

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071420\  
 Data File : BM026764.D  
 Acq On : 14 Jul 2020 22:39  
 Operator : JU/CG  
 Sample : L1955-17  
 Misc : MDL-SOIL-ME-03  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 15 00:26:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 14 10:31:32 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.31  | 152  | 69734    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.06 | 136  | 273629   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 13.97 | 164  | 163944   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.73 | 188  | 327886   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 20.95 | 240  | 325562   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.02 | 264  | 388228   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.91  | 96  | 3811   | 1.64  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.52  | 99  | 177133 | 27.73 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.67  | 67  | 123381 | 28.57 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.85  | 132 | 139017 | 28.33 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.04  | 113 | 135281 | 26.49 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.45  | 128 | 64750  | 29.92 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.17  | 143 | 69722  | 30.21 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.71  | 165 | 128552 | 28.45 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.22 | 131 | 171741 | 36.10 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.40 | 166 | 384235 | 29.38 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.65 | 160 | 466280 | 29.51 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.24 | 143 | 43239  | 22.91 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 14.98 | 176 | 322183 | 28.14 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.13 | 200 | 55796  | 27.24 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.83 | 188 | 483816 | 29.96 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.14 | 212 | 533211 | 31.52 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 22.89 | 264 | 583302 | 27.84 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       | Ovalue |           |
|--------------------------------|-------|-----|-------|--------|-----------|
| 2) 1,4-Dioxane                 | 2.94  | 88  | 3856  | 1.535  | ng/uL 99  |
| 4) Benzaldehyde                | 6.48  | 77  | 11220 | 3.308  | ng/ul 90  |
| 6) Phenol                      | 6.55  | 94  | 25435 | 3.623  | ng/ul# 89 |
| 8) Bis(2-Chloroethyl)ether     | 6.76  | 93  | 20348 | 3.806  | ng/ul 95  |
| 10) 2-Chlorophenol             | 6.88  | 128 | 19468 | 3.599  | ng/ul 95  |
| 11) 2-Methylphenol             | 7.78  | 108 | 15828 | 3.155  | ng/ul 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 7.84  | 45  | 39971 | 3.854  | ng/ul 100 |
| 14) Acetophenone               | 8.13  | 105 | 30116 | 3.480  | ng/ul 91  |
| 15) N-Nitroso-di-n-propylamine | 8.12  | 70  | 17589 | 3.440  | ng/ul 96  |
| 16) 4-Methylphenol             | 8.11  | 108 | 19454 | 3.489  | ng/ul 94  |
| 17) Hexachloroethane           | 8.35  | 117 | 9032  | 3.768  | ng/ul 90  |
| 20) Nitrobenzene               | 8.50  | 77  | 27031 | 3.961  | ng/ul 93  |
| 21) Isophorone                 | 9.02  | 82  | 42046 | 3.665  | ng/ul 98  |
| 23) 2-Nitrophenol              | 9.20  | 139 | 10005 | 3.748  | ng/ul# 89 |
| 24) 2,4-Dimethylphenol         | 9.28  | 107 | 21717 | 3.532  | ng/ul 94  |
| 25) Bis(2-Chloroethoxy)methane | 9.51  | 93  | 25552 | 3.746  | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 9.74  | 162 | 17739 | 3.799  | ng/ul 92  |
| 28) Naphthalene                | 10.11 | 128 | 61728 | 3.811  | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.24 | 127 | 23255 | 4.600  | ng/ul 99  |
| 31) Hexachlorobutadiene        | 10.40 | 225 | 13074 | 3.864  | ng/ul 92  |
| 32) Caprolactam                | 11.07 | 113 | 3173  | 2.461  | ng/ul 84  |
| 33) 4-Chloro-3-methylphenol    | 11.40 | 107 | 16496 | 3.105  | ng/ul 98  |
| 34) 2-Methylnaphthalene        | 11.74 | 142 | 39853 | 3.512  | ng/ul 95  |

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Quant Time: Jul 15 00:26:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 14 10:31:32 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 35) 1-Methylnaphthalene        | 11.97 | 142  | 38579    | 3.648 | ng/ul  | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.13 | 216  | 22143    | 3.716 | ng/ul  | 98       |
| 38) Hexachlorocyclopentadiene  | 12.10 | 237  | 3606     | 1.186 | ng/ul# | 87       |
| 39) 2,4,6-Trichlorophenol      | 12.40 | 196  | 12177    | 3.462 | ng/ul  | 96       |
| 40) 2,4,5-Trichlorophenol      | 12.48 | 196  | 12552    | 3.263 | ng/ul  | 92       |
| 41) 1,1'-Biphenyl              | 12.79 | 154  | 51574    | 3.634 | ng/ul  | 96       |
| 42) 2-Chloronaphthalene        | 12.82 | 162  | 40093    | 3.589 | ng/ul  | 97       |
| 43) 2-Nitroaniline             | 13.07 | 65   | 11235    | 2.992 | ng/ul  | 91       |
| 45) Dimethylphthalate          | 13.45 | 163  | 51230    | 3.743 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 13.57 | 165  | 8343     | 3.154 | ng/ul  | 94       |
| 48) Acenaphthylene             | 13.68 | 152  | 61041    | 3.607 | ng/ul  | 98       |
| 49) 3-Nitroaniline             | 13.92 | 138  | 6424     | 2.921 | ng/ul# | 82       |
| 50) Acenaphthene               | 14.04 | 153  | 43029    | 3.597 | ng/ul  | 97       |
| 51) 2,4-Dinitrophenol          | 14.14 | 184  | 3153     | 2.294 | ng/ul  | 100      |
| 53) 4-Nitrophenol              | 14.25 | 109  | 6330     | 3.259 | ng/ul  | 86       |
| 54) Dibenzofuran               | 14.38 | 168  | 61566    | 3.627 | ng/ul  | 97       |
| 55) 2,4-Dinitrotoluene         | 14.38 | 165  | 13189    | 3.352 | ng/ul# | 72       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.62 | 232  | 11604    | 3.504 | ng/ul  | 92       |
| 57) Diethylphthalate           | 14.84 | 149  | 51162    | 3.719 | ng/ul  | 100      |
| 59) Fluorene                   | 15.03 | 166  | 48884    | 3.525 | ng/ul  | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.04 | 204  | 26836    | 3.723 | ng/ul  | 96       |
| 61) 4-Nitroaniline             | 15.09 | 138  | 4188     | 1.684 | ng/ul  | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 15.15 | 198  | 8343     | 3.845 | ng/ul# | 85       |
| 65) N-Nitrosodiphenylamine     | 15.26 | 169  | 40748    | 3.717 | ng/ul  | 99       |
| 66) 4-Bromophenyl-phenylether  | 15.94 | 248  | 15761    | 3.987 | ng/ul  | 99       |
| 67) Hexachlorobenzene          | 16.04 | 284  | 17259    | 3.832 | ng/ul  | 93       |
| 68) Atrazine                   | 16.23 | 200  | 14074    | 3.940 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 16.41 | 266  | 5668     | 2.552 | ng/ul  | 94       |
| 70) Phenanthrene               | 16.77 | 178  | 77828    | 3.812 | ng/ul  | 98       |
| 72) Anthracene                 | 16.87 | 178  | 79537    | 3.861 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.75 | 216  | 22777    | 4.029 | ng/uL  | 91       |
| 74) Pentachlorobenzene         | 14.30 | 250  | 22267    | 4.112 | ng/uL  | 99       |
| 75) Carbazole                  | 17.15 | 167  | 59655    | 3.617 | ng/ul  | 97       |
| 76) Di-n-butylphthalate        | 17.73 | 149  | 72199    | 3.618 | ng/ul  | 99       |
| 77) Fluoranthene               | 18.81 | 202  | 84805    | 4.015 | ng/ul# | 97       |
| 80) Pvrene                     | 19.17 | 202  | 92256    | 3.999 | ng/ul  | 98       |
| 81) Butylbenzylphthalate       | 20.11 | 149  | 31564    | 3.856 | ng/ul  | 99       |
| 82) 3,3'-Dichlorobenzidine     | 20.89 | 252  | 19945    | 3.039 | ng/ul  | 96       |
| 83) Benzo(a)anthracene         | 20.94 | 228  | 92073    | 4.108 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 20.90 | 149  | 44224    | 3.628 | ng/ul  | 97       |
| 85) Chrysene                   | 20.99 | 228  | 86628    | 3.896 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 21.75 | 149  | 76530    | 3.199 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.42 | 252  | 92816    | 3.520 | ng/ul  | 97       |
| 89) Benzo(k)fluoranthene       | 22.45 | 252  | 93254    | 3.568 | ng/ul  | 98       |
| 91) Benzo(a)pyrene             | 22.93 | 252  | 95235    | 4.071 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.01 | 276  | 108358   | 3.549 | ng/ul  | 97       |
| 93) Dibenzo(a,h)anthracene     | 25.02 | 278  | 90736    | 3.528 | ng/ul  | 98       |
| 94) Benzo(a,h,i)perylene       | 25.62 | 276  | 92056    | 3.615 | ng/ul  | 97       |
| -----                          |       |      |          |       |        |          |

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Sample : L1955-17  
Misc : MDL-SOIL-ME-03  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

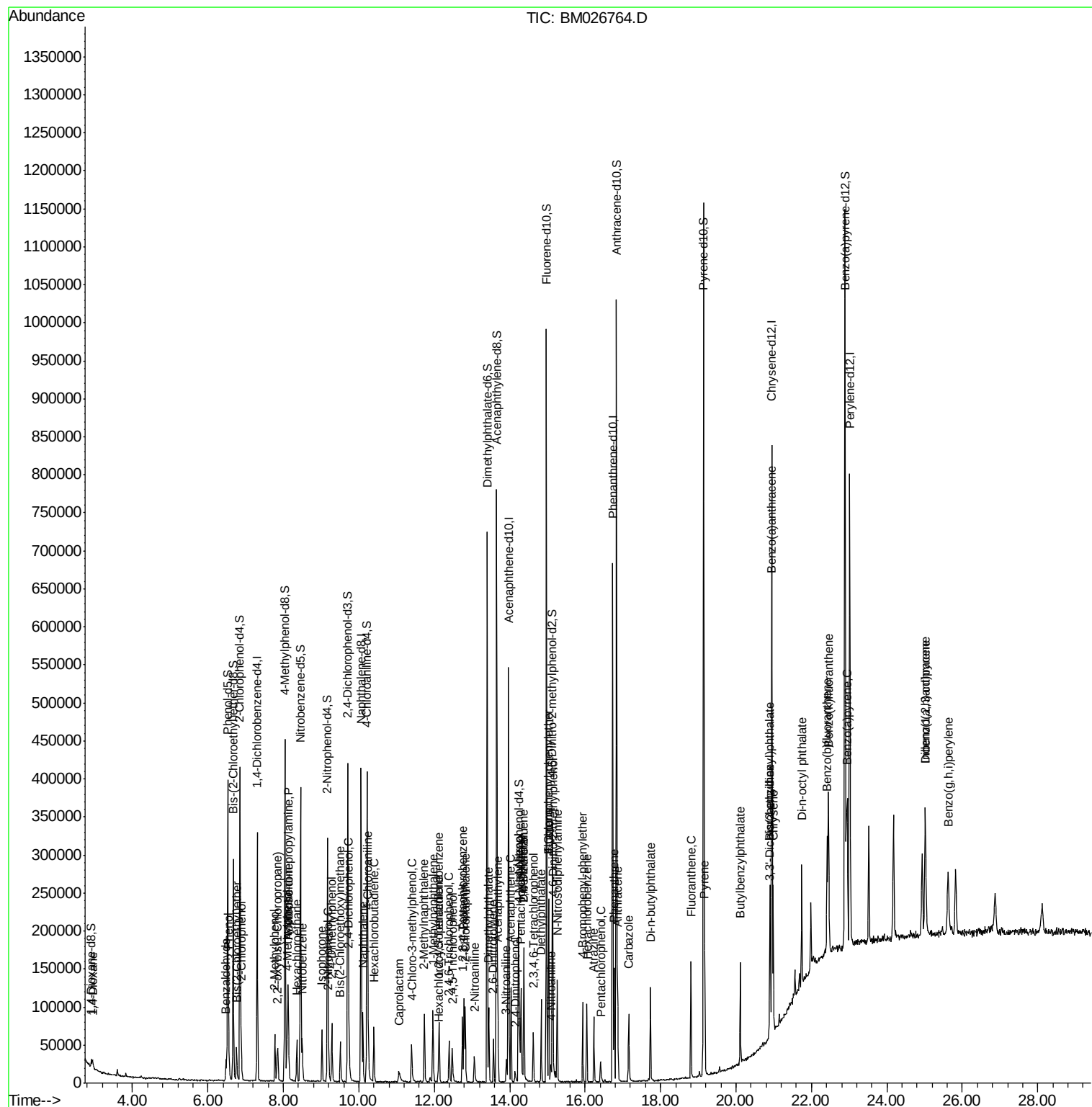
Quant Time: Jul 15 00:26:16 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
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QLast Update : Tue Jul 14 10:31:32 2020  
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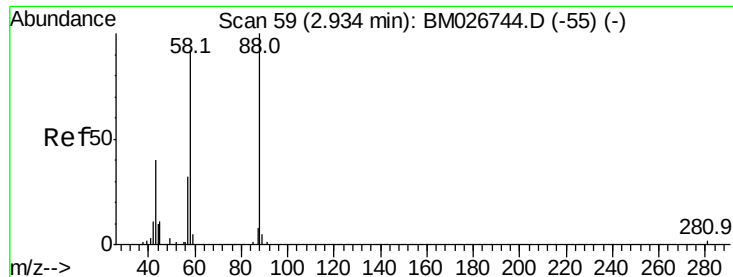
| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jul 14 10:31:32 2020  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.535 ng/uL

RT: 2.94 min Scan# 35

Delta R.T. 0.01 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

BNA\_M

ClientSampleId :

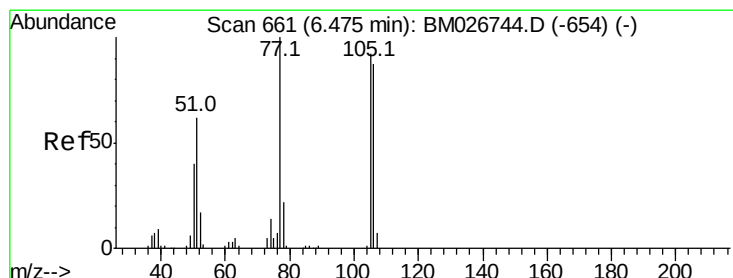
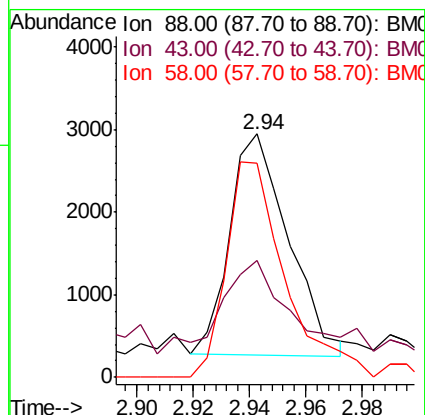
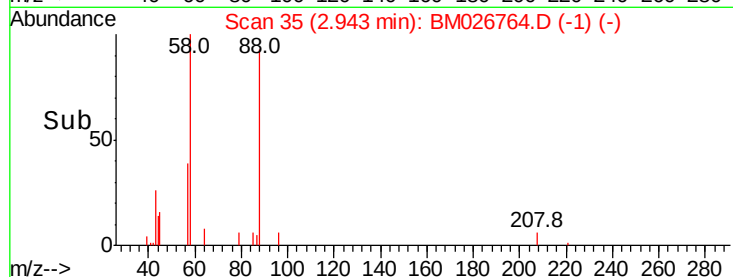
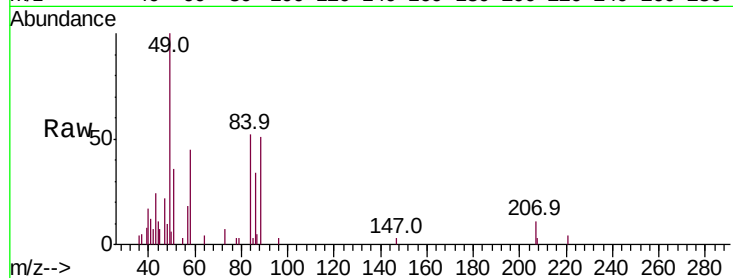
Tot Ion: 88 Resp: 3856

Ion Ratio Lower Upper

88 100

43 47.8 38.2 57.2

58 87.9 68.9 103.3



#4

Benzaldehyde

Concen: 3.308 ng/uL

RT: 6.48 min Scan# 636

Delta R.T. 0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

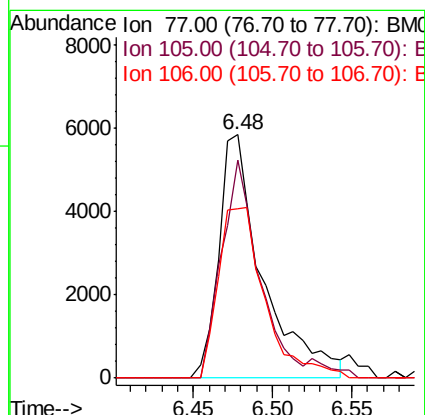
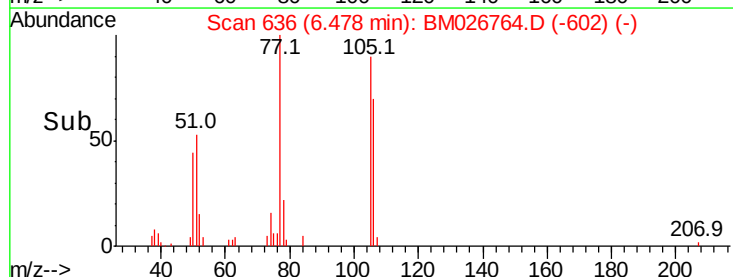
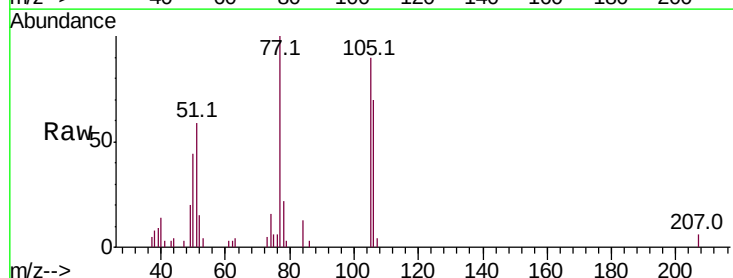
Tgt Ion: 77 Resp: 11220

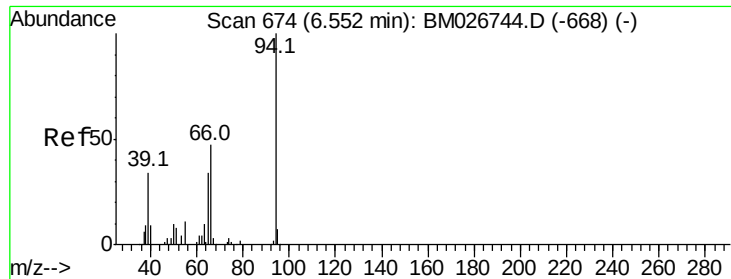
Ion Ratio Lower Upper

77 100

105 89.8 67.5 101.3

106 69.7 66.2 99.4





#6

Phenol

Concen: 3.623 ng/ul

RT: 6.55 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

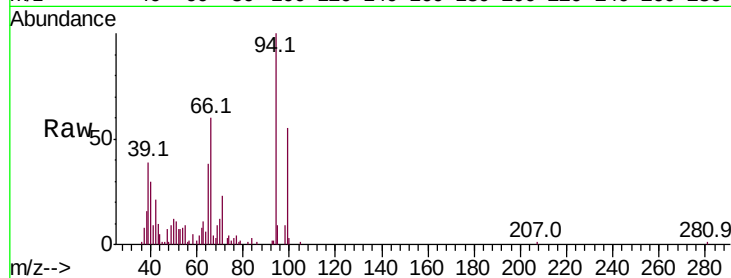
BNA\_M

ClientSampled :

Tot Ion: 94 Resp: 25435

Ion Ratio Lower Upper

|    |      |      |       |
|----|------|------|-------|
| 94 | 100  |      |       |
| 65 | 38.1 | 27.8 | 41.8  |
| 66 | 59.9 | 39.9 | 59.9# |

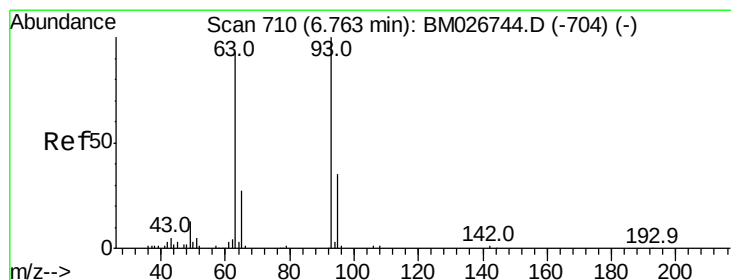
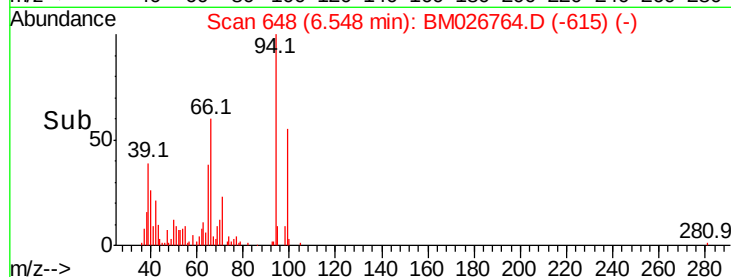
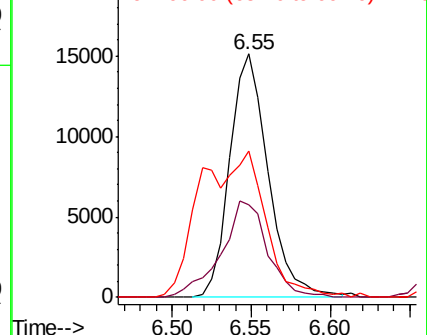


Abundance

Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



#8

Bis(2-Chloroethyl)ether

Concen: 3.806 ng/ul

RT: 6.76 min Scan# 684

Delta R.T. -0.00 min

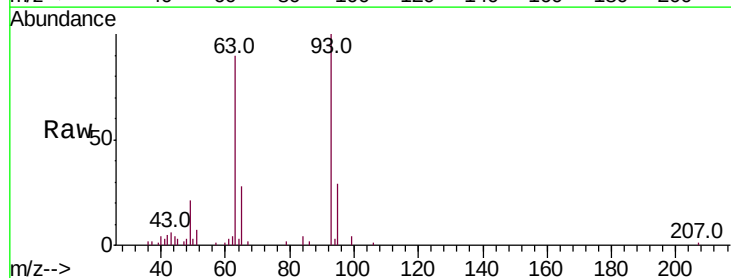
Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Tgt Ion: 93 Resp: 20348

Ion Ratio Lower Upper

|    |      |      |       |
|----|------|------|-------|
| 93 | 100  |      |       |
| 63 | 89.9 | 75.5 | 113.3 |
| 95 | 29.1 | 25.2 | 37.8  |

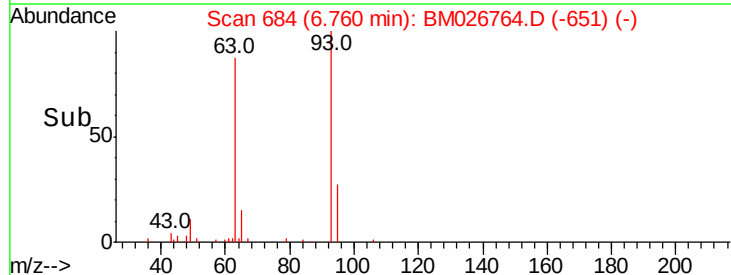
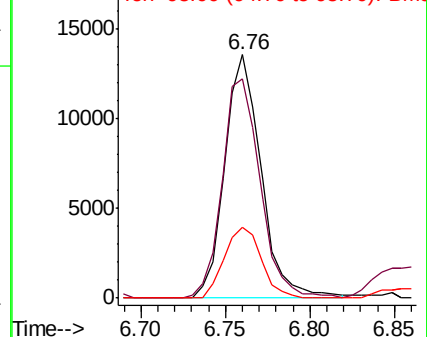


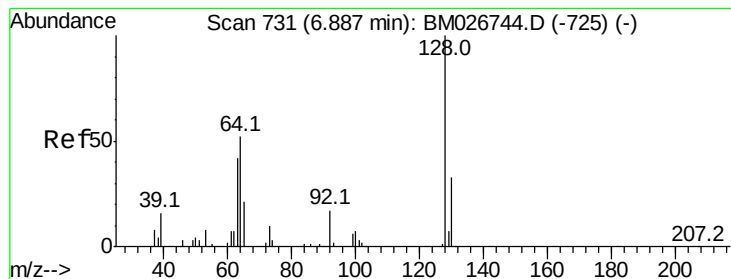
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

Ion 95.00 (94.70 to 95.70): BM0





#10

2-Chlorophenol

Concen: 3.599 ng/ul

RT: 6.88 min Scan# 705

Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

BNA\_M

ClientSampleId :

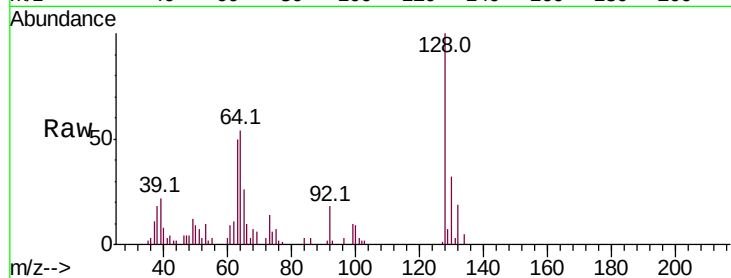
Tot Ion:128 Resp: 19468

Ion Ratio Lower Upper

128 100

64 53.9 47.4 71.2

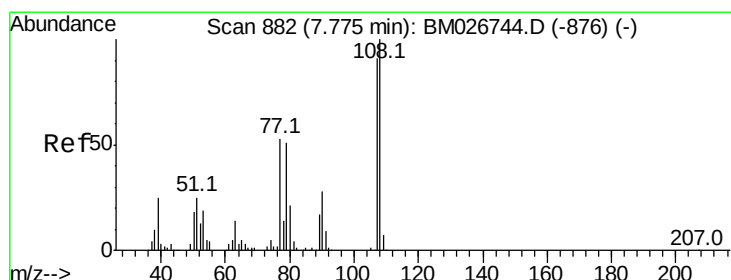
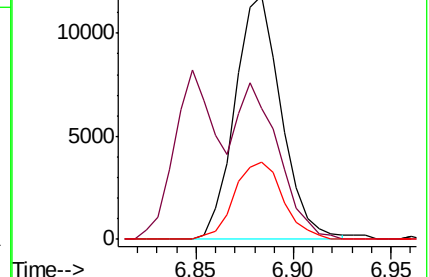
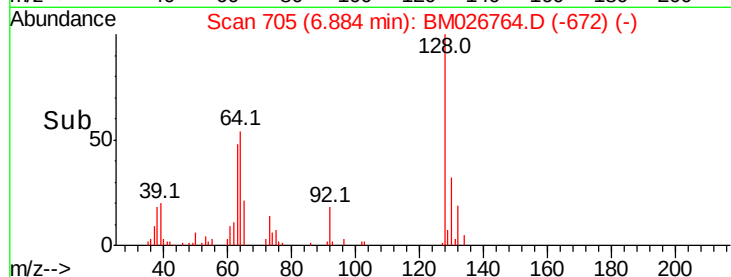
130 31.9 25.8 38.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.155 ng/ul

RT: 7.78 min Scan# 857

Delta R.T. 0.00 min

Lab File: BM026764.D

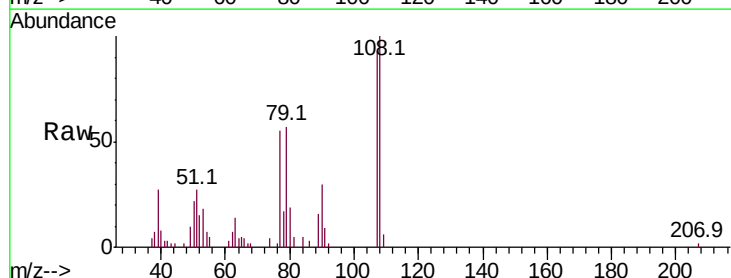
Acq: 14 Jul 2020 22:39

Tgt Ion:108 Resp: 15828

Ion Ratio Lower Upper

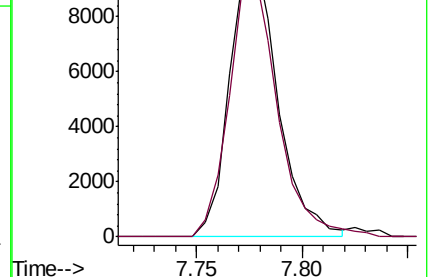
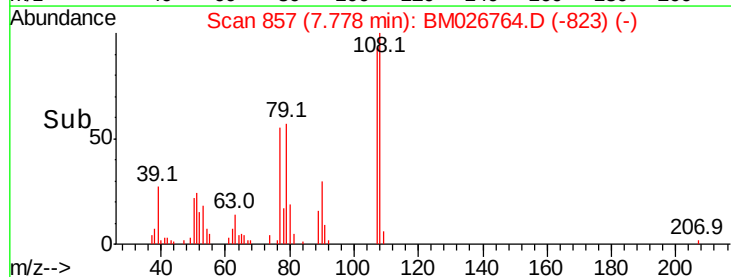
108 100

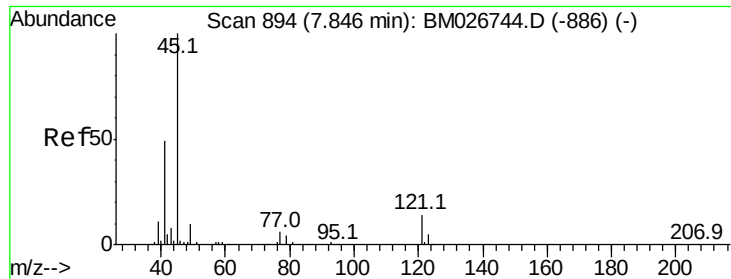
107 93.2 74.2 111.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

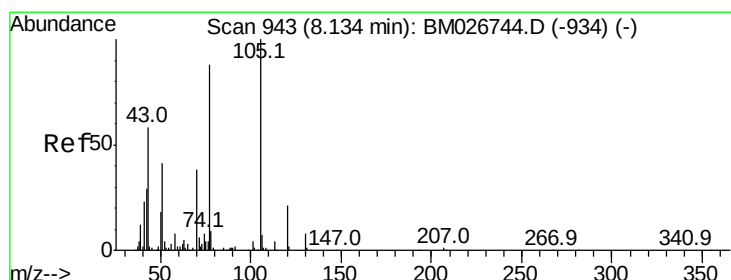
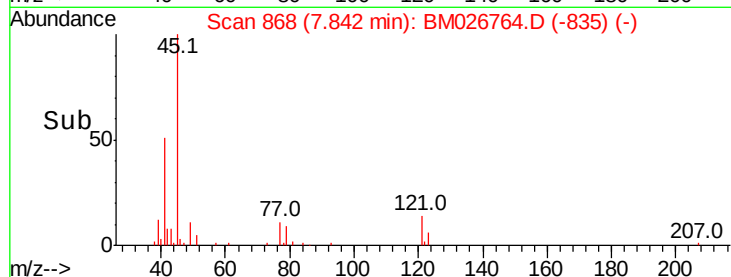
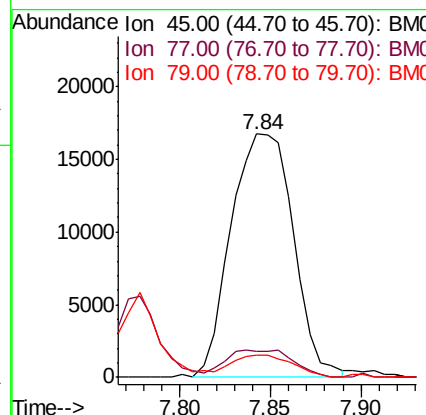
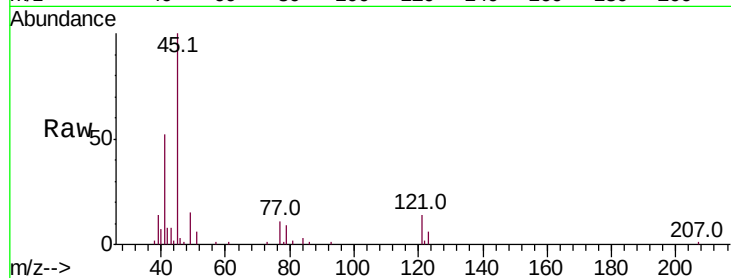




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 3.854 ng/ul  
RT: 7.84 min Scan# 868  
Delta R.T. -0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

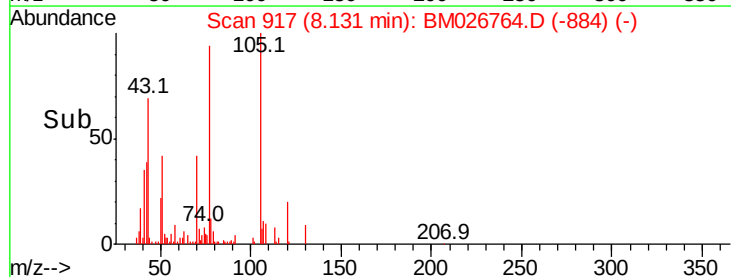
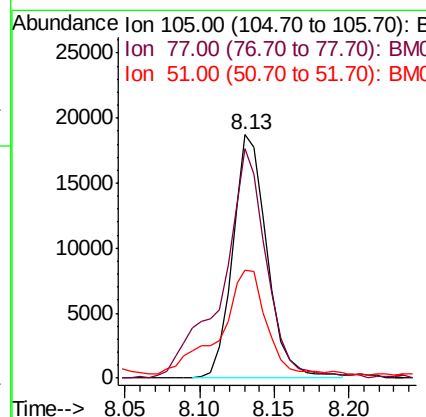
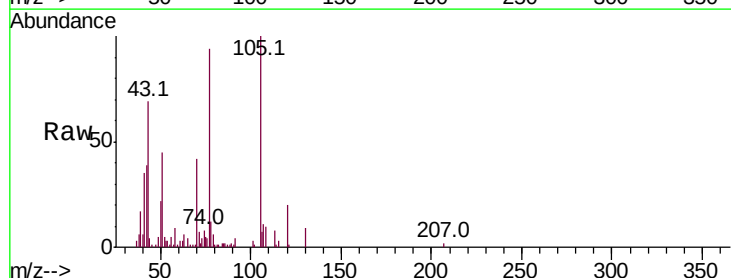
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 45 Resp: 39971  
Ion Ratio Lower Upper  
45 100  
77 10.8 8.8 13.2  
79 8.9 7.0 10.6

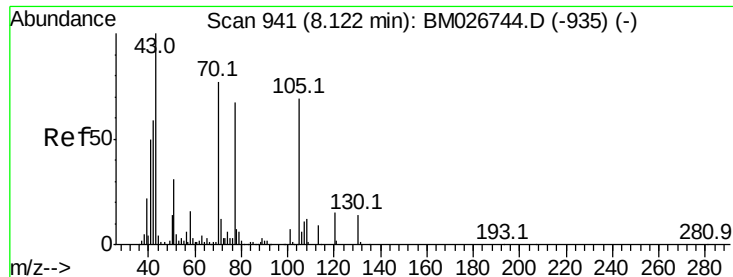


#14  
Acetophenone  
Concen: 3.480 ng/ul  
RT: 8.13 min Scan# 917  
Delta R.T. -0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

Tgt Ion: 105 Resp: 30116  
Ion Ratio Lower Upper  
105 100  
77 94.4 69.8 104.6  
51 44.5 30.5 45.7



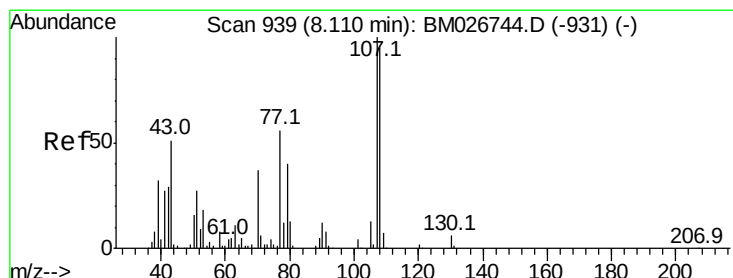
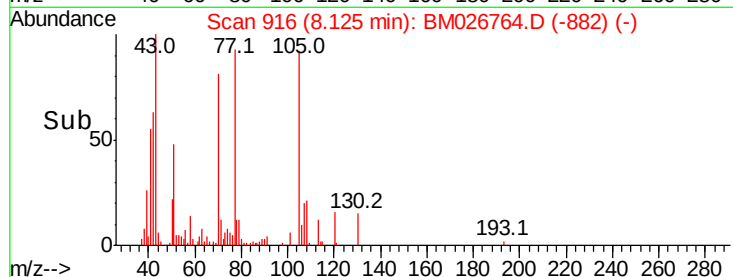
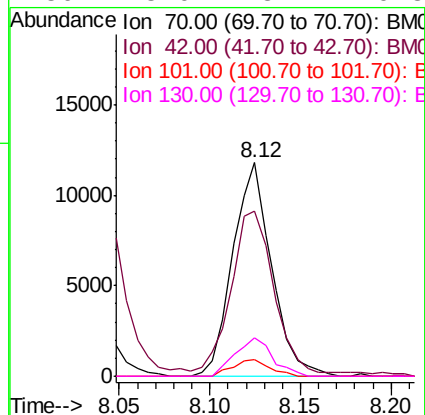
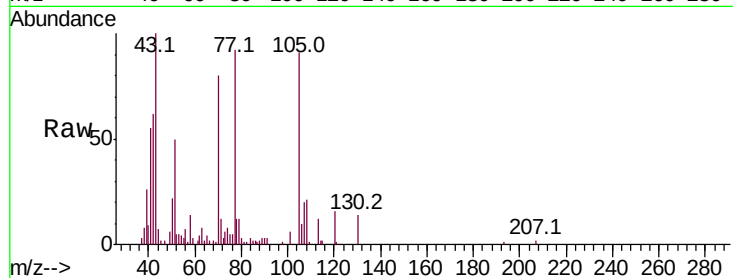




#15  
 N-Nitroso-di-n-propylamine  
 Concen: 3.440 ng/ul  
 RT: 8.12 min Scan# 916  
 Delta R.T. 0.00 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

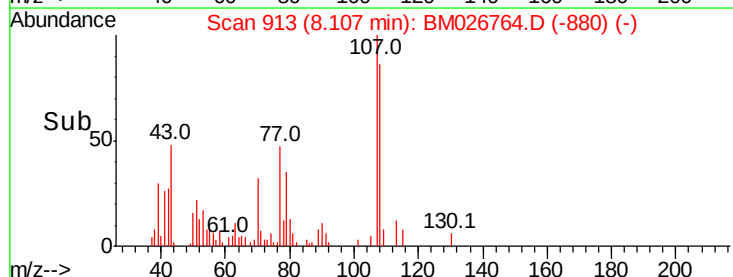
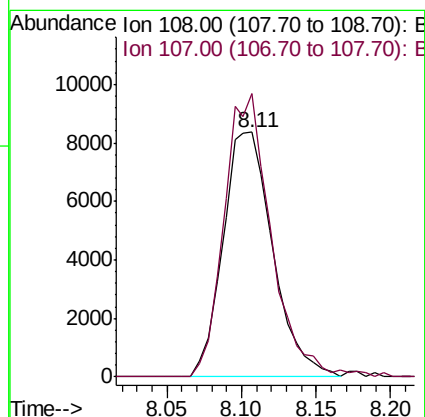
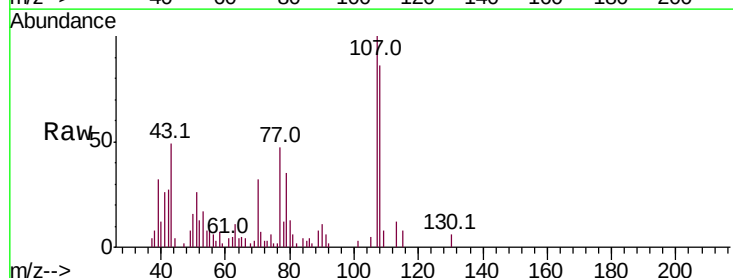
Instrument :  
 BNA\_M  
 ClientSampleId :

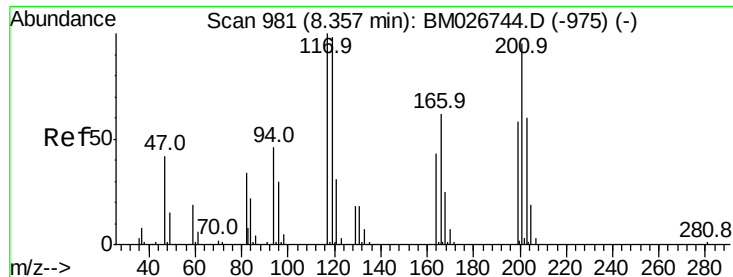
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 17589 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 77.1  | 58.5  | 87.7  |
| 101      | 7.6   | 7.0   | 10.4  |
| 130      | 18.0  | 13.2  | 19.8  |



#16  
 4-Methylphenol  
 Concen: 3.489 ng/ul  
 RT: 8.11 min Scan# 913  
 Delta R.T. -0.00 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 108   | Resp: | 19454 |
| Ion      | Ratio | Lower | Upper |
| 108      | 100   |       |       |
| 107      | 115.8 | 87.4  | 131.2 |

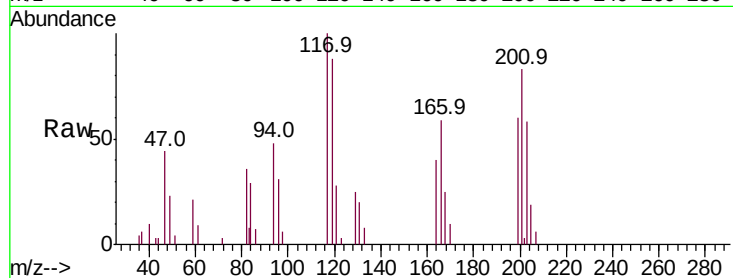




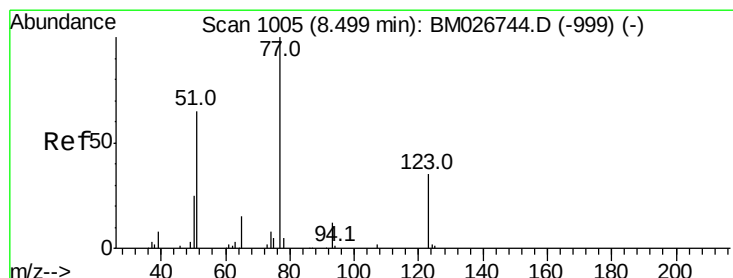
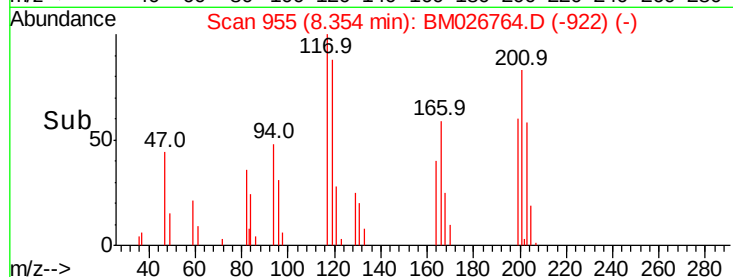
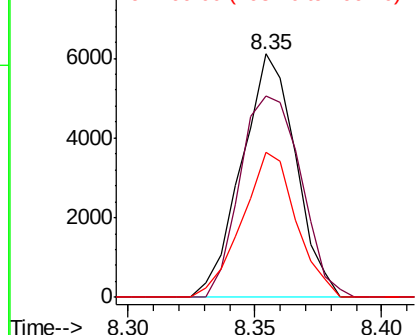
#17  
Hexachloroethane  
Concen: 3.768 ng/ul  
RT: 8.35 min Scan# 955  
Delta R.T. -0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:117 Resp: 9032  
Ion Ratio Lower Upper  
117 100  
201 83.0 77.0 115.6  
199 59.6 51.1 76.7

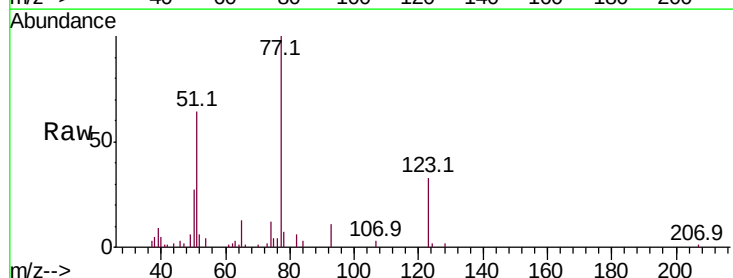


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

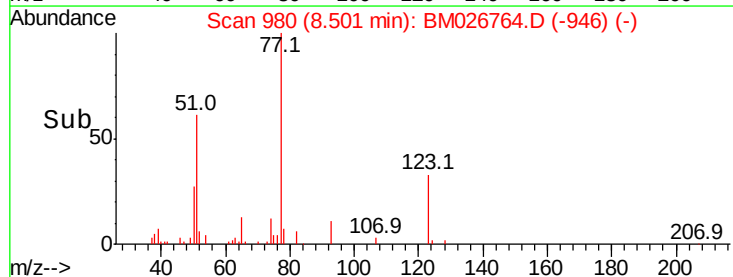
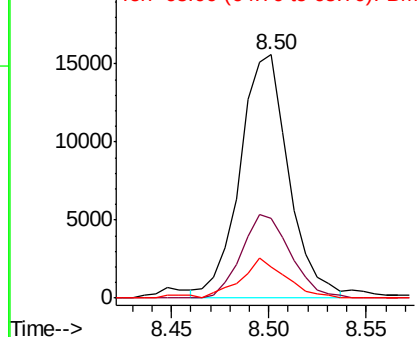


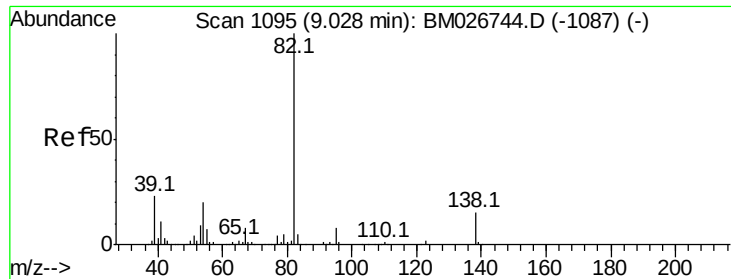
#20  
Nitrobenzene  
Concen: 3.961 ng/ul  
RT: 8.50 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

Tgt Ion: 77 Resp: 27031  
Ion Ratio Lower Upper  
77 100  
123 32.6 29.8 44.8  
65 12.8 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BM  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 3.665 ng/ul

RT: 9.02 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

BNA\_M

ClientSampleId :

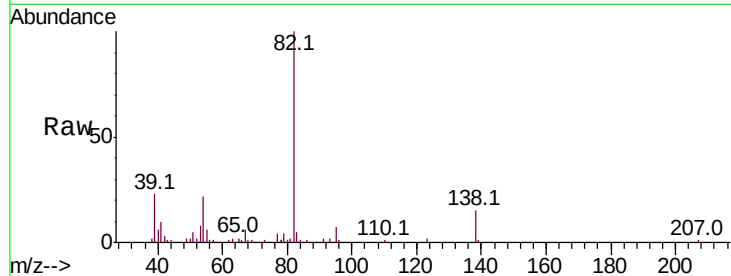
Tot Ion: 82 Resp: 42046

Ion Ratio Lower Upper

82 100

95 7.0 6.4 9.6

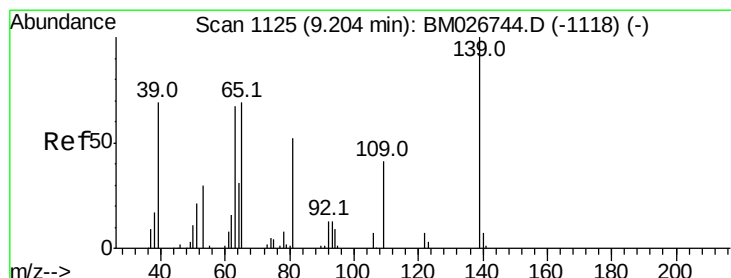
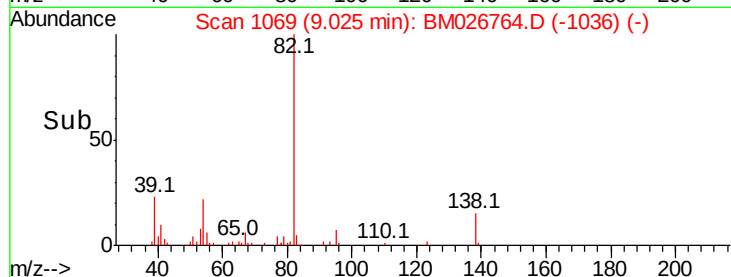
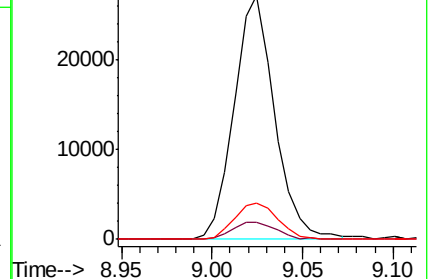
138 14.7 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BM026764.D (-1087) (-)

Ion 95.00 (94.70 to 95.70): BM026764.D (-1087) (-)

Ion 138.00 (137.70 to 138.70): BM026764.D (-1087) (-)



#23

2-Nitrophenol

Concen: 3.748 ng/ul

RT: 9.20 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

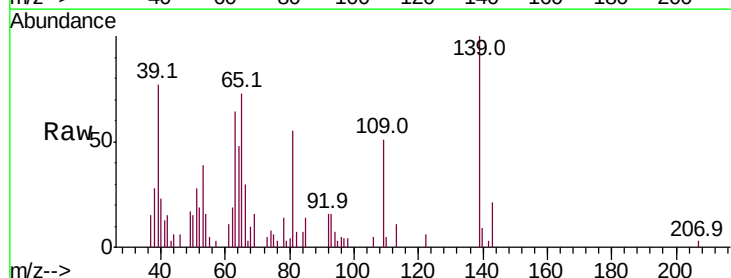
Tgt Ion: 139 Resp: 10005

Ion Ratio Lower Upper

139 100

65 73.2 55.0 82.6

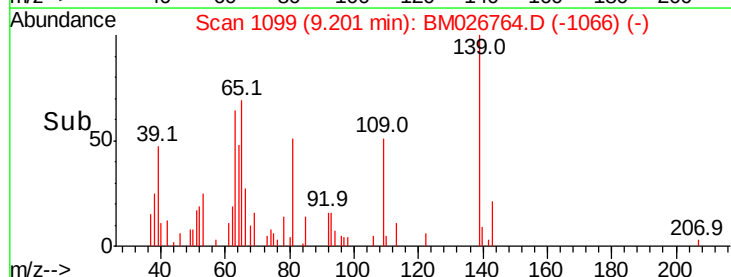
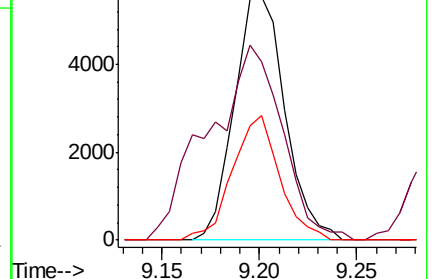
109 51.2 31.4 47.2#

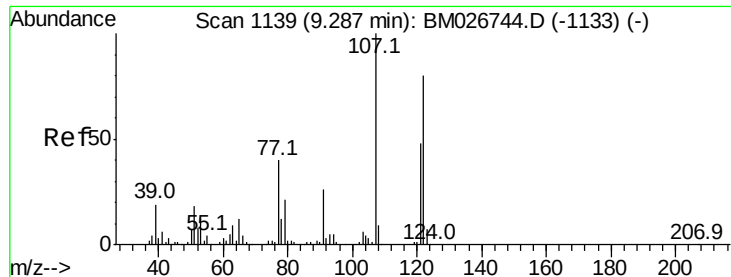


Abundance Ion 139.00 (138.70 to 139.70): BM026764.D (-1118) (-)

Ion 65.00 (64.70 to 65.70): BM026764.D (-1118) (-)

Ion 109.00 (108.70 to 109.70): BM026764.D (-1118) (-)





#24

2,4-Dimethylphenol

Concen: 3.532 ng/ul

RT: 9.28 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

BNA\_M

ClientSampleId :

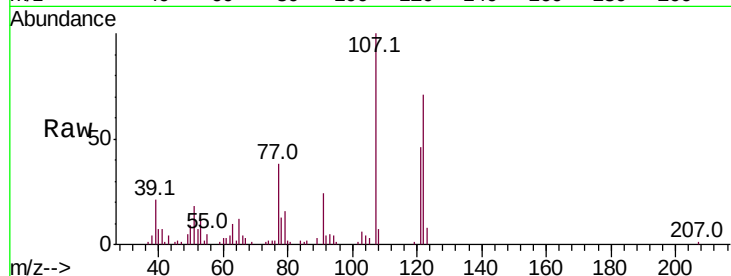
Tot Ion:107 Resp: 21717

Ion Ratio Lower Upper

107 100

121 45.8 38.1 57.1

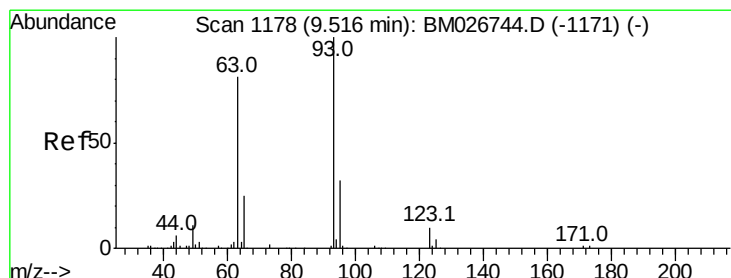
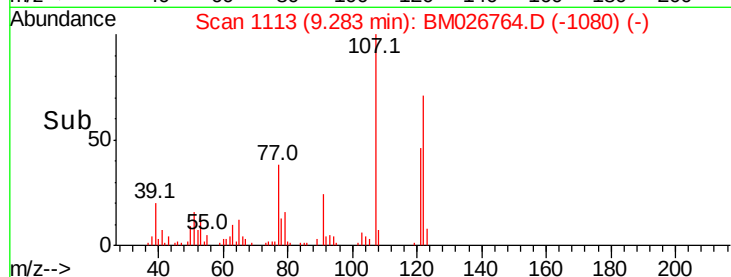
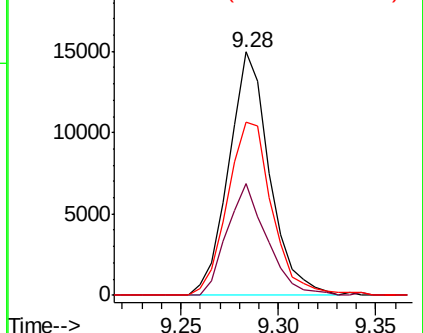
122 71.3 62.7 94.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 3.746 ng/ul

RT: 9.51 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

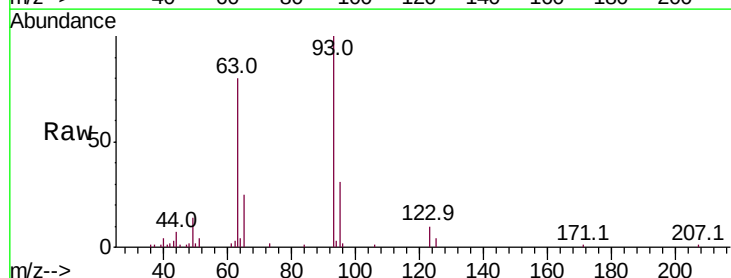
Tgt Ion: 93 Resp: 25552

Ion Ratio Lower Upper

93 100

95 31.3 24.4 36.6

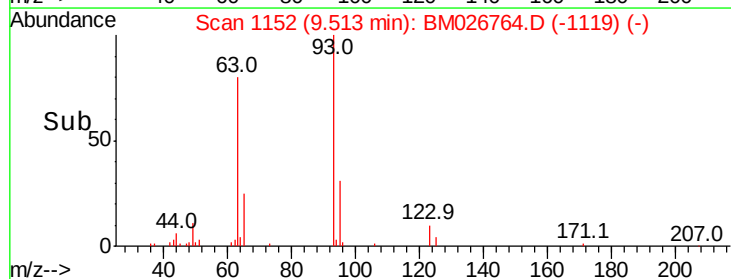
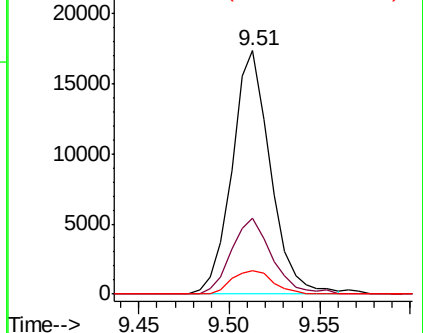
123 9.8 8.0 12.0

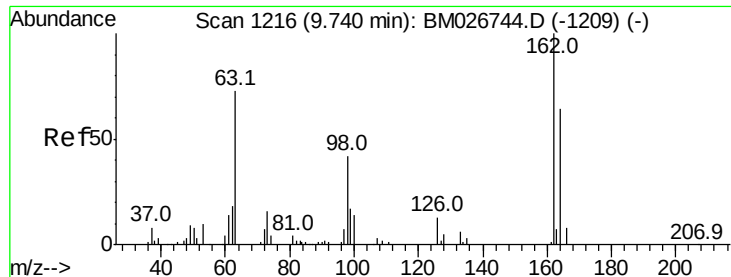


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 3.799 ng/ul

RT: 9.74 min Scan# 1190

Delta R.T. -0.00 min

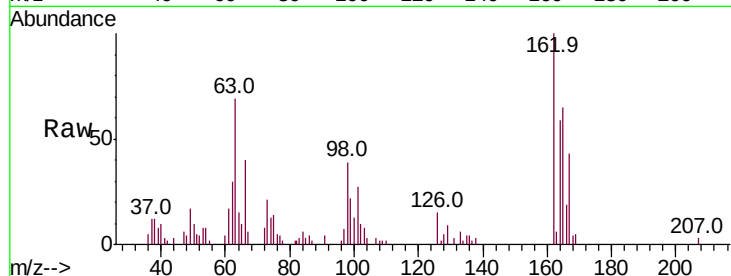
Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:162 Resp: 17739

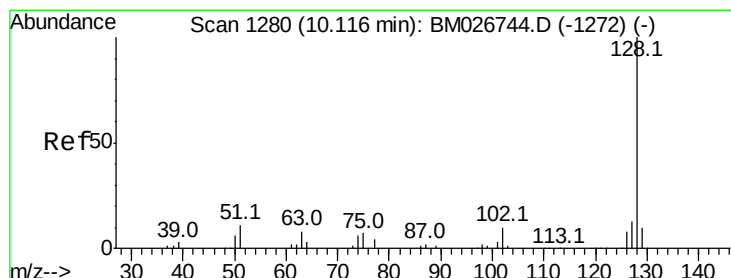
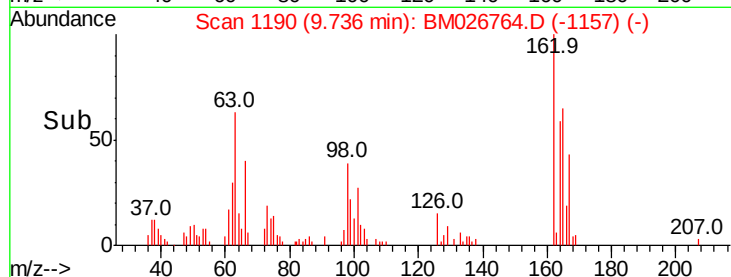
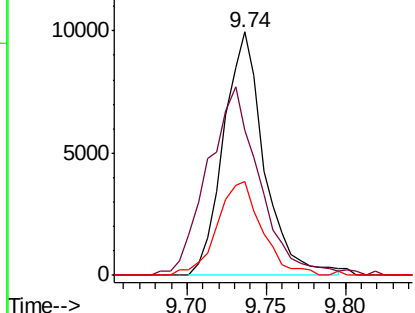
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 59.4  | 55.0  | 82.6  |
| 98  | 38.6  | 31.9  | 47.9  |



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 3.811 ng/ul

RT: 10.11 min Scan# 1253

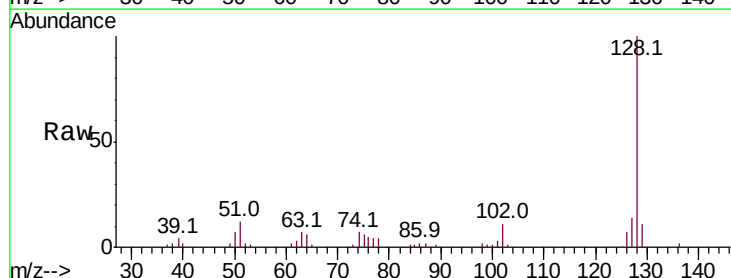
Delta R.T. -0.01 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Tgt Ion:128 Resp: 61728

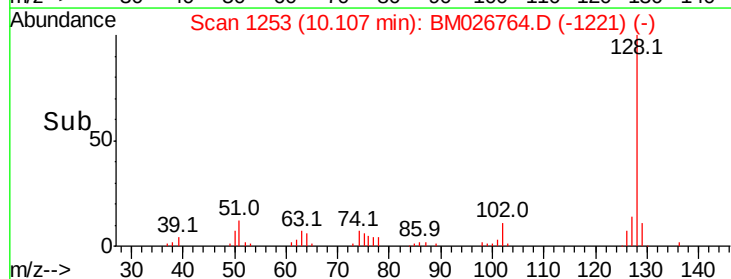
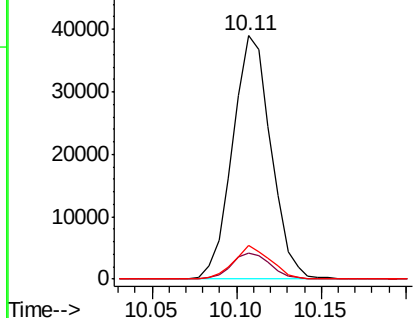
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 10.5  | 8.5   | 12.7  |
| 127 | 14.0  | 10.6  | 15.8  |

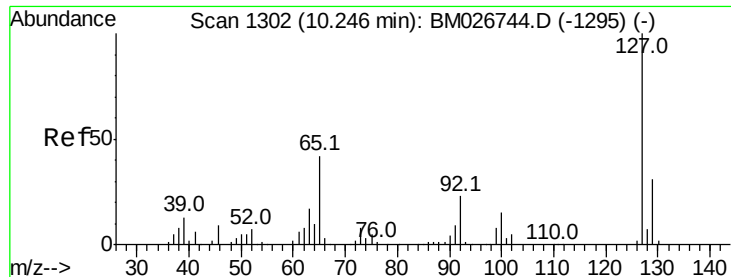


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

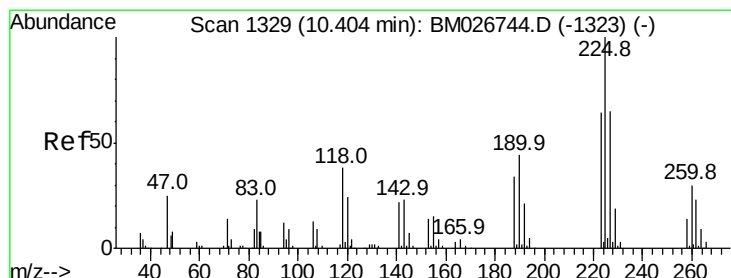
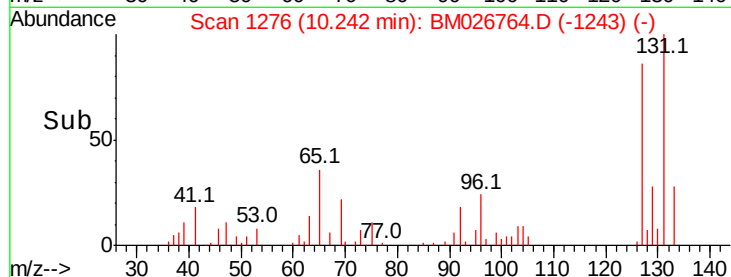
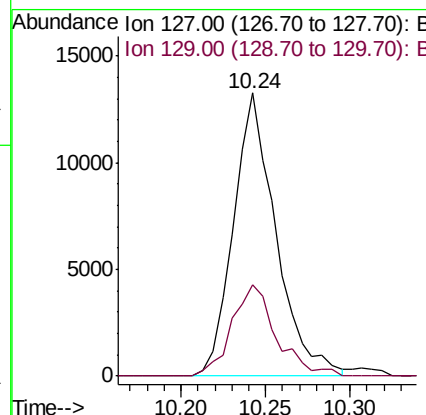
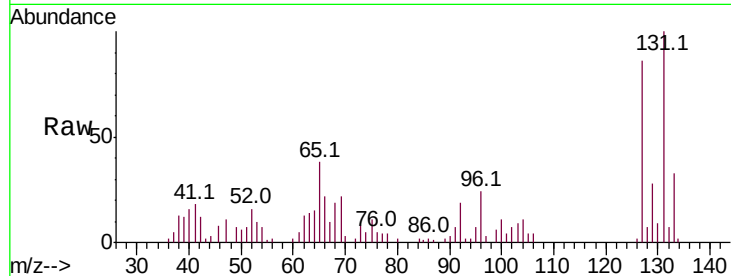




#30  
4-Chloroaniline  
Concen: 4.600 ng/ul  
RT: 10.24 min Scan# 1276  
Delta R.T. -0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

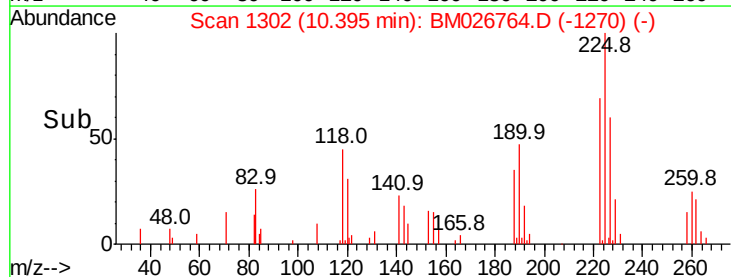
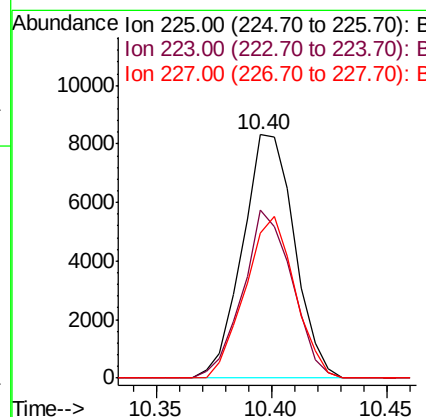
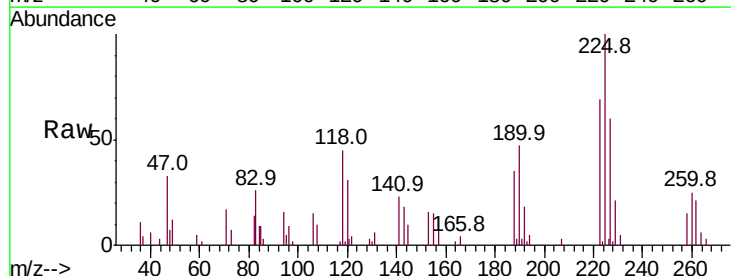
Instrument :  
BNA\_M  
ClientSampleId :

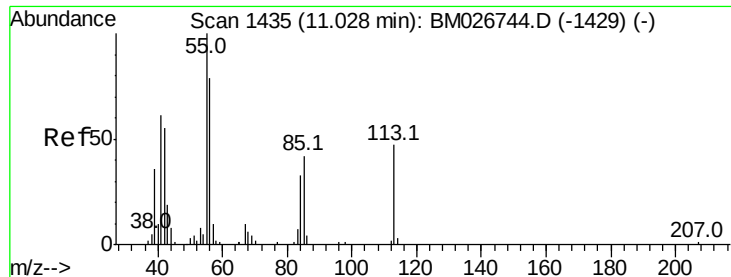
Tot Ion:127 Resp: 23255  
Ion Ratio Lower Upper  
127 100  
129 32.4 25.3 37.9



#31  
Hexachlorobutadiene  
Concen: 3.864 ng/ul  
RT: 10.40 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

Tgt Ion:225 Resp: 13074  
Ion Ratio Lower Upper  
225 100  
223 71.1 49.7 74.5  
227 59.8 50.4 75.6





#32

Caprolactam

Concen: 2.461 ng/ul

RT: 11.07 min Scan# 1416

Delta R.T. 0.04 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

BNA\_M

ClientSampled :

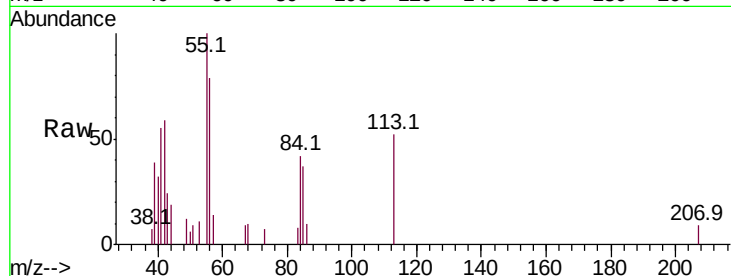
Tot Ion:113 Resp: 3173

Ion Ratio Lower Upper

113 100

55 193.3 179.9 269.9

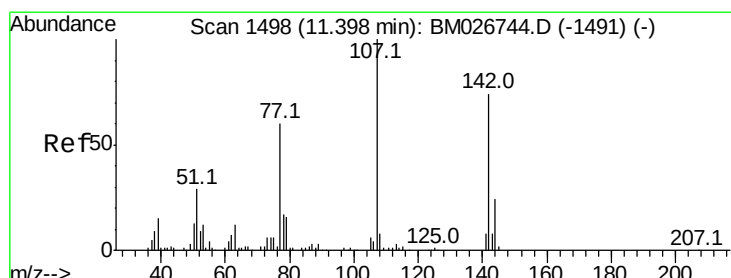
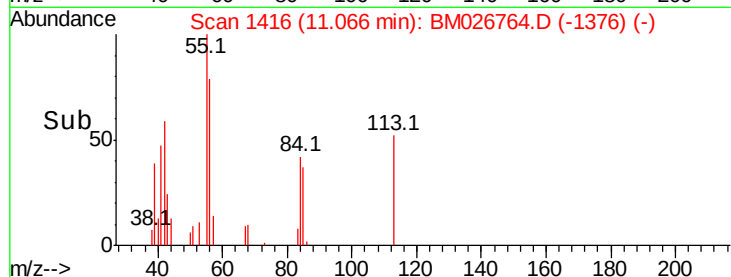
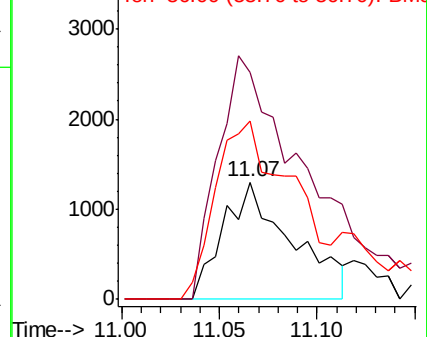
56 152.3 134.9 202.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 3.105 ng/ul

RT: 11.40 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

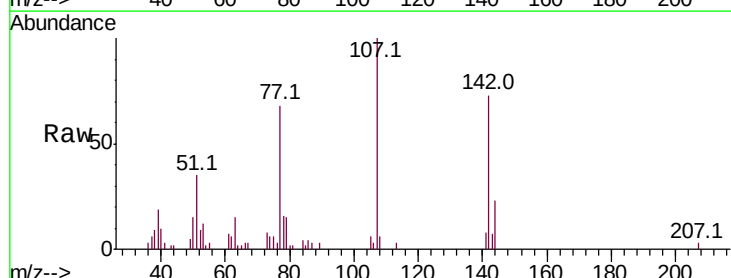
Tgt Ion:107 Resp: 16496

Ion Ratio Lower Upper

107 100

144 23.0 17.9 26.9

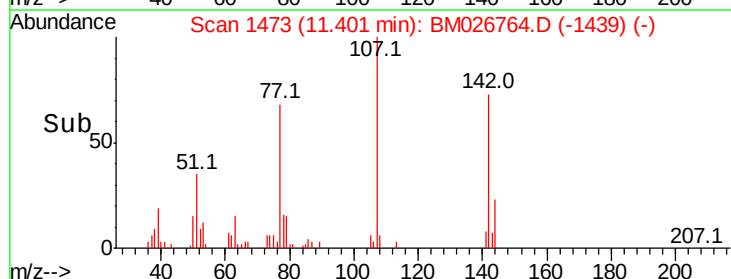
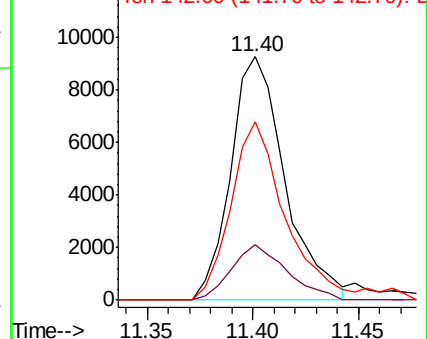
142 73.4 57.0 85.6

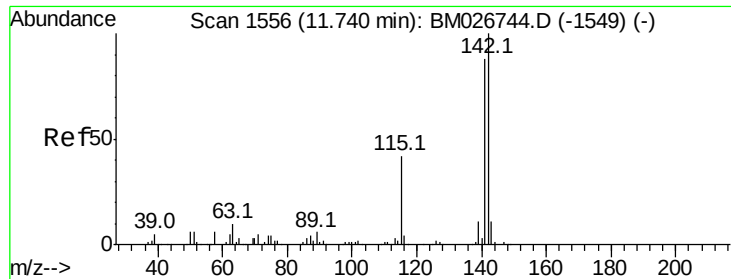


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

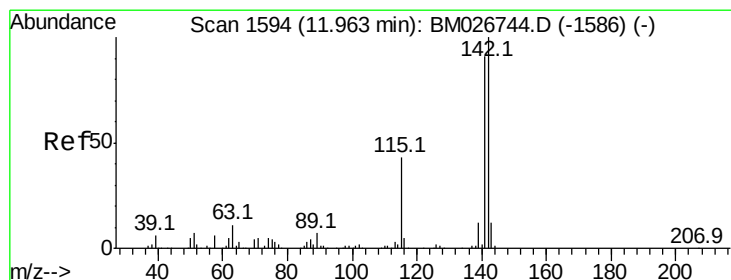
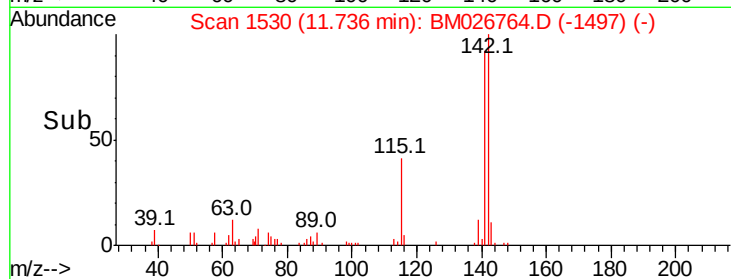
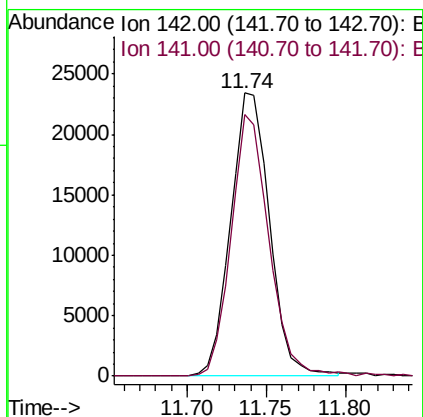
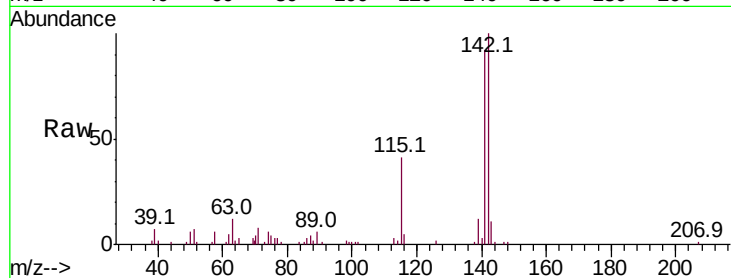




#34  
 2-Methylnaphthalene  
 Concen: 3.512 ng/ul  
 RT: 11.74 min Scan# 1530  
 Delta R.T. -0.00 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

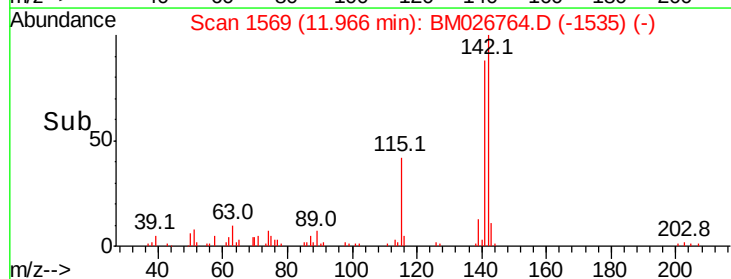
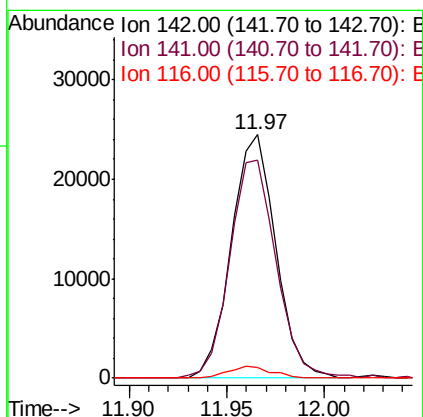
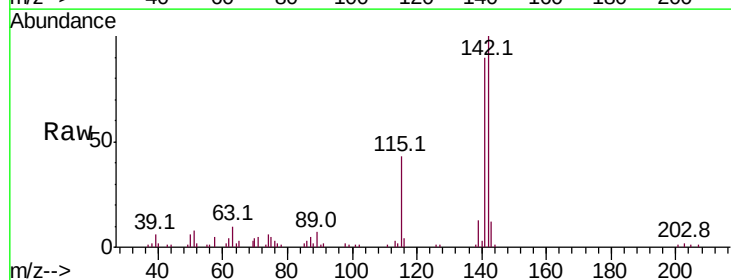
Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:142 Resp: 39853  
 Ion Ratio Lower Upper  
 142 100  
 141 92.4 69.9 104.9

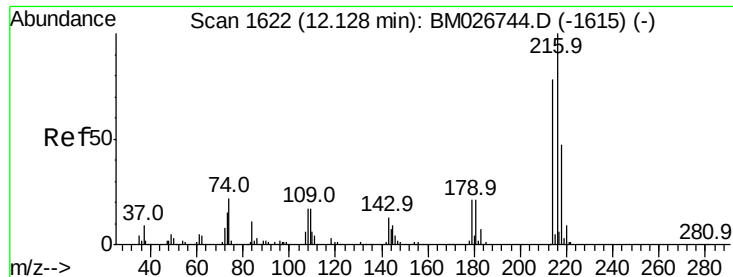


#35  
 1-Methylnaphthalene  
 Concen: 3.648 ng/ul  
 RT: 11.97 min Scan# 1569  
 Delta R.T. 0.00 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

Tgt Ion:142 Resp: 38579  
 Ion Ratio Lower Upper  
 142 100  
 141 89.6 72.7 109.1  
 116 4.3 3.7 5.5



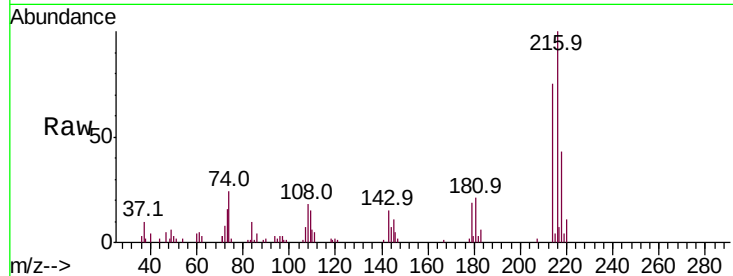




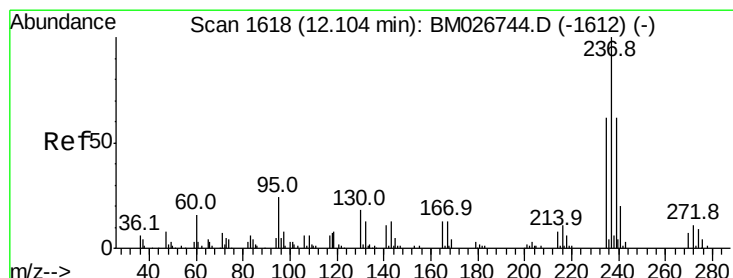
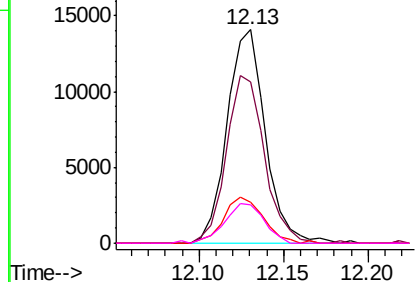
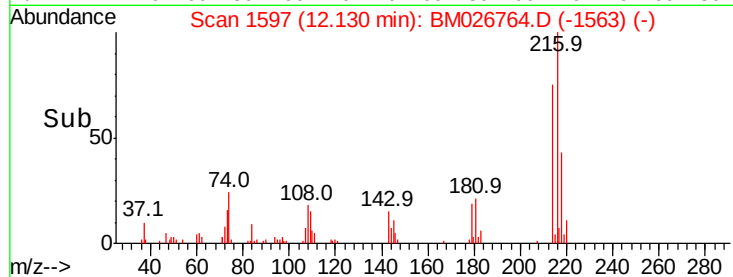
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 3.716 ng/ul  
 RT: 12.13 min Scan# 1597  
 Delta R.T. 0.00 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 22143 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 75.5  | 61.5  | 92.3  |
| 179      | 19.1  | 17.4  | 26.2  |
| 108      | 17.8  | 15.0  | 22.6  |

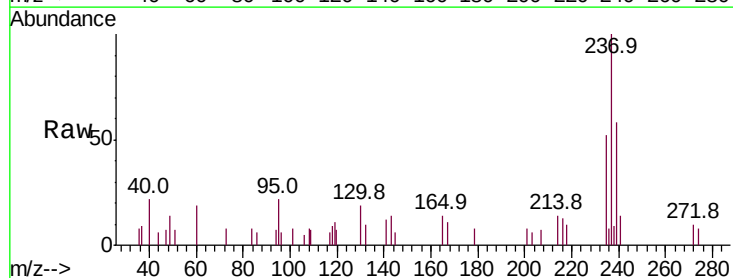


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

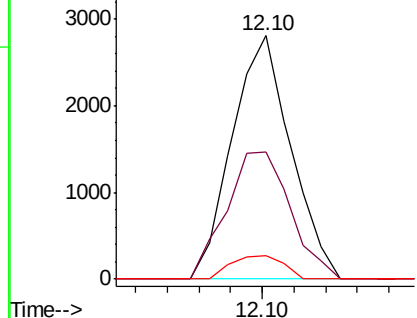
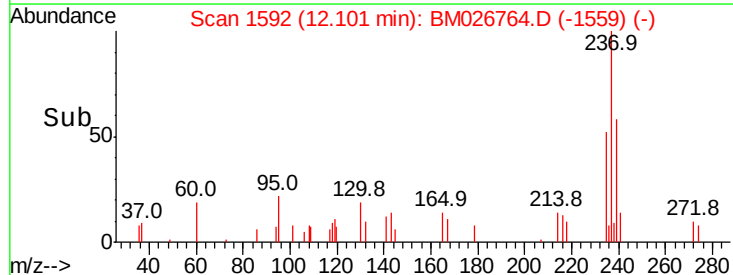


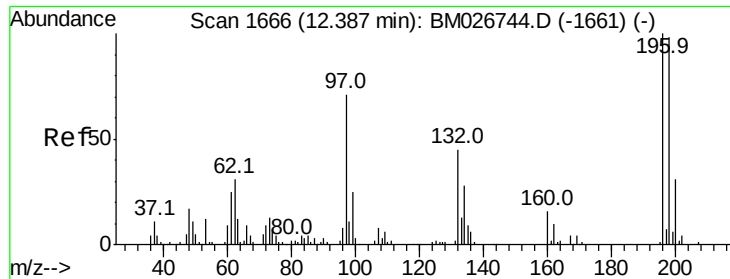
#38  
 Hexachlorocyclopentadiene  
 Concen: 1.186 ng/ul  
 RT: 12.10 min Scan# 1592  
 Delta R.T. -0.00 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 3606  |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 52.2  | 50.2  | 75.4  |
| 272      | 9.8   | 10.1  | 15.1# |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

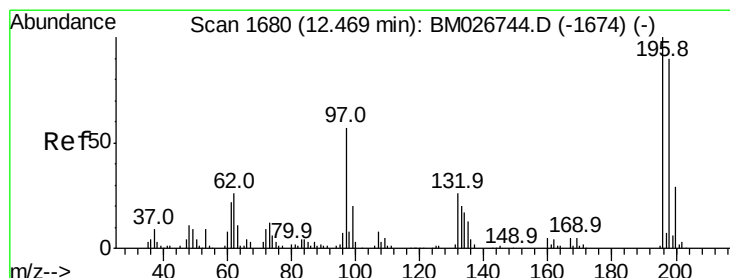
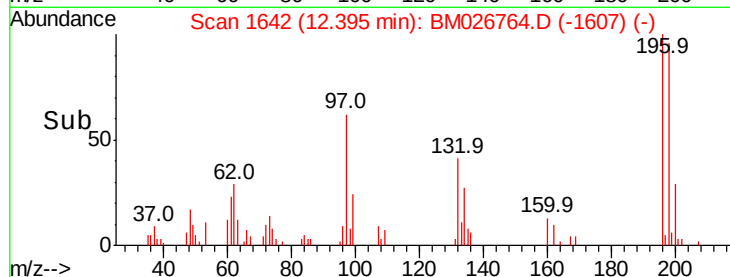
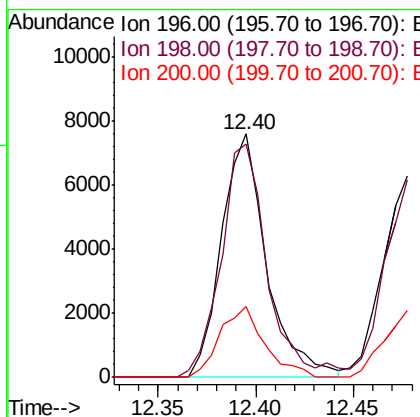
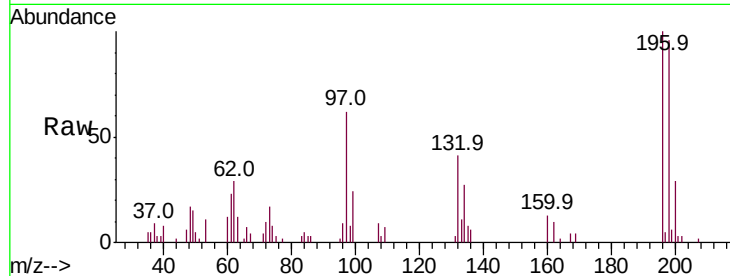




#39  
 2,4,6-Trichlorophenol  
 Concen: 3.462 ng/ul  
 RT: 12.40 min Scan# 1642  
 Delta R.T. 0.01 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

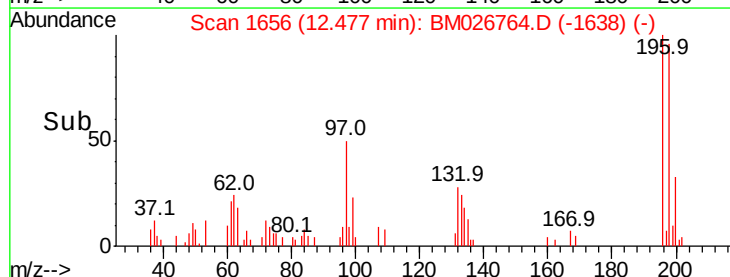
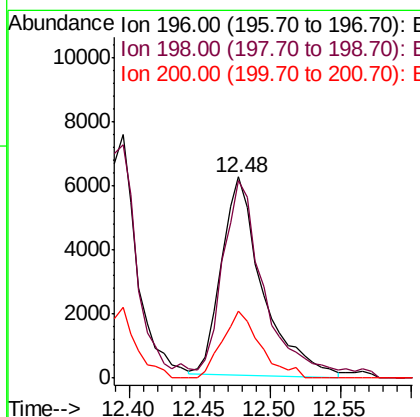
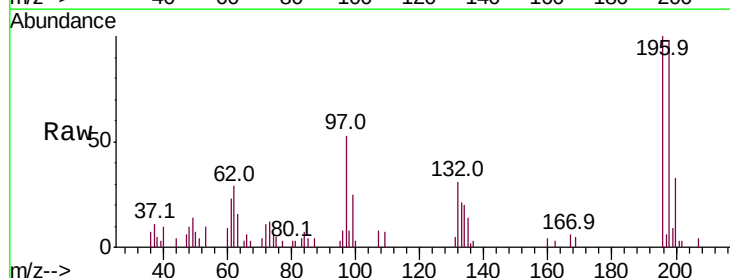
Instrument :  
 BNA\_M  
 ClientSampleId :

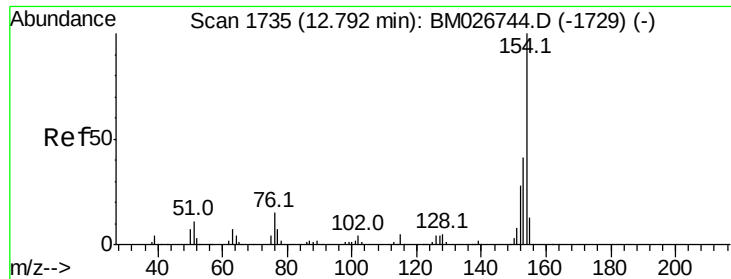
Tot Ion:196 Resp: 12177  
 Ion Ratio Lower Upper  
 196 100  
 198 96.1 79.8 119.6  
 200 29.0 25.2 37.8



#40  
 2,4,5-Trichlorophenol  
 Concen: 3.263 ng/ul  
 RT: 12.48 min Scan# 1656  
 Delta R.T. 0.01 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

Tgt Ion:196 Resp: 12552  
 Ion Ratio Lower Upper  
 196 100  
 198 98.2 72.4 108.6  
 200 33.3 23.8 35.8

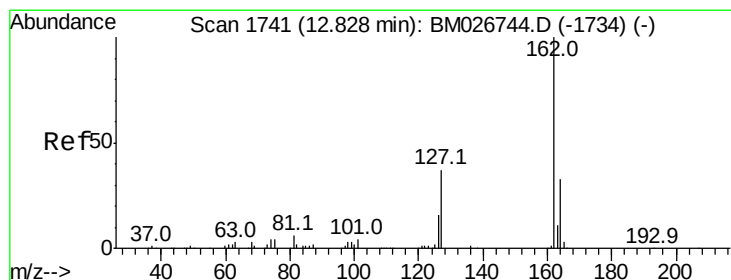
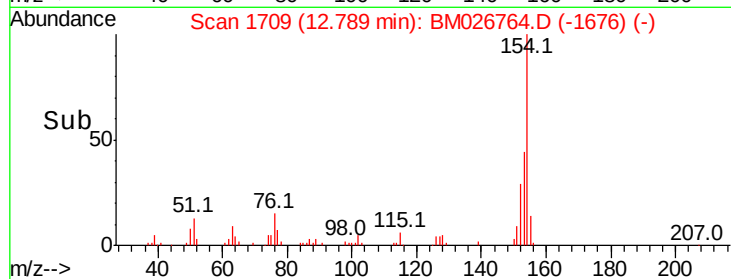
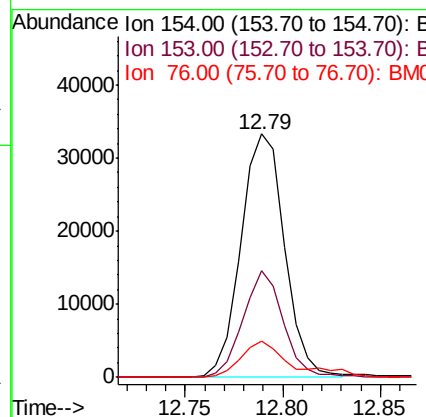
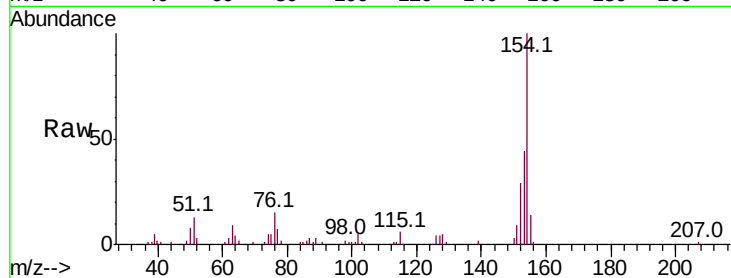




#41  
 1,1'-Biphenyl  
 Concen: 3.634 ng/ul  
 RT: 12.79 min Scan# 1709  
 Delta R.T. -0.00 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

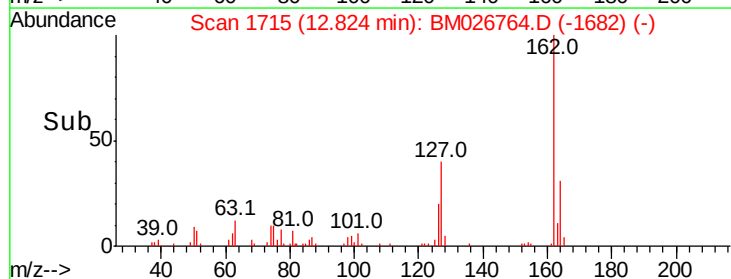
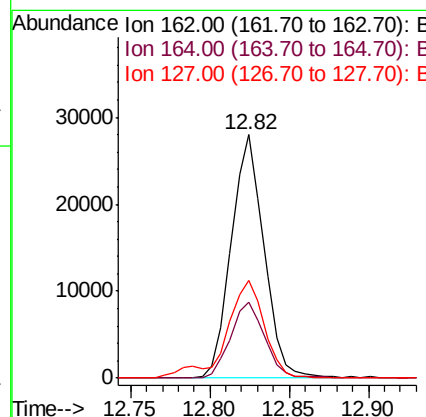
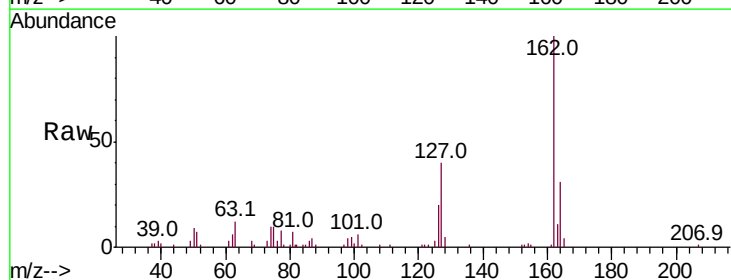
Instrument :  
 BNA\_M  
 ClientSampleId :

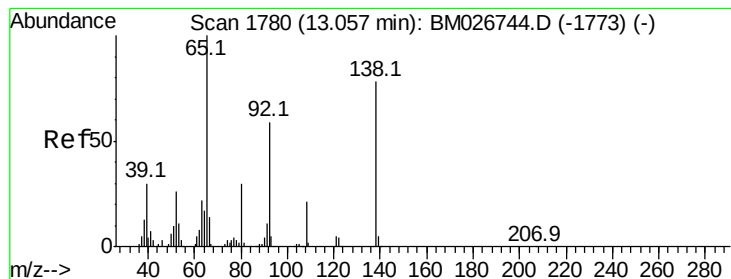
Tot Ion:154 Resp: 51574  
 Ion Ratio Lower Upper  
 154 100  
 153 43.8 32.9 49.3  
 76 15.1 11.7 17.5



#42  
 2-Chloronaphthalene  
 Concen: 3.589 ng/ul  
 RT: 12.82 min Scan# 1715  
 Delta R.T. -0.00 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

Tgt Ion:162 Resp: 40093  
 Ion Ratio Lower Upper  
 162 100  
 164 31.2 26.9 40.3  
 127 40.3 33.6 50.4





#43

2-Nitroaniline

Concen: 2.992 ng/ul

RT: 13.07 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

BNA\_M

ClientSampleId :

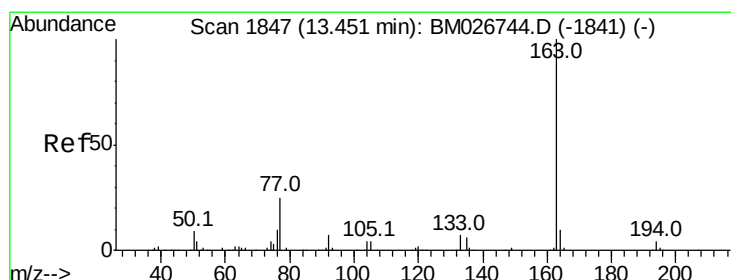
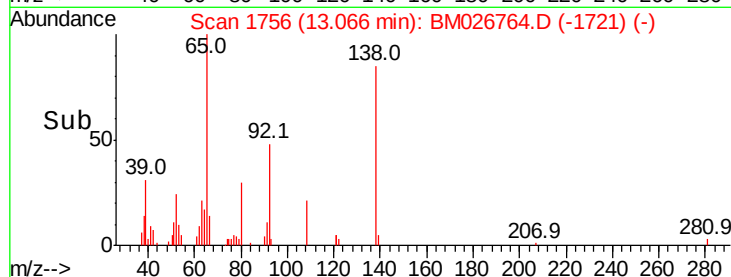
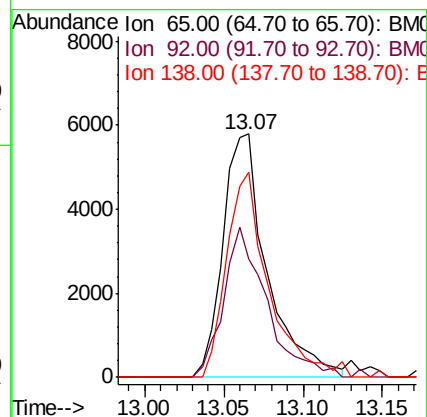
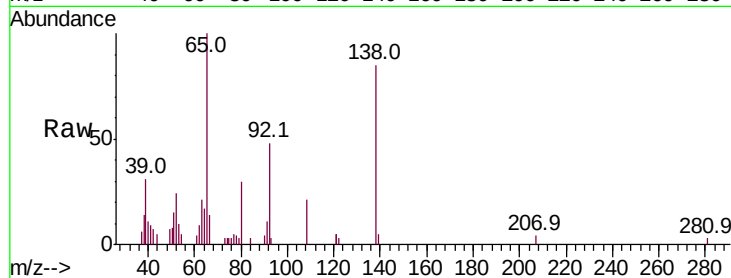
Tot Ion: 65 Resp: 11235

Ion Ratio Lower Upper

65 100

92 48.5 48.4 72.6

138 84.5 65.3 97.9



#45

Dimethylphthalate

Concen: 3.743 ng/ul

RT: 13.45 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

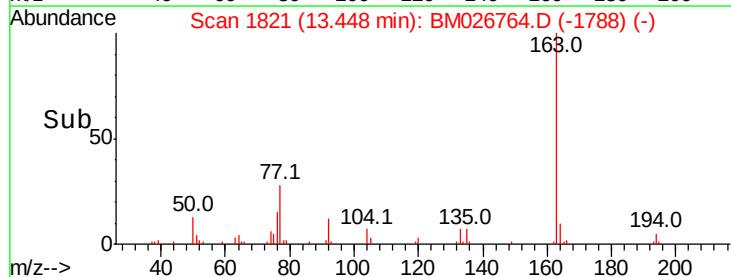
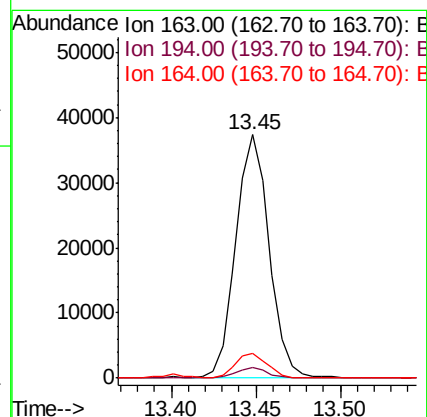
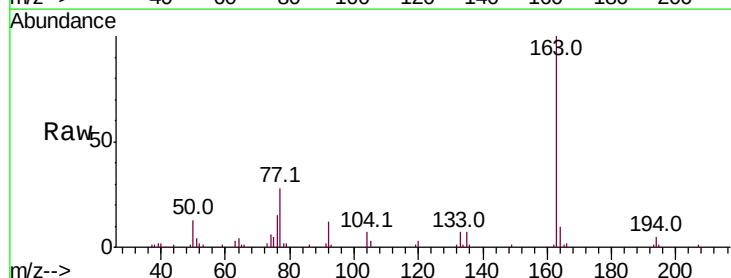
Tgt Ion: 163 Resp: 51230

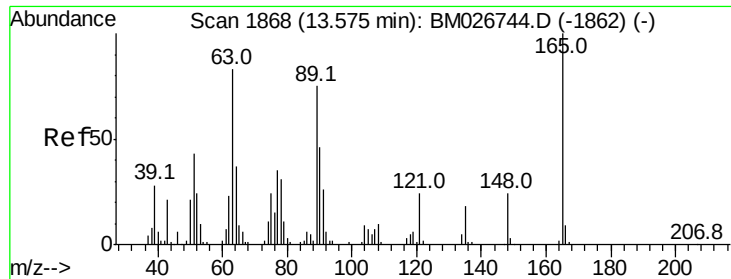
Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

164 10.2 7.8 11.6

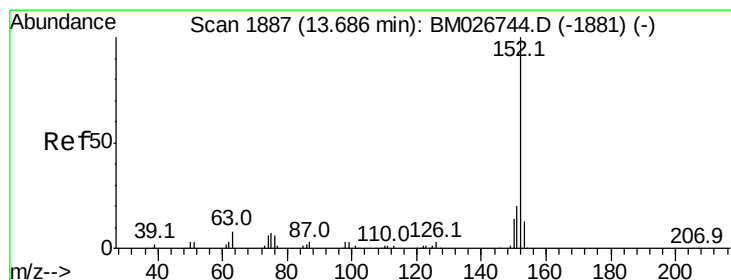
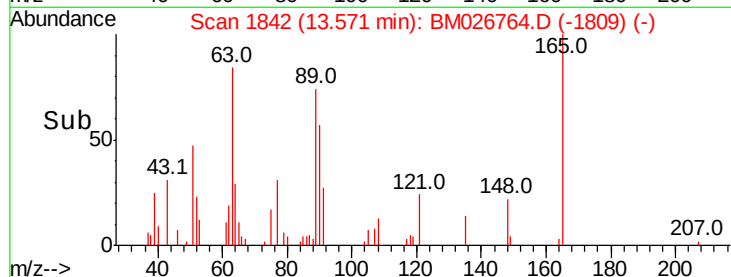
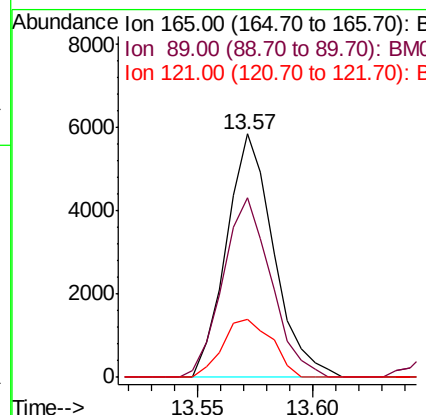
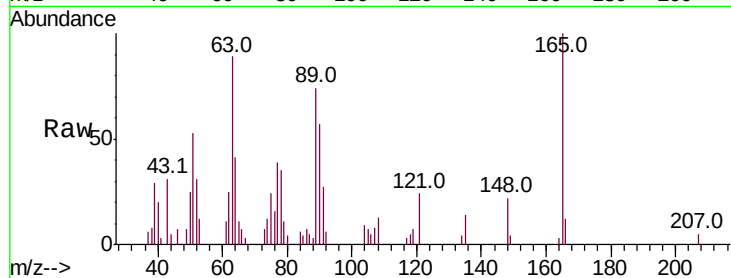




#46  
2,6-Dinitrotoluene  
Concen: 3.154 ng/ul  
RT: 13.57 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

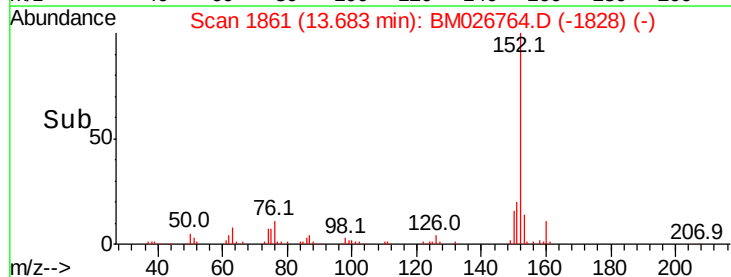
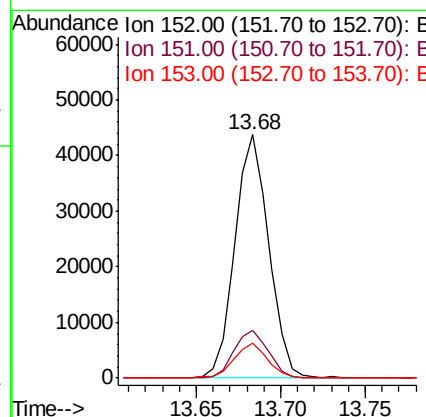
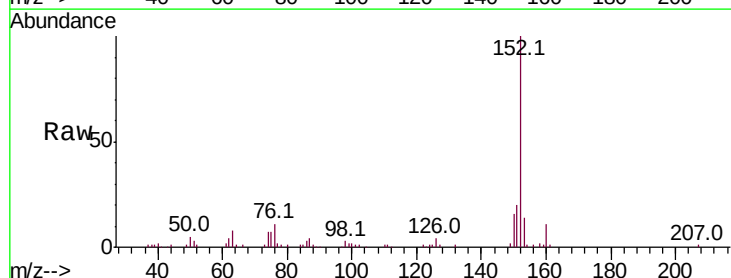
Instrument :  
BNA\_M  
ClientSampleId :

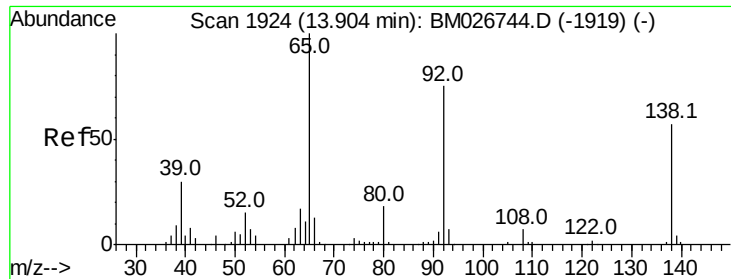
Tot Ion:165 Resp: 8343  
Ion Ratio Lower Upper  
165 100  
89 73.9 54.2 81.4  
121 23.9 18.2 27.4



#48  
Acenaphthylene  
Concen: 3.607 ng/ul  
RT: 13.68 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

Tgt Ion:152 Resp: 61041  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.0 22.6  
153 14.1 10.6 16.0

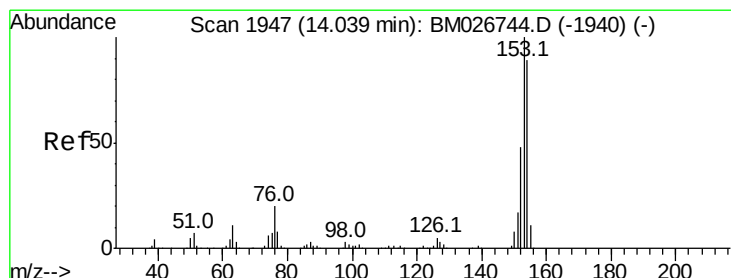
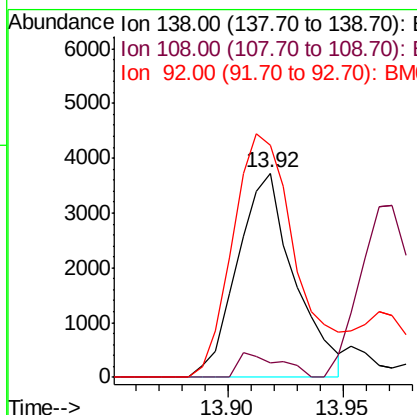
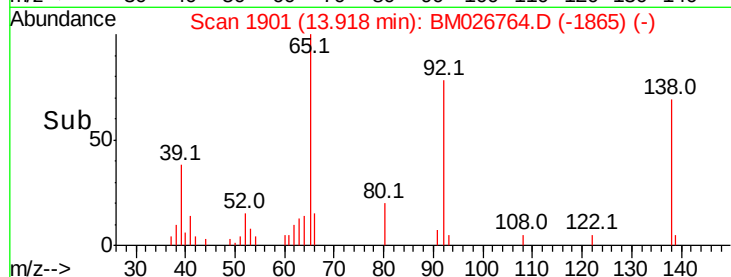
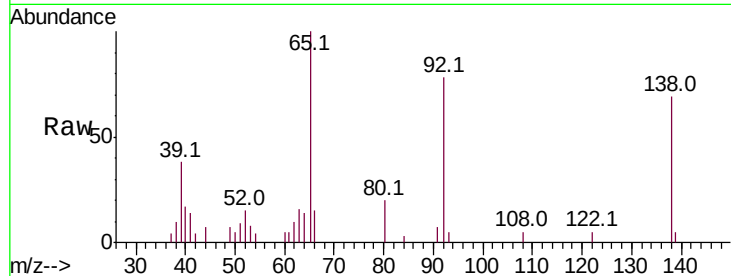




#49  
3-Nitroaniline  
Concen: 2.921 ng/ul  
RT: 13.92 min Scan# 1901  
Delta R.T. 0.01 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

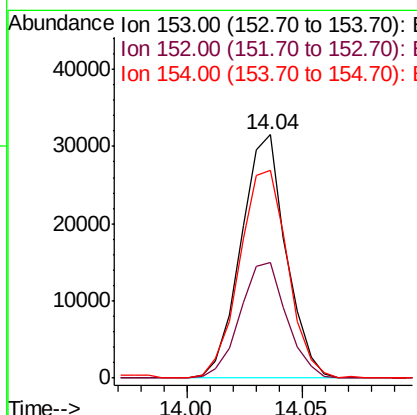
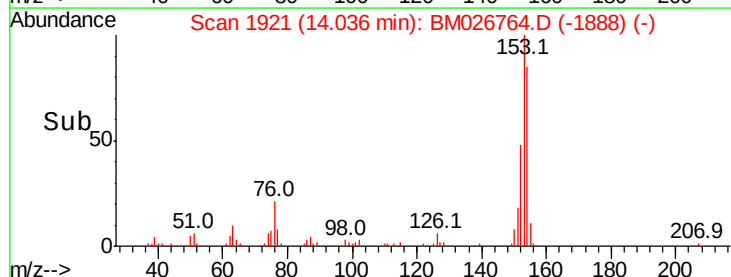
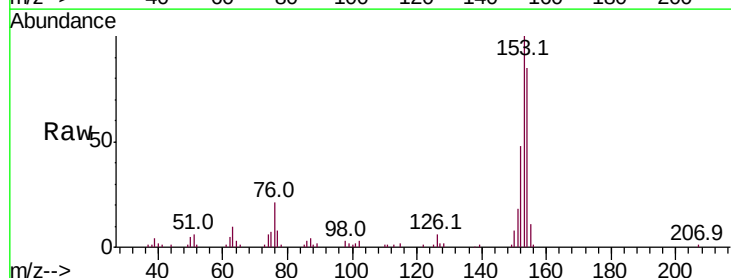
Instrument :  
BNA\_M  
ClientSampled :

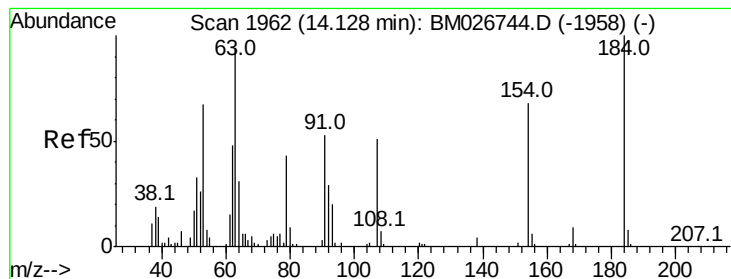
Tot Ion:138 Resp: 6424  
Ion Ratio Lower Upper  
138 100  
108 7.2 10.6 16.0#  
92 113.9 108.6 162.8



#50  
Acenaphthene  
Concen: 3.597 ng/ul  
RT: 14.04 min Scan# 1921  
Delta R.T. -0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

Tgt Ion:153 Resp: 43029  
Ion Ratio Lower Upper  
153 100  
152 47.6 37.7 56.5  
154 85.4 71.3 106.9





#51

2,4-Dinitrophenol

Concen: 2.294 ng/ul

RT: 14.14 min Scan# 1939

Delta R.T. 0.01 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

BNA\_M

ClientSampleId :

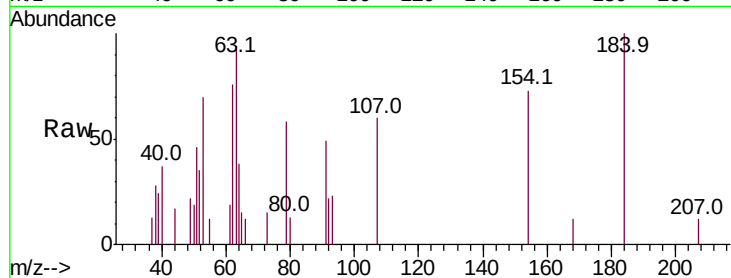
Tot Ion:184 Resp: 3153

Ion Ratio Lower Upper

184 100

63 93.9 74.6 111.8

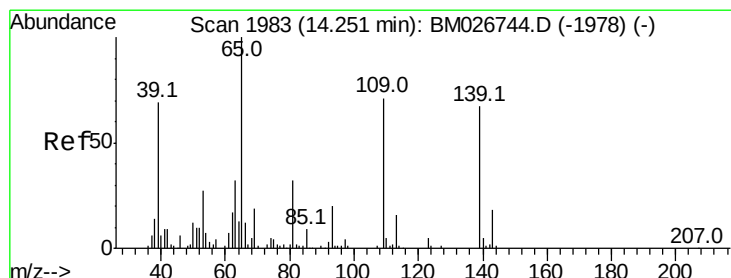
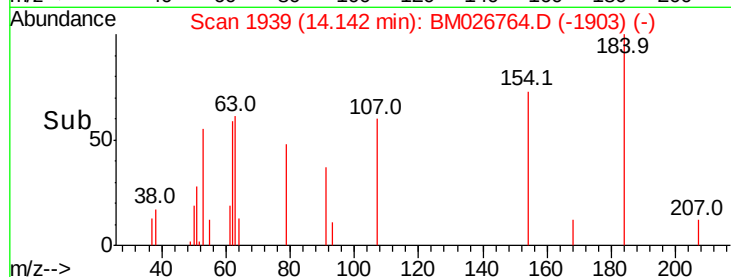
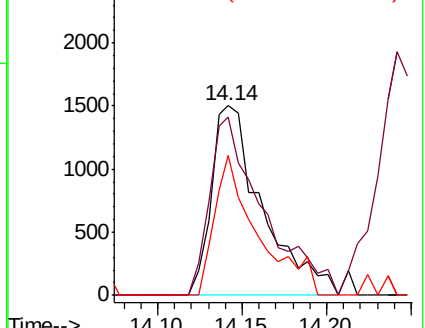
154 73.5 58.8 88.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 3.259 ng/ul

RT: 14.25 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

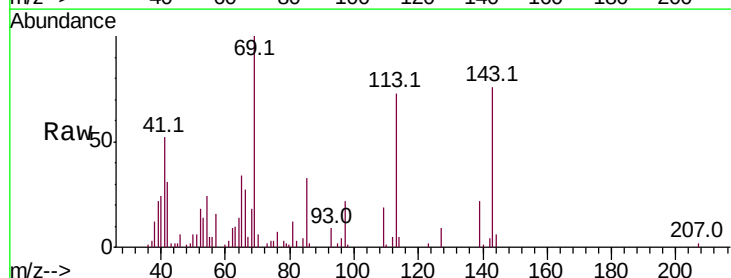
Tgt Ion:109 Resp: 6330

Ion Ratio Lower Upper

109 100

139 113.9 87.5 131.3

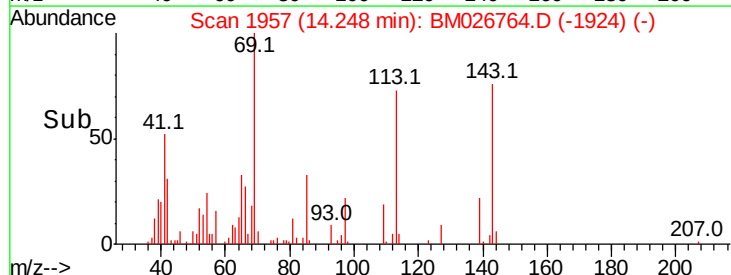
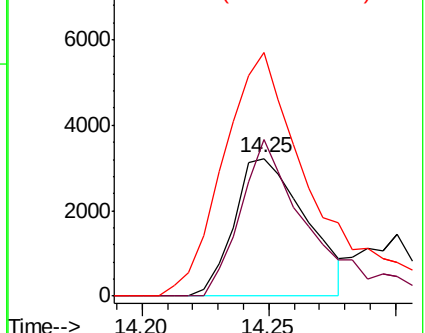
65 176.6 119.4 179.2

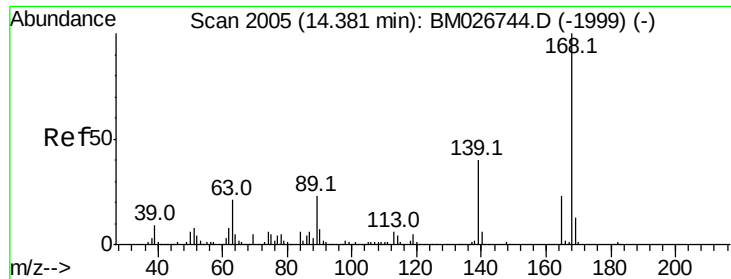


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0





#54

Dibenzofuran

Concen: 3.627 ng/ul

RT: 14.38 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

BNA\_M

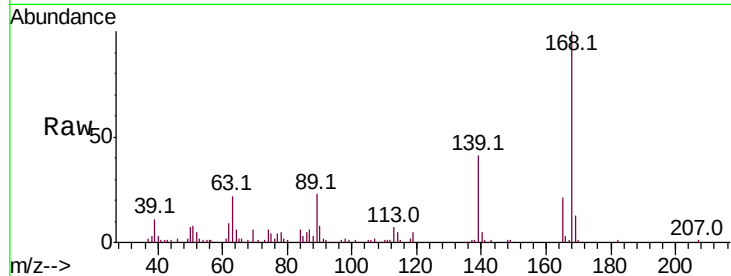
ClientSampled :

Tot Ion:168 Resp: 61566

Ion Ratio Lower Upper

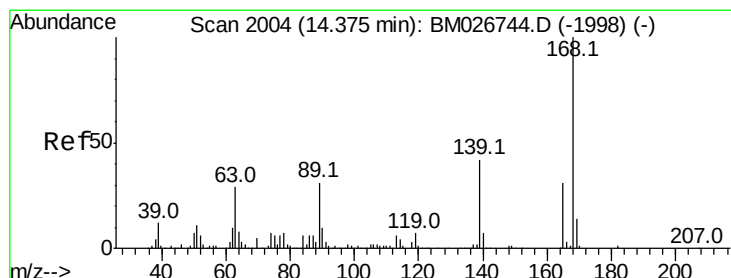
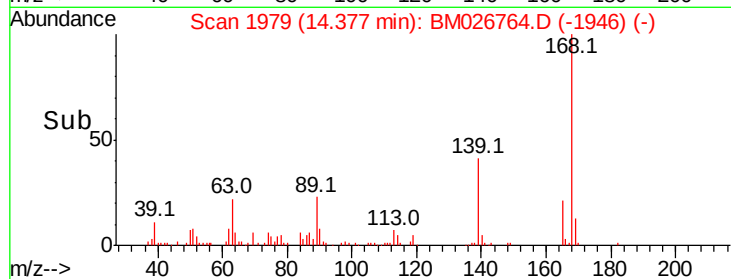
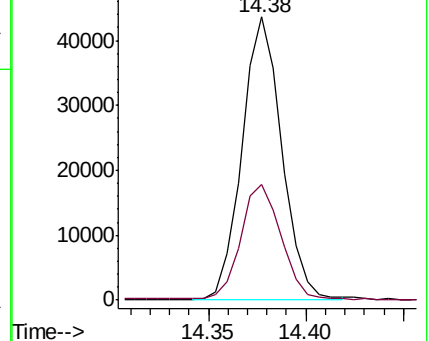
168 100

139 41.0 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 3.352 ng/ul

RT: 14.38 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

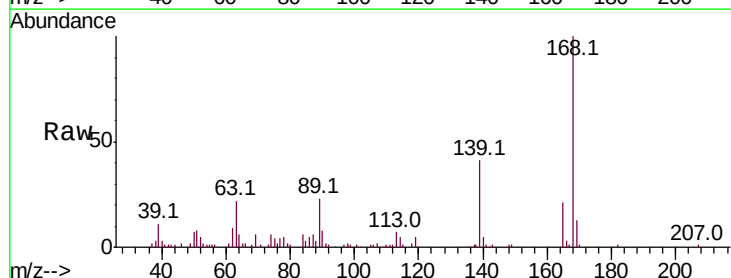
Tgt Ion:165 Resp: 13189

Ion Ratio Lower Upper

165 100

63 107.5 65.3 97.9#

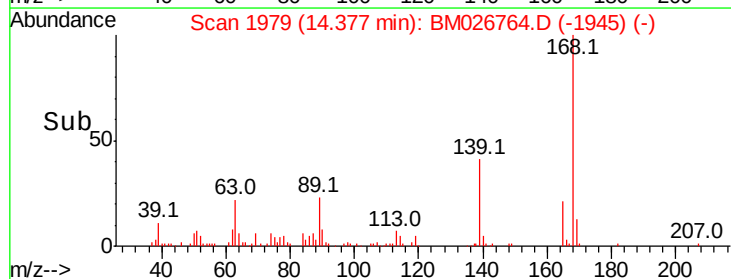
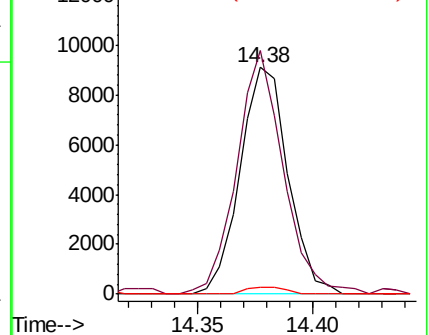
182 3.2 2.2 3.4



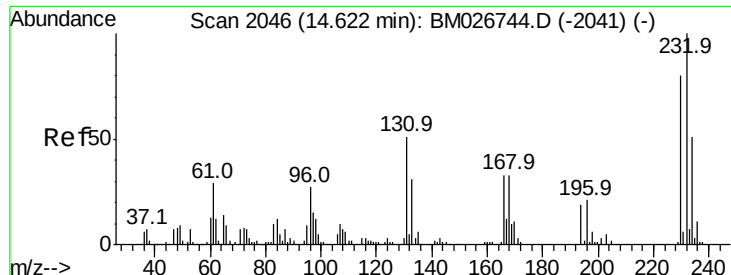
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



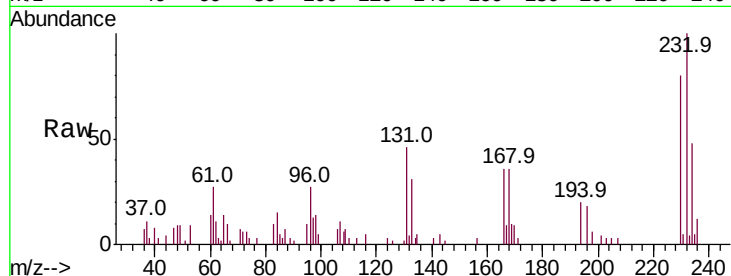




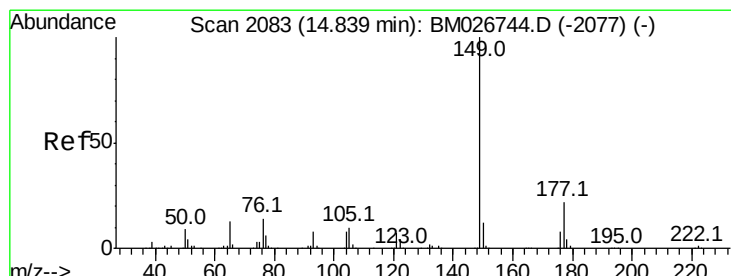
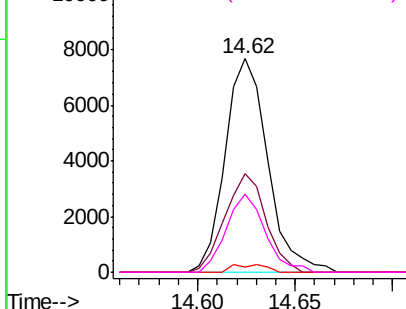
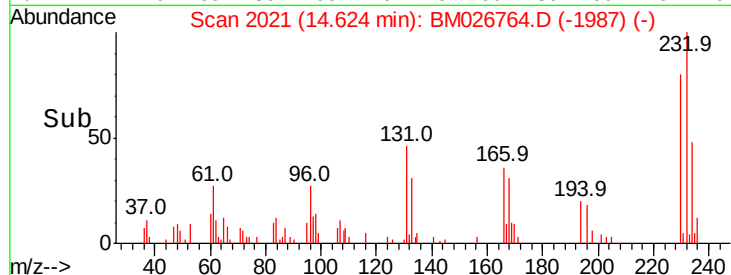
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 3.504 ng/ul  
 RT: 14.62 min Scan# 2021  
 Delta R.T. 0.00 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:232 Resp: 11604  
 Ion Ratio Lower Upper  
 232 100  
 131 46.3 33.4 50.0  
 130 2.4 2.2 3.2  
 166 36.4 25.2 37.8

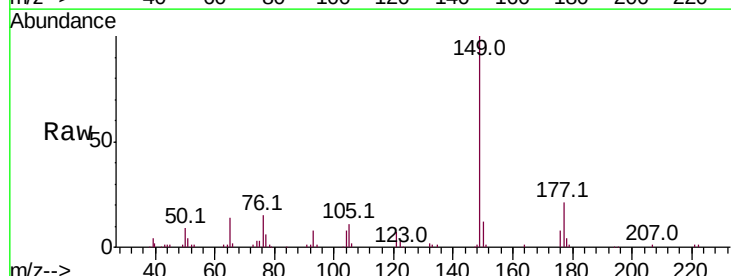


Abundance Ion 232.00 (231.70 to 232.70): E  
 12000 Ion 131.00 (130.70 to 131.70): E  
 10000 Ion 130.00 (129.70 to 130.70): E  
 8000 Ion 166.00 (165.70 to 166.70): E

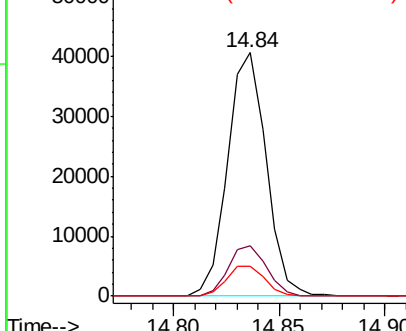
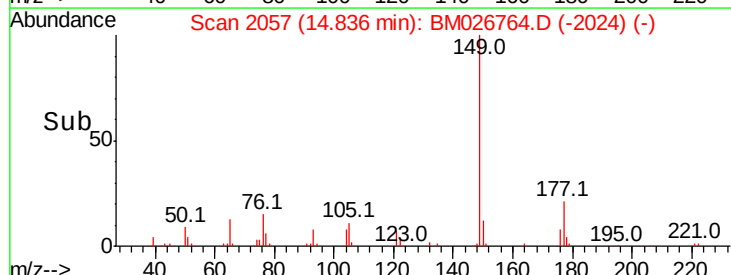


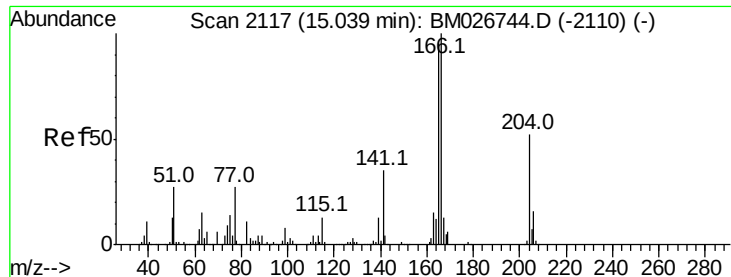
#57  
 Diethylphthalate  
 Concen: 3.719 ng/ul  
 RT: 14.84 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

Tgt Ion:149 Resp: 51162  
 Ion Ratio Lower Upper  
 149 100  
 177 20.9 16.6 25.0  
 150 12.4 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E  
 50000 Ion 177.00 (176.70 to 177.70): E  
 40000 Ion 150.00 (149.70 to 150.70): E

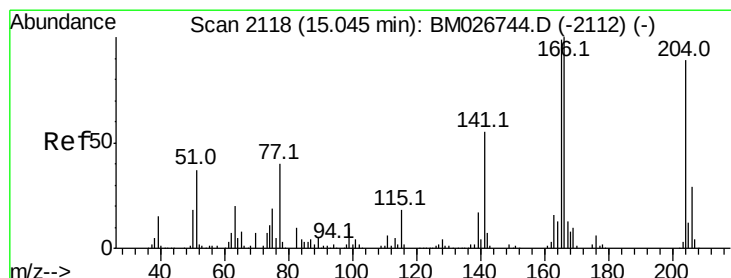
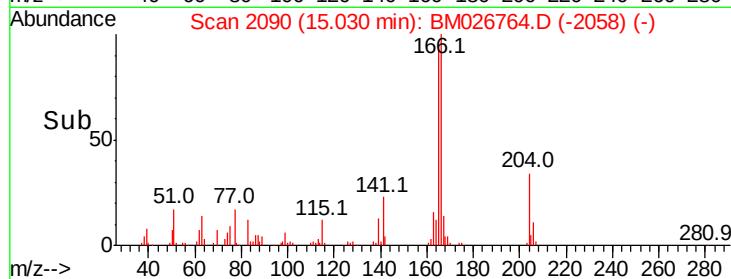
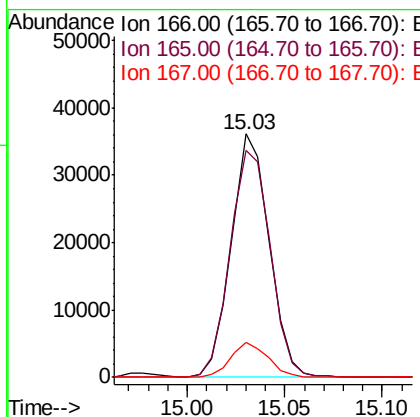
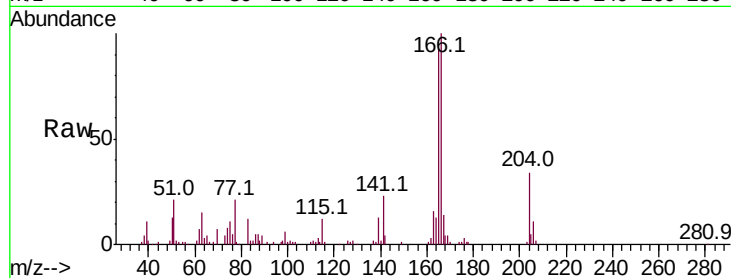




#59  
 Fluorene  
 Concen: 3.525 ng/ul  
 RT: 15.03 min Scan# 2090  
 Delta R.T. -0.01 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

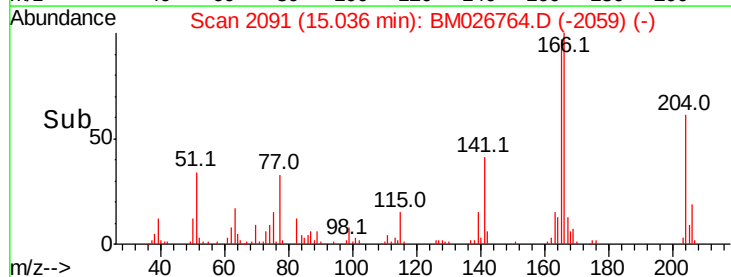
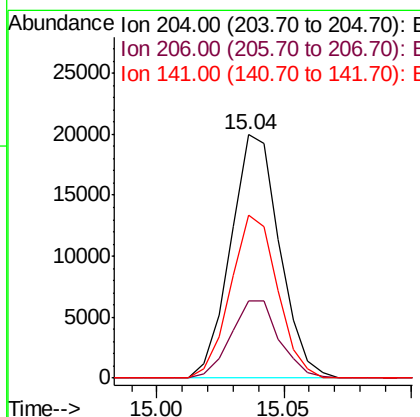
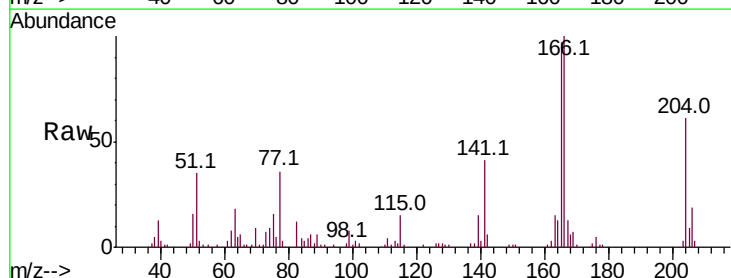
Instrument :  
 BNA\_M  
 ClientSampled :

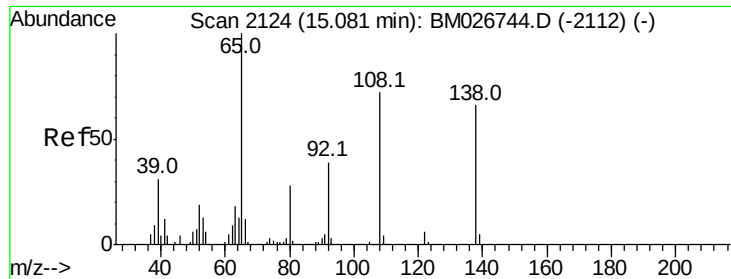
Tot Ion:166 Resp: 48884  
 Ion Ratio Lower Upper  
 166 100  
 165 93.4 77.0 115.4  
 167 14.5 10.7 16.1



#60  
 4-Chlorophenyl-phenylether  
 Concen: 3.723 ng/ul  
 RT: 15.04 min Scan# 2091  
 Delta R.T. -0.01 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

Tgt Ion:204 Resp: 26836  
 Ion Ratio Lower Upper  
 204 100  
 206 31.9 25.3 37.9  
 141 66.8 50.3 75.5

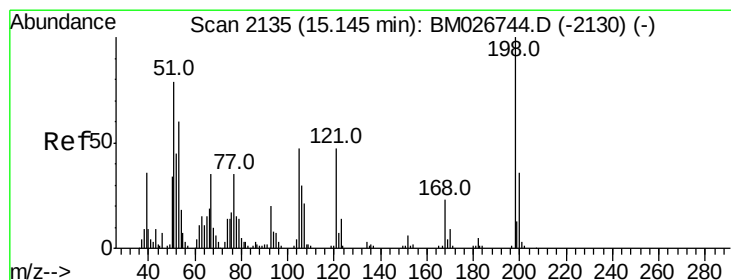
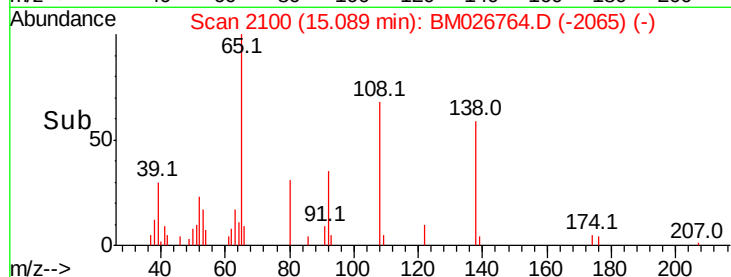
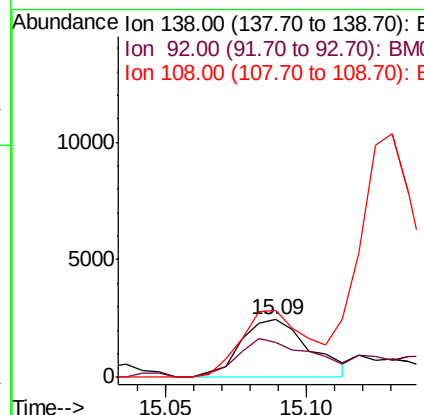
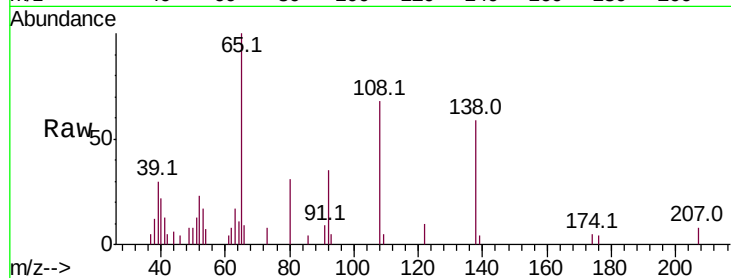




#61  
4-Nitroaniline  
Concen: 1.684 ng/ul  
RT: 15.09 min Scan# 2100  
Delta R.T. 0.01 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

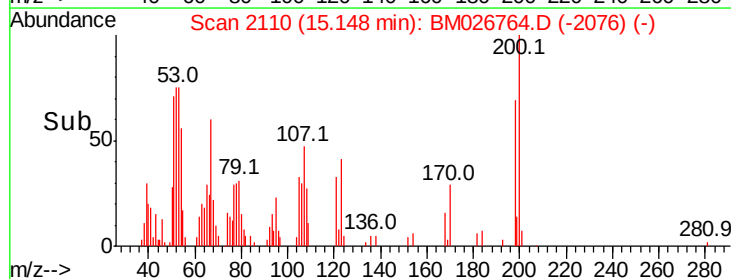
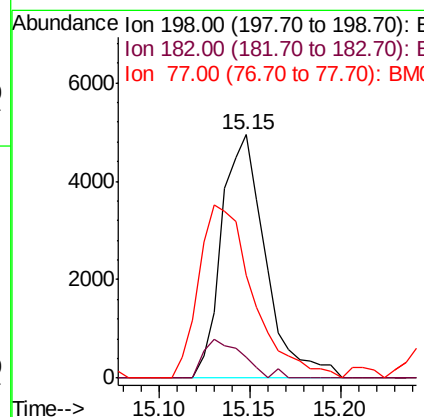
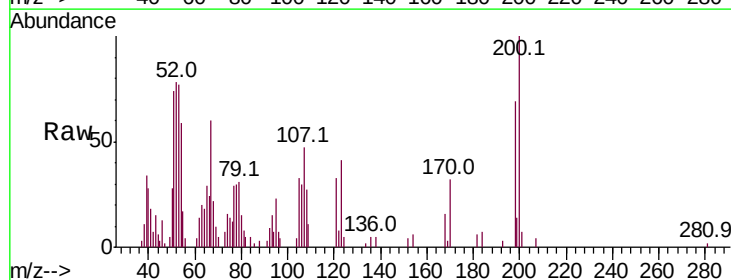
Instrument :  
BNA\_M  
ClientSampled :

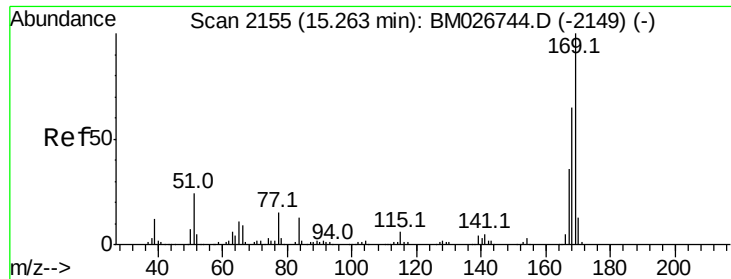
Tot Ion:138 Resp: 4188  
Ion Ratio Lower Upper  
138 100  
92 59.4 47.7 71.5  
108 115.8 82.6 123.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 3.845 ng/ul  
RT: 15.15 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

Tgt Ion:198 Resp: 8343  
Ion Ratio Lower Upper  
198 100  
182 8.4 4.0 6.0#  
77 42.4 26.7 40.1#

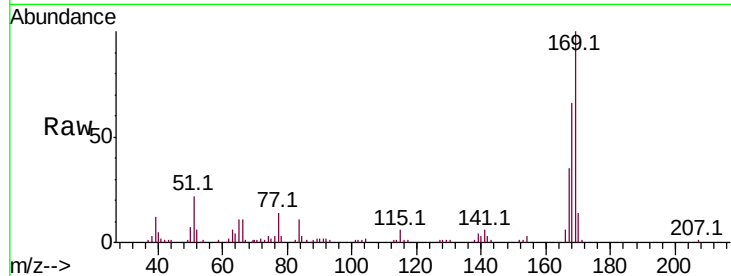




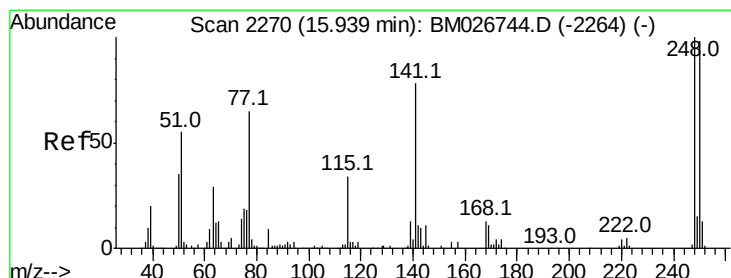
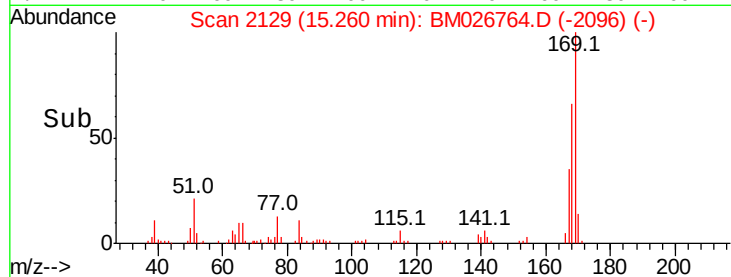
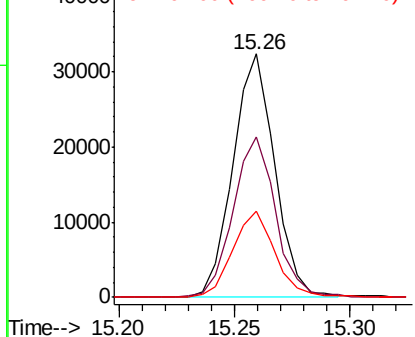
#65  
N-Nitrosodiphenylamine  
Concen: 3.717 ng/ul  
RT: 15.26 min Scan# 2129  
Delta R.T. -0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:169 Resp: 40748  
Ion Ratio Lower Upper  
169 100  
168 65.7 51.7 77.5  
167 35.4 28.4 42.6

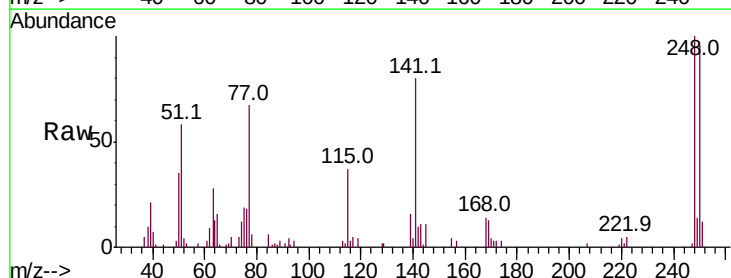


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

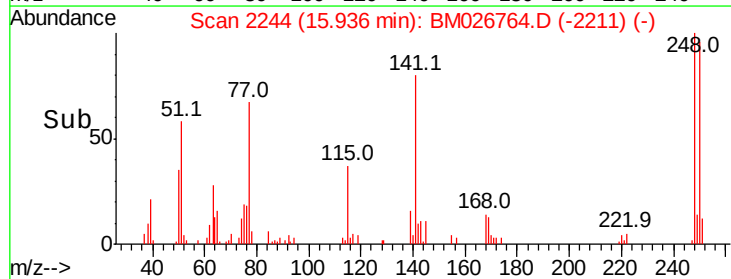
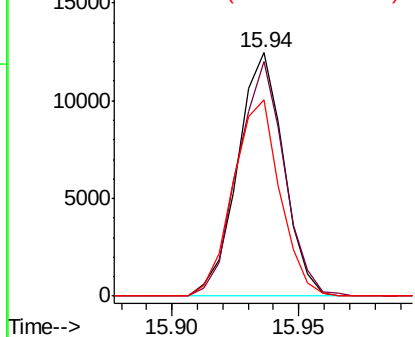


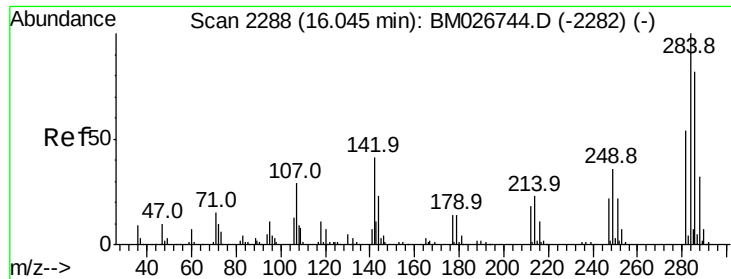
#66  
4-Bromophenyl-phenylether  
Concen: 3.987 ng/ul  
RT: 15.94 min Scan# 2244  
Delta R.T. -0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

Tgt Ion:248 Resp: 15761  
Ion Ratio Lower Upper  
248 100  
250 96.4 77.4 116.0  
141 80.5 66.1 99.1



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





#67

Hexachlorobenzene

Concen: 3.832 ng/ul

RT: 16.04 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

BNA\_M

ClientSampleId :

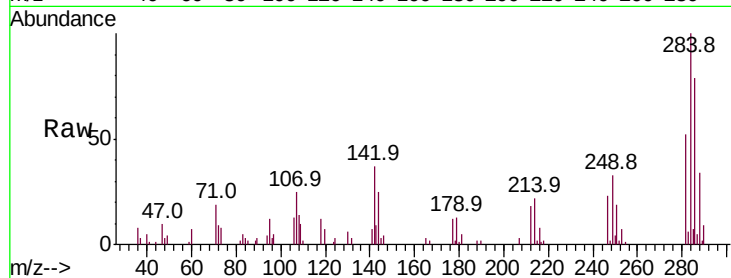
Tot Ion:284 Resp: 17259

Ion Ratio Lower Upper

284 100

142 36.5 27.1 40.7

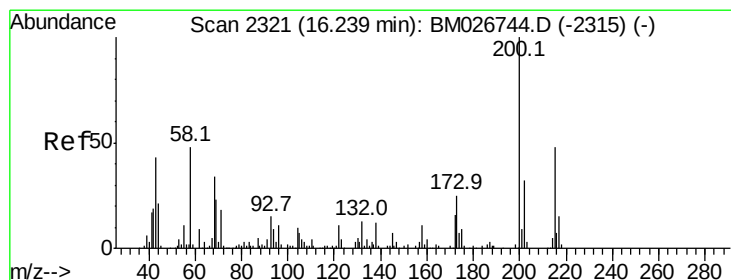
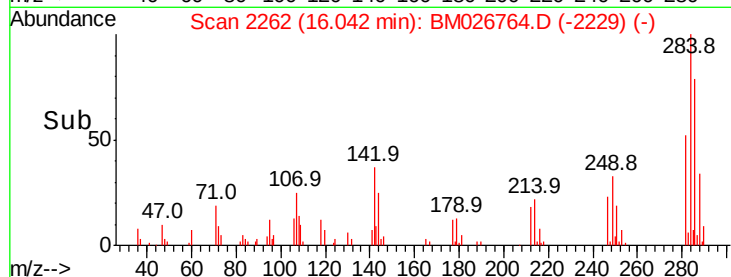
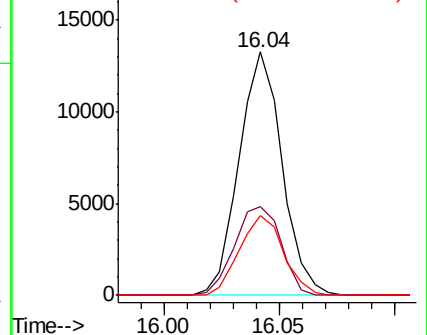
249 37.5 25.8 38.6



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 3.940 ng/ul

RT: 16.23 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

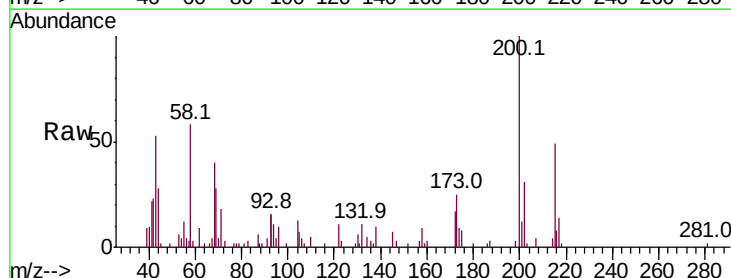
Tgt Ion:200 Resp: 14074

Ion Ratio Lower Upper

200 100

173 24.8 20.8 31.2

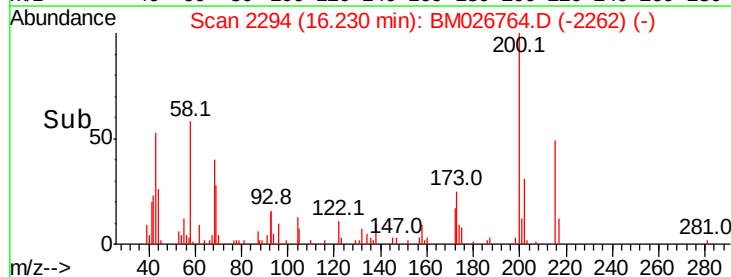
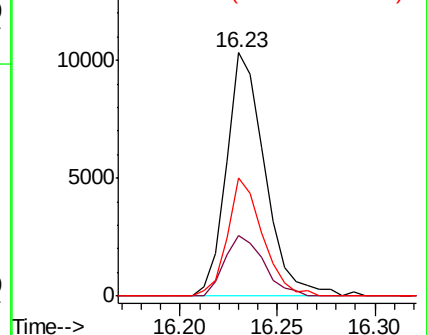
215 48.6 37.8 56.8

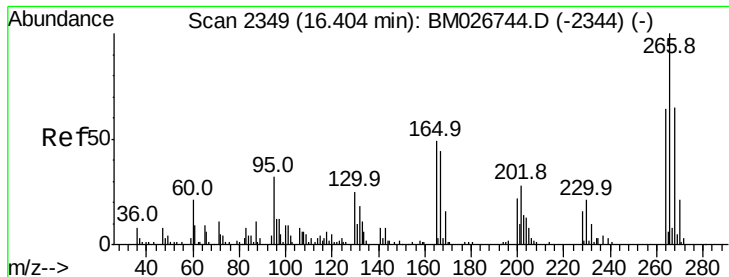


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

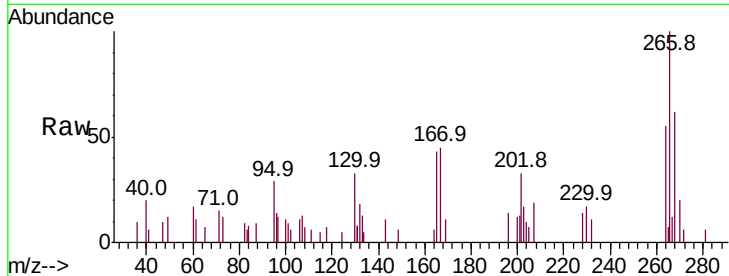




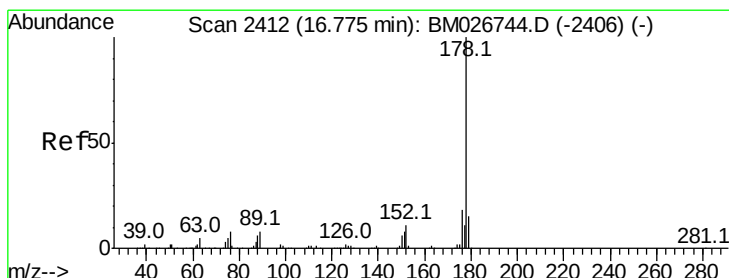
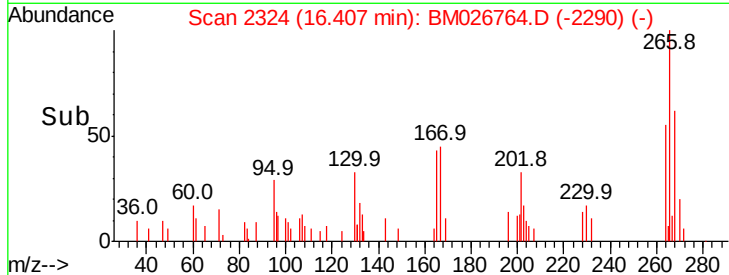
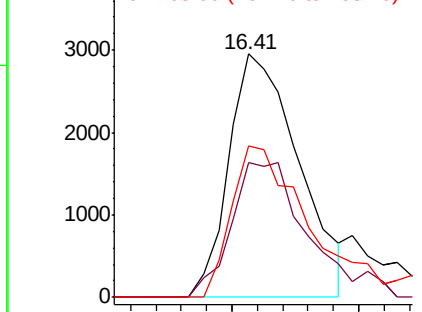
#69  
 Pentachlorophenol  
 Concen: 2.552 ng/ul  
 RT: 16.41 min Scan# 2324  
 Delta R.T. 0.00 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 55.3  | 49.9  | 74.9  |
| 268     | 62.5  | 51.4  | 77.0  |

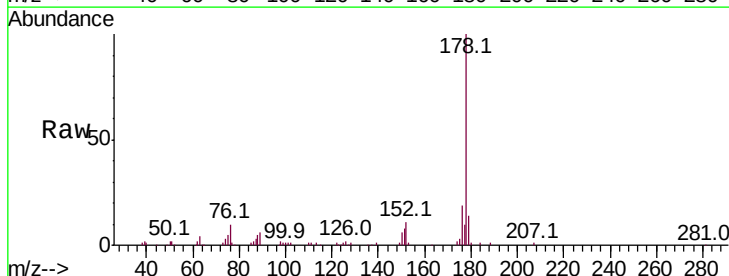


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

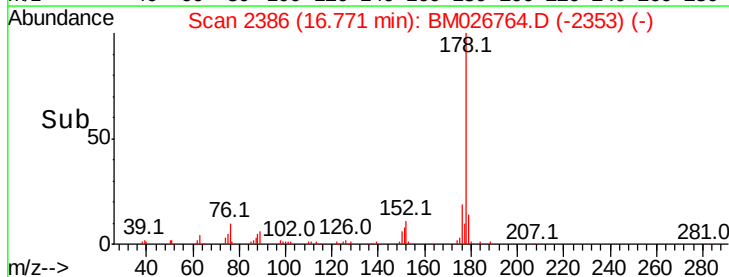
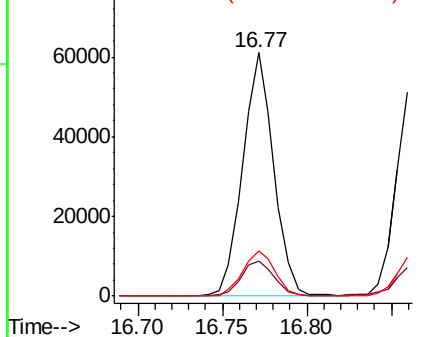


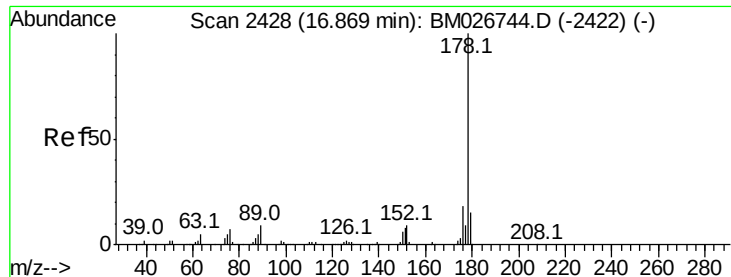
#70  
 Phenanthrene  
 Concen: 3.812 ng/ul  
 RT: 16.77 min Scan# 2386  
 Delta R.T. -0.00 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.4  | 12.4  | 18.6  |
| 176     | 18.5  | 14.3  | 21.5  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.861 ng/ul

RT: 16.87 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

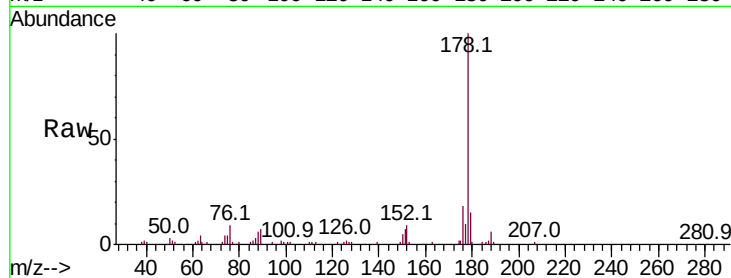
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:178 Resp: 79537

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.5  | 11.8  | 17.6  |
| 176 | 18.1  | 14.7  | 22.1  |

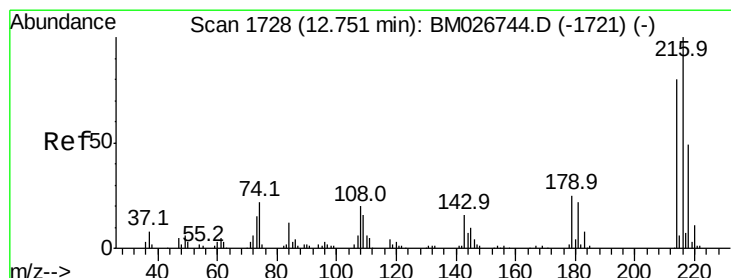
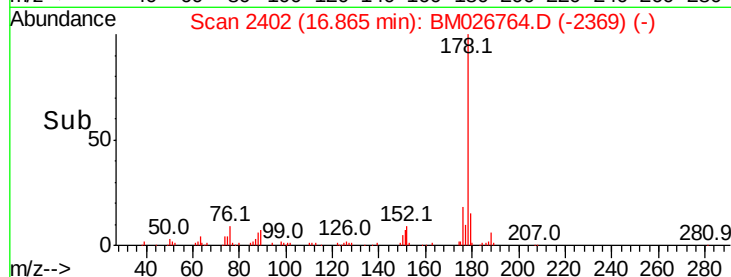
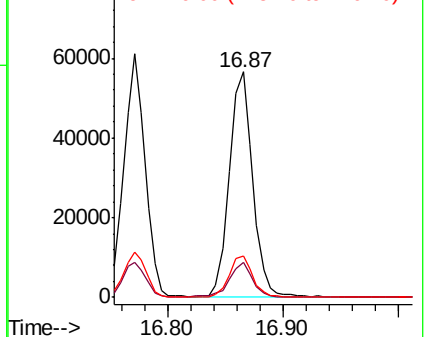


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 4.029 ng/uL

RT: 12.75 min Scan# 1702

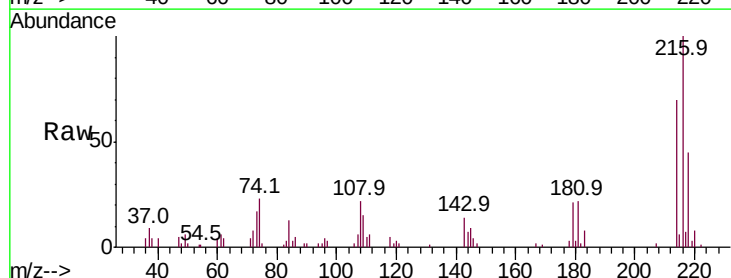
Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Tgt Ion:216 Resp: 22777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 69.6  | 63.8  | 95.8  |
| 218 | 44.9  | 38.5  | 57.7  |

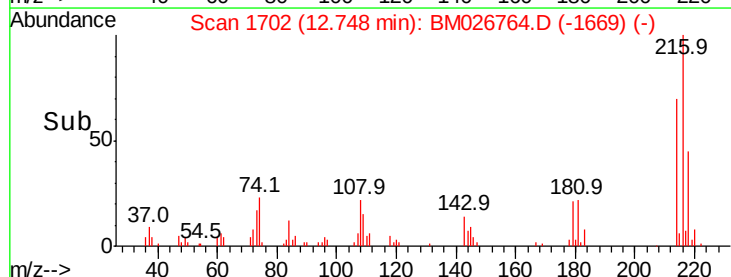
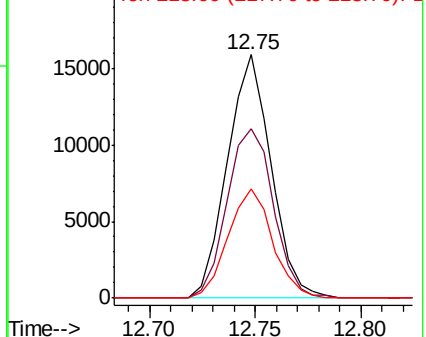


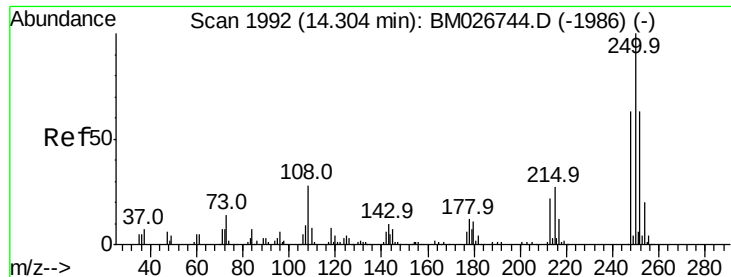
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 4.112 ng/uL

RT: 14.30 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

BNA\_M

ClientSampleId :

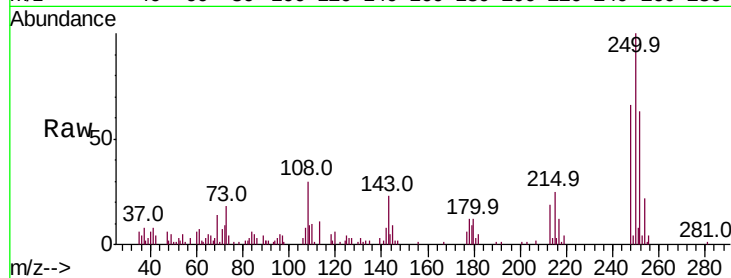
Tot Ion:250 Resp: 22267

Ion Ratio Lower Upper

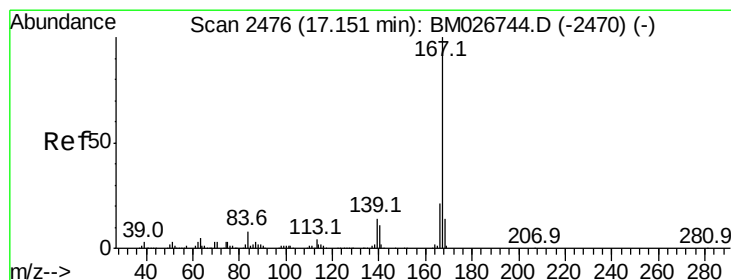
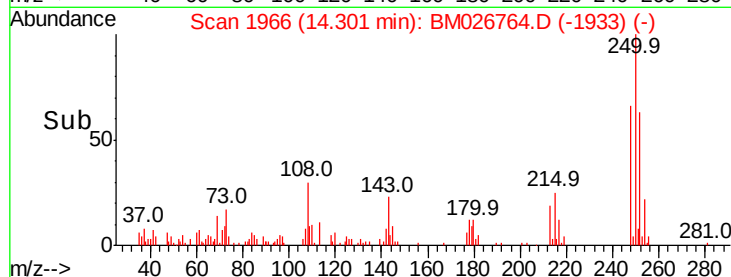
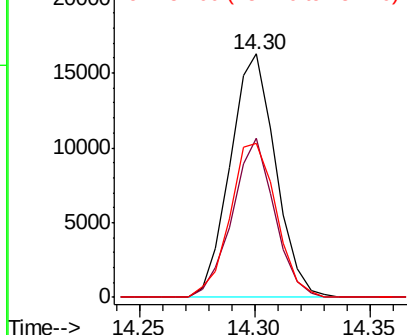
250 100

248 65.6 51.3 76.9

252 63.2 50.9 76.3



Abundance Ion 250.00 (249.70 to 250.70): E  
Ion 248.00 (247.70 to 248.70): E  
Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 3.617 ng/uL

RT: 17.15 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

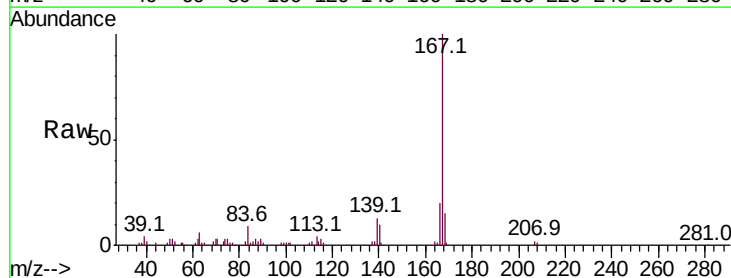
Tgt Ion:167 Resp: 59655

Ion Ratio Lower Upper

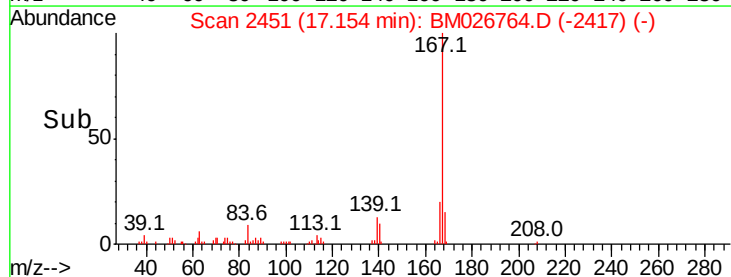
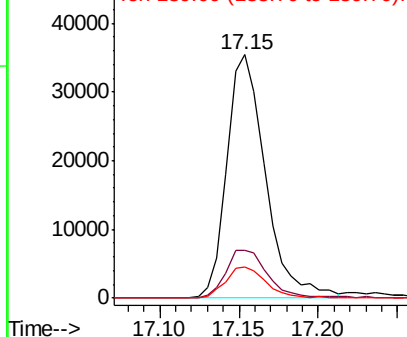
167 100

166 19.8 17.4 26.0

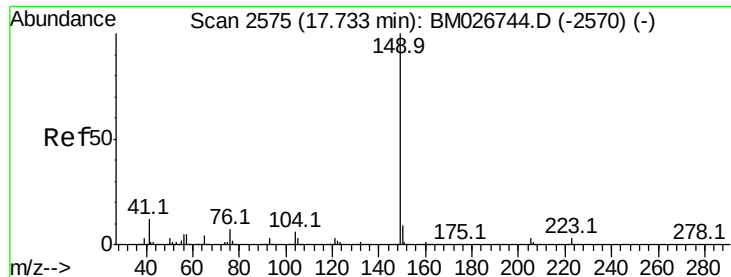
139 12.8 10.6 15.8



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



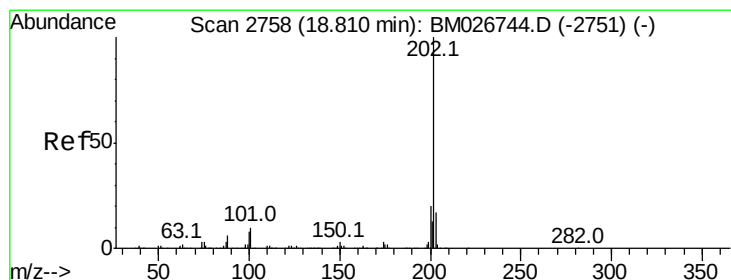
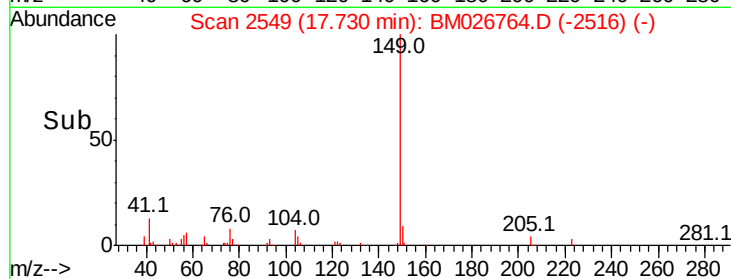
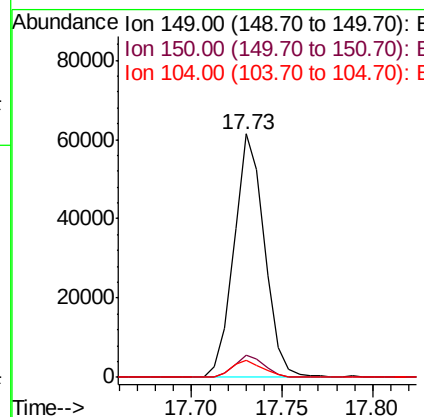
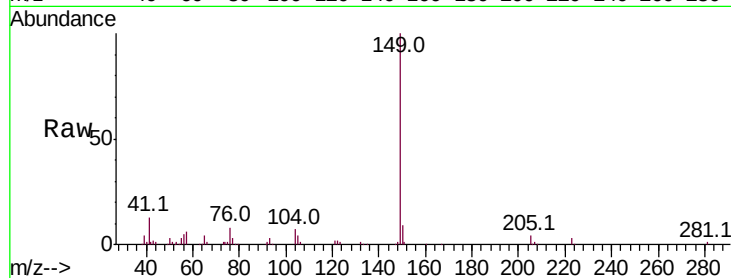




#76  
Di-n-butylphthalate  
Concen: 3.618 ng/ul  
RT: 17.73 min Scan# 2549  
Delta R.T. -0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

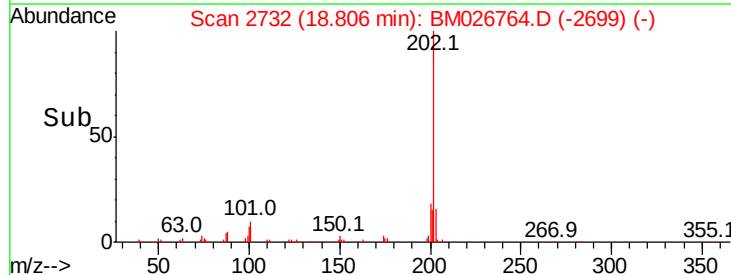
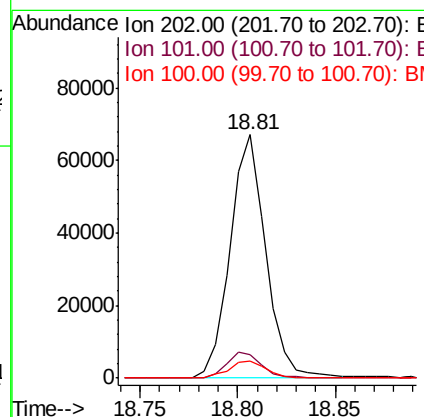
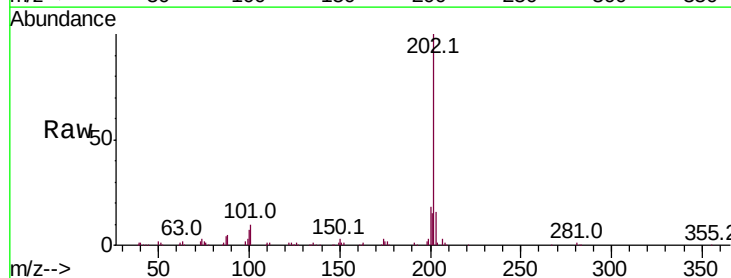
Instrument :  
BNA\_M  
ClientSampleId :

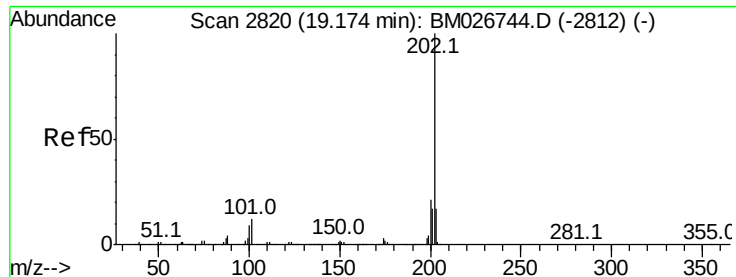
Tot Ion:149 Resp: 72199  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.1 10.7  
104 7.0 5.2 7.8



#77  
Fluoranthene  
Concen: 4.015 ng/ul  
RT: 18.81 min Scan# 2732  
Delta R.T. -0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

Tgt Ion:202 Resp: 84805  
Ion Ratio Lower Upper  
202 100  
101 9.8 8.5 12.7  
100 6.8 6.9 10.3#

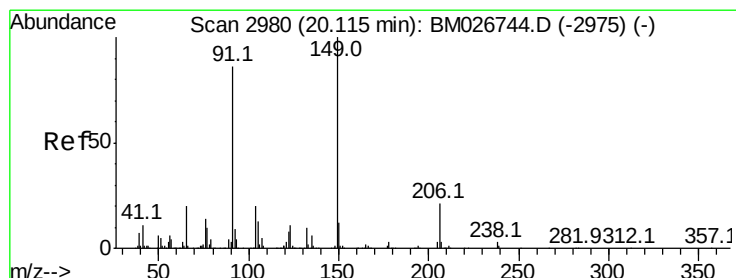
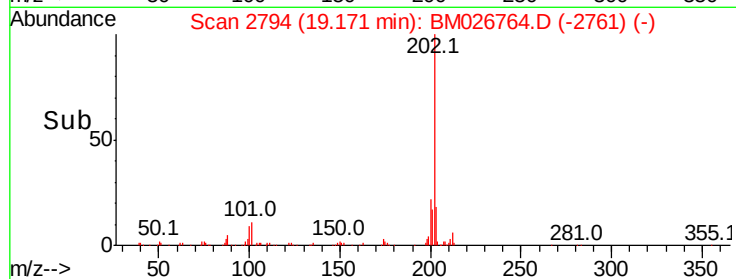
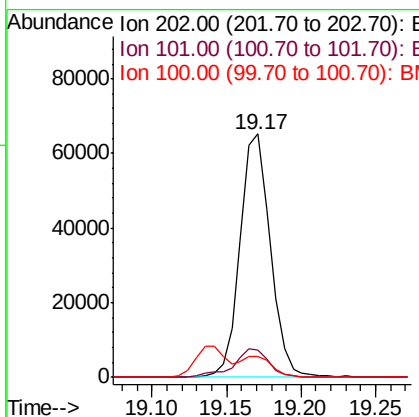
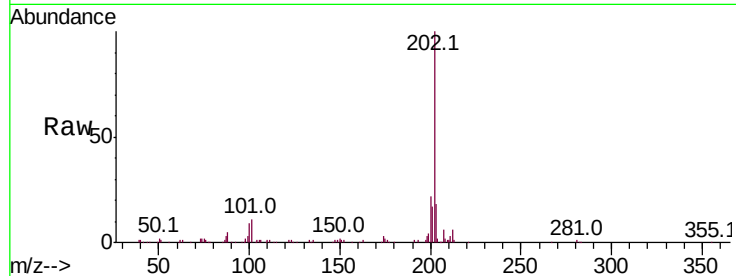




#80  
Pvrene  
Concen: 3.999 ng/ul  
RT: 19.17 min Scan# 2794  
Delta R.T. -0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

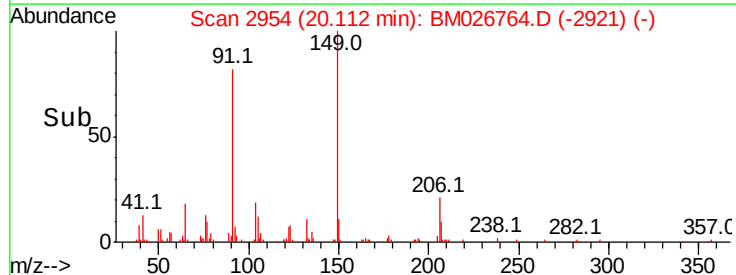
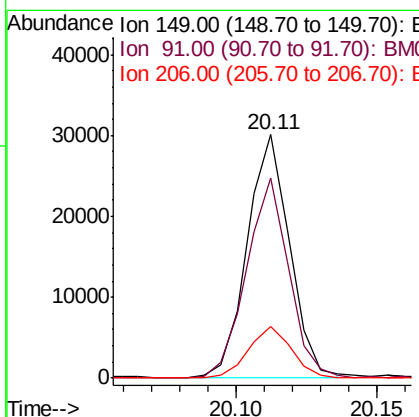
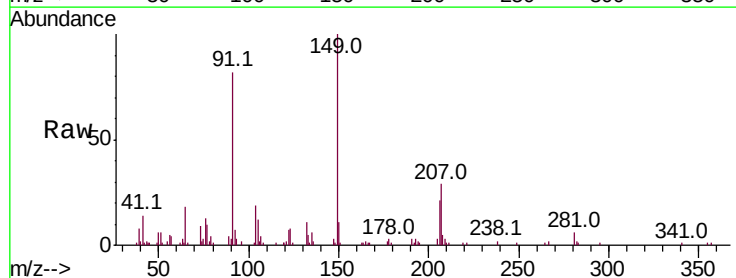
Instrument :  
BNA\_M  
ClientSampleId :

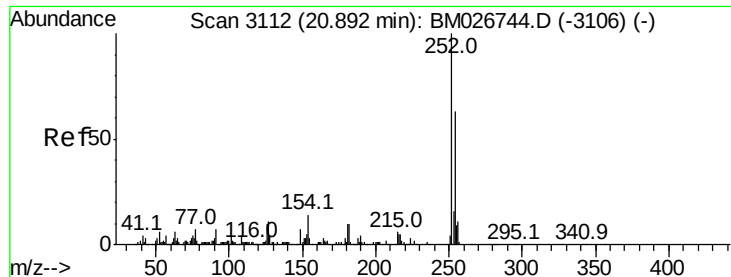
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.3  | 9.4   | 14.2  |
| 100     | 8.7   | 8.0   | 12.0  |



#81  
Butylbenzylphthalate  
Concen: 3.856 ng/ul  
RT: 20.11 min Scan# 2954  
Delta R.T. -0.00 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 82.1  | 66.4  | 99.6  |
| 206     | 21.1  | 16.3  | 24.5  |

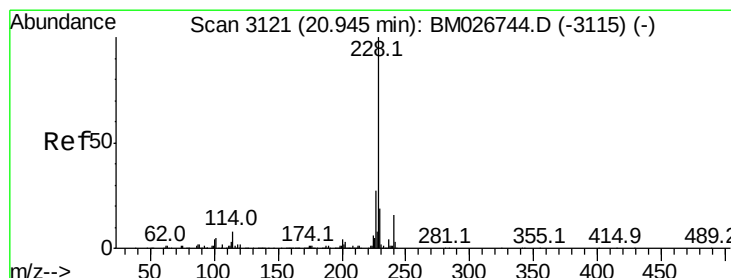
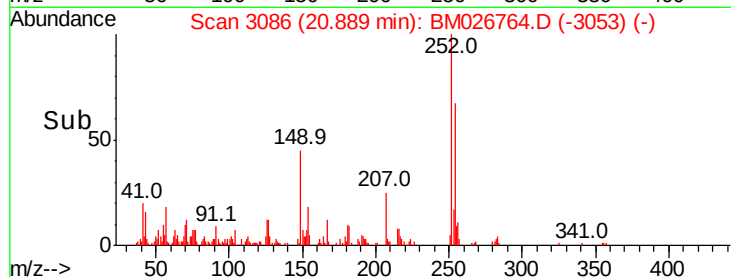
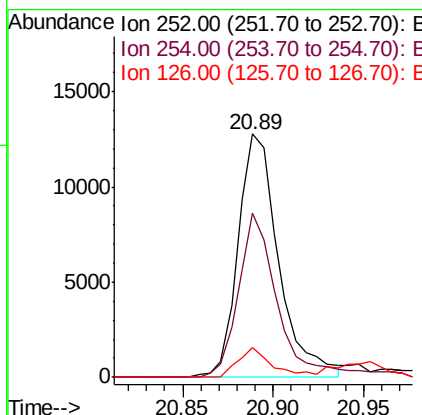
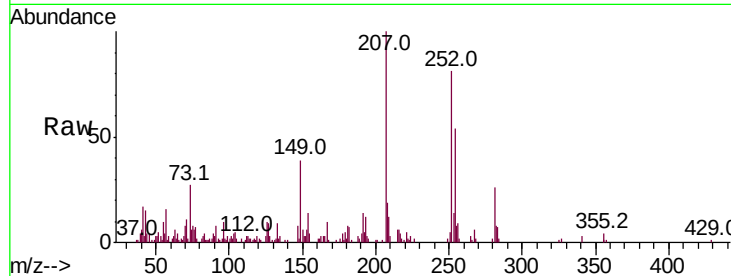




#82  
 3,3'-Dichlorobenzidine  
 Concen: 3.039 ng/ul  
 RT: 20.89 min Scan# 3086  
 Delta R.T. -0.00 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

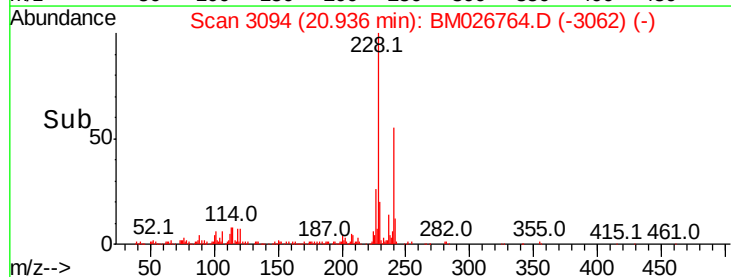
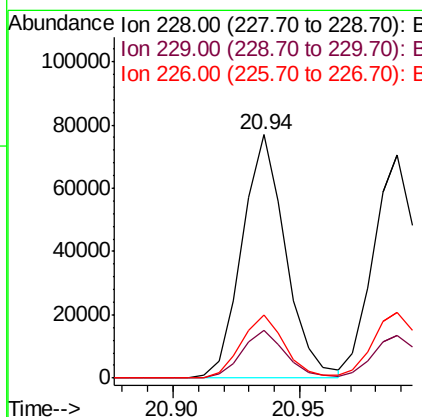
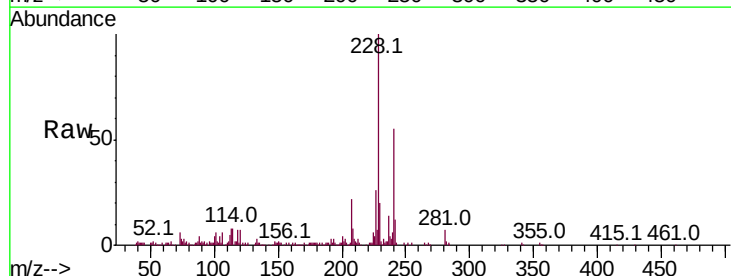
Instrument :  
 BNA\_M  
 ClientSampleId :

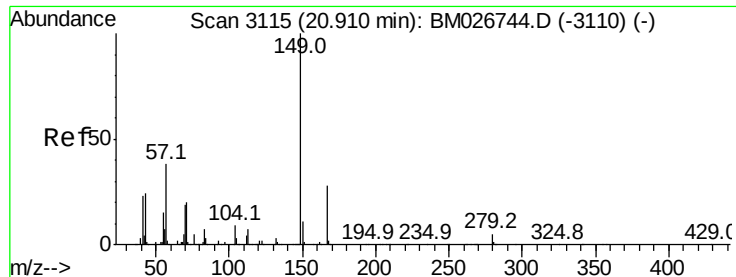
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 67.3  | 51.3  | 76.9  |
| 126     | 12.1  | 8.1   | 12.1  |



#83  
 Benzo(a)anthracene  
 Concen: 4.108 ng/ul  
 RT: 20.94 min Scan# 3094  
 Delta R.T. -0.01 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 19.6  | 15.4  | 23.0  |
| 226     | 25.8  | 21.2  | 31.8  |





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.628 ng/ul

RT: 20.90 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

BNA\_M

ClientSampleId :

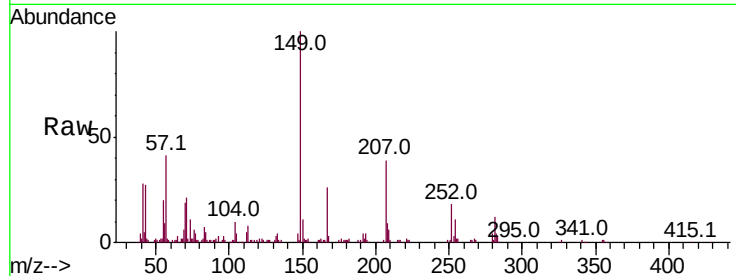
Tot Ion:149 Resp: 44224

Ion Ratio Lower Upper

149 100

167 25.8 22.1 33.1

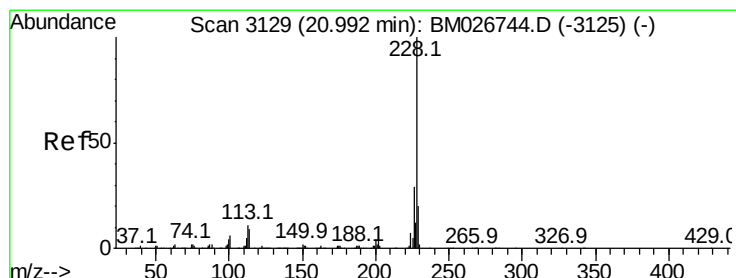
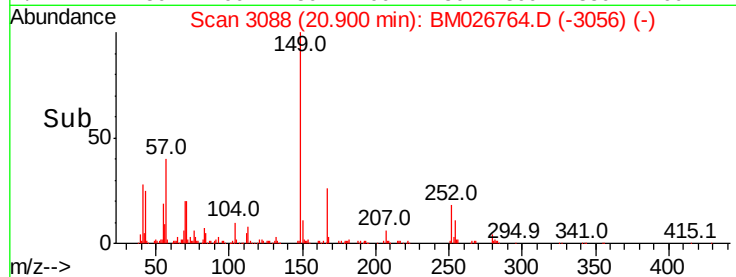
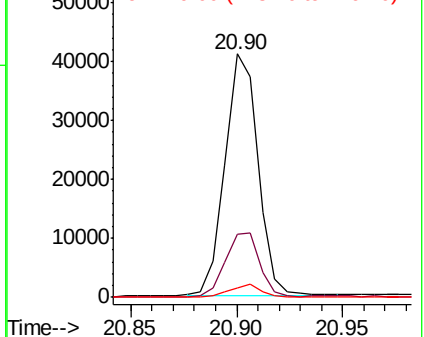
279 4.0 3.6 5.4



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

Chrysene

Concen: 3.896 ng/ul

RT: 20.99 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

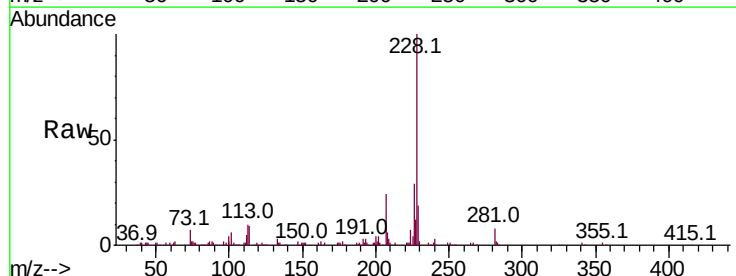
Tgt Ion:228 Resp: 86628

Ion Ratio Lower Upper

228 100

226 29.5 23.0 34.6

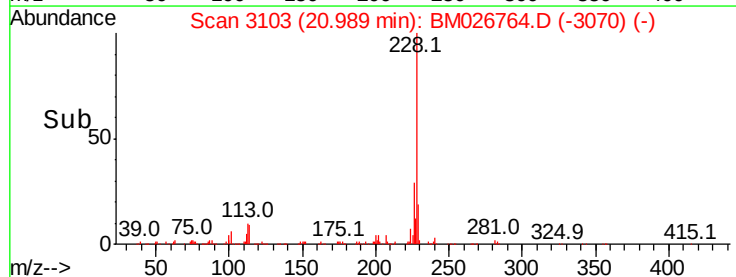
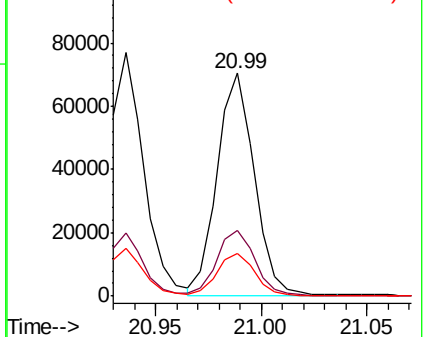
229 19.0 15.5 23.3

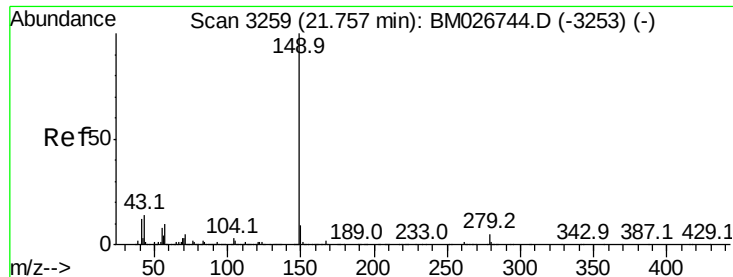


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

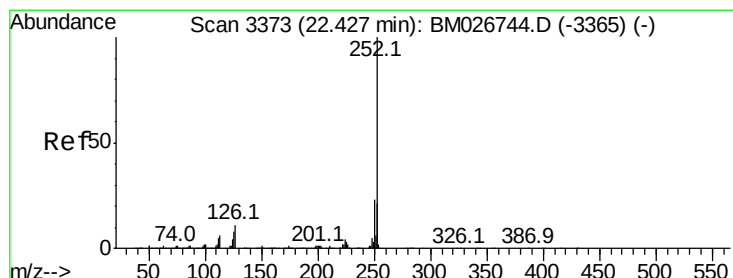
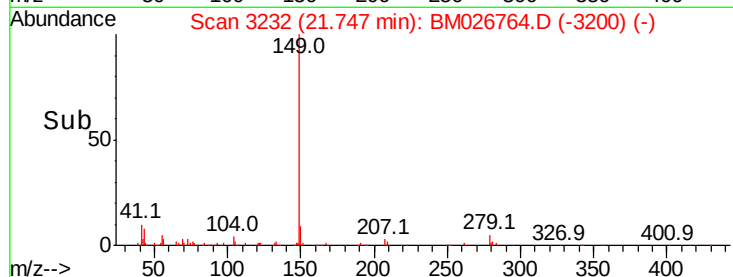
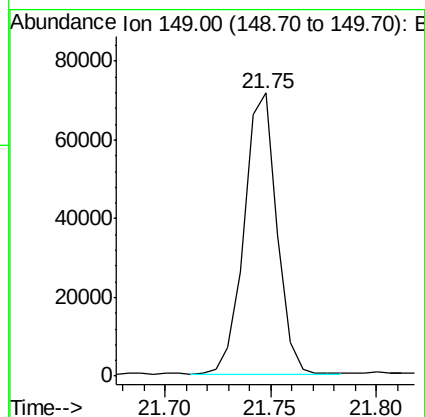
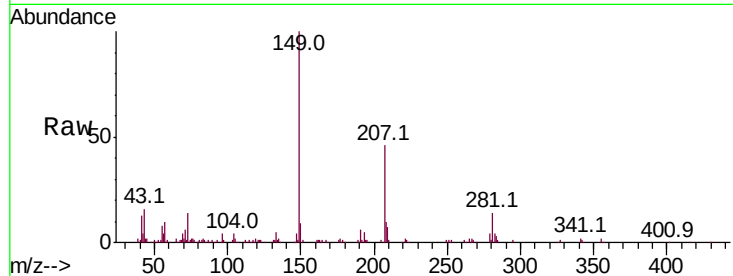




#87  
 Di-n-octyl phthalate  
 Concen: 3.199 ng/ul  
 RT: 21.75 min Scan# 3232  
 Delta R.T. -0.01 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

Instrument :  
 BNA\_M  
 ClientSampled :

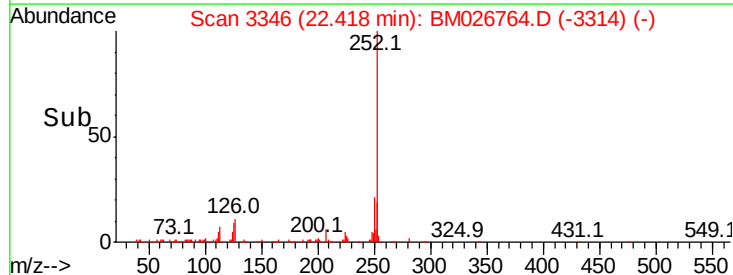
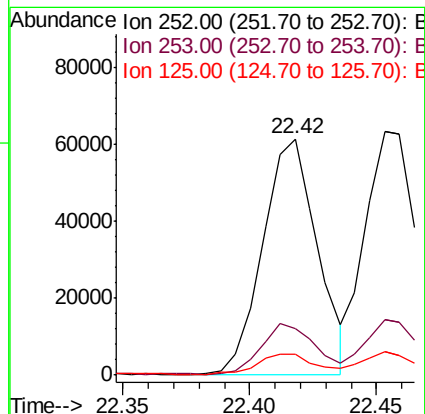
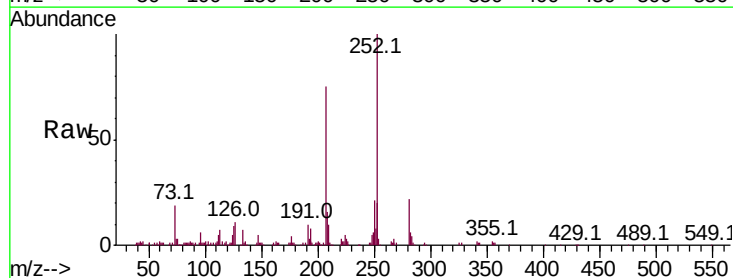
Tgt Ion:149 Resp: 76530

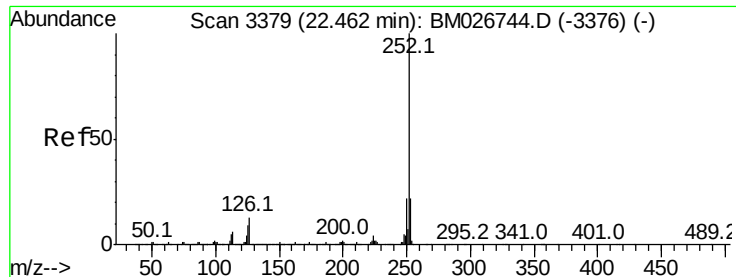


#88  
 Benzo(b)fluoranthene  
 Concen: 3.520 ng/ul  
 RT: 22.42 min Scan# 3346  
 Delta R.T. -0.01 min  
 Lab File: BM026764.D  
 Acq: 14 Jul 2020 22:39

Tgt Ion:252 Resp: 92816  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 19.9  | 17.2  | 25.8  |
| 125 | 9.0   | 7.6   | 11.4  |





#89

Benzo(k)fluoranthene

Concen: 3.568 ng/ul

RT: 22.45 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

BNA\_M

ClientSampleId :

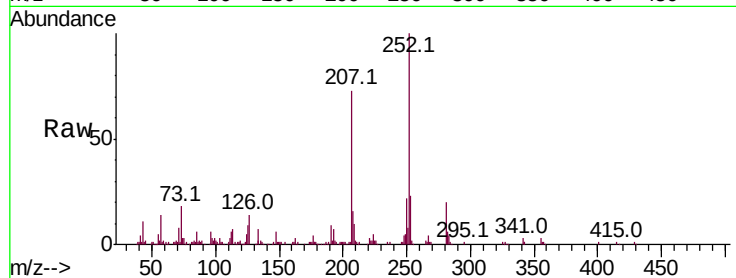
Tot Ion:252 Resp: 93254

Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

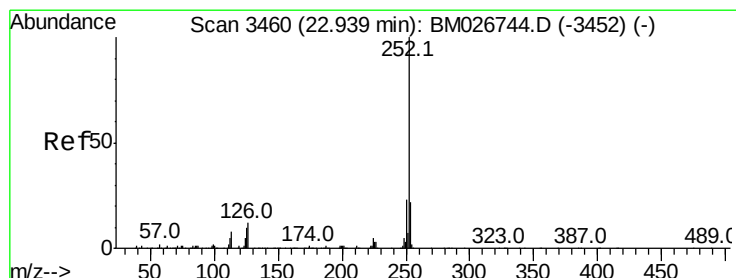
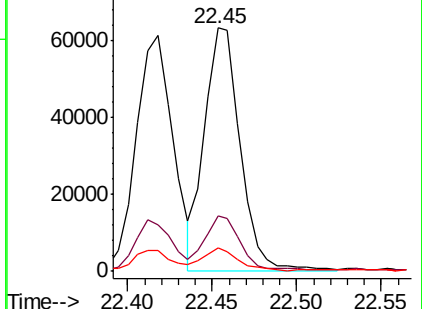
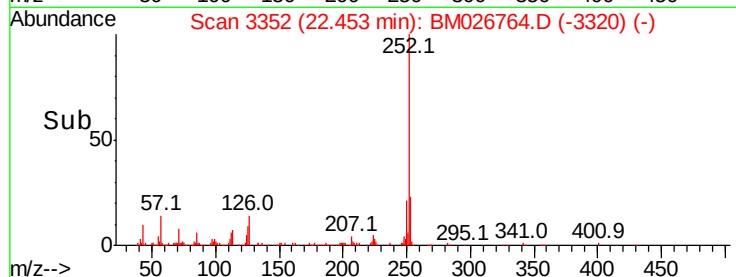
125 9.4 7.7 11.5



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



#91

Benzo(a)pyrene

Concen: 4.071 ng/ul

RT: 22.93 min Scan# 3433

Delta R.T. -0.01 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

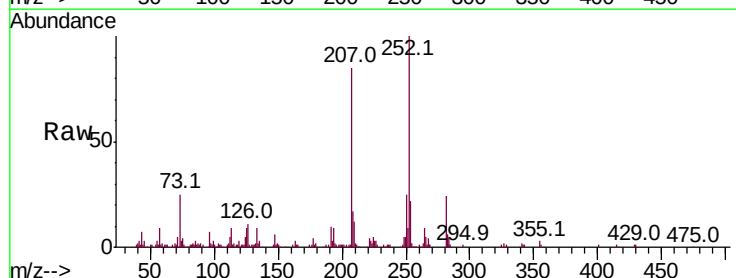
Tgt Ion:252 Resp: 95235

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

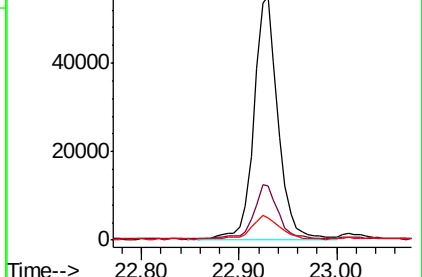
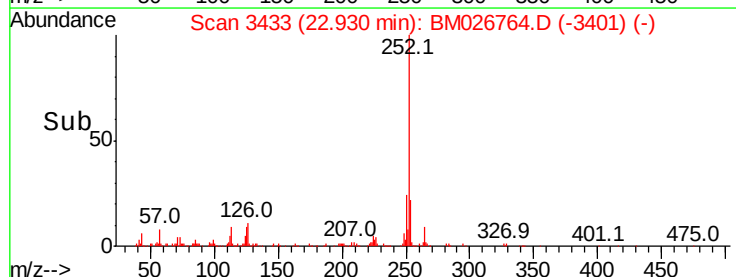
125 9.4 7.5 11.3

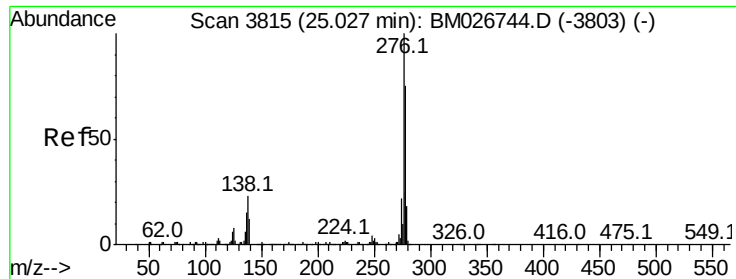


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



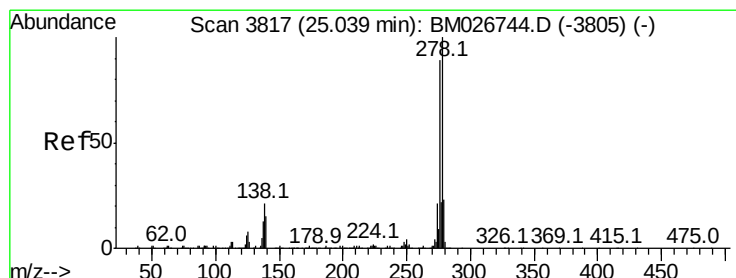
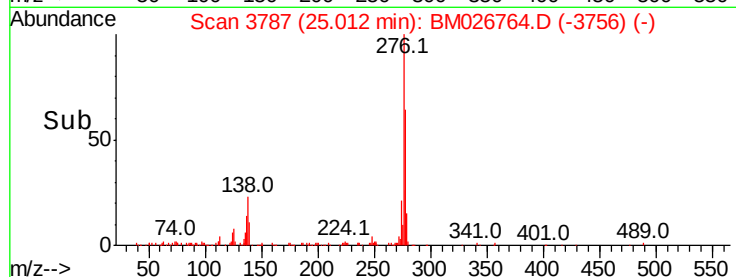
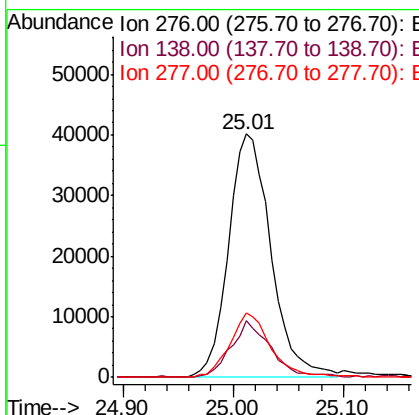
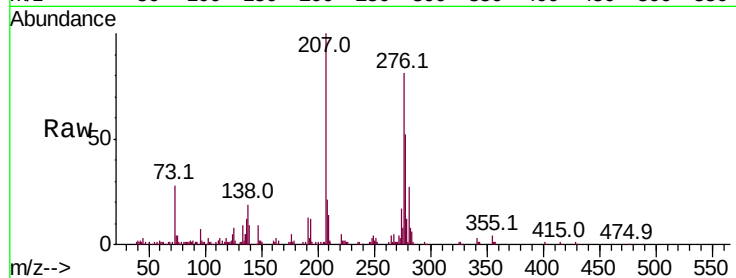


#92

Indeno(1,2,3-cd)pyrene  
Concen: 3.549 ng/ul  
RT: 25.01 min Scan# 3787  
Delta R.T. -0.02 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

Instrument :  
BNA\_M  
ClientSampled :

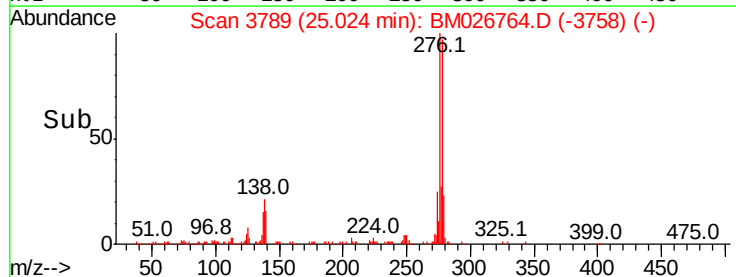
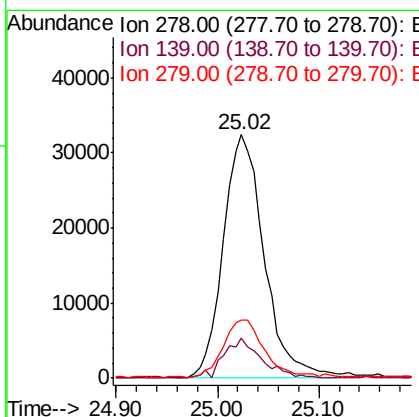
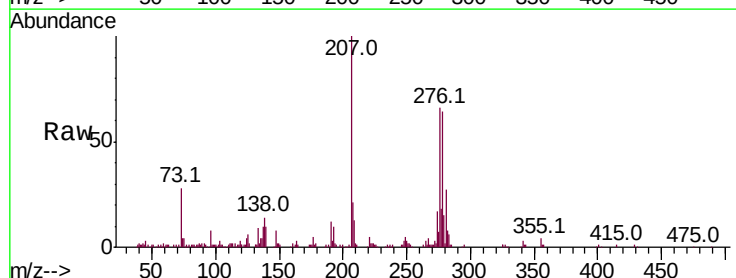
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.3  | 18.2  | 27.4  |
| 277     | 26.5  | 19.5  | 29.3  |

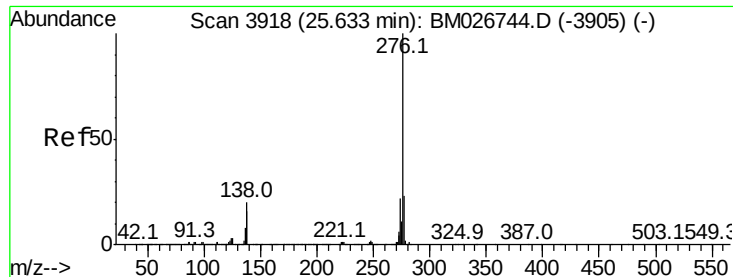


#93

Dibenzo(a,h)anthracene  
Concen: 3.528 ng/ul  
RT: 25.02 min Scan# 3789  
Delta R.T. -0.02 min  
Lab File: BM026764.D  
Acq: 14 Jul 2020 22:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.2  | 11.4  | 17.2  |
| 279     | 23.6  | 18.6  | 28.0  |





#94

Benzo(a,h,i)perylene

Concen: 3.615 ng/ul

RT: 25.62 min Scan# 3890

Delta R.T. -0.02 min

Lab File: BM026764.D

Acq: 14 Jul 2020 22:39

Instrument :

BNA\_M

ClientSampleId :

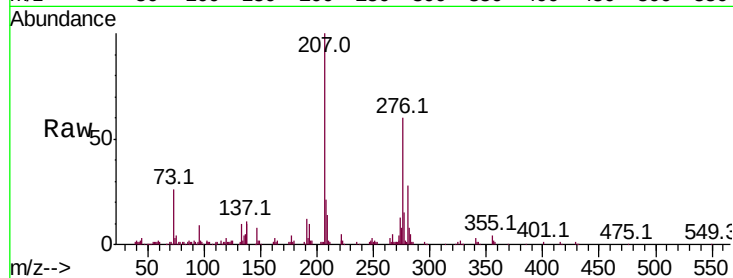
Tot Ion:276 Resp: 92056

Ion Ratio Lower Upper

276 100

138 17.6 15.6 23.4

277 24.3 18.6 27.8



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

