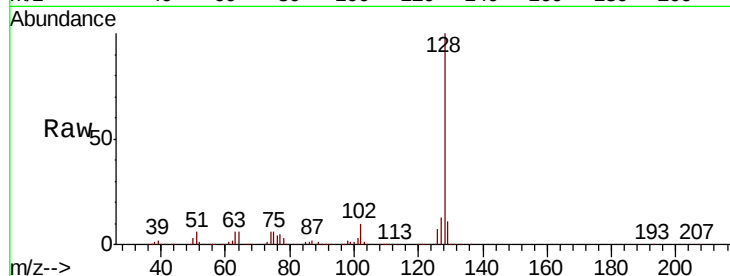
#31  
Naphthalene  
Concen: 37.124 ng  
RT: 10.52 min Scan# 1263  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 9.0   | 13.4  |
| 127     | 13.2  | 10.7  | 16.1  |

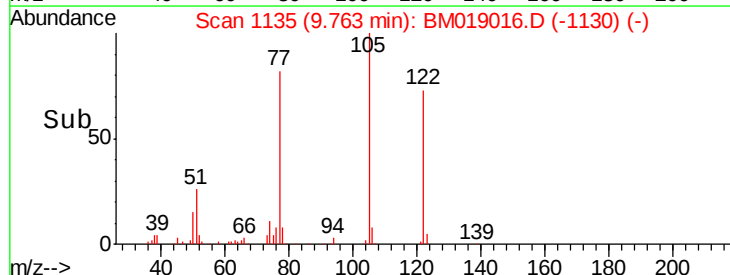
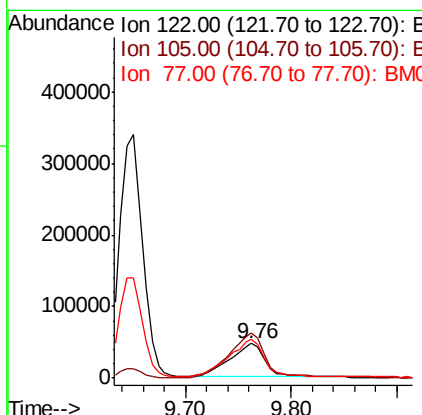
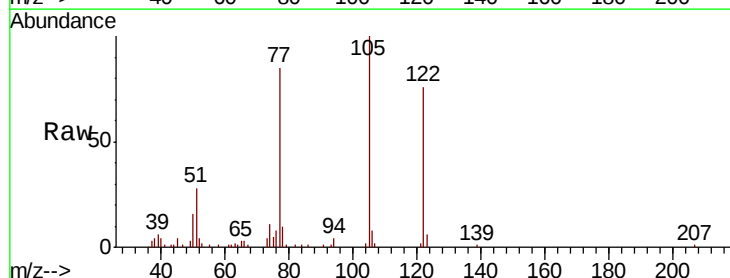
Manual Integrations  
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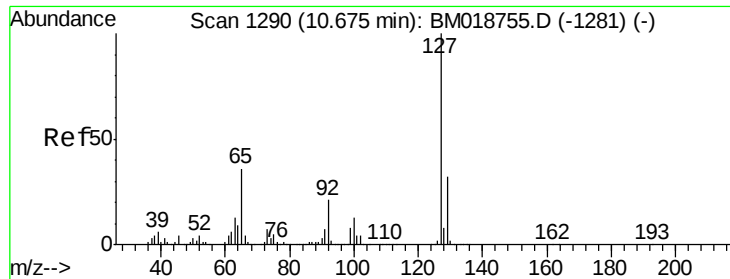
Sohil  
3/5/2019 5:23:48 PM



#32  
Benzoic acid  
Concen: 8.327 ng m  
RT: 9.76 min Scan# 1135  
Delta R.T. -0.07 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 131.6 | 117.5 | 157.5 |
| 77      | 112.5 | 98.5  | 138.5 |





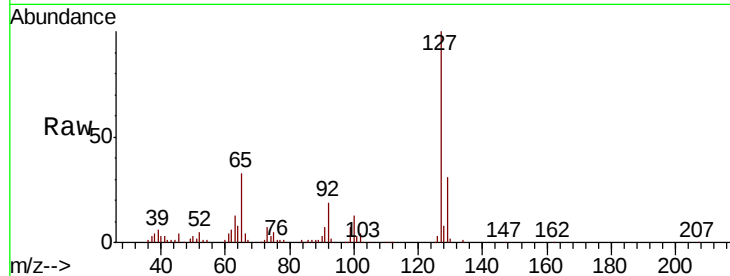
#33  
4-Chloroaniline  
Concen: 9.763 ng  
RT: 10.65 min Scan# 1286  
Delta R.T. 0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampled :  
A0C1-TWPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.0  | 25.7  | 38.5  |
| 65      | 32.7  | 28.7  | 43.1  |
| 92      | 19.4  | 17.0  | 25.4  |

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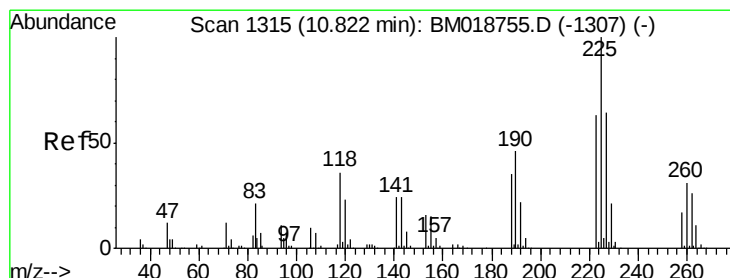
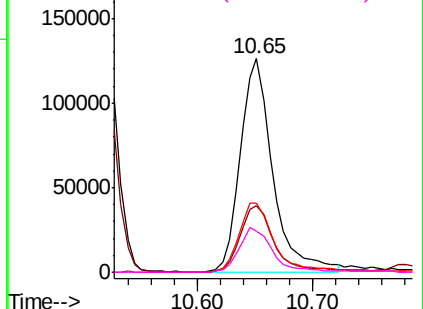
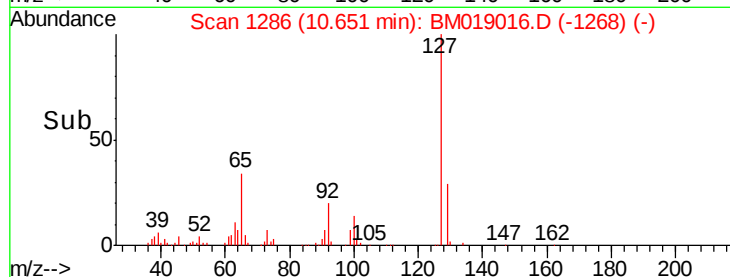
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

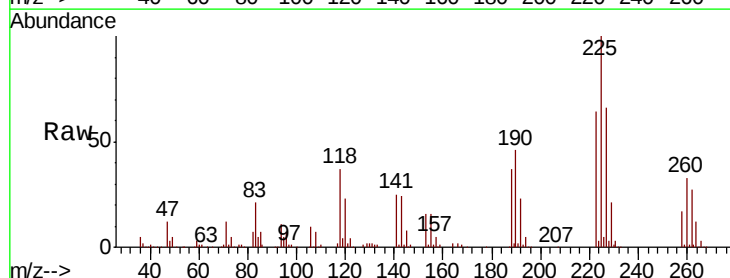
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34  
Hexachlorobutadiene  
Concen: 29.674 ng  
RT: 10.78 min Scan# 1308  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.9  | 50.1  | 75.1  |
| 227     | 65.7  | 51.4  | 77.0  |

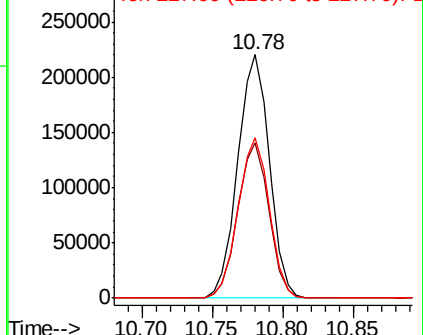
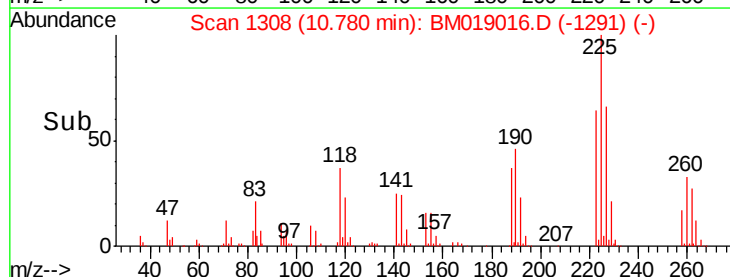


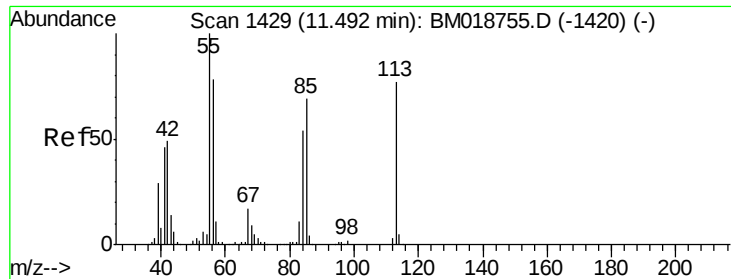
Abundance

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





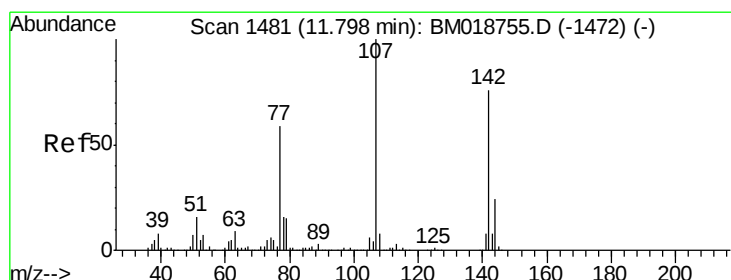
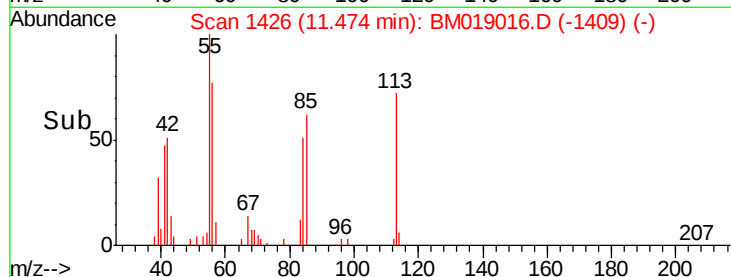
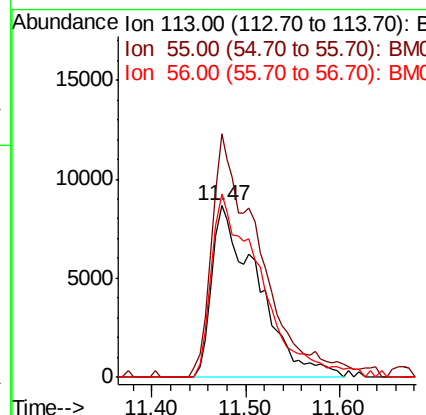
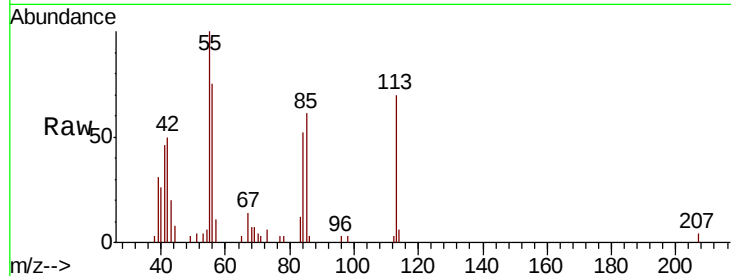
#35  
 Caprolactam  
 Concen: 4.170 ng/ml  
 RT: 11.47 min Scan# 1426  
 Delta R.T. -0.00 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0C1-TWPMMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 141.9 | 110.7 | 150.7 |
| 56      | 107.0 | 82.4  | 122.4 |

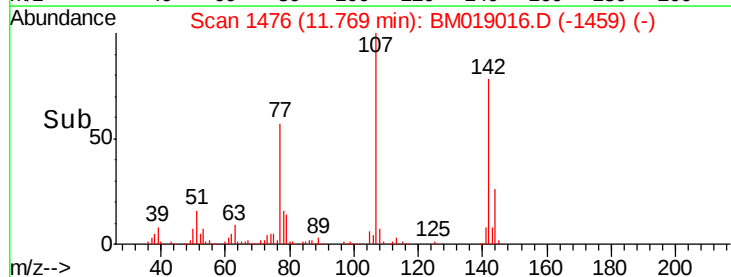
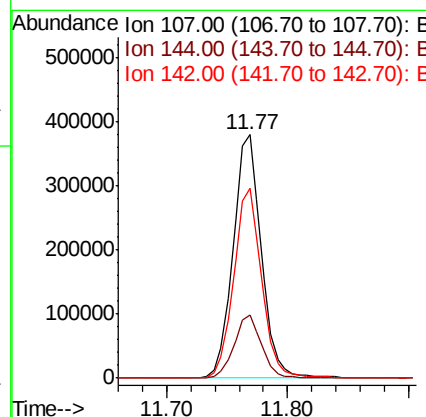
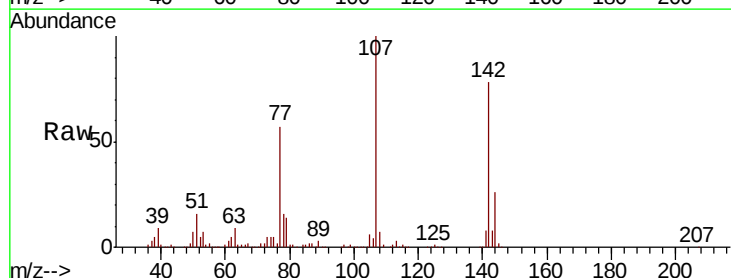
Manual Integrations  
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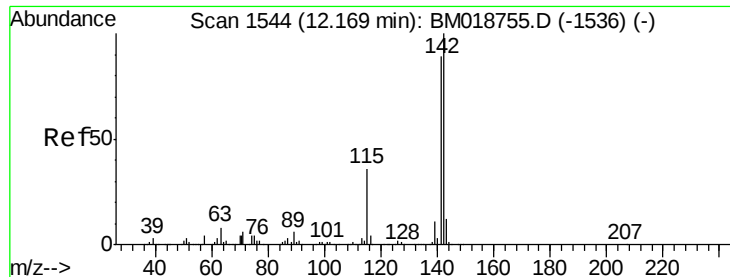
Sohil  
 3/5/2019 5:23:48 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 29.450 ng  
 RT: 11.77 min Scan# 1476  
 Delta R.T. -0.00 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.7  | 19.3  | 28.9  |
| 142     | 77.8  | 60.5  | 90.7  |





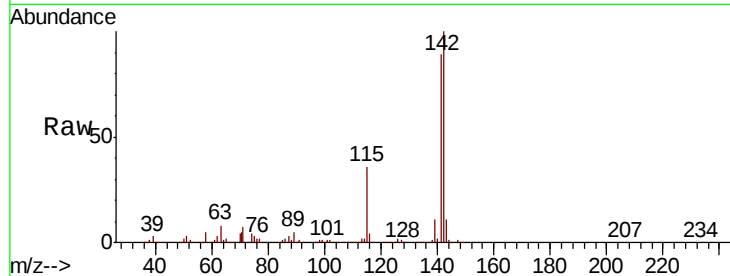
#37  
2-Methylnaphthalene  
Concen: 39.912 ng  
RT: 12.13 min Scan# 1538  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampled :  
A0C1-TWPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.0  | 71.2  | 106.8 |
| 115     | 35.5  | 29.1  | 43.7  |

Manual Integrations  
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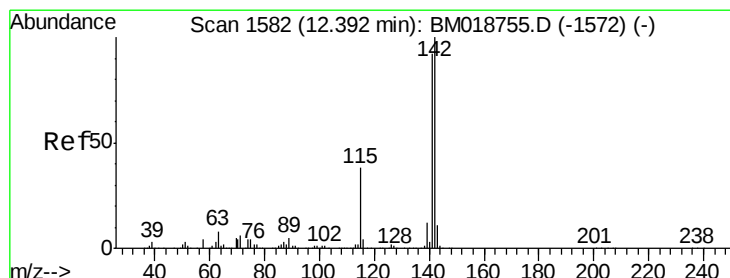
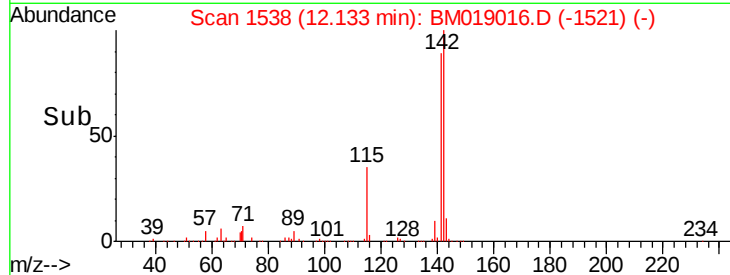
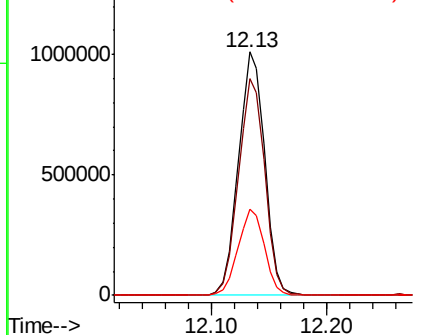


Abundance

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: 39.041 ng  
RT: 12.36 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

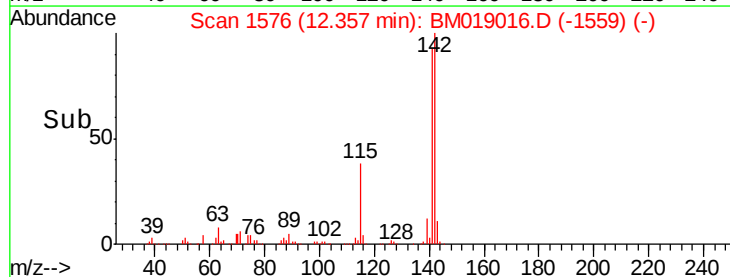
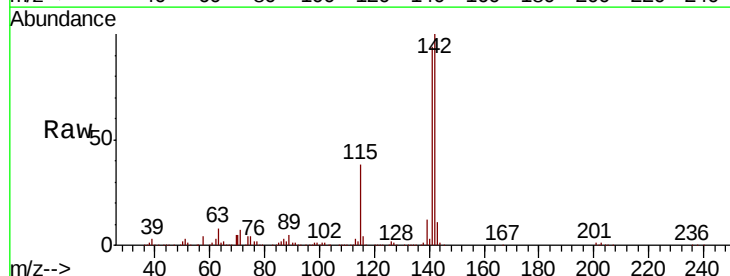
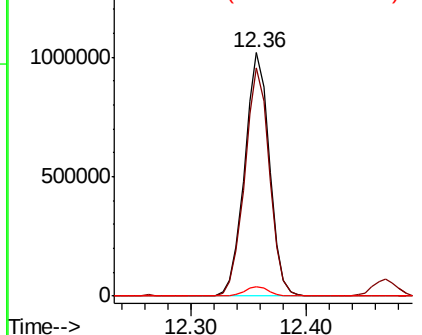
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.7  | 73.9  | 110.9 |
| 116     | 3.9   | 3.0   | 4.4   |

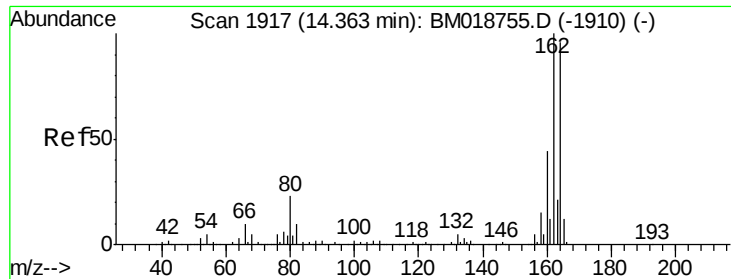
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





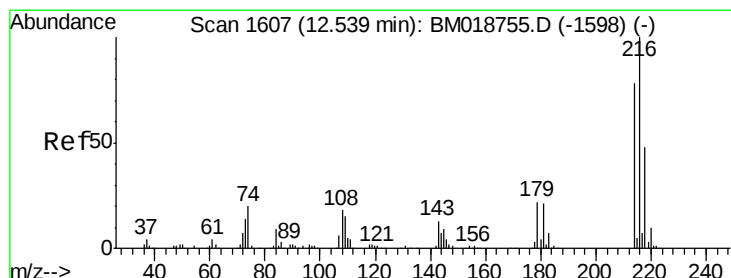
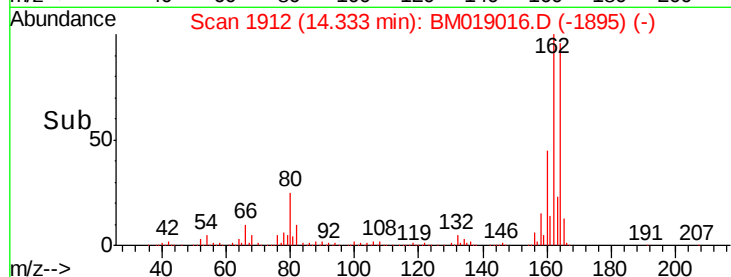
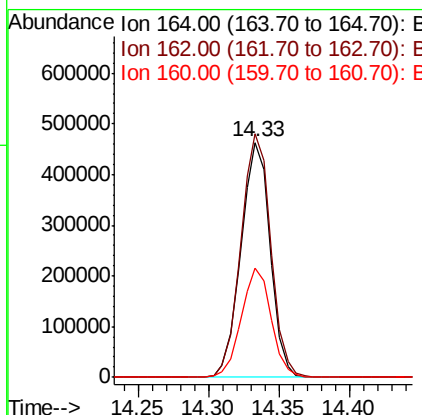
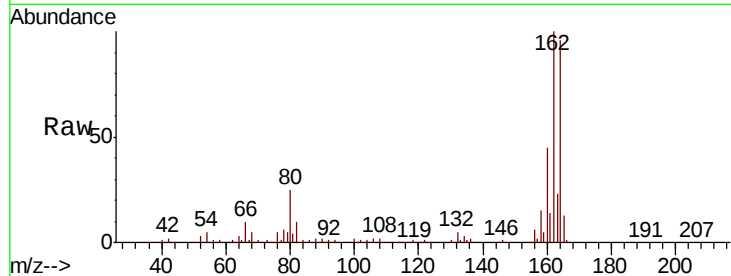
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.33 min Scan# 1912  
 Delta R.T. -0.00 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0C1-TWPMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 103.7 | 83.4 | 125.0 |       |
| 160     | 46.4  | 36.6 | 55.0  |       |

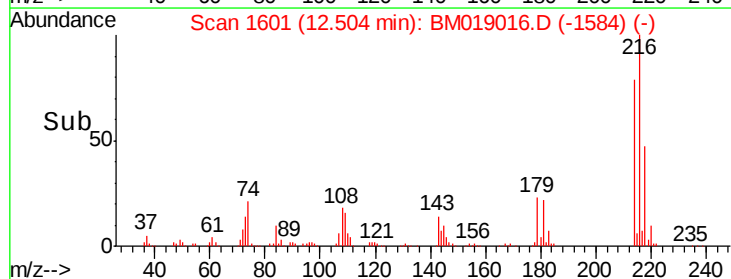
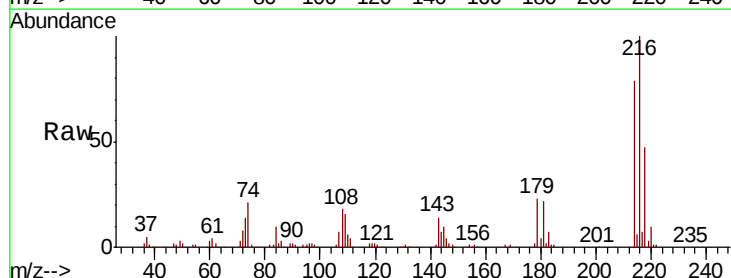
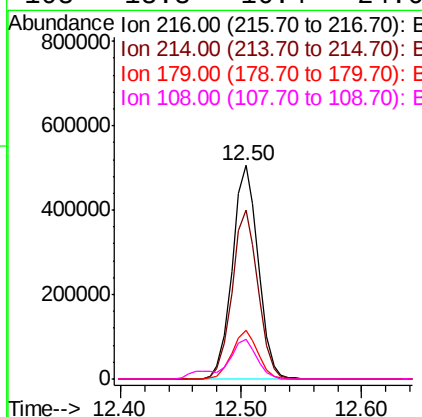
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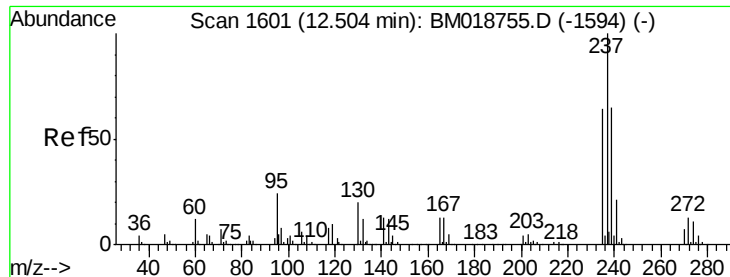
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#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 35.246 ng  
 RT: 12.50 min Scan# 1601  
 Delta R.T. -0.00 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 78.7  | 63.2 | 94.8  |       |
| 179     | 22.5  | 17.8 | 26.8  |       |
| 108     | 18.3  | 16.4 | 24.6  |       |





#41

Hexachlorocyclopentadiene

Concen: 75.062 ng

RT: 12.47 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

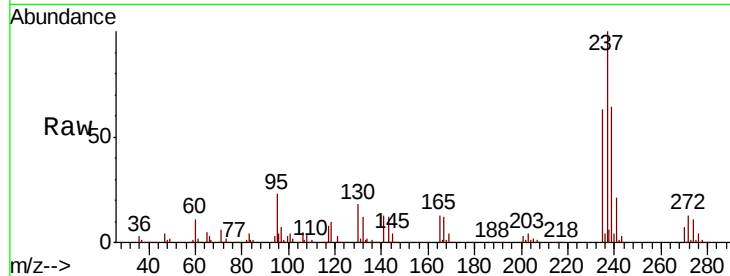
ClientSampleId :

A0C1-TWPMDS

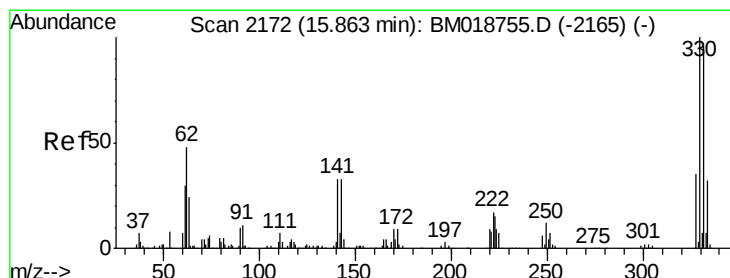
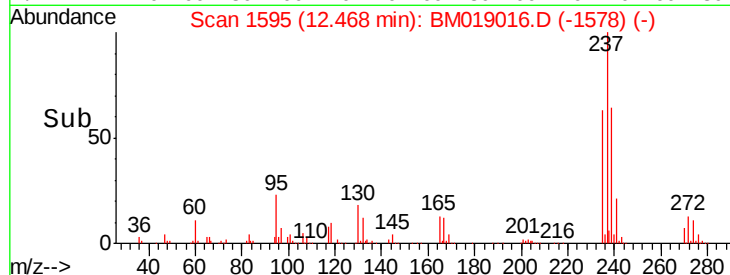
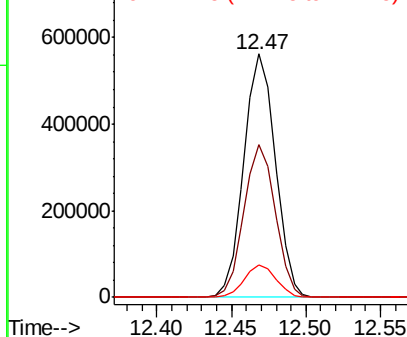
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 823212 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.8  | 43.7  | 83.7   |
| 272       | 13.2  | 0.0   | 33.3   |

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



#42

2,4,6-Tribromophenol

Concen: 114.510 ng

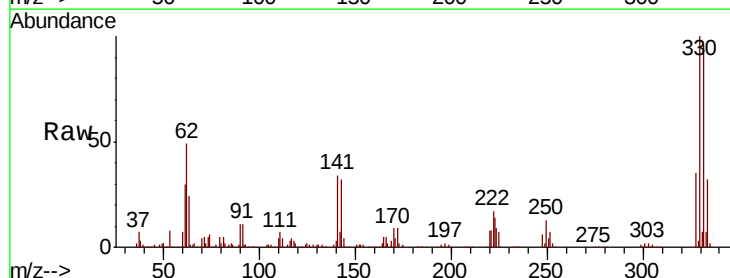
RT: 15.83 min Scan# 2167

Delta R.T. -0.00 min

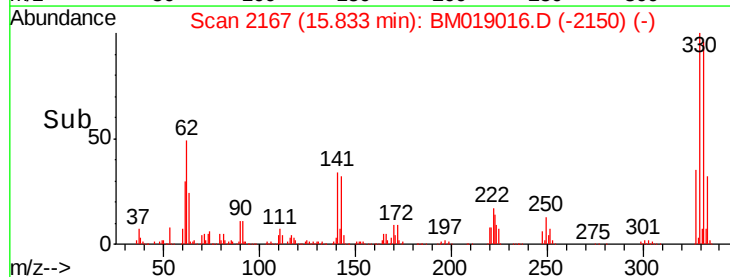
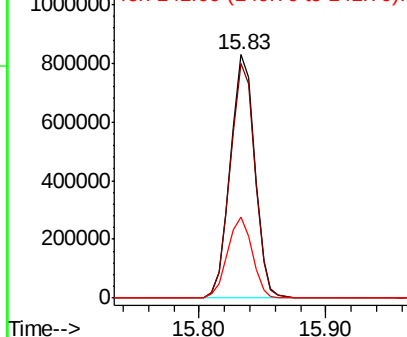
Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 330   | Resp: | 1106839 |
| Ion Ratio | Lower | Upper |         |
| 330       | 100   |       |         |
| 332       | 97.1  | 76.9  | 115.3   |
| 141       | 33.8  | 28.7  | 43.1    |



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





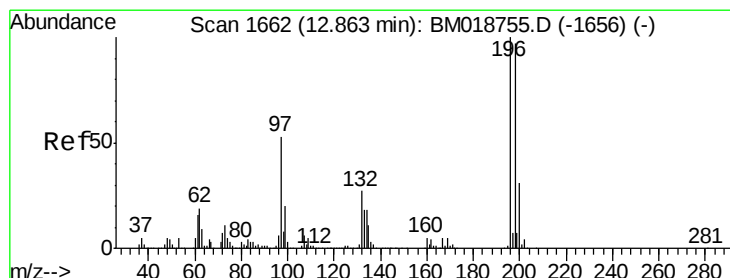
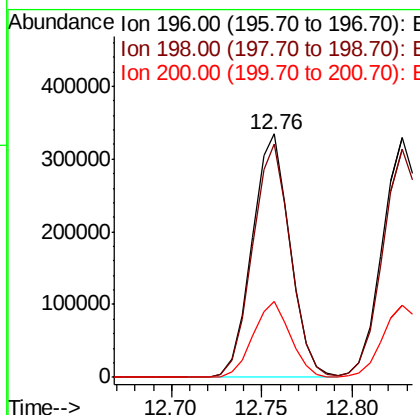
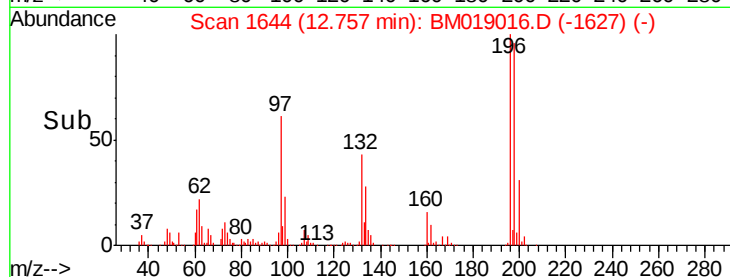
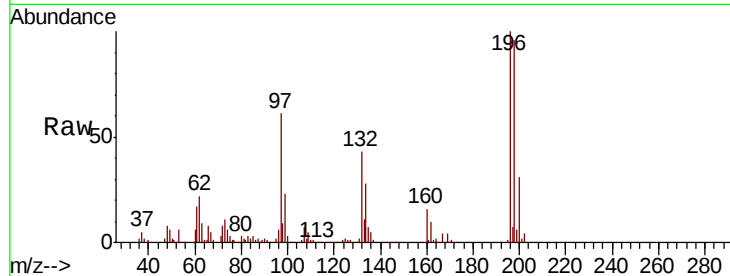
#43  
 2,4,6-Trichlorophenol  
 Concen: 34.249 ng  
 RT: 12.76 min Scan# 1644  
 Delta R.T. -0.00 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0C1-TWPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.1  | 76.2  | 114.2 |
| 200     | 31.0  | 24.2  | 36.2  |

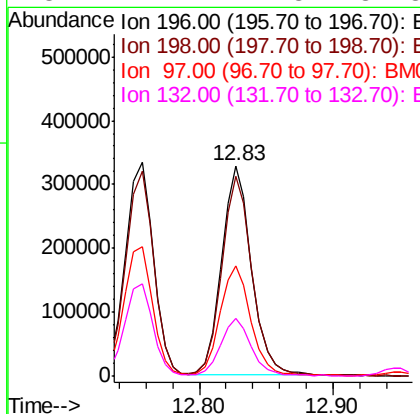
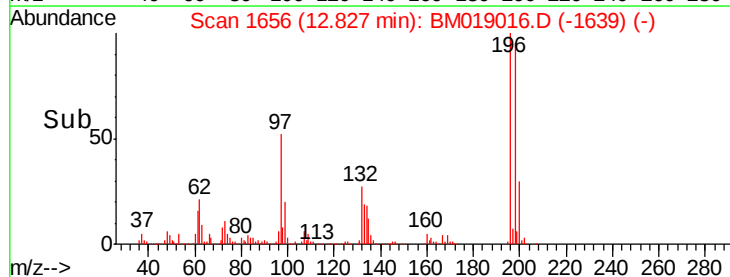
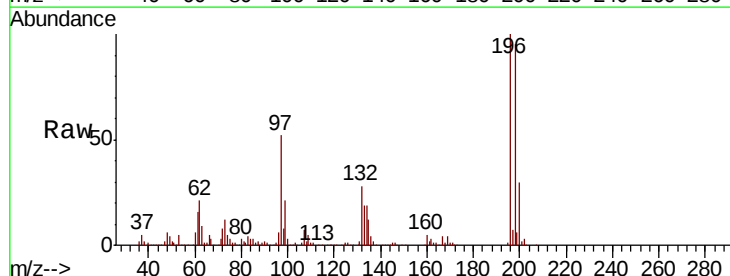
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#44  
 2,4,5-Trichlorophenol  
 Concen: 34.442 ng  
 RT: 12.83 min Scan# 1656  
 Delta R.T. -0.00 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.2  | 77.6  | 116.4 |
| 97      | 52.3  | 42.8  | 64.2  |
| 132     | 27.7  | 21.8  | 32.8  |





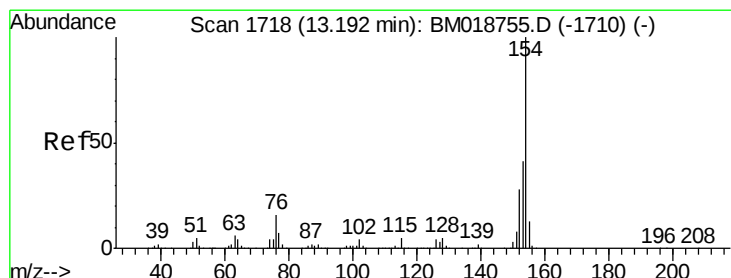
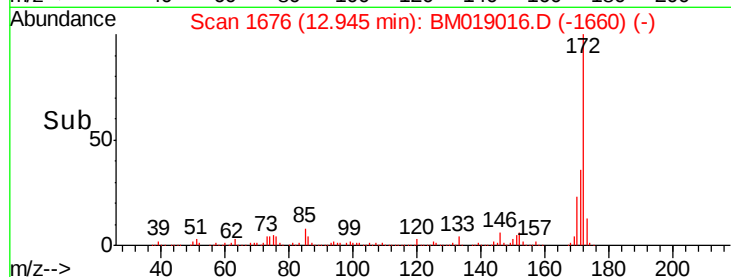
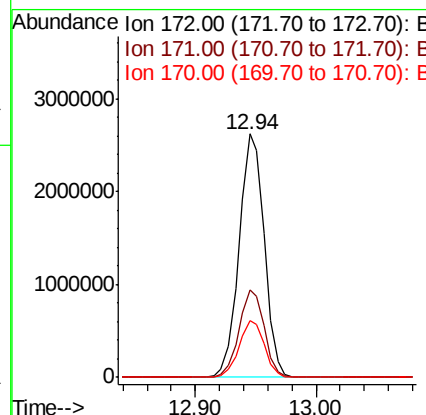
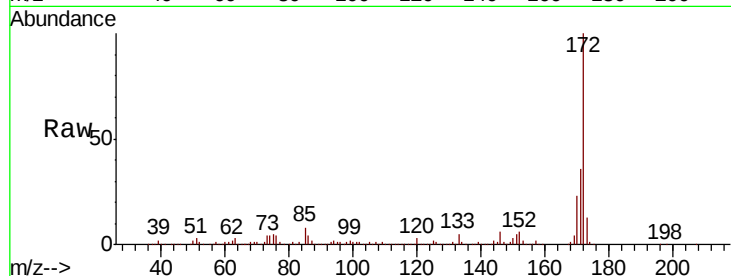
#45  
2-Fluorobiphenyl  
Concen: 75.364 ng  
RT: 12.94 min Scan# 1676  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 29.0  | 43.6  |
| 170     | 23.3  | 18.6  | 28.0  |

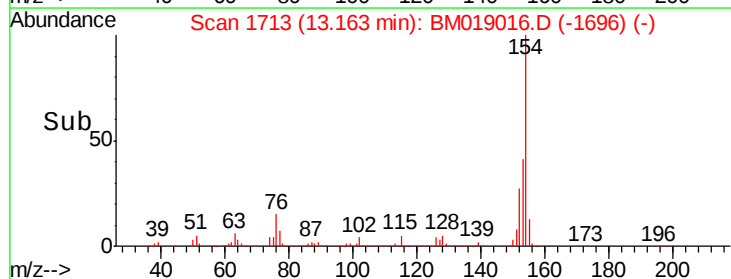
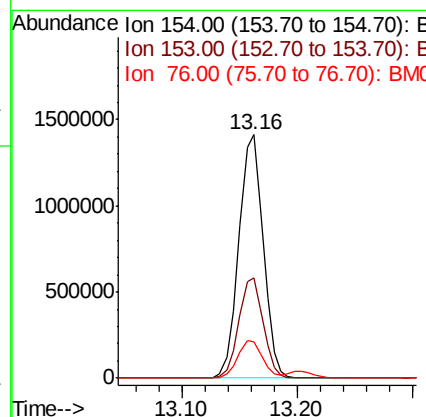
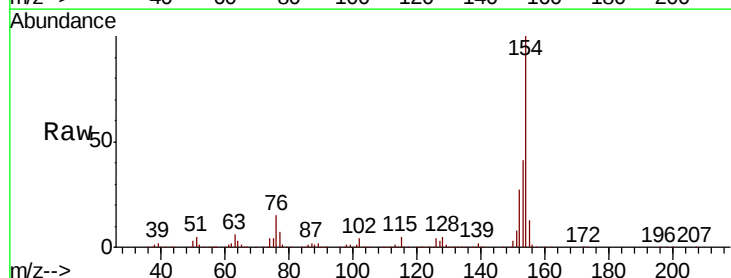
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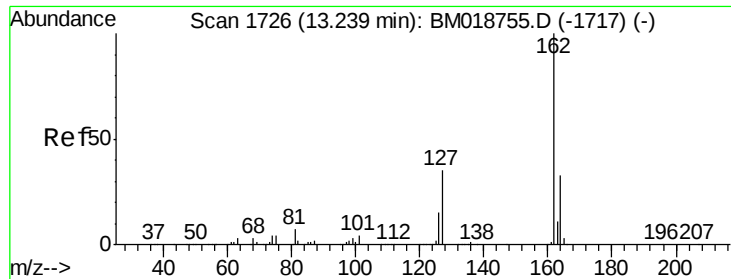
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3/5/2019 5:23:48 PM



#46  
1,1'-Biphenyl  
Concen: 35.832 ng  
RT: 13.16 min Scan# 1713  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.2  | 21.1  | 61.1  |
| 76      | 15.0  | 0.0   | 35.7  |





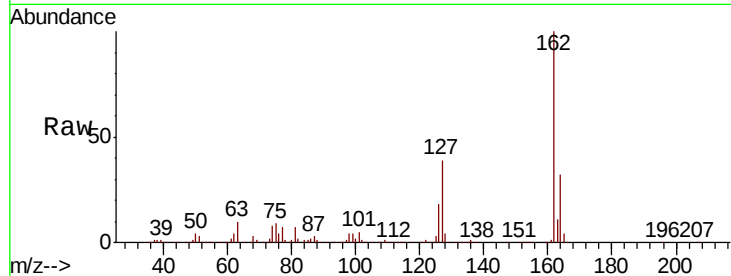
#47  
2-Chloronaphthalene  
Concen: 36.051 ng  
RT: 13.20 min Scan# 1720  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.9  | 31.1  | 46.7  |
| 164     | 32.2  | 26.4  | 39.6  |

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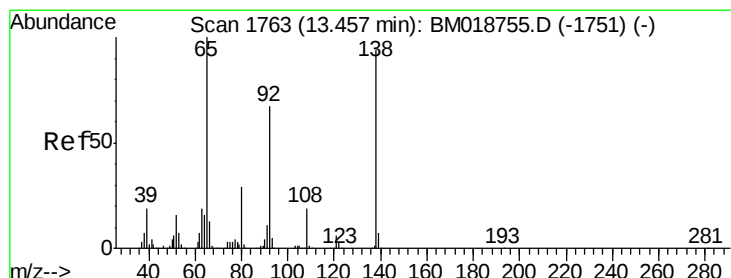
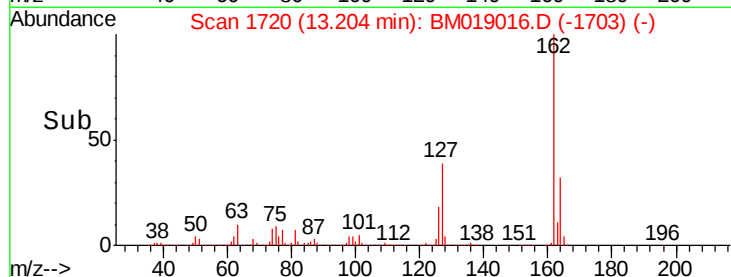
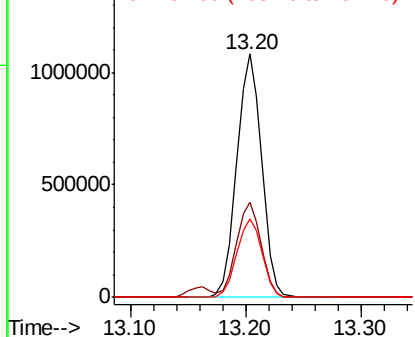


Abundance

Ion 162.00 (161.70 to 162.70): E

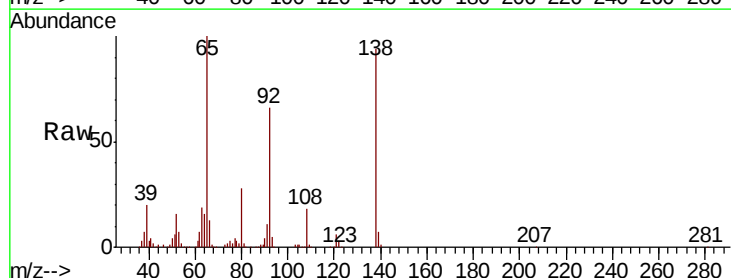
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 38.079 ng  
RT: 13.43 min Scan# 1758  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.7  | 54.0  | 81.0  |
| 138     | 93.5  | 74.9  | 112.3 |

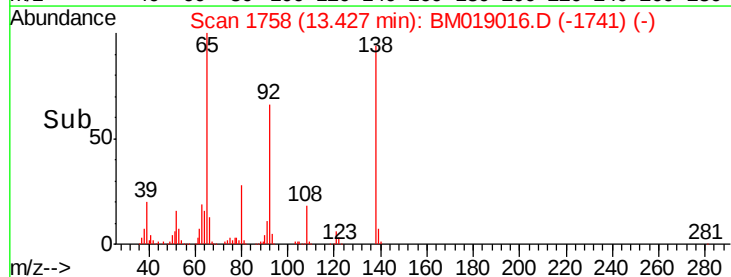
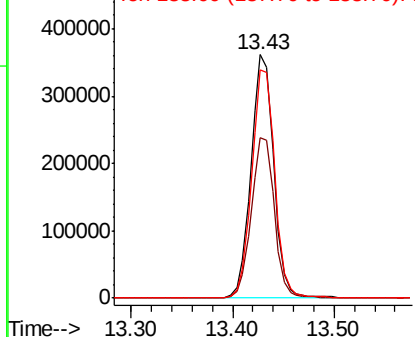


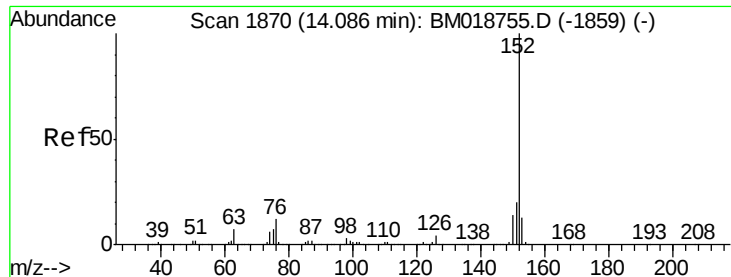
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.880 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

ClientSampleId :

A0C1-TWPMDS

Tot Ion:152 Resp: 2647383

Ion Ratio Lower Upper

152 100

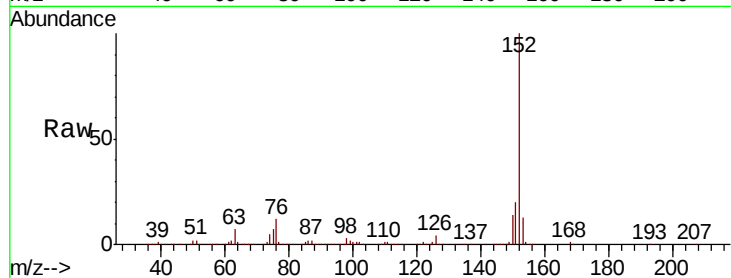
151 20.2 15.8 23.8

153 13.1 10.5 15.7

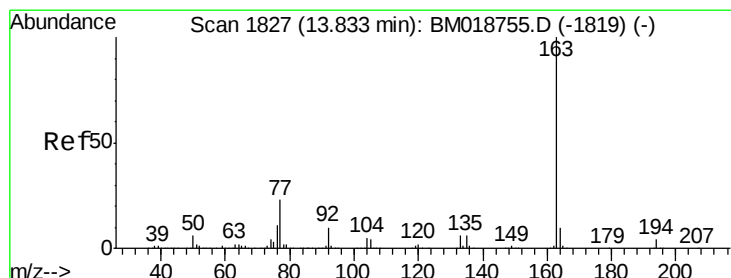
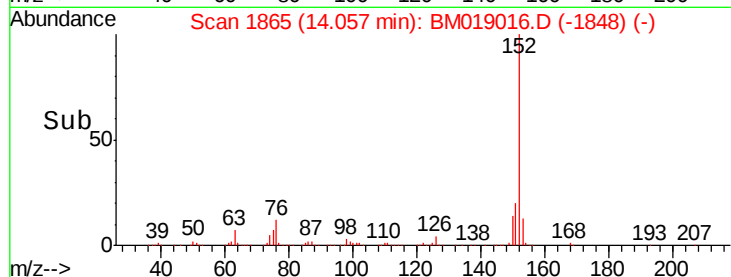
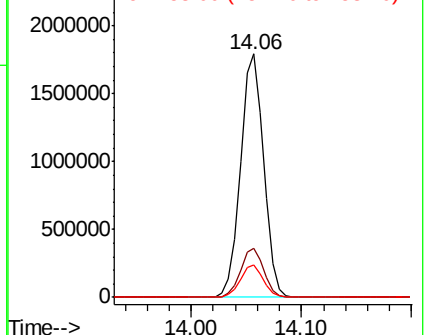
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.969 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

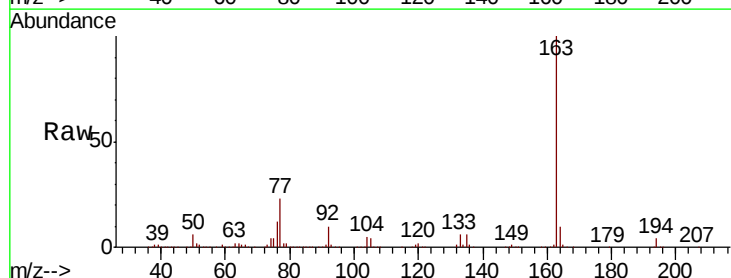
Tgt Ion:163 Resp: 2792455

Ion Ratio Lower Upper

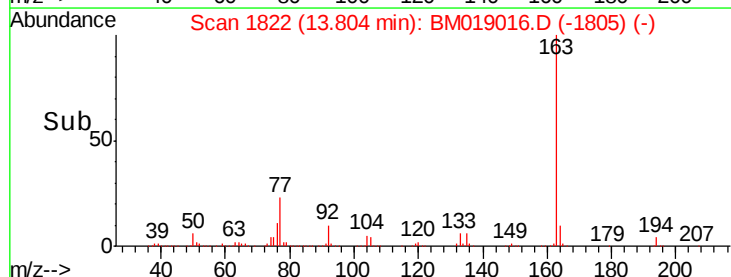
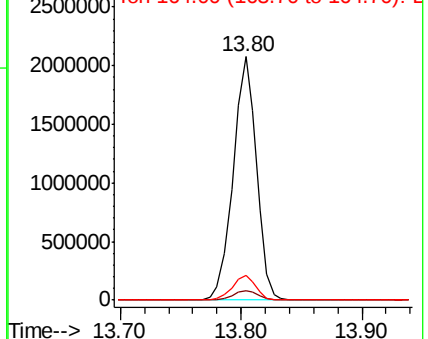
163 100

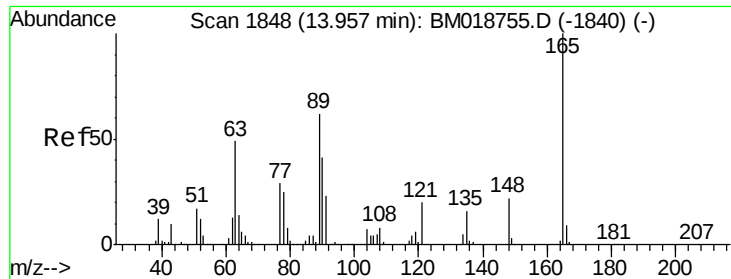
194 4.0 3.2 4.8

164 10.0 7.8 11.8



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





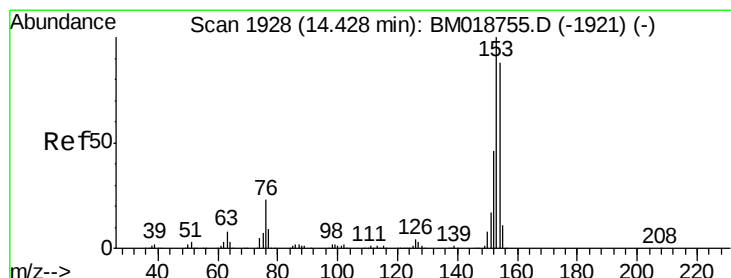
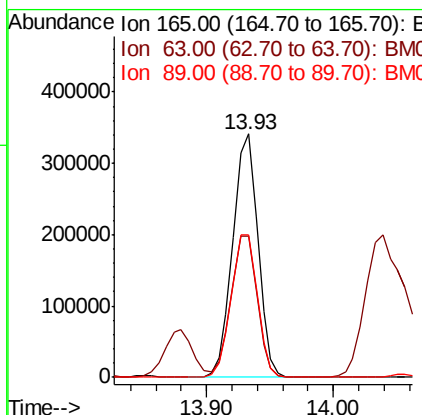
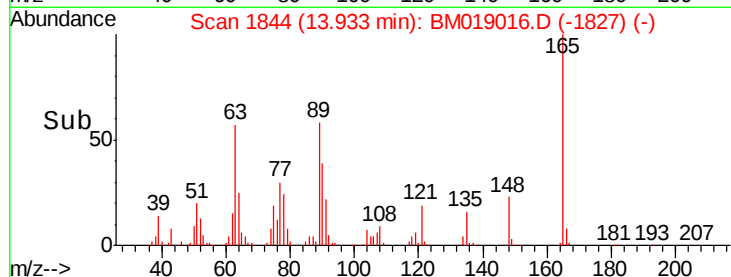
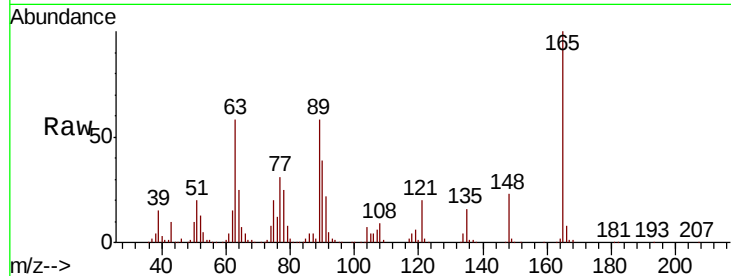
#51  
2,6-Dinitrotoluene  
Concen: 38.740 ng  
RT: 13.93 min Scan# 1844  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 468979 |       |       |
| 63      | 57.8  | 48.9   | 73.3  |       |
| 89      | 58.3  | 49.4   | 74.0  |       |

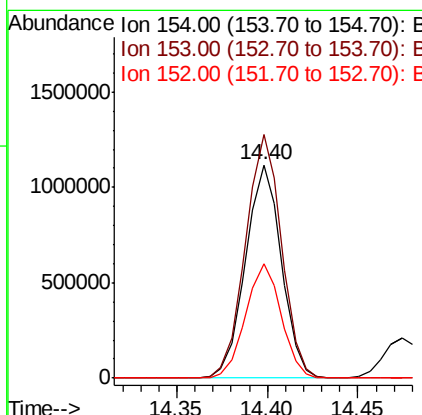
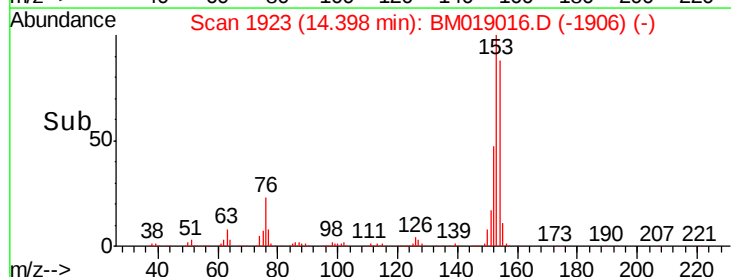
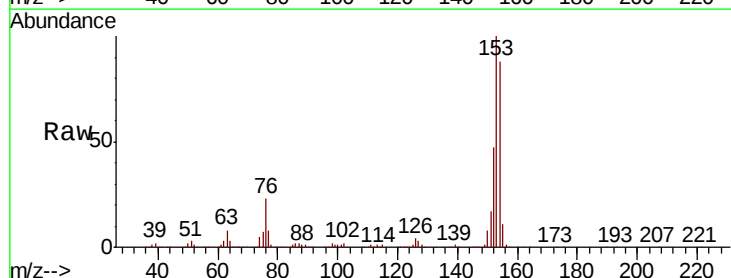
Manual Integrations  
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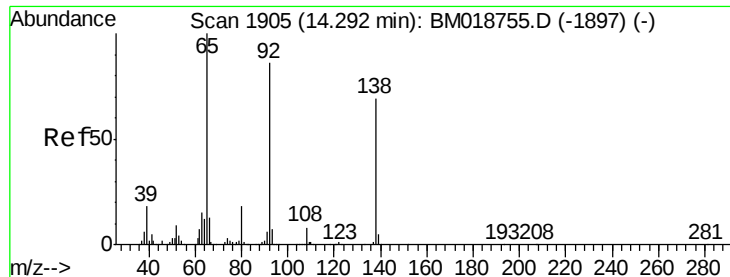
Sohil  
3/5/2019 5:23:48 PM



#52  
Acenaphthene  
Concen: 37.805 ng  
RT: 14.40 min Scan# 1923  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1538843 |       |       |
| 153     | 114.1 | 91.3    | 136.9 |       |
| 152     | 53.4  | 42.2    | 63.4  |       |





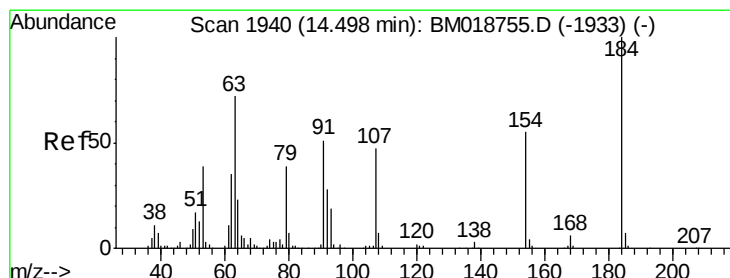
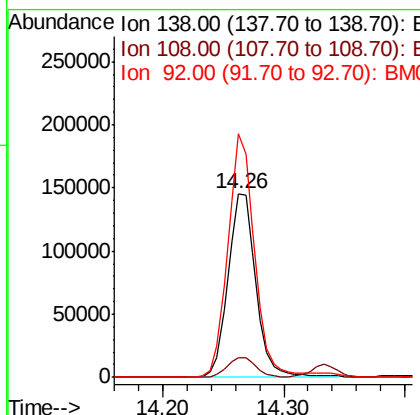
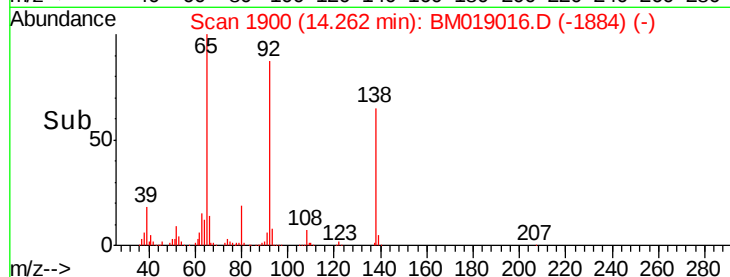
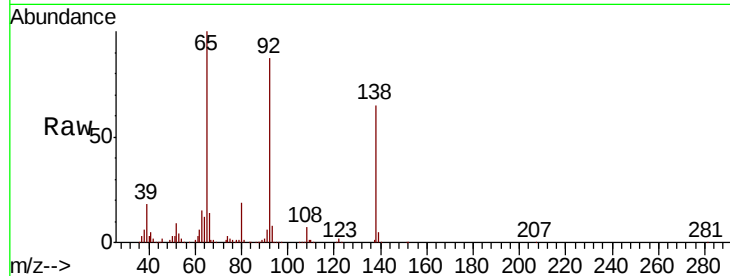
#53  
3-Nitroaniline  
Concen: 17.083 ng  
RT: 14.26 min Scan# 1900  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 233658 |       |       |
| 108     | 10.9  | 9.1    | 13.7  |       |
| 92      | 132.4 | 99.7   | 149.5 |       |

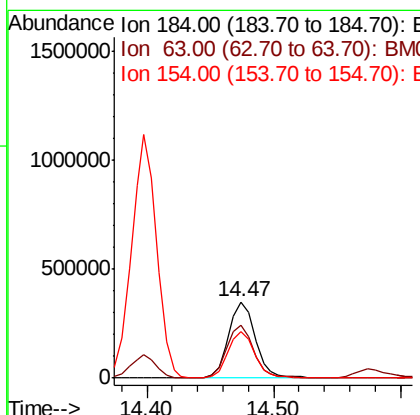
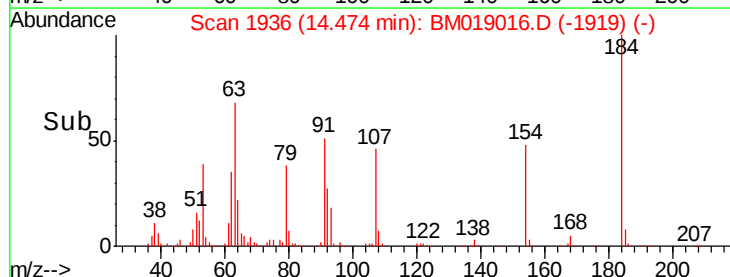
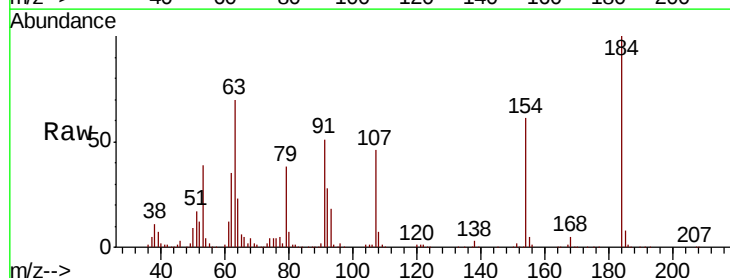
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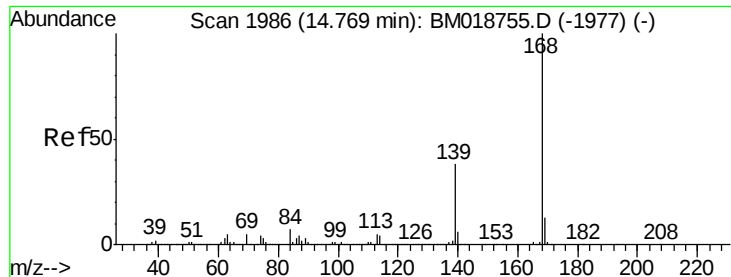
Sohil  
3/5/2019 5:23:48 PM



#54  
2,4-Dinitrophenol  
Concen: 67.740 ng  
RT: 14.47 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 513034 |       |       |
| 63      | 70.2  | 58.0   | 87.0  |       |
| 154     | 60.8  | 50.3   | 75.5  |       |





#55

Dibenzofuran

Concen: 37.606 ng

RT: 14.73 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

ClientSampleId :

A0C1-TWPMDS

Tot Ion:168 Resp: 2516023

Ion Ratio Lower Upper

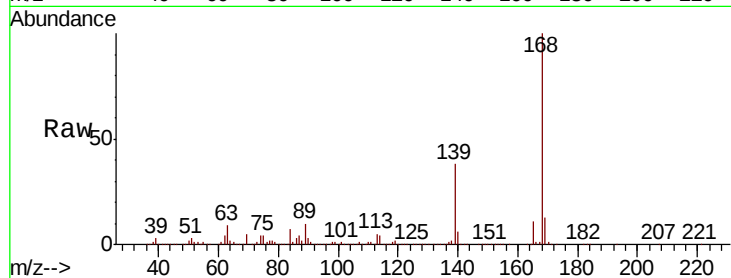
168 100

139 38.2 30.7 46.1

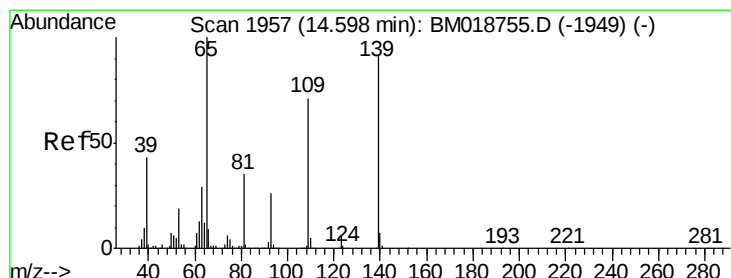
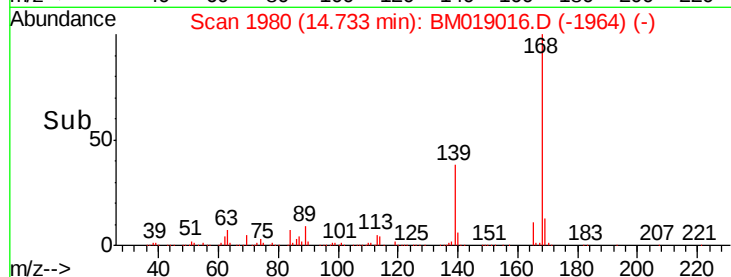
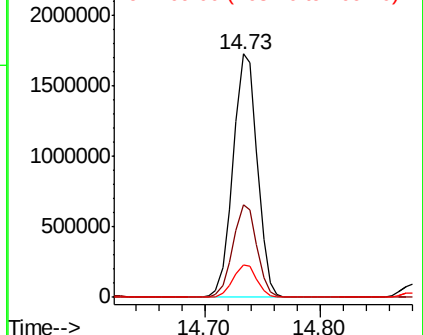
169 13.3 10.3 15.5

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3/5/2019 5:23:48 PM



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 20.805 ng

RT: 14.58 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

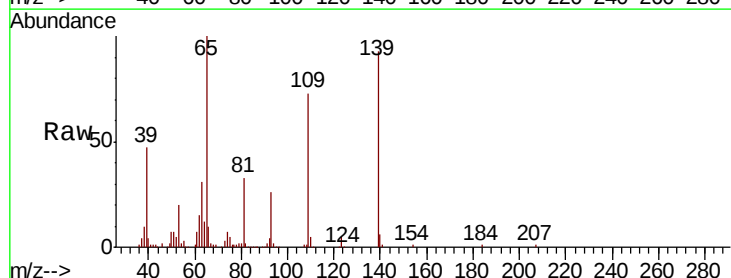
Tgt Ion:139 Resp: 227171

Ion Ratio Lower Upper

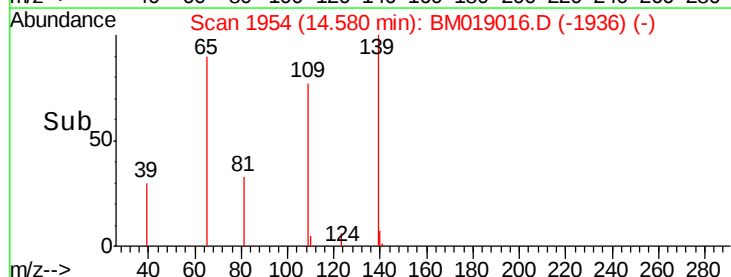
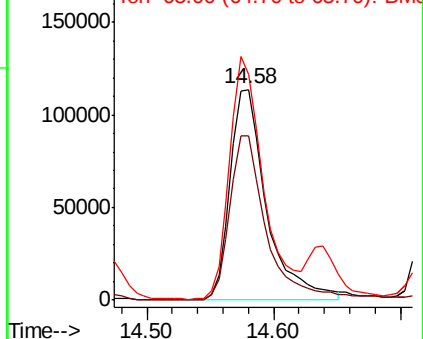
139 100

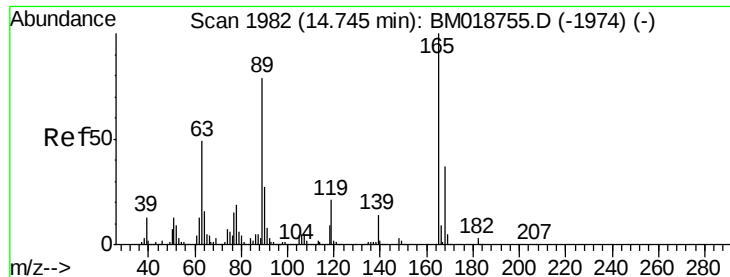
109 78.2 58.4 98.4

65 107.5 89.8 129.8



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): E





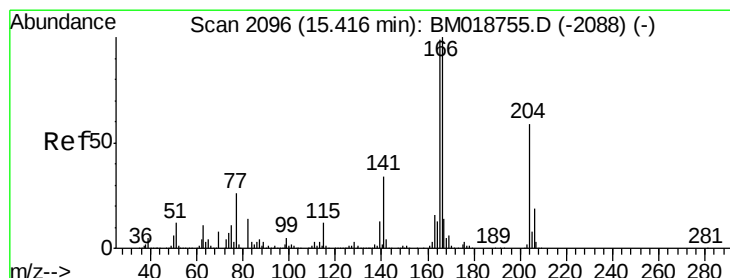
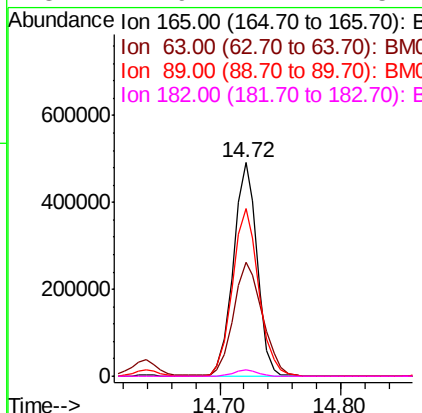
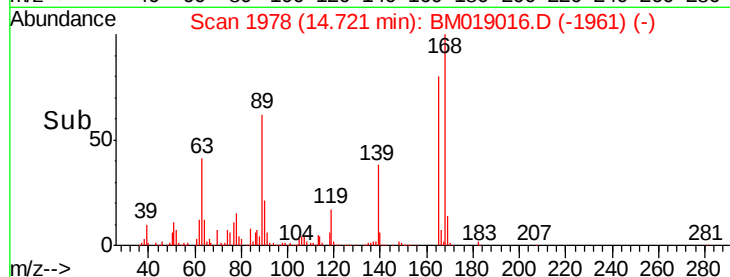
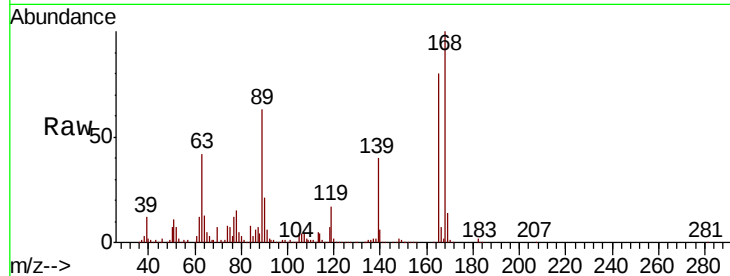
#57  
2,4-Dinitrotoluene  
Concen: 40.478 ng  
RT: 14.72 min Scan# 1978  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 675153 |       |       |
| 63      | 53.1  | 39.6   | 59.4  |       |
| 89      | 78.6  | 63.5   | 95.3  |       |
| 182     | 2.9   | 2.2    | 3.4   |       |

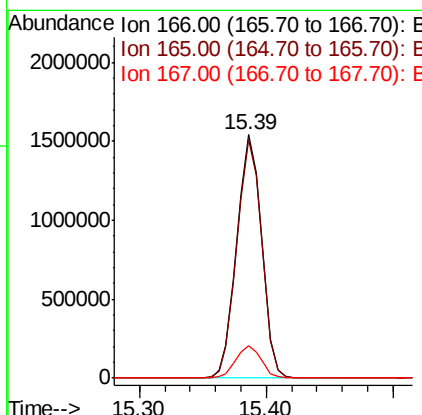
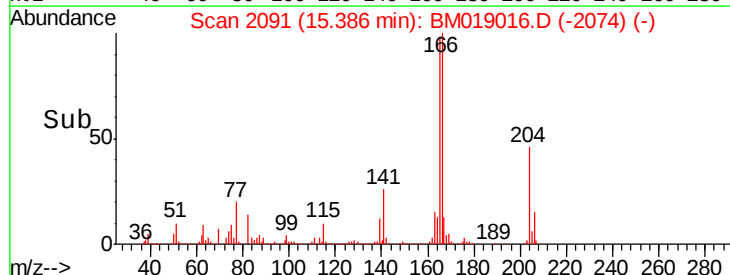
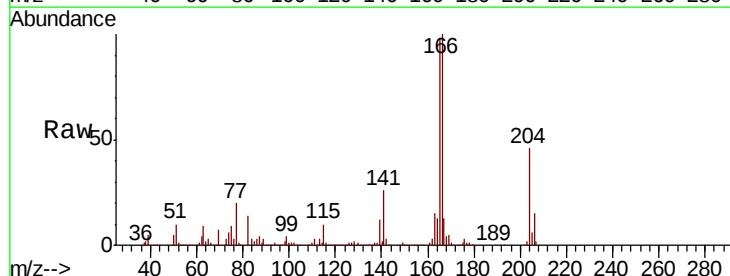
Manual Integrations  
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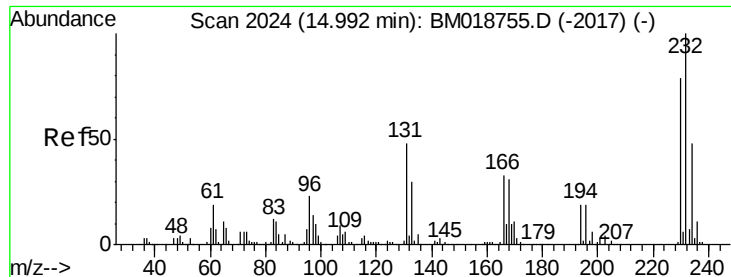
Sohil  
3/5/2019 5:23:48 PM



#58  
Fluorene  
Concen: 40.824 ng  
RT: 15.39 min Scan# 2091  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 2089545 |       |       |
| 165     | 97.8  | 79.1    | 118.7 |       |
| 167     | 13.3  | 11.0    | 16.4  |       |





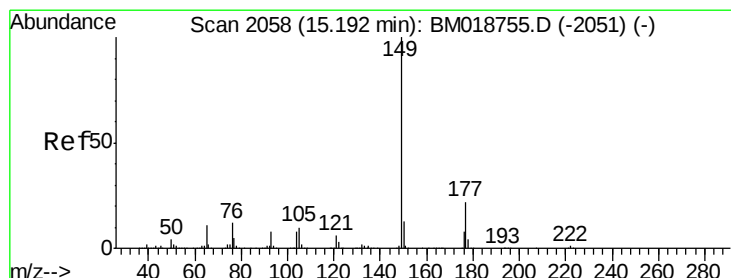
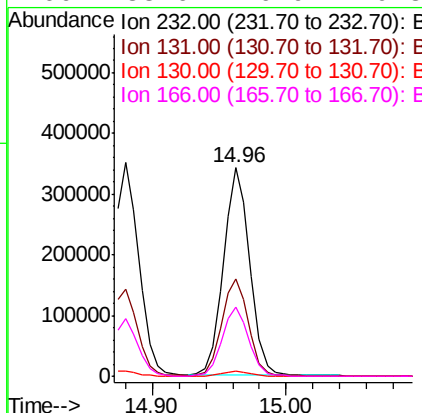
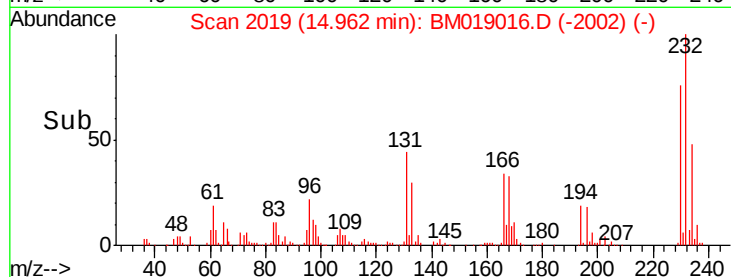
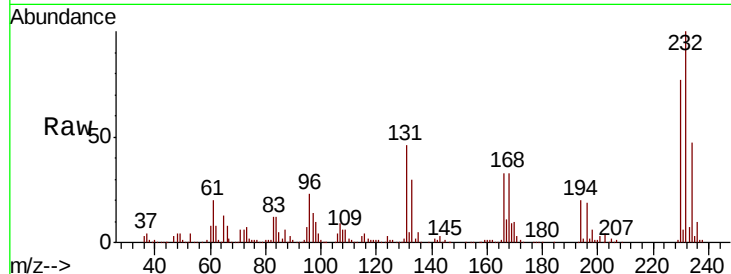
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 35.946 ng  
RT: 14.96 min Scan# 2019  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 472900 |       |       |
| 131     | 47.3  |        | 38.6  | 57.8  |
| 130     | 2.5   |        | 2.0   | 3.0   |
| 166     | 33.6  |        | 26.9  | 40.3  |

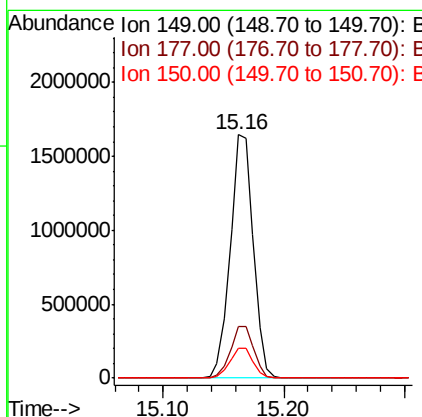
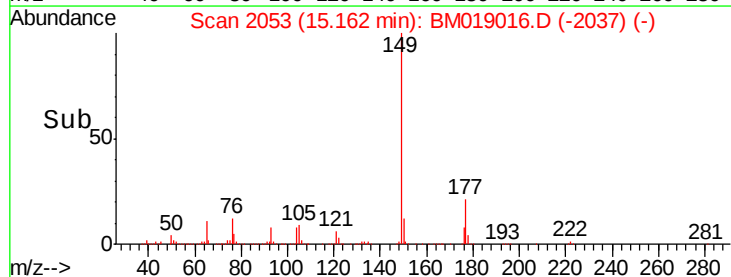
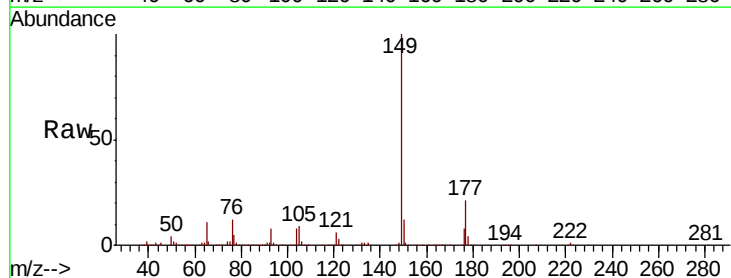
Manual Integrations  
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3/5/2019 5:23:48 PM



#60  
Diethylphthalate  
Concen: 37.869 ng  
RT: 15.16 min Scan# 2053  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 2183043 |       |       |
| 177     | 21.4  |         | 17.2  | 25.8  |
| 150     | 12.5  |         | 10.2  | 15.2  |





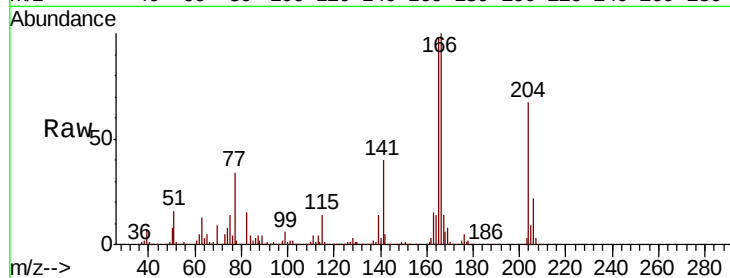
#61  
4-Chlorophenyl-phenylether  
Concen: 35.559 ng  
RT: 15.38 min Scan# 2090  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.6  | 26.2  | 39.2  |
| 141     | 60.5  | 49.2  | 73.8  |

Manual Integrations  
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3/5/2019 5:23:48 PM

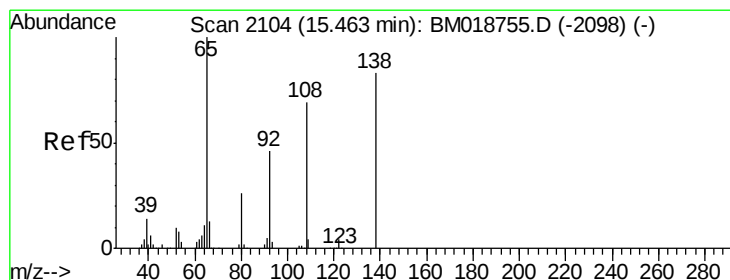
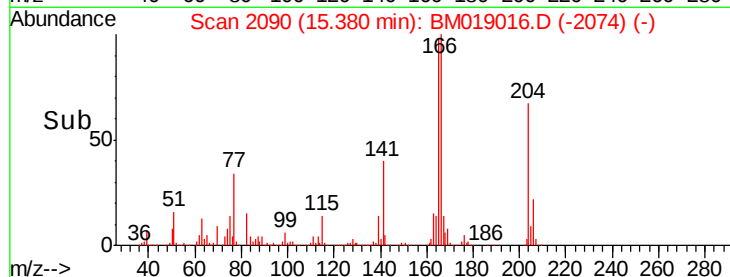
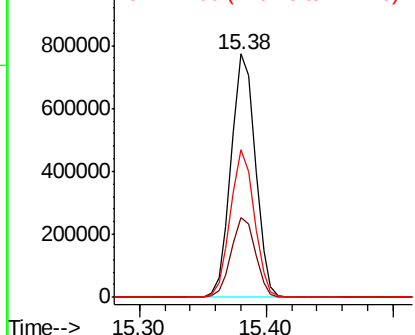


Abundance

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: 32.115 ng  
RT: 15.43 min Scan# 2099  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

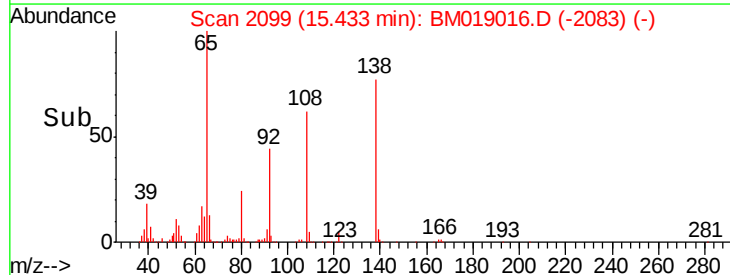
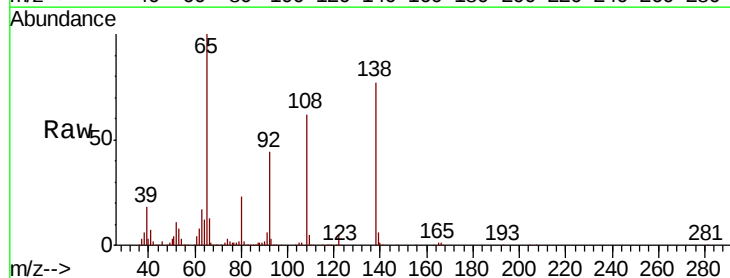
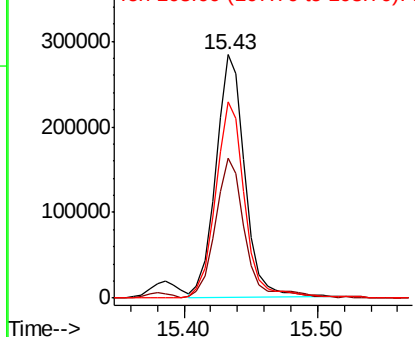
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 57.3  | 35.5  | 75.5  |
| 108     | 80.6  | 62.4  | 102.4 |

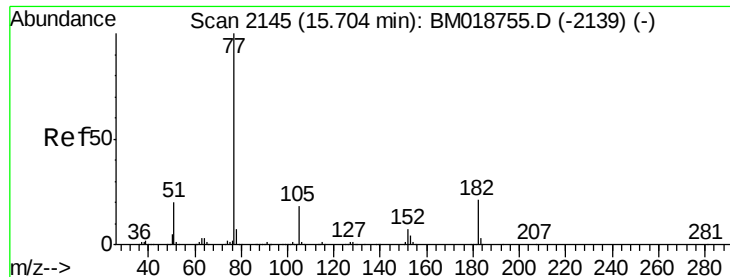
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.772 ng

RT: 15.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

ClientSampleId :

A0C1-TWPMDS

Tot Ion: 77 Resp: 2334676

Ion Ratio Lower Upper

77 100

182 21.3 1.0 41.0

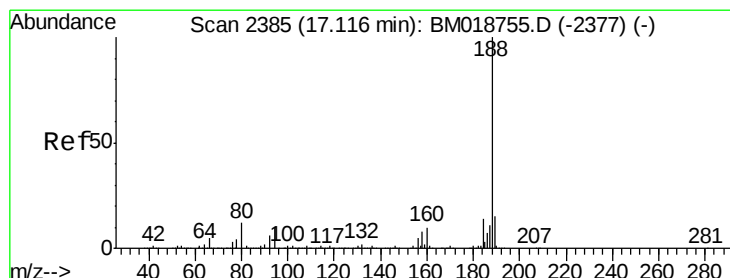
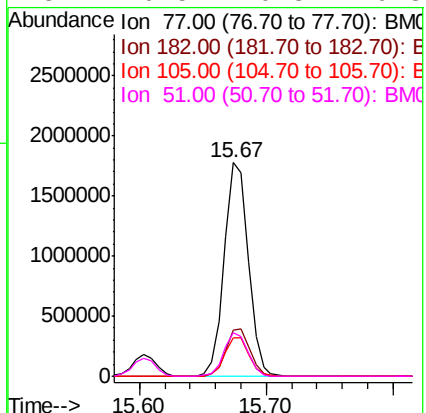
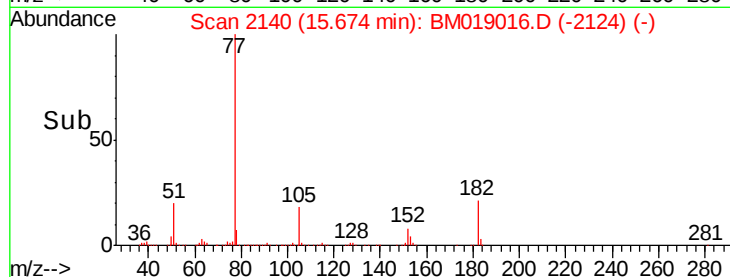
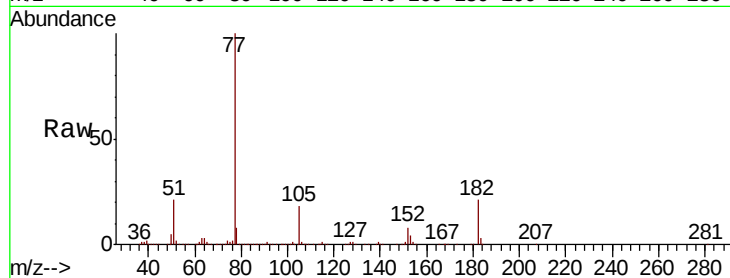
105 18.0 0.0 37.7

51 20.5 0.3 40.3

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

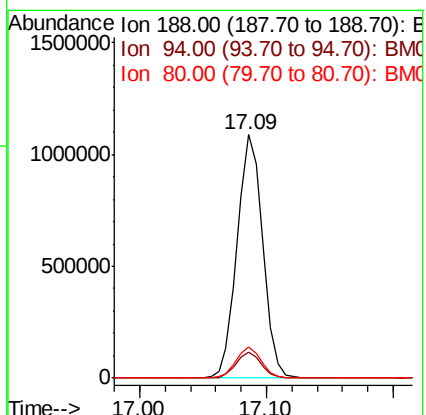
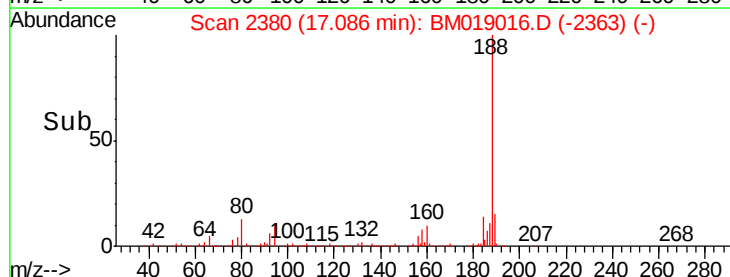
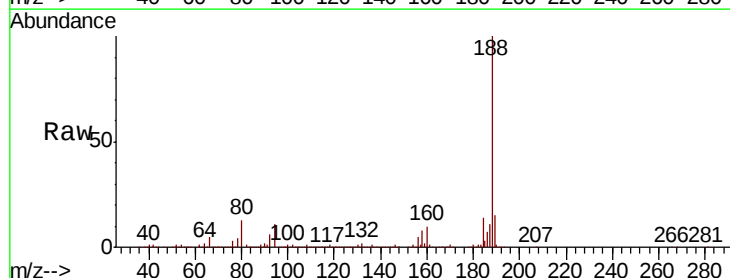
Tgt Ion: 188 Resp: 1517233

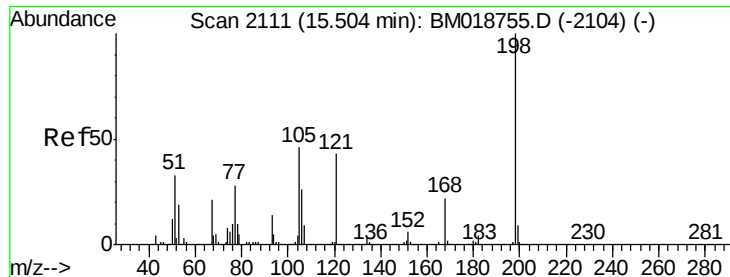
Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.2

80 12.7 9.7 14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 31.461 ng

RT: 15.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

ClientSampleId :

A0C1-TWPMDS

Tot Ion:198 Resp: 335144

Ion Ratio Lower Upper

198 100

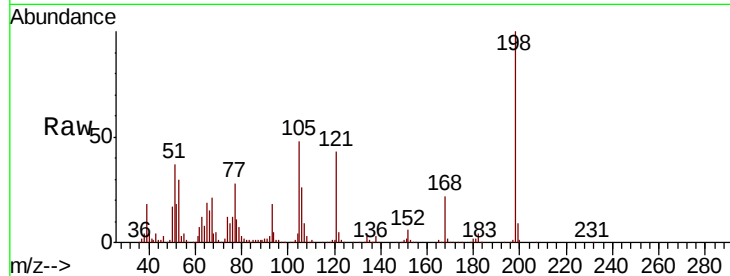
51 36.6 18.4 58.4

105 48.0 27.2 67.2

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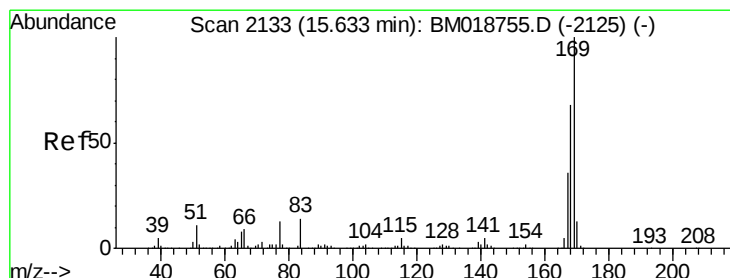
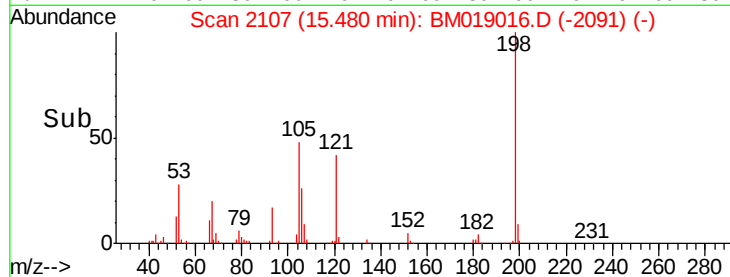
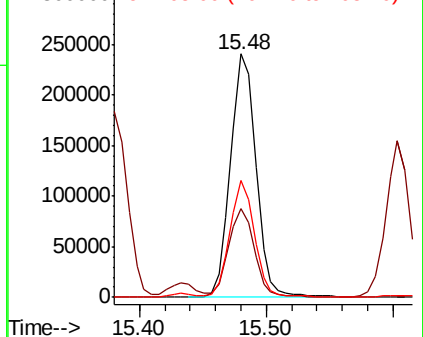
3/5/2019 5:23:48 PM



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: 36.478 ng

RT: 15.60 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

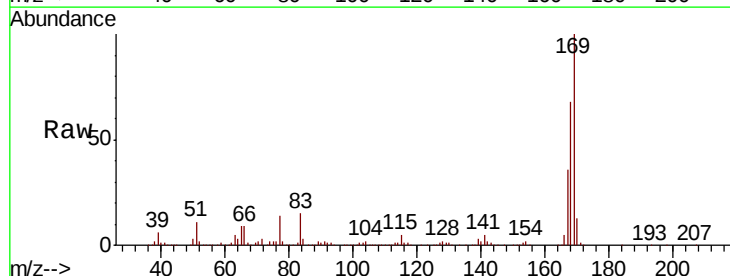
Tgt Ion:169 Resp: 1748605

Ion Ratio Lower Upper

169 100

168 68.2 54.4 81.6

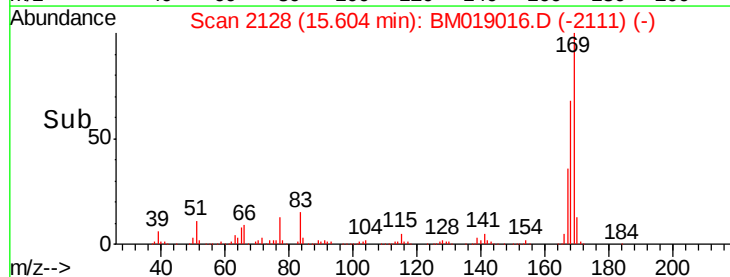
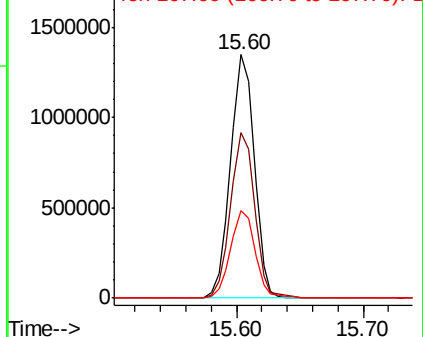
167 36.1 29.0 43.6

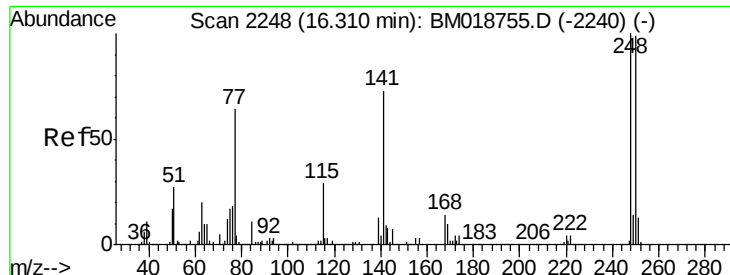


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





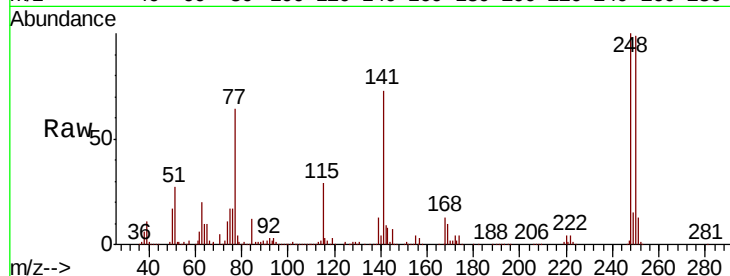
#67  
4-Bromophenyl-phenylether  
Concen: 36.439 ng  
RT: 16.28 min Scan# 2243  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.0  | 79.0  | 118.6 |
| 141     | 73.3  | 58.6  | 88.0  |

Manual Integrations  
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Sohil  
3/5/2019 5:23:48 PM

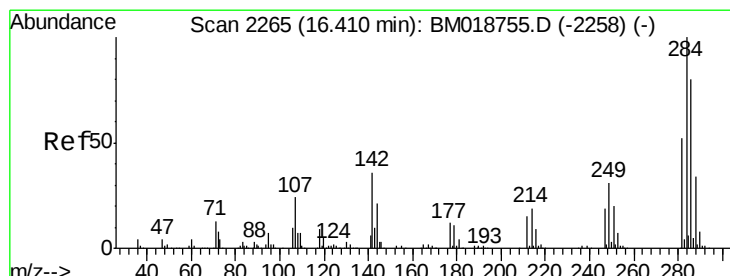
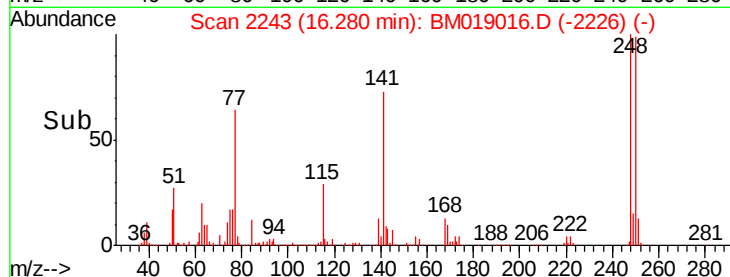
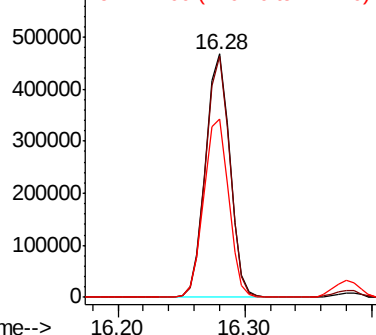


Abundance

Ion 248.00 (247.70 to 248.70): E

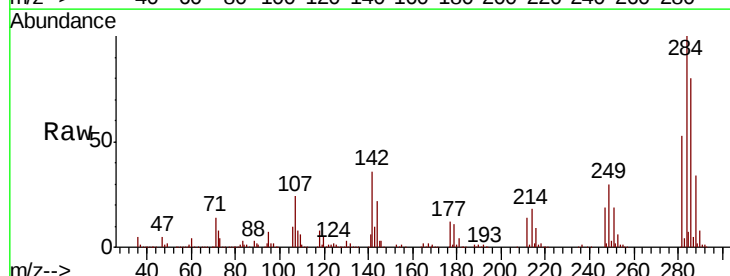
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 36.552 ng  
RT: 16.38 min Scan# 2260  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.2  | 28.9  | 43.3  |
| 249     | 30.0  | 24.8  | 37.2  |

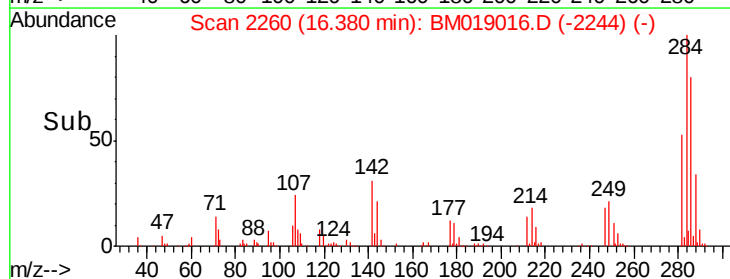
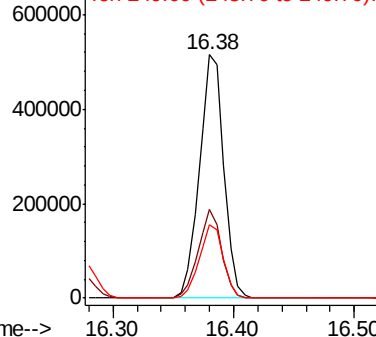


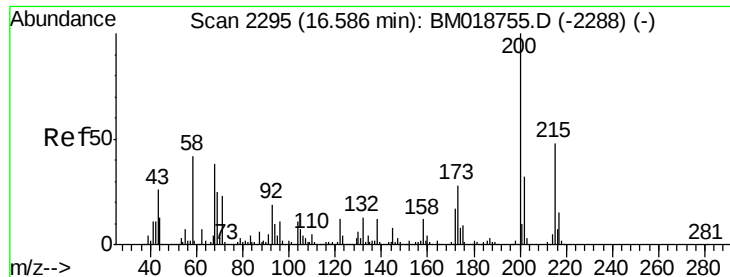
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





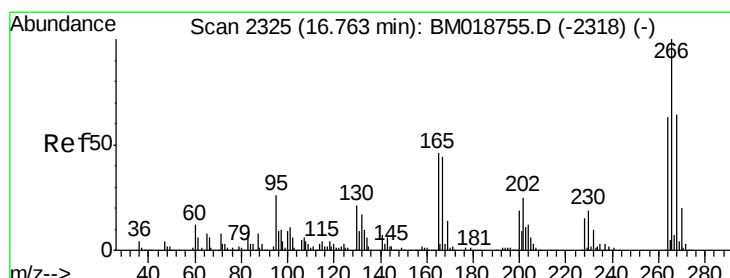
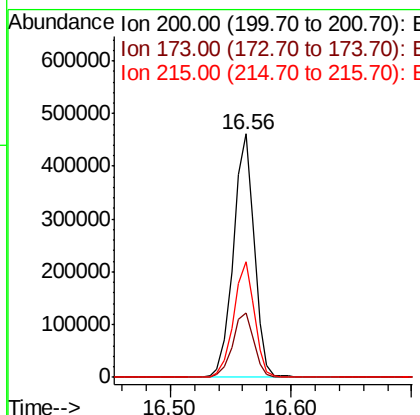
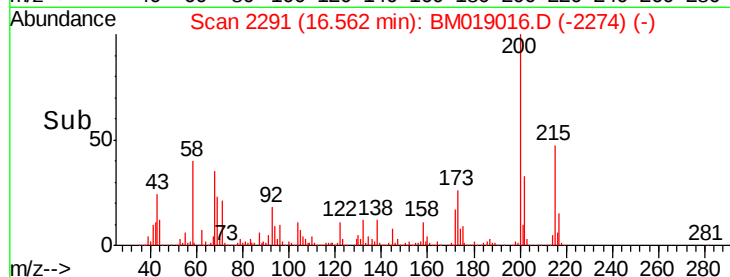
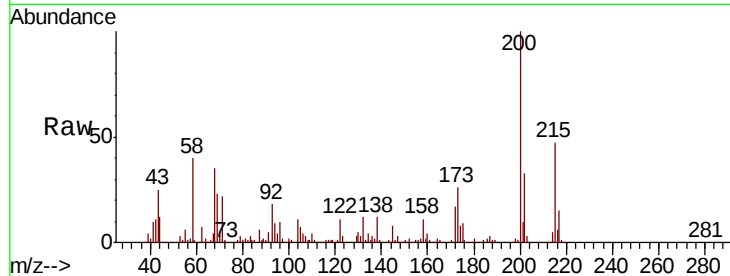
#69  
Atrazine  
Concen: 36.142 ng  
RT: 16.56 min Scan# 2291  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 558539 |       |       |
| 173     | 26.5  |        | 7.6   | 47.6  |
| 215     | 47.4  |        | 27.6  | 67.6  |

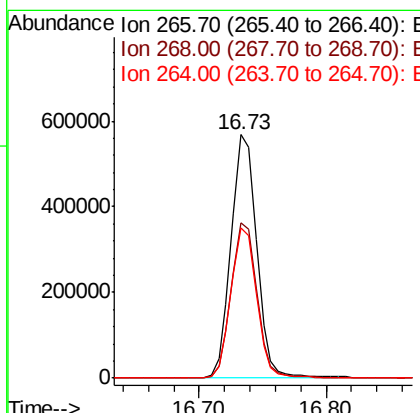
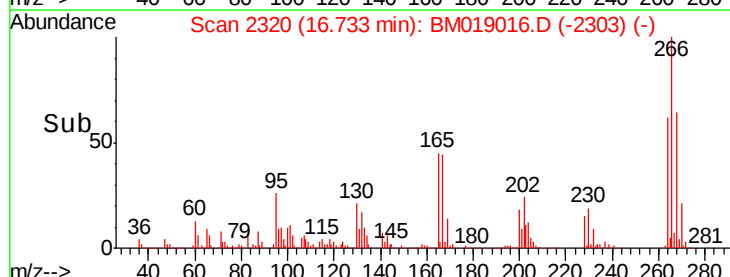
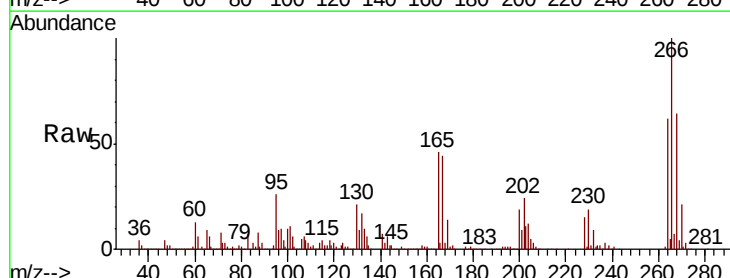
Manual Integrations  
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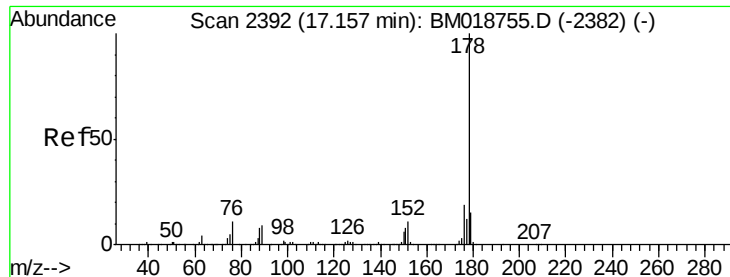
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#70  
Pentachlorophenol  
Concen: 62.724 ng  
RT: 16.73 min Scan# 2320  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 797236 |       |       |
| 268     | 63.5  |        | 51.3  | 76.9  |
| 264     | 61.8  |        | 50.6  | 75.8  |





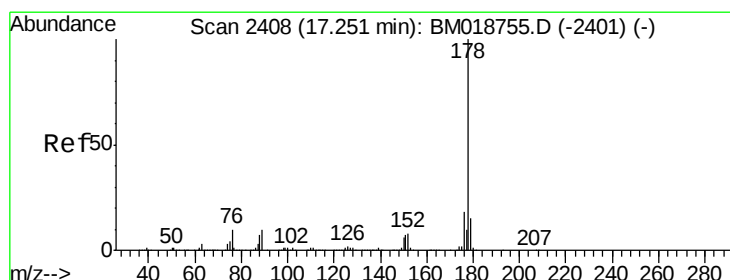
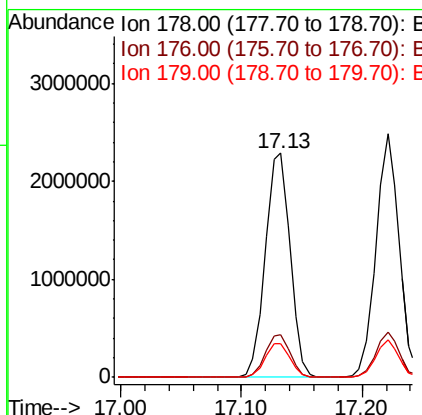
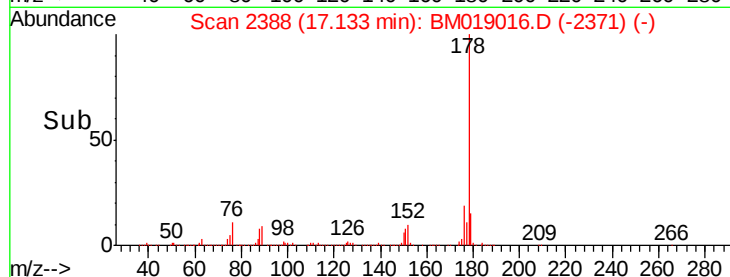
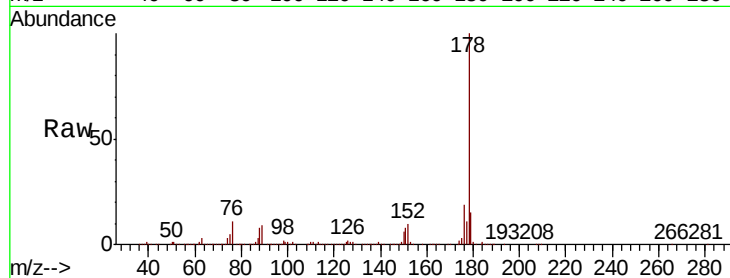
#71  
Phenanthrene  
Concen: 39.818 ng  
RT: 17.13 min Scan# 2388  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

Tot Ion:178 Resp: 3246657  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.0  
179 15.2 12.3 18.5

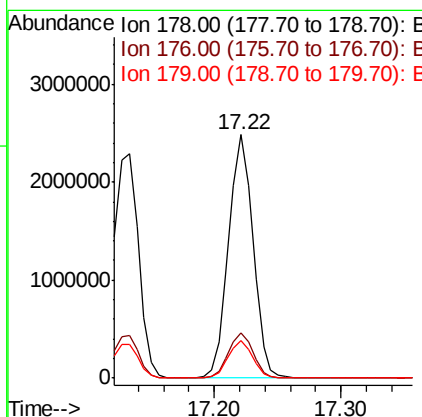
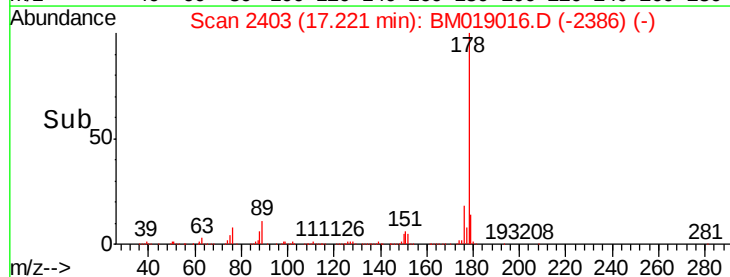
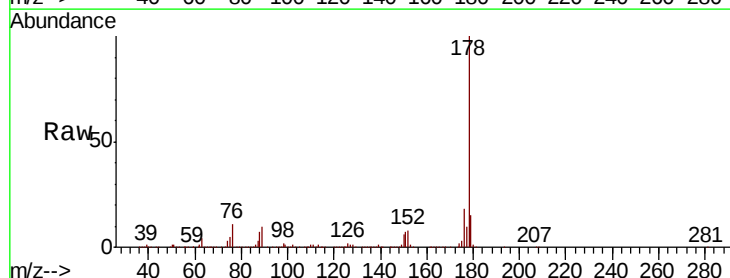
Manual Integrations  
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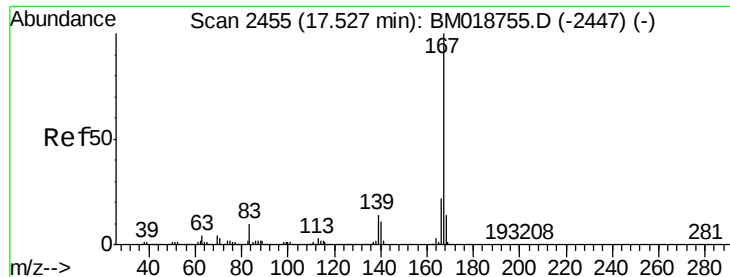
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#72  
Anthracene  
Concen: 41.732 ng  
RT: 17.22 min Scan# 2403  
Delta R.T. -0.00 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Tgt Ion:178 Resp: 3312016  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.8 22.2  
179 15.2 12.1 18.1





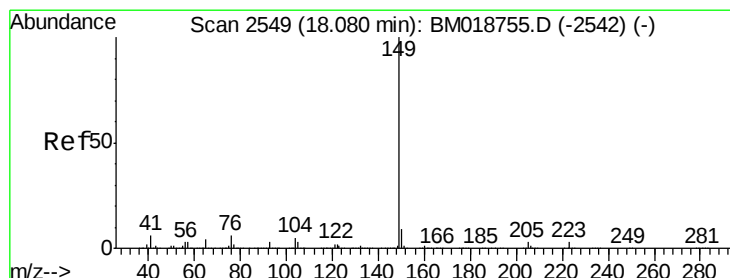
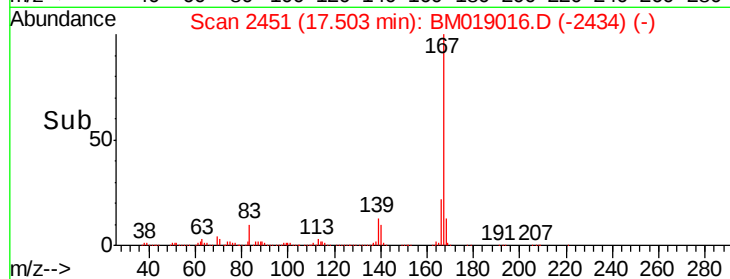
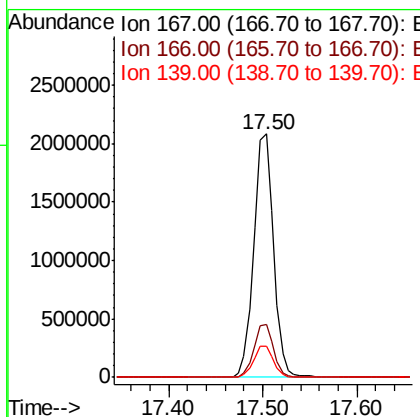
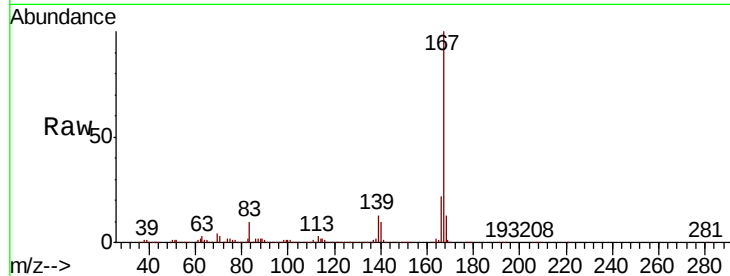
#73  
 Carbazole  
 Concen: 36.602 ng  
 RT: 17.50 min Scan# 2451  
 Delta R.T. -0.00 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0C1-TWPMDS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.7  | 26.5  |
| 139     | 12.8  | 10.9  | 16.3  |

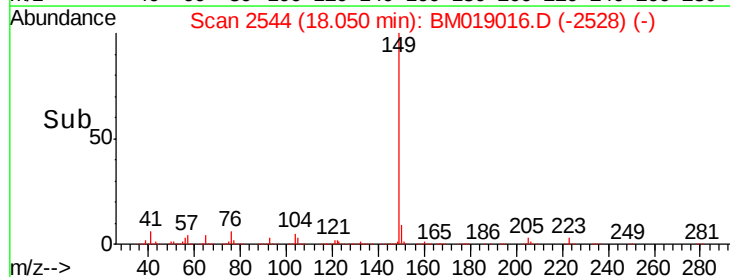
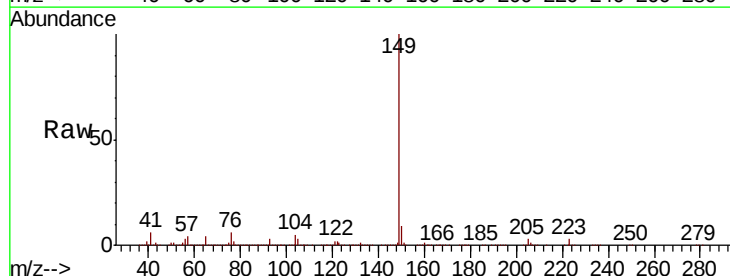
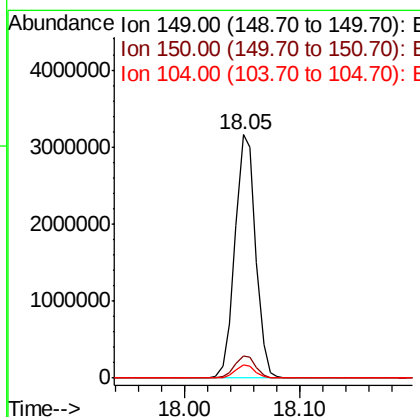
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#74  
 Di-n-butylphthalate  
 Concen: 41.027 ng  
 RT: 18.05 min Scan# 2544  
 Delta R.T. -0.01 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 7.4   | 11.0  |
| 104     | 5.4   | 4.3   | 6.5   |





#75

Fluoranthene

Concen: 38.840 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

ClientSampleId :

A0C1-TWPMDS

Tot Ion:202 Resp: 3658185

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.5

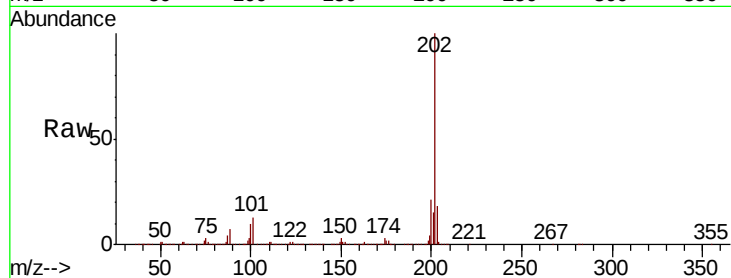
203 17.6 0.0 37.3

Manual Integrations

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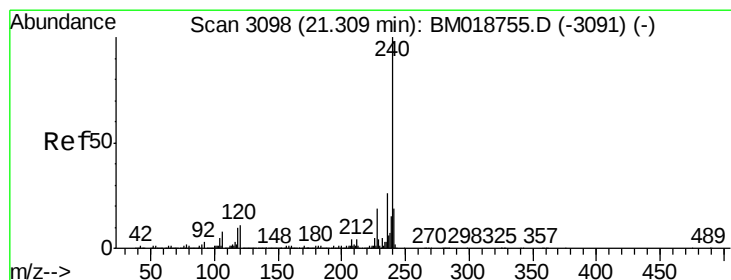
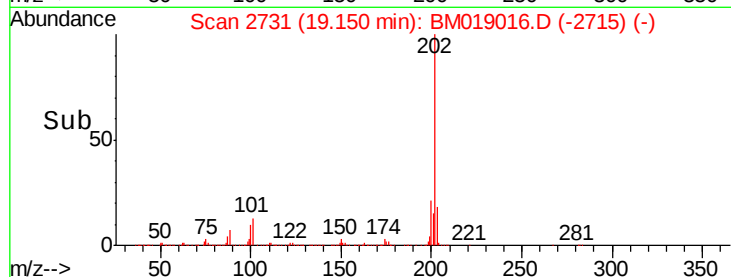
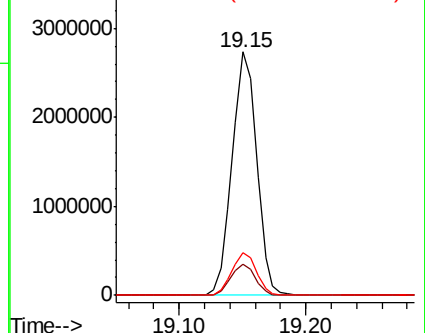
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Tgt Ion:240 Resp: 1350169

Ion Ratio Lower Upper

240 100

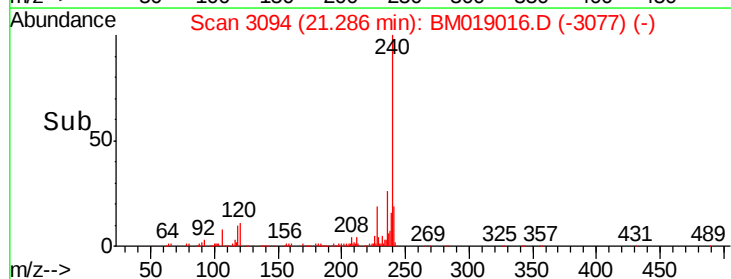
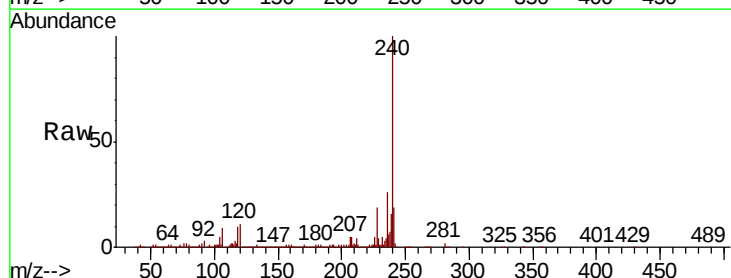
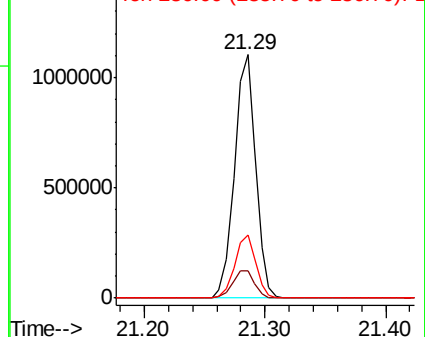
120 11.4 8.9 13.3

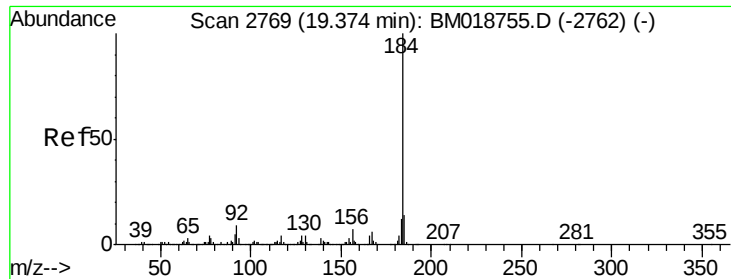
236 25.9 20.9 31.3

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.136 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

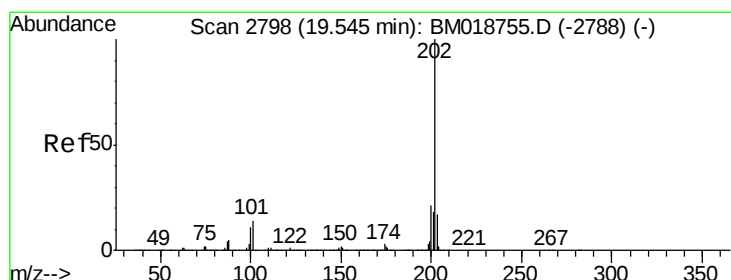
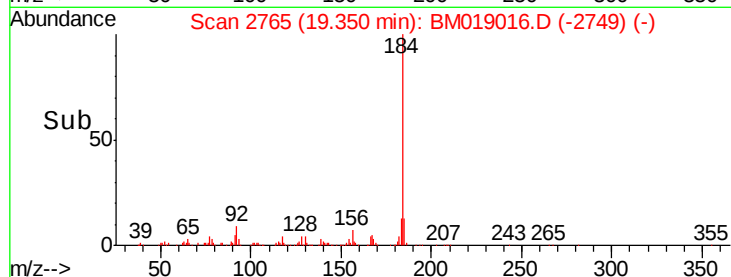
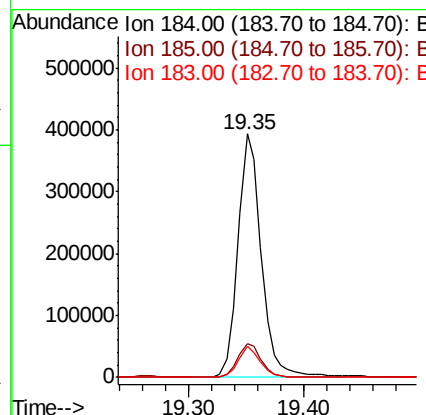
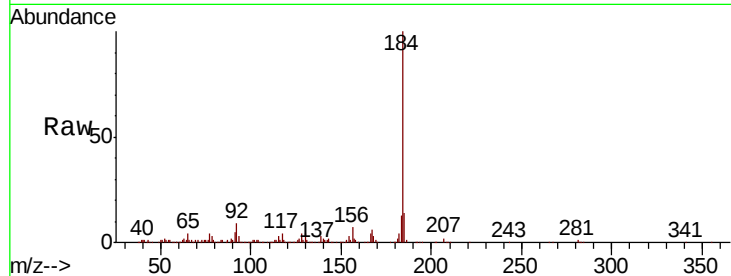
ClientSampleId :

A0C1-TWPMDS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.0  | 11.2  | 16.8  |
| 183     | 12.7  | 9.7   | 14.5  |

Manual Integrations  
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#78

Pyrene

Concen: 47.514 ng

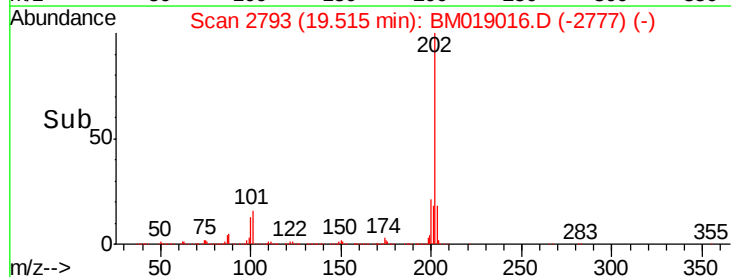
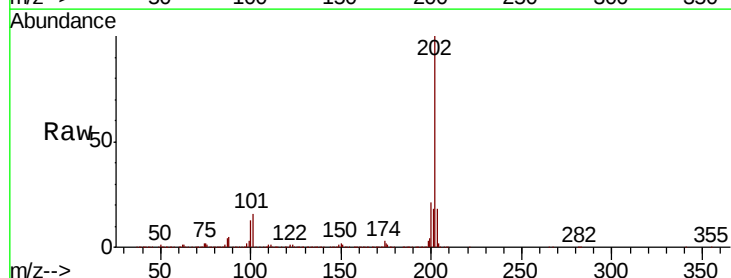
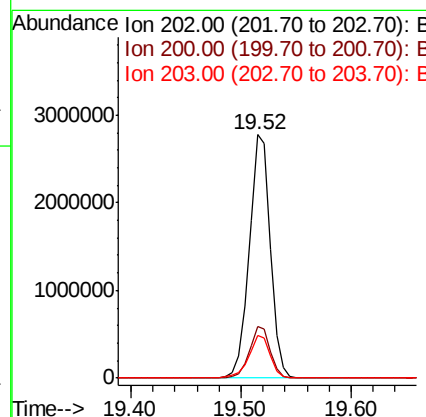
RT: 19.52 min Scan# 2793

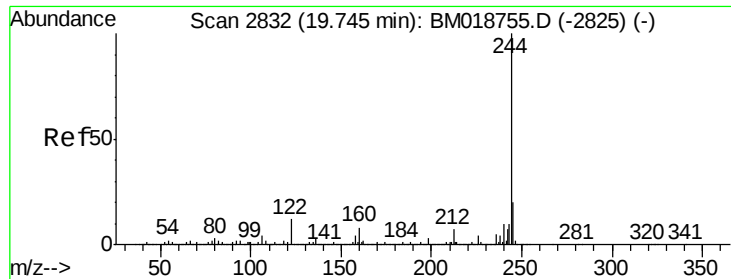
Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.1  | 16.9  | 25.3  |
| 203     | 17.7  | 13.8  | 20.8  |





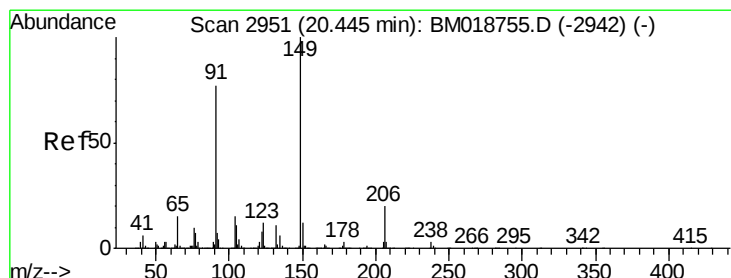
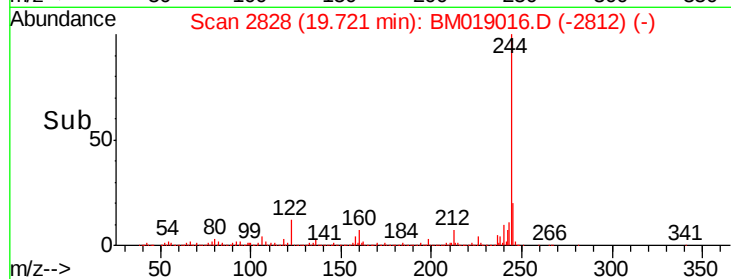
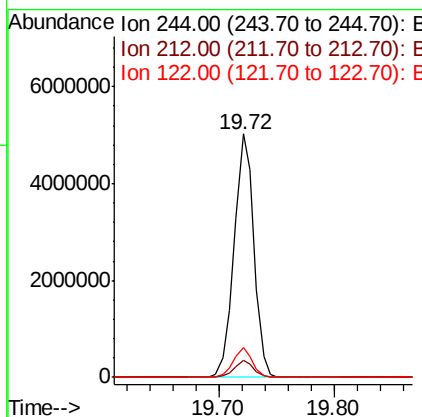
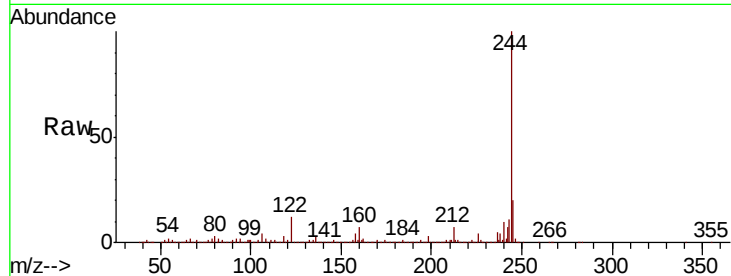
#79  
 Terphenyl-d14  
 Concen: 90.460 ng  
 RT: 19.72 min Scan# 2828  
 Delta R.T. -0.01 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0C1-TWPMSD

Tot Ion:244 Resp: 5920609  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.6 8.4  
 122 12.1 9.3 13.9

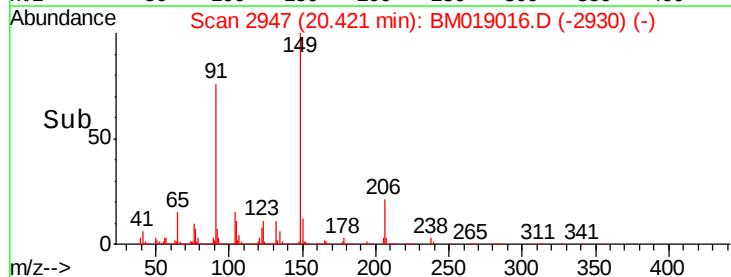
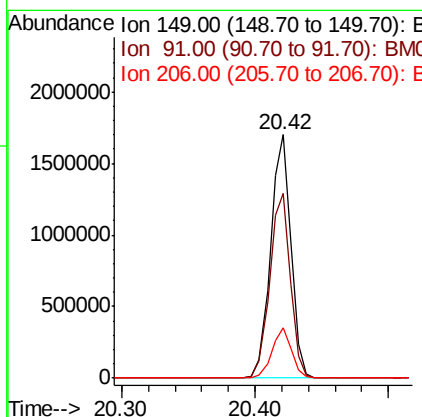
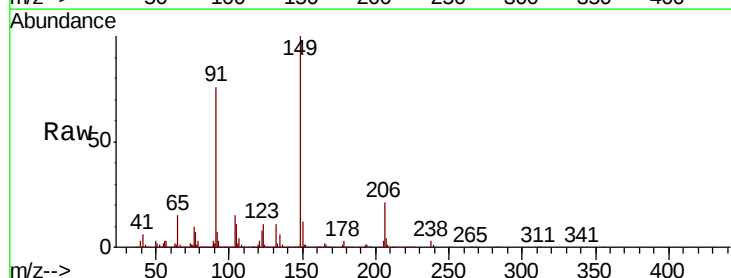
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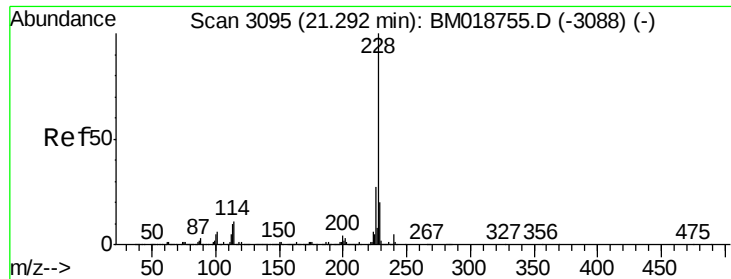
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#80  
 Butylbenzylphthalate  
 Concen: 50.361 ng  
 RT: 20.42 min Scan# 2947  
 Delta R.T. -0.00 min  
 Lab File: BM019016.D  
 Acq: 04 Mar 2019 19:05

Tgt Ion:149 Resp: 1799784  
 Ion Ratio Lower Upper  
 149 100  
 91 75.8 61.4 92.0  
 206 20.7 15.8 23.8





#81

Benzo(a)anthracene

Concen: 40.901 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

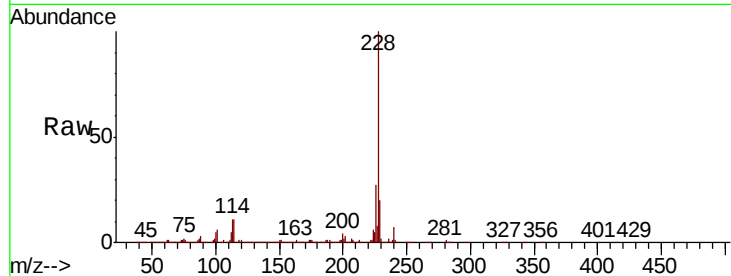
ClientSampleId :

A0C1-TWPMDS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.2  | 21.9  | 32.9  |
| 229     | 19.9  | 15.9  | 23.9  |

Manual Integrations  
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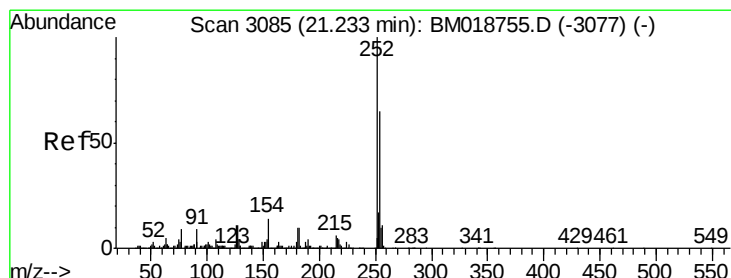
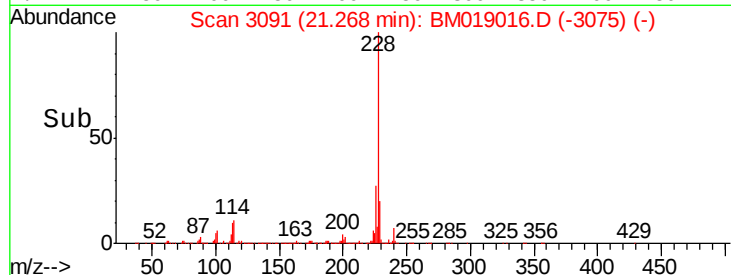
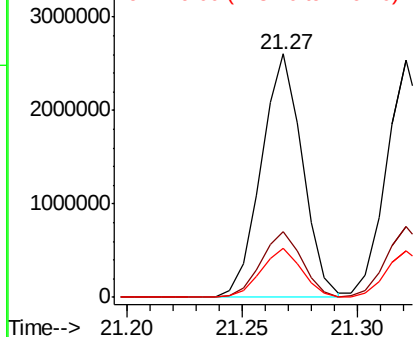


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.311 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

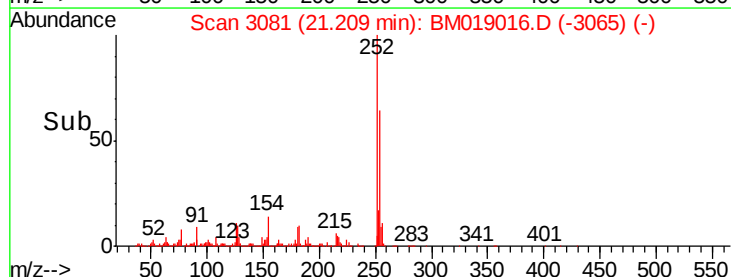
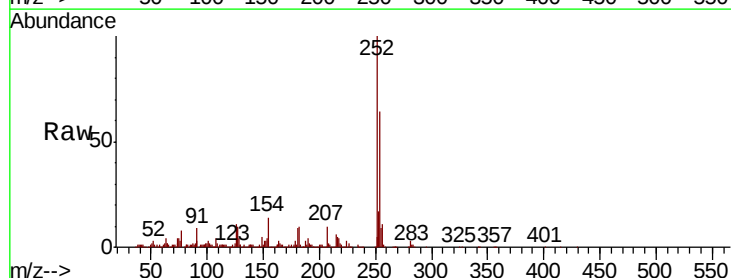
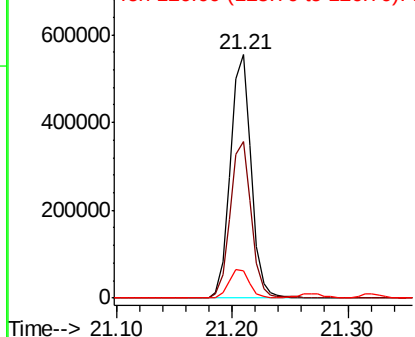
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.5  | 51.8  | 77.8  |
| 126     | 11.2  | 9.1   | 13.7  |

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





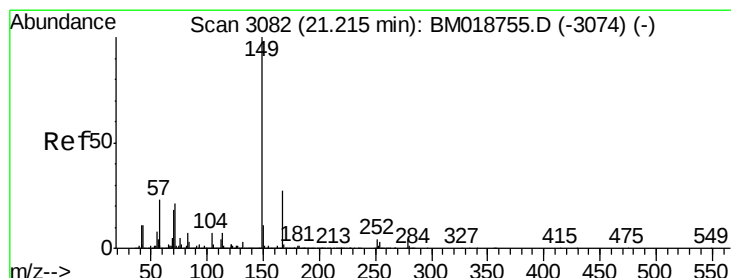
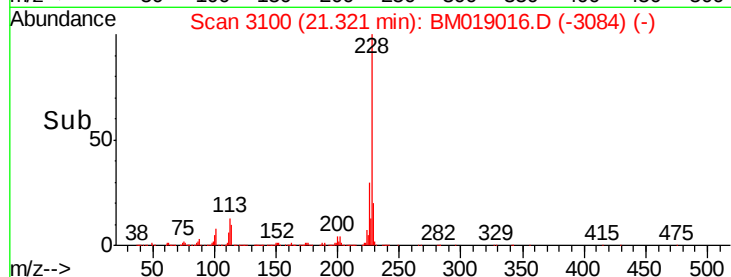
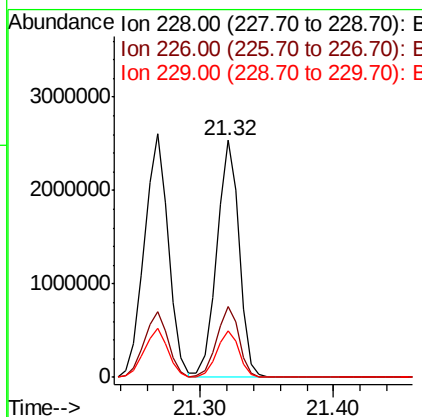
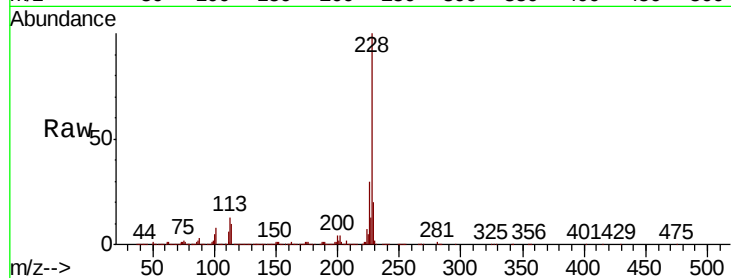
#83  
Chrysene  
Concen: 39.472 ng  
RT: 21.32 min Scan# 3100  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.8  | 24.1  | 36.1  |
| 229     | 19.9  | 16.0  | 24.0  |

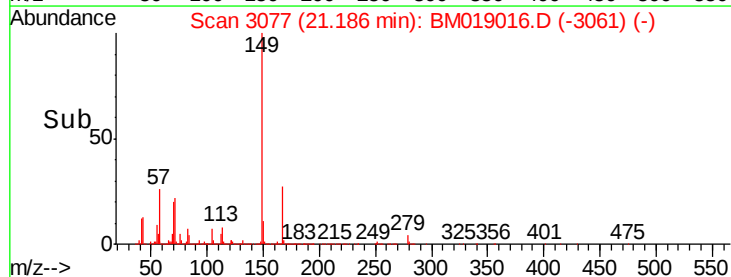
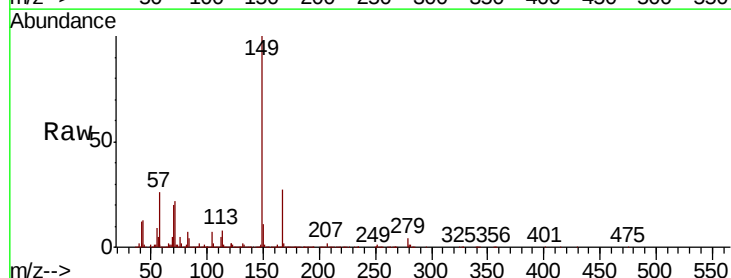
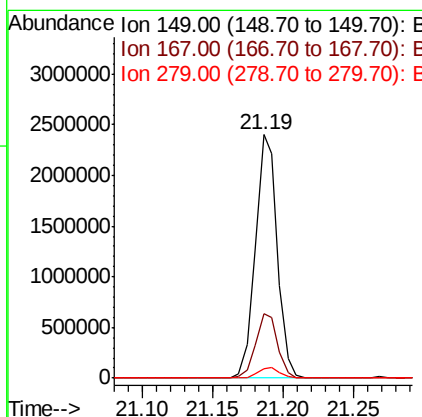
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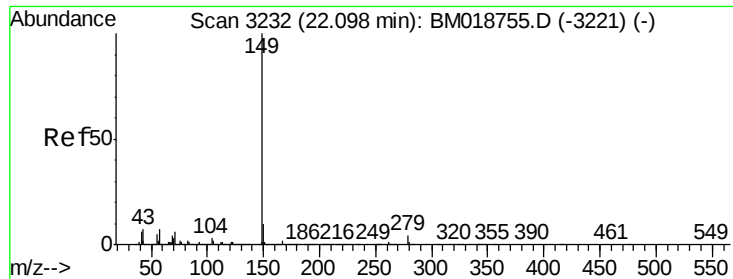
Sohil  
3/5/2019 5:23:48 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.937 ng  
RT: 21.19 min Scan# 3077  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.6  | 21.8  | 32.6  |
| 279     | 4.1   | 3.6   | 5.4   |





#85

Di-n-octyl phthalate

Concen: 46.827 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

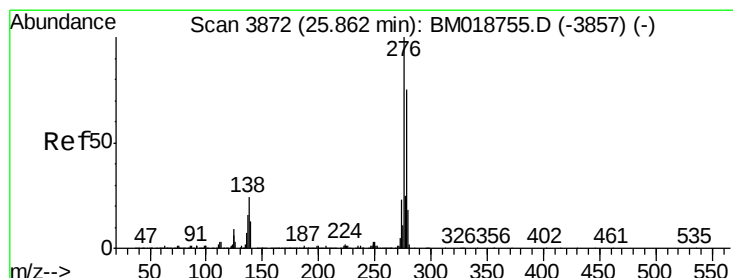
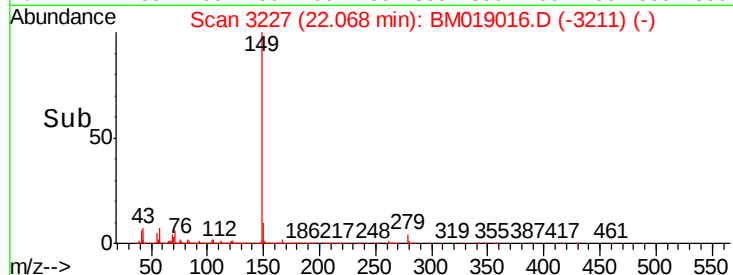
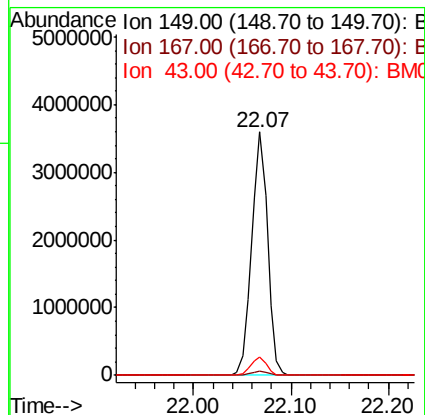
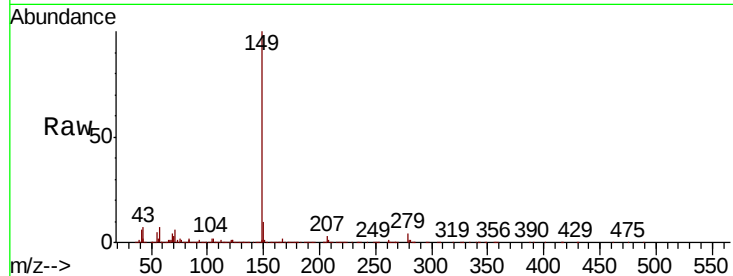
ClientSampleId :

A0C1-TWPMDS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 149   | Resp: | 4116567 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.6   | 1.3   | 1.9     |
| 43        | 7.5   | 6.0   | 9.0     |

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#86

Indeno(1,2,3-cd)pyrene

Concen: 34.718 ng

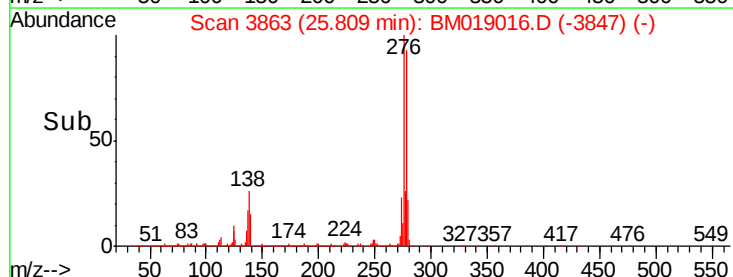
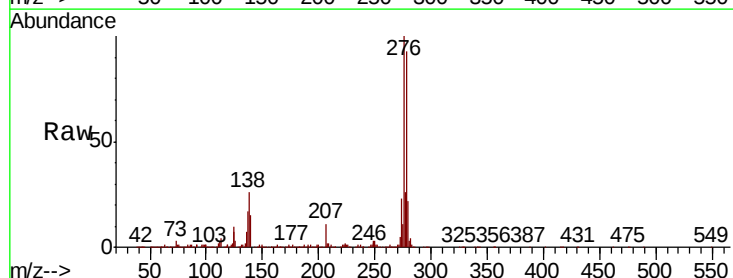
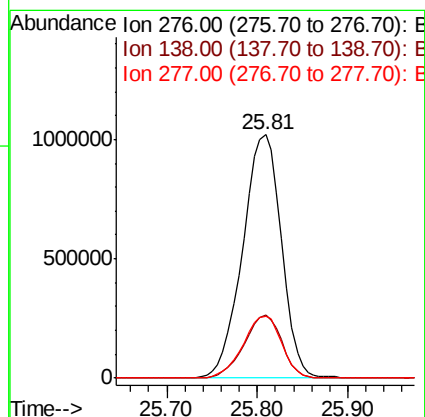
RT: 25.81 min Scan# 3863

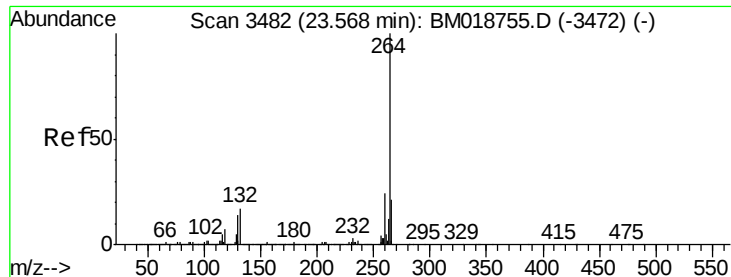
Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 3023759 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 138       | 25.2  | 20.2  | 30.4    |
| 277       | 25.3  | 20.3  | 30.5    |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA\_M

ClientSampleId :

A0C1-TWPMDS

Tot Ion:264 Resp: 1144777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.2  | 18.9  | 28.3  |
| 265 | 21.7  | 17.3  | 25.9  |

264 100

260 23.2 18.9 28.3

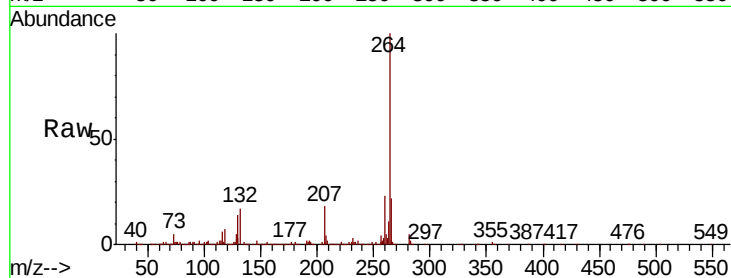
265 21.7 17.3 25.9

Manual Integrations

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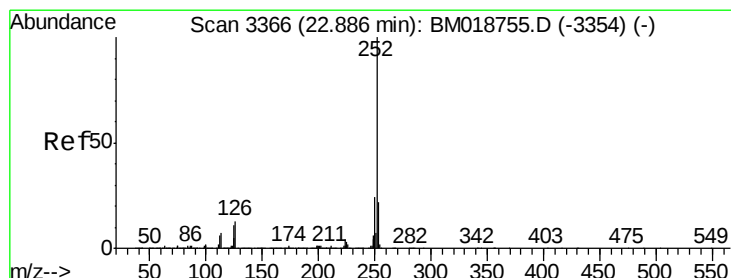
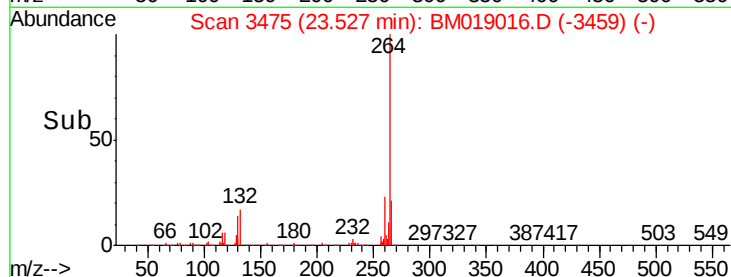
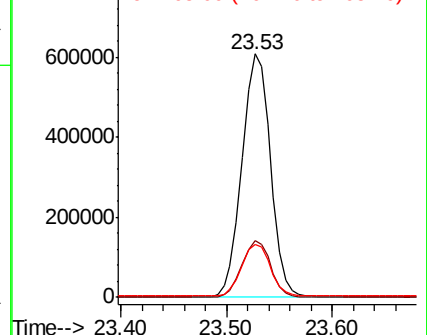


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.363 ng

RT: 22.85 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

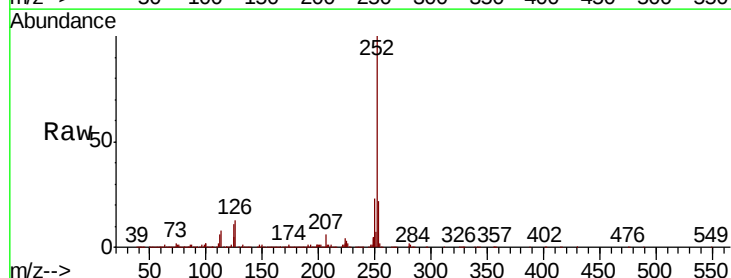
Tgt Ion:252 Resp: 2774657

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 17.8  | 26.6  |
| 125 | 10.5  | 8.6   | 12.8  |

252 100

253 22.1 17.8 26.6

125 10.5 8.6 12.8

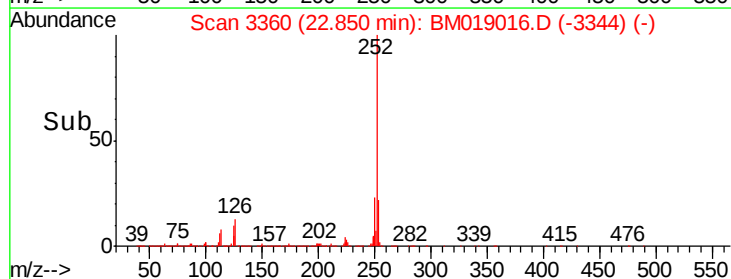
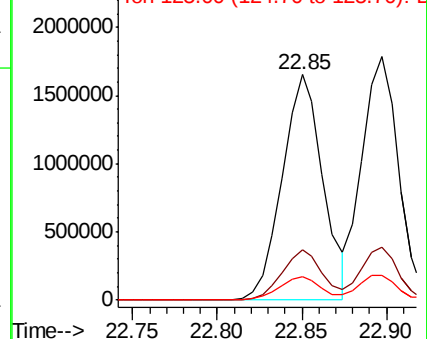


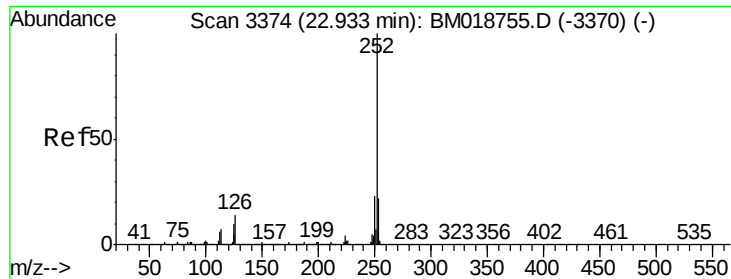
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





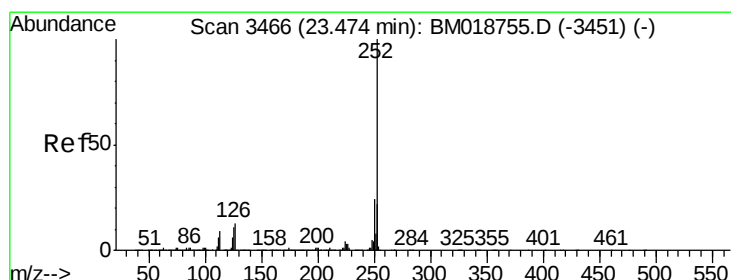
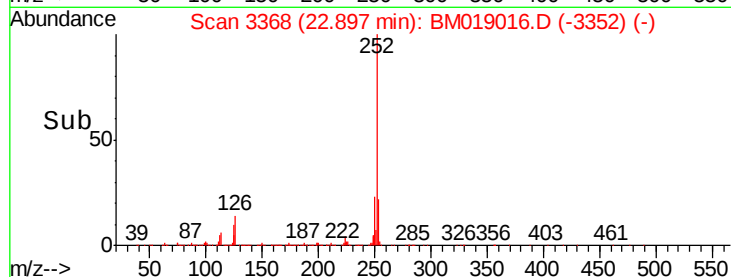
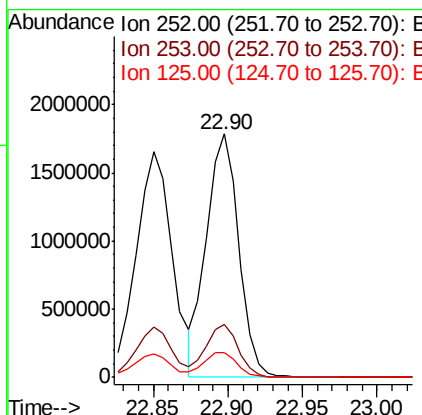
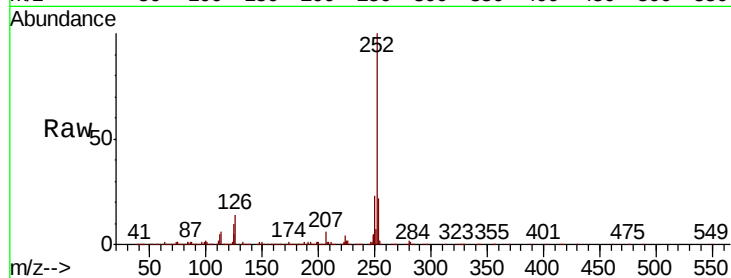
#89  
Benzo(k)fluoranthene  
Concen: 41.086 ng  
RT: 22.90 min Scan# 3368  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMDS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.7  | 26.5  |
| 125     | 10.3  | 8.2   | 12.4  |

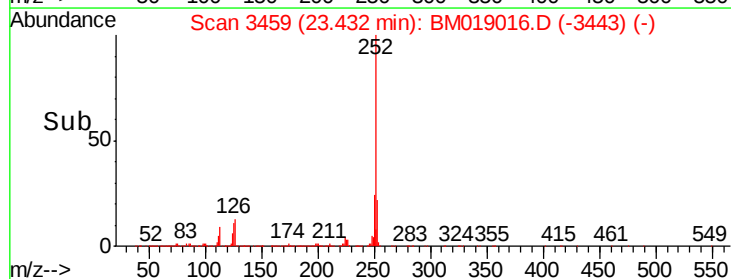
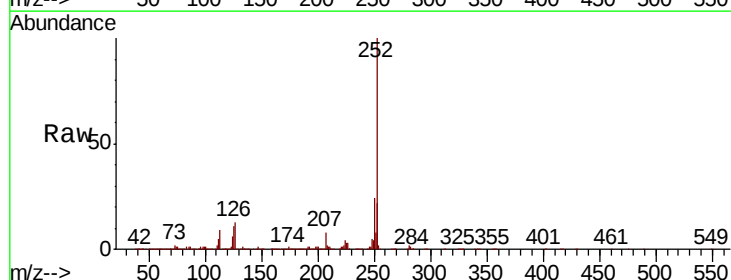
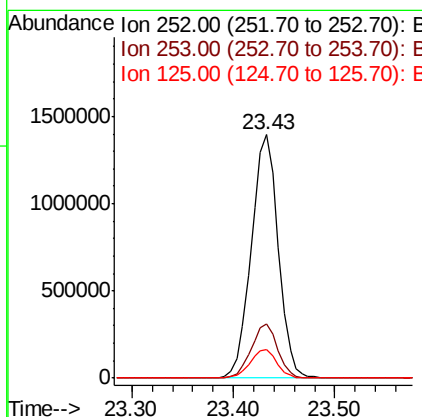
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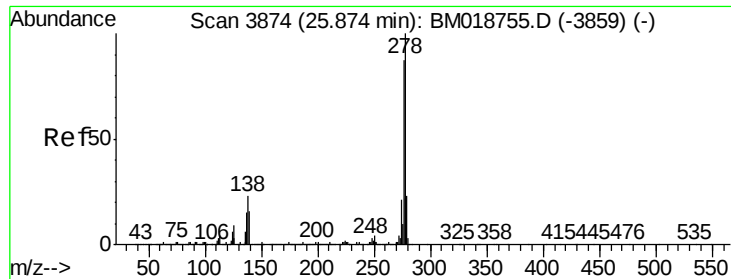
Sohil  
3/5/2019 5:23:48 PM



#90  
Benzo(a)pyrene  
Concen: 41.332 ng  
RT: 23.43 min Scan# 3459  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.4  | 26.0  |
| 125     | 11.5  | 8.6   | 13.0  |





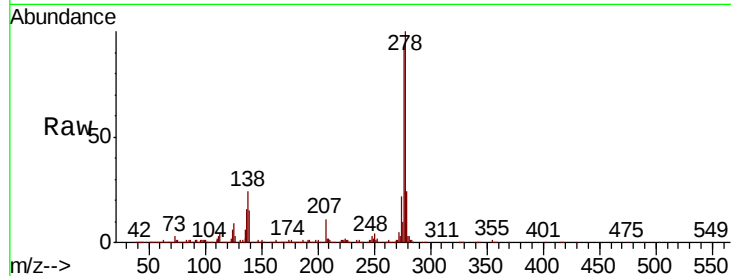
#91  
Dibenzo(a,h)anthracene  
Concen: 41.942 ng  
RT: 25.81 min Scan# 3864  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

Instrument :  
BNA\_M  
ClientSampleId :  
A0C1-TWPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.4  | 12.6  | 18.8  |
| 279     | 24.3  | 18.6  | 28.0  |

Manual Integrations  
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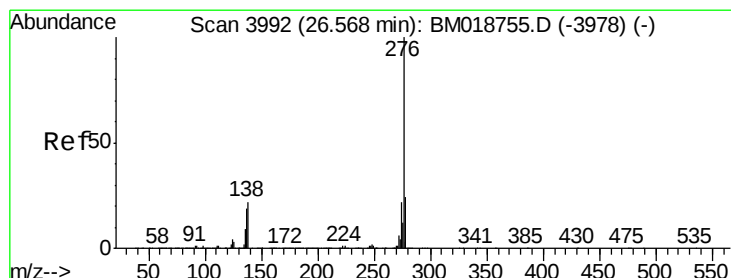
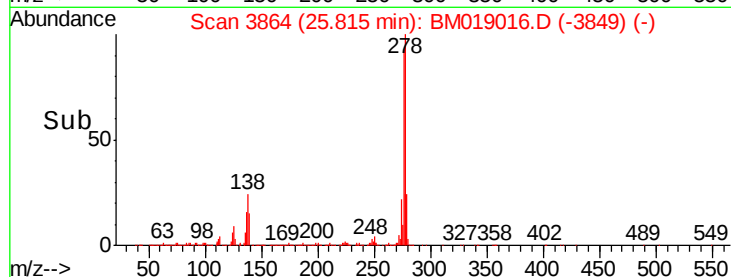
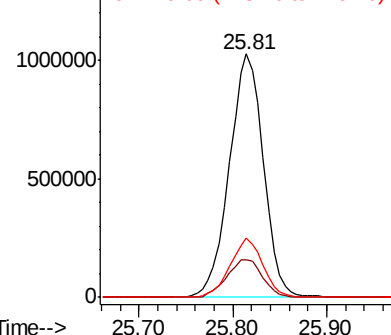


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 42.895 ng  
RT: 26.50 min Scan# 3981  
Delta R.T. -0.01 min  
Lab File: BM019016.D  
Acq: 04 Mar 2019 19:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.3  | 19.2  | 28.8  |
| 138     | 21.4  | 17.3  | 25.9  |

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

