

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\  
 Data File : BM026400.D  
 Acq On : 15 Jun 2020 20:20  
 Operator : JU/CG  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 15 20:53:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 15 12:22:53 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.40  | 152  | 90927    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.16 | 136  | 378537   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.06 | 164  | 232020   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.81 | 188  | 493962   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.02 | 240  | 523710   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.11 | 264  | 543055   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.04  | 112 | 411974  | 80.11 | ng | 0.00 |
| 7) Phenol-d6             | 6.61  | 99  | 589087  | 79.10 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.55  | 82  | 618544  | 80.23 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.56 | 330 | 225809  | 80.34 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.67 | 172 | 1248675 | 81.69 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.47 | 244 | 1996968 | 74.02 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.02  | 88  | 93358  | 40.264 | ng | 98     |
| 3) Pyridine                    | 3.40  | 79  | 262487 | 38.543 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.32  | 42  | 131561 | 39.017 | ng | 93     |
| 6) Aniline                     | 6.75  | 93  | 378991 | 38.799 | ng | 97     |
| 8) 2-Chlorophenol              | 6.97  | 128 | 233664 | 39.391 | ng | 98     |
| 9) Benzaldehyde                | 6.56  | 77  | 162036 | 34.123 | ng | 96     |
| 10) Phenol                     | 6.63  | 94  | 311849 | 39.321 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.85  | 93  | 245634 | 38.453 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.29  | 146 | 262683 | 39.997 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.44  | 146 | 264809 | 39.585 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 7.75  | 146 | 258960 | 39.629 | ng | 97     |
| 15) Benzyl Alcohol             | 7.66  | 79  | 245530 | 38.826 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.95  | 45  | 455435 | 38.175 | ng | 99     |
| 17) 2-Methylphenol             | 7.86  | 107 | 227970 | 39.329 | ng | 98     |
| 18) Hexachloroethane           | 8.46  | 117 | 101269 | 39.972 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.22  | 70  | 225308 | 38.825 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.19  | 107 | 310213 | 39.265 | ng | 99     |
| 22) Acetophenone               | 8.22  | 105 | 388474 | 39.911 | ng | # 97   |
| 24) Nitrobenzene               | 8.59  | 77  | 323158 | 40.042 | ng | 100    |
| 25) Isophorone                 | 9.12  | 82  | 578621 | 39.950 | ng | 99     |
| 26) 2-Nitrophenol              | 9.29  | 139 | 130568 | 40.879 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 9.37  | 122 | 199789 | 39.623 | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 9.60  | 93  | 324017 | 39.431 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 9.83  | 162 | 220877 | 39.925 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.03 | 180 | 243041 | 40.063 | ng | 98     |
| 31) Naphthalene                | 10.21 | 128 | 752356 | 39.441 | ng | 99     |
| 32) Benzoic acid               | 9.53  | 122 | 115824 | 30.656 | ng | 98     |
| 33) 4-Chloroaniline            | 10.33 | 127 | 324451 | 38.997 | ng | 97     |
| 34) Hexachlorobutadiene        | 10.50 | 225 | 158036 | 41.265 | ng | 98     |
| 35) Caprolactam                | 11.12 | 113 | 76710  | 39.467 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 11.48 | 107 | 264257 | 39.200 | ng | 97     |
| 37) 2-Methylnaphthalene        | 11.83 | 142 | 530122 | 38.998 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.06 | 142 | 502572 | 39.029 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.22 | 216 | 272769 | 41.300 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\  
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 Acq On : 15 Jun 2020 20:20  
 Operator : JU/CG  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

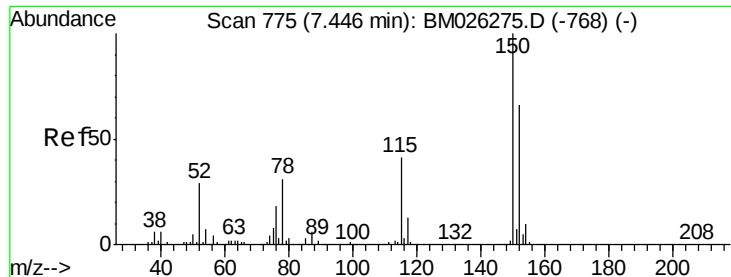
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 15 20:53:57 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 15 12:22:53 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.20 | 237  | 136484   | 35.067 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 12.47 | 196  | 180235   | 40.317 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.55 | 196  | 211861   | 40.828 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 12.88 | 154  | 655738   | 40.312 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 12.92 | 162  | 532812   | 40.326 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.13 | 65   | 210676   | 40.233 | ng    | 98       |
| 49) Acenaphthylene             | 13.77 | 152  | 846060   | 40.036 | ng    | 100      |
| 50) Dimethylphthalate          | 13.53 | 163  | 673188   | 39.668 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.65 | 165  | 148578   | 39.898 | ng    | 97       |
| 52) Acenaphthene               | 14.12 | 154  | 506348   | 39.912 | ng    | 98       |
| 53) 3-Nitroaniline             | 13.98 | 138  | 162870   | 39.276 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.19 | 184  | 80821    | 35.710 | ng    | 97       |
| 55) Dibenzofuran               | 14.46 | 168  | 807899   | 39.523 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.32 | 139  | 120192   | 36.550 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.44 | 165  | 205339   | 39.657 | ng    | 99       |
| 58) Fluorene                   | 15.12 | 166  | 659899   | 39.745 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.70 | 232  | 175266   | 39.489 | ng    | 100      |
| 60) Diethylphthalate           | 14.92 | 149  | 682594   | 39.489 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.12 | 204  | 350643   | 39.815 | ng    | 100      |
| 62) 4-Nitroaniline             | 15.15 | 138  | 170301   | 38.509 | ng    | 99       |
| 63) Azobenzene                 | 15.42 | 77   | 746409   | 39.467 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.22 | 198  | 117446   | 39.100 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.34 | 169  | 571082   | 39.909 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.02 | 248  | 216675   | 39.847 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.13 | 284  | 228225   | 40.222 | ng    | 95       |
| 69) Atrazine                   | 16.31 | 200  | 175008   | 40.937 | ng    | 98       |
| 70) Pentachlorophenol          | 16.47 | 266  | 125451   | 36.714 | ng    | 96       |
| 71) Phenanthrene               | 16.85 | 178  | 1015908  | 39.494 | ng    | 100      |
| 72) Anthracene                 | 16.94 | 178  | 1018822  | 39.685 | ng    | 99       |
| 73) Carbazole                  | 17.22 | 167  | 970407   | 39.860 | ng    | 100      |
| 74) Di-n-butylphthalate        | 17.80 | 149  | 1167108  | 40.650 | ng    | 99       |
| 75) Fluoranthene               | 18.88 | 202  | 1202726  | 40.782 | ng    | 99       |
| 77) Benzidine                  | 19.08 | 184  | 419760   | 38.587 | ng    | 99       |
| 78) Pyrene                     | 19.24 | 202  | 1242751  | 35.914 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.18 | 149  | 540754   | 38.644 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.00 | 228  | 1242993  | 39.541 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 20.95 | 252  | 436133   | 44.843 | ng    | 99       |
| 83) Chrysene                   | 21.06 | 228  | 1203047  | 40.160 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 20.97 | 149  | 804795   | 40.336 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 21.81 | 149  | 1373308  | 44.618 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 25.16 | 276  | 1420437  | 45.217 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.50 | 252  | 1273677  | 38.989 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.54 | 252  | 1178743  | 37.140 | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.02 | 252  | 1154544  | 39.792 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.16 | 278  | 1184656  | 45.172 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 25.77 | 276  | 1141805  | 45.752 | ng    | 99       |

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



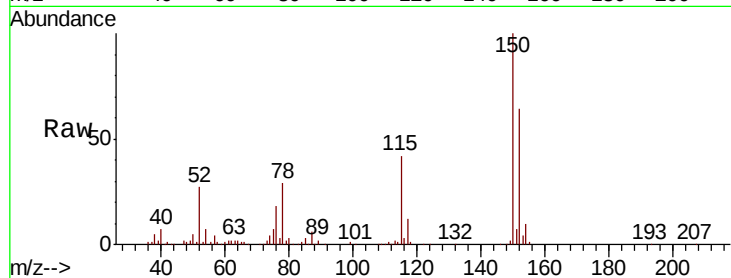


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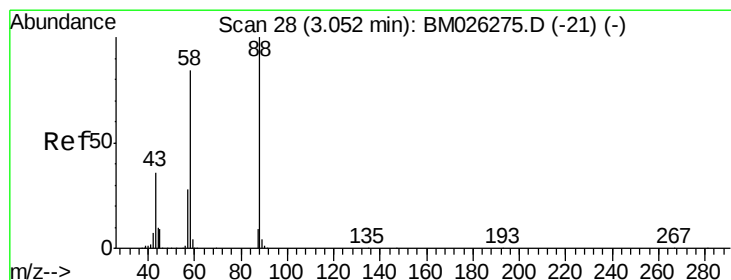
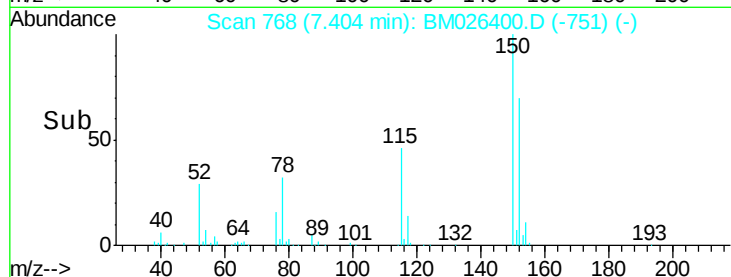
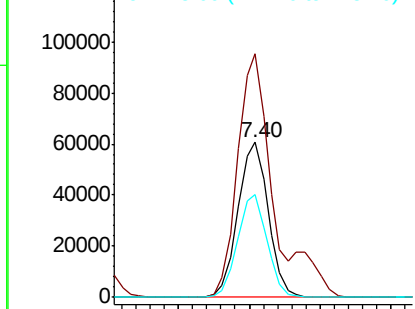
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.40 min Scan# 768  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.8 | 127.8 | 191.6 |
| 115     | 66.0  | 51.5  | 77.3  |



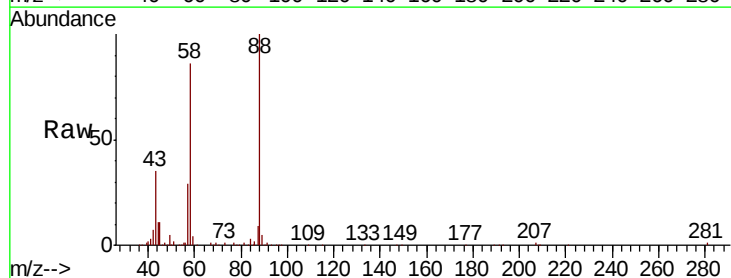
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



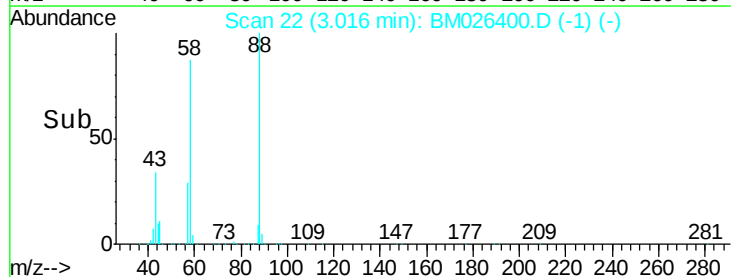
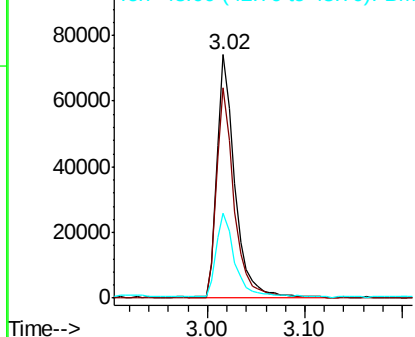
#2

1,4-Dioxane  
Concen: 40.264 ng  
RT: 3.02 min Scan# 22  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 86.8  | 67.7  | 101.5 |
| 43      | 34.8  | 28.0  | 42.0  |



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



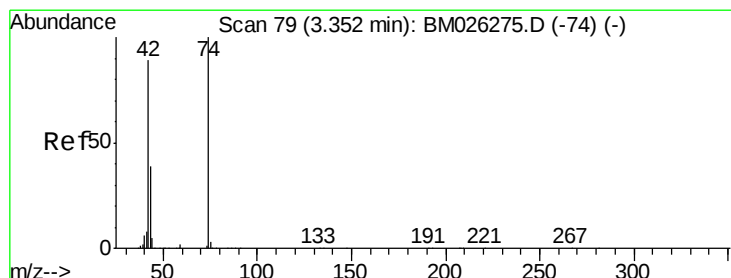
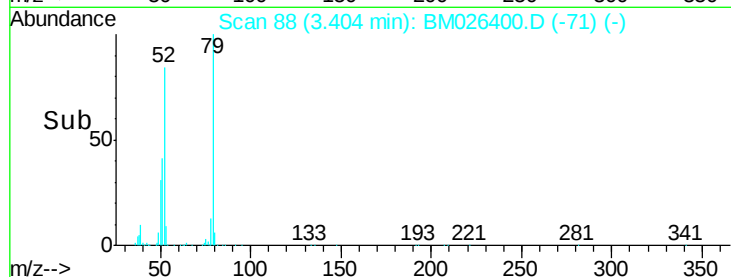
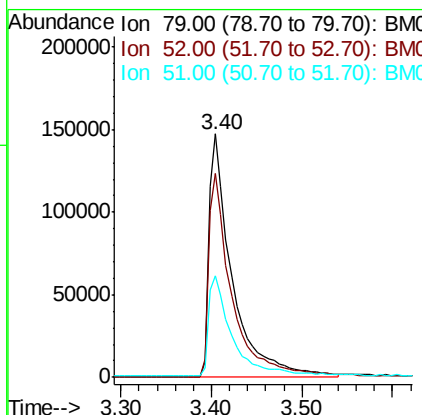
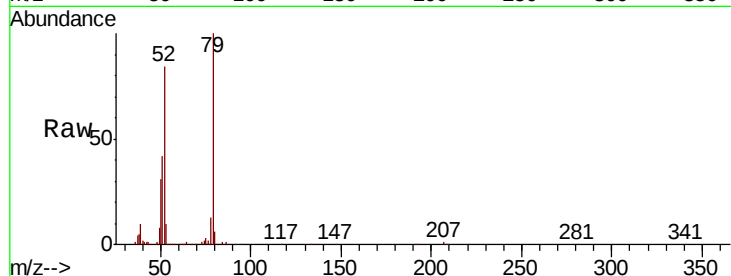


#3  
 Pvridine  
 Concen: 38.543 ng  
 RT: 3.40 min Scan# 88  
 Delta R.T. 0.00 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion: 79 Resp: 262487  

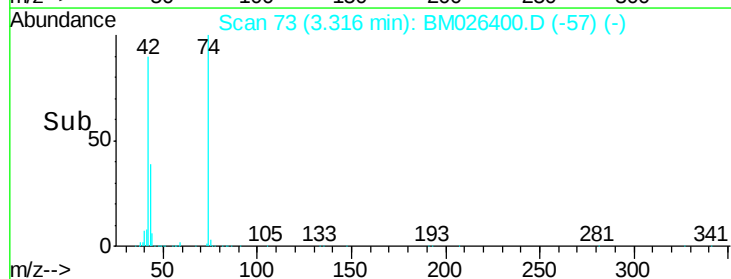
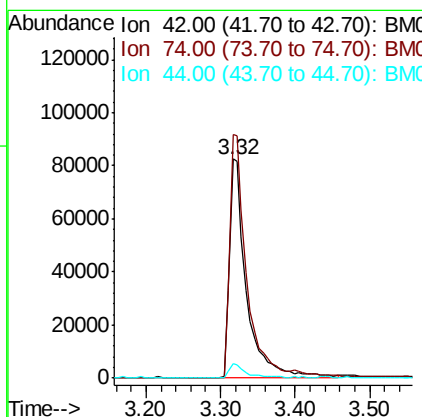
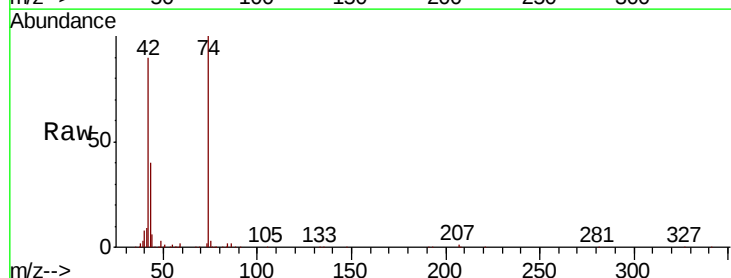
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 83.8  | 67.4  | 101.2 |
| 51  | 41.8  | 33.0  | 49.6  |



#4  
 n-Nitrosodimethylamine  
 Concen: 39.017 ng  
 RT: 3.32 min Scan# 73  
 Delta R.T. -0.01 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

Tgt Ion: 42 Resp: 131561  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 111.1 | 95.4  | 143.2 |
| 44  | 6.8   | 5.9   | 8.9   |





#5

2-Fluorophenol

Concen: 80.107 ng

RT: 5.04 min Scan# 366

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampleId :

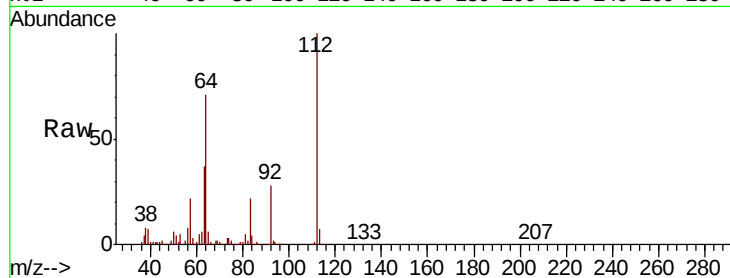
Tot Ion:112 Resp: 411974

Ion Ratio Lower Upper

112 100

64 71.1 56.0 84.0

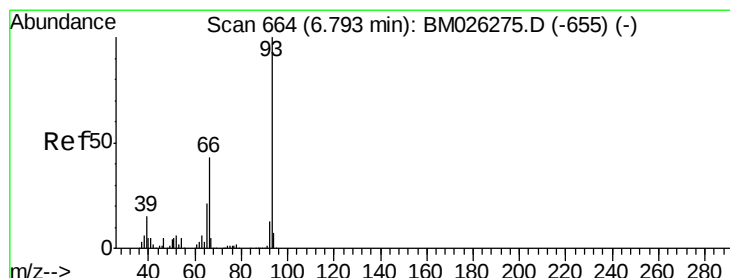
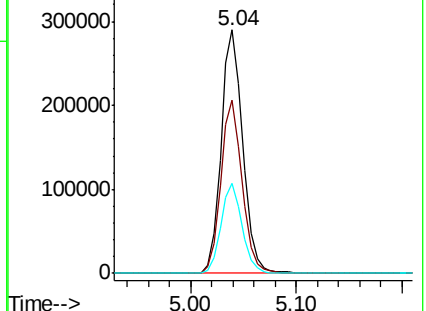
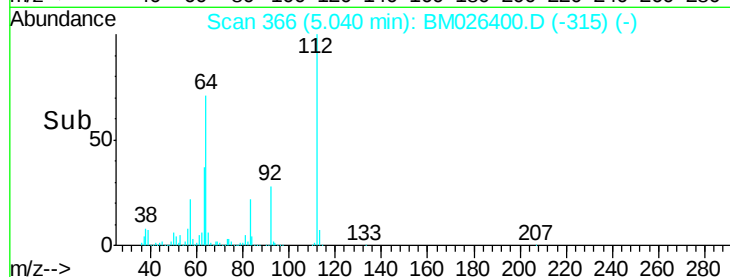
63 36.7 29.0 43.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.799 ng

RT: 6.75 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

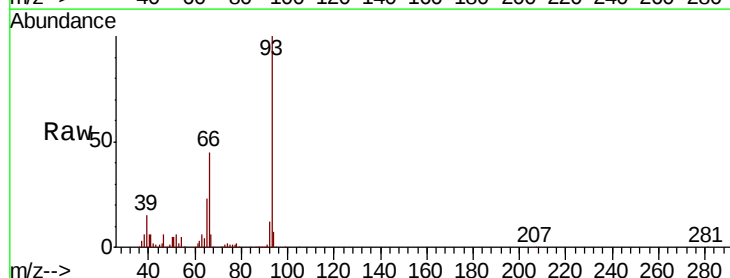
Tgt Ion: 93 Resp: 378991

Ion Ratio Lower Upper

93 100

66 44.7 34.1 51.1

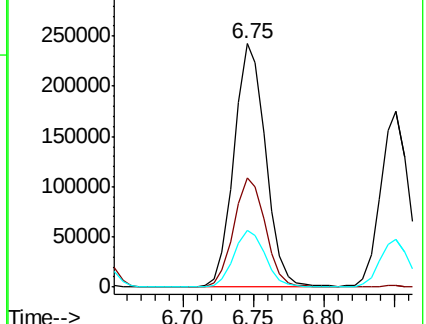
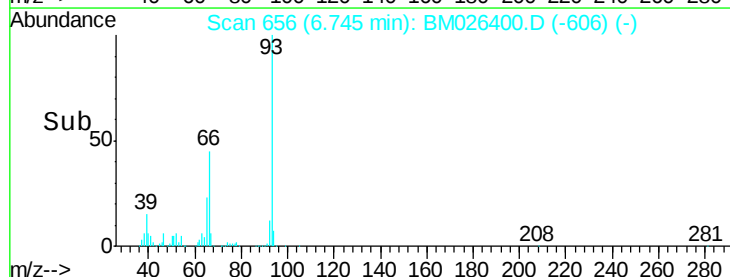
65 23.3 17.5 26.3

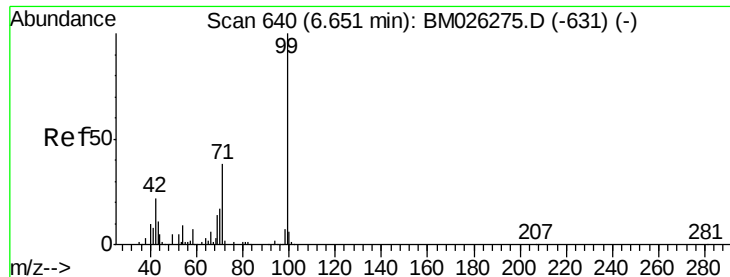


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 79.103 ng

RT: 6.61 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

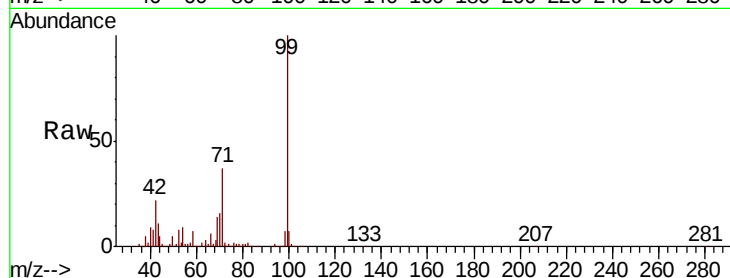
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 99 Resp: 589087

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.4  | 17.8  | 26.6  |
| 71  | 37.5  | 31.0  | 46.4  |

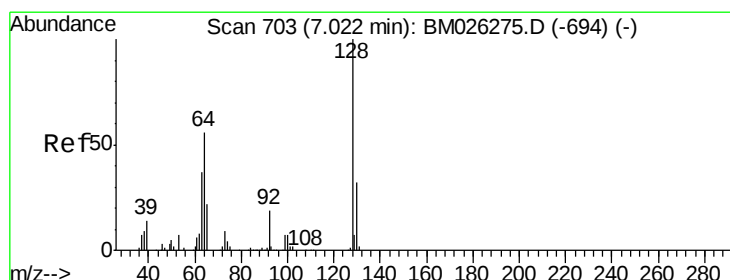
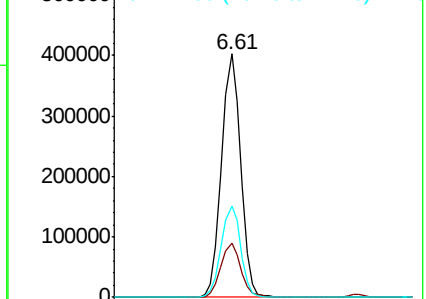
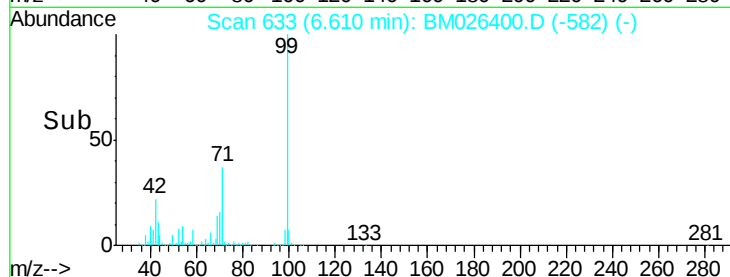


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 39.391 ng

RT: 6.97 min Scan# 695

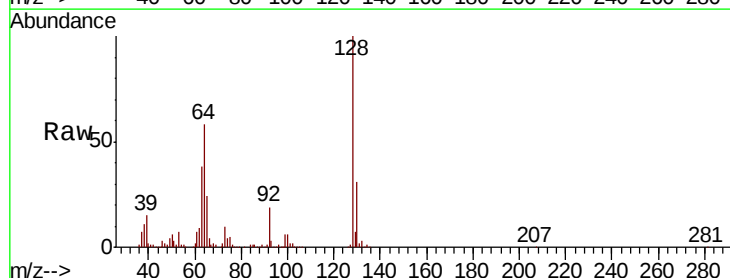
Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Tgt Ion: 128 Resp: 233664

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.4  | 12.3  | 52.3  |
| 64  | 57.6  | 36.4  | 76.4  |

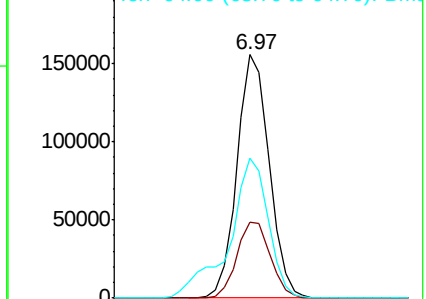
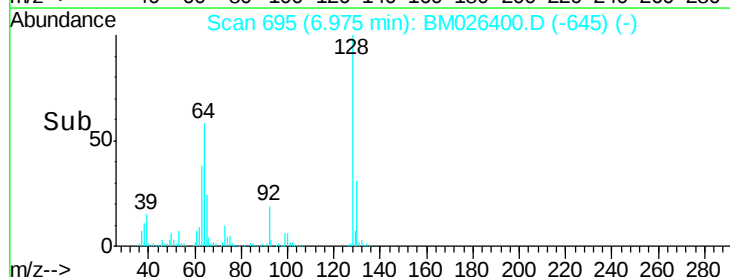


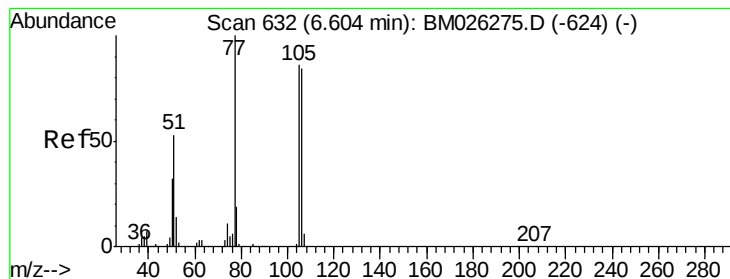
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM0





#9

Benzaldehyde

Concen: 34.123 ng

RT: 6.56 min Scan# 625

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampled :

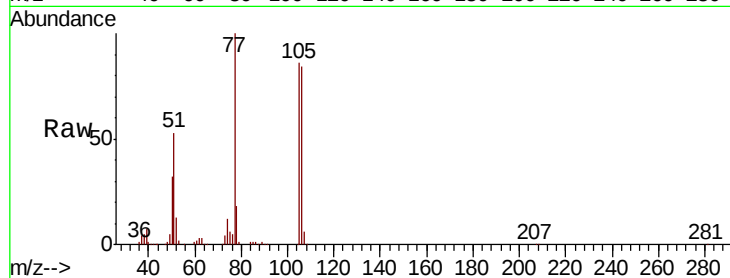
Tot Ion: 77 Resp: 162036

Ion Ratio Lower Upper

77 100

105 85.8 71.5 111.5

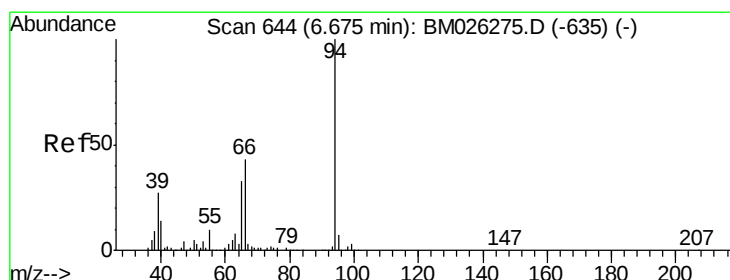
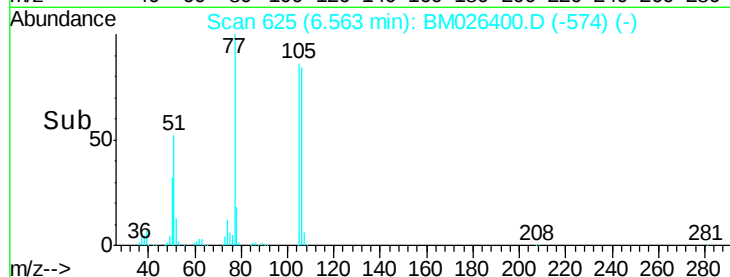
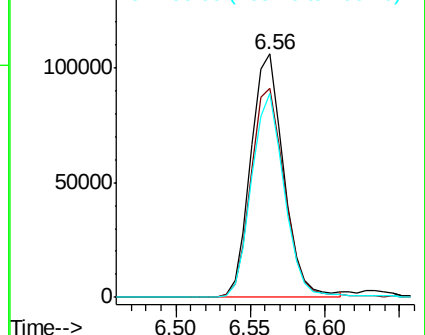
106 83.5 64.7 104.7



Abundance Ion 77.00 (76.70 to 77.70): BM026400.D (-574) (-)

Ion 105.00 (104.70 to 105.70): BM026400.D (-574) (-)

Ion 106.00 (105.70 to 106.70): BM026400.D (-574) (-)



#10

Phenol

Concen: 39.321 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

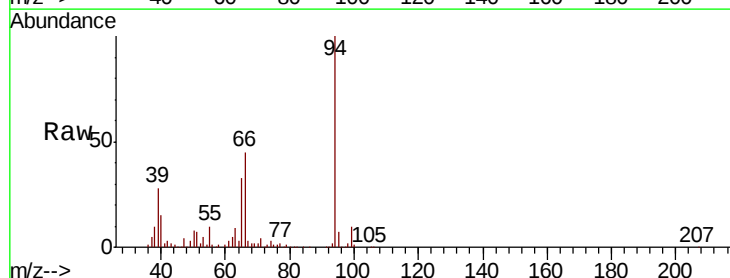
Tgt Ion: 94 Resp: 311849

Ion Ratio Lower Upper

94 100

65 32.6 11.4 51.4

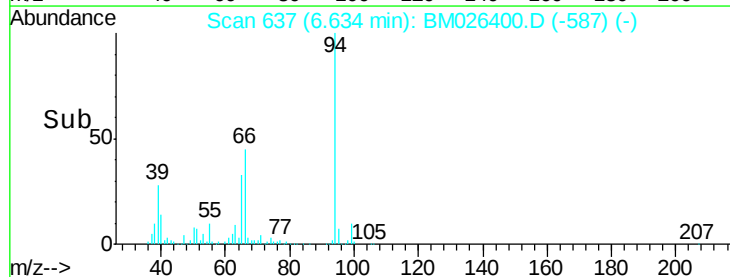
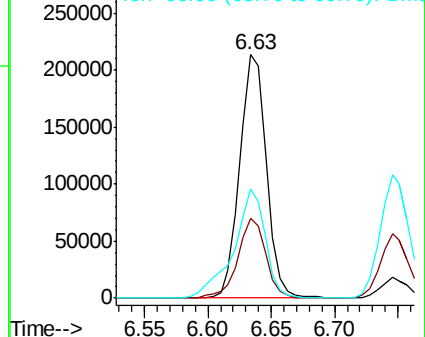
66 44.7 21.7 61.7

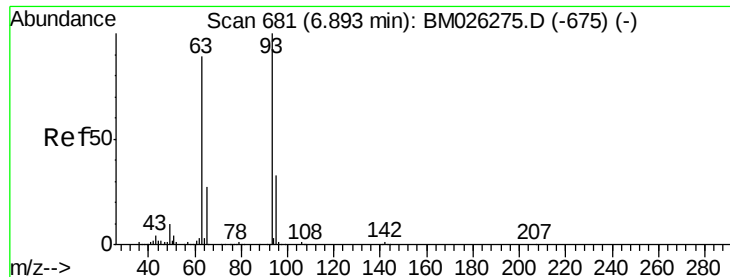


Abundance Ion 94.00 (93.70 to 94.70): BM026400.D (-587) (-)

Ion 65.00 (64.70 to 65.70): BM026400.D (-587) (-)

Ion 66.00 (65.70 to 66.70): BM026400.D (-587) (-)

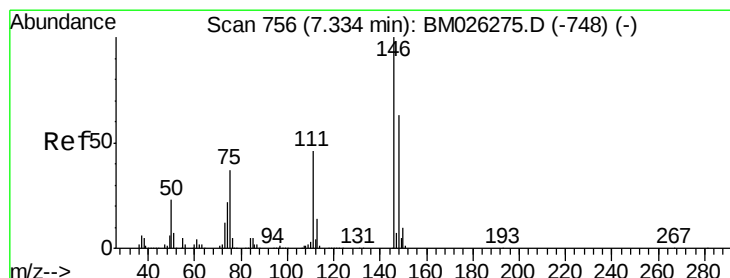
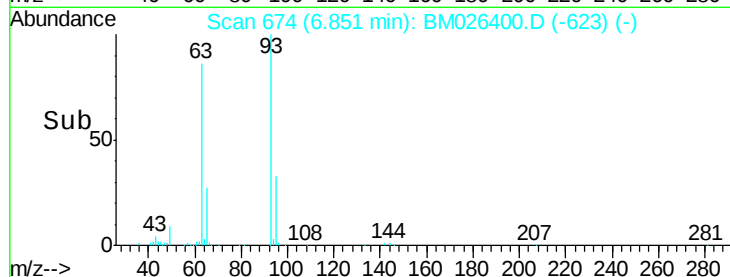
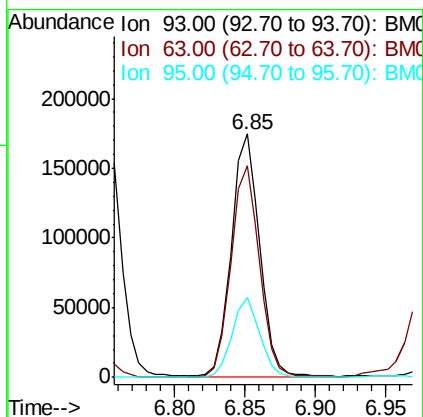
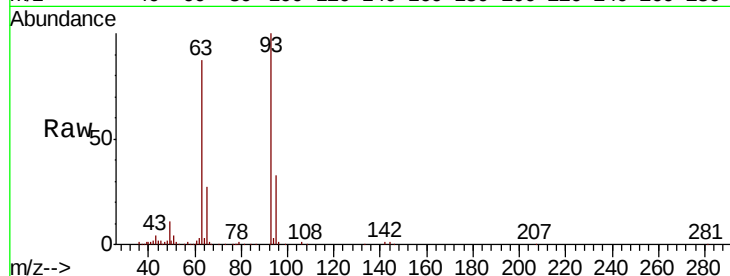




#11  
bis(2-Chloroethyl)ether  
Concen: 38.453 ng  
RT: 6.85 min Scan# 674  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

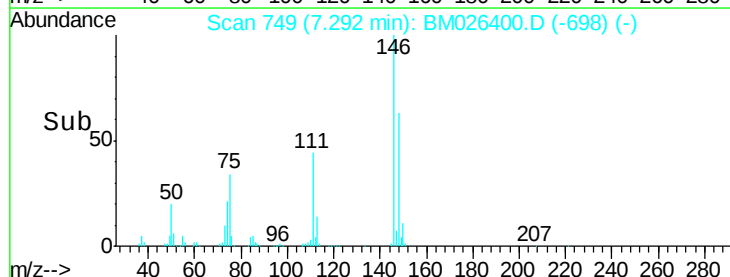
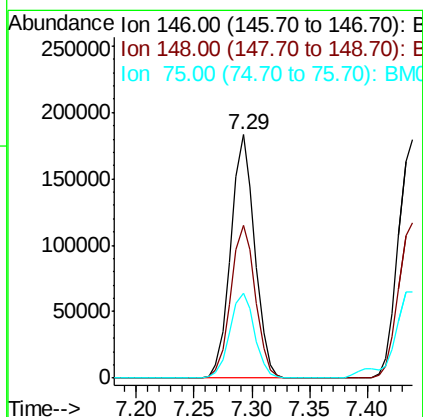
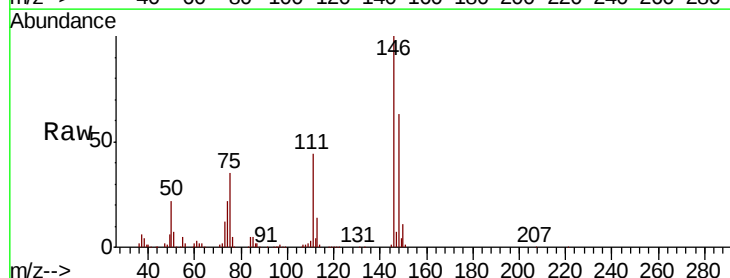
Instrument :  
BNA\_M  
ClientSampleId :

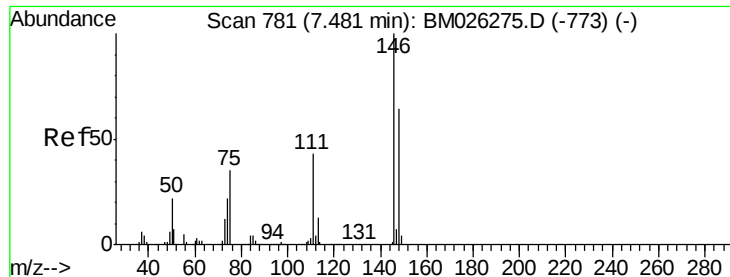
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 87.2  | 66.7  | 106.7 |
| 95      | 32.7  | 14.5  | 54.5  |



#12  
1,3-Dichlorobenzene  
Concen: 39.997 ng  
RT: 7.29 min Scan# 749  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 50.3  | 75.5  |
| 75      | 35.0  | 29.0  | 43.6  |

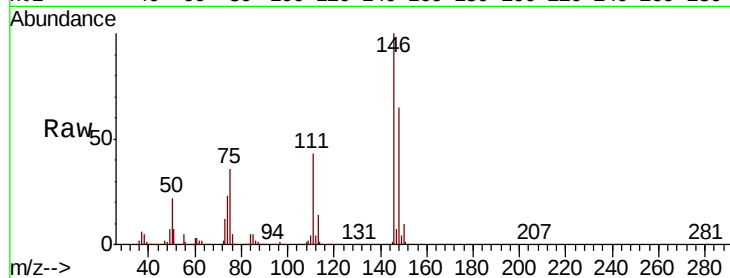




#13  
 1,4-Dichlorobenzene  
 Concen: 39.585 ng  
 RT: 7.44 min Scan# 774  
 Delta R.T. 0.00 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 52.2  | 78.2  |
| 111     | 43.0  | 34.9  | 52.3  |

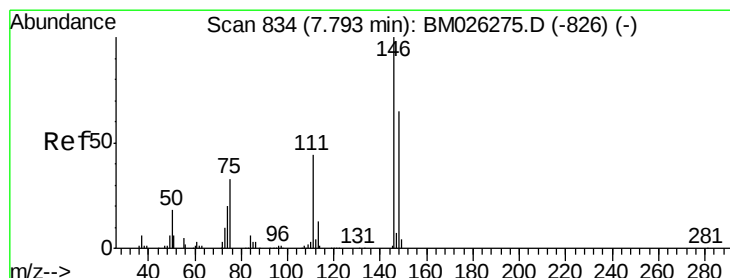
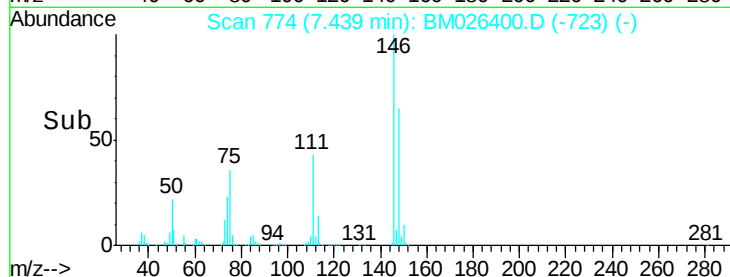
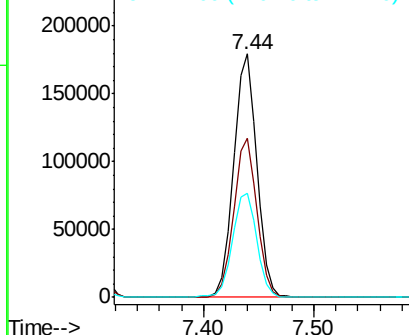


Abundance

Ion 146.00 (145.70 to 146.70): E

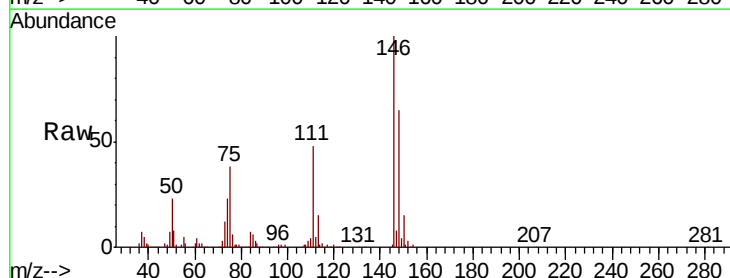
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 39.629 ng  
 RT: 7.75 min Scan# 826  
 Delta R.T. -0.01 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 50.8  | 76.2  |
| 111     | 47.6  | 35.4  | 53.0  |

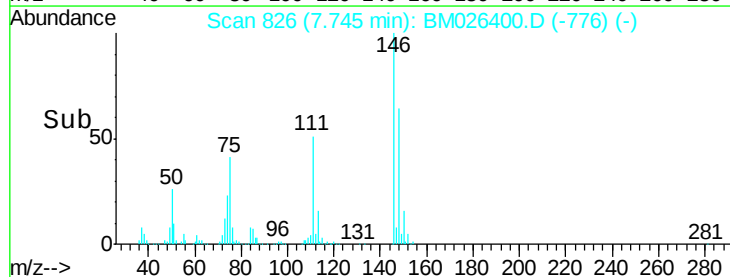
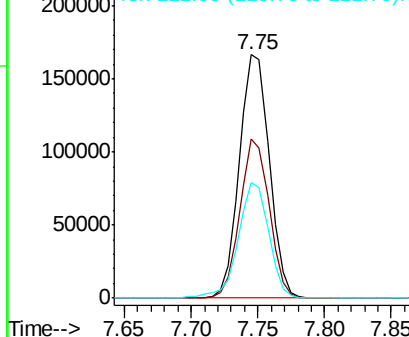


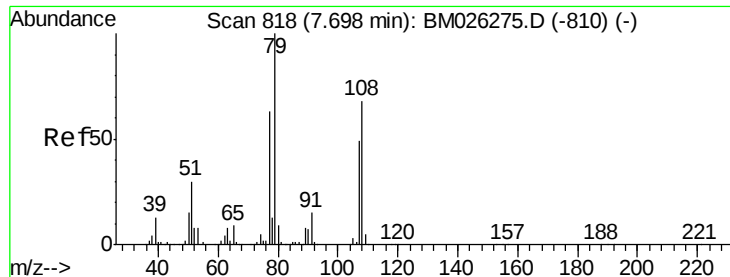
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.826 ng

RT: 7.66 min Scan# 811

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampled :

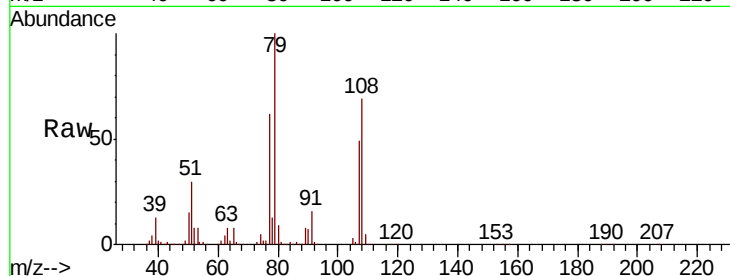
Tot Ion: 79 Resp: 24530

Ion Ratio Lower Upper

79 100

108 69.4 54.6 82.0

77 62.3 51.0 76.4

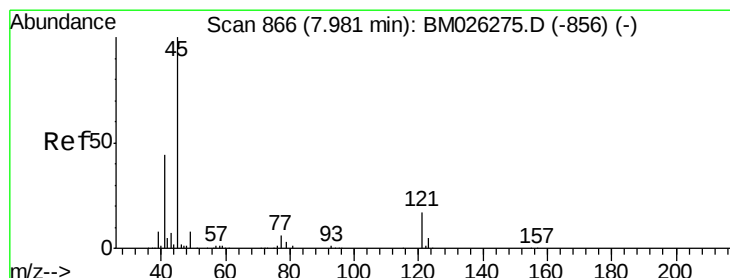
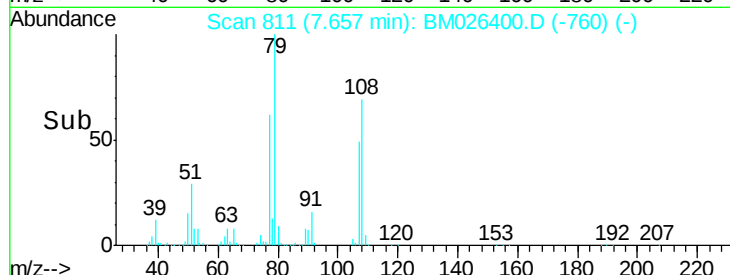
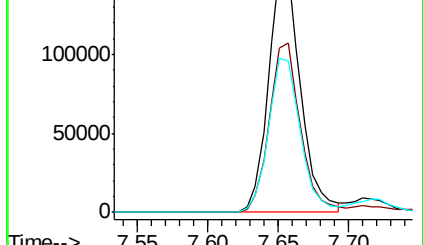


Abundance Ion 79.00 (78.70 to 79.70): BM026400.D (-760) (-)

Ion 108.00 (107.70 to 108.70): BM026400.D (-760) (-)

Ion 77.00 (76.70 to 77.70): BM026400.D (-760) (-)

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.175 ng

RT: 7.95 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

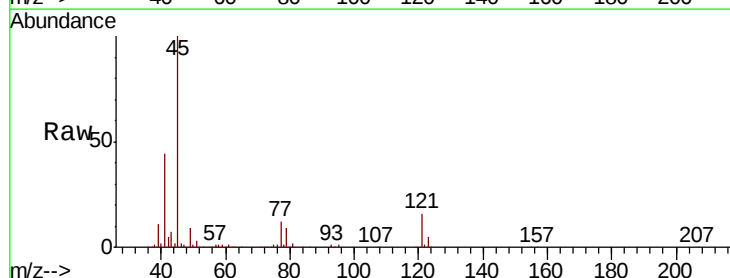
Tgt Ion: 45 Resp: 455435

Ion Ratio Lower Upper

45 100

77 12.1 0.0 31.8

79 9.0 0.0 28.9

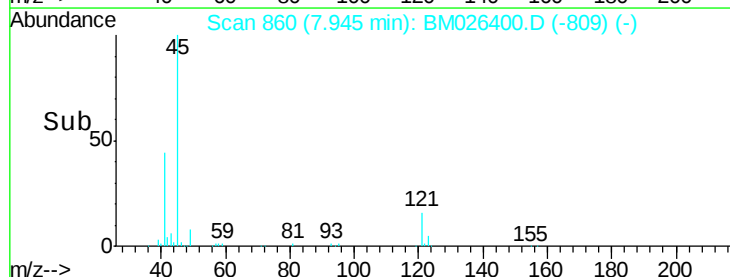
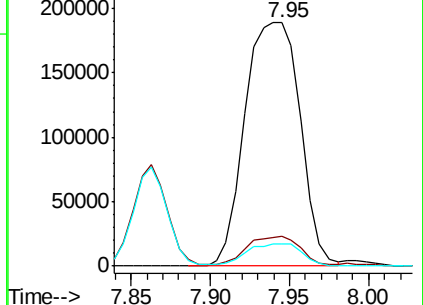


Abundance Ion 45.00 (44.70 to 45.70): BM026400.D (-809) (-)

Ion 77.00 (76.70 to 77.70): BM026400.D (-809) (-)

Ion 79.00 (78.70 to 79.70): BM026400.D (-809) (-)

Time-->





#17

2-Methylphenol

Concen: 39.329 ng

RT: 7.86 min Scan# 846

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:107 Resp: 227970

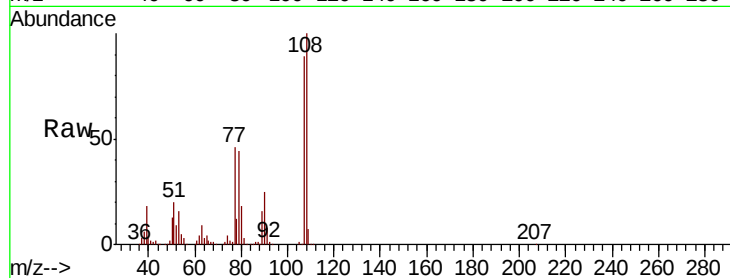
Ion Ratio Lower Upper

107 100

108 113.0 88.5 132.7

77 51.9 40.6 60.8

79 50.3 39.6 59.4

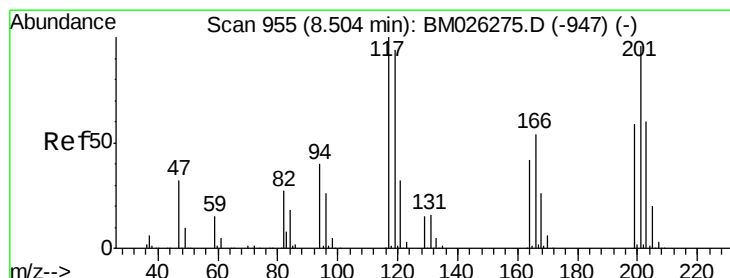
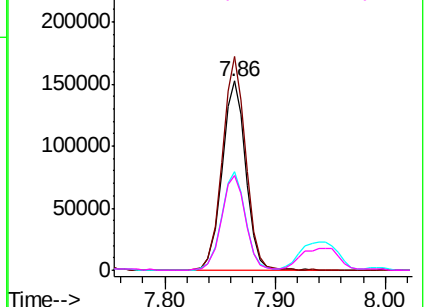
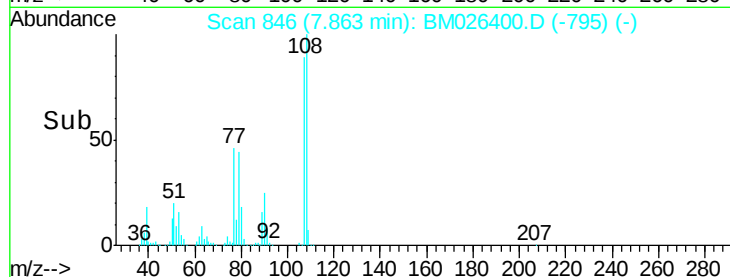


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.972 ng

RT: 8.46 min Scan# 947

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

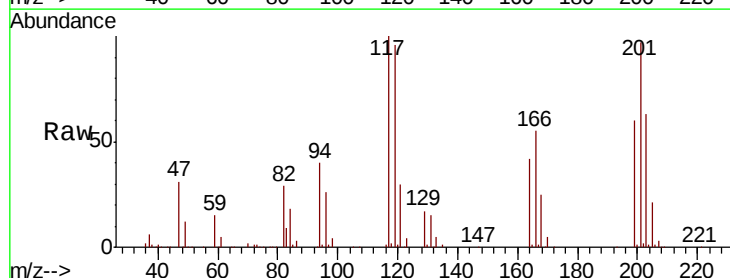
Tgt Ion:117 Resp: 101269

Ion Ratio Lower Upper

117 100

119 95.5 77.8 116.6

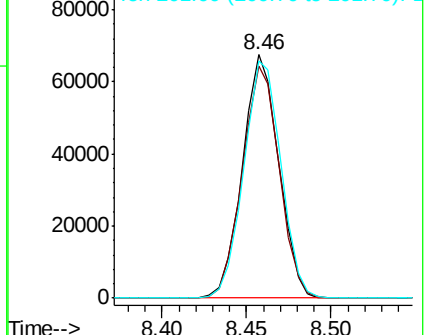
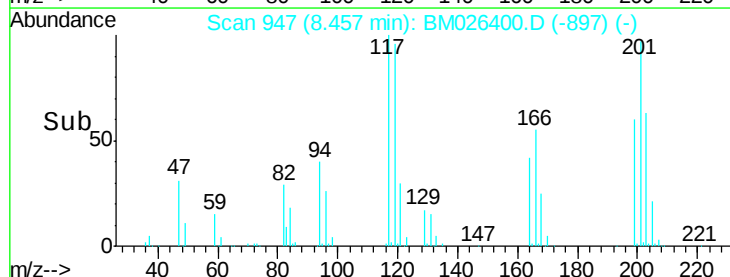
201 97.4 79.9 119.9



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

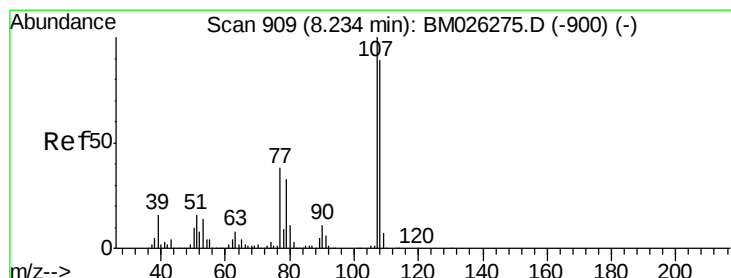
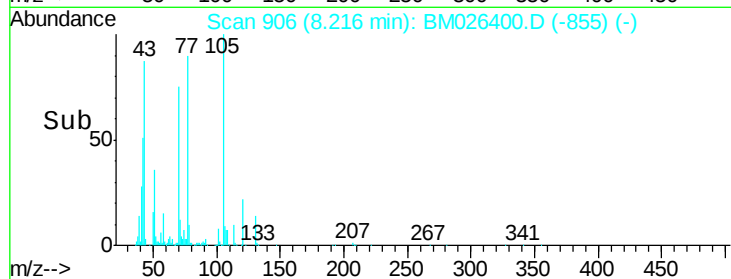
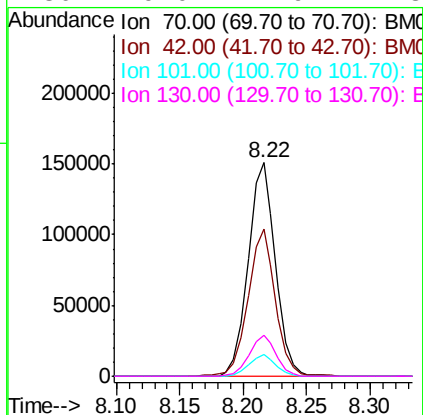
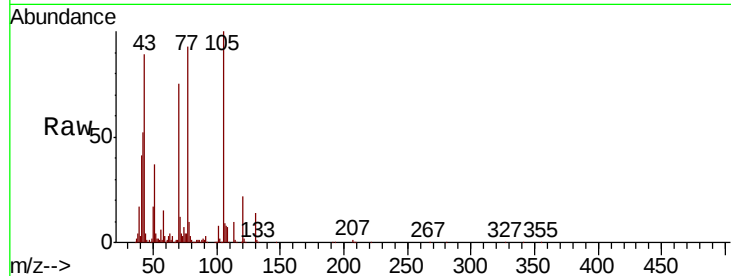




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.825 ng  
RT: 8.22 min Scan# 906  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

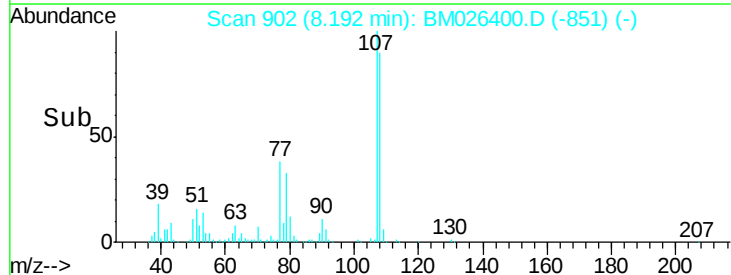
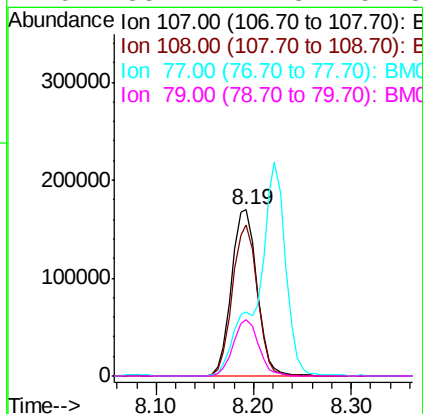
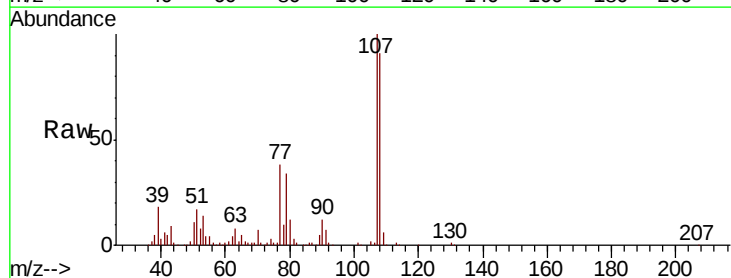
Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 225308 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 69.1  | 52.2  | 78.4   |
| 101      | 10.1  | 7.0   | 10.6   |
| 130      | 19.0  | 14.9  | 22.3   |



#20  
3+4-Methylphenols  
Concen: 39.265 ng  
RT: 8.19 min Scan# 902  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 310213 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.8  | 70.4  | 110.4  |
| 77       | 38.3  | 17.3  | 57.3   |
| 79       | 33.7  | 12.3  | 52.3   |

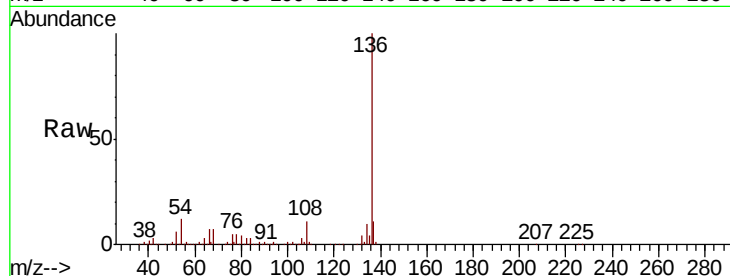




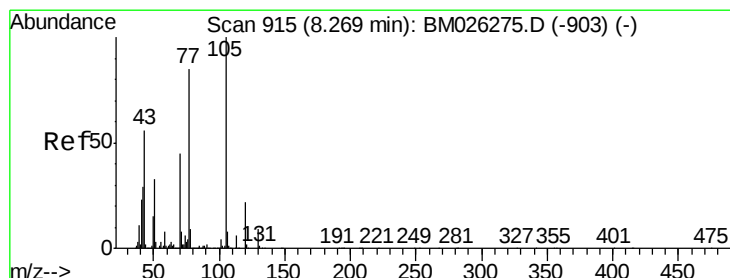
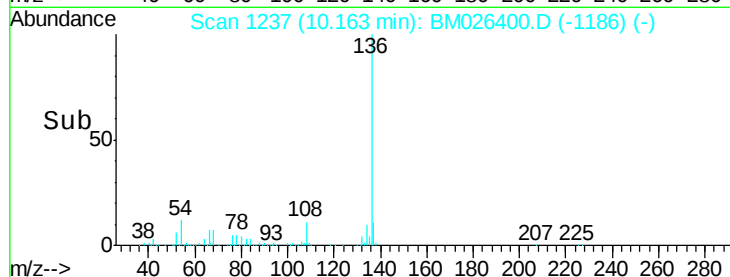
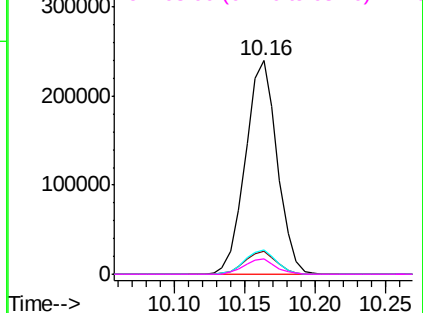
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.16 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Instrument :  
BNA\_M  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 378537   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.9  | 8.5 12.7 |
| 54          | 11.6  | 9.0 13.6 |
| 68          | 7.2   | 5.6 8.4  |

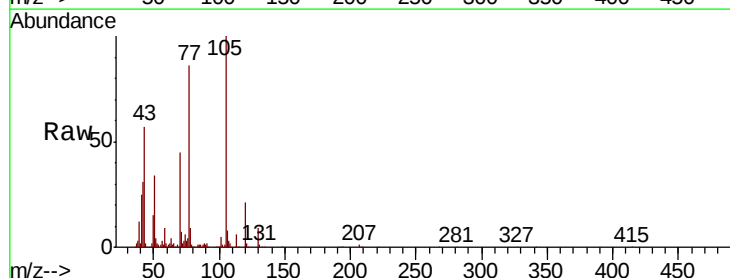


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM0  
Ion 68.00 (67.70 to 68.70): BM0

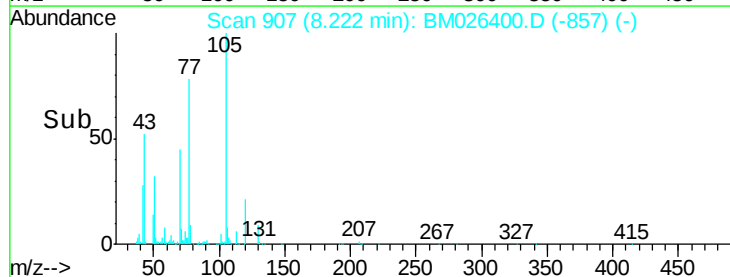
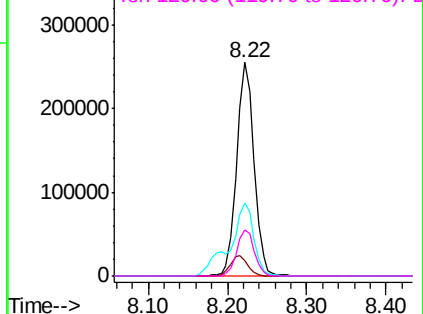


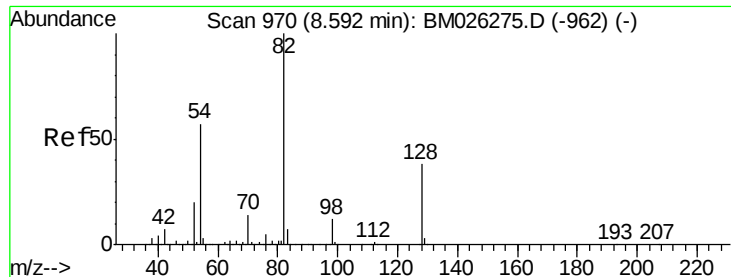
#22  
Acetophenone  
Concen: 39.911 ng  
RT: 8.22 min Scan# 907  
Delta R.T. -0.01 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 388474    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 7.3   | 4.5 6.7#  |
| 51          | 34.2  | 25.2 37.8 |
| 120         | 21.4  | 17.0 25.6 |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0  
Ion 120.00 (119.70 to 120.70): E

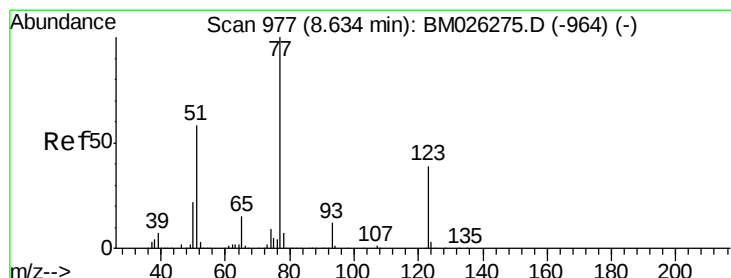
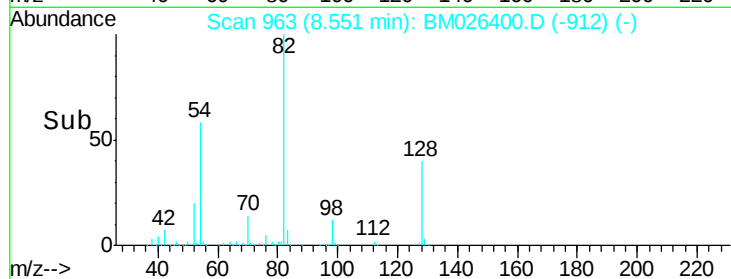
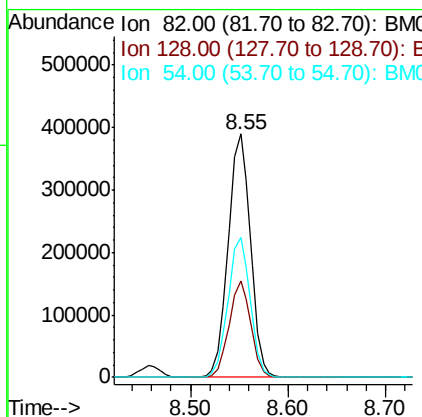
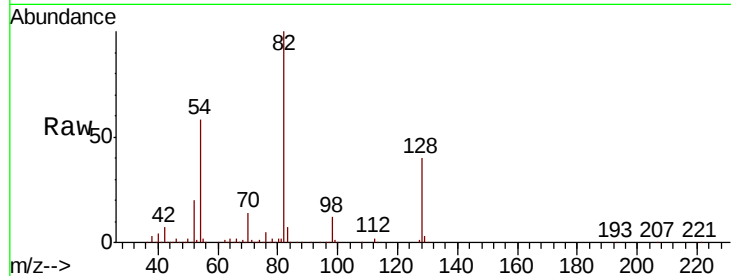




#23  
Nitrobenzene-d5  
Concen: 80.231 ng  
RT: 8.55 min Scan# 963  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

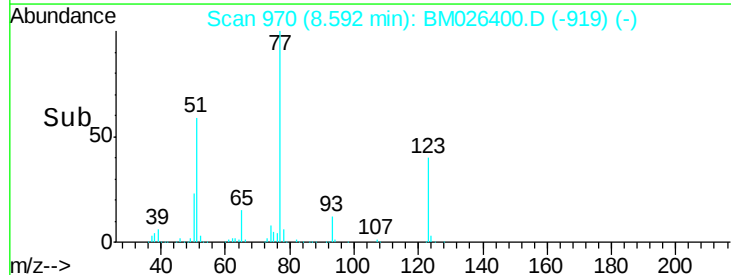
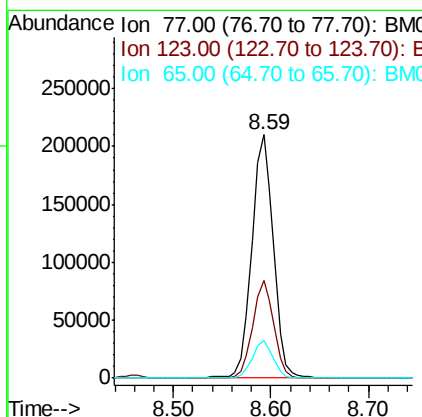
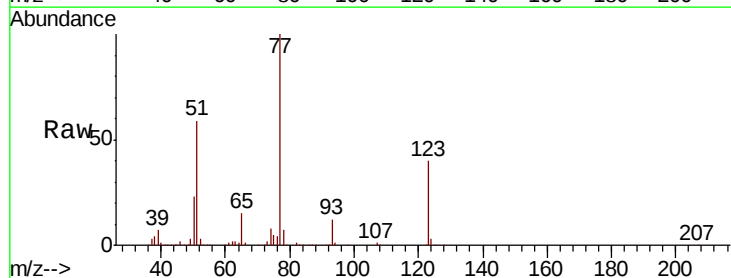
Instrument :  
BNA\_M  
ClientSampleId :

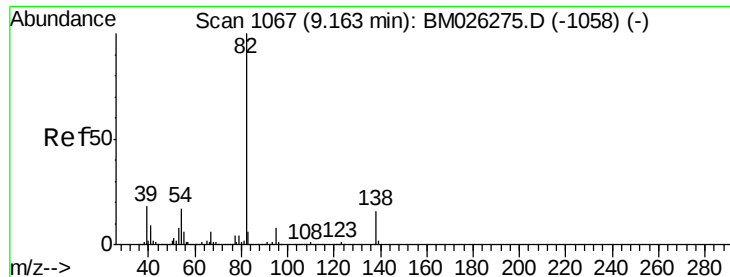
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.6  | 31.0  | 46.6  |
| 54      | 57.6  | 45.4  | 68.2  |



#24  
Nitrobenzene  
Concen: 40.042 ng  
RT: 8.59 min Scan# 970  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.9  | 32.0  | 48.0  |
| 65      | 15.3  | 11.8  | 17.8  |





#25

Isophorone

Concen: 39.950 ng

RT: 9.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampleId :

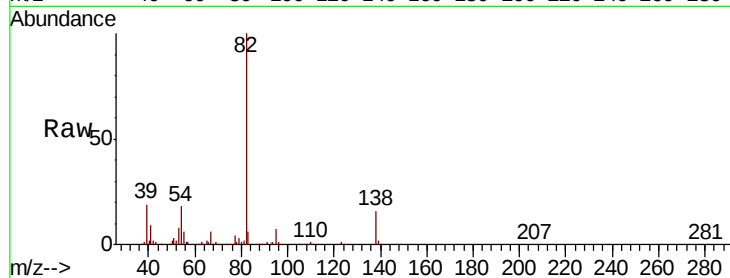
Tot Ion: 82 Resp: 578621

Ion Ratio Lower Upper

82 100

95 7.2 6.0 9.0

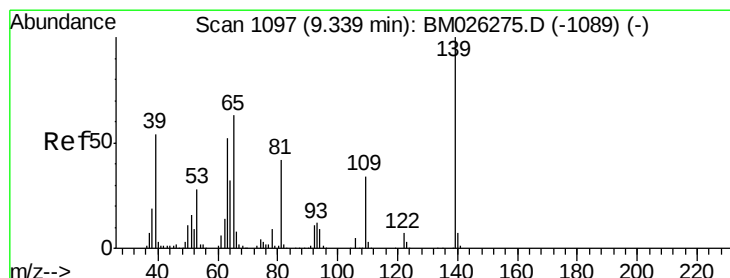
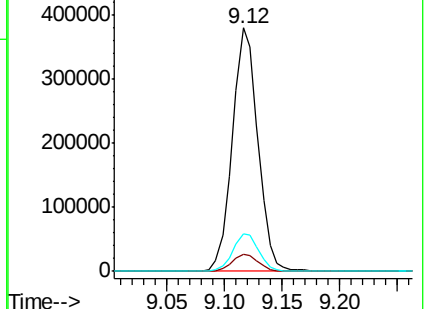
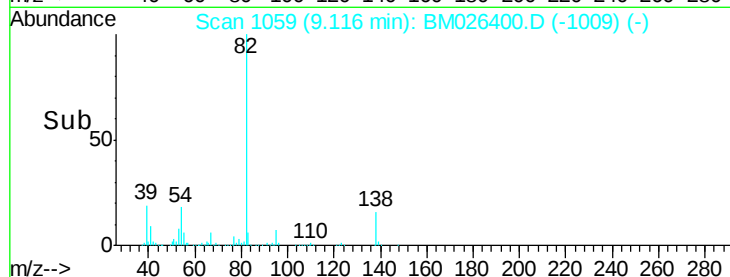
138 15.6 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BM026400.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM026400.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM026400.D (-1058) (-)



#26

2-Nitrophenol

Concen: 40.879 ng

RT: 9.29 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

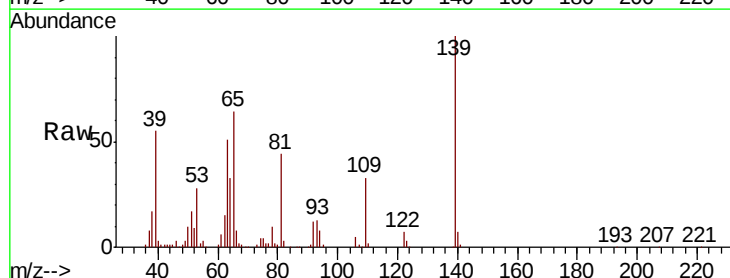
Tgt Ion: 139 Resp: 130568

Ion Ratio Lower Upper

139 100

109 32.9 25.2 37.8

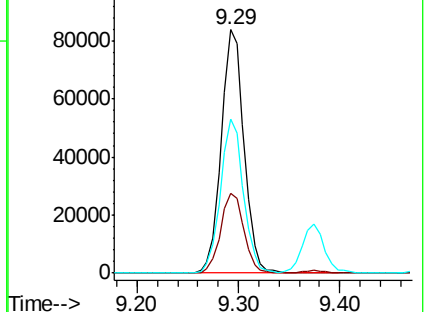
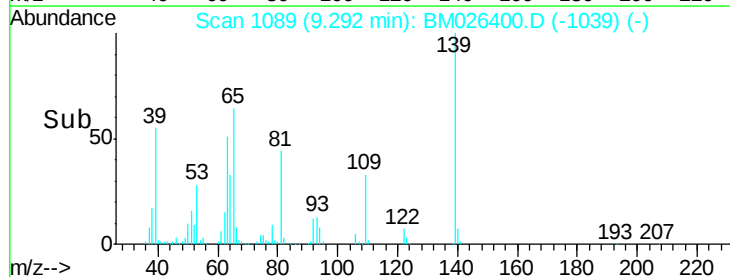
65 63.5 47.1 70.7



Abundance Ion 139.00 (138.70 to 139.70): BM026400.D (-1089) (-)

Ion 109.00 (108.70 to 109.70): BM026400.D (-1089) (-)

Ion 65.00 (64.70 to 65.70): BM026400.D (-1089) (-)





#27

2,4-Dimethylphenol

Concen: 39.623 ng

RT: 9.37 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampleId :

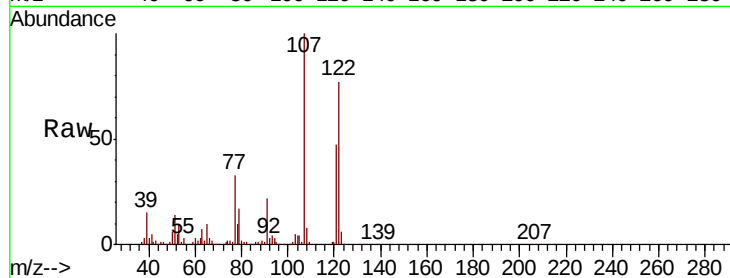
Tot Ion:122 Resp: 199789

Ion Ratio Lower Upper

122 100

107 129.4 96.1 144.1

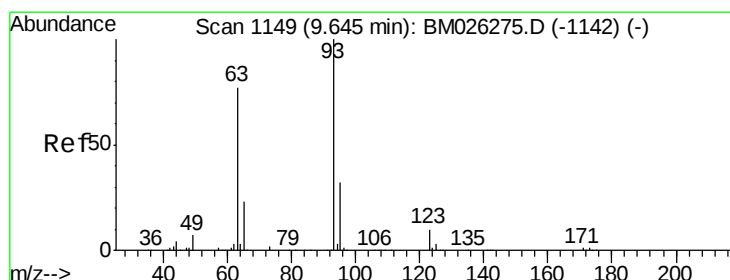
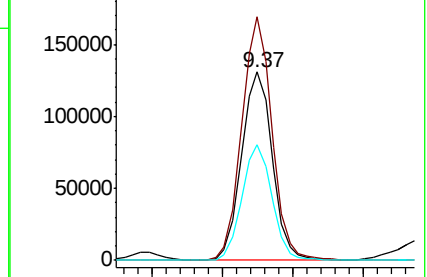
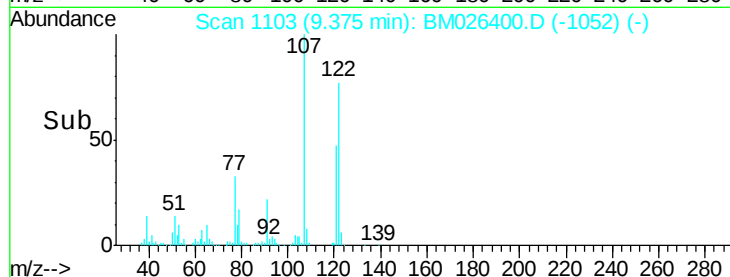
121 61.1 46.0 69.0



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



#28

bis(2-Chloroethoxy)methane

Concen: 39.431 ng

RT: 9.60 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

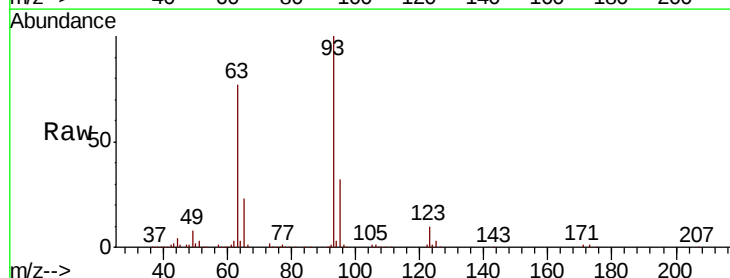
Tgt Ion: 93 Resp: 324017

Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

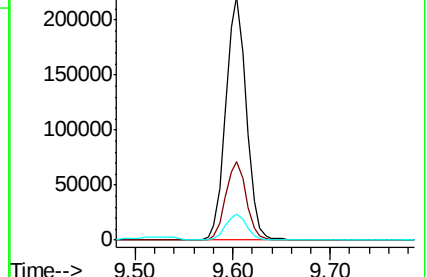
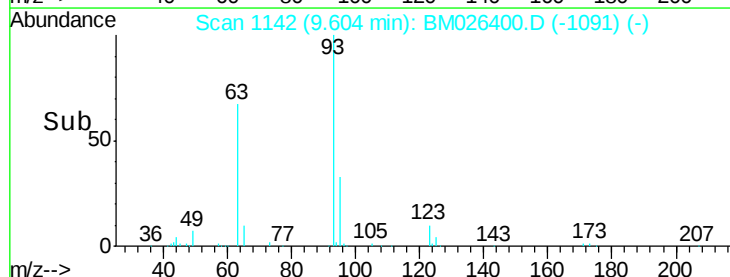
123 10.5 8.9 13.3



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

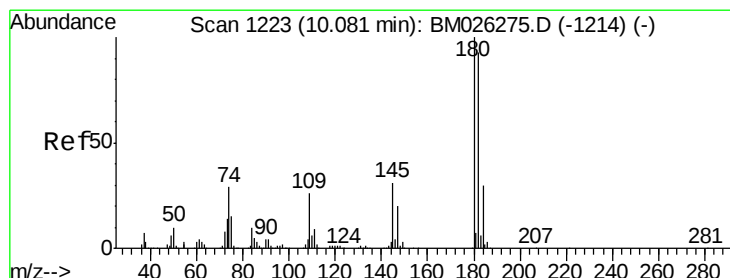
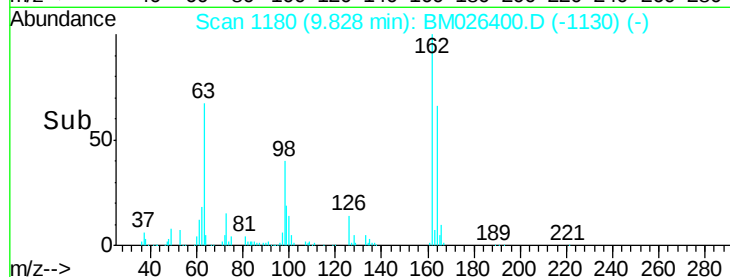
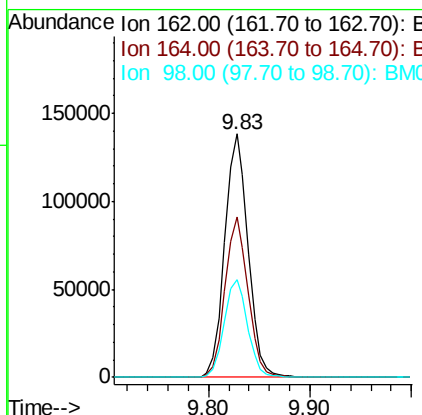
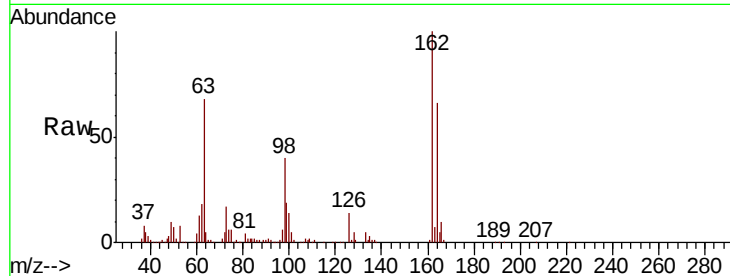




#29  
 2,4-Dichlorophenol  
 Concen: 39.925 ng  
 RT: 9.83 min Scan# 1180  
 Delta R.T. -0.01 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

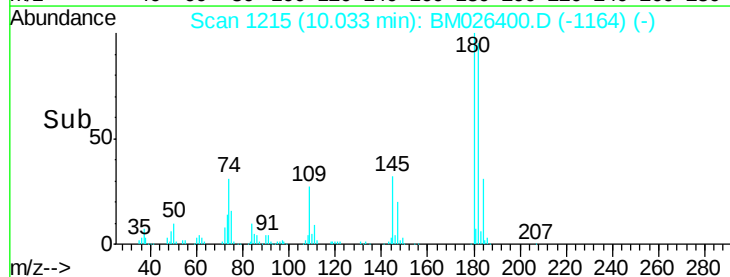
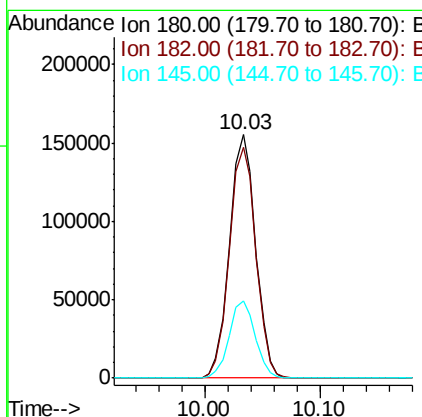
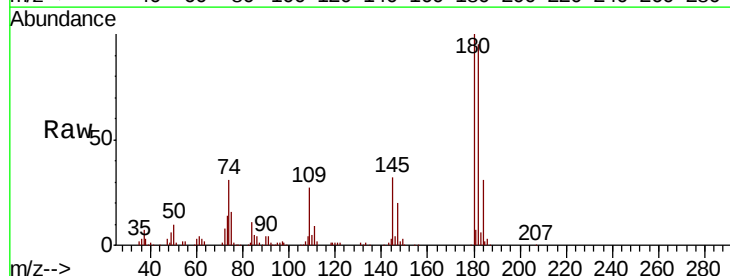
Instrument :  
 BNA\_M  
 ClientSampleId :

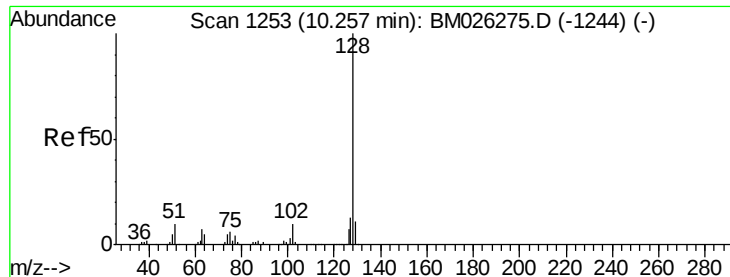
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.6  | 46.2  | 86.2  |
| 98      | 40.1  | 19.0  | 59.0  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.063 ng  
 RT: 10.03 min Scan# 1215  
 Delta R.T. 0.00 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 77.3  | 115.9 |
| 145     | 31.7  | 26.6  | 40.0  |

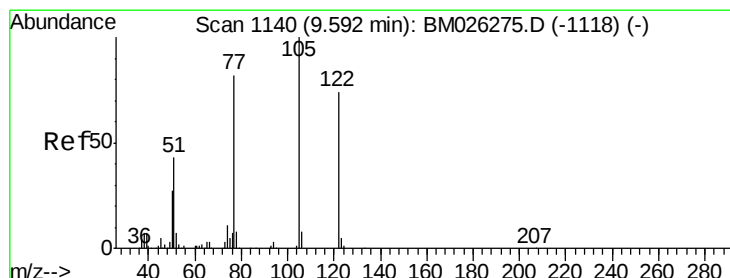
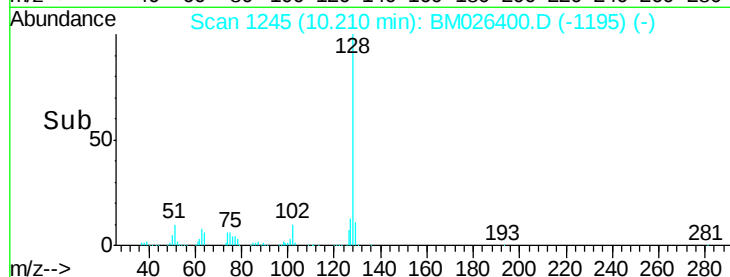
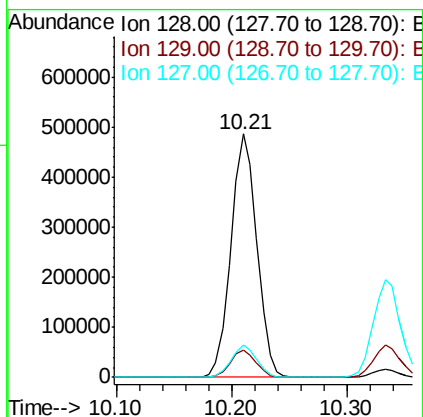
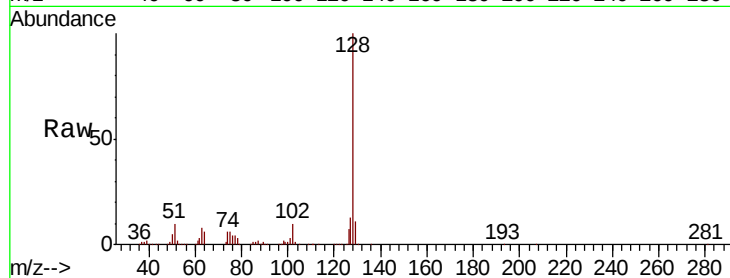




#31  
Naphthalene  
Concen: 39.441 ng  
RT: 10.21 min Scan# 1245  
Delta R.T. -0.01 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

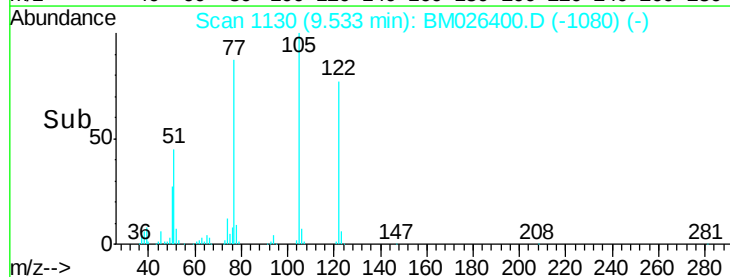
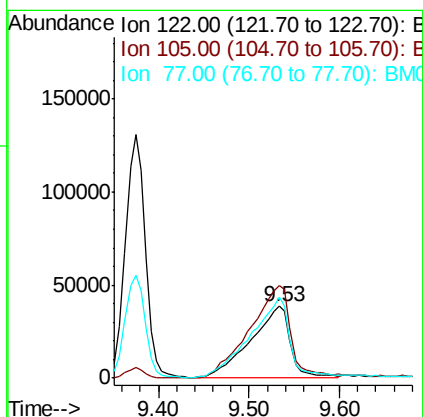
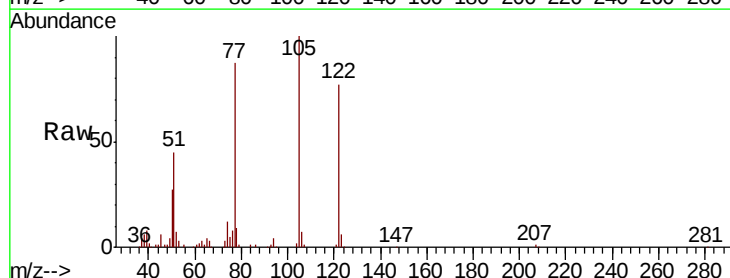
Instrument :  
BNA\_M  
ClientSampleId :

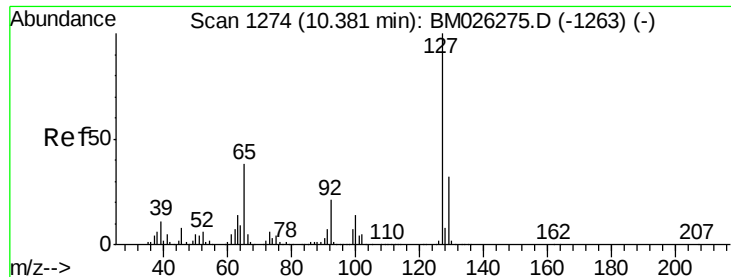
Tot Ion:128 Resp: 752356  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.4 12.6  
127 13.4 10.2 15.4



#32  
Benzoic acid  
Concen: 30.656 ng  
RT: 9.53 min Scan# 1130  
Delta R.T. -0.01 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Tgt Ion:122 Resp: 115824  
Ion Ratio Lower Upper  
122 100  
105 129.9 108.9 148.9  
77 113.5 90.1 130.1

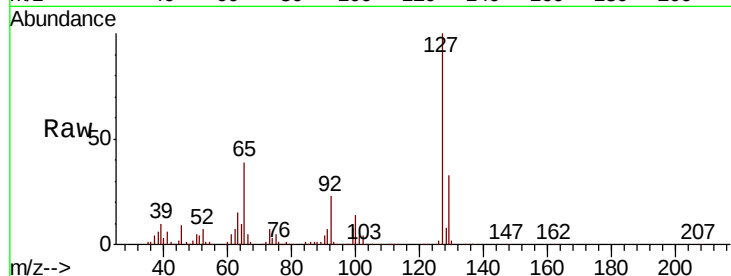




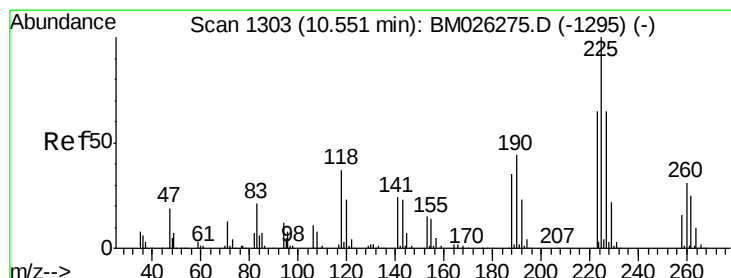
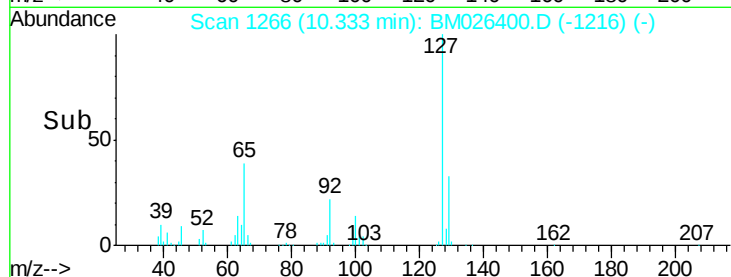
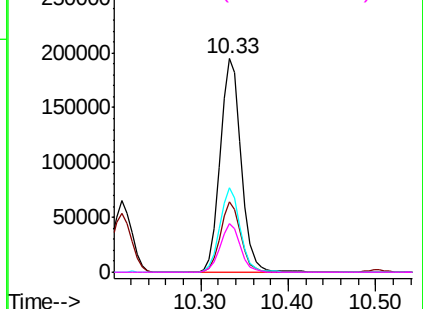
#33  
4-Chloroaniline  
Concen: 38.997 ng  
RT: 10.33 min Scan# 1266  
Delta R.T. -0.01 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Instrument :  
BNA\_M  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 324451 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.2  | 25.3  | 37.9   |
| 65       | 39.5  | 30.0  | 45.0   |
| 92       | 22.8  | 17.1  | 25.7   |

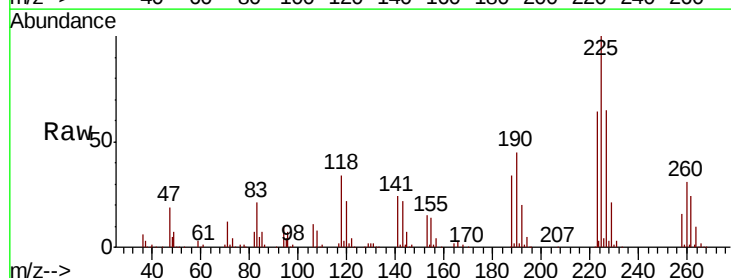


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

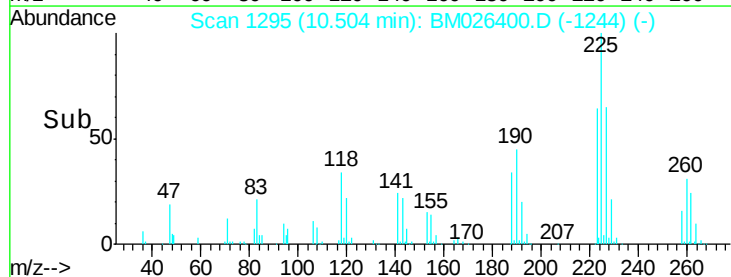
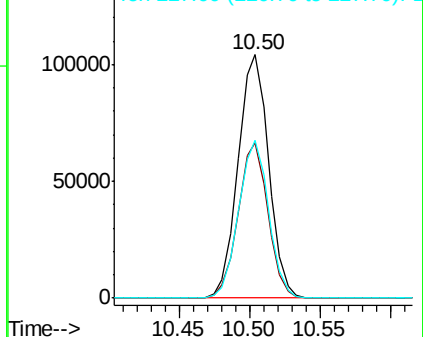


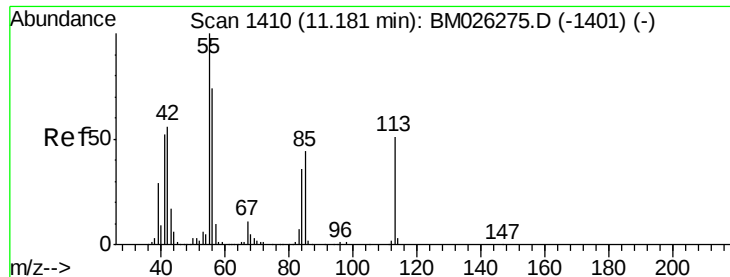
#34  
Hexachlorobutadiene  
Concen: 41.265 ng  
RT: 10.50 min Scan# 1295  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 158036 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 50.2  | 75.4   |
| 227      | 64.8  | 49.5  | 74.3   |



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

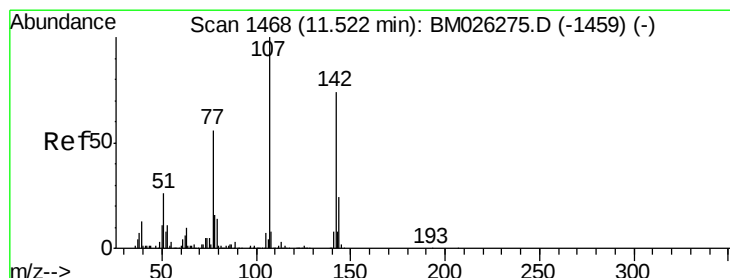
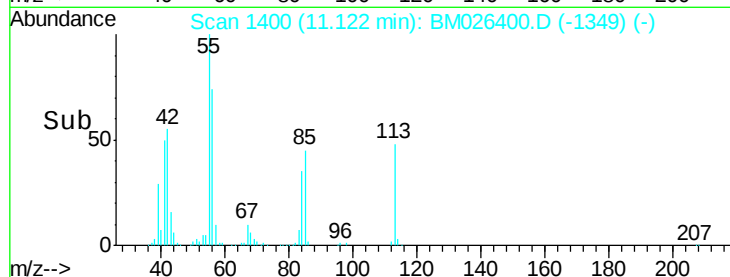
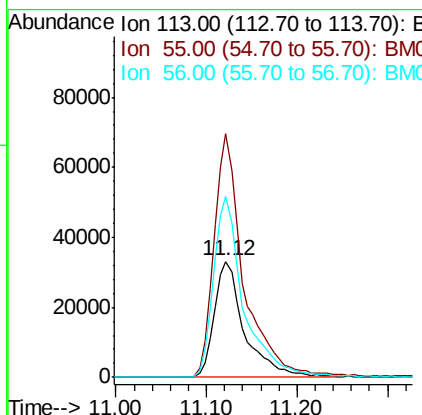
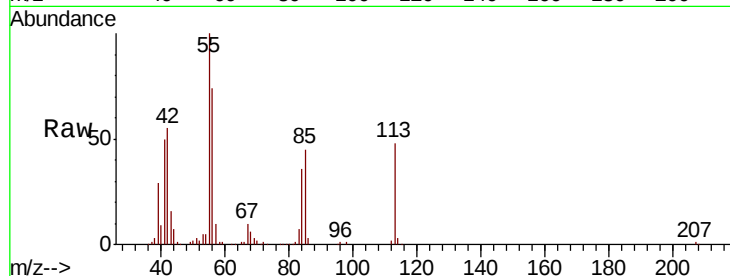




#35  
 Caprolactam  
 Concen: 39.467 ng  
 RT: 11.12 min Scan# 1400  
 Delta R.T. 0.00 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

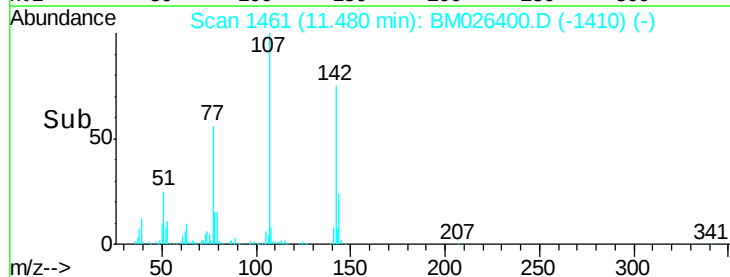
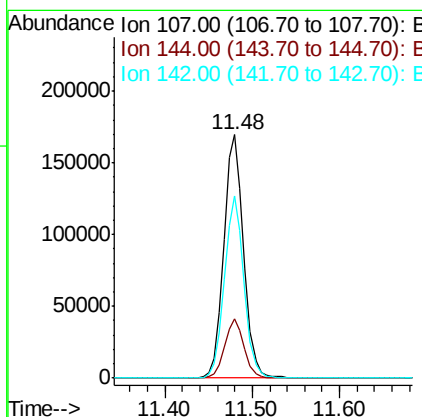
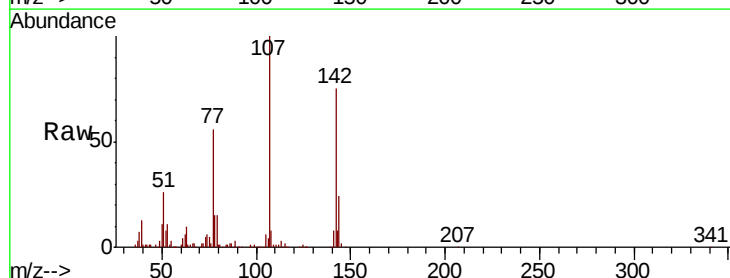
Instrument :  
 BNA\_M  
 ClientSampleId :

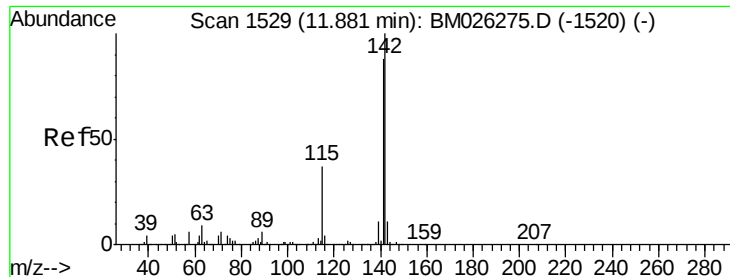
Tot Ion:113 Resp: 76710  
 Ion Ratio Lower Upper  
 113 100  
 55 209.9 177.1 217.1  
 56 155.8 134.8 174.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.200 ng  
 RT: 11.48 min Scan# 1461  
 Delta R.T. 0.00 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

Tgt Ion:107 Resp: 264257  
 Ion Ratio Lower Upper  
 107 100  
 144 24.2 18.7 28.1  
 142 75.0 57.7 86.5

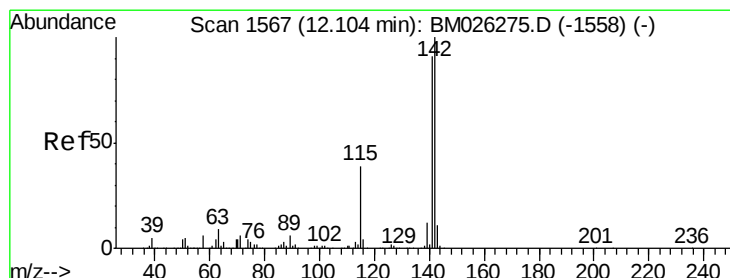
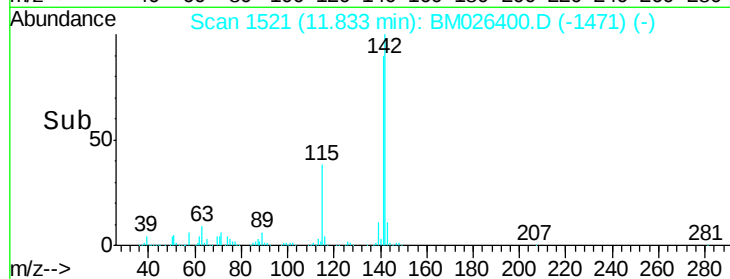
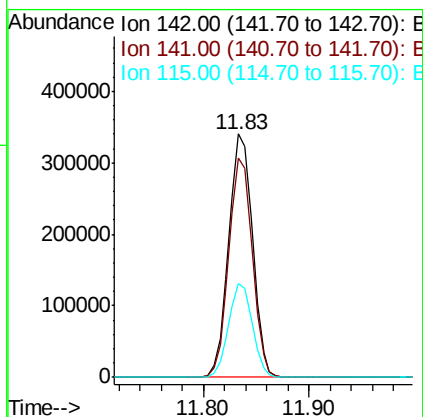
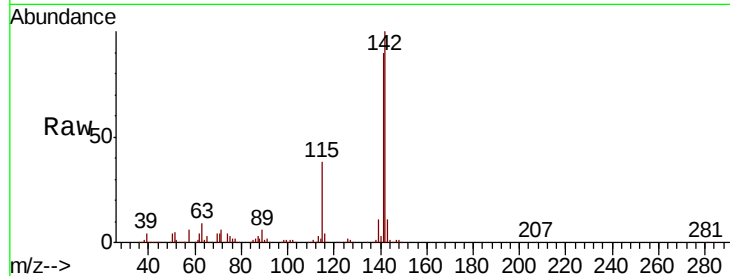




#37  
2-Methylnaphthalene  
Concen: 38.998 ng  
RT: 11.83 min Scan# 1521  
Delta R.T. -0.01 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

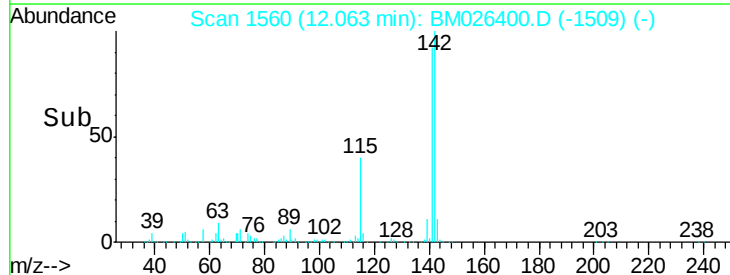
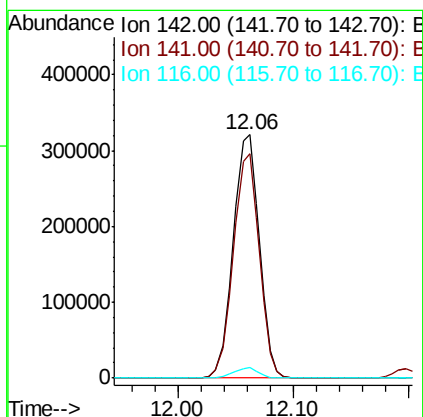
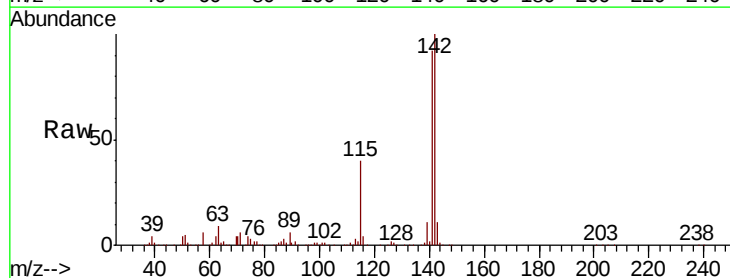
Instrument :  
BNA\_M  
ClientSampleId :

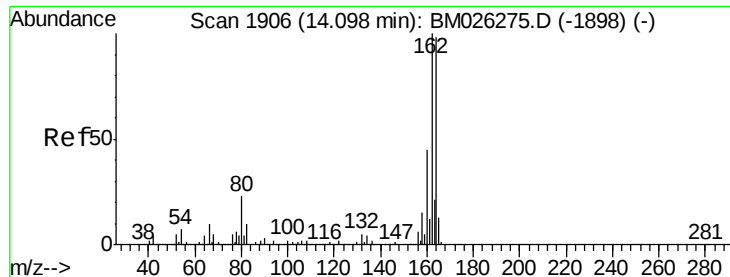
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.0  | 70.5  | 105.7 |
| 115     | 38.4  | 30.2  | 45.4  |



#38  
1-Methylnaphthalene  
Concen: 39.029 ng  
RT: 12.06 min Scan# 1560  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.1  | 73.3  | 109.9 |
| 116     | 4.2   | 3.4   | 5.0   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.06 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampleId :

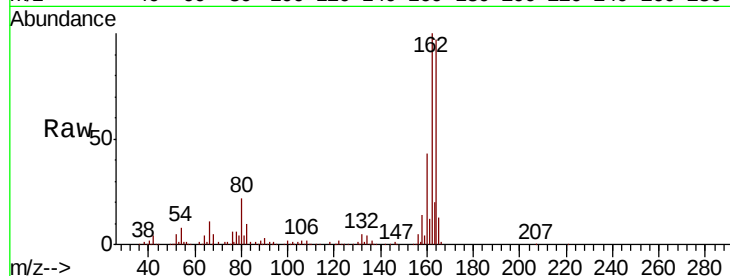
Tot Ion:164 Resp: 232020

Ion Ratio Lower Upper

164 100

162 103.5 77.7 116.5

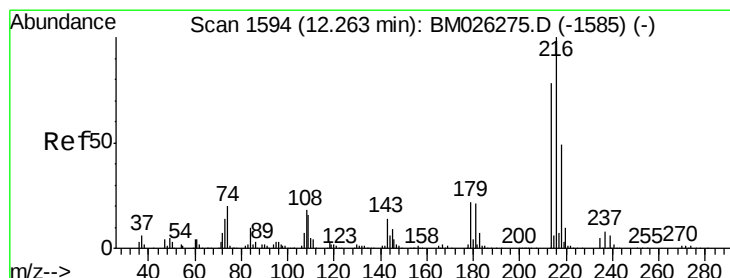
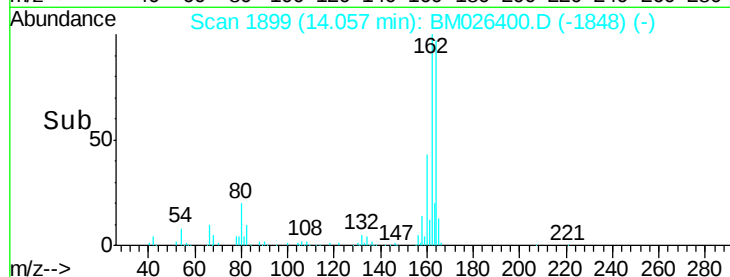
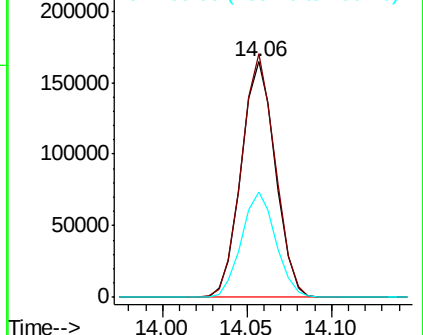
160 45.0 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.300 ng

RT: 12.22 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Tgt Ion:216 Resp: 272769

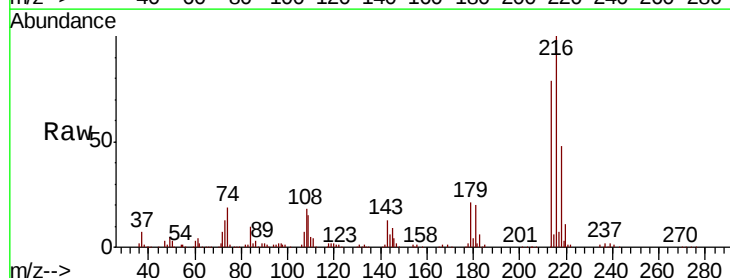
Ion Ratio Lower Upper

216 100

214 78.3 61.9 92.9

179 20.8 16.3 24.5

108 19.7 15.3 22.9

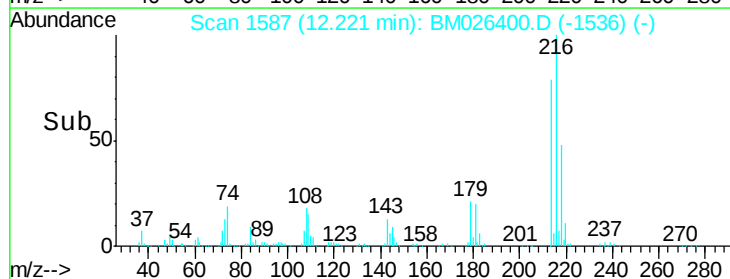
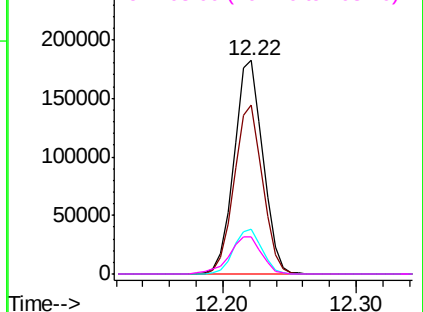


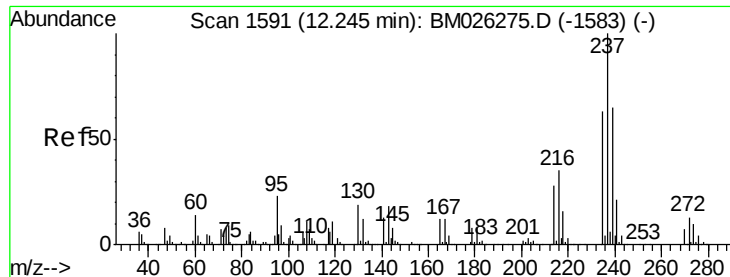
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.067 ng

RT: 12.20 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampleId :

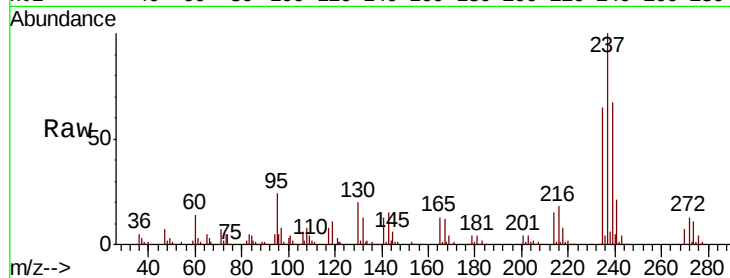
Tot Ion:237 Resp: 136484

Ion Ratio Lower Upper

237 100

235 64.8 42.1 82.1

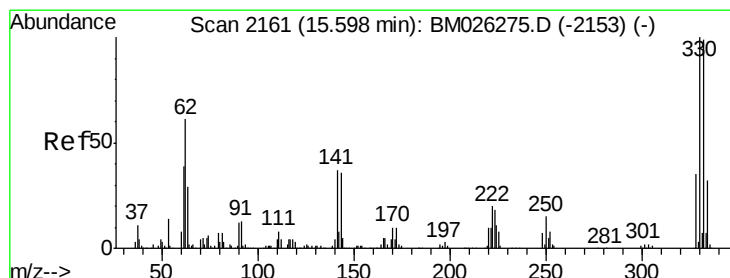
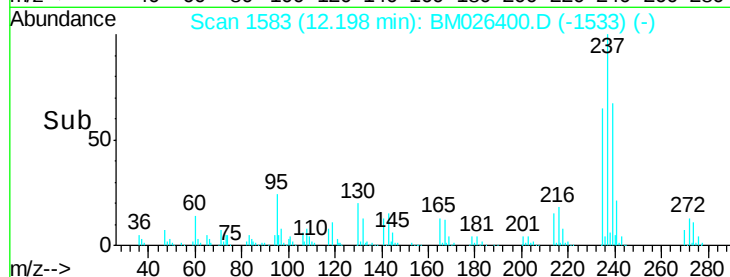
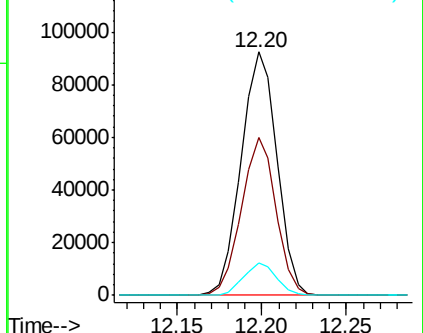
272 13.4 0.0 33.5



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: 80.343 ng

RT: 15.56 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

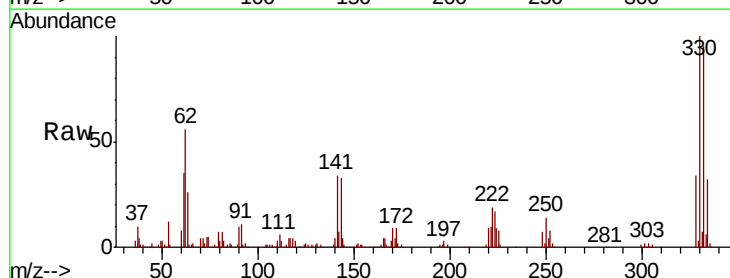
Tgt Ion:330 Resp: 225809

Ion Ratio Lower Upper

330 100

332 96.2 77.7 116.5

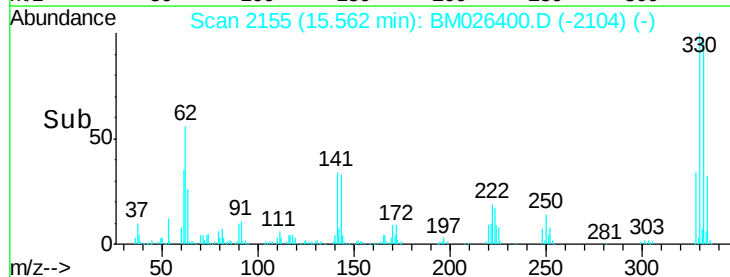
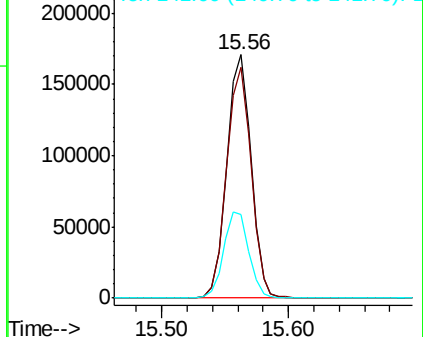
141 36.7 29.7 44.5

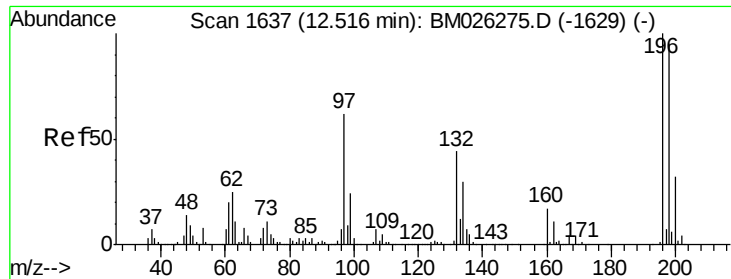


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

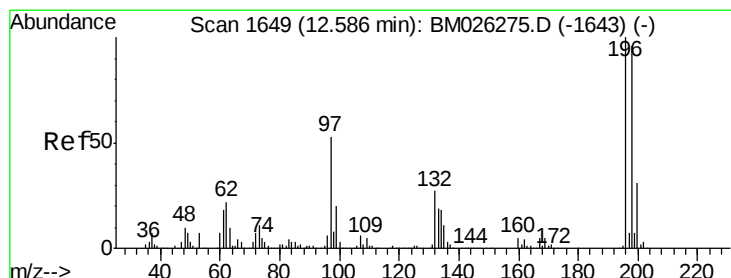
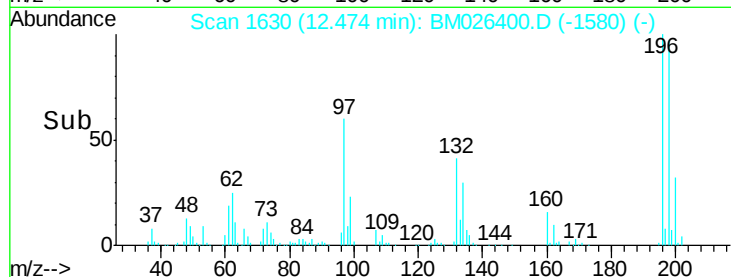
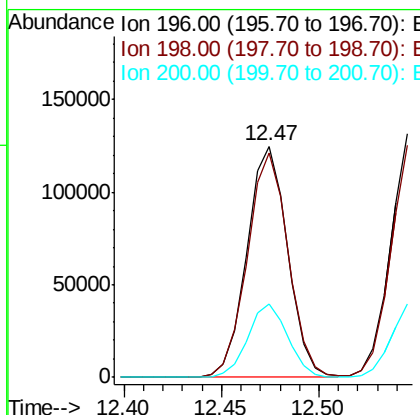
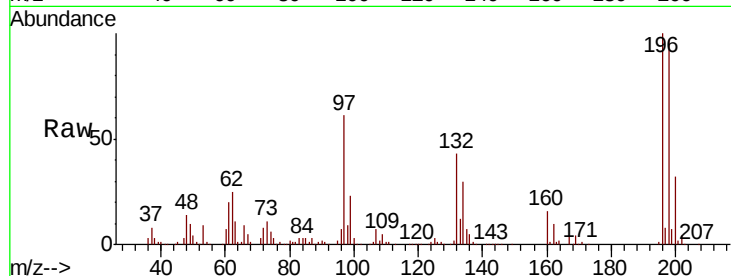




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.317 ng  
 RT: 12.47 min Scan# 1630  
 Delta R.T. -0.01 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

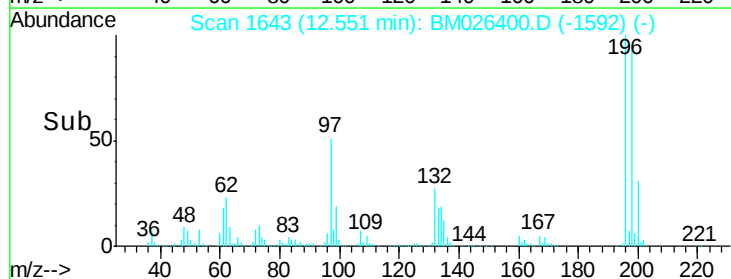
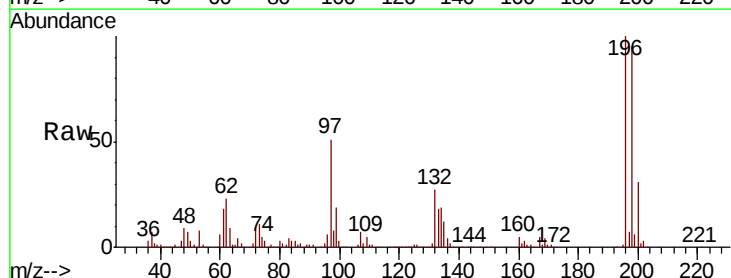
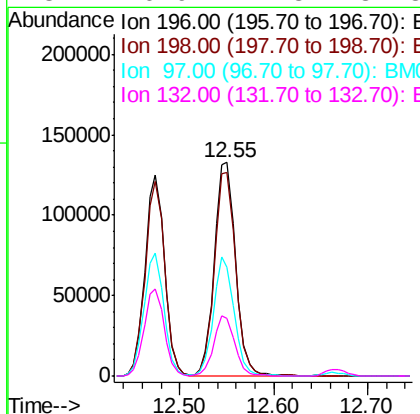
Instrument :  
 BNA\_M  
 ClientSampleId :

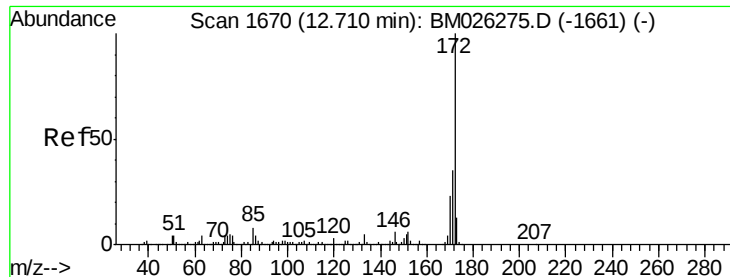
Tot Ion:196 Resp: 180235  
 Ion Ratio Lower Upper  
 196 100  
 198 96.9 79.0 118.4  
 200 31.7 25.2 37.8



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.828 ng  
 RT: 12.55 min Scan# 1643  
 Delta R.T. 0.00 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

Tgt Ion:196 Resp: 211861  
 Ion Ratio Lower Upper  
 196 100  
 198 95.2 77.1 115.7  
 97 51.2 43.0 64.4  
 132 26.9 21.8 32.8

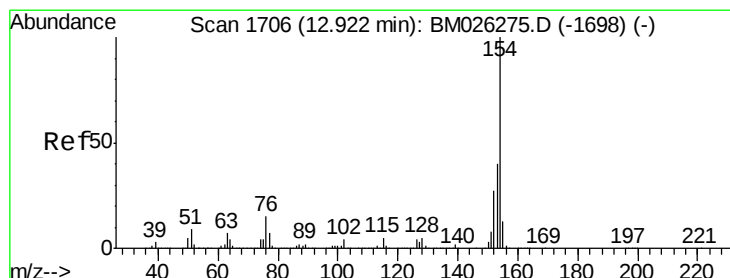
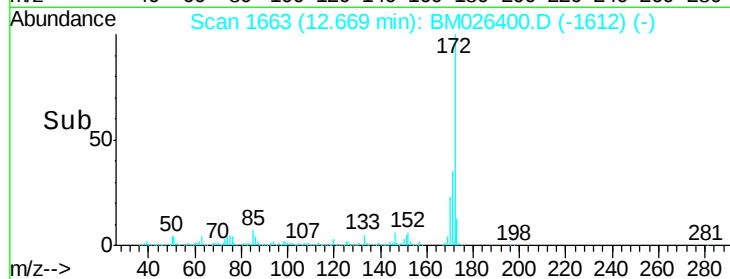
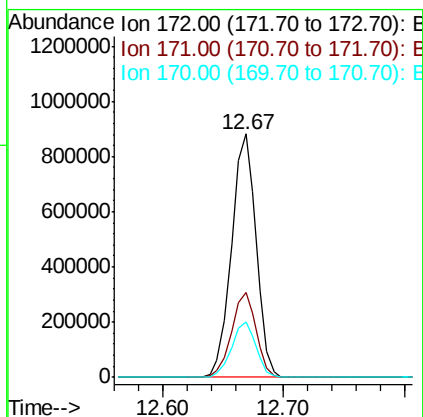
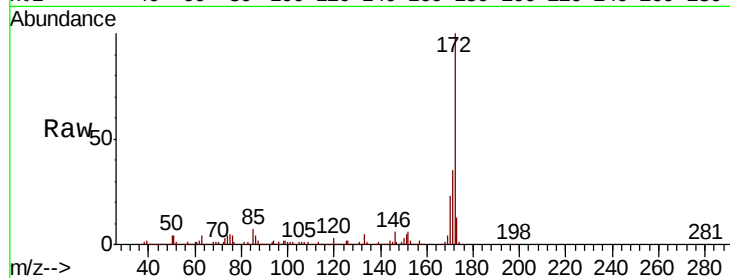




#45  
2-Fluorobiphenyl  
Concen: 81.693 ng  
RT: 12.67 min Scan# 1663  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

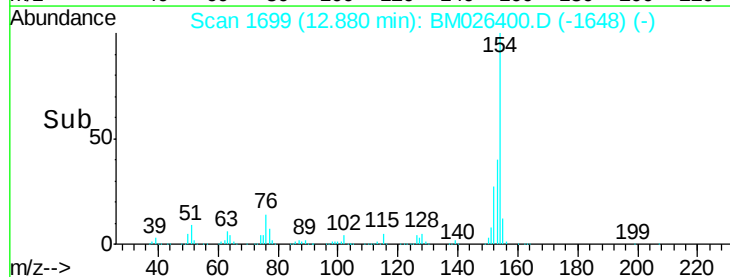
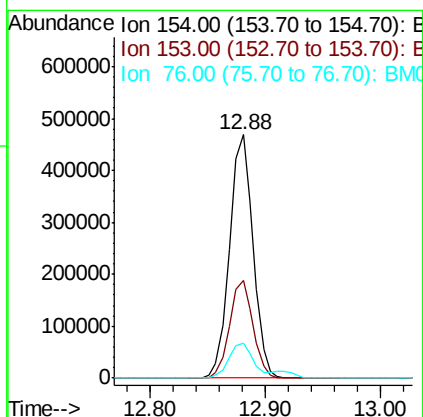
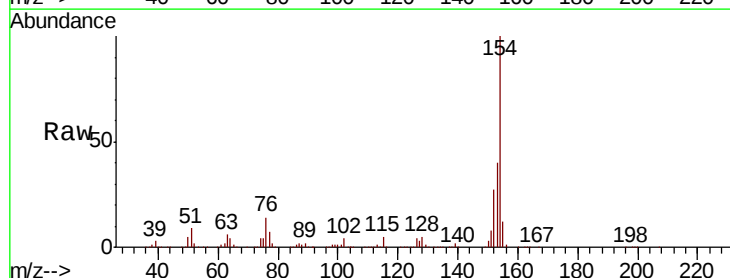
Instrument :  
BNA\_M  
ClientSampleId :

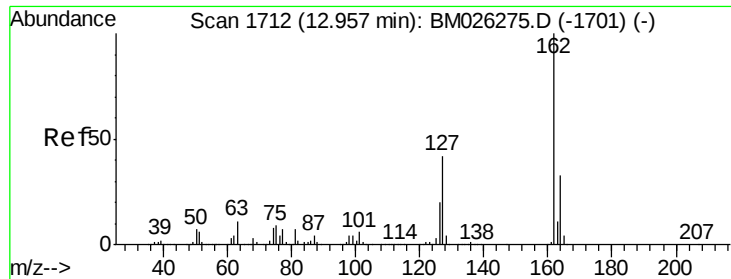
Tot Ion:172 Resp: 1248675  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.8 41.8  
170 22.5 18.2 27.4



#46  
1,1'-Biphenyl  
Concen: 40.312 ng  
RT: 12.88 min Scan# 1699  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Tgt Ion:154 Resp: 655738  
Ion Ratio Lower Upper  
154 100  
153 39.9 20.0 60.0  
76 14.4 0.0 34.6

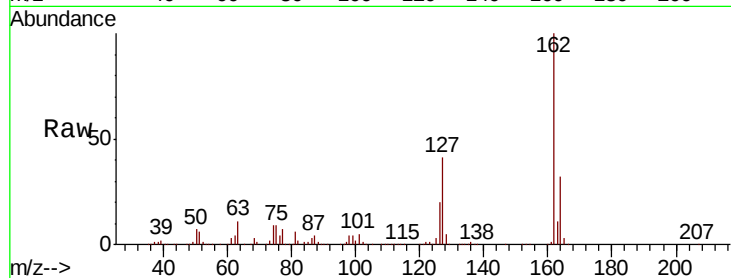




#47  
2-Chloronaphthalene  
Concen: 40.326 ng  
RT: 12.92 min Scan# 1705  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.8  | 34.0  | 51.0  |
| 164     | 32.0  | 26.3  | 39.5  |

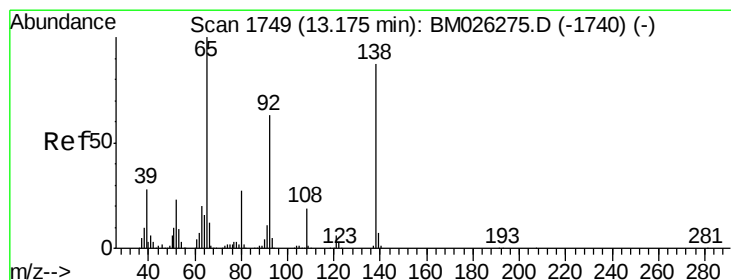
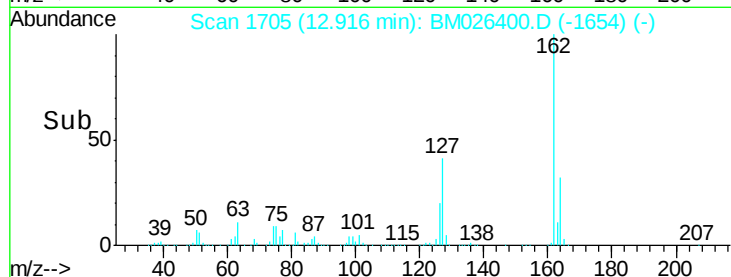
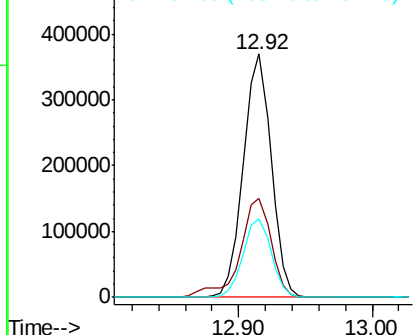


Abundance

Ion 162.00 (161.70 to 162.70): E

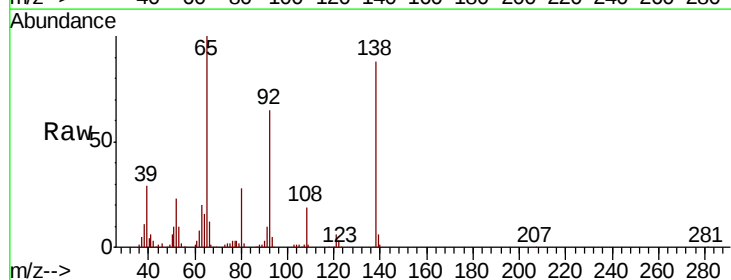
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 40.233 ng  
RT: 13.13 min Scan# 1742  
Delta R.T. -0.01 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.7  | 50.6  | 76.0  |
| 138     | 87.7  | 71.6  | 107.4 |

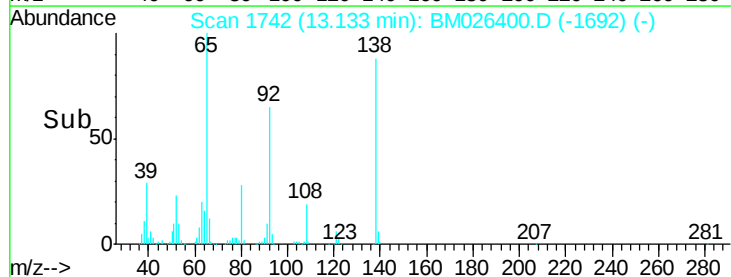
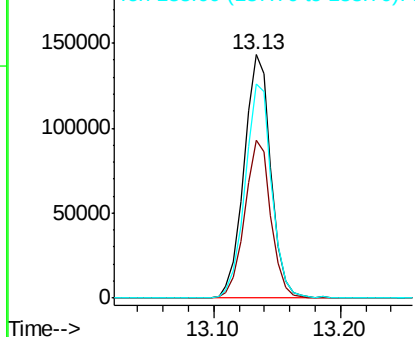


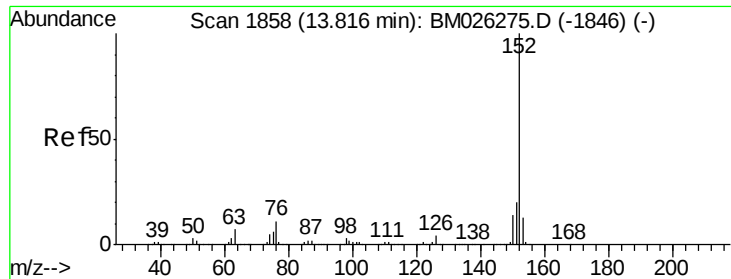
Abundance

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: 40.036 ng

RT: 13.77 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampleId :

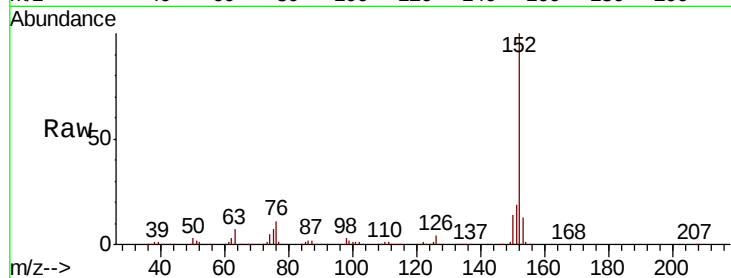
Tot Ion:152 Resp: 846060

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

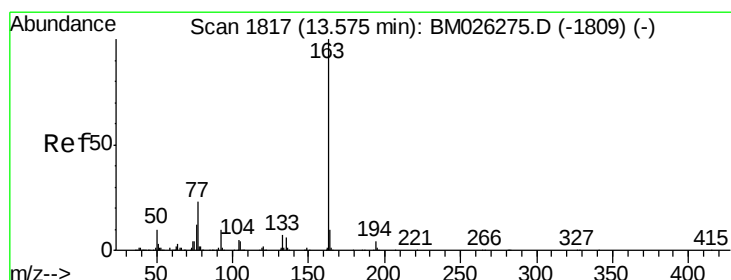
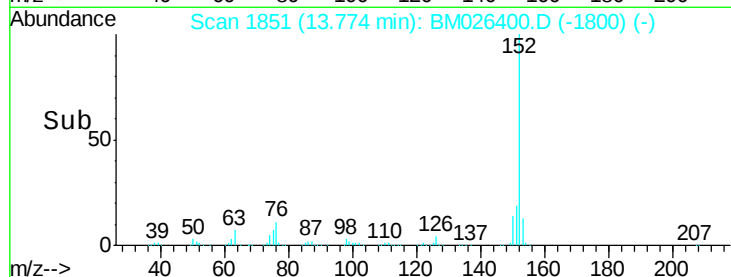
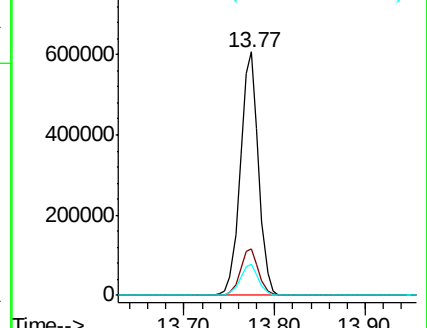
153 12.6 10.1 15.1



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: 39.668 ng

RT: 13.53 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

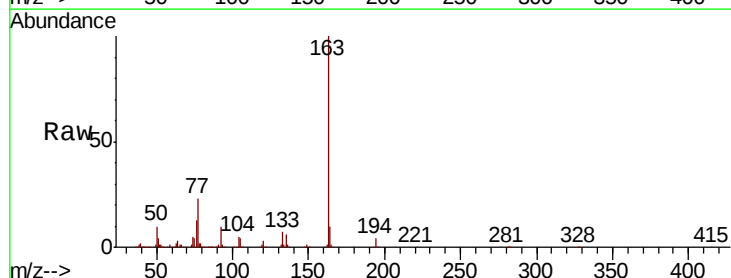
Tgt Ion:163 Resp: 673188

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

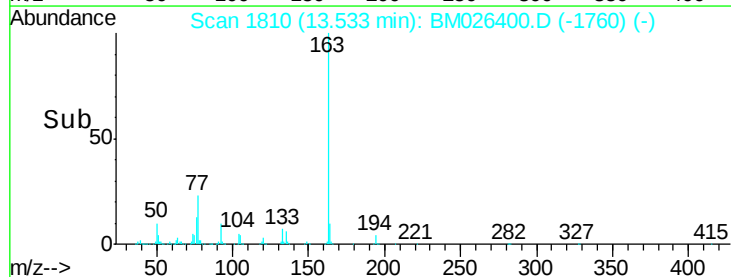
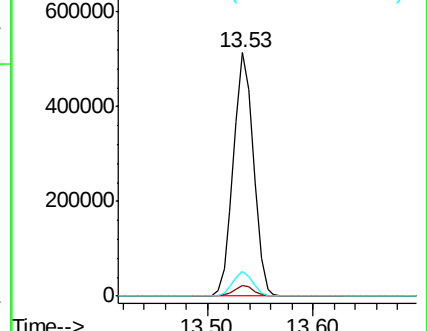
164 10.0 7.8 11.8

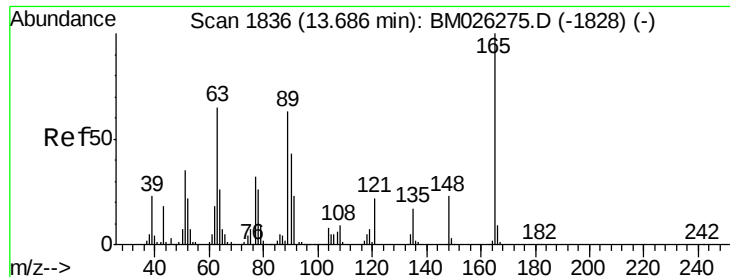


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

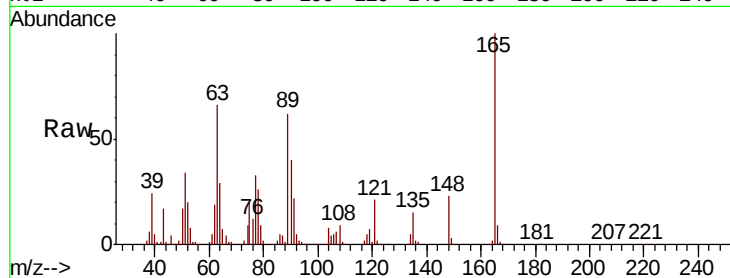




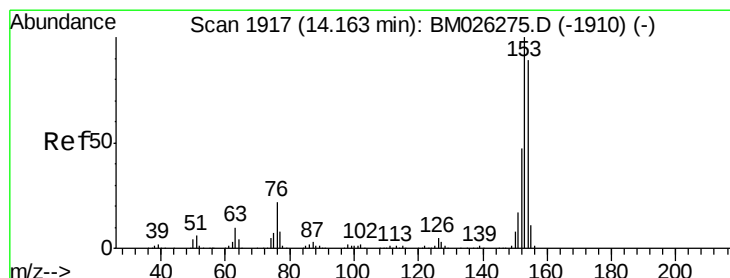
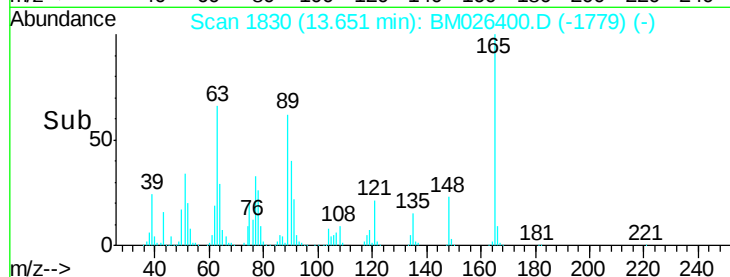
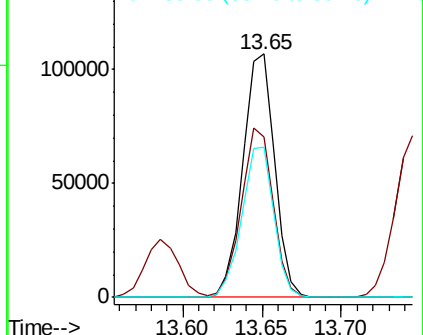
#51  
 2,6-Dinitrotoluene  
 Concen: 39.898 ng  
 RT: 13.65 min Scan# 1830  
 Delta R.T. 0.00 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:165 Resp: 148578  
 Ion Ratio Lower Upper  
 165 100  
 63 65.9 54.3 81.5  
 89 61.9 51.5 77.3

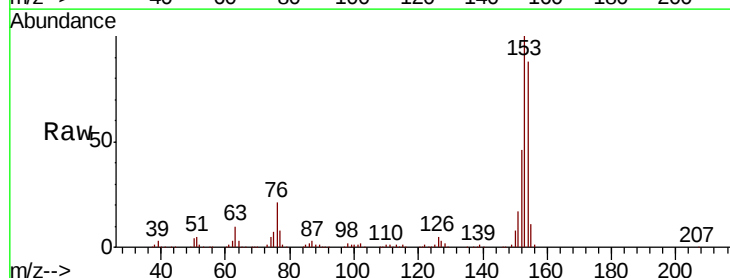


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BM  
 Ion 89.00 (88.70 to 89.70): BM

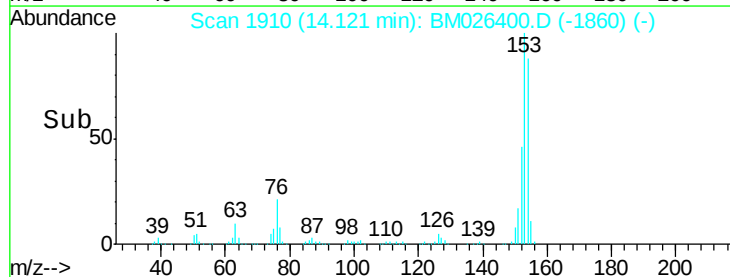
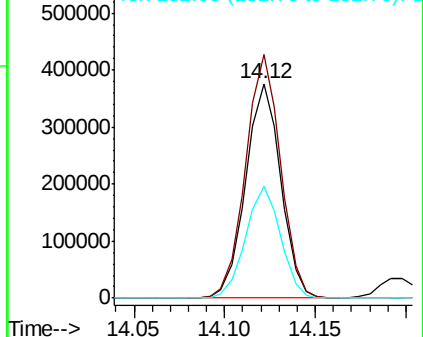


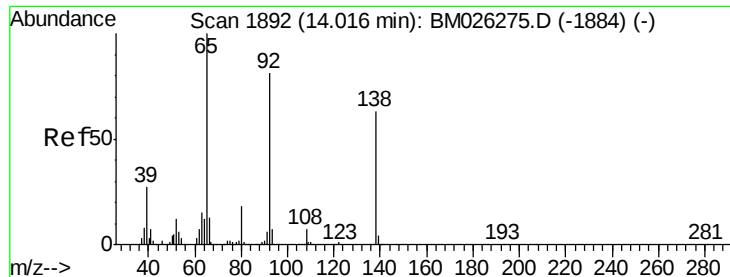
#52  
 Acenaphthene  
 Concen: 39.912 ng  
 RT: 14.12 min Scan# 1910  
 Delta R.T. -0.01 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

Tgt Ion:154 Resp: 506348  
 Ion Ratio Lower Upper  
 154 100  
 153 113.5 88.6 132.8  
 152 52.2 42.0 63.0



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

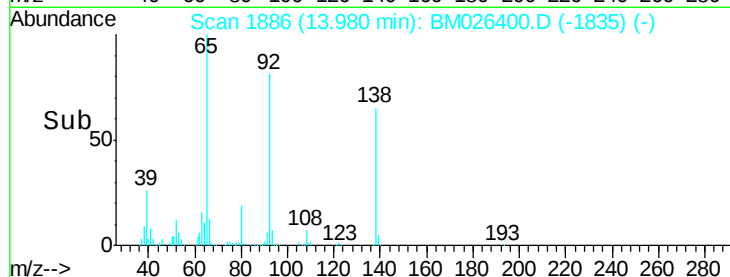
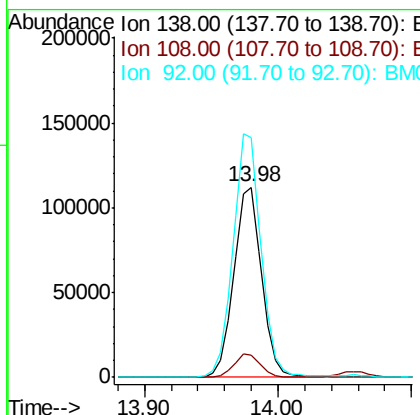
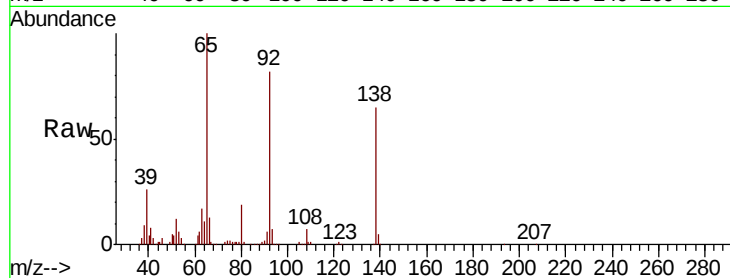




#53  
 3-Nitroaniline  
 Concen: 39.276 ng  
 RT: 13.98 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

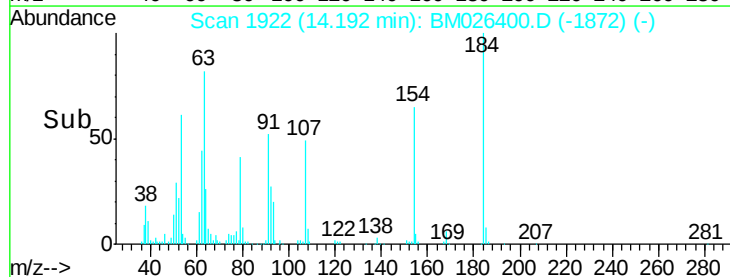
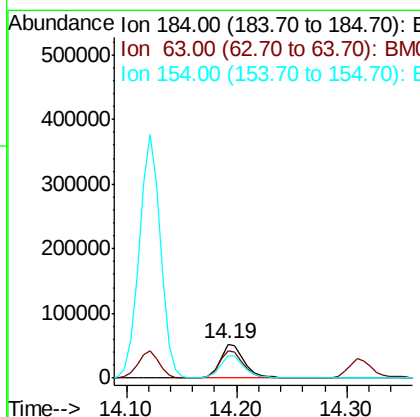
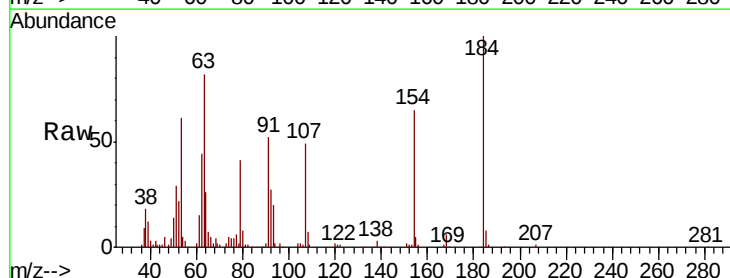
Instrument :  
 BNA\_M  
 ClientSampleId :

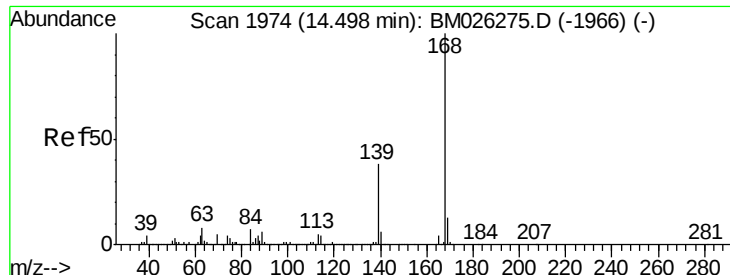
Tot Ion:138 Resp: 162870  
 Ion Ratio Lower Upper  
 138 100  
 108 11.6 9.4 14.0  
 92 126.1 105.4 158.2



#54  
 2,4-Dinitrophenol  
 Concen: 35.710 ng  
 RT: 14.19 min Scan# 1922  
 Delta R.T. -0.01 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

Tgt Ion:184 Resp: 80821  
 Ion Ratio Lower Upper  
 184 100  
 63 81.5 61.8 92.6  
 154 65.5 53.1 79.7

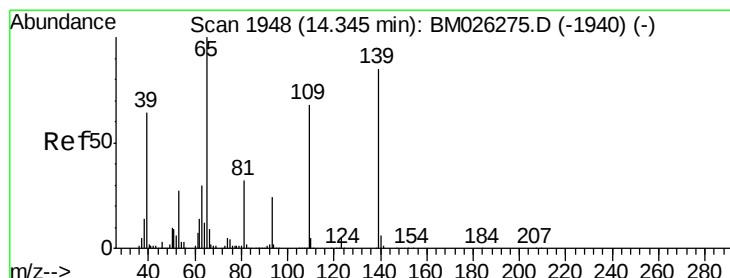
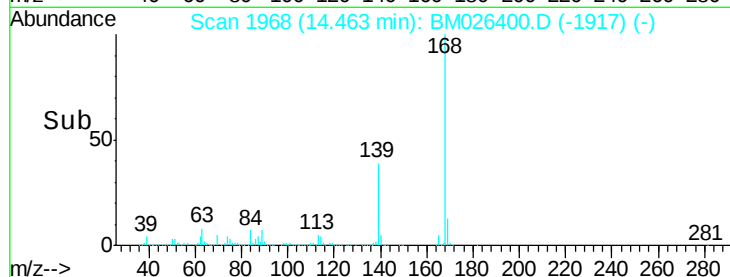
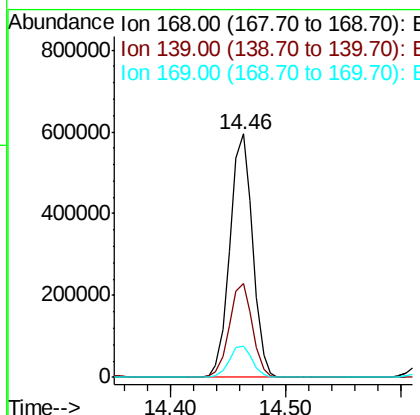
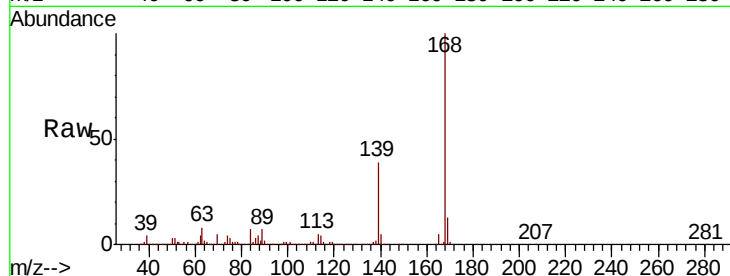




#55  
Dibenzofuran  
Concen: 39.523 ng  
RT: 14.46 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

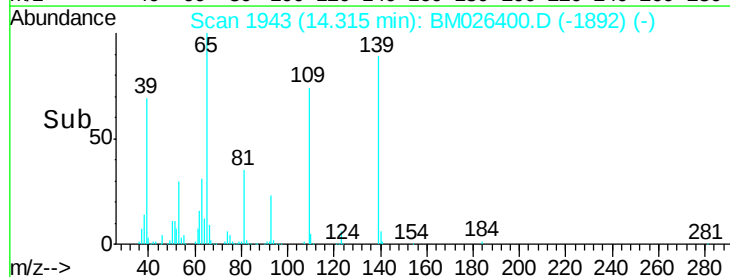
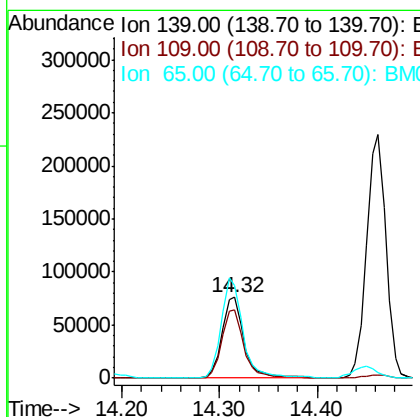
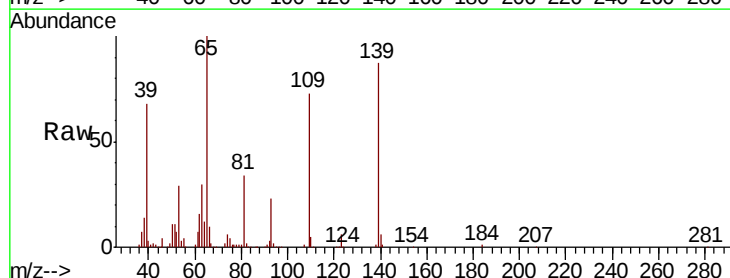
Instrument :  
BNA\_M  
ClientSampleId :

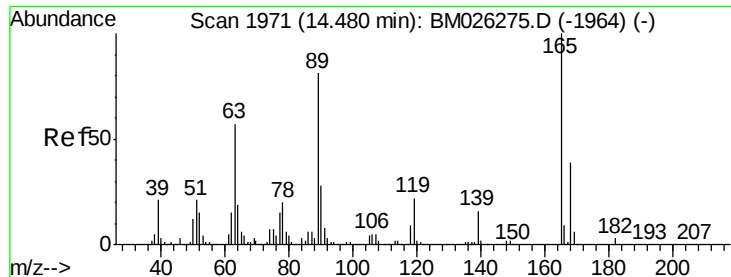
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.6  | 31.4  | 47.0  |
| 169     | 12.8  | 10.7  | 16.1  |



#56  
4-Nitrophenol  
Concen: 36.550 ng  
RT: 14.32 min Scan# 1943  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 84.1  | 64.9  | 104.9 |
| 65      | 115.2 | 98.1  | 138.1 |

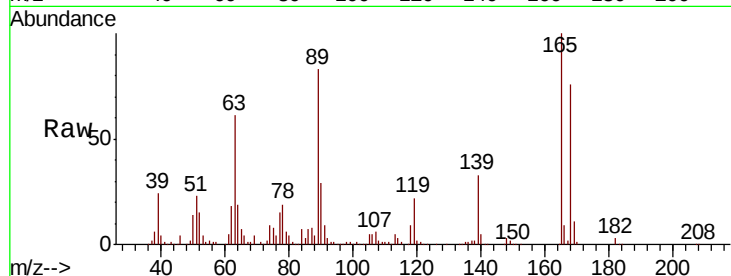




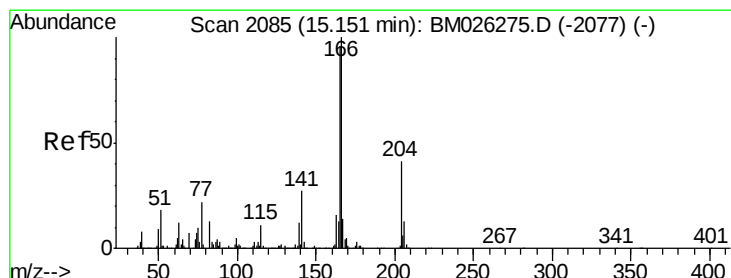
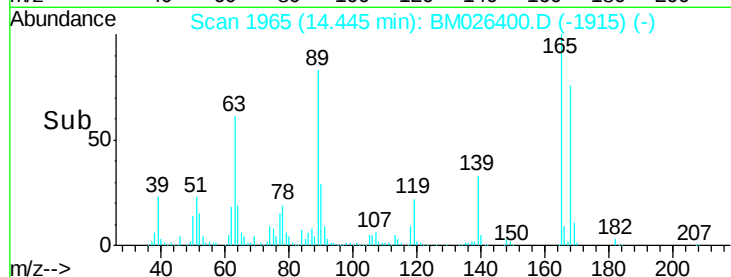
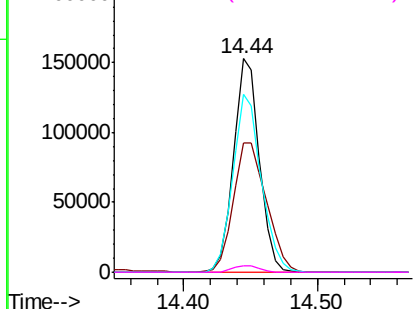
#57  
 2,4-Dinitrotoluene  
 Concen: 39.657 ng  
 RT: 14.44 min Scan# 1965  
 Delta R.T. -0.01 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 205339 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 60.8  | 48.1  | 72.1   |
| 89       | 83.5  | 65.6  | 98.4   |
| 182      | 3.1   | 2.7   | 4.1    |

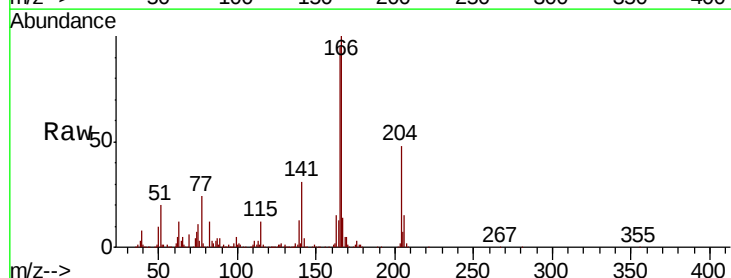


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BM0  
 Ion 89.00 (88.70 to 89.70): BM0  
 Ion 182.00 (181.70 to 182.70): E

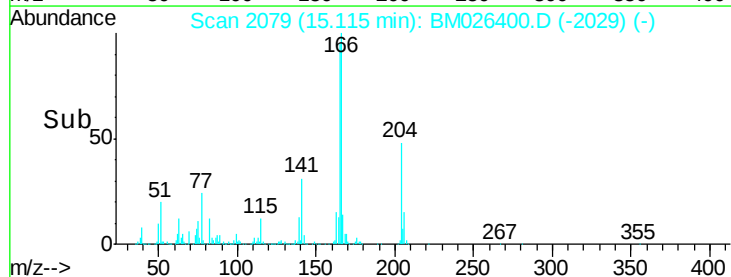
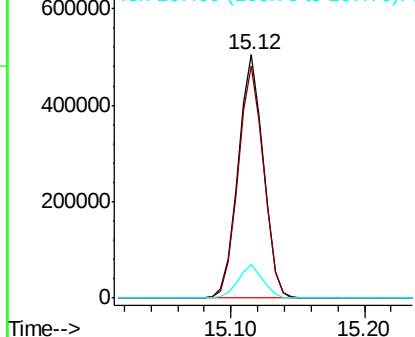


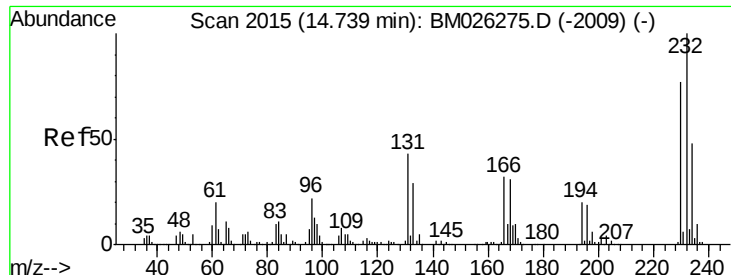
#58  
 Fluorene  
 Concen: 39.745 ng  
 RT: 15.12 min Scan# 2079  
 Delta R.T. -0.01 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 659899 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 95.5  | 77.5  | 116.3  |
| 167      | 13.6  | 10.9  | 16.3   |



Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

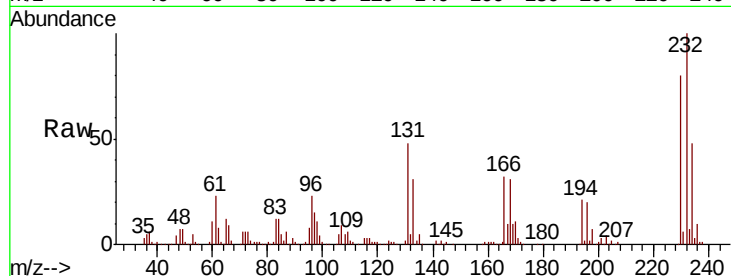




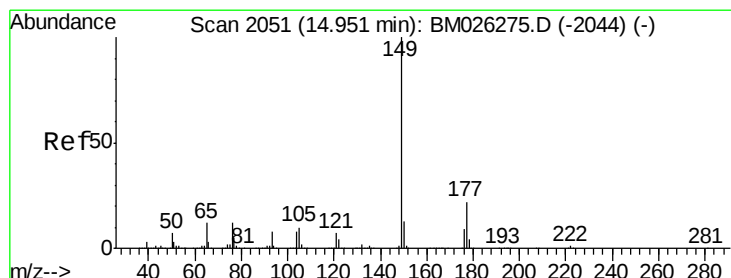
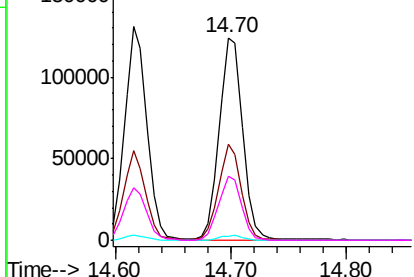
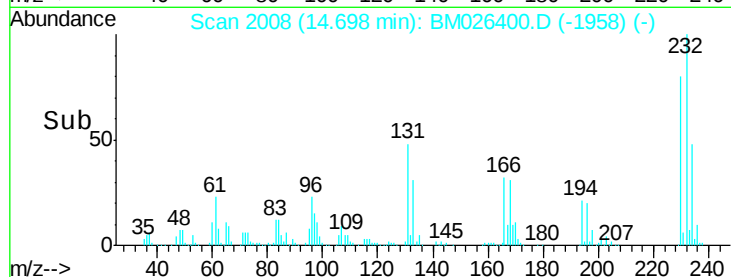
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.489 ng  
 RT: 14.70 min Scan# 2008  
 Delta R.T. -0.01 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 175266 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 45.3  | 36.4  | 54.6   |
| 130      | 2.3   | 2.0   | 3.0    |
| 166      | 31.0  | 24.8  | 37.2   |

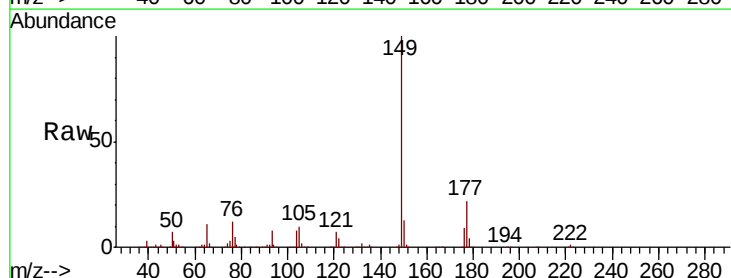


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

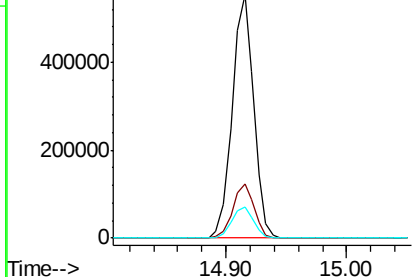
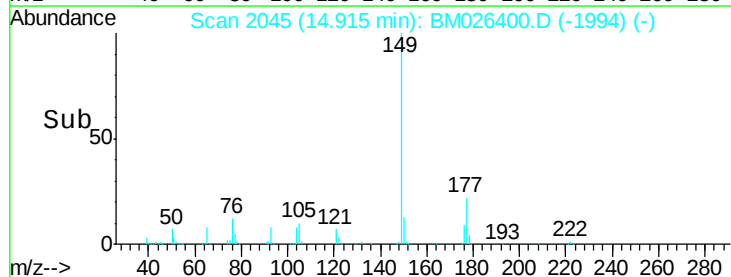


#60  
 Diethylphthalate  
 Concen: 39.489 ng  
 RT: 14.92 min Scan# 2045  
 Delta R.T. 0.00 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 682594 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.4  | 17.6  | 26.4   |
| 150      | 12.6  | 9.9   | 14.9   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E

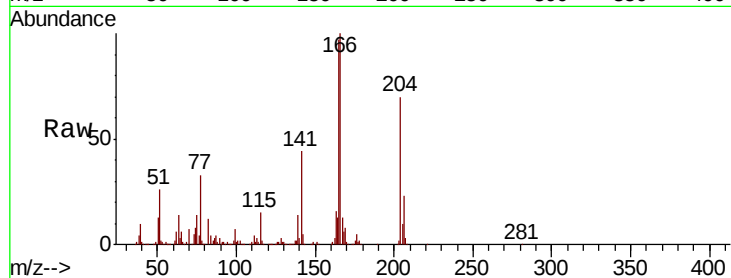




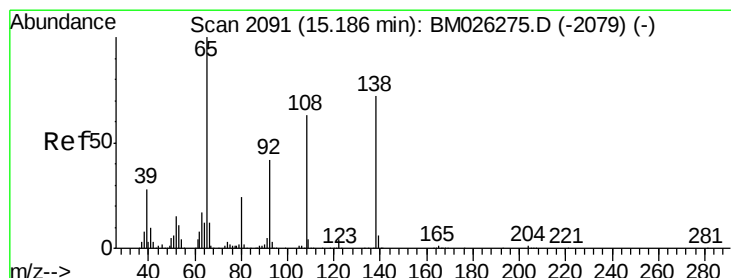
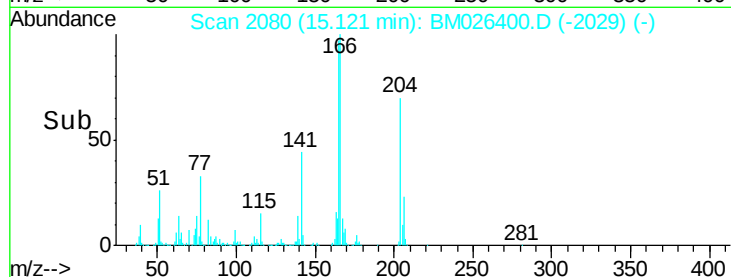
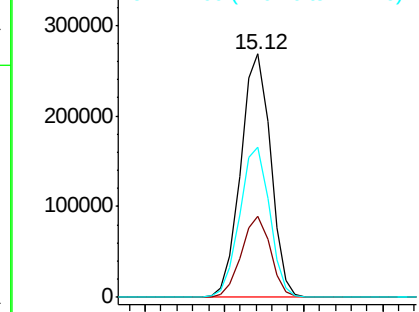
#61  
4-Chlorophenyl-phenylether  
Concen: 39.815 ng  
RT: 15.12 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 26.6  | 40.0  |
| 141     | 61.8  | 49.4  | 74.2  |

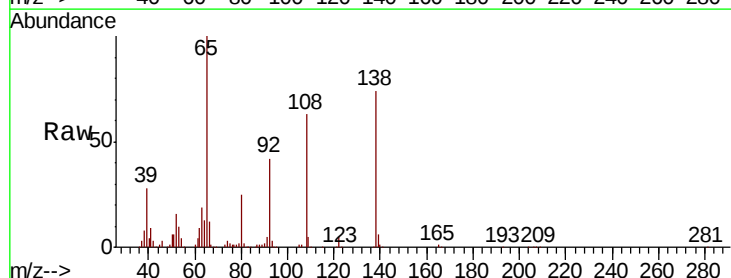


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

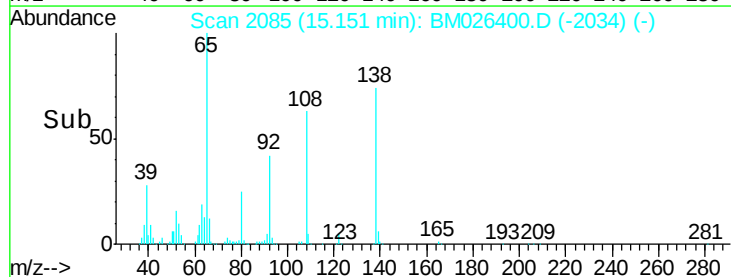
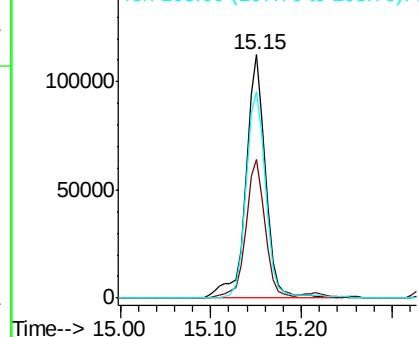


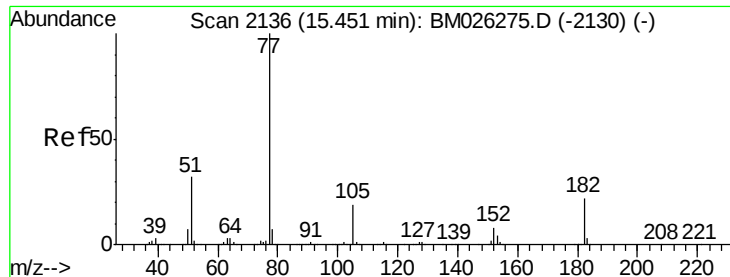
#62  
4-Nitroaniline  
Concen: 38.509 ng  
RT: 15.15 min Scan# 2085  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 56.8  | 37.5  | 77.5  |
| 108     | 84.6  | 66.3  | 106.3 |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 108.00 (107.70 to 108.70): E

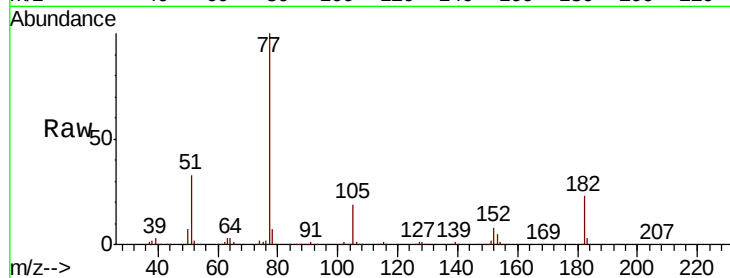




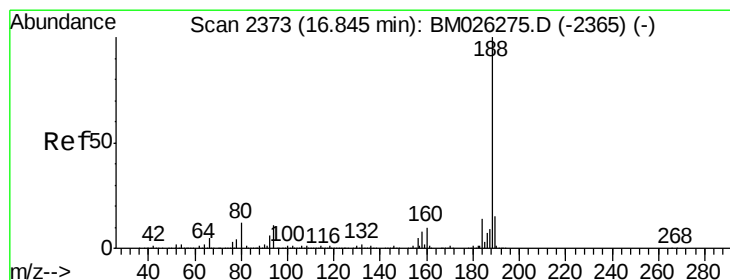
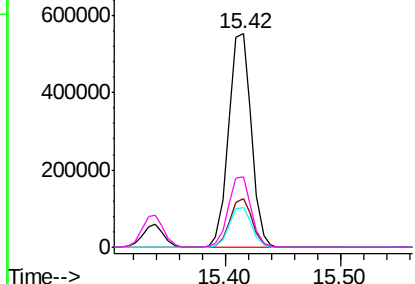
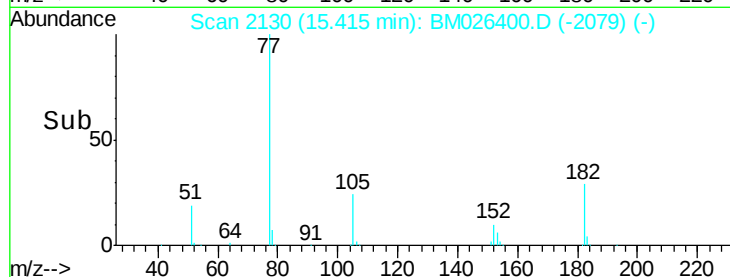
#63  
Azobenzene  
Concen: 39.467 ng  
RT: 15.42 min Scan# 2130  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 77 Resp: 746409  
Ion Ratio Lower Upper  
77 100  
182 23.0 2.1 42.1  
105 18.8 0.0 38.3  
51 33.1 13.5 53.5

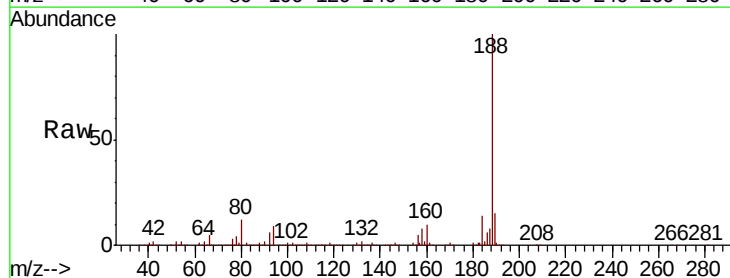


Abundance Ion 77.00 (76.70 to 77.70): BM026400.D (-2079) (-)  
Ion 182.00 (181.70 to 182.70): BM026400.D (-2079) (-)  
Ion 105.00 (104.70 to 105.70): BM026400.D (-2079) (-)  
Ion 51.00 (50.70 to 51.70): BM026400.D (-2079) (-)

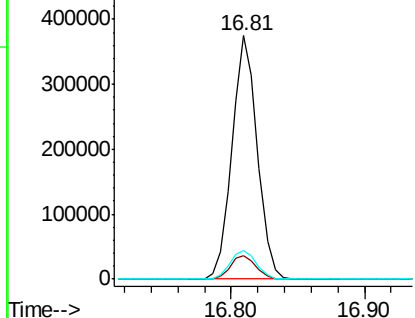
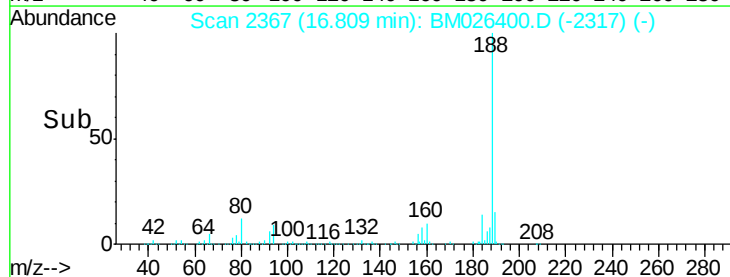


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.81 min Scan# 2367  
Delta R.T. -0.01 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Tgt Ion: 188 Resp: 493962  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.8 11.6  
80 11.8 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): BM026400.D (-2317) (-)  
Ion 94.00 (93.70 to 94.70): BM026400.D (-2317) (-)  
Ion 80.00 (79.70 to 80.70): BM026400.D (-2317) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 39.100 ng

RT: 15.22 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

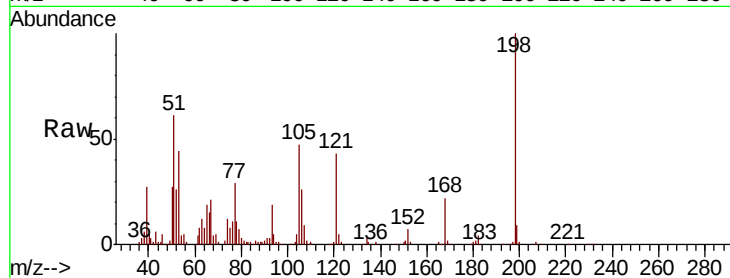
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:198 Resp: 117446

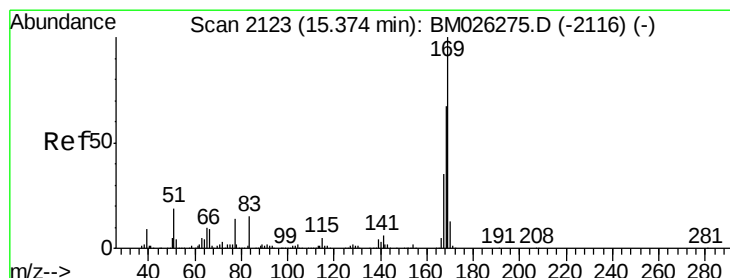
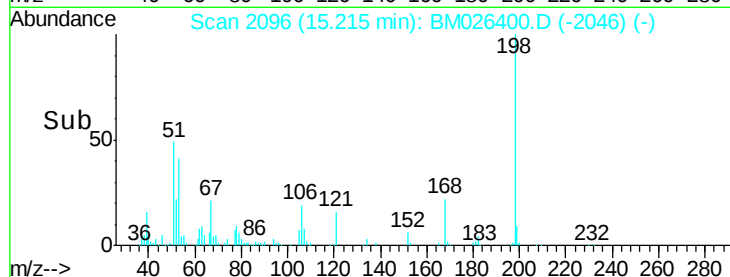
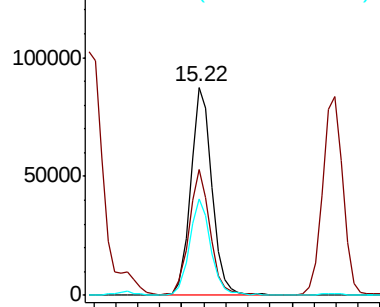
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 60.8  | 35.6  | 75.6  |
| 105 | 46.7  | 24.3  | 64.3  |



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM026400.D (-2095) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.909 ng

RT: 15.34 min Scan# 2117

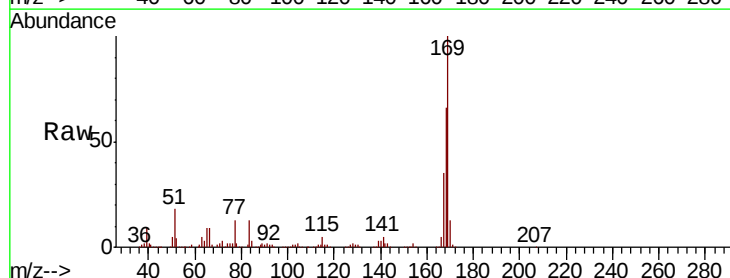
Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Tgt Ion:169 Resp: 571082

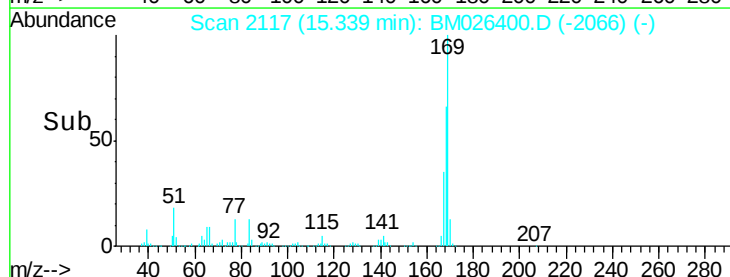
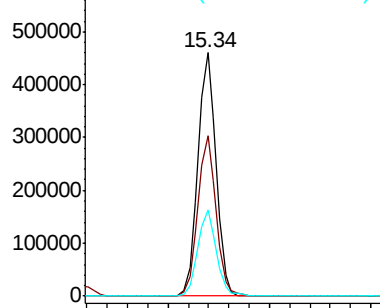
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 65.7  | 51.6  | 77.4  |
| 167 | 35.2  | 28.2  | 42.4  |

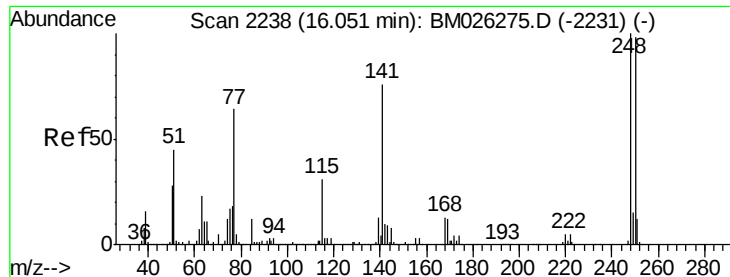


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

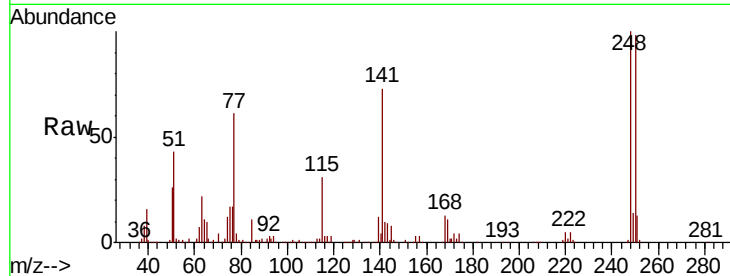




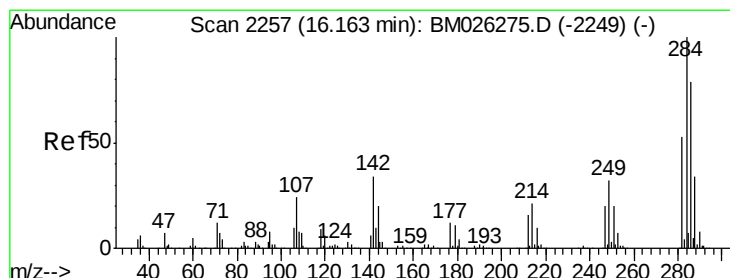
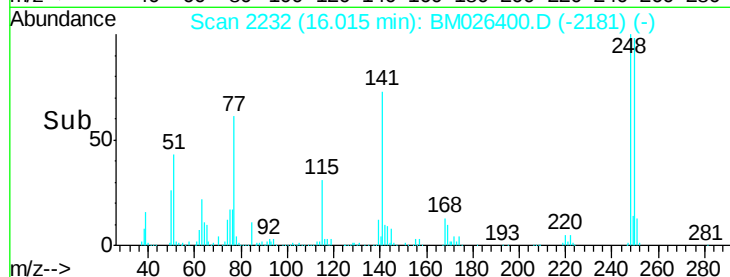
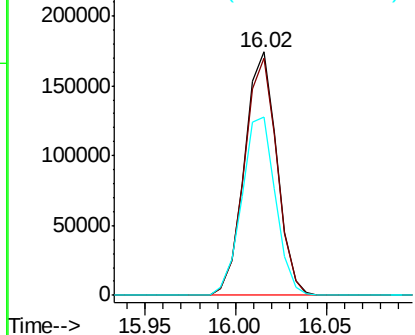
#67  
4-Bromophenyl-phenylether  
Concen: 39.847 ng  
RT: 16.02 min Scan# 2232  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:248 Resp: 216675  
Ion Ratio Lower Upper  
248 100  
250 97.7 78.4 117.6  
141 73.3 60.6 91.0

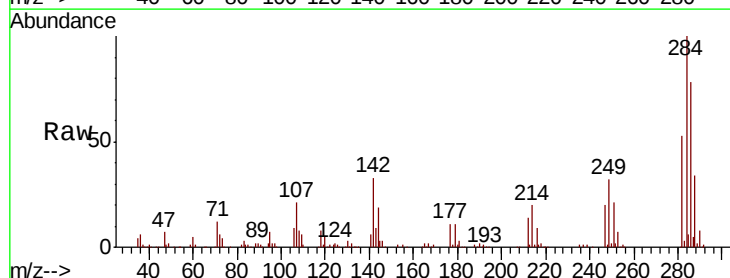


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

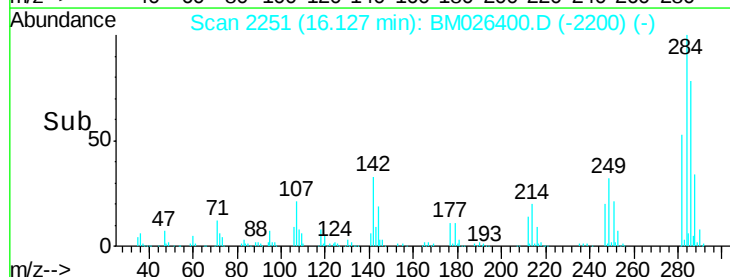
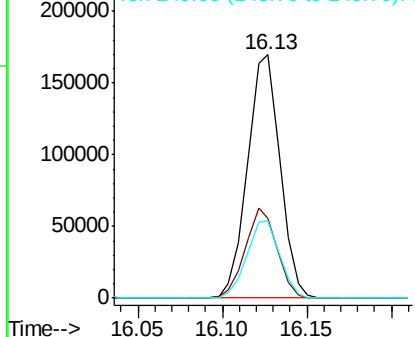


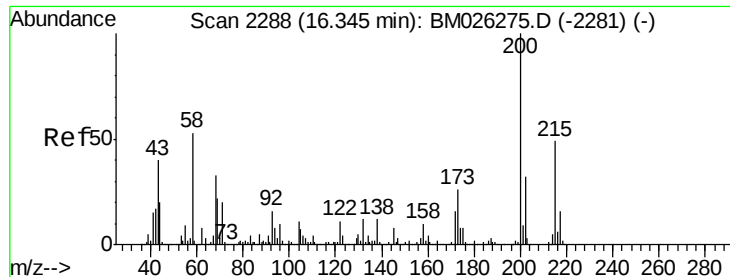
#68  
Hexachlorobenzene  
Concen: 40.222 ng  
RT: 16.13 min Scan# 2251  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Tgt Ion:284 Resp: 228225  
Ion Ratio Lower Upper  
284 100  
142 32.8 29.1 43.7  
249 31.6 27.2 40.8



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: 40.937 ng

RT: 16.31 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampleId :

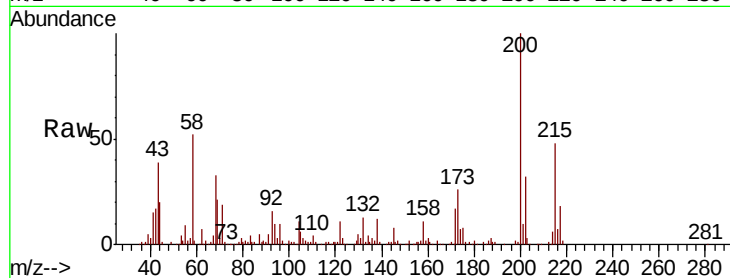
Tot Ion:200 Resp: 175008

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

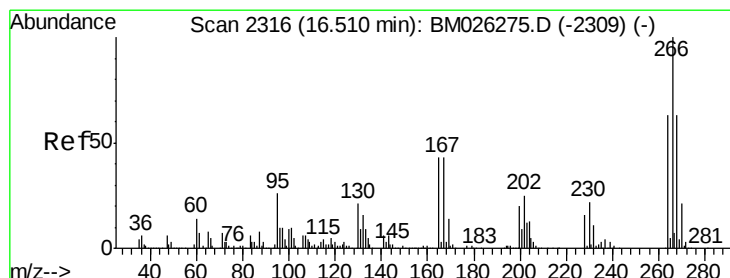
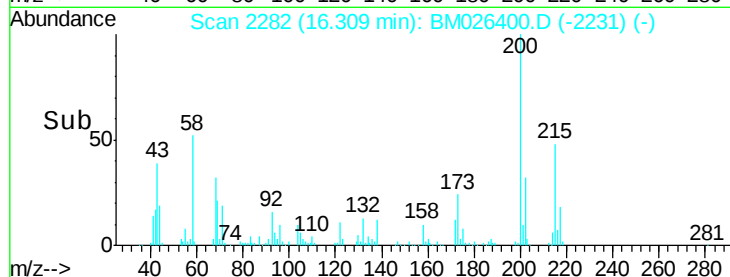
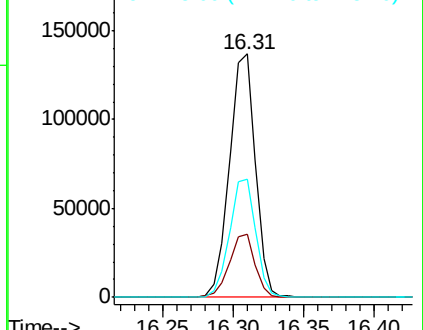
215 48.5 29.8 69.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 36.714 ng

RT: 16.47 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

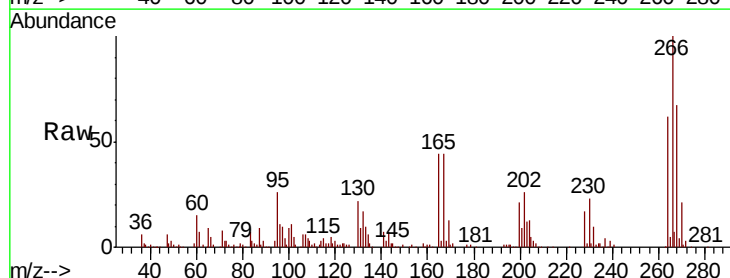
Tgt Ion:266 Resp: 125451

Ion Ratio Lower Upper

266 100

268 67.4 50.2 75.4

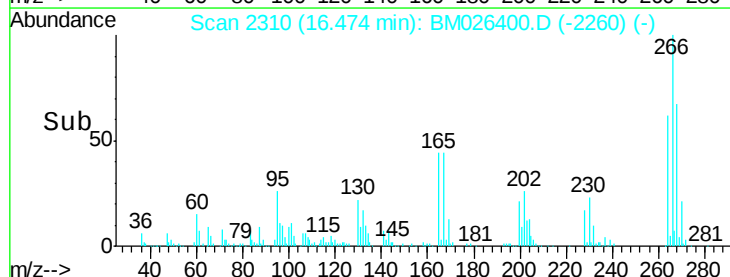
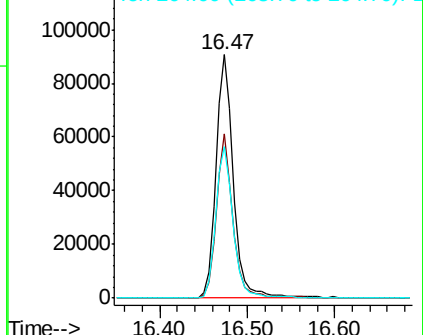
264 62.0 50.6 75.8

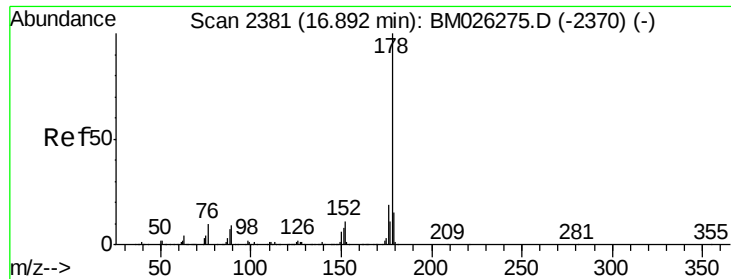


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

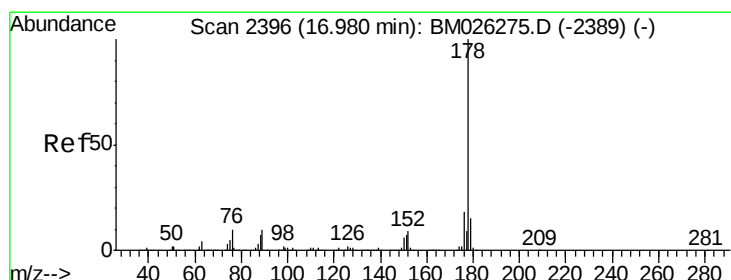
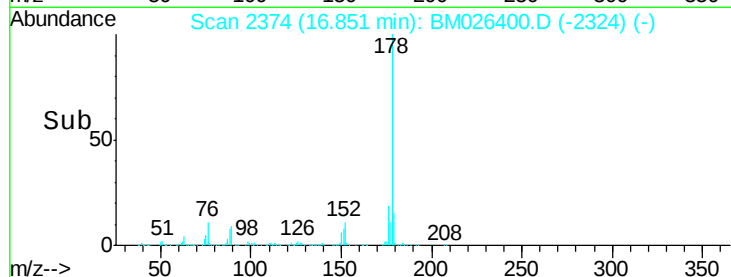
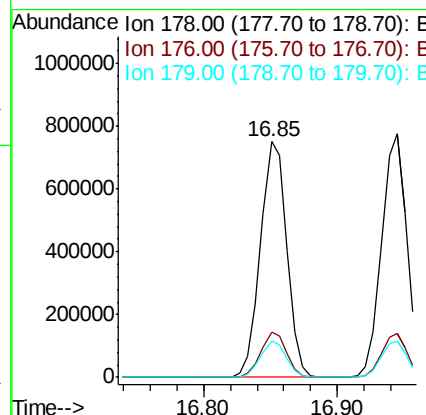
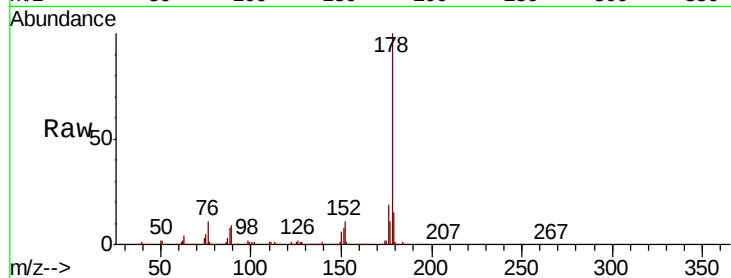




#71  
Phenanthrene  
Concen: 39.494 ng  
RT: 16.85 min Scan# 2374  
Delta R.T. -0.01 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

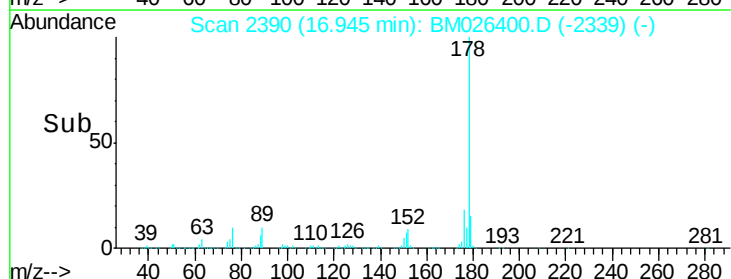
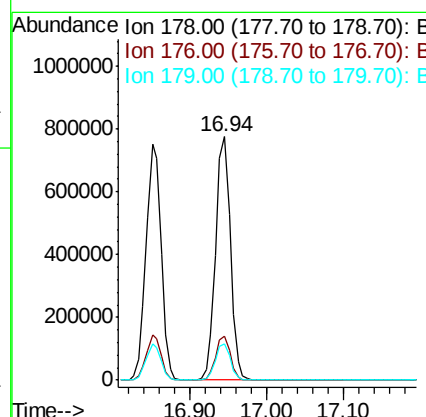
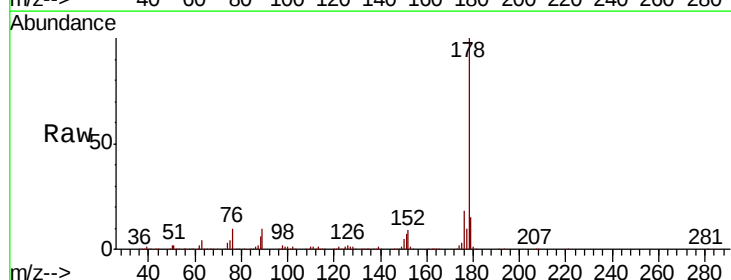
Instrument :  
BNA\_M  
ClientSampleId :

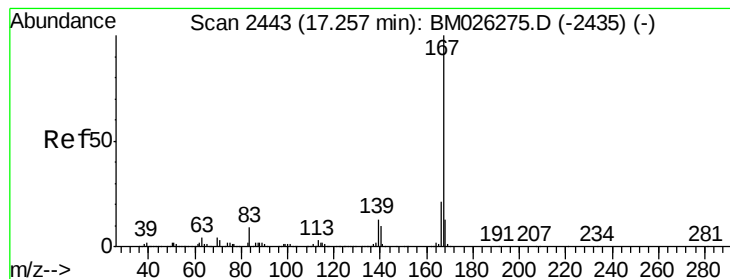
Tot Ion:178 Resp: 1015908  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.1 22.7  
179 15.3 12.3 18.5



#72  
Anthracene  
Concen: 39.685 ng  
RT: 16.94 min Scan# 2390  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Tgt Ion:178 Resp: 1018822  
Ion Ratio Lower Upper  
178 100  
176 18.1 14.5 21.7  
179 14.7 12.3 18.5





#73

Carbazole

Concen: 39.860 ng

RT: 17.22 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampleId :

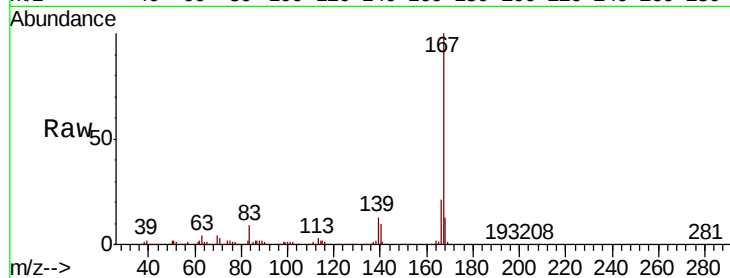
Tot Ion:167 Resp: 970407

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

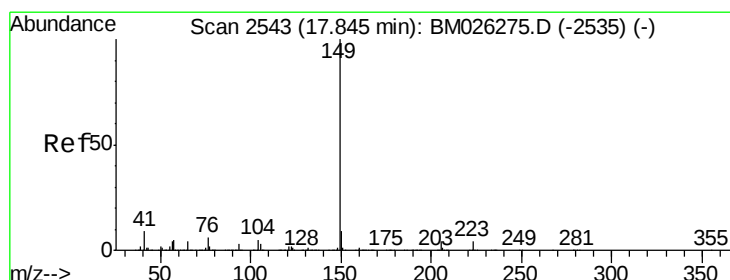
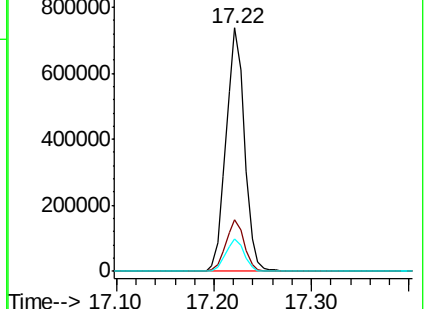
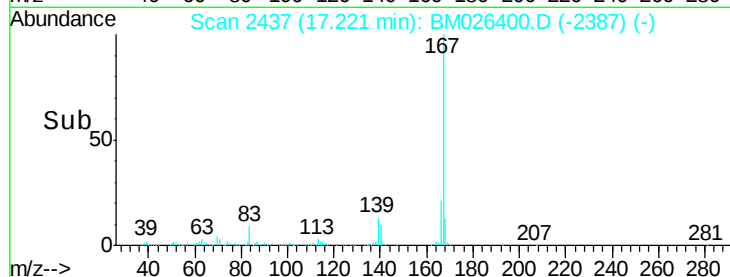
139 13.3 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.650 ng

RT: 17.80 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

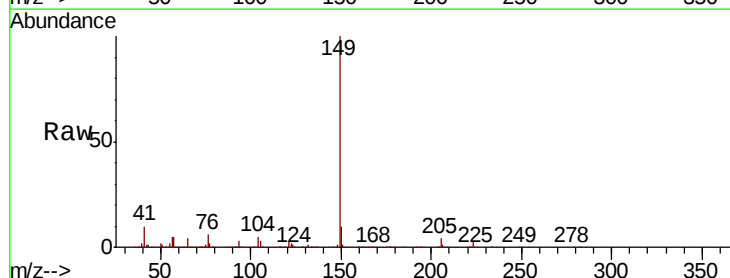
Tgt Ion:149 Resp: 1167108

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

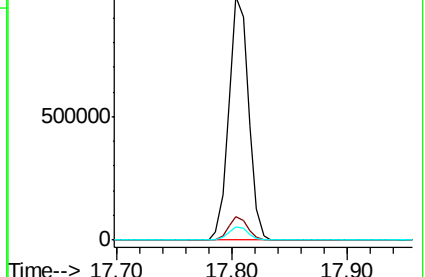
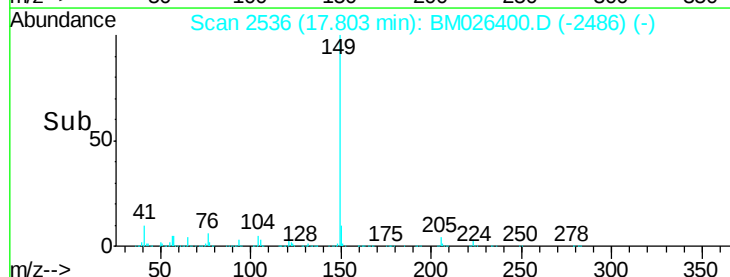
104 5.4 4.2 6.2

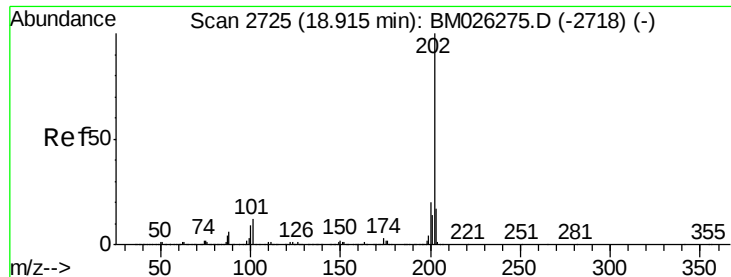


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

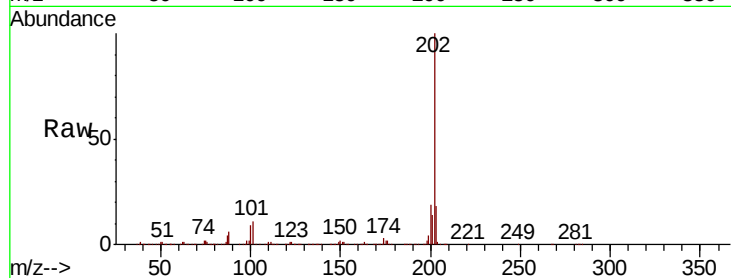




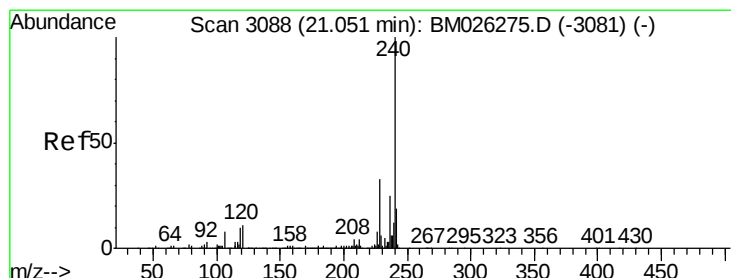
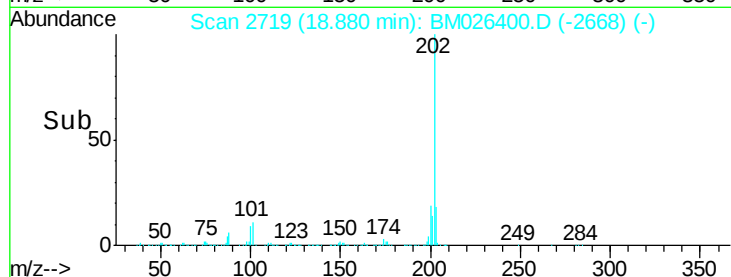
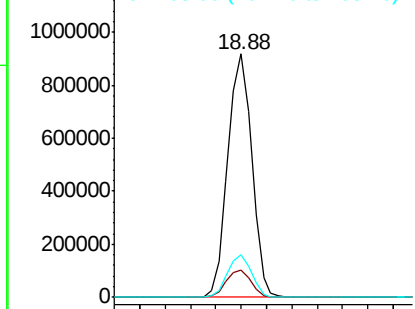
#75  
Fluoranthene  
Concen: 40.782 ng  
RT: 18.88 min Scan# 2719  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:202 Resp: 1202726  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 31.9  
203 17.5 0.0 37.5

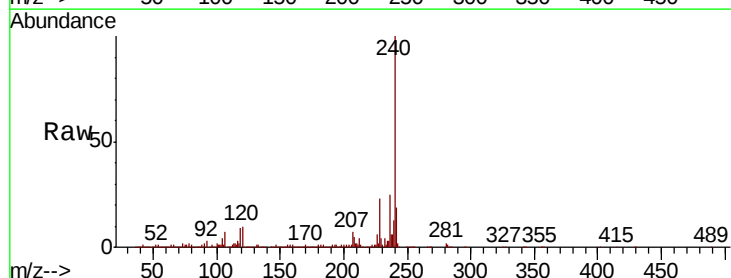


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

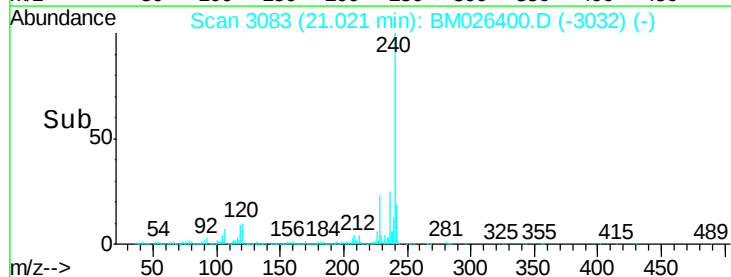
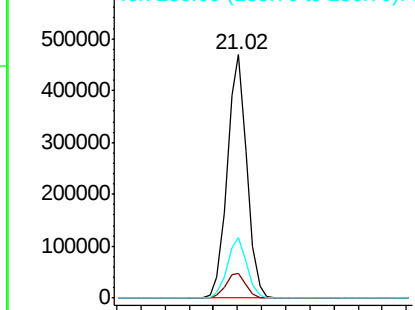


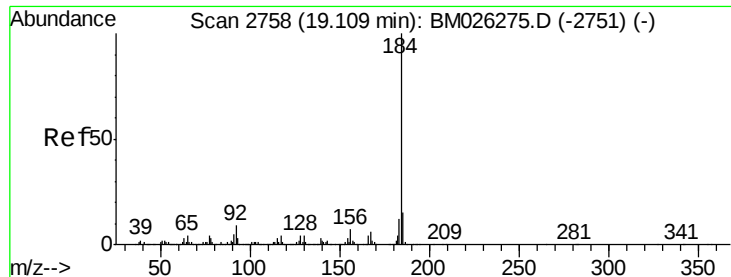
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.02 min Scan# 3083  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Tgt Ion:240 Resp: 523710  
Ion Ratio Lower Upper  
240 100  
120 10.3 9.3 13.9  
236 24.7 19.4 29.0



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: 38.587 ng

RT: 19.08 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampleId :

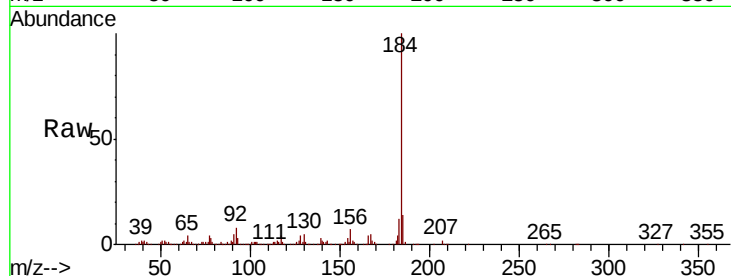
Tot Ion:184 Resp: 419760

Ion Ratio Lower Upper

184 100

185 13.5 11.2 16.8

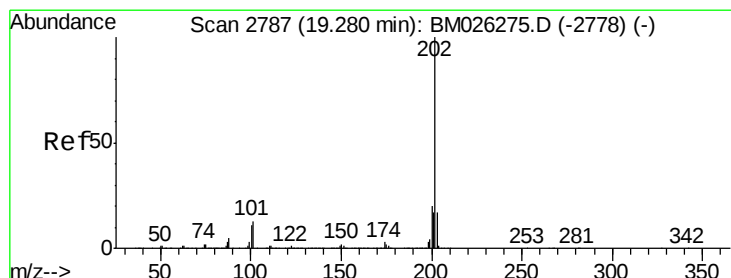
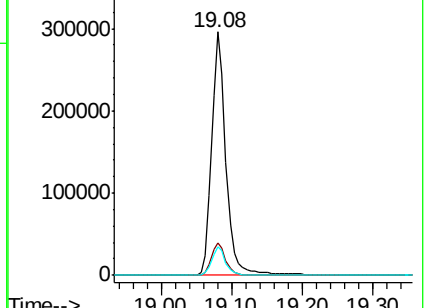
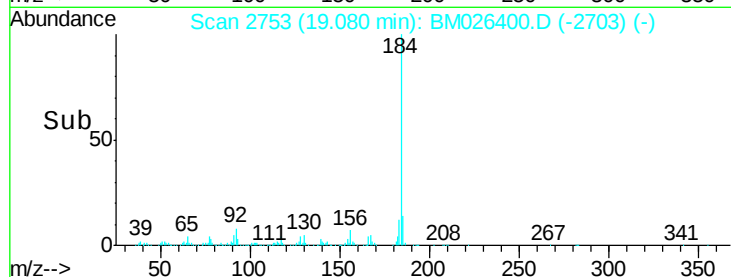
183 11.6 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.914 ng

RT: 19.24 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

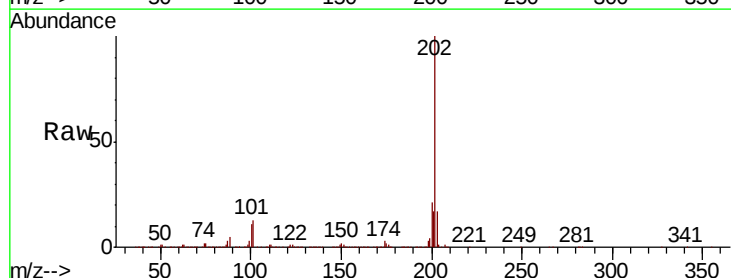
Tgt Ion:202 Resp: 1242751

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

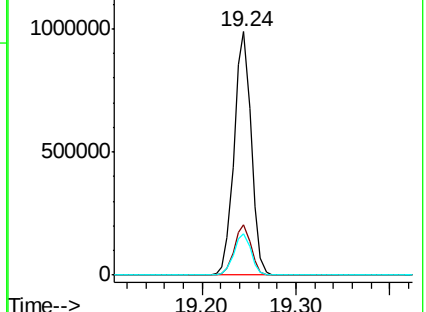
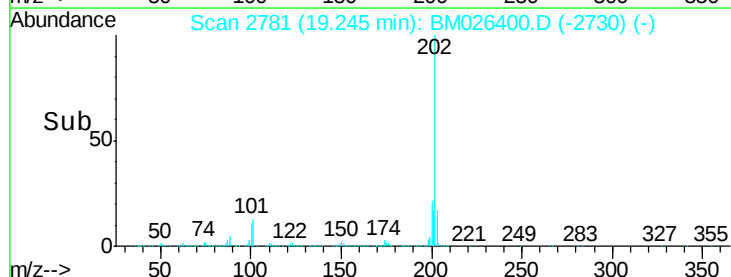
203 17.2 13.8 20.6

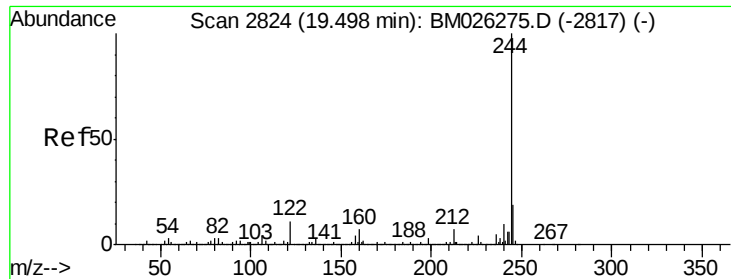


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

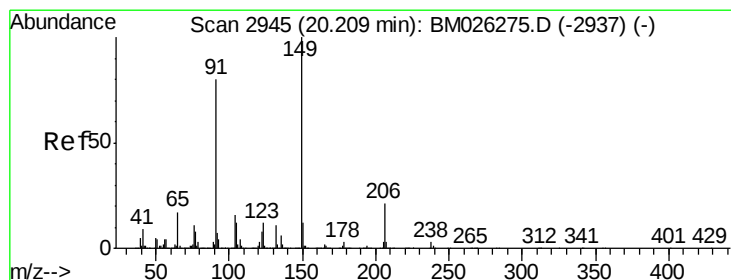
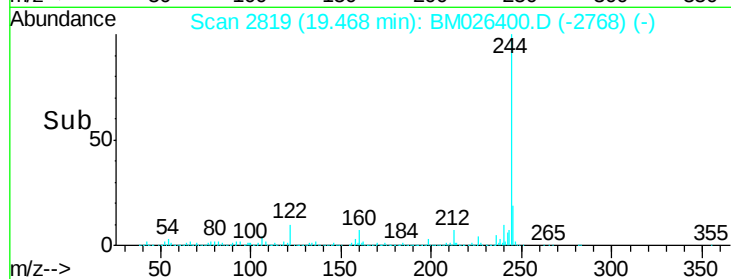
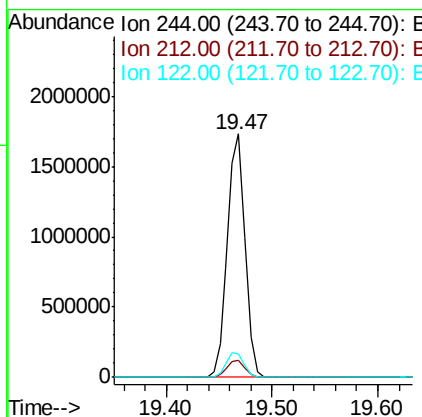
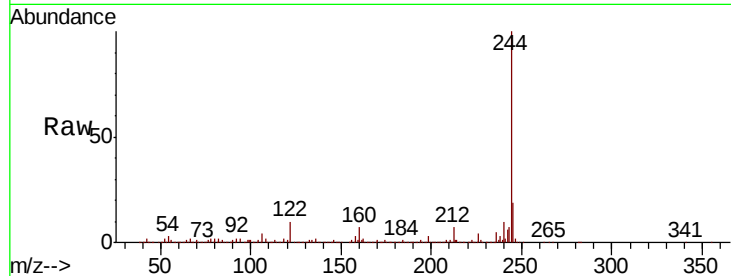




#79  
 Terphenyl-d14  
 Concen: 74.019 ng  
 RT: 19.47 min Scan# 2819  
 Delta R.T. 0.00 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

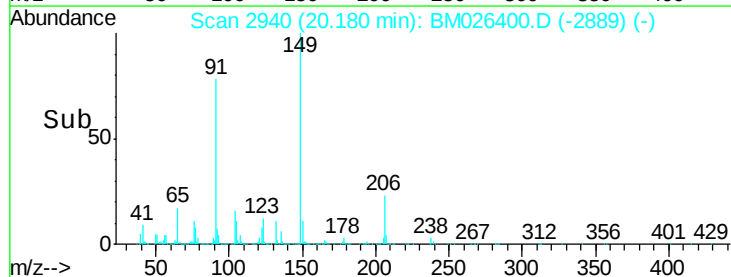
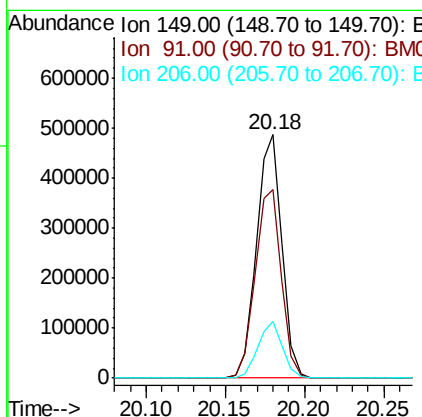
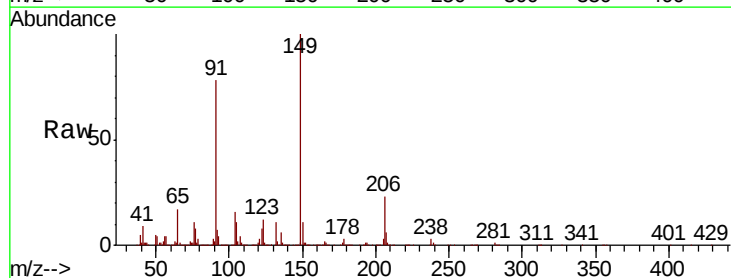
Instrument :  
 BNA\_M  
 ClientSampleId :

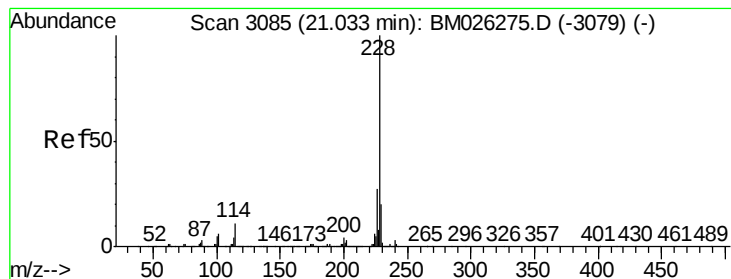
Tot Ion:244 Resp: 1996968  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.9 8.9  
 122 9.8 8.6 13.0



#80  
 Butylbenzylphthalate  
 Concen: 38.644 ng  
 RT: 20.18 min Scan# 2940  
 Delta R.T. 0.00 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

Tgt Ion:149 Resp: 540754  
 Ion Ratio Lower Upper  
 149 100  
 91 77.6 64.6 97.0  
 206 23.2 17.6 26.4





#81

Benzo(a)anthracene

Concen: 39.541 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampled :

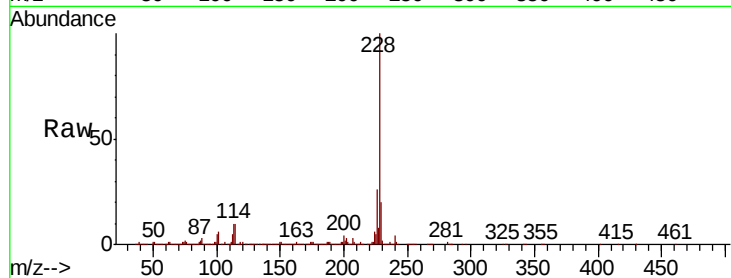
Tot Ion:228 Resp: 1242993

Ion Ratio Lower Upper

228 100

226 26.4 21.1 31.7

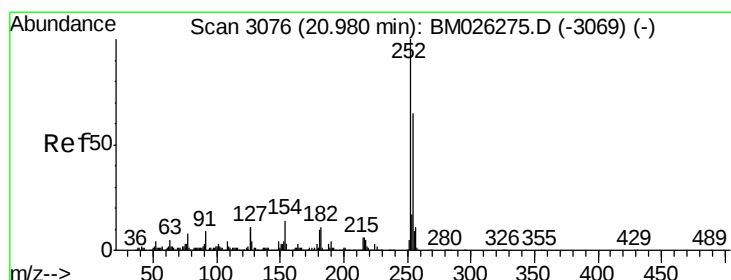
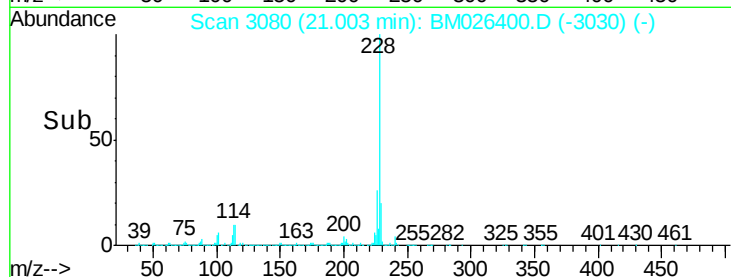
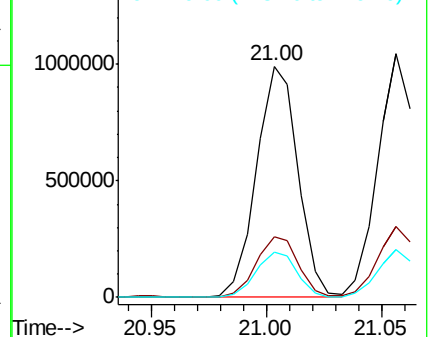
229 19.7 15.7 23.5



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: 44.843 ng

RT: 20.95 min Scan# 3071

Delta R.T. 0.00 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

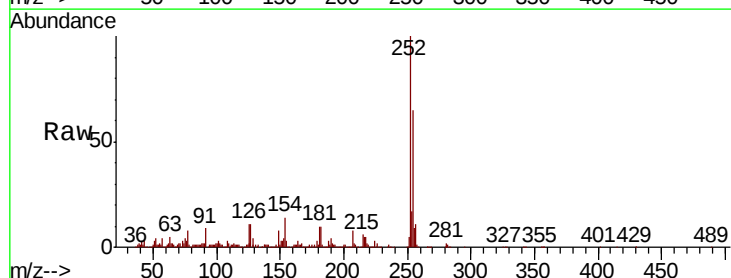
Tgt Ion:252 Resp: 436133

Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.6

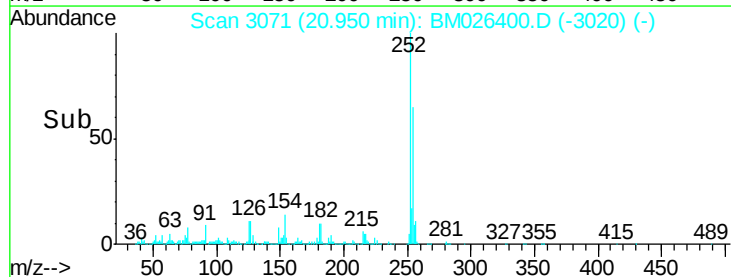
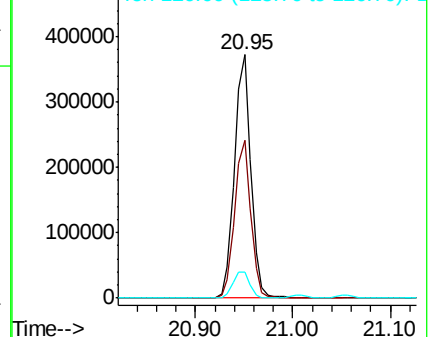
126 10.8 9.2 13.8

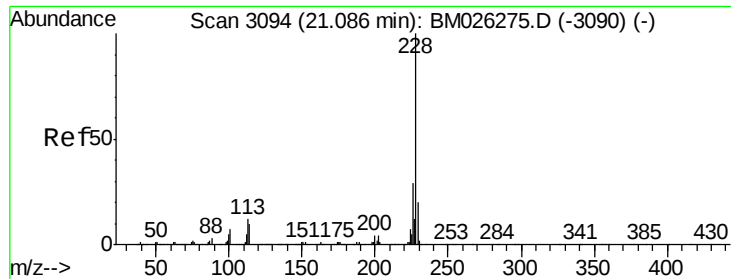


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

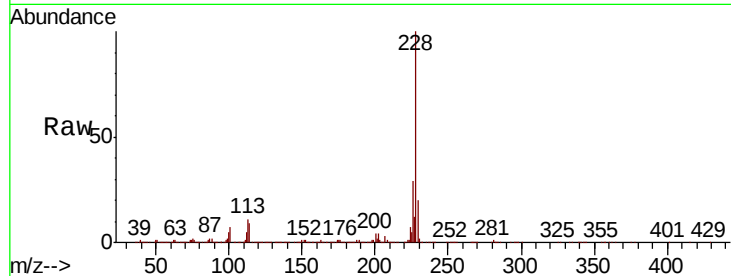




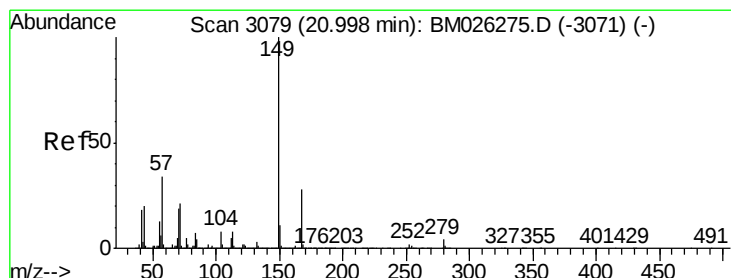
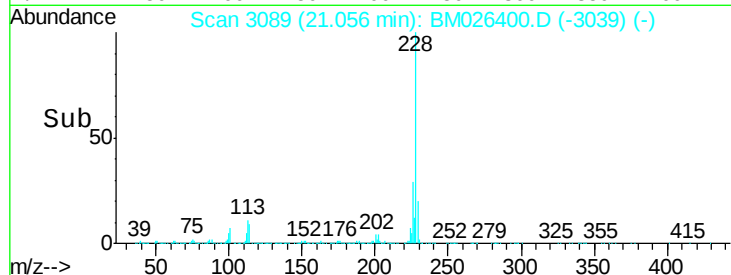
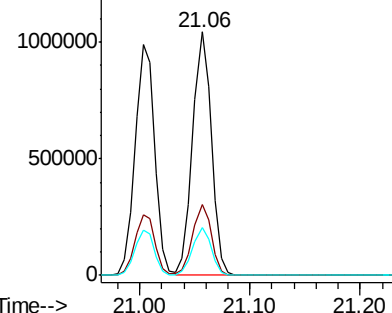
#83  
Chrysene  
Concen: 40.160 ng  
RT: 21.06 min Scan# 3089  
Delta R.T. -0.01 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:228 Resp: 1203047  
Ion Ratio Lower Upper  
228 100  
226 29.3 23.8 35.6  
229 19.5 15.5 23.3

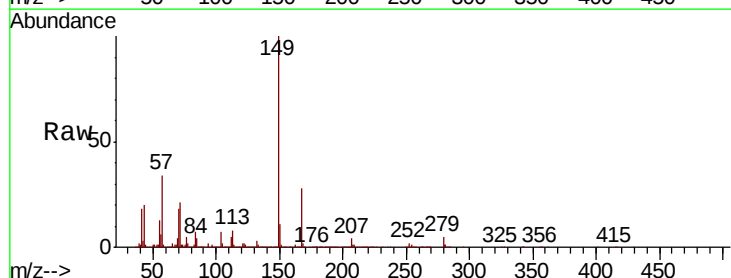


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

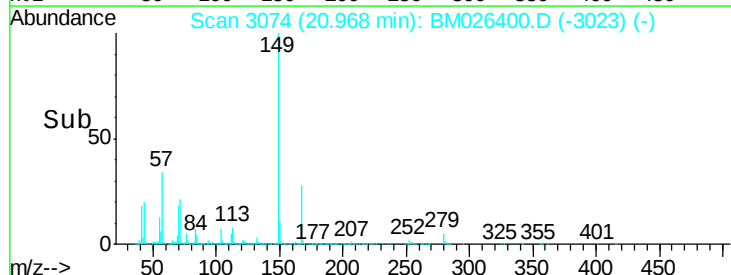
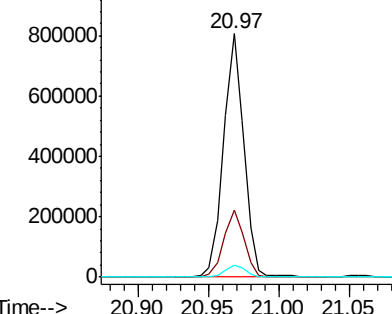


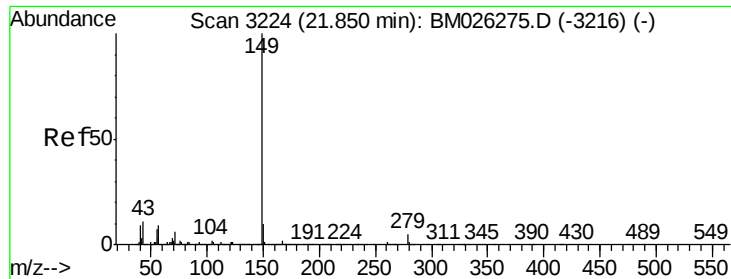
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.336 ng  
RT: 20.97 min Scan# 3074  
Delta R.T. 0.00 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Tgt Ion:149 Resp: 804795  
Ion Ratio Lower Upper  
149 100  
167 27.5 22.0 33.0  
279 4.7 3.7 5.5



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

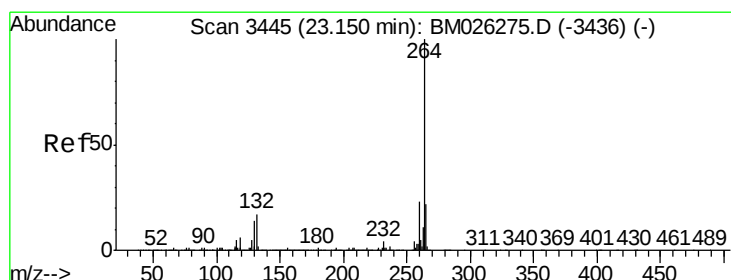
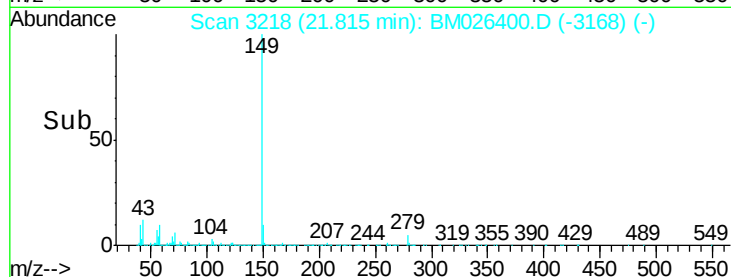
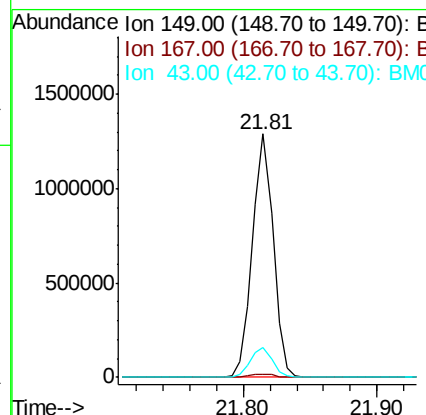
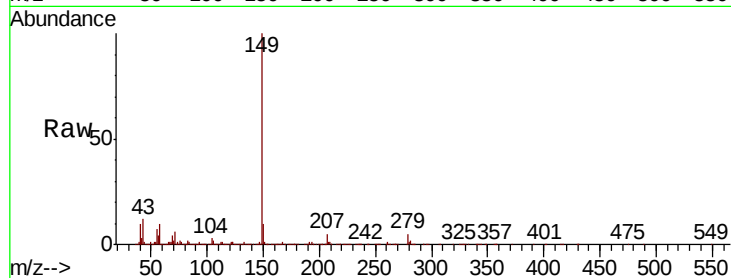




#85  
Di-n-octyl phthalate  
Concen: 44.618 ng  
RT: 21.81 min Scan# 3218  
Delta R.T. -0.01 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

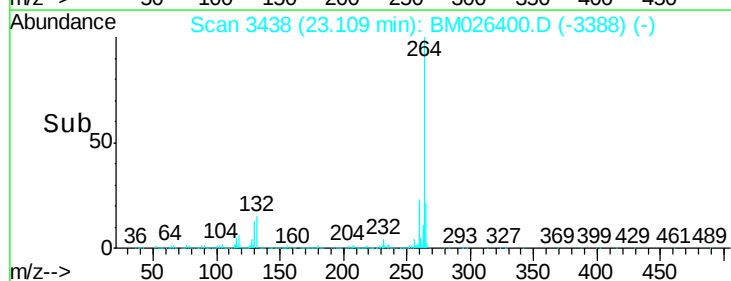
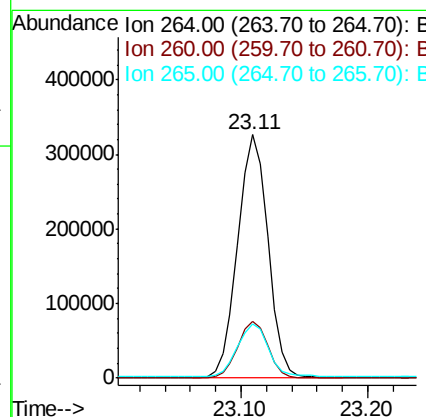
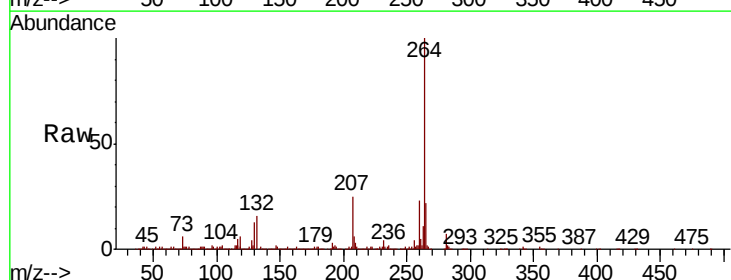
Instrument :  
BNA\_M  
ClientSampleId :

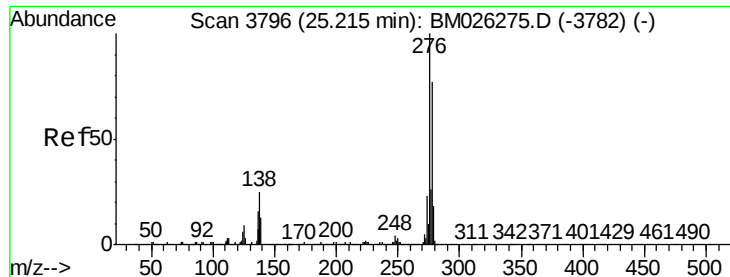
Tot Ion:149 Resp: 1373308  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 12.7 10.3 15.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.11 min Scan# 3438  
Delta R.T. -0.01 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Tgt Ion:264 Resp: 543055  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.6 28.0  
265 22.0 17.8 26.6

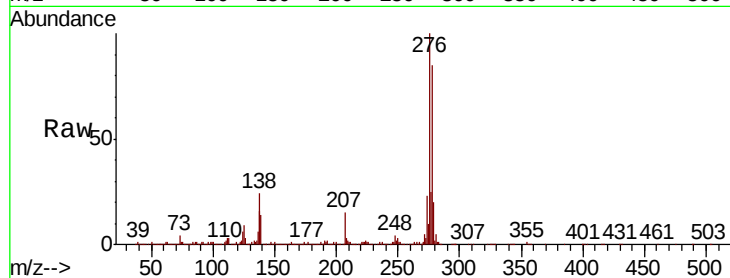




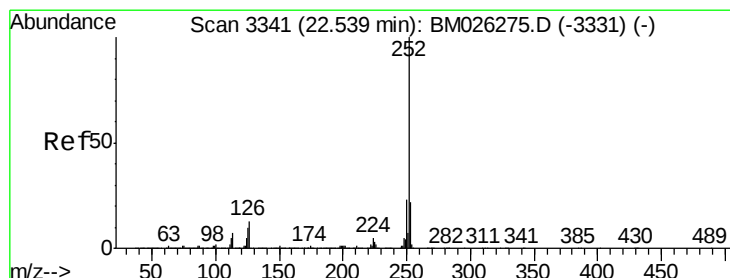
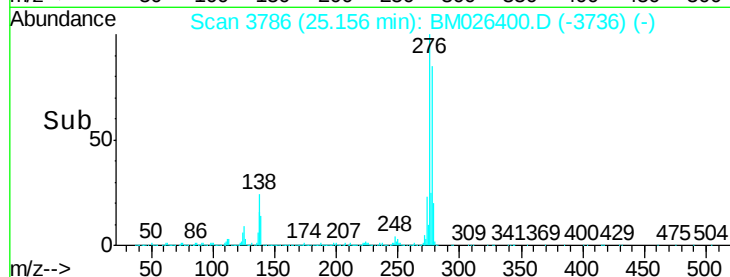
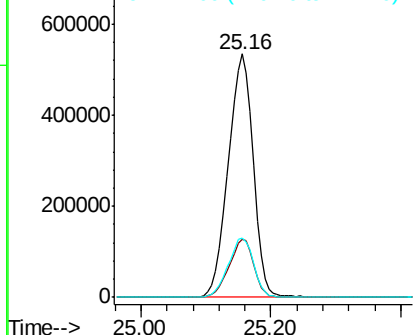
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.217 ng  
 RT: 25.16 min Scan# 3786  
 Delta R.T. -0.01 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:276 Resp: 1420437  
 Ion Ratio Lower Upper  
 276 100  
 138 23.7 19.0 28.6  
 277 24.9 20.2 30.4

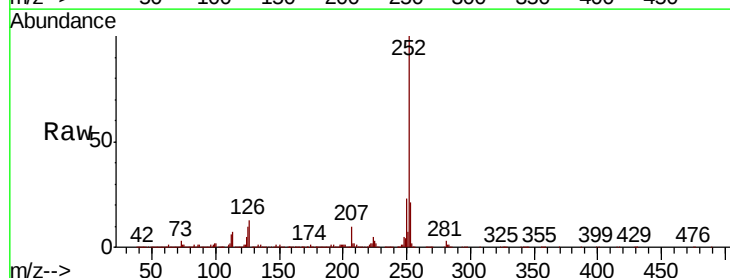


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

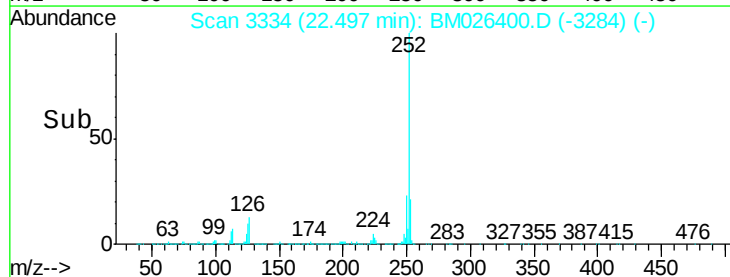
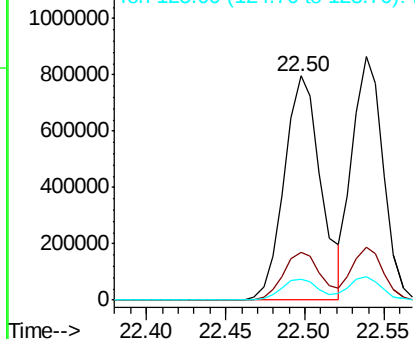


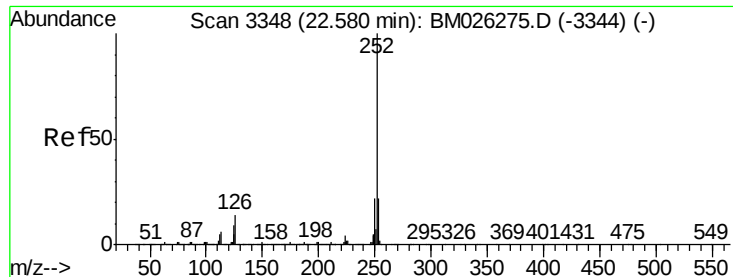
#88  
 Benzo(b)fluoranthene  
 Concen: 38.989 ng  
 RT: 22.50 min Scan# 3334  
 Delta R.T. -0.01 min  
 Lab File: BM026400.D  
 Acq: 15 Jun 2020 20:20

Tgt Ion:252 Resp: 1273677  
 Ion Ratio Lower Upper  
 252 100  
 253 21.3 17.6 26.4  
 125 9.6 8.0 12.0



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

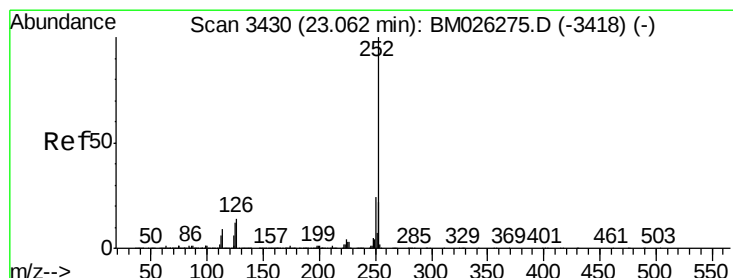
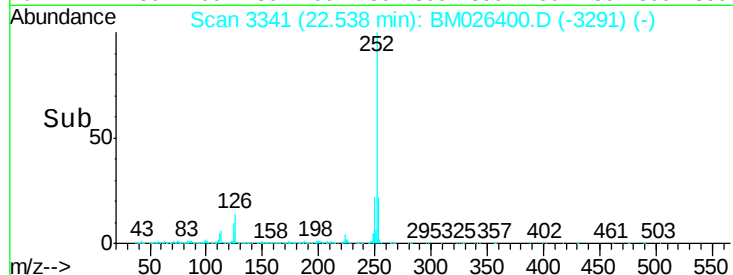
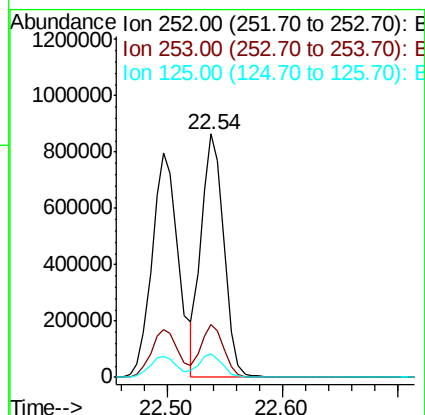
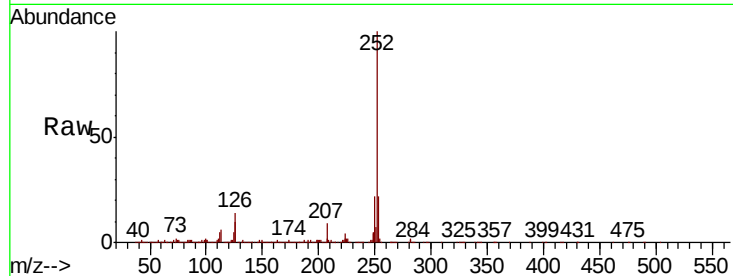




#89  
Benzo(k)fluoranthene  
Concen: 37.140 ng  
RT: 22.54 min Scan# 3341  
Delta R.T. -0.01 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

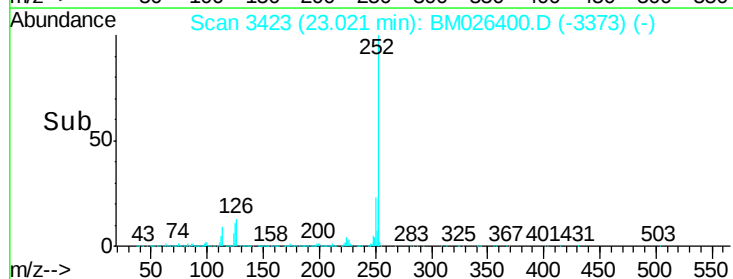
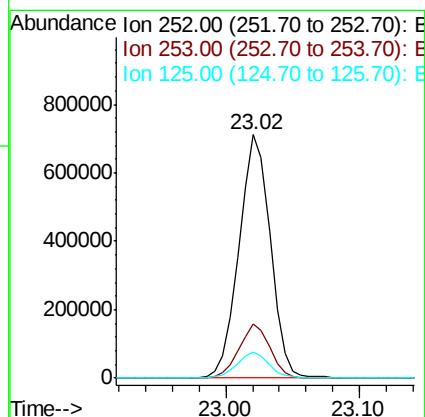
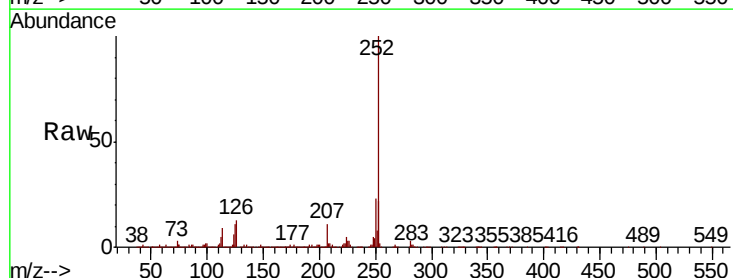
Instrument :  
BNA\_M  
ClientSampled :

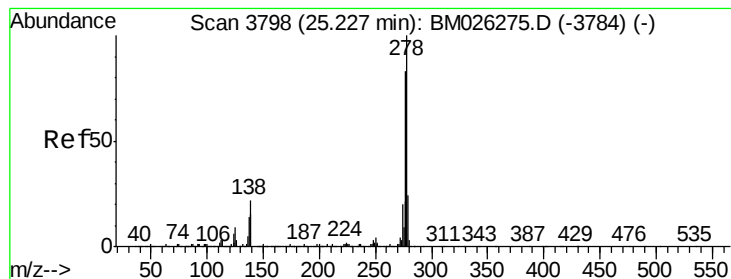
Tot Ion:252 Resp: 1178743  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.2 25.8  
125 9.7 7.8 11.8



#90  
Benzo(a)pyrene  
Concen: 39.792 ng  
RT: 23.02 min Scan# 3423  
Delta R.T. -0.01 min  
Lab File: BM026400.D  
Acq: 15 Jun 2020 20:20

Tgt Ion:252 Resp: 1154544  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.3 25.9  
125 10.8 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 45.172 ng

RT: 25.16 min Scan# 3787

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

Instrument :

BNA\_M

ClientSampleId :

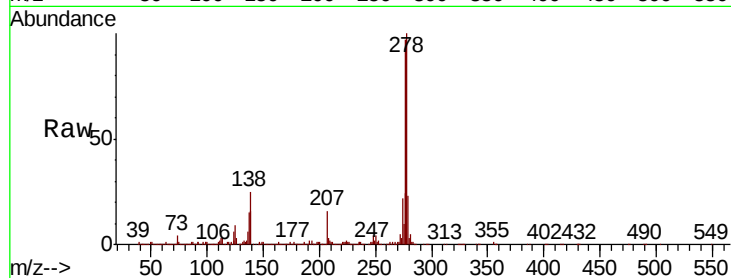
Tot Ion:278 Resp: 1184656

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.7  | 12.3  | 18.5  |
| 279 | 23.3  | 18.9  | 28.3  |

278 100

139 15.7 12.3 18.5

279 23.3 18.9 28.3

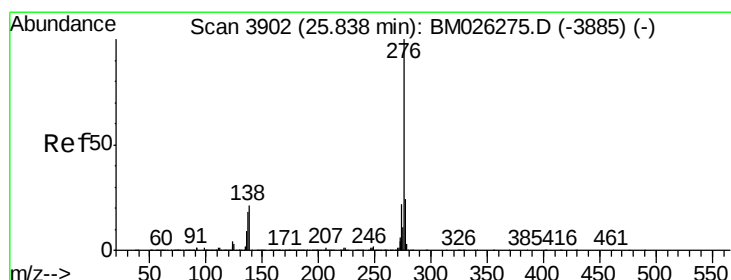
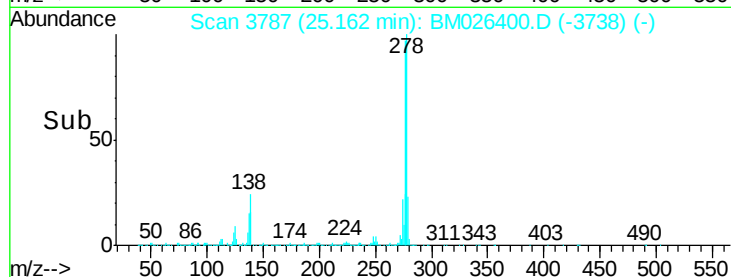
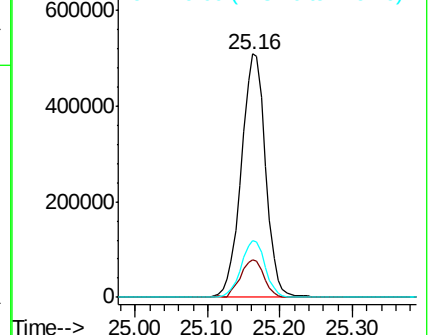


Abundance

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: 45.752 ng

RT: 25.77 min Scan# 3890

Delta R.T. -0.01 min

Lab File: BM026400.D

Acq: 15 Jun 2020 20:20

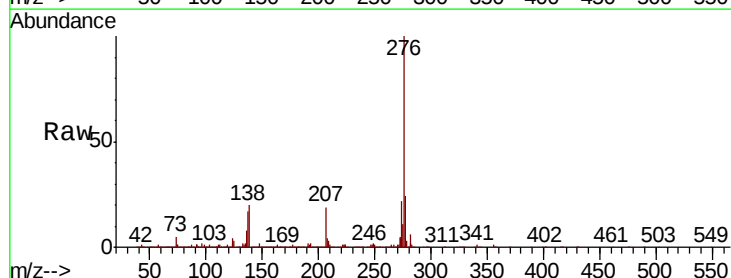
Tgt Ion:276 Resp: 1141805

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.1  | 19.0  | 28.4  |
| 138 | 19.9  | 16.2  | 24.4  |

276 100

277 24.1 19.0 28.4

138 19.9 16.2 24.4



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

