

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\  
 Data File : BM015774.D  
 Acq On : 05 Jul 2018 19:16  
 Operator : SJ/JU  
 Sample : J3814-03MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

Manual Integrations  
 APPROVED

Sohil  
 7/6/2018 5:21:46 PM

Quant Time: Jul 06 07:04:58 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 05 17:39:50 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.31  | 152  | 121335   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.15 | 136  | 510515   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.93 | 164  | 293454   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.66 | 188  | 656739   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.77 | 240  | 693314   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.17 | 264  | 594753   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.82  | 112 | 951681  | 134.51 | ng | 0.00 |
| 7) Phenol-d6             | 7.47  | 99  | 1130283 | 116.69 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.50  | 82  | 941571  | 89.99  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.42 | 330 | 561323  | 146.39 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.56 | 172 | 2051853 | 86.81  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.22 | 244 | 3367124 | 90.08  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |         |    | Qvalue |
|--------------------------------|-------|-----|---------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.58  | 88  | 94411   | 32.265  | ng | # 100  |
| 3) Pyridine                    | 4.03  | 79  | 200862  | 26.014  | ng | # 80   |
| 4) n-Nitrosodimethylamine      | 3.93  | 42  | 213506  | 35.512  | ng | # 46   |
| 6) Aniline                     | 7.64  | 93  | 166324  | 14.164  | ng | 93     |
| 8) 2-Chlorophenol              | 7.87  | 128 | 365208  | 43.010  | ng | 97     |
| 9) Benzaldehyde                | 7.45  | 77  | 148021  | 24.247  | ng | 90     |
| 10) Phenol                     | 7.50  | 94  | 355202  | 36.497  | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.73  | 93  | 313679  | 39.621  | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 8.20  | 146 | 376484  | 39.990  | ng | # 92   |
| 13) 1,4-Dichlorobenzene        | 8.35  | 146 | 385540  | 39.601  | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.67  | 146 | 376318  | 39.968  | ng | 95     |
| 15) Benzyl Alcohol             | 8.56  | 79  | 338114  | 40.209  | ng | 89     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.84  | 45  | 484389  | 56.022  | ng | 98     |
| 17) 2-Methylphenol             | 8.76  | 107 | 284927  | 42.257  | ng | # 87   |
| 18) Hexachloroethane           | 9.40  | 117 | 156328  | 40.609  | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 9.13  | 70  | 292576  | 37.586  | ng | # 81   |
| 20) 3+4-Methylphenols          | 9.10  | 107 | 377895  | 40.348  | ng | 91     |
| 22) Acetophenone               | 9.16  | 105 | 543093  | 40.837  | ng | # 88   |
| 24) Nitrobenzene               | 9.55  | 77  | 440427  | 43.242  | ng | 99     |
| 25) Isophorone                 | 10.07 | 82  | 756611  | 47.376  | ng | 95     |
| 26) 2-Nitrophenol              | 10.26 | 139 | 192880  | 43.978  | ng | # 64   |
| 27) 2,4-Dimethylphenol         | 10.30 | 122 | 326569  | 49.015  | ng | 88     |
| 28) bis(2-Chloroethoxy)methane | 10.54 | 93  | 440804  | 42.366  | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.79 | 162 | 343240  | 46.515  | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 11.00 | 180 | 364996  | 42.586  | ng | 97     |
| 31) Naphthalene                | 11.19 | 128 | 1114643 | 42.113  | ng | 99     |
| 32) Benzoic acid               | 10.48 | 122 | 198536m | 33.656  | ng |        |
| 33) 4-Chloroaniline            | 11.32 | 127 | 76081   | 7.050   | ng | # 89   |
| 34) Hexachlorobutadiene        | 11.45 | 225 | 233786  | 40.872  | ng | 97     |
| 35) Caprolactam                | 12.12 | 113 | 73553m  | 30.056  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.42 | 107 | 370814  | 43.795  | ng | 89     |
| 37) 2-Methylnaphthalene        | 12.78 | 142 | 837337  | 44.472  | ng | # 94   |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.15 | 216 | 413818  | 43.937  | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 13.10 | 237 | 461975  | 102.082 | ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\  
 Data File : BM015774.D  
 Acq On : 05 Jul 2018 19:16  
 Operator : SJ/JU  
 Sample : J3814-03MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

Manual Integrations  
 APPROVED

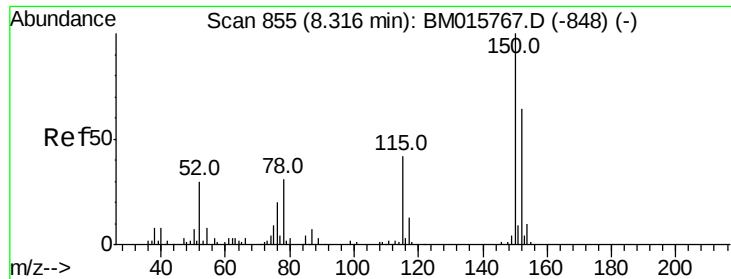
Sohil  
 7/6/2018 5:21:46 PM

Quant Time: Jul 06 07:04:58 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 05 17:39:50 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.38 | 196  | 270615   | 45.454 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.46 | 196  | 287128   | 44.645 | ng    | # 85     |
| 45) 1,1'-Biphenyl              | 13.77 | 154  | 1067713  | 42.082 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.83 | 162  | 822781   | 43.373 | ng    | # 92     |
| 47) 2-Nitroaniline             | 14.03 | 65   | 277489   | 41.946 | ng    | # 81     |
| 48) Acenaphthylene             | 14.66 | 152  | 1332051  | 43.165 | ng    | 99       |
| 49) Dimethylphthalate          | 14.39 | 163  | 1058008  | 40.880 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.52 | 165  | 220553   | 43.707 | ng    | # 76     |
| 51) Acenaphthene               | 15.00 | 154  | 774182   | 40.316 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.85 | 138  | 108517   | 19.647 | ng    | # 81     |
| 53) 2,4-Dinitrophenol          | 15.07 | 184  | 248736   | 96.883 | ng    | 93       |
| 54) Dibenzofuran               | 15.33 | 168  | 1246446  | 42.124 | ng    | # 89     |
| 55) 4-Nitrophenol              | 15.15 | 139  | 326762   | 80.162 | ng    | # 70     |
| 56) 2,4-Dinitrotoluene         | 15.30 | 165  | 316160   | 43.397 | ng    | 95       |
| 57) Fluorene                   | 15.97 | 166  | 1017384  | 41.695 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.55 | 232  | 248435   | 45.777 | ng    | # 100    |
| 59) Diethylphthalate           | 15.73 | 149  | 1117905  | 40.308 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.95 | 204  | 510096   | 40.627 | ng    | # 89     |
| 61) 4-Nitroaniline             | 16.01 | 138  | 227051   | 39.626 | ng    | # 38     |
| 62) Azobenzene                 | 16.25 | 77   | 1149636  | 44.221 | ng    | 83       |
| 64) 4,6-Dinitro-2-methylphenol | 16.07 | 198  | 163248   | 40.889 | ng    | 90       |
| 65) n-Nitrosodiphenylamine     | 16.17 | 169  | 870649   | 38.690 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.84 | 248  | 306355   | 41.780 | ng    | # 84     |
| 67) Hexachlorobenzene          | 16.97 | 284  | 337913   | 41.240 | ng    | # 82     |
| 68) Atrazine                   | 17.11 | 200  | 314830   | 42.534 | ng    | 98       |
| 69) Pentachlorophenol          | 17.31 | 266  | 381377   | 75.220 | ng    | 98       |
| 70) Phenanthrene               | 17.70 | 178  | 1530315  | 40.730 | ng    | 99       |
| 71) Anthracene                 | 17.79 | 178  | 1567552  | 42.483 | ng    | 99       |
| 72) Carbazole                  | 18.06 | 167  | 1398145  | 40.663 | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.58 | 149  | 1890682  | 40.796 | ng    | # 97     |
| 74) Fluoranthene               | 19.68 | 202  | 1750989  | 40.538 | ng    | 99       |
| 76) Benzidine                  | 19.86 | 184  | 255558   | 12.581 | ng    | 99       |
| 77) Pyrene                     | 20.04 | 202  | 1769833  | 40.980 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.89 | 149  | 872005   | 41.770 | ng    | # 85     |
| 80) Benzo(a)anthracene         | 21.75 | 228  | 1824548  | 41.507 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.67 | 252  | 349695   | 22.141 | ng    | 99       |
| 82) Chrysene                   | 21.80 | 228  | 1685188  | 41.153 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 1278631  | 41.452 | ng    | 96       |
| 84) Di-n-octyl phthalate       | 22.56 | 149  | 2099703  | 41.746 | ng    | # 92     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.66 | 276  | 1527072  | 40.139 | ng    | # 93     |
| 87) Benzo(b)fluoranthene       | 23.44 | 252  | 1658692  | 41.772 | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 23.49 | 252  | 1634901  | 42.384 | ng    | 98       |
| 89) Benzo(a)pyrene             | 24.07 | 252  | 1518111  | 43.431 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 26.66 | 278  | 1307025  | 41.560 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 27.42 | 276  | 1164708  | 42.150 | ng    | # 94     |

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





#1

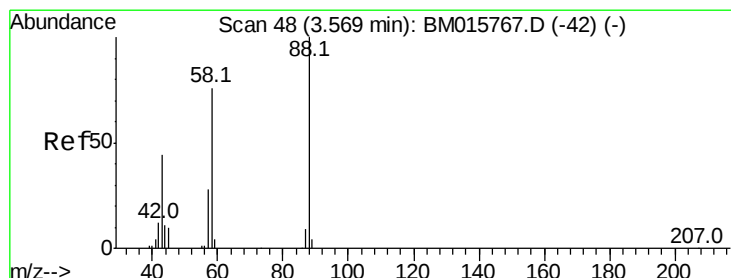
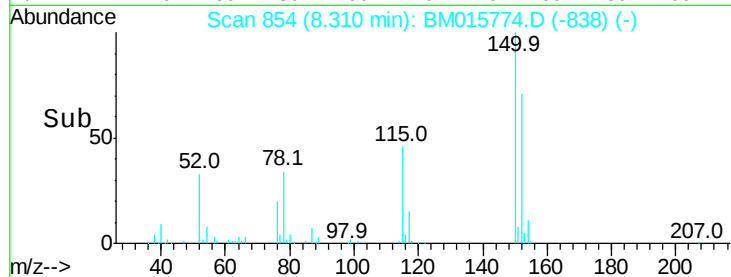
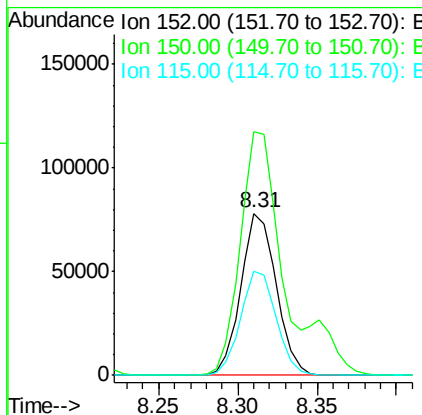
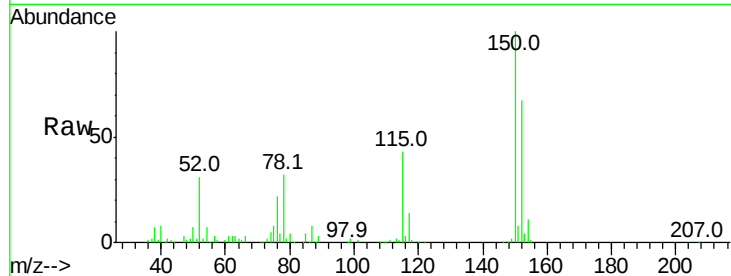
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.31 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.3 | 119.5 | 179.3 |
| 115     | 64.5  | 43.0  | 64.4  |

Manual Integrations  
APPROVED

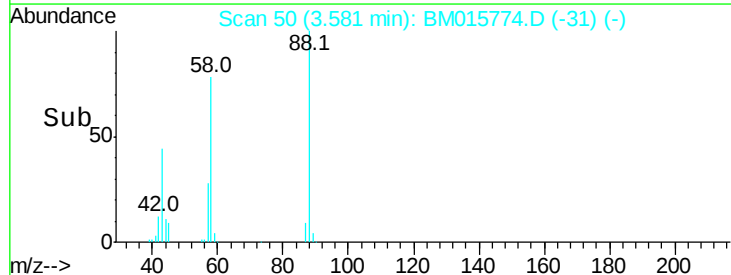
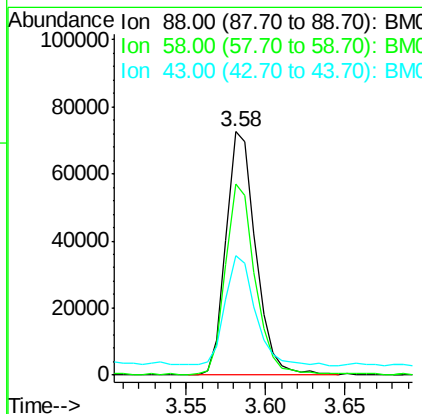
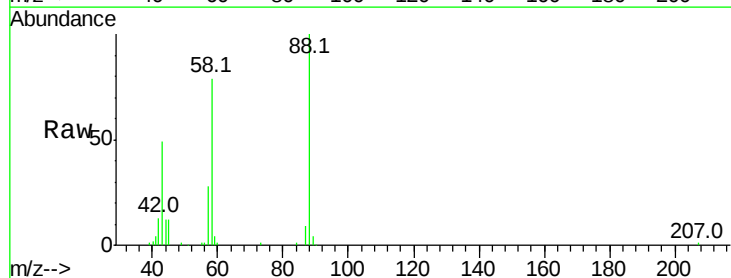
Sohil  
7/6/2018 5:21:46 PM



#2

1,4-Dioxane  
Concen: 32.265 ng  
RT: 3.58 min Scan# 50  
Delta R.T. 0.01 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 79.0  | 0.0   | 0.0   |
| 43      | 45.9  | 0.0   | 0.0   |





#3

Pvridine

Concen: 26.014 ng

RT: 4.03 min Scan# 126

Delta R.T. 0.01 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

Instrument :

BNA\_M

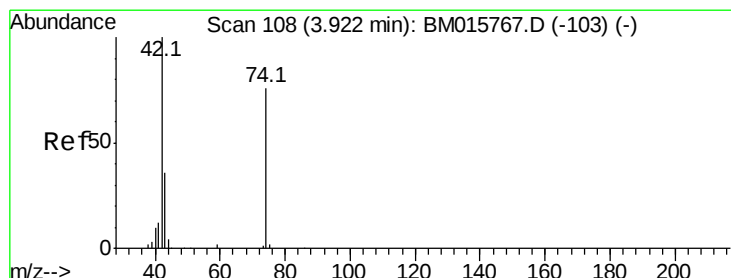
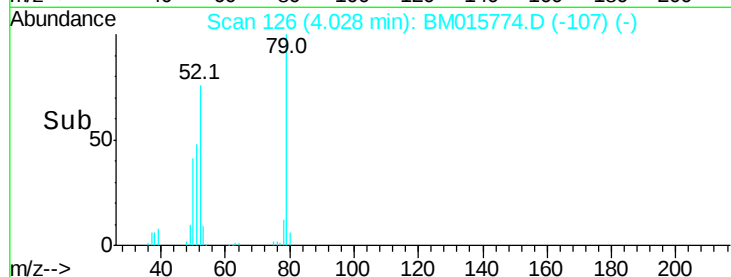
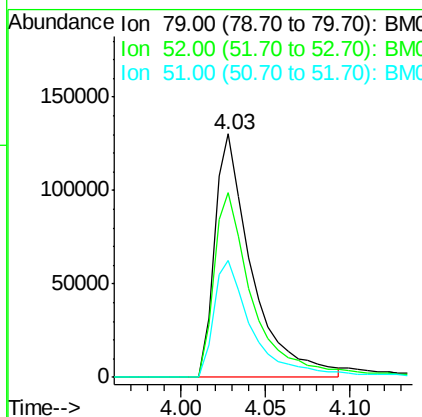
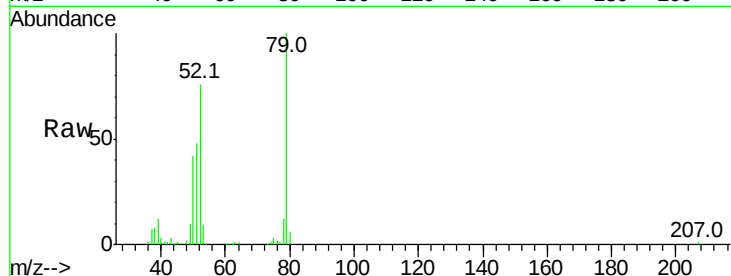
ClientSampleId :

8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 76.1  | 51.1  | 76.7  |
| 51      | 47.9  | 26.1  | 39.1# |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM



#4

n-Nitrosodimethylamine

Concen: 35.512 ng

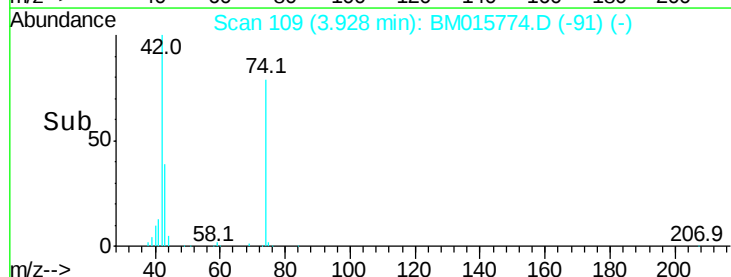
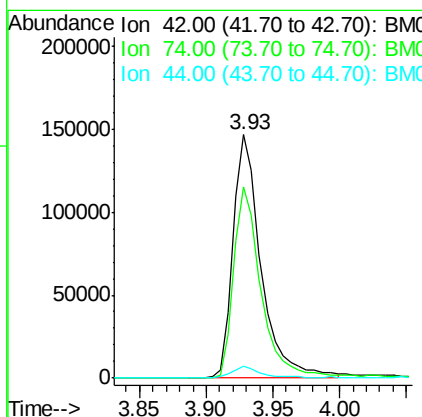
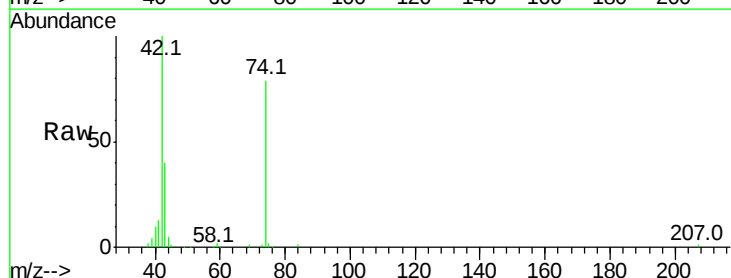
RT: 3.93 min Scan# 109

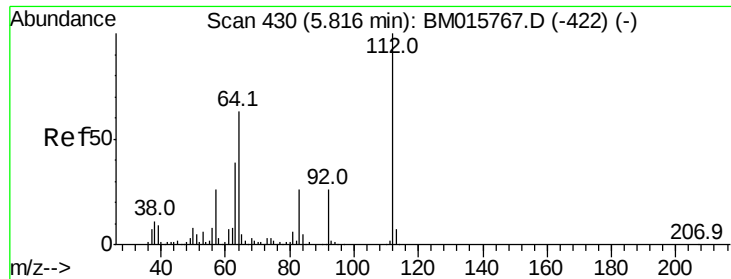
Delta R.T. 0.01 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 78.6  | 119.3 | 178.9# |
| 44      | 5.0   | 5.4   | 8.2#   |





#5

2-Fluorophenol

Concen: 35.512 ng

RT: 5.82 min Scan# 431

Delta R.T. 0.01 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

Instrument :

BNA\_M

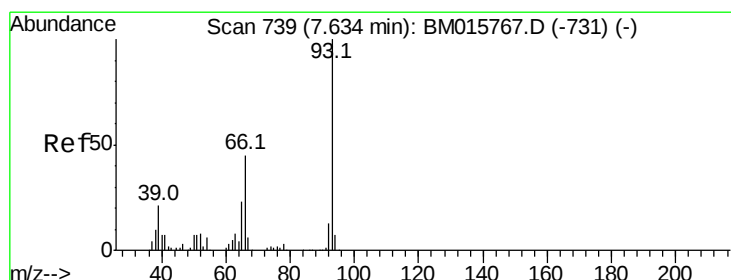
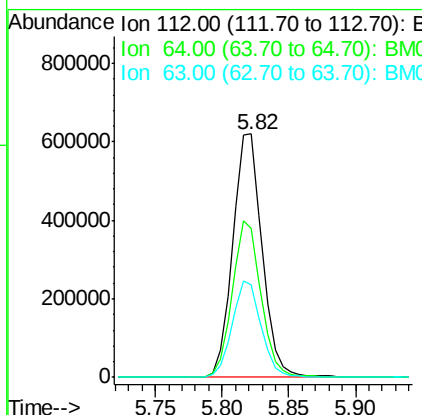
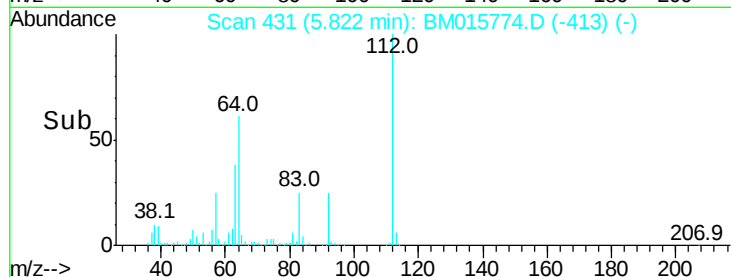
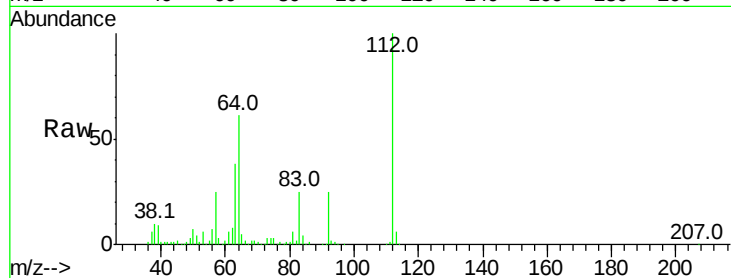
ClientSampleId :

8782-AAMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 951681 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 61.2  | 38.6  | 57.8#  |
| 63        | 38.1  | 19.3  | 28.9#  |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM



#6

Aniline

Concen: 14.164 ng

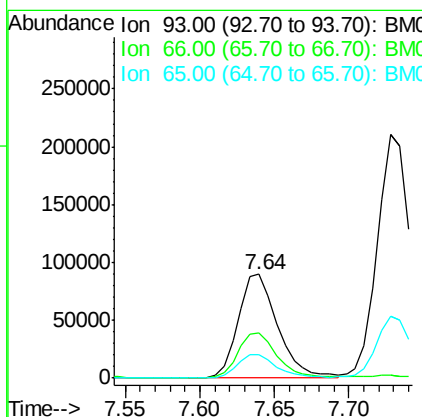
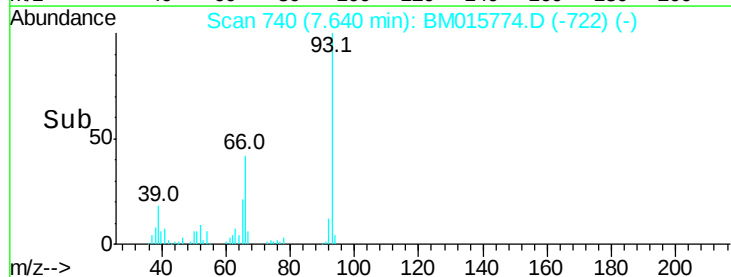
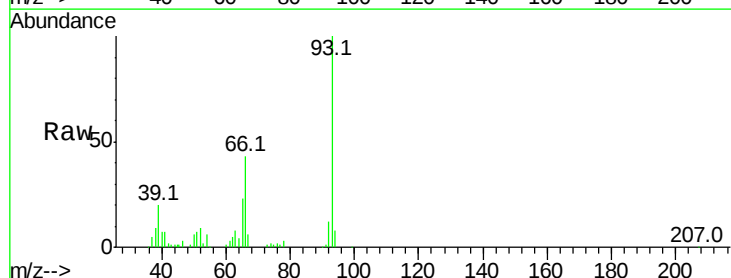
RT: 7.64 min Scan# 740

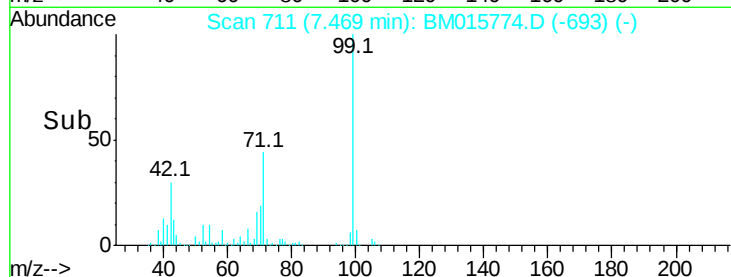
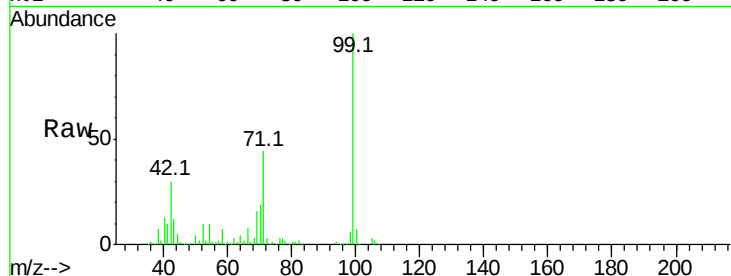
Delta R.T. 0.01 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 166324 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 43.2  | 30.8  | 46.2   |
| 65        | 22.7  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 14.164 ng

RT: 7.47 min Scan# 711

Delta R.T. 0.01 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

Tot Ion: 99 Resp: 1130283

Ion Ratio Lower Upper

99 100

42 29.7 11.0 16.4#

71 44.4 23.4 35.2#

Instrument :

BNA\_M

ClientSampled :

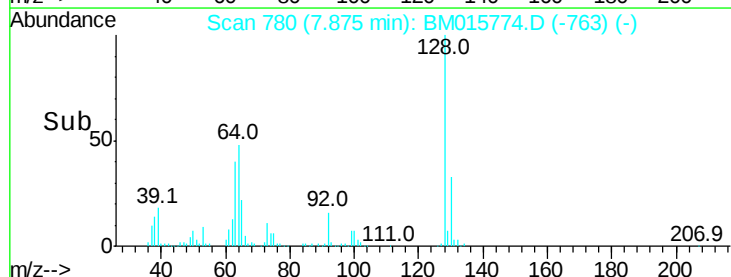
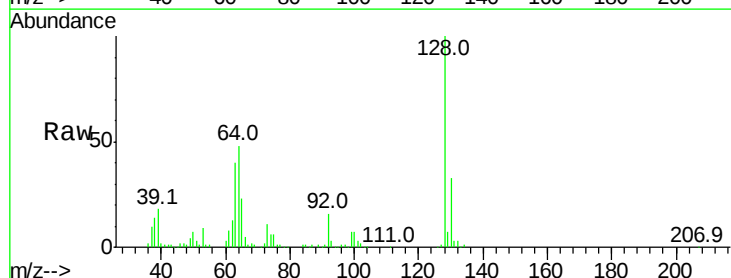
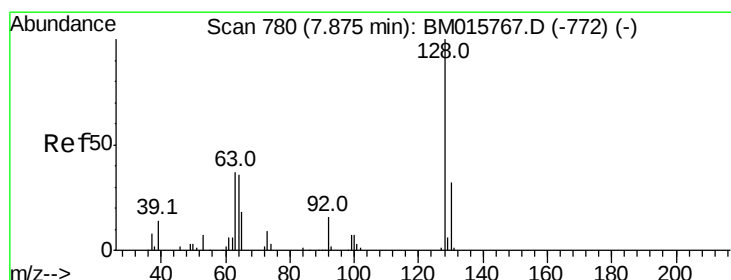
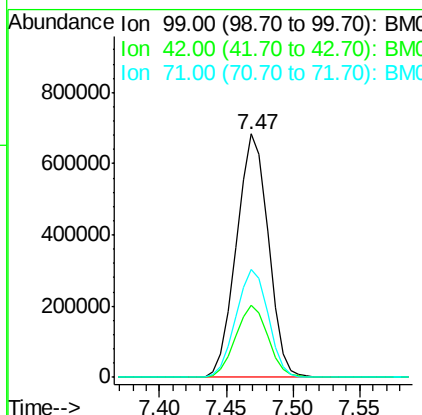
8782-AAMSD

Manual Integrations

APPROVED

Sohil

7/6/2018 5:21:46 PM



#8

2-Chlorophenol

Concen: 43.010 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

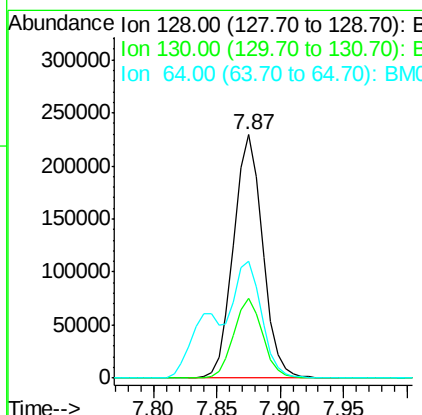
Tgt Ion: 128 Resp: 365208

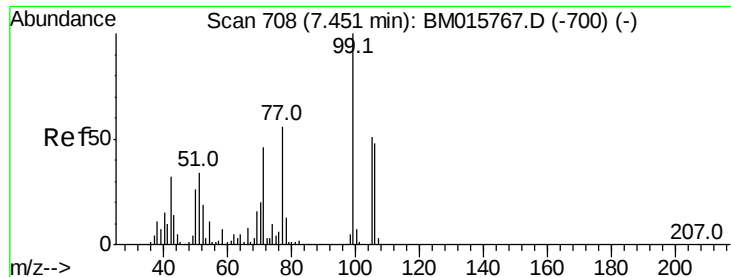
Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 47.8 24.9 64.9





#9

Benzaldehyde

Concen: 24.247 ng

RT: 7.45 min Scan# 707

Delta R.T. -0.01 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

Instrument :

BNA\_M

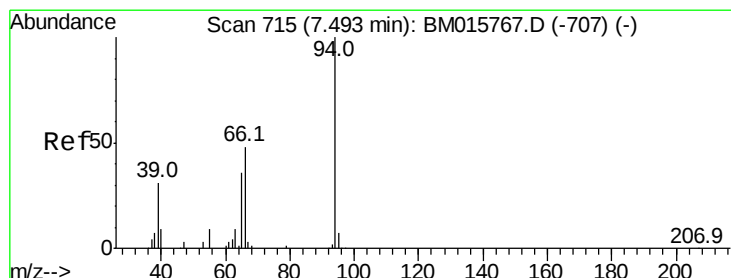
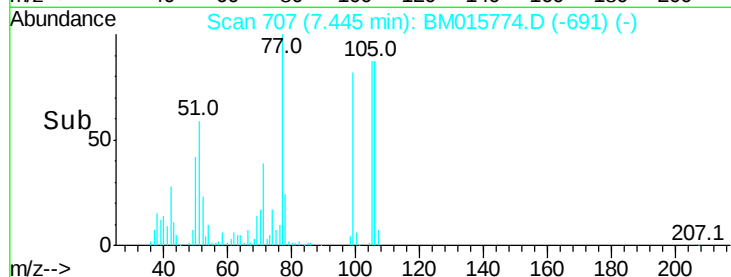
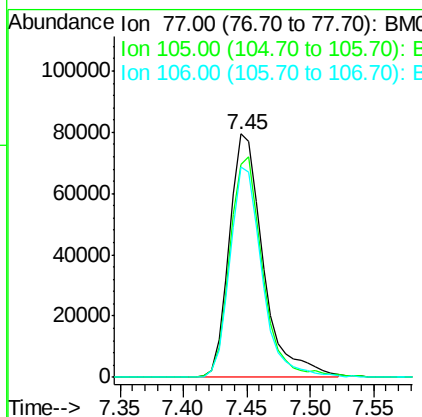
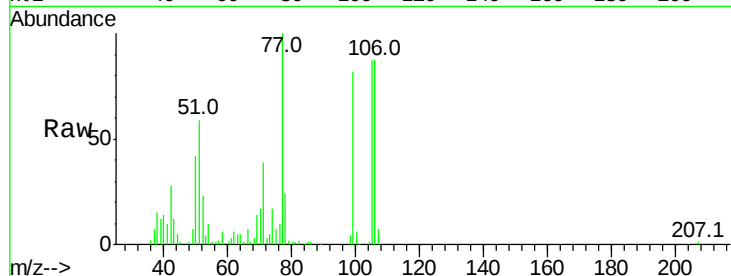
ClientSampled :

8782-AAMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 148021 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 87.4  | 78.8  | 118.8  |
| 106       | 86.5  | 73.7  | 113.7  |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM



#10

Phenol

Concen: 36.497 ng

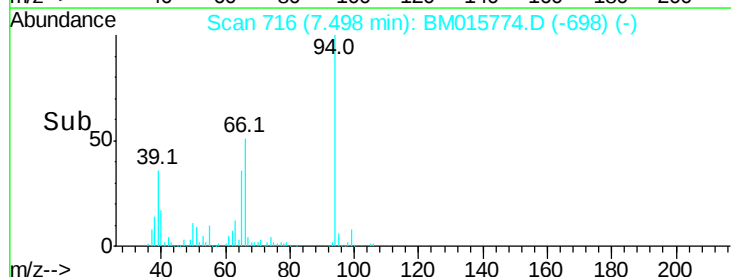
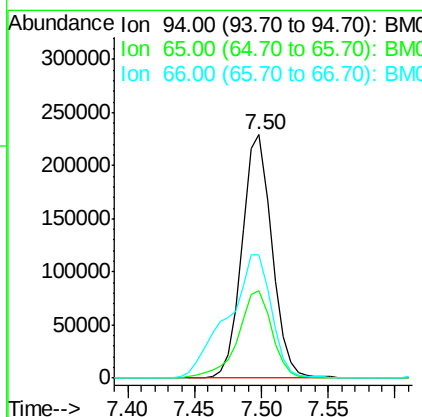
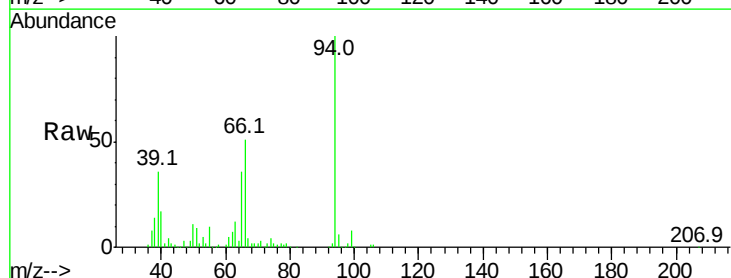
RT: 7.50 min Scan# 716

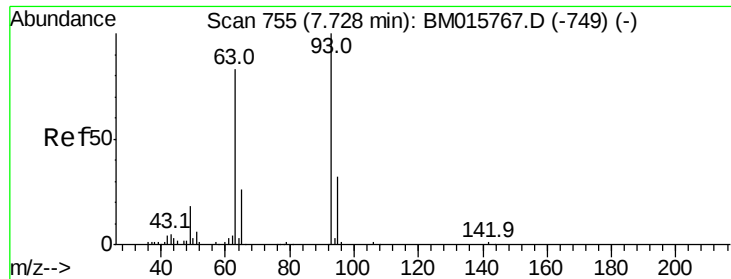
Delta R.T. 0.01 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 355202 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 36.0  | 18.8  | 58.8   |
| 66        | 50.6  | 39.9  | 79.9   |





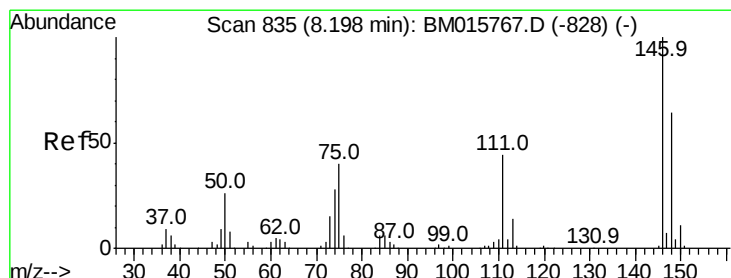
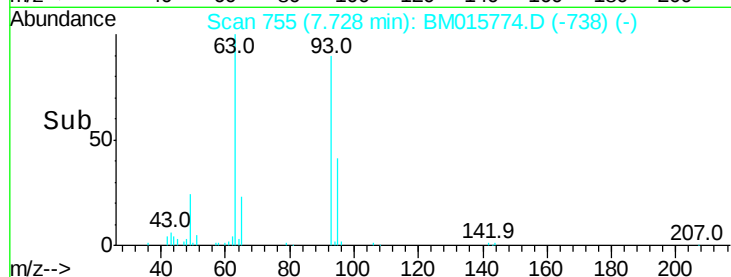
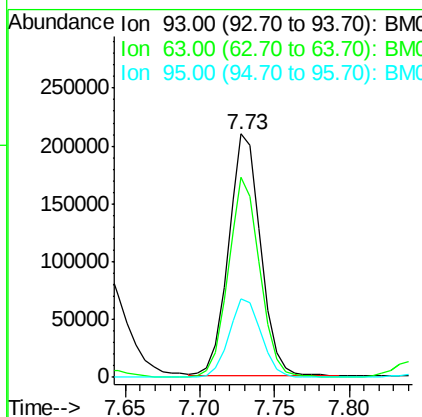
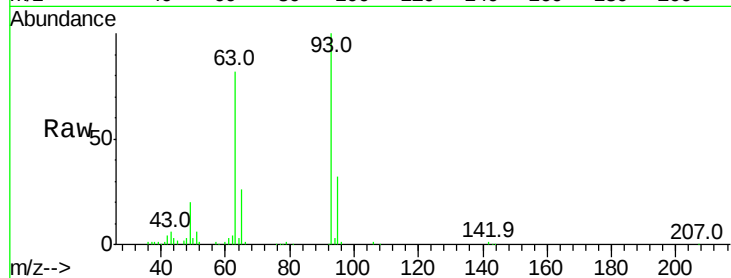
#11  
bis(2-Chloroethyl)ether  
Concen: 39.621 ng  
RT: 7.73 min Scan# 755  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 82.1  | 49.5  | 89.5  |
| 95      | 32.2  | 13.5  | 53.5  |

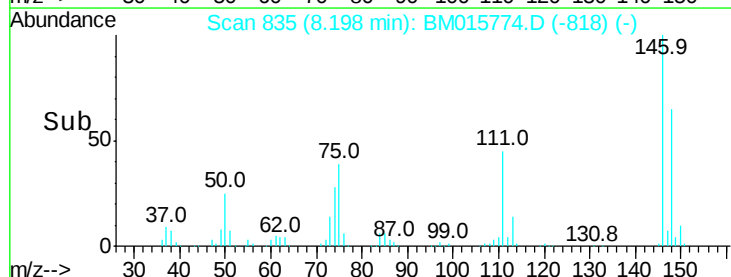
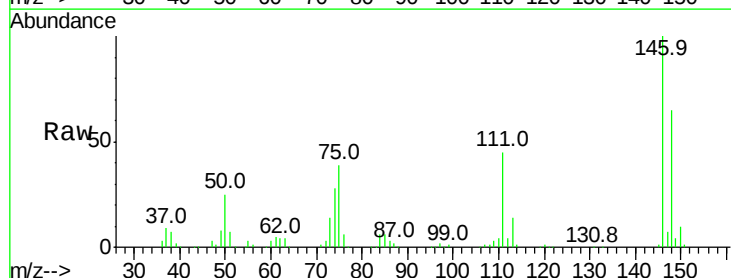
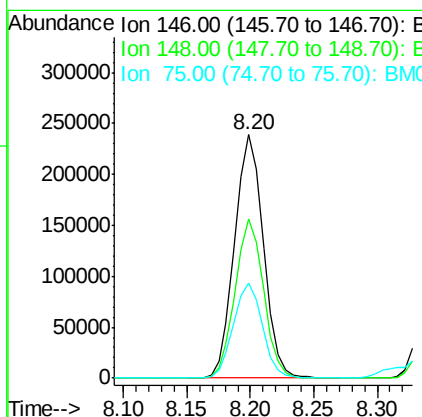
Manual Integrations  
APPROVED

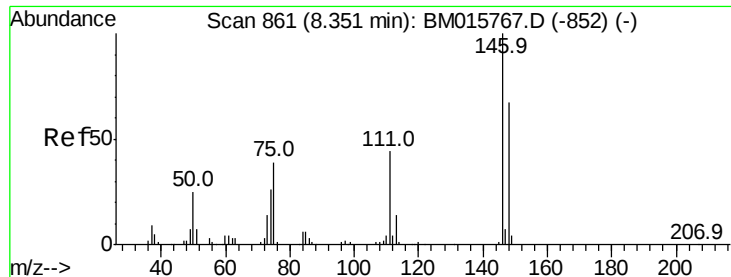
Sohil  
7/6/2018 5:21:46 PM



#12  
1,3-Dichlorobenzene  
Concen: 39.990 ng  
RT: 8.20 min Scan# 835  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 50.9  | 76.3  |
| 75      | 38.9  | 21.4  | 32.2  |





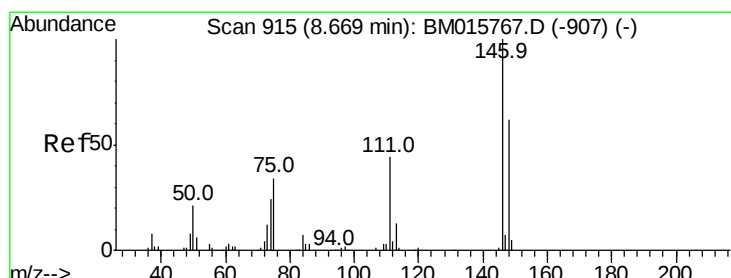
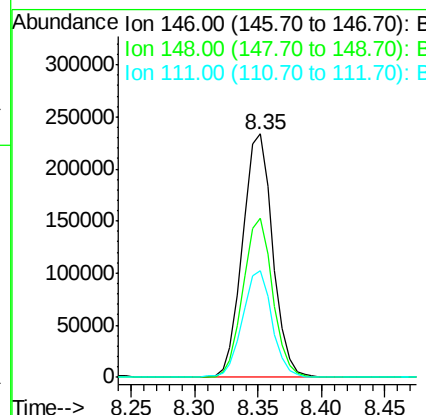
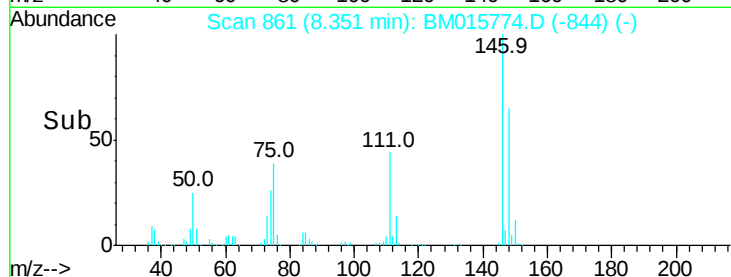
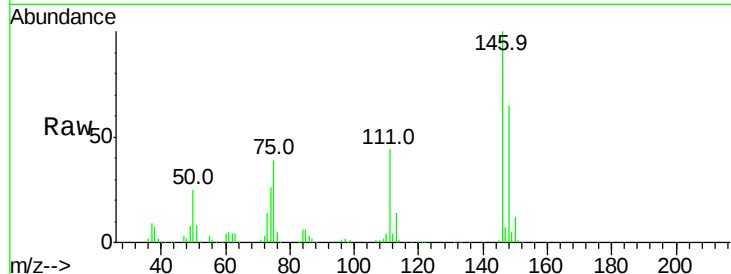
#13  
1,4-Dichlorobenzene  
Concen: 39.601 ng  
RT: 8.35 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 385540 |       |       |
| 148     | 65.2  |        | 51.9  | 77.9  |
| 111     | 43.7  |        | 29.2  | 43.8  |

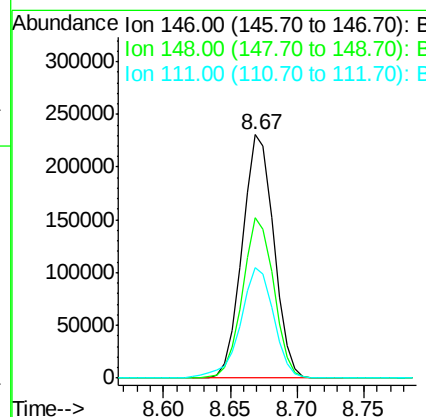
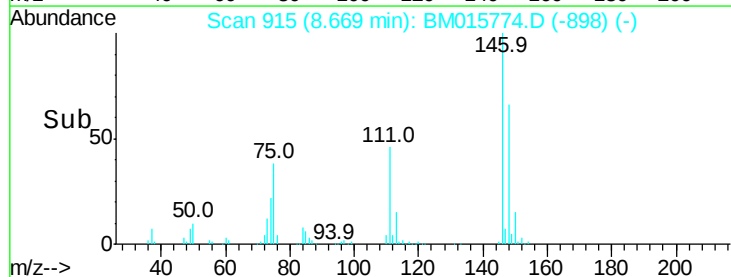
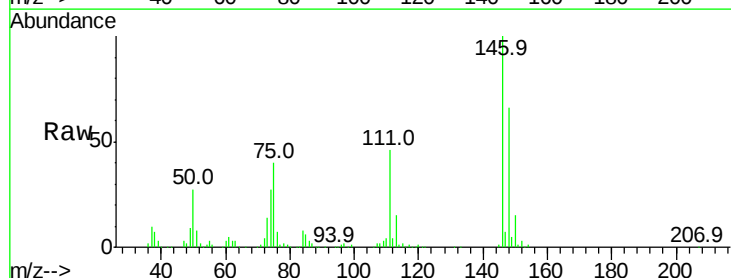
Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM



#14  
1,2-Dichlorobenzene  
Concen: 39.968 ng  
RT: 8.67 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 376318 |       |       |
| 148     | 65.8  |        | 52.3  | 78.5  |
| 111     | 45.5  |        | 30.6  | 45.8  |





#15

Benzyl Alcohol

Concen: 40.209 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

Instrument :

BNA\_M

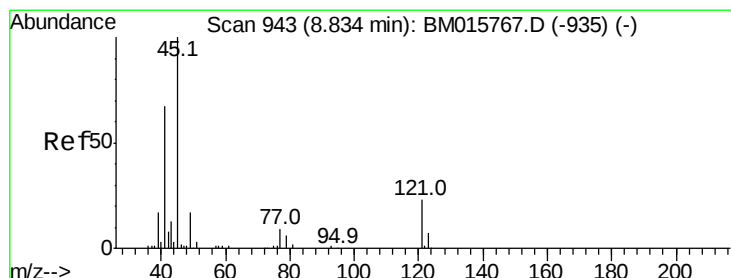
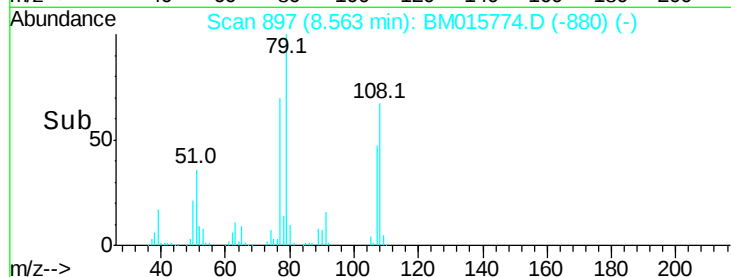
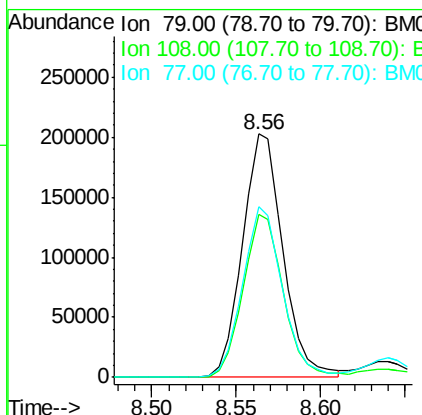
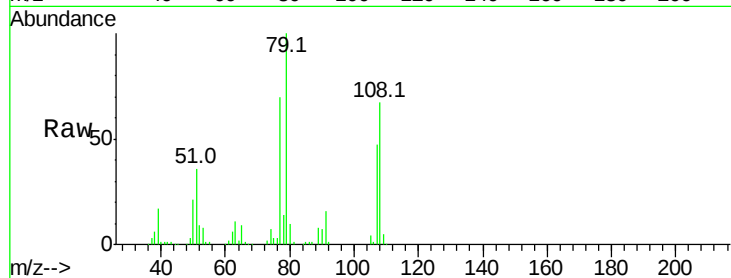
ClientSampled :

8782-AAMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 338114 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 66.9  | 65.0  | 97.4   |
| 77        | 70.2  | 53.0  | 79.6   |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.022 ng

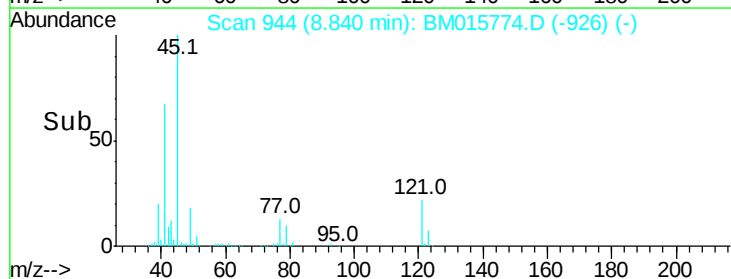
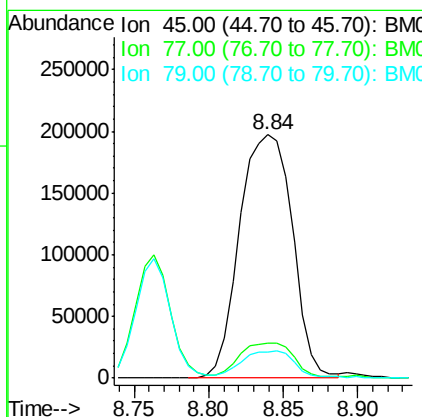
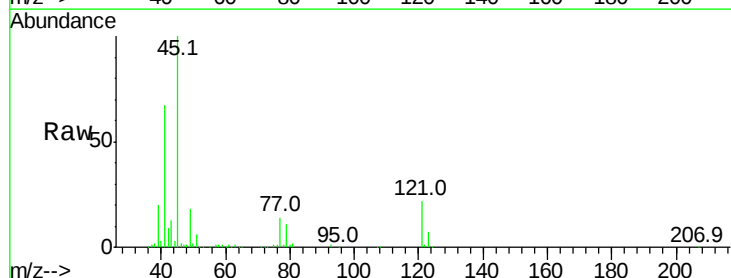
RT: 8.84 min Scan# 944

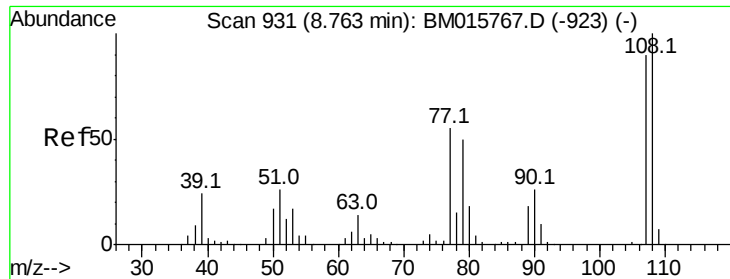
Delta R.T. 0.01 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 484389 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.4  | 0.0   | 35.2   |
| 79        | 10.8  | 0.0   | 32.0   |





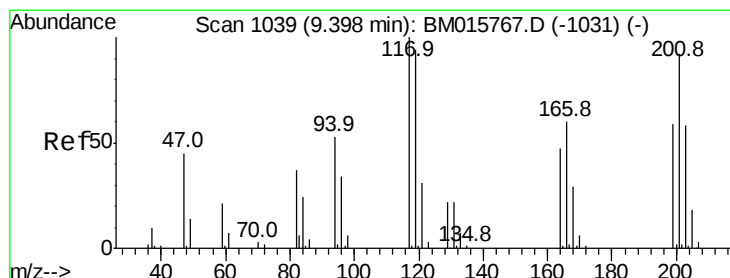
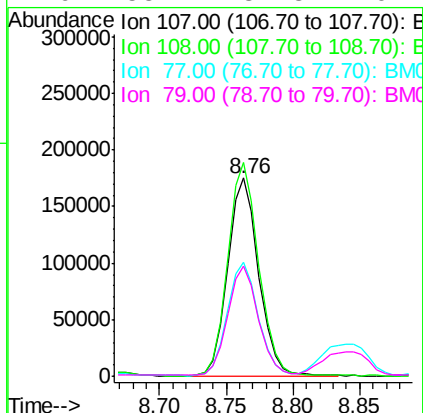
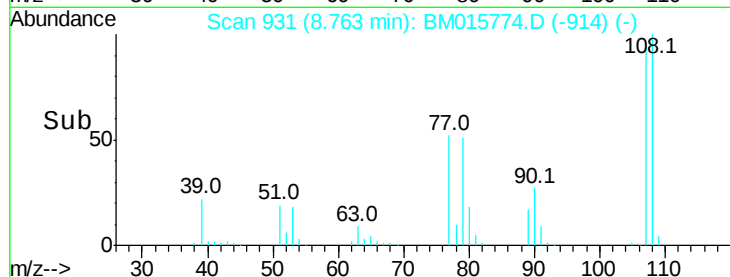
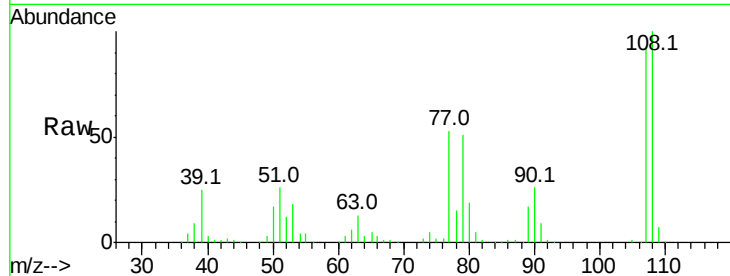
#17  
2-Methylphenol  
Concen: 42.257 ng  
RT: 8.76 min Scan# 931  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 284927 |       |       |
| 108     | 107.7 | 89.8   | 134.8 |       |
| 77      | 57.2  | 32.6   | 48.8# |       |
| 79      | 55.4  | 32.8   | 49.2# |       |

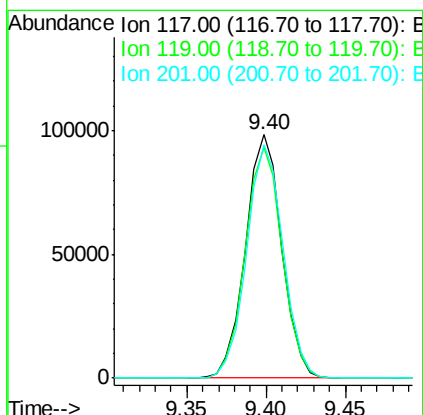
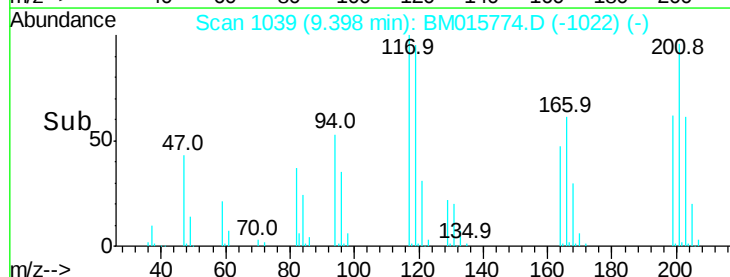
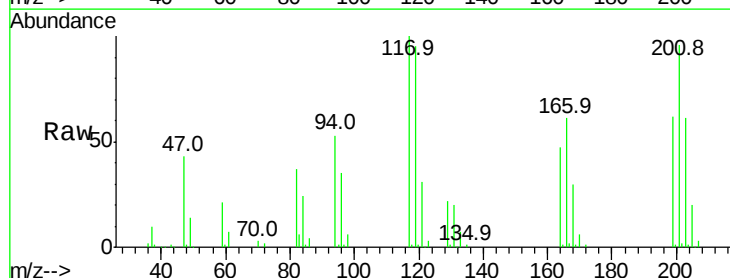
Manual Integrations  
APPROVED

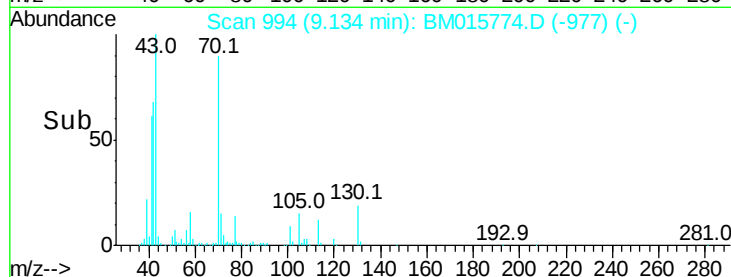
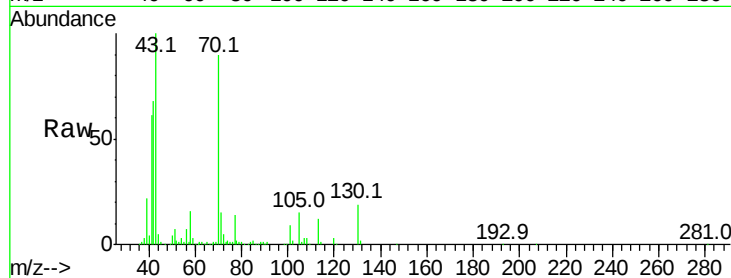
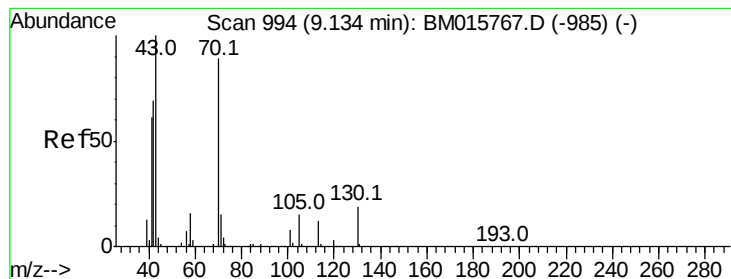
Sohil  
7/6/2018 5:21:46 PM



#18  
Hexachloroethane  
Concen: 40.609 ng  
RT: 9.40 min Scan# 1039  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 156328 |       |       |
| 119     | 95.0  | 79.2   | 118.8 |       |
| 201     | 95.9  | 69.8   | 104.6 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 37.586 ng

RT: 9.13 min Scan# 994

Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 75.5  | 44.5  | 66.7# |
| 101     | 9.6   | 7.4   | 11.2  |
| 130     | 20.7  | 15.3  | 22.9  |

Instrument :

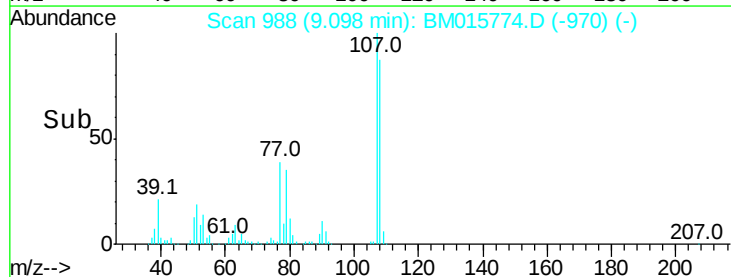
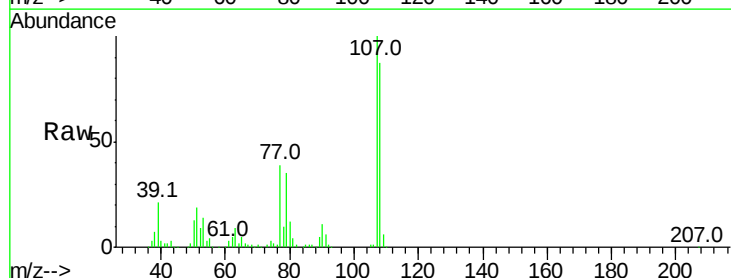
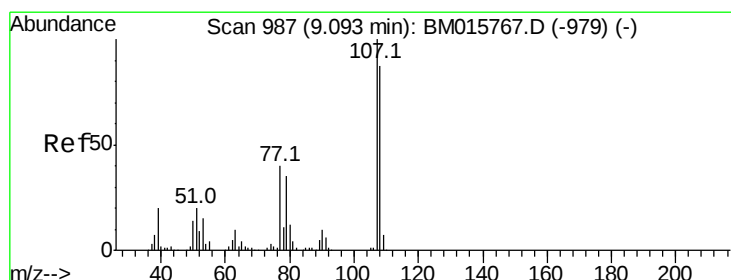
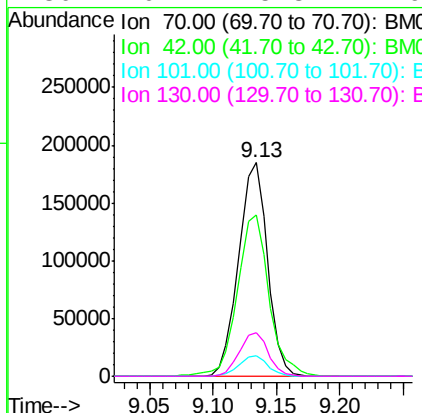
BNA\_M

ClientSampleId :

8782-AAMSD

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM



#20

3+4-Methylphenols

Concen: 40.348 ng

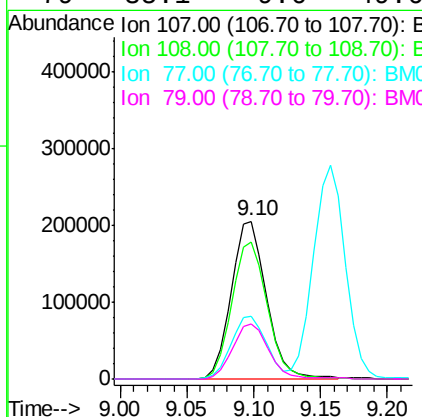
RT: 9.10 min Scan# 988

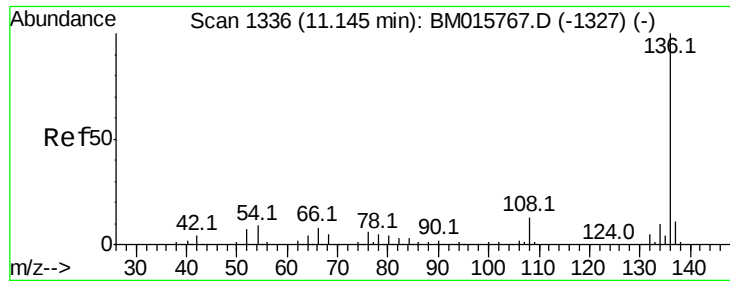
Delta R.T. 0.01 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.5  | 73.2  | 113.2 |
| 77      | 39.4  | 10.7  | 50.7  |
| 79      | 35.1  | 9.6   | 49.6  |





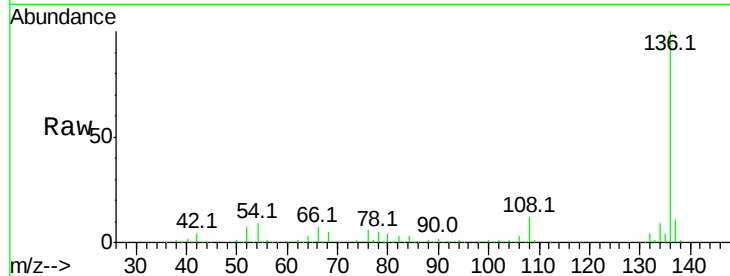
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.15 min Scan# 1336  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

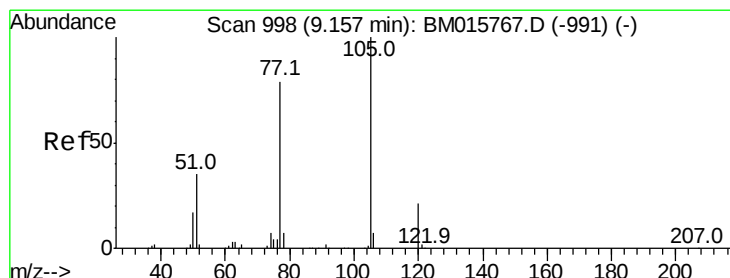
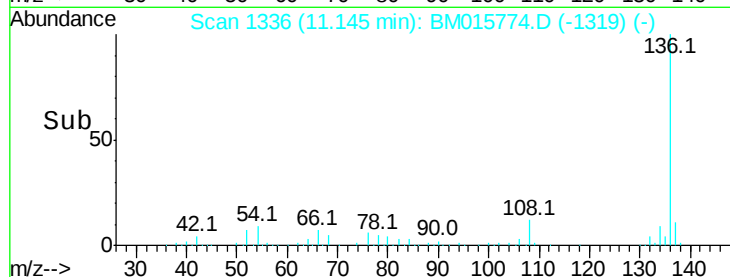
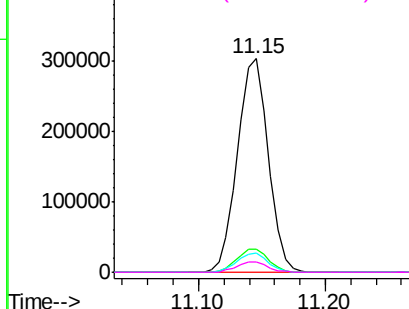
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 10.9  | 8.7        | 13.1  |
| 54      | 8.8   | 4.6        | 6.8#  |
| 68      | 5.0   | 3.7        | 5.5   |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM



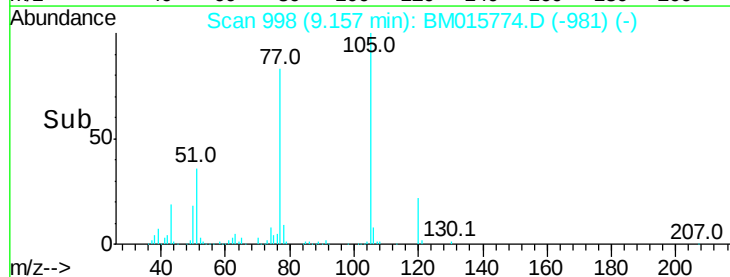
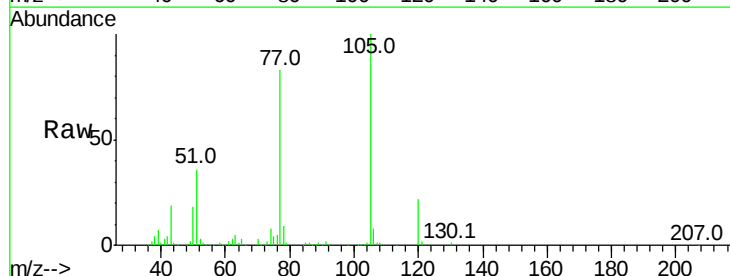
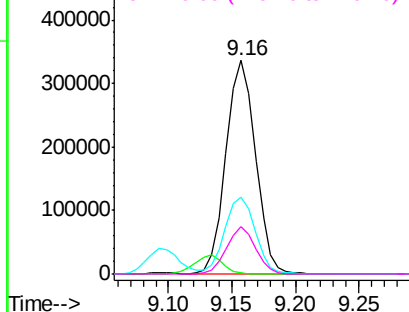
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM0  
Ion 68.00 (67.70 to 68.70): BM0

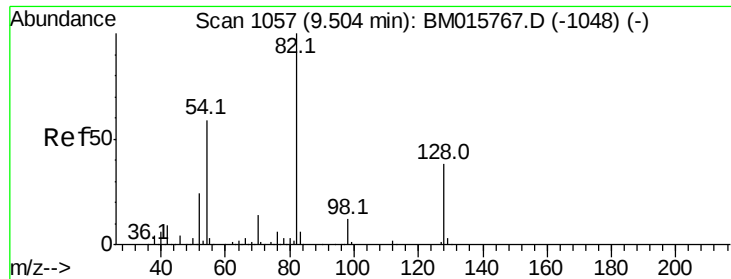


#22  
Acetophenone  
Concen: 40.837 ng  
RT: 9.16 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 0.5   | 0.6        | 1.0#  |
| 51      | 35.8  | 21.6       | 32.4# |
| 120     | 22.4  | 16.1       | 24.1  |

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





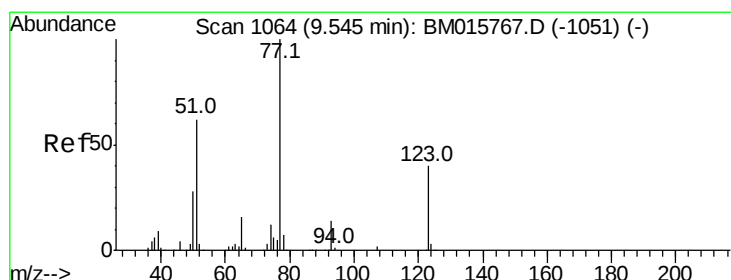
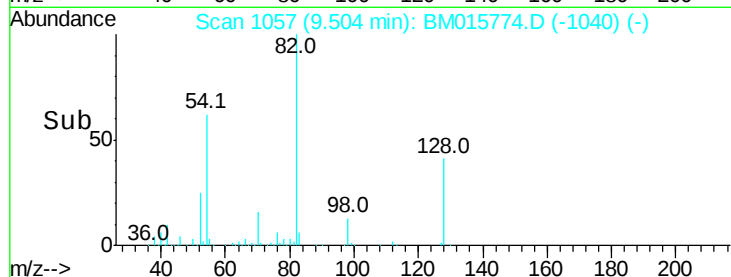
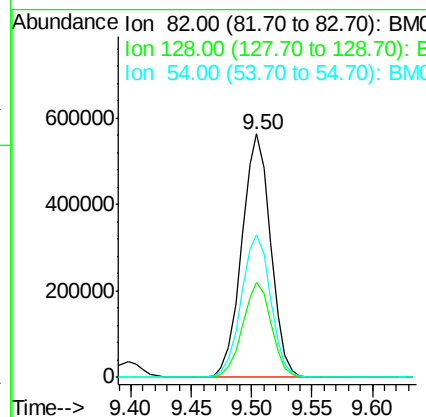
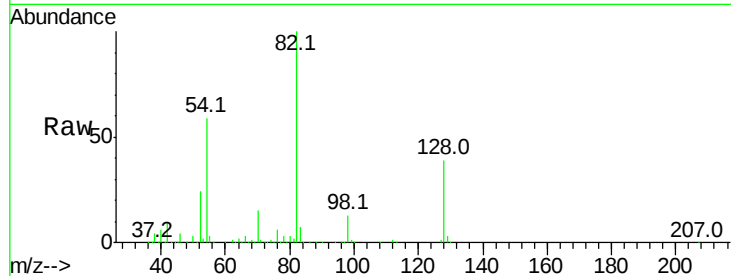
#23  
 Nitrobenzene-d5  
 Concen: 40.837 ng  
 RT: 9.50 min Scan# 1057  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 941571 |       |       |
| 128     | 39.1  | 32.8   | 49.2  |       |
| 54      | 58.6  | 40.6   | 60.8  |       |

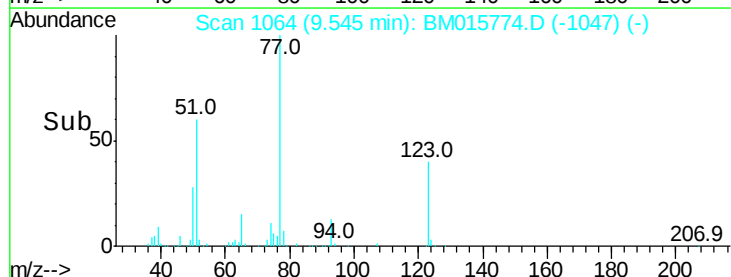
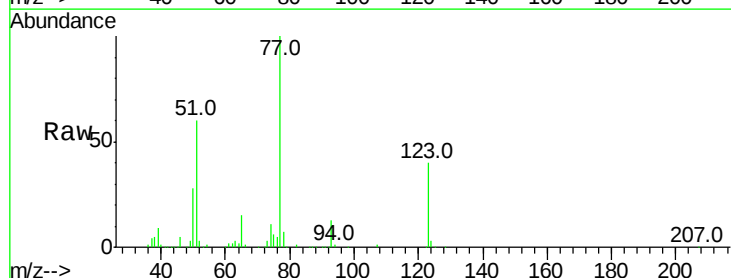
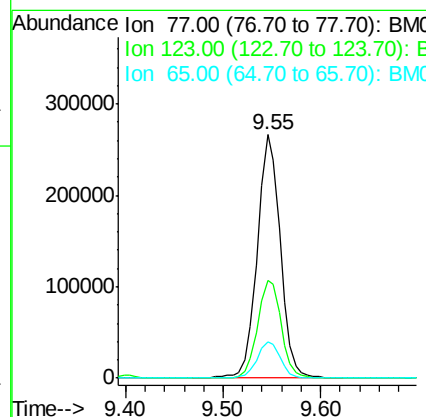
Manual Integrations  
 APPROVED

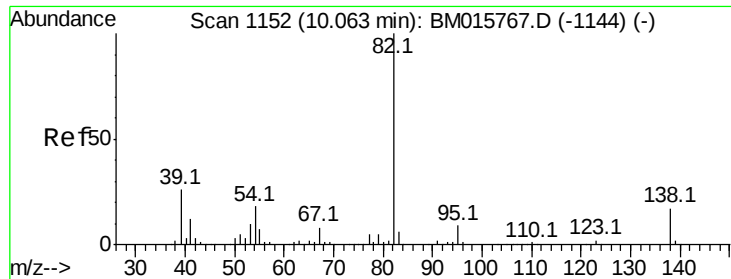
Sohil  
 7/6/2018 5:21:46 PM



#24  
 Nitrobenzene  
 Concen: 43.242 ng  
 RT: 9.55 min Scan# 1064  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 440427 |       |       |
| 123     | 40.3  | 32.6   | 49.0  |       |
| 65      | 14.9  | 10.9   | 16.3  |       |





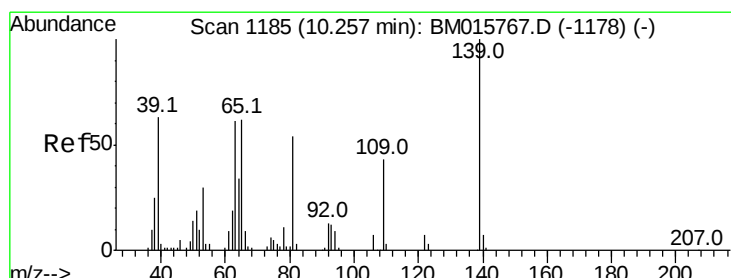
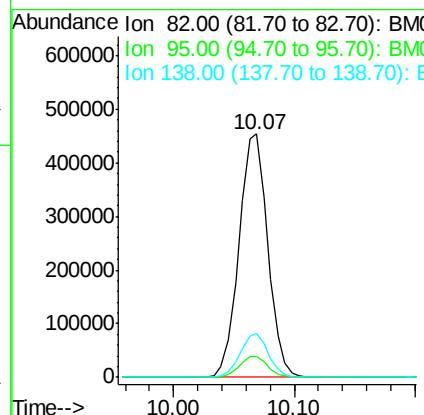
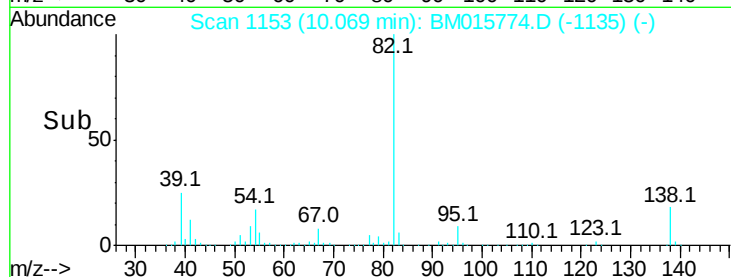
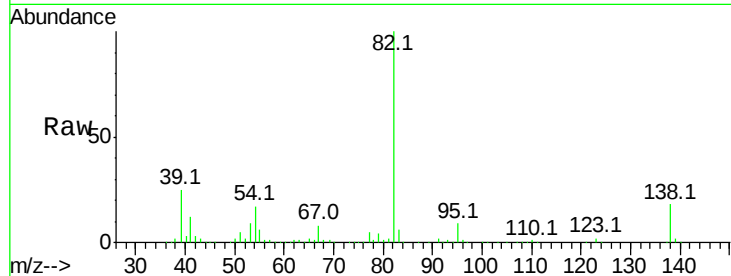
#25  
Isophorone  
Concen: 47.376 ng  
RT: 10.07 min Scan# 1153  
Delta R.T. 0.01 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 756611 |       |       |
| 95      | 8.6   |        | 5.8   | 8.6   |
| 138     | 18.0  |        | 16.3  | 24.5  |

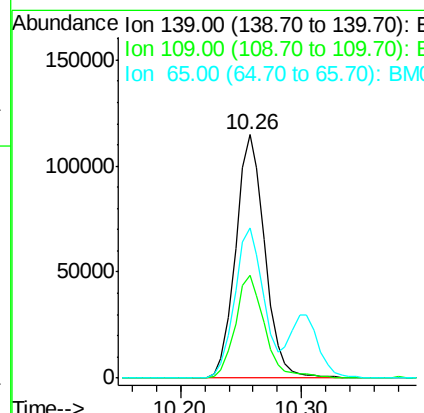
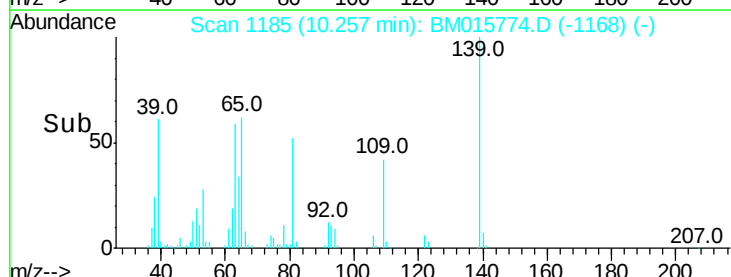
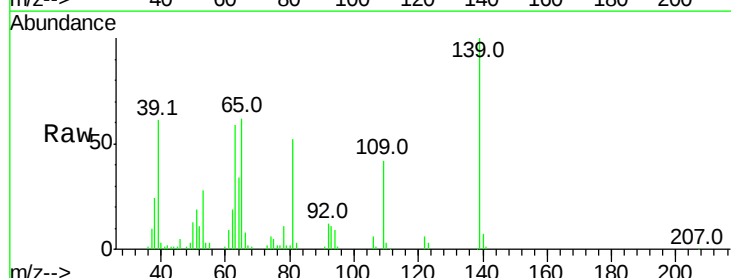
Manual Integrations  
APPROVED

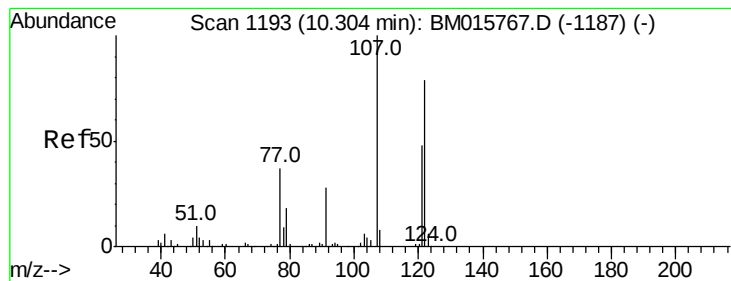
Sohil  
7/6/2018 5:21:46 PM



#26  
2-Nitrophenol  
Concen: 43.978 ng  
RT: 10.26 min Scan# 1185  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 192880 |       |       |
| 109     | 42.1  |        | 20.1  | 30.1# |
| 65      | 61.9  |        | 31.5  | 47.3# |





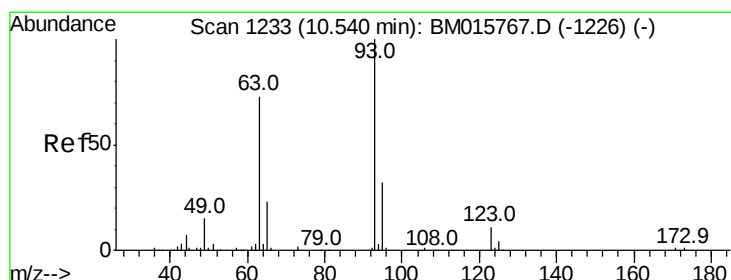
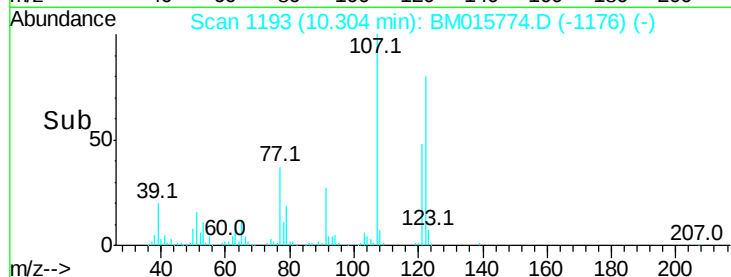
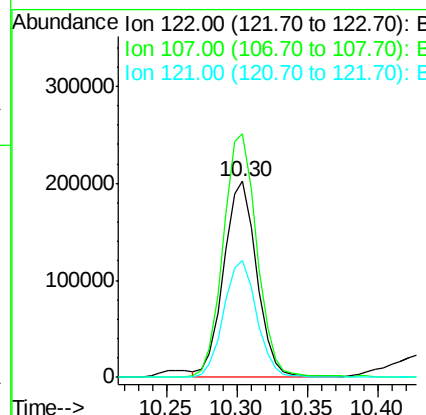
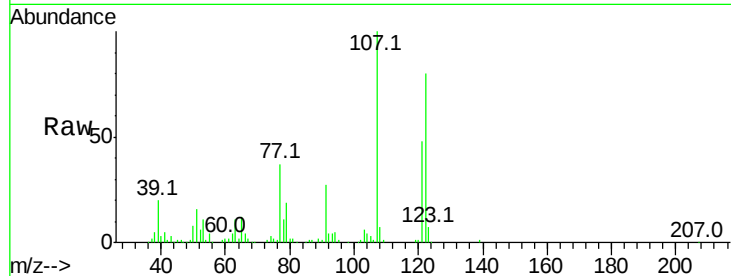
#27  
2,4-Dimethylphenol  
Concen: 49.015 ng  
RT: 10.30 min Scan# 1193  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 326569 |       |       |
| 107     | 124.2 | 84.7   | 127.1 |       |
| 121     | 59.9  | 46.6   | 69.8  |       |

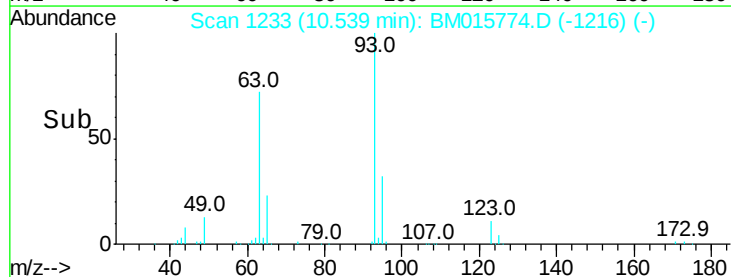
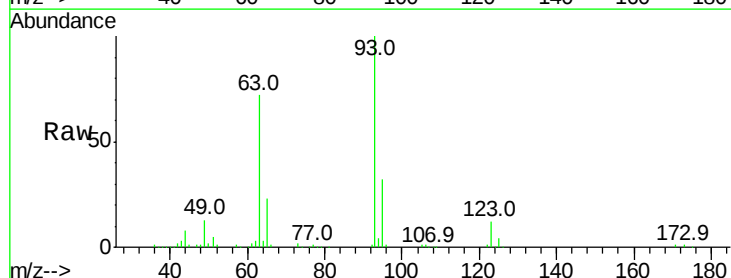
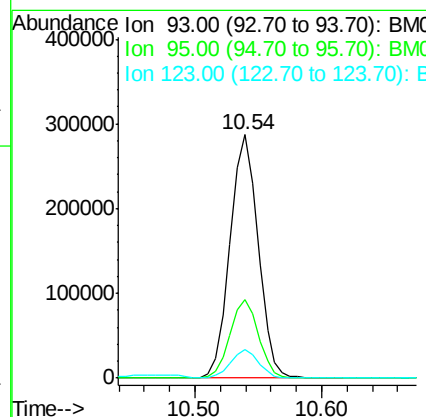
Manual Integrations  
APPROVED

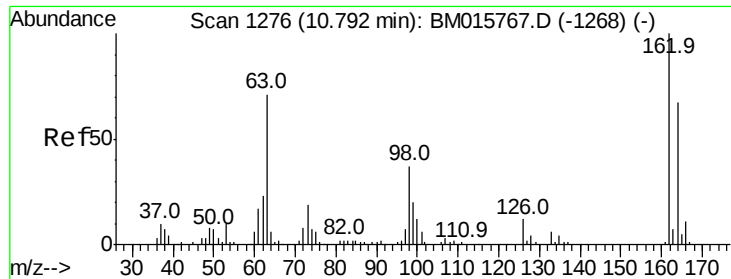
Sohil  
7/6/2018 5:21:46 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.366 ng  
RT: 10.54 min Scan# 1233  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 440804 |       |       |
| 95      | 32.0  | 25.5   | 38.3  |       |
| 123     | 11.6  | 8.6    | 13.0  |       |





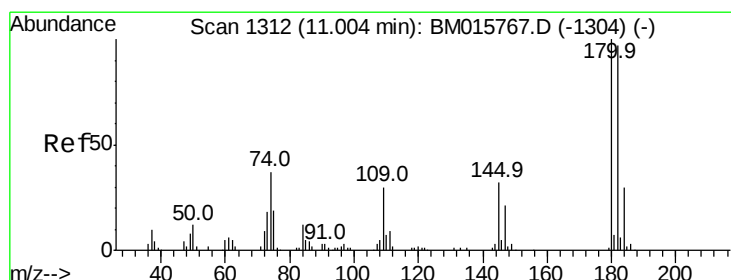
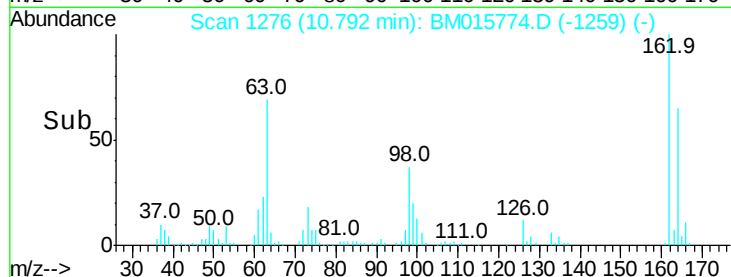
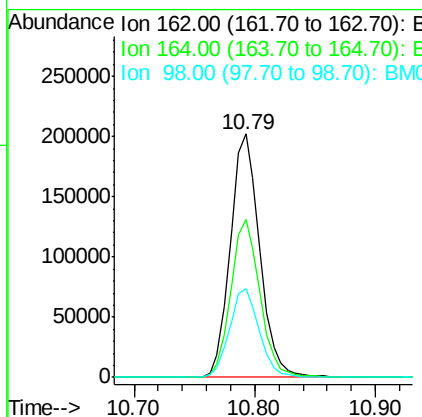
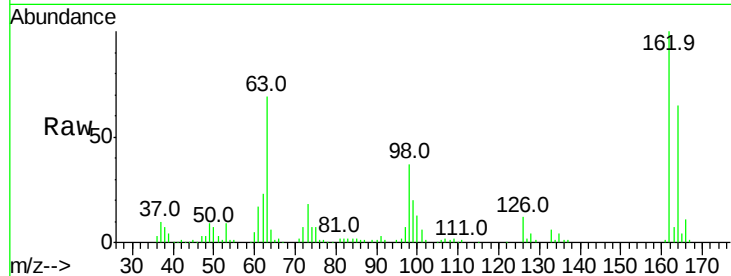
#29  
 2,4-Dichlorophenol  
 Concen: 46.515 ng  
 RT: 10.79 min Scan# 1276  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 343240 |       |       |
| 164     | 64.7  | 42.8   | 82.8  |       |
| 98      | 36.7  | 14.5   | 54.5  |       |

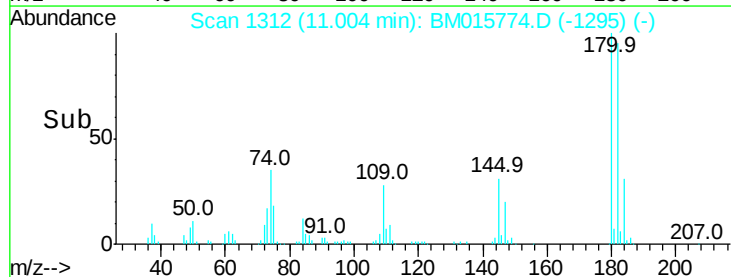
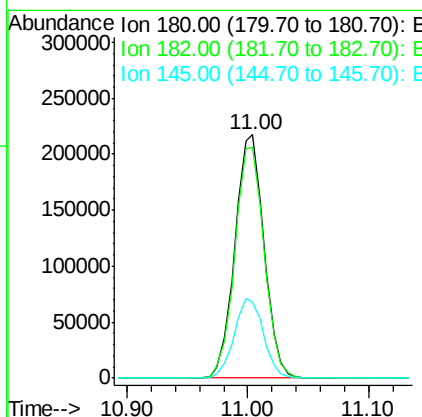
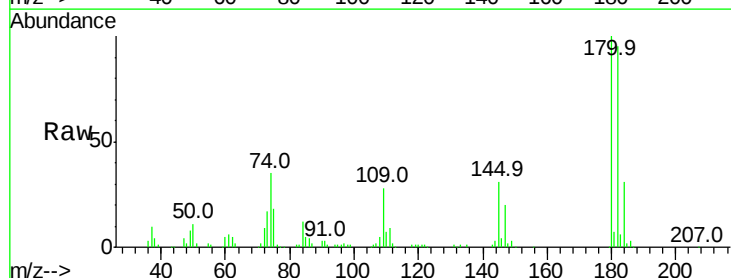
Manual Integrations  
 APPROVED

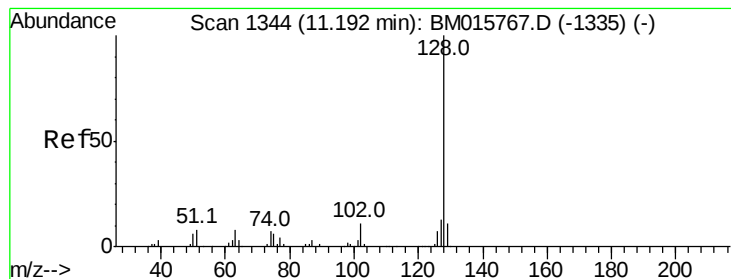
Sohil  
 7/6/2018 5:21:46 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.586 ng  
 RT: 11.00 min Scan# 1312  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 364996 |       |       |
| 182     | 94.7  | 77.6   | 116.4 |       |
| 145     | 31.5  | 23.4   | 35.2  |       |





#31

Naphthalene

Concen: 42.113 ng

RT: 11.19 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

Instrument :

BNA\_M

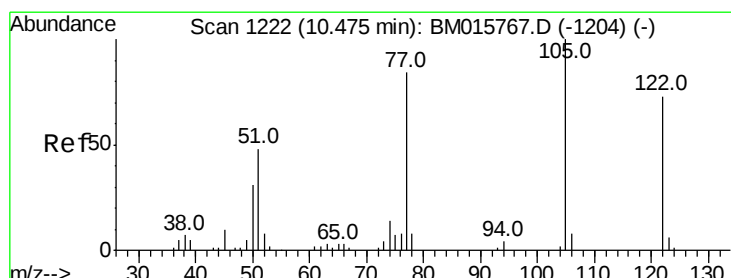
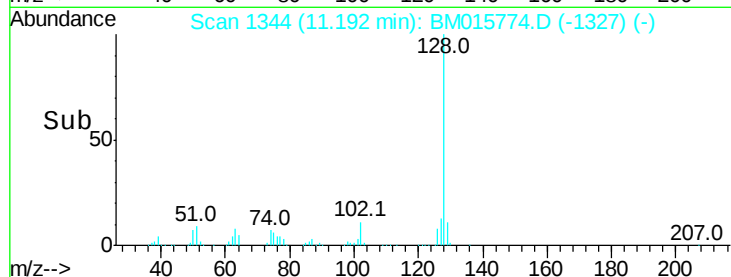
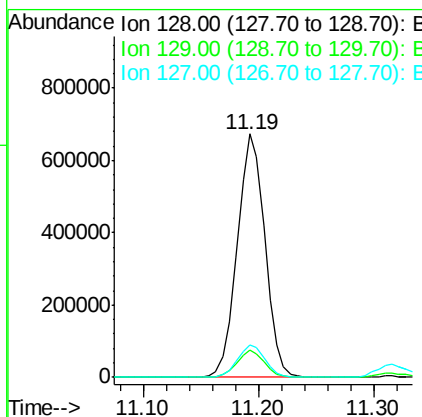
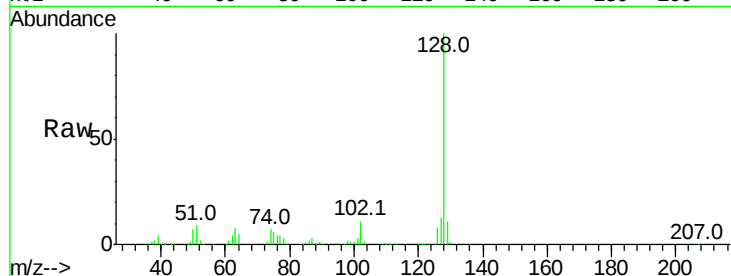
ClientSampleId :

8782-AAMSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 128   | Resp: | 1114643 |
| Ion      | Ratio | Lower | Upper   |
| 128      | 100   |       |         |
| 129      | 11.1  | 8.9   | 13.3    |
| 127      | 13.5  | 10.4  | 15.6    |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM



#32

Benzoic acid

Concen: 33.656 ng m

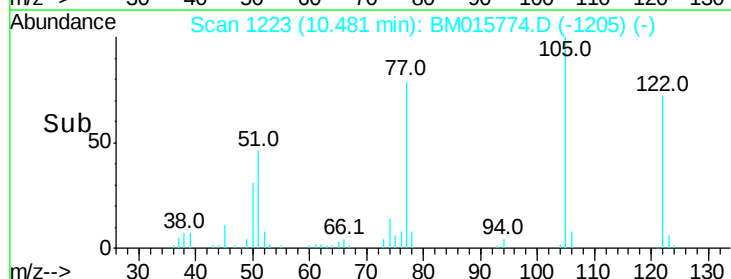
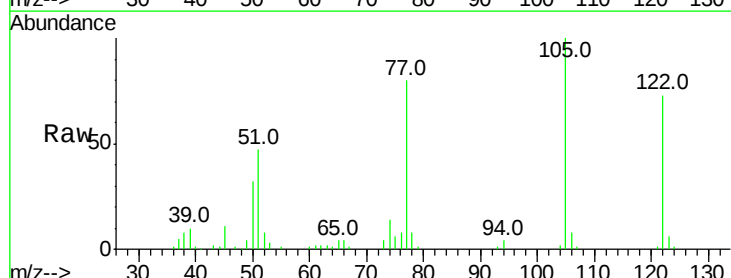
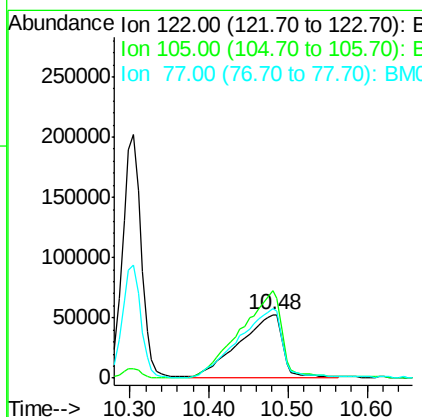
RT: 10.48 min Scan# 1223

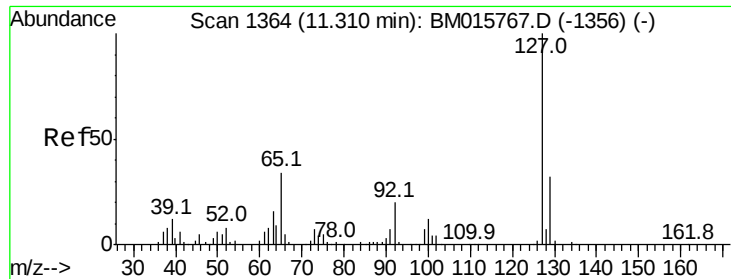
Delta R.T. 0.01 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 198536 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 137.5 | 99.9  | 139.9  |
| 77       | 110.0 | 73.7  | 113.7  |





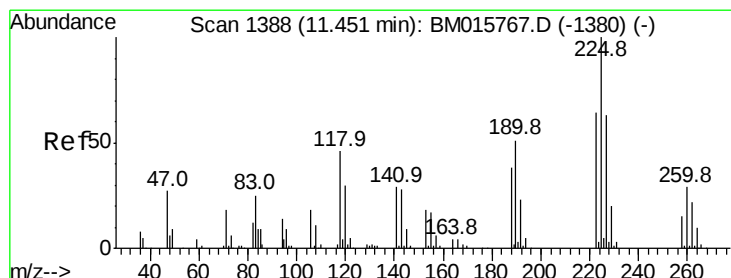
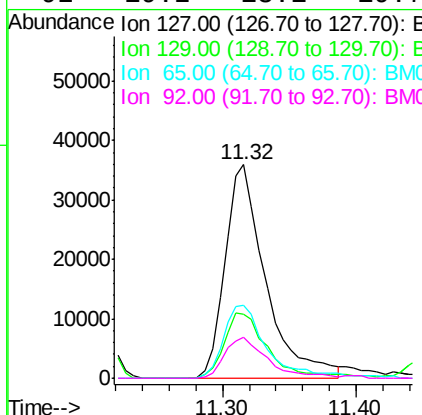
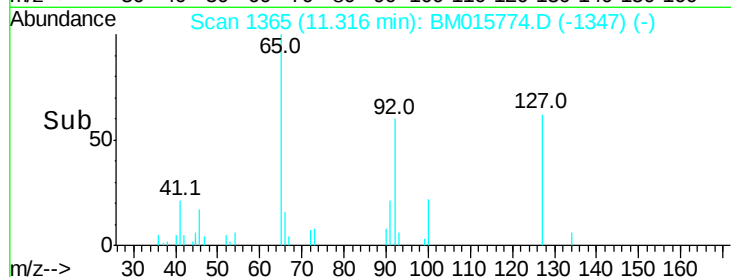
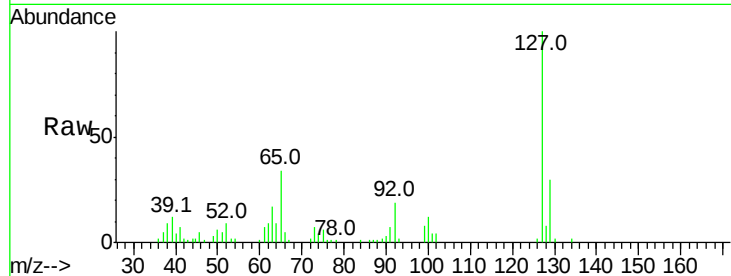
#33  
4-Chloroaniline  
Concen: 7.050 ng  
RT: 11.32 min Scan# 1365  
Delta R.T. 0.01 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 29.8 | 25.3  | 37.9 |       |       |
| 65      | 34.2 | 17.6  | 26.4 |       |       |
| 92      | 19.2 | 13.1  | 19.7 |       |       |

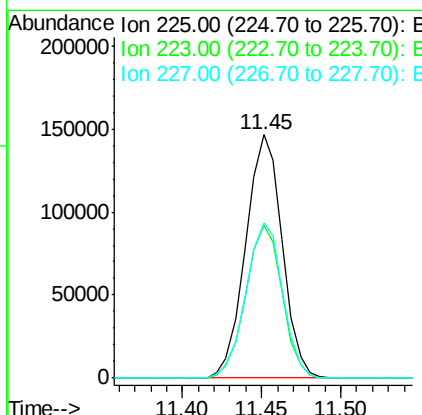
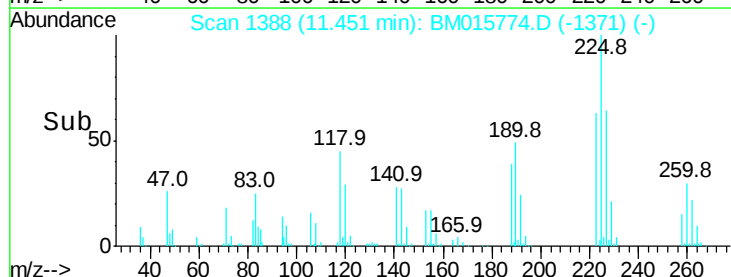
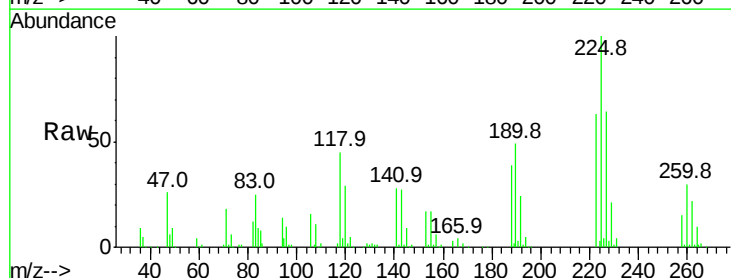
Manual Integrations  
APPROVED

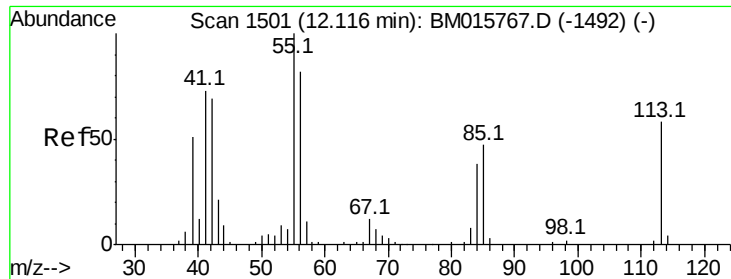
Sohil  
7/6/2018 5:21:46 PM



#34  
Hexachlorobutadiene  
Concen: 40.872 ng  
RT: 11.45 min Scan# 1388  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.6 | 47.9  | 71.9 |       |       |
| 227     | 64.0 | 50.1  | 75.1 |       |       |





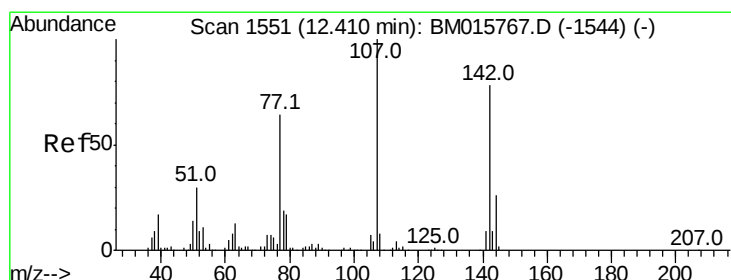
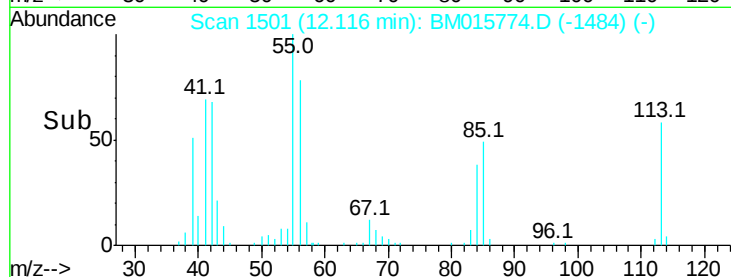
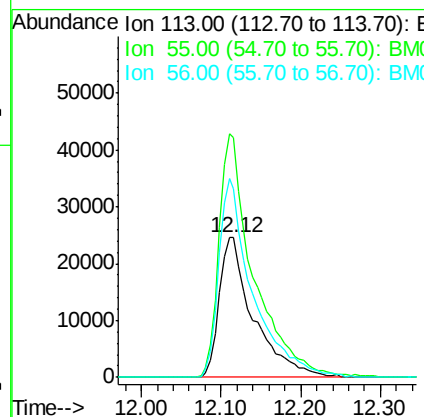
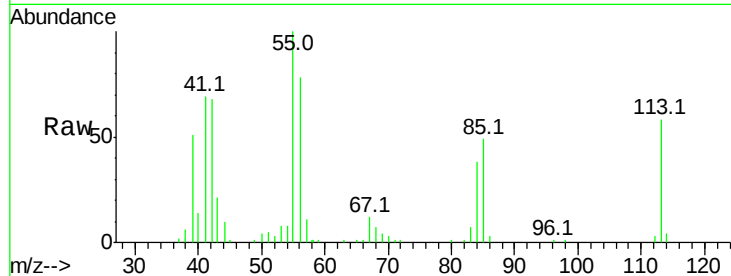
#35  
Caprolactam  
Concen: 30.056 ng/ml  
RT: 12.12 min Scan# 1501  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

Tot Ion:113 Resp: 73553  
Ion Ratio Lower Upper  
113 100  
55 172.0 145.9 185.9  
56 134.6 101.0 141.0

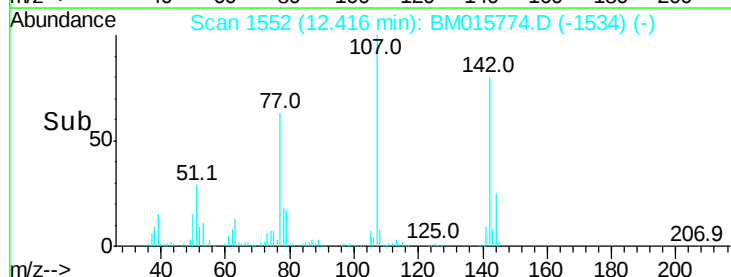
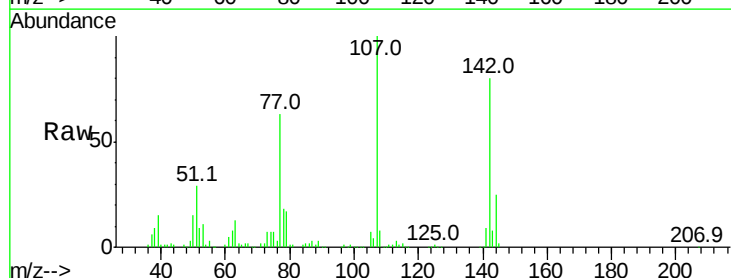
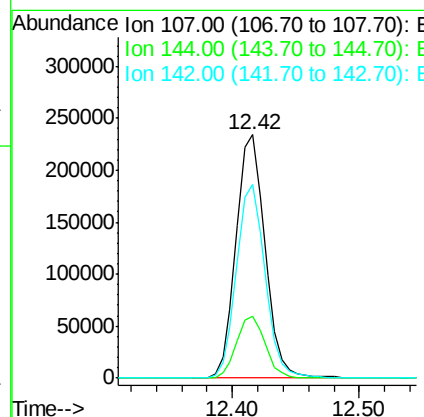
Manual Integrations  
APPROVED

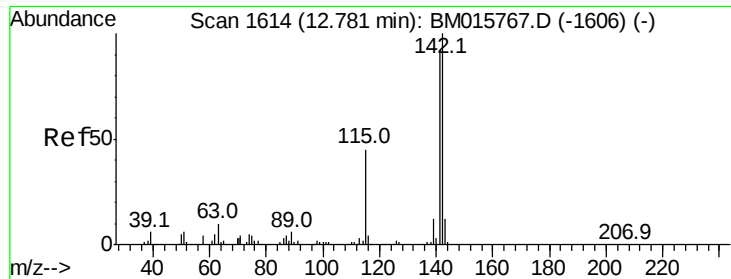
Sohil  
7/6/2018 5:21:46 PM



#36  
4-Chloro-3-methylphenol  
Concen: 43.795 ng  
RT: 12.42 min Scan# 1552  
Delta R.T. 0.01 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Tgt Ion:107 Resp: 370814  
Ion Ratio Lower Upper  
107 100  
144 25.2 23.3 34.9  
142 79.7 72.6 109.0





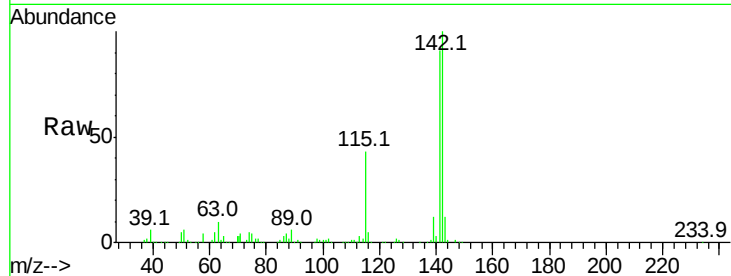
#37  
2-Methylnaphthalene  
Concen: 44.472 ng  
RT: 12.78 min Scan# 1614  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.6  | 71.9  | 107.9 |
| 115     | 43.5  | 25.4  | 38.0  |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM

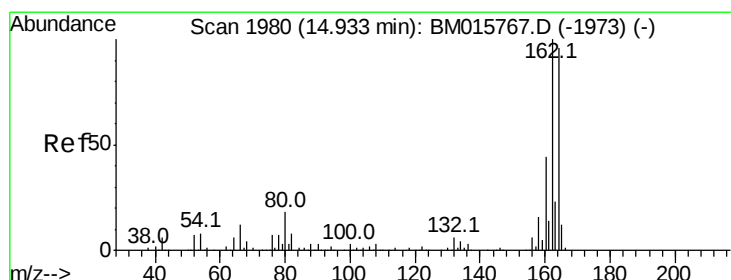
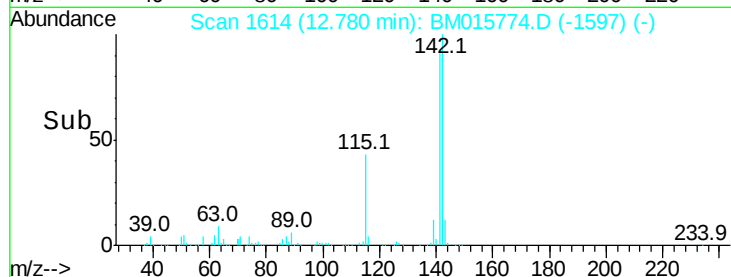
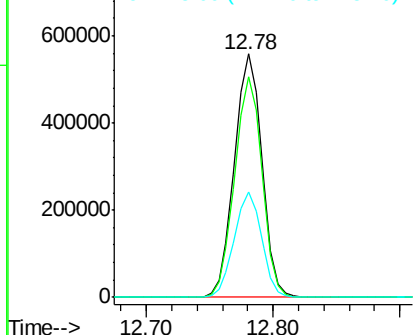


Abundance

Ion 142.00 (141.70 to 142.70): E

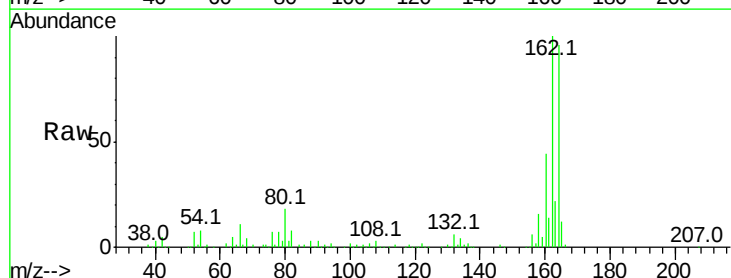
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.93 min Scan# 1980  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.8 | 82.4  | 123.6 |
| 160     | 46.1  | 35.8  | 53.6  |

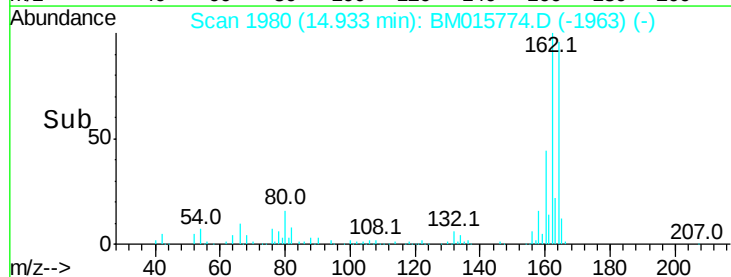
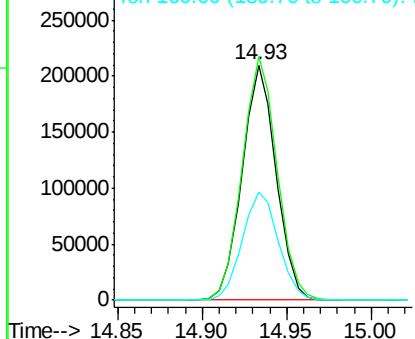


Abundance

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





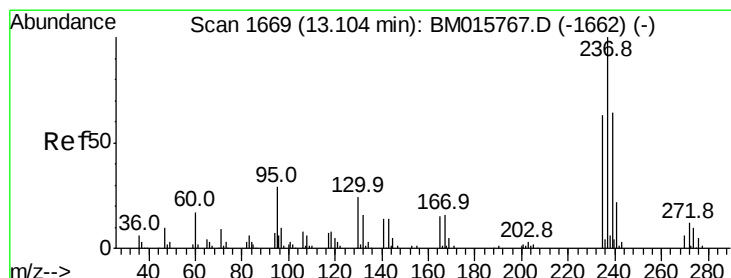
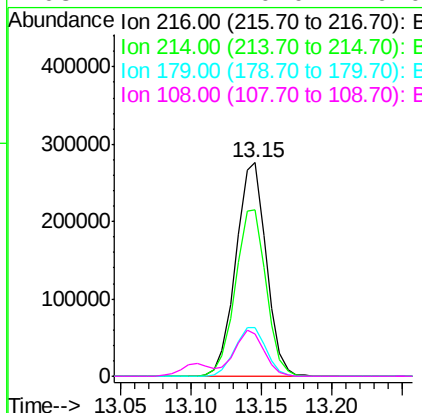
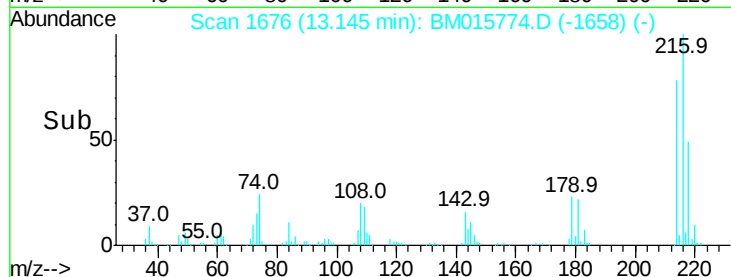
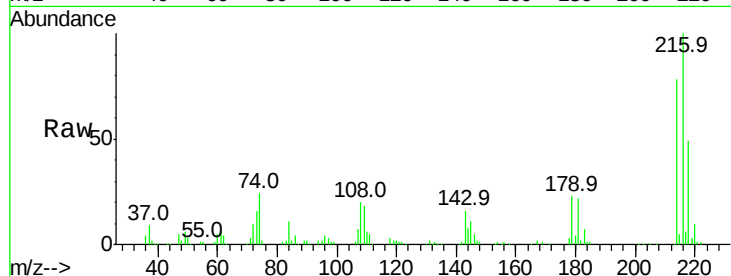
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.937 ng  
 RT: 13.15 min Scan# 1676  
 Delta R.T. 0.01 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 78.7  | 0.0  | 0.0   | 0.0   |
| 179     | 23.7  | 0.0  | 0.0   | 0.0   |
| 108     | 21.2  | 0.0  | 0.0   | 0.0   |

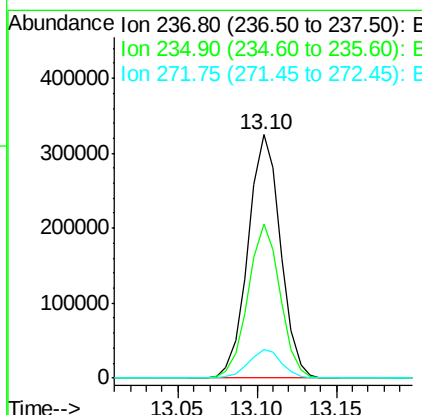
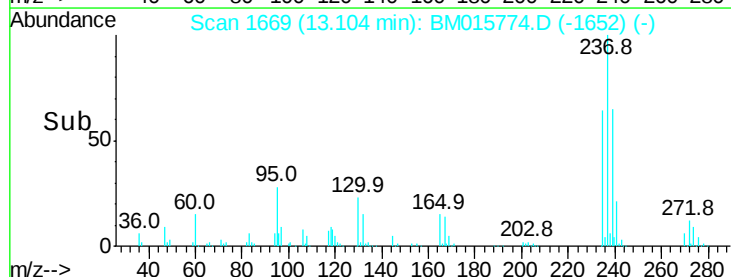
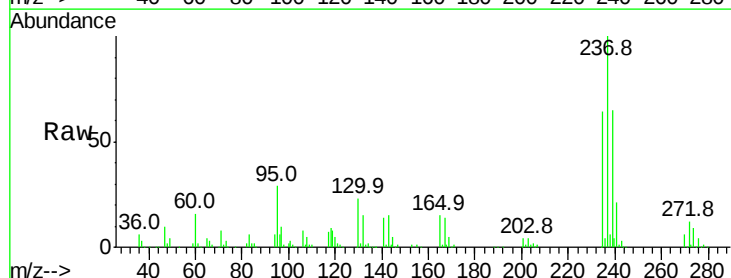
Manual Integrations  
 APPROVED

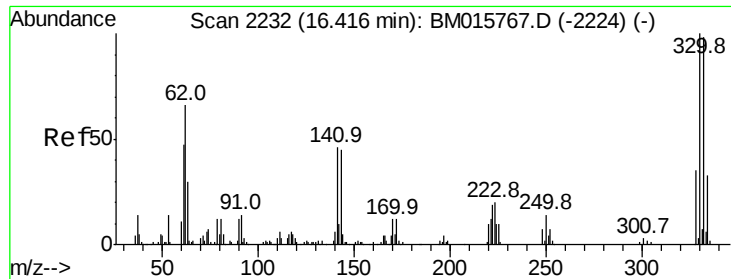
Sohil  
 7/6/2018 5:21:46 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 102.082 ng  
 RT: 13.10 min Scan# 1669  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   |      |       |       |
| 235     | 63.5  | 42.0 | 82.0  |       |
| 272     | 12.0  | 0.0  | 33.4  |       |





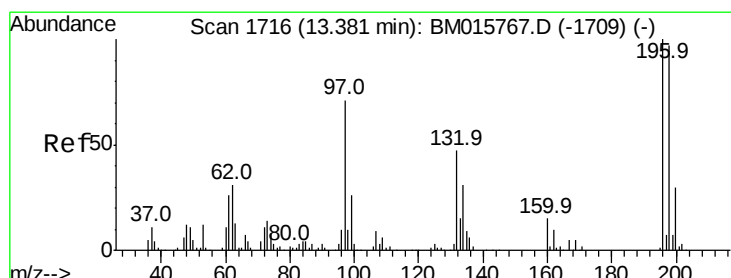
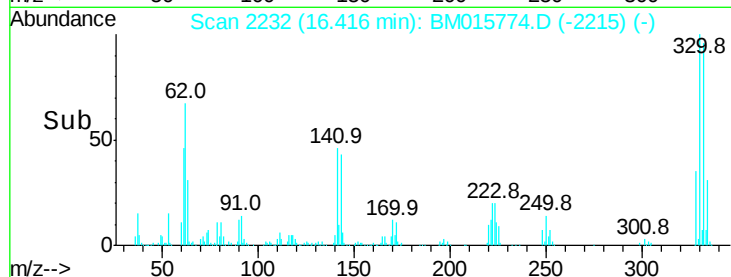
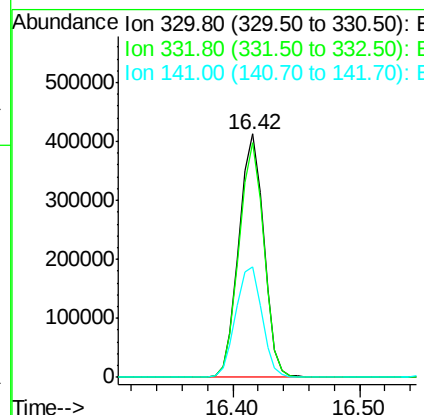
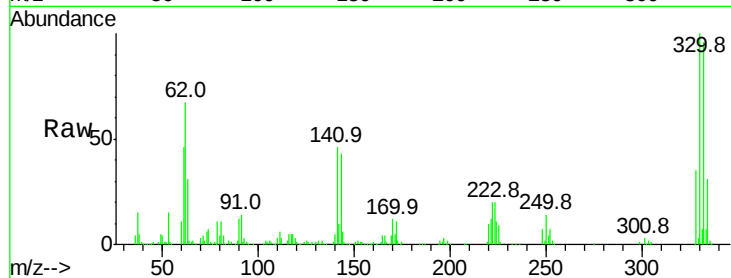
#41  
 2,4,6-Tribromophenol  
 Concen: 102.082 ng  
 RT: 16.42 min Scan# 2232  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 96.4  | 0.0        | 0.0#  |
| 141     | 48.0  | 0.0        | 0.0#  |

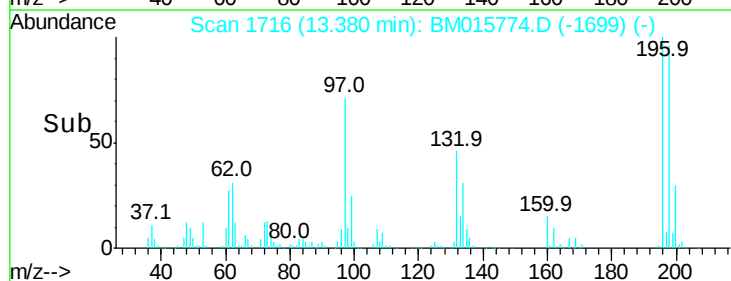
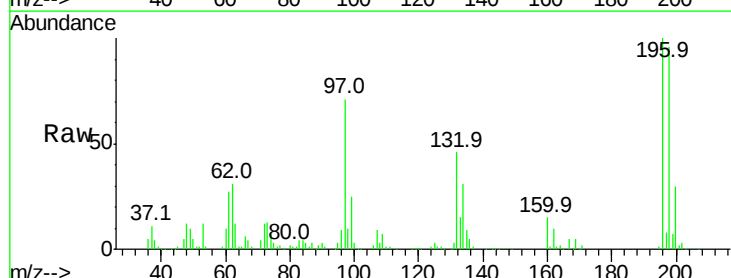
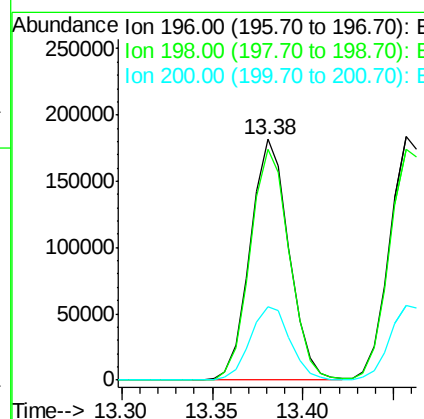
Manual Integrations  
 APPROVED

Sohil  
 7/6/2018 5:21:46 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 45.454 ng  
 RT: 13.38 min Scan# 1716  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 196     | 100   |            |       |
| 198     | 95.7  | 76.3       | 114.5 |
| 200     | 30.3  | 25.6       | 38.4  |





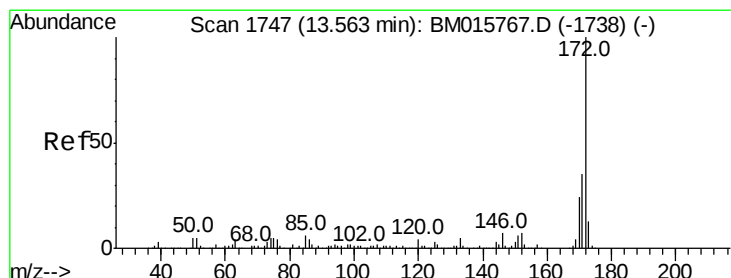
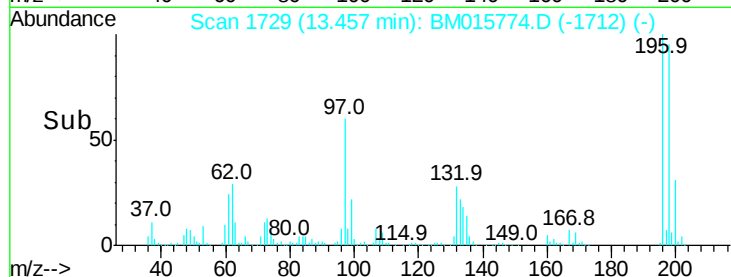
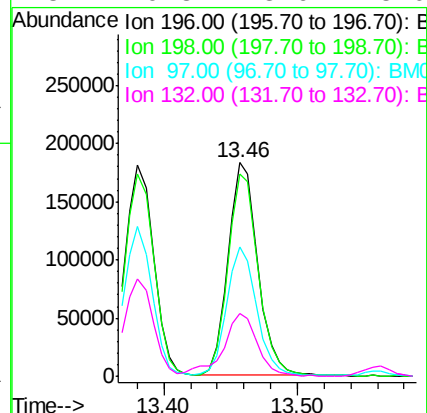
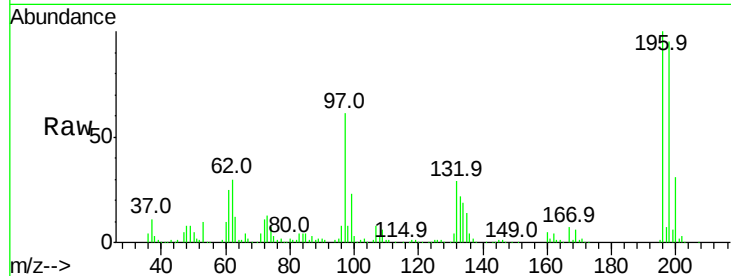
#43  
 2,4,5-Trichlorophenol  
 Concen: 44.645 ng  
 RT: 13.46 min Scan# 1729  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 287128 |       |       |
| 198     | 95.0  | 79.4   | 119.0 |       |
| 97      | 60.8  | 26.8   | 40.2  | #     |
| 132     | 29.3  | 18.6   | 28.0  | #     |

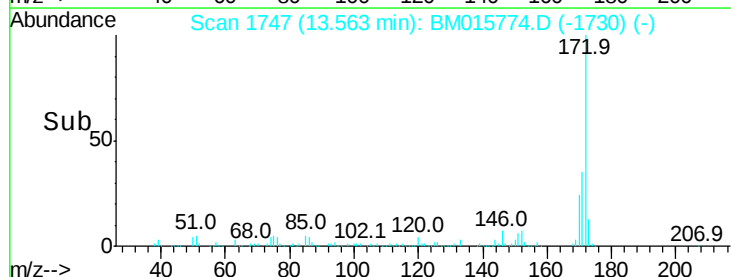
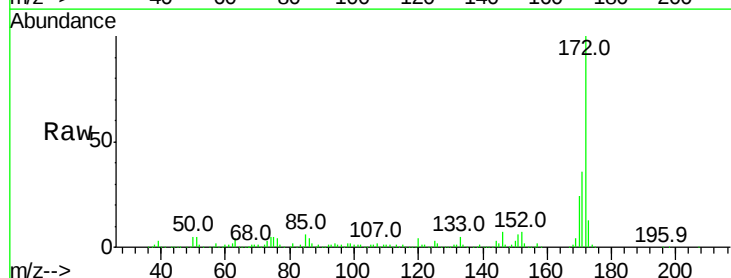
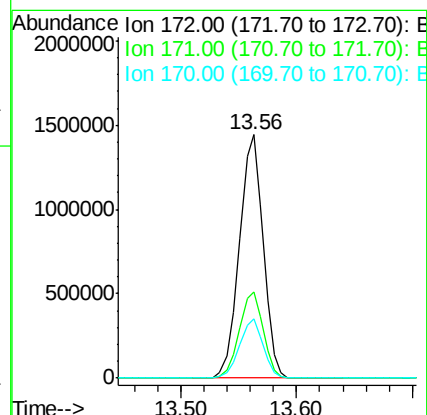
Manual Integrations  
 APPROVED

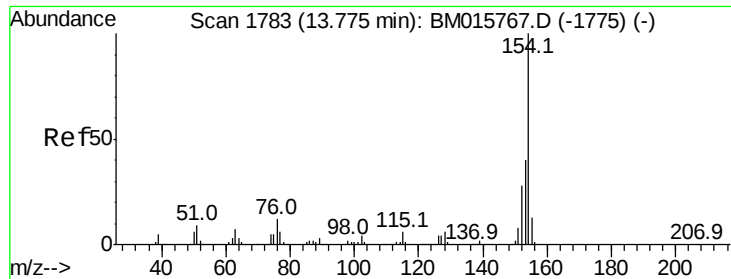
Sohil  
 7/6/2018 5:21:46 PM



#44  
 2-Fluorobiphenyl  
 Concen: 44.645 ng  
 RT: 13.56 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2051853 |       |       |
| 171     | 35.6  | 28.5    | 42.7  |       |
| 170     | 24.2  | 18.8    | 28.2  |       |





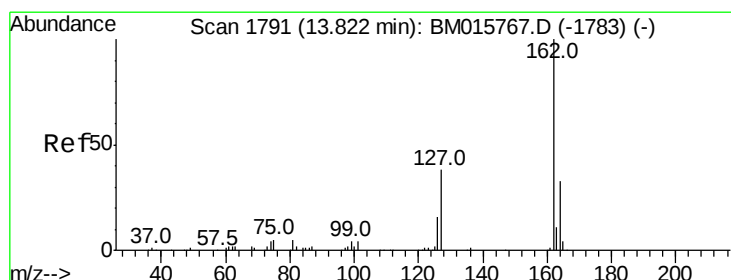
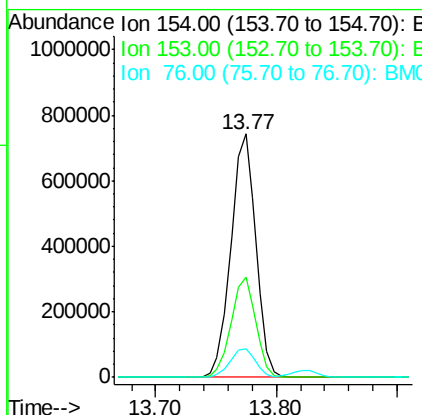
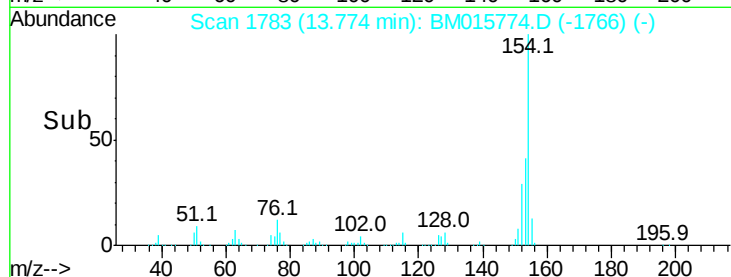
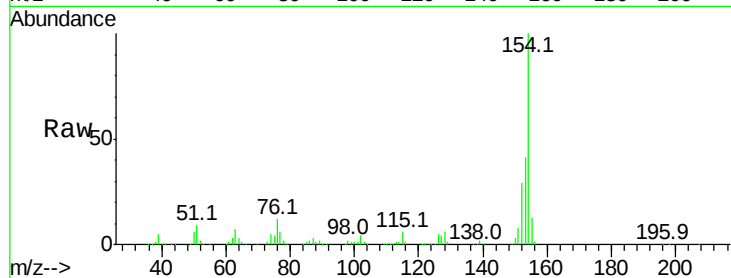
#45  
 1,1'-Biphenyl  
 Concen: 42.082 ng  
 RT: 13.77 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.1  | 20.7  | 60.7  |
| 76      | 12.0  | 0.0   | 30.9  |

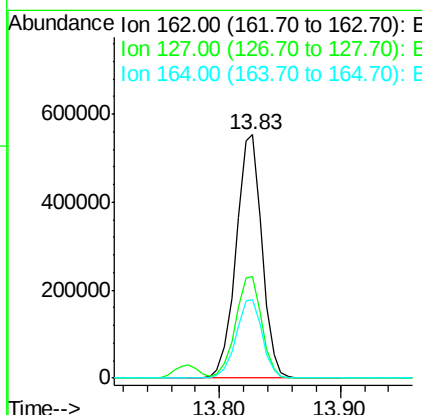
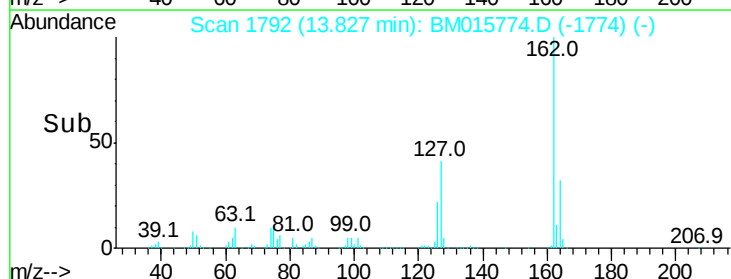
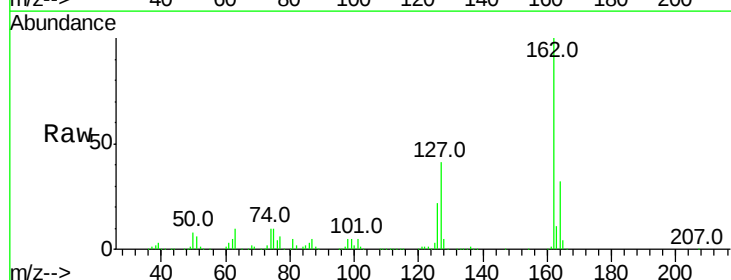
Manual Integrations  
 APPROVED

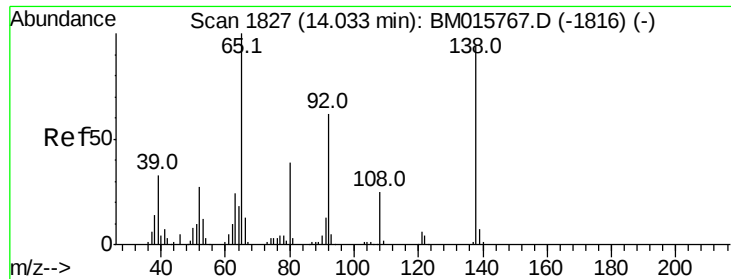
Sohil  
 7/6/2018 5:21:46 PM



#46  
 2-Chloronaphthalene  
 Concen: 43.373 ng  
 RT: 13.83 min Scan# 1792  
 Delta R.T. 0.01 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.5  | 26.9  | 40.3# |
| 164     | 32.4  | 26.8  | 40.2  |





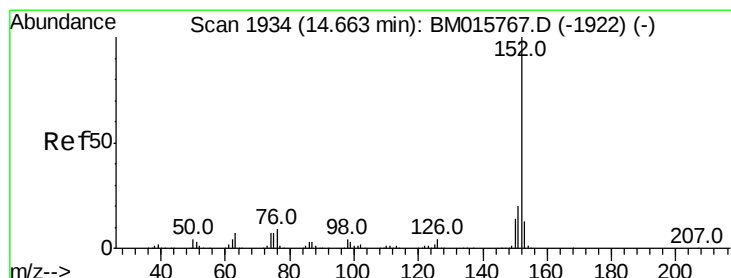
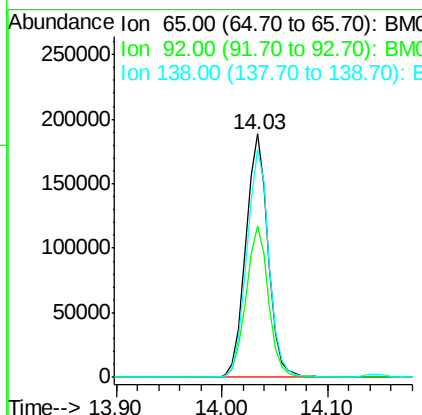
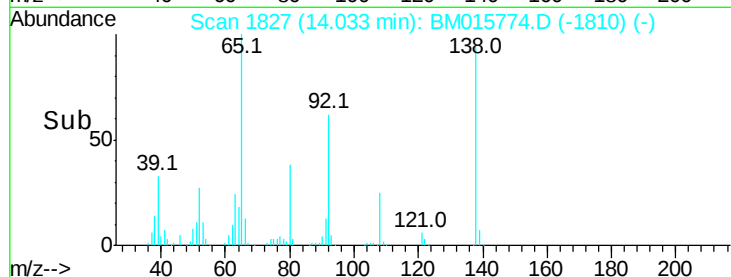
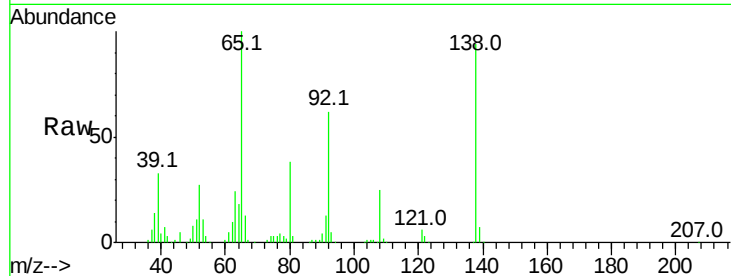
#47  
2-Nitroaniline  
Concen: 41.946 ng  
RT: 14.03 min Scan# 1827  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 62.0  | 59.1  | 88.7  |
| 138     | 93.8  | 93.9  | 140.9 |

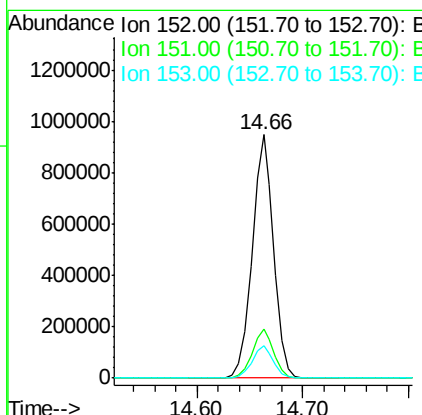
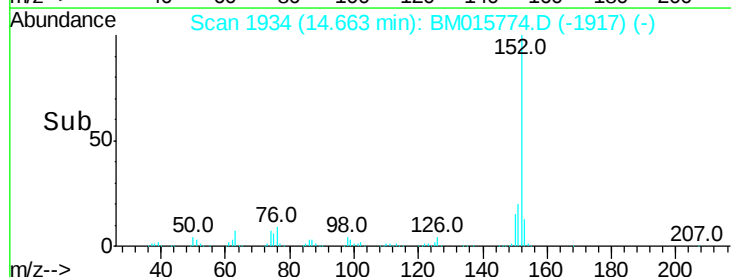
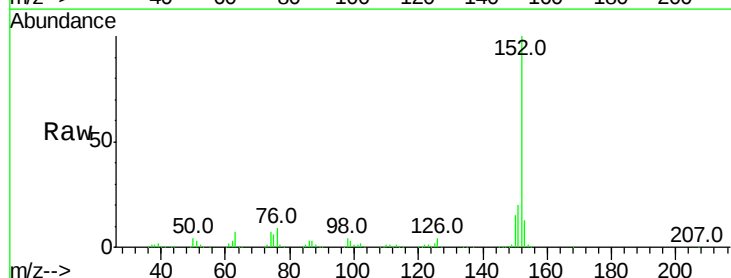
Manual Integrations  
APPROVED

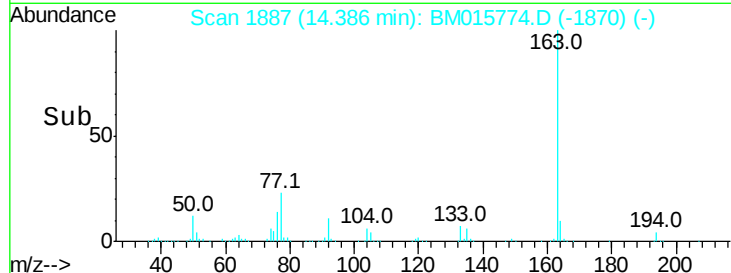
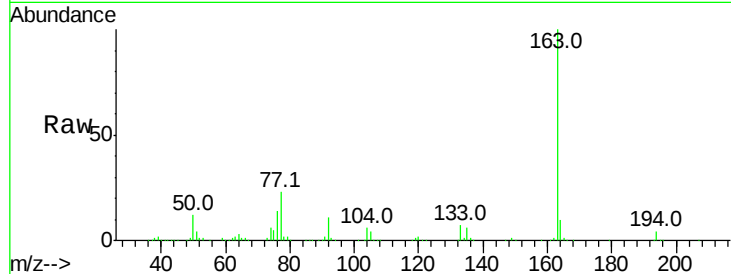
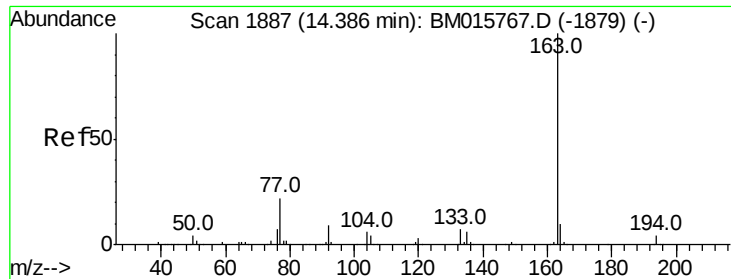
Sohil  
7/6/2018 5:21:46 PM



#48  
Acenaphthylene  
Concen: 43.165 ng  
RT: 14.66 min Scan# 1934  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.2  | 15.9  | 23.9  |
| 153     | 13.1  | 10.6  | 16.0  |





#49

Dimethylphthalate

Concen: 40.880 ng

RT: 14.39 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

Tot Ion:163 Resp: 1058008

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

164 10.0 8.2 12.2

Instrument :

BNA\_M

ClientSampleId :

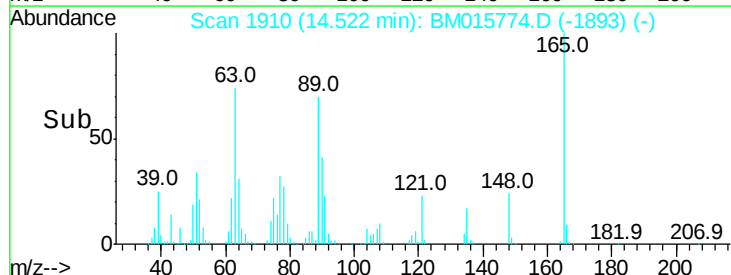
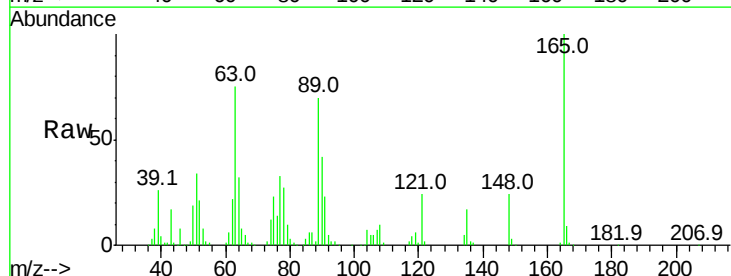
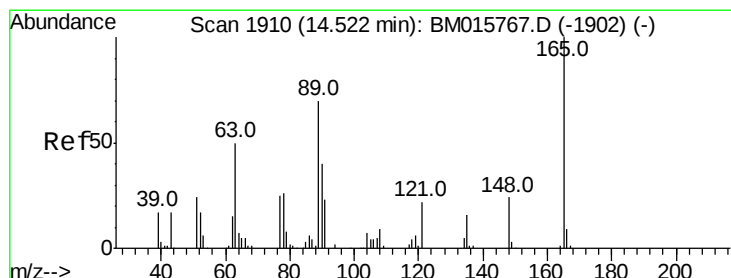
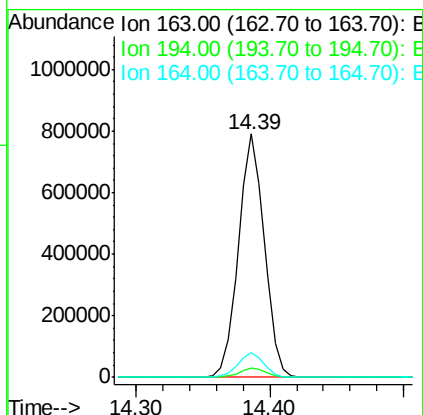
8782-AAMSD

Manual Integrations

APPROVED

Sohil

7/6/2018 5:21:46 PM



#50

2,6-Dinitrotoluene

Concen: 43.707 ng

RT: 14.52 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

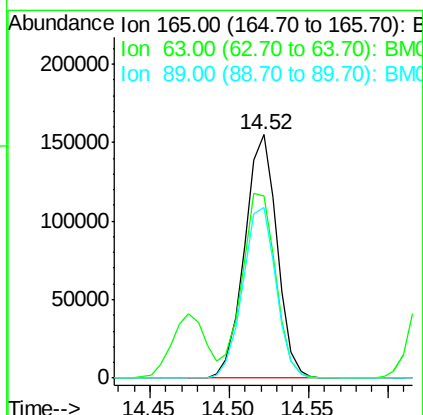
Tgt Ion:165 Resp: 220553

Ion Ratio Lower Upper

165 100

63 74.8 44.1 66.1#

89 70.3 44.3 66.5#





#51

Acenaphthene

Concen: 40.316 ng

RT: 15.00 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

Instrument :

BNA\_M

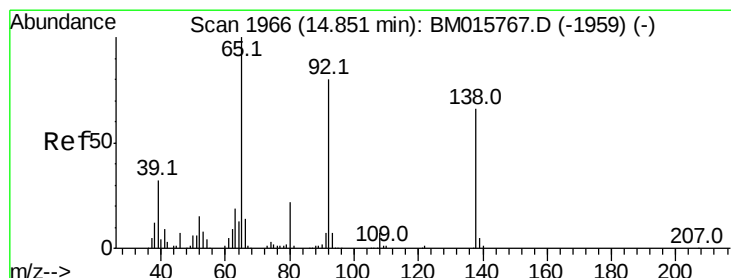
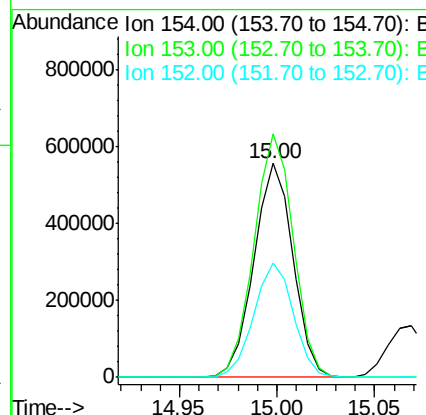
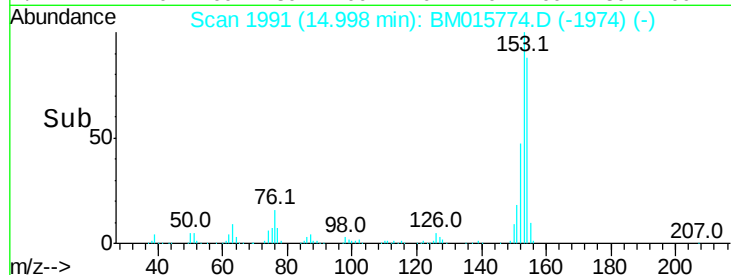
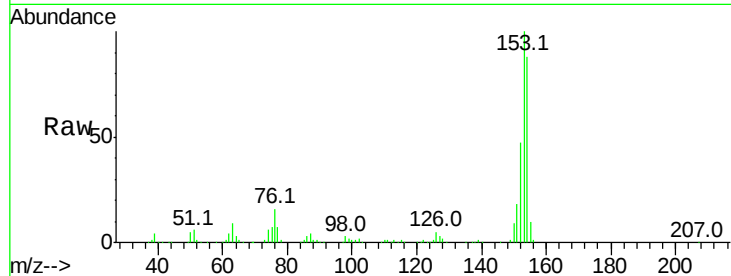
ClientSampleId :

8782-AAMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 774182 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.7 | 90.0  | 135.0  |
| 152       | 53.7  | 42.6  | 63.8   |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM



#52

3-Nitroaniline

Concen: 19.647 ng

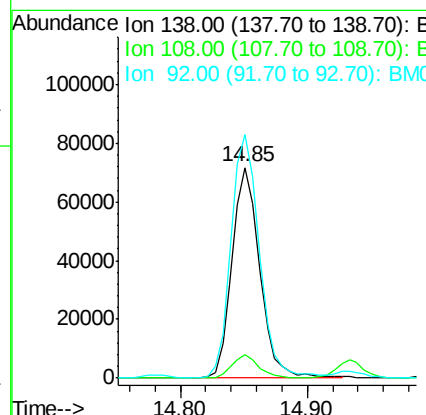
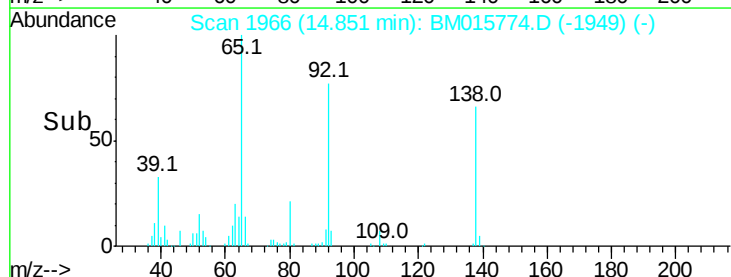
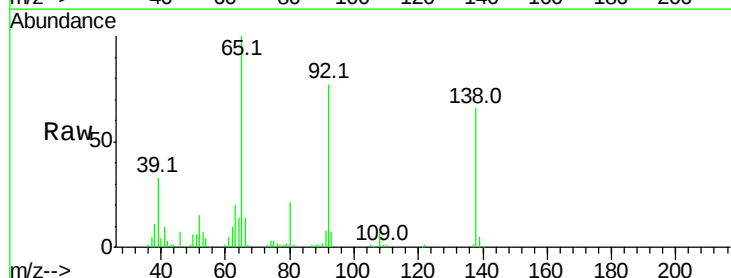
RT: 14.85 min Scan# 1966

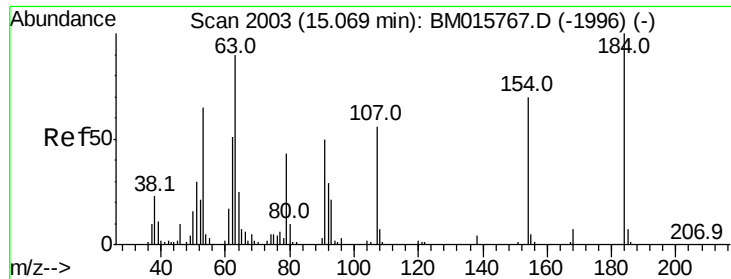
Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 108517 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 11.1  | 7.3   | 10.9#  |
| 92        | 115.4 | 76.6  | 114.8# |





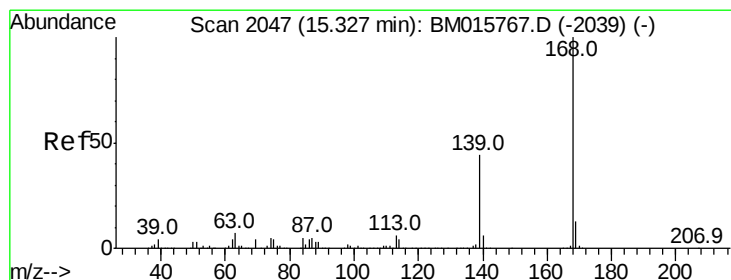
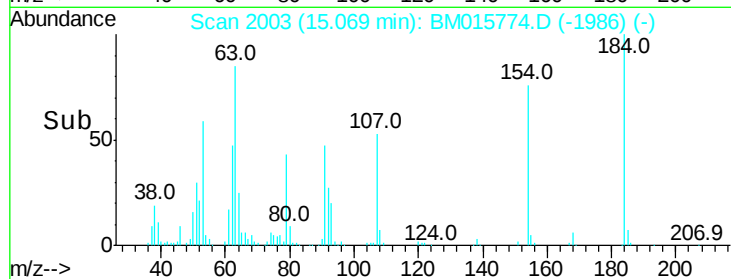
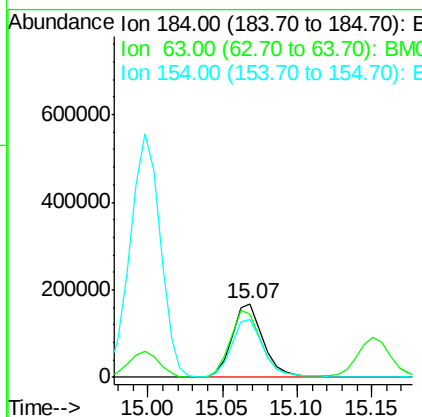
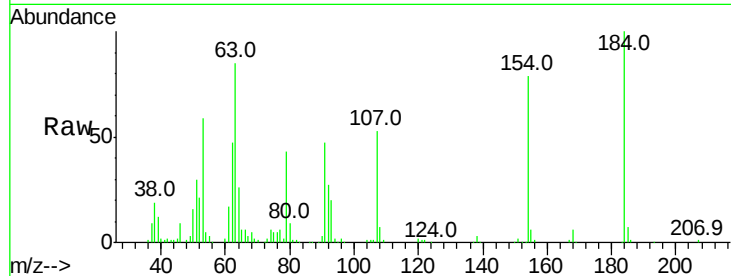
#53  
2,4-Dinitrophenol  
Concen: 96.883 ng  
RT: 15.07 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 248736 |       |       |
| 63      | 85.5  | 69.2   | 103.8 |       |
| 154     | 79.1  | 53.3   | 79.9  |       |

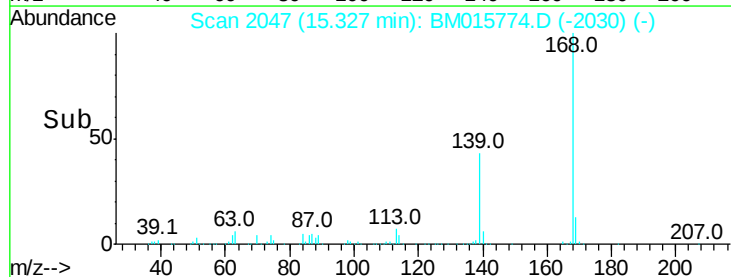
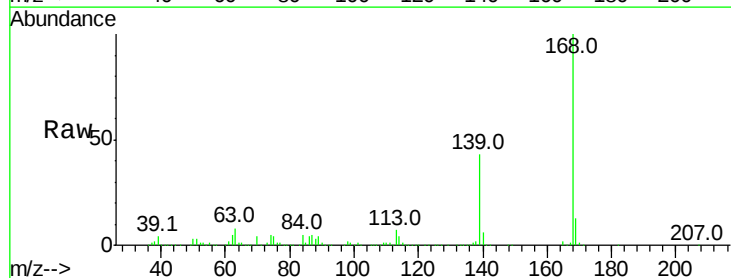
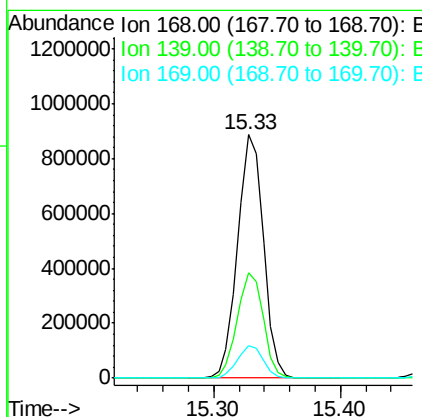
Manual Integrations  
APPROVED

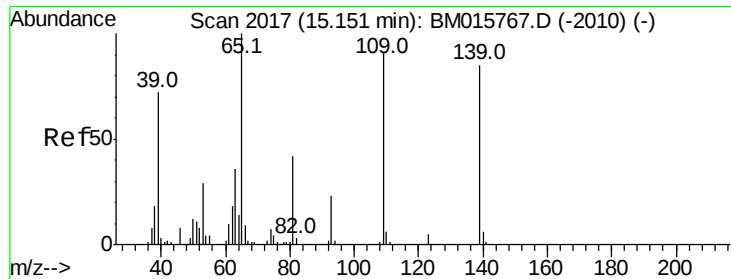
Sohil  
7/6/2018 5:21:46 PM



#54  
Dibenzofuran  
Concen: 42.124 ng  
RT: 15.33 min Scan# 2047  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1246446 |       |       |
| 139     | 43.1  | 27.3    | 40.9# |       |
| 169     | 13.5  | 10.6    | 16.0  |       |





#55

4-Nitrophenol

Concen: 80.162 ng

RT: 15.15 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

Instrument :

BNA\_M

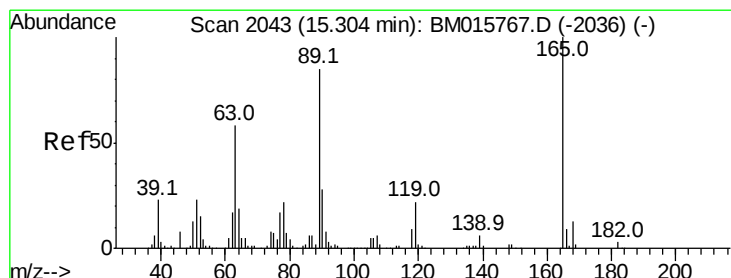
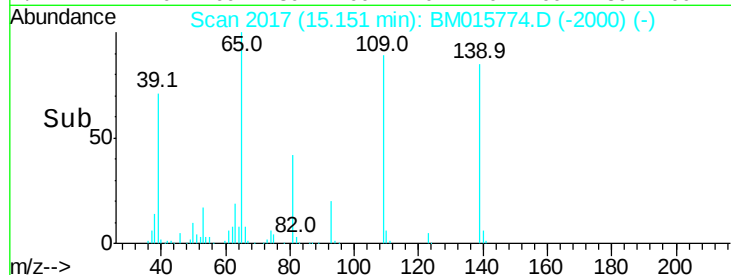
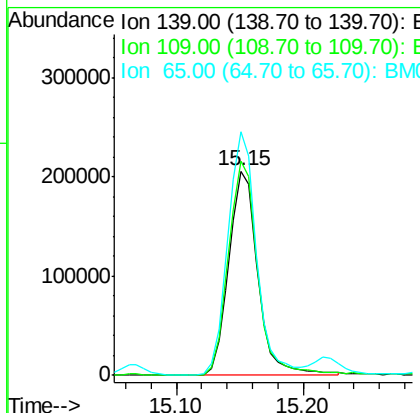
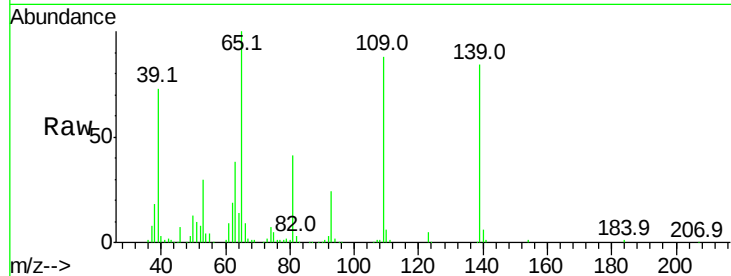
ClientSampleId :

8782-AAMSD

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 139     | 100   |       |        |       |
| 109     | 104.9 | 130.0 | 170.0# |       |
| 65      | 119.0 | 130.0 | 170.0# |       |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM



#56

2,4-Dinitrotoluene

Concen: 43.397 ng

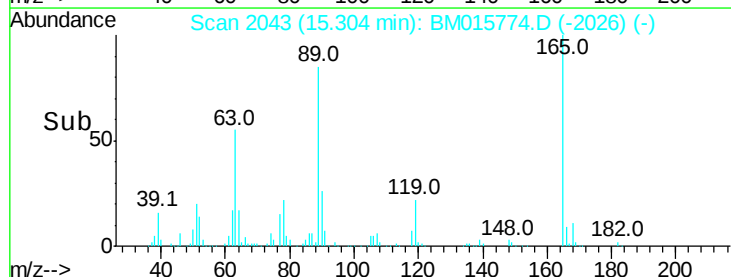
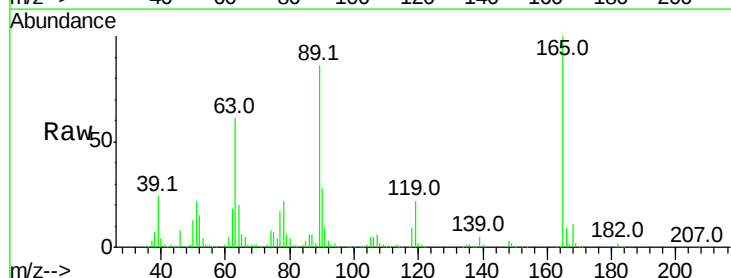
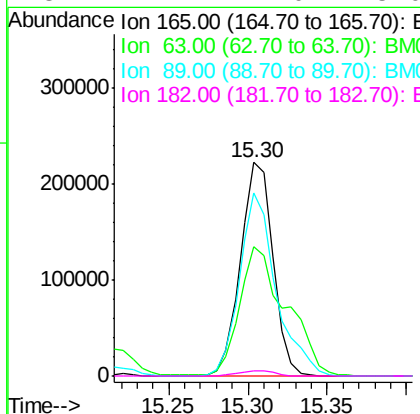
RT: 15.30 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 60.5  | 52.4 | 78.6  |       |
| 89      | 85.8  | 72.4 | 108.6 |       |
| 182     | 2.4   | 2.0  | 3.0   |       |





#57

Fluorene

Concen: 41.695 ng

RT: 15.97 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

Instrument :

BNA\_M

ClientSampleId :

8782-AAMSD

Tot Ion:166 Resp: 1017384

Ion Ratio Lower Upper

166 100

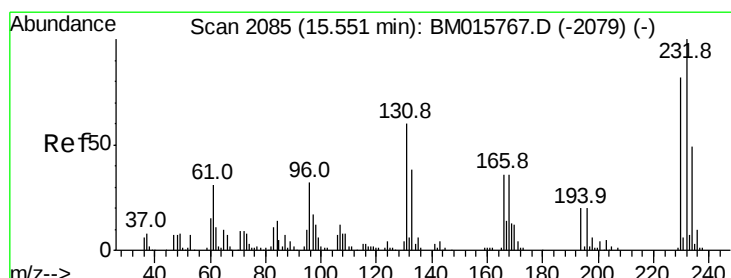
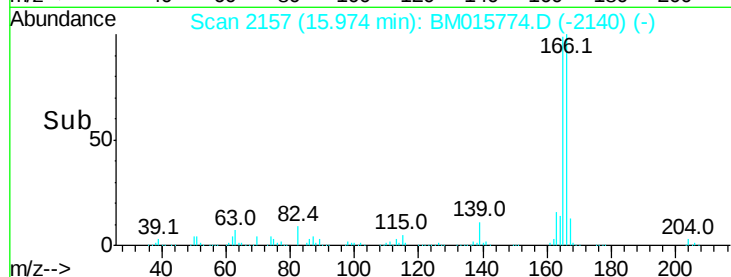
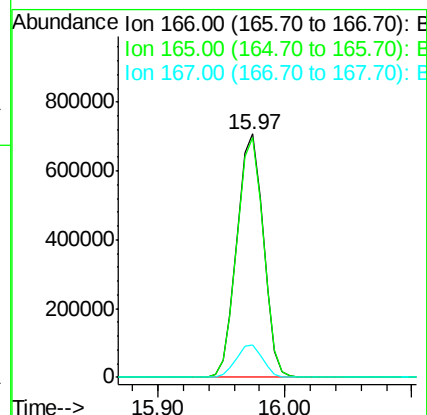
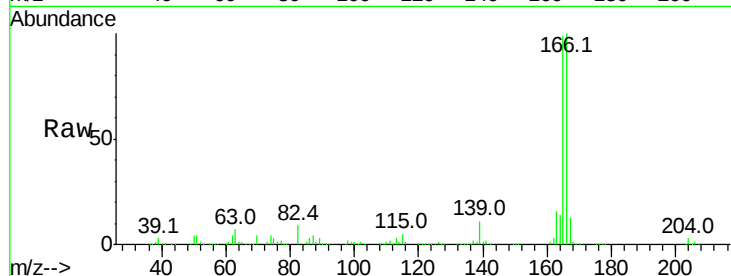
165 98.7 79.0 118.4

167 13.2 10.3 15.5

Manual Integrations  
APPROVED

Sohil

7/6/2018 5:21:46 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.777 ng

RT: 15.55 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

Tgt Ion:232 Resp: 248435

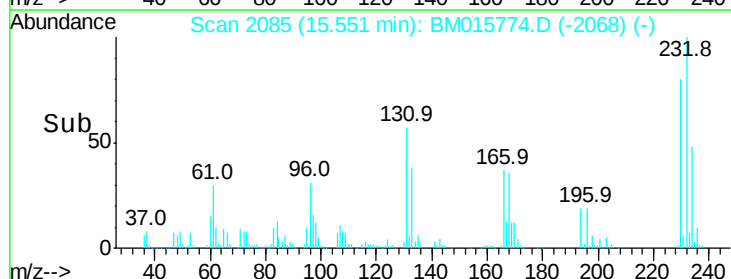
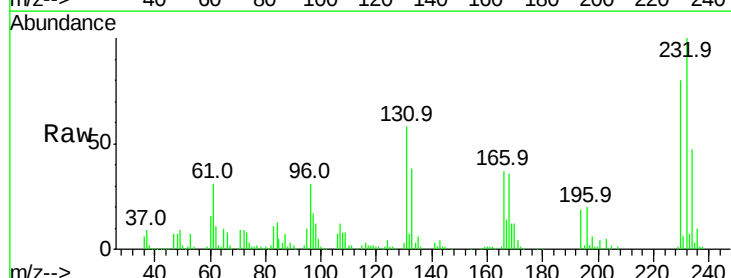
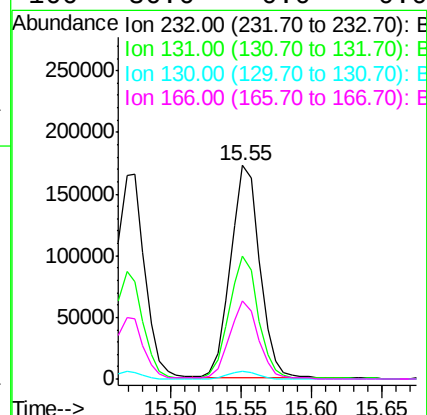
Ion Ratio Lower Upper

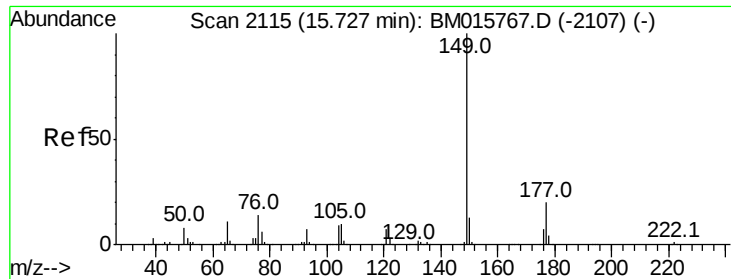
232 100

131 56.8 0.0 0.0#

130 3.7 0.0 0.0#

166 36.6 0.0 0.0#





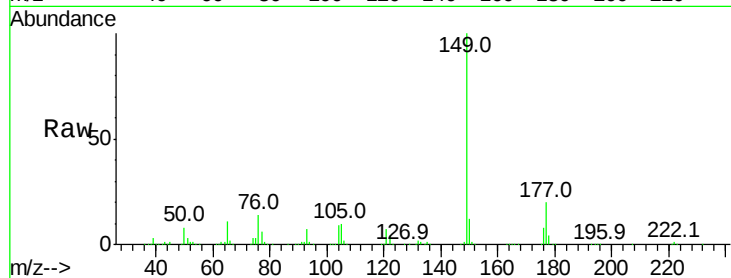
#59  
Diethylphthalate  
Concen: 40.308 ng  
RT: 15.73 min Scan# 2115  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

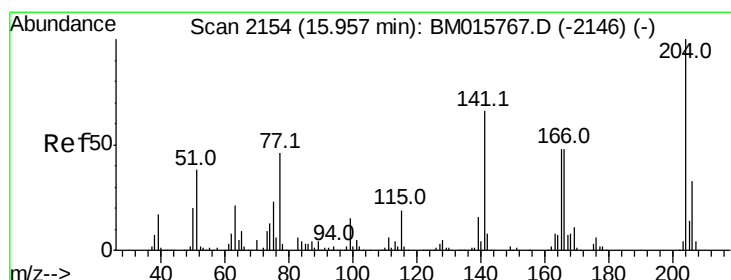
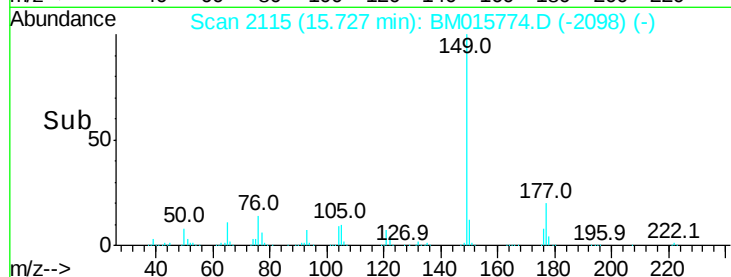
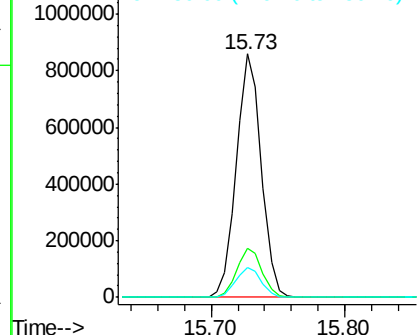
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 19.9  | 18.3  | 27.5  |
| 150     | 12.3  | 9.8   | 14.8  |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM

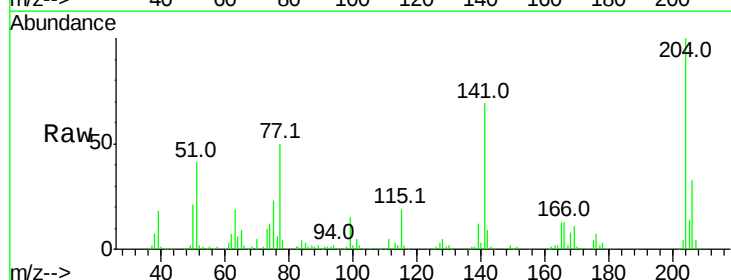


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

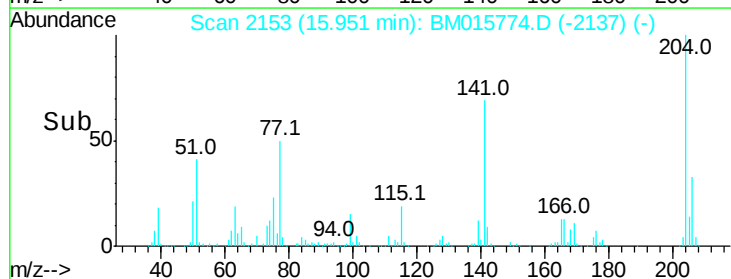
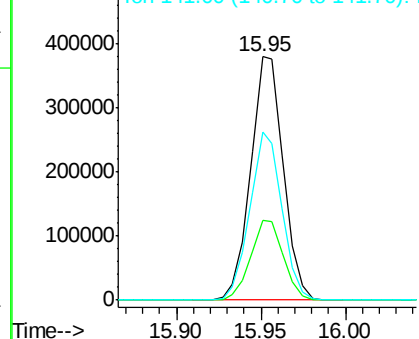


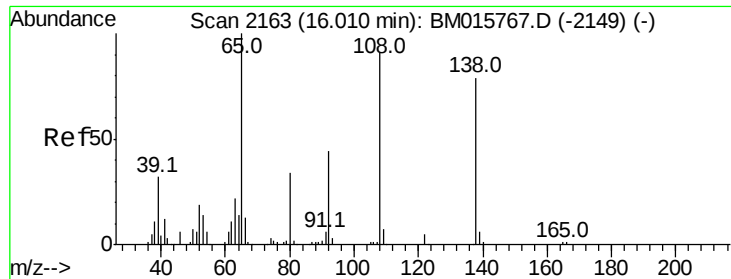
#60  
4-Chlorophenyl-phenylether  
Concen: 40.627 ng  
RT: 15.95 min Scan# 2153  
Delta R.T. -0.01 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.9  | 26.6  | 39.8  |
| 141     | 69.2  | 45.2  | 67.8# |



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





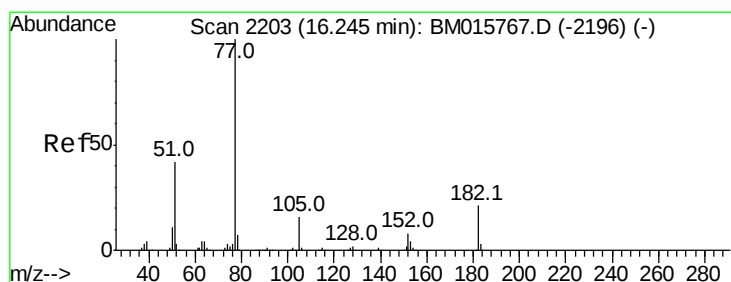
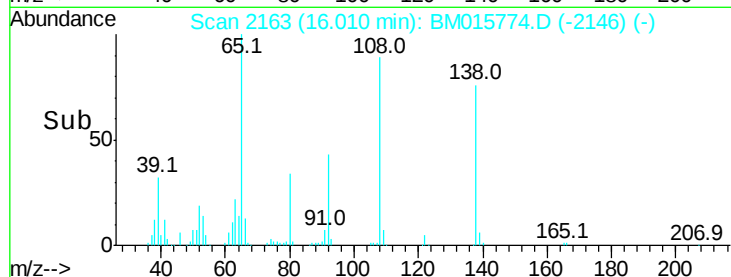
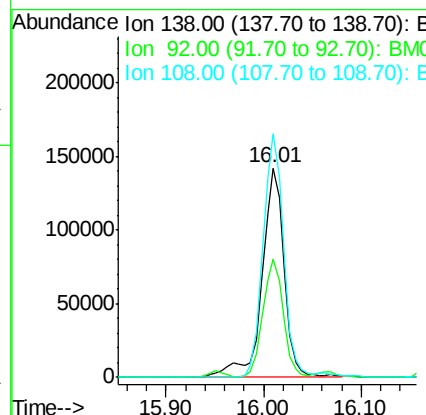
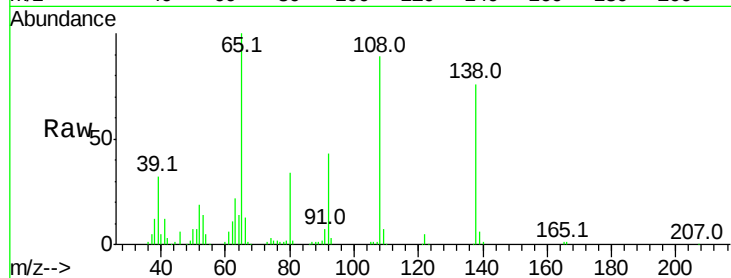
#61  
4-Nitroaniline  
Concen: 39.626 ng  
RT: 16.01 min Scan# 2163  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 56.8  | 16.7  | 56.7# |
| 108     | 116.3 | 37.6  | 77.6# |

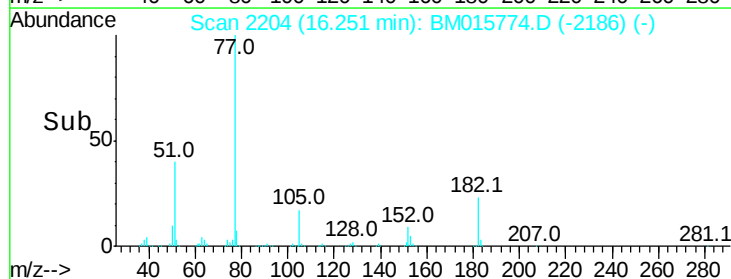
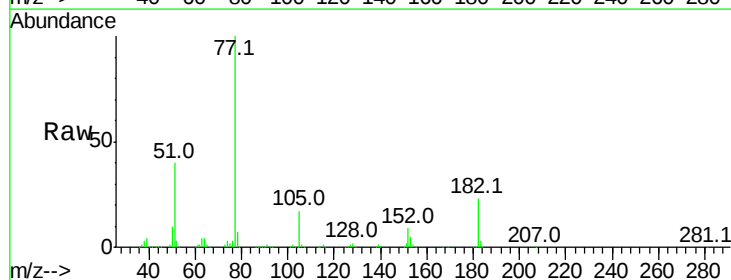
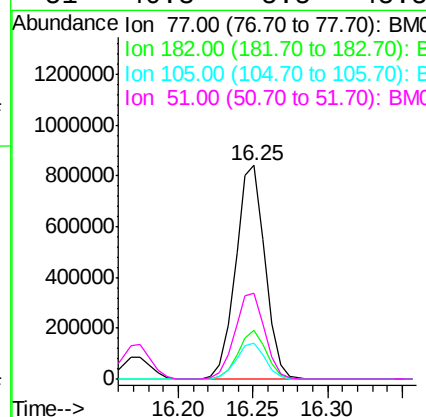
Manual Integrations  
APPROVED

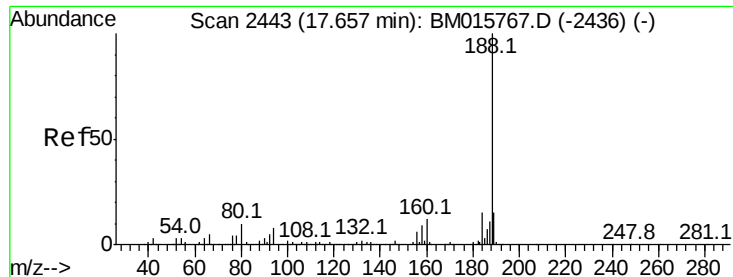
Sohil  
7/6/2018 5:21:46 PM



#62  
Azobenzene  
Concen: 44.221 ng  
RT: 16.25 min Scan# 2204  
Delta R.T. 0.01 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 22.7  | 6.5   | 46.5  |
| 105     | 16.6  | 3.8   | 43.8  |
| 51      | 40.3  | 5.5   | 45.5  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

Instrument :

BNA\_M

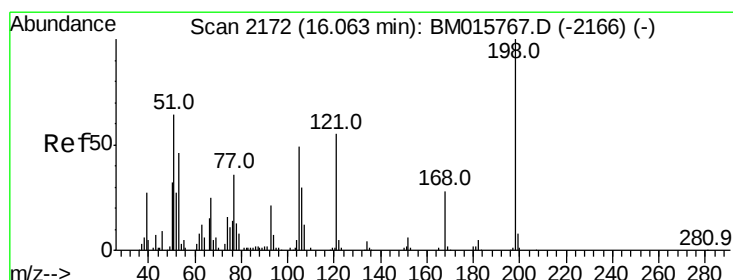
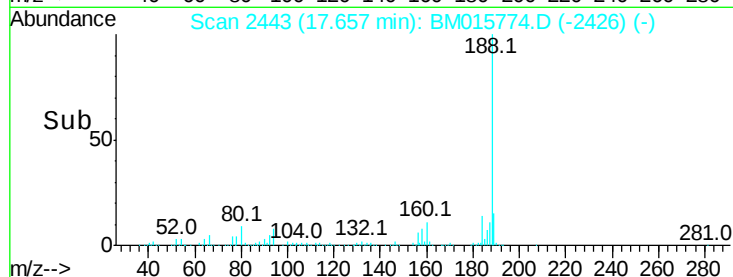
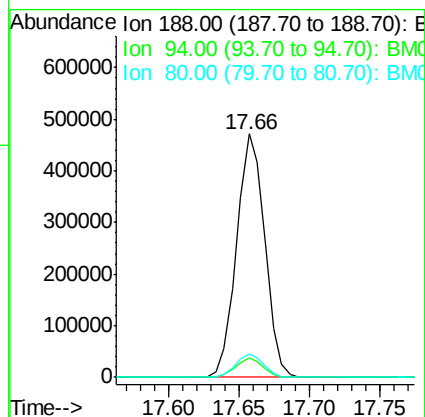
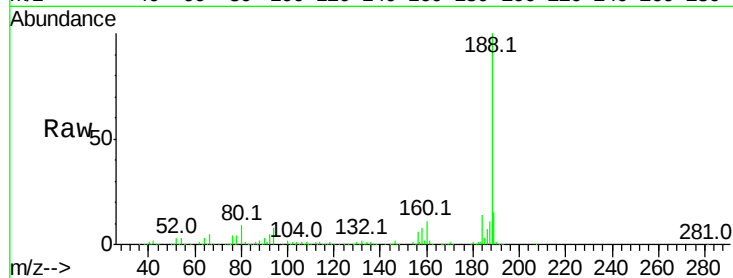
ClientSampleId :

8782-AAMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 656739 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 8.2   | 8.7   | 13.1#  |
| 80        | 9.4   | 9.3   | 13.9   |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 40.889 ng

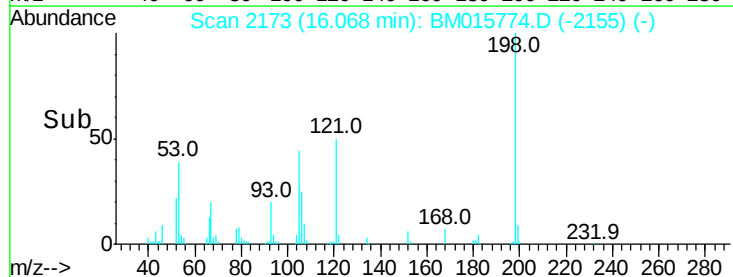
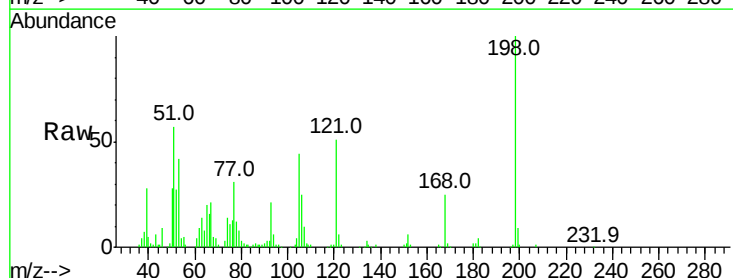
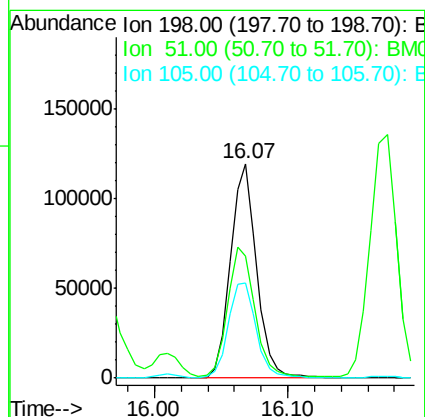
RT: 16.07 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 163248 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 56.7  | 28.8  | 68.8   |
| 105       | 44.3  | 30.5  | 70.5   |





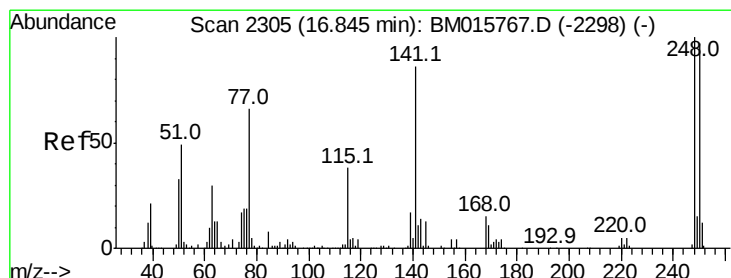
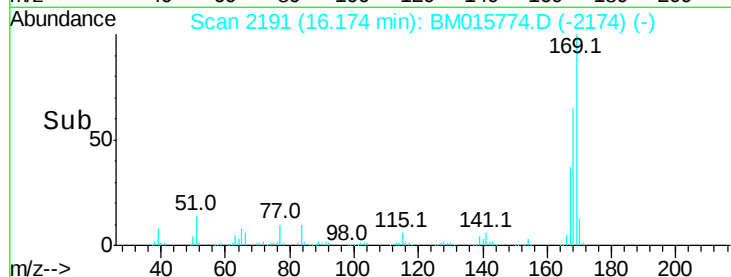
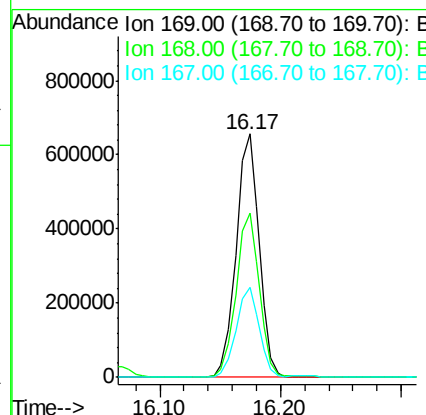
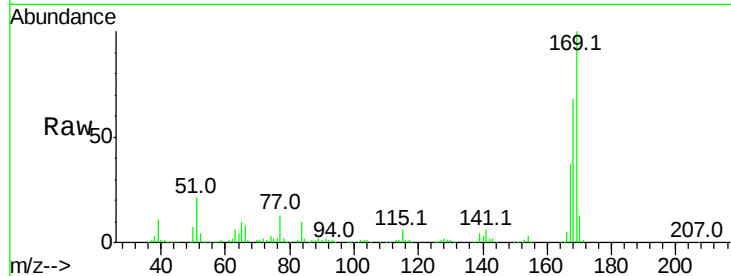
#65  
 n-Nitrosodiphenylamine  
 Concen: 38.690 ng  
 RT: 16.17 min Scan# 2191  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 870649 |       |       |
| 168     | 67.6  |        | 53.9  | 80.9  |
| 167     | 36.7  |        | 28.9  | 43.3  |

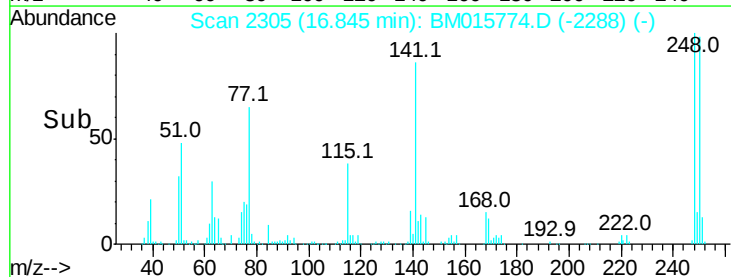
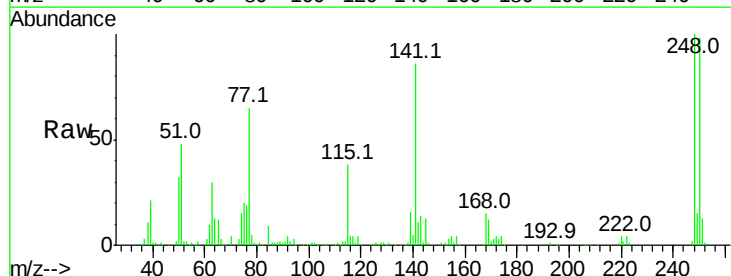
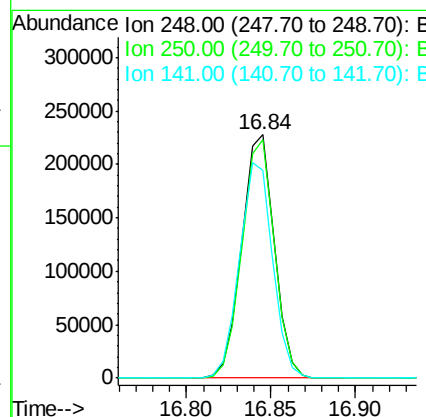
Manual Integrations  
 APPROVED

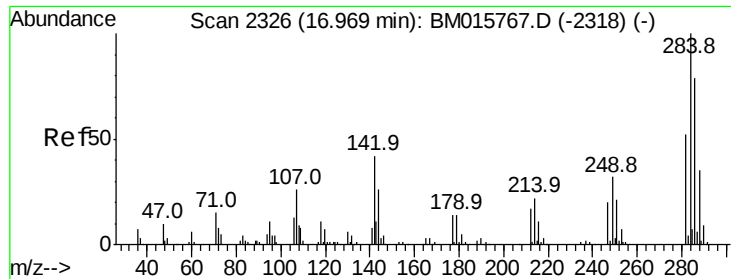
Sohil  
 7/6/2018 5:21:46 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 41.780 ng  
 RT: 16.84 min Scan# 2305  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 306355 |       |       |
| 250     | 98.2  |        | 77.4  | 116.0 |
| 141     | 85.5  |        | 45.2  | 67.8# |





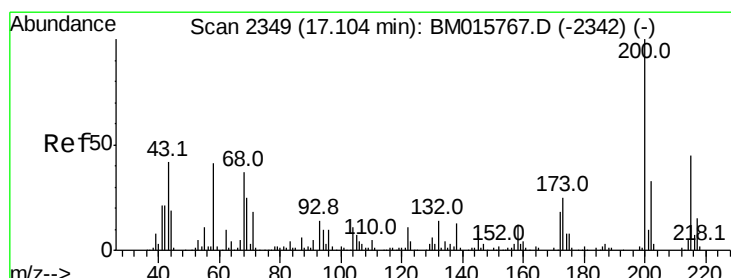
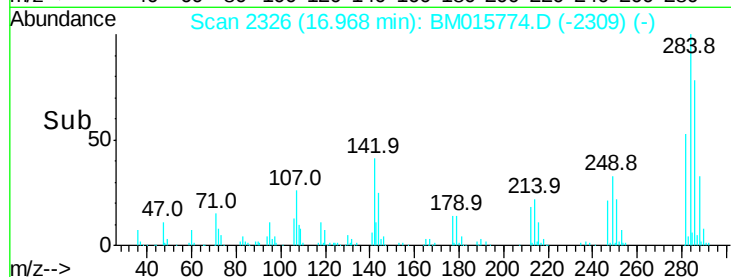
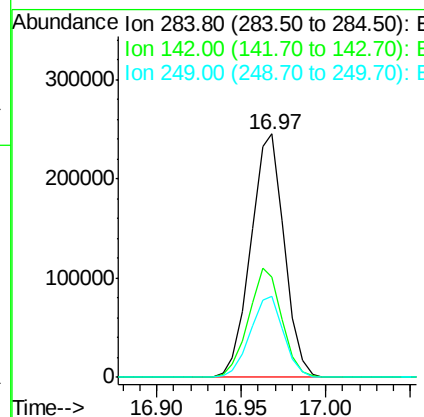
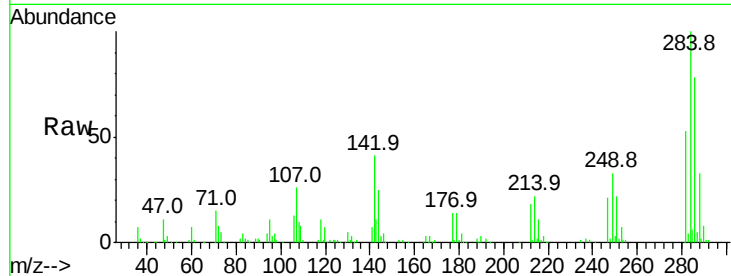
#67  
Hexachlorobenzene  
Concen: 41.240 ng  
RT: 16.97 min Scan# 2326  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 337913 |       |       |
| 142     | 41.2  | 20.4   | 30.6  |       |
| 249     | 33.1  | 23.8   | 35.6  |       |

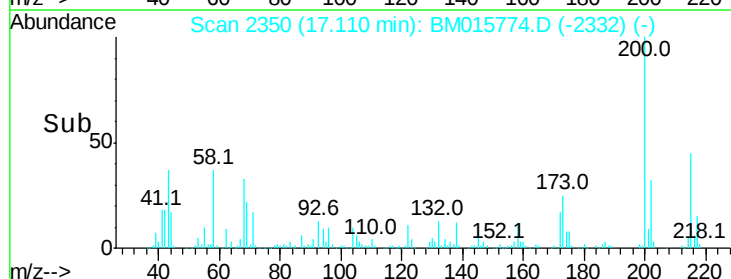
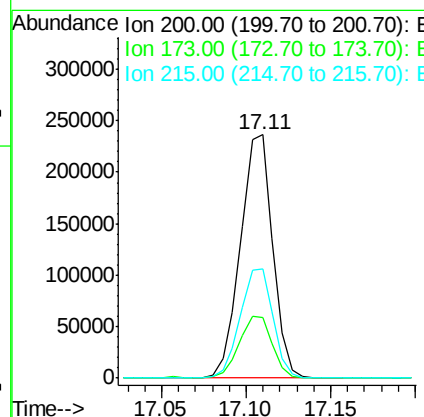
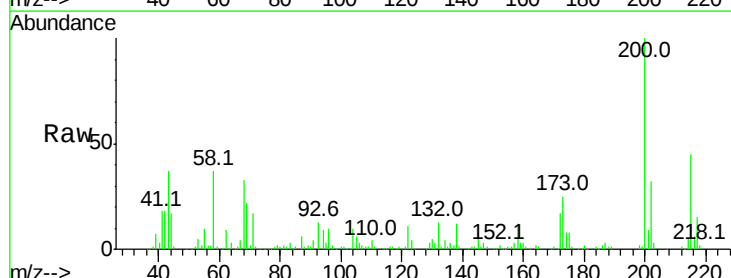
Manual Integrations  
APPROVED

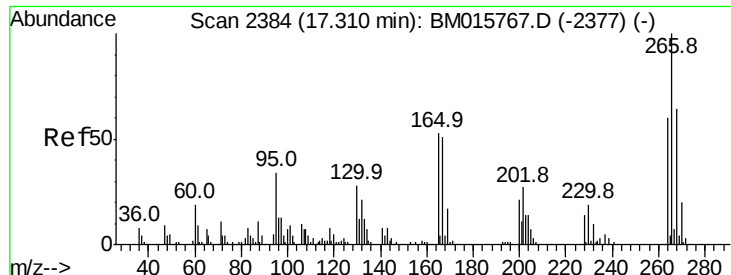
Sohil  
7/6/2018 5:21:46 PM



#68  
Atrazine  
Concen: 42.534 ng  
RT: 17.11 min Scan# 2350  
Delta R.T. 0.01 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 314830 |       |       |
| 173     | 25.1  | 4.8    | 44.8  |       |
| 215     | 45.0  | 26.9   | 66.9  |       |





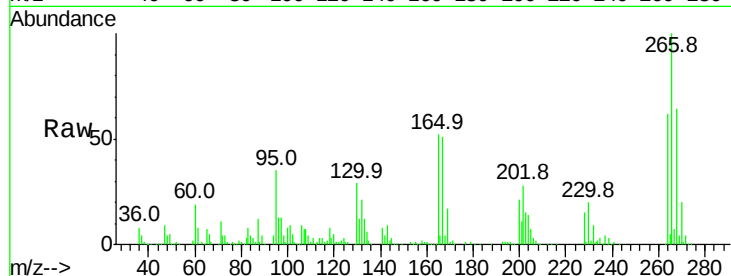
#69  
 Pentachlorophenol  
 Concen: 75.220 ng  
 RT: 17.31 min Scan# 2384  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

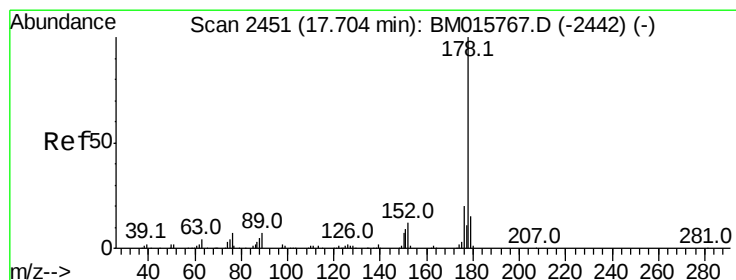
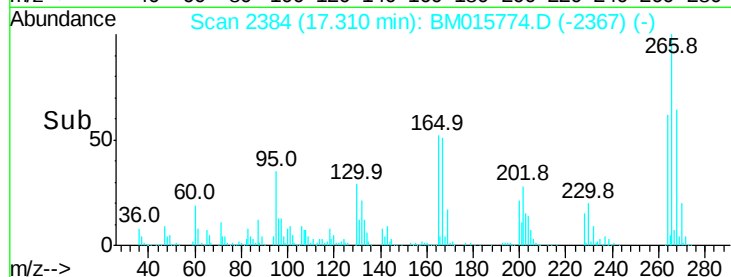
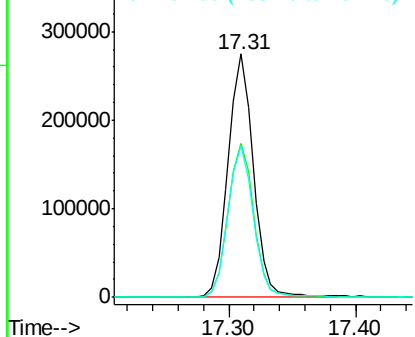
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 381377 |       |       |
| 268     | 63.5  | 52.0   | 78.0  |       |
| 264     | 62.5  | 49.0   | 73.4  |       |

Manual Integrations  
 APPROVED

Sohil  
 7/6/2018 5:21:46 PM

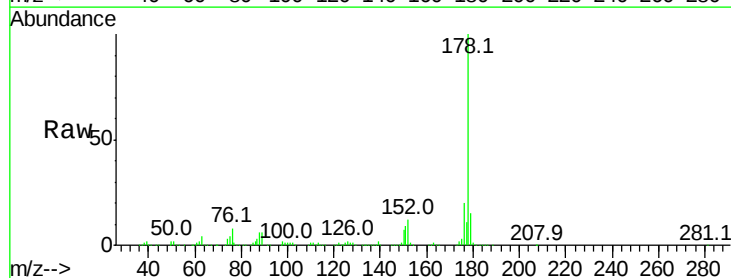


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

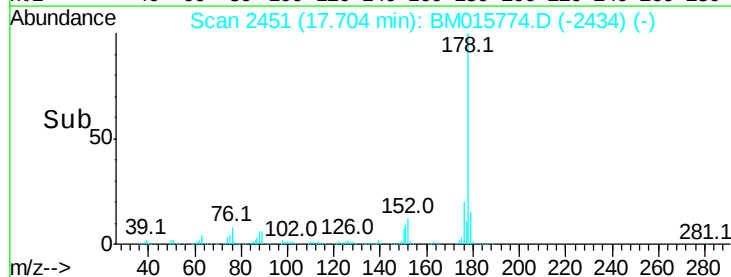
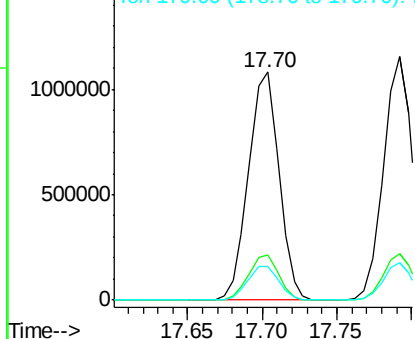


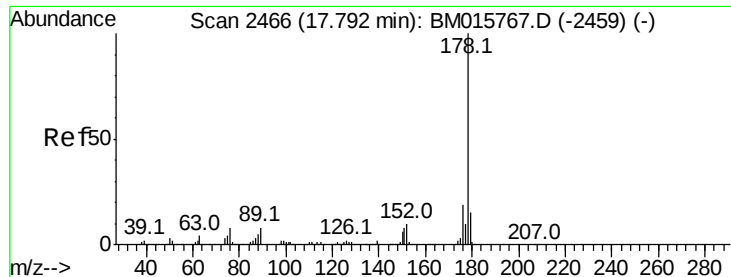
#70  
 Phenanthrene  
 Concen: 40.730 ng  
 RT: 17.70 min Scan# 2451  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1530315 |       |       |
| 176     | 19.8  | 15.2    | 22.8  |       |
| 179     | 15.0  | 12.1    | 18.1  |       |



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





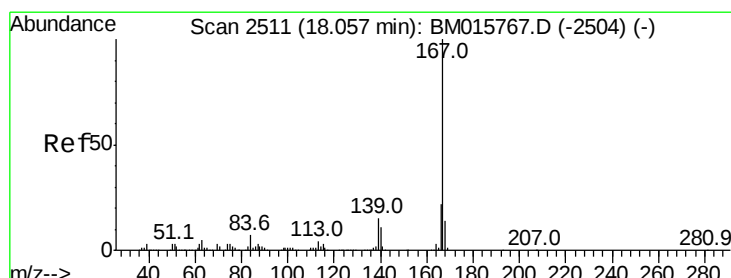
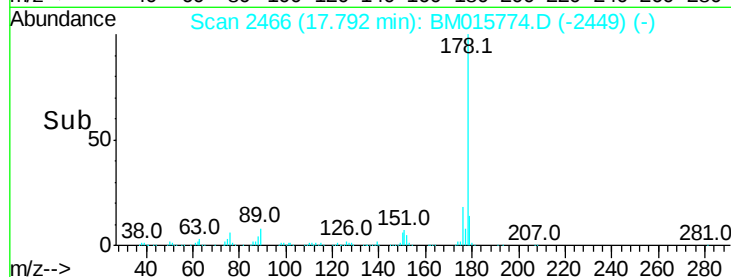
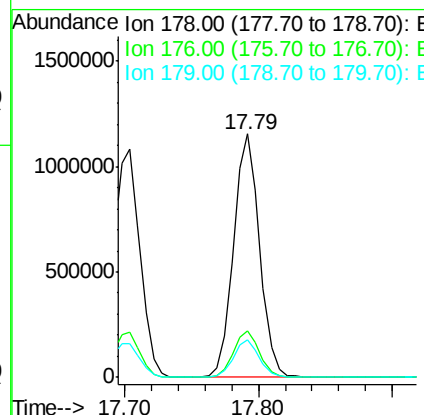
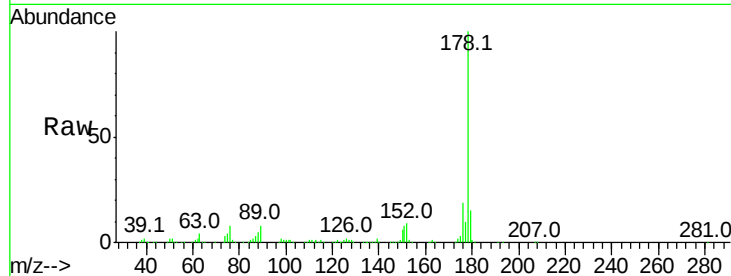
#71  
 Anthracene  
 Concen: 42.483 ng  
 RT: 17.79 min Scan# 2466  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 14.6  | 22.0  |
| 179     | 15.2  | 12.6  | 19.0  |

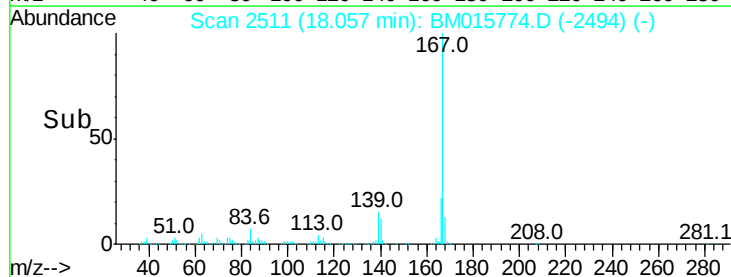
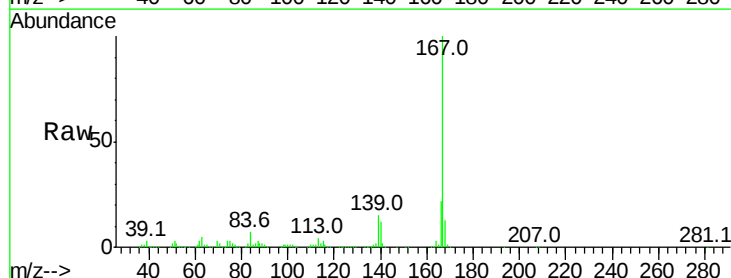
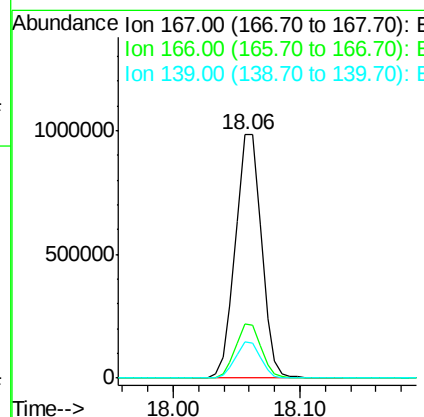
Manual Integrations  
 APPROVED

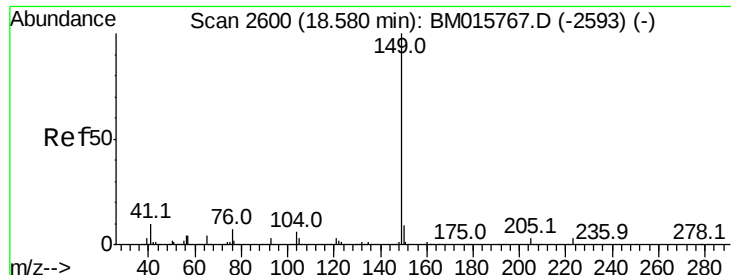
Sohil  
 7/6/2018 5:21:46 PM



#72  
 Carbazole  
 Concen: 40.663 ng  
 RT: 18.06 min Scan# 2511  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.2  | 25.8  |
| 139     | 14.7  | 10.8  | 16.2  |





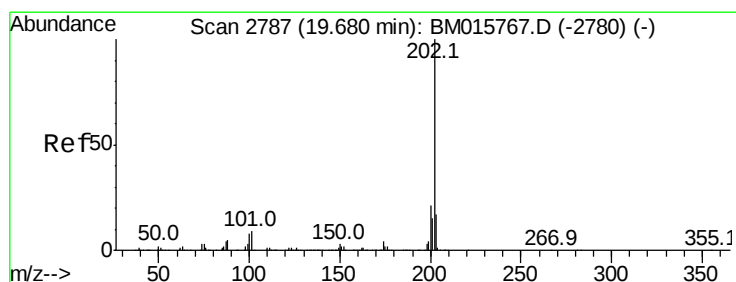
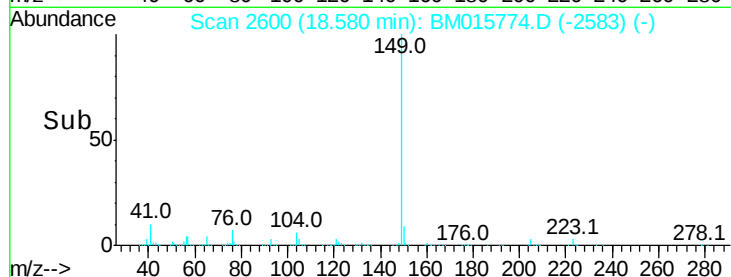
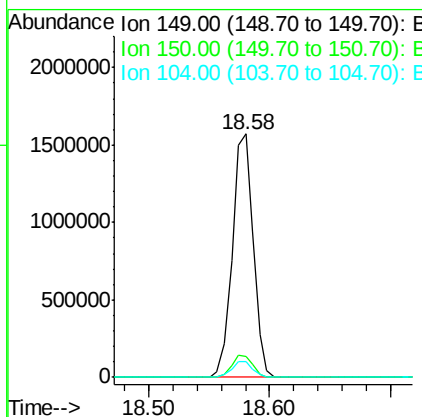
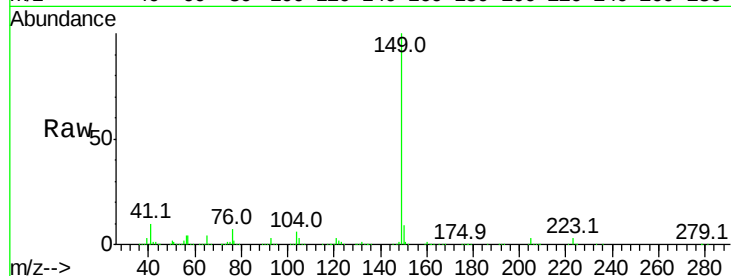
#73  
Di-n-butylphthalate  
Concen: 40.796 ng  
RT: 18.58 min Scan# 2600  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.8   | 7.5   | 11.3  |
| 104     | 6.4   | 3.7   | 5.5   |

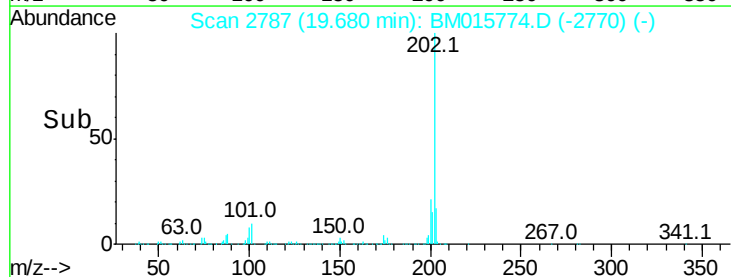
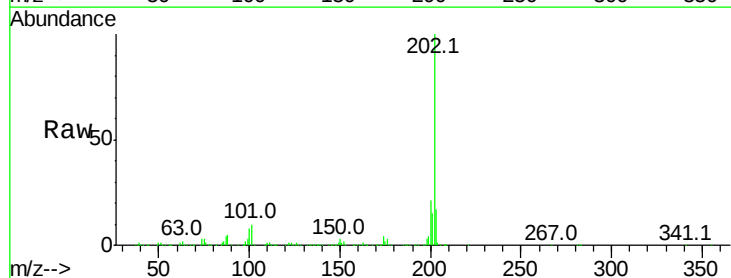
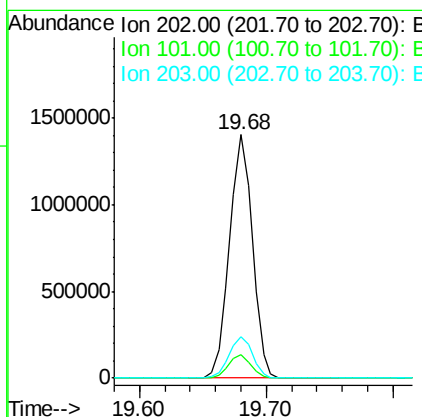
Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM



#74  
Fluoranthene  
Concen: 40.538 ng  
RT: 19.68 min Scan# 2787  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.7   | 0.0   | 28.7  |
| 203     | 17.1  | 0.0   | 37.2  |





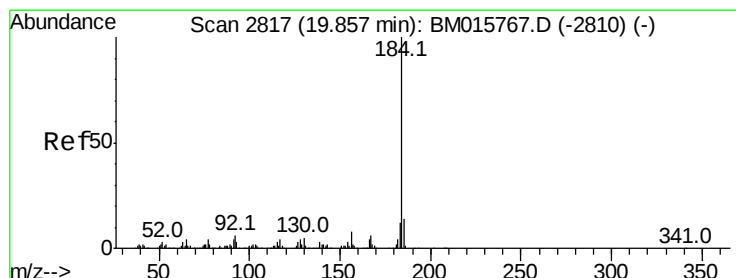
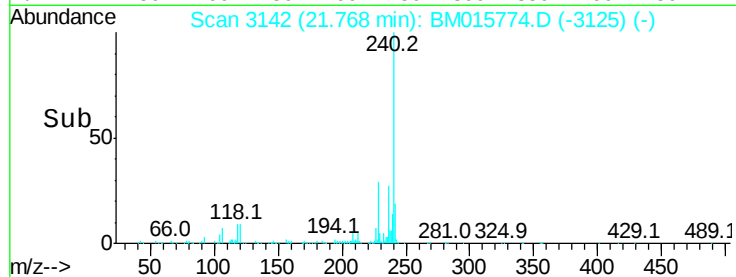
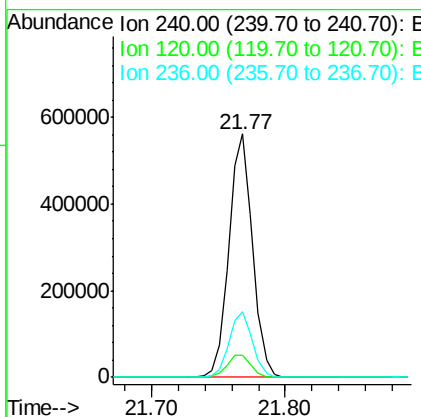
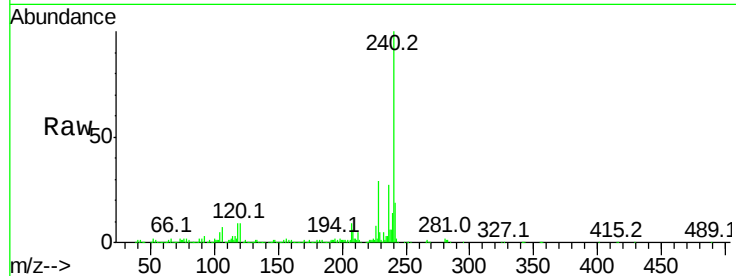
#75  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.77 min Scan# 3142  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 693314 |       |       |
| 120     | 9.3   |        | 8.2   | 12.2  |
| 236     | 27.1  |        | 20.0  | 30.0  |

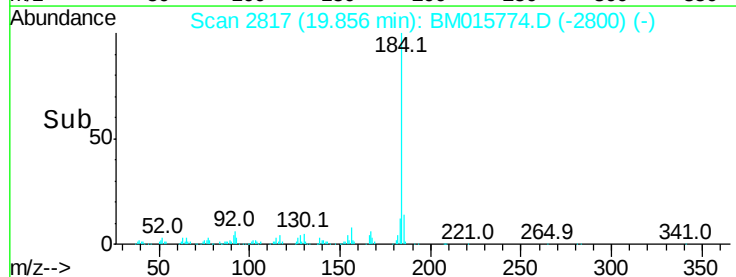
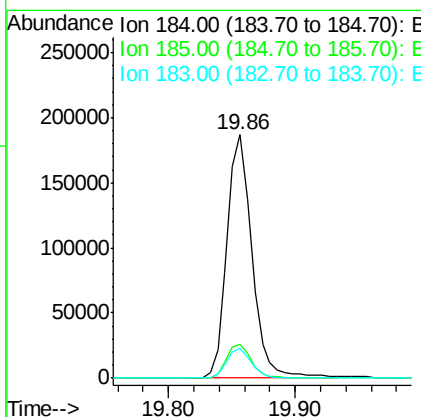
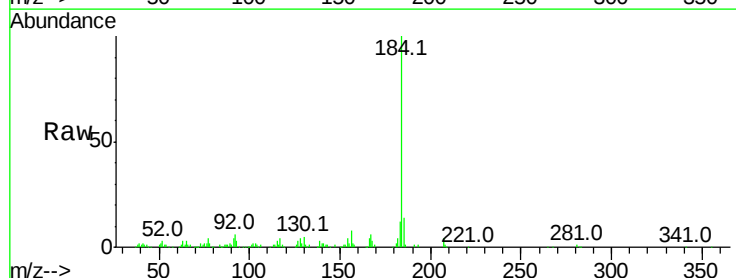
Manual Integrations  
 APPROVED

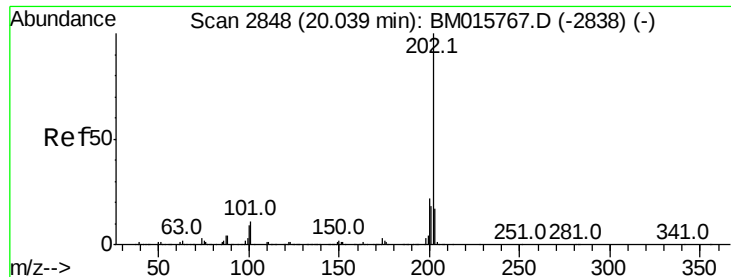
Sohil  
 7/6/2018 5:21:46 PM



#76  
 Benzidine  
 Concen: 12.581 ng  
 RT: 19.86 min Scan# 2817  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 255558 |       |       |
| 185     | 14.0  |        | 11.3  | 16.9  |
| 183     | 12.1  |        | 8.9   | 13.3  |





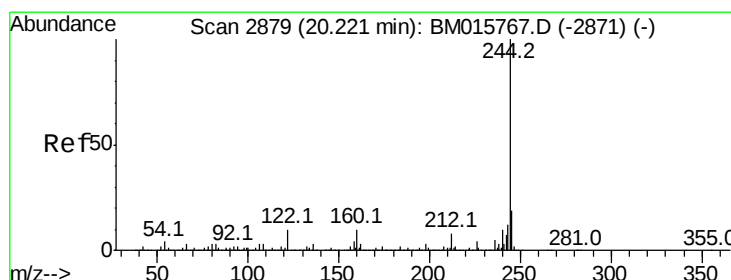
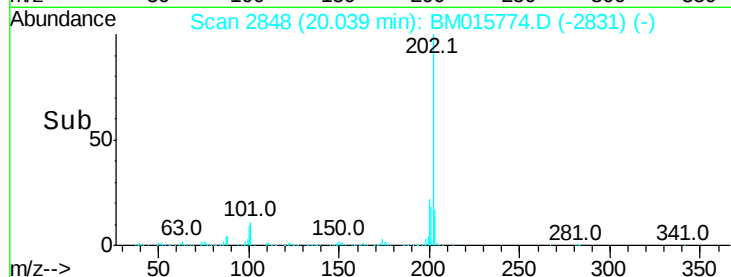
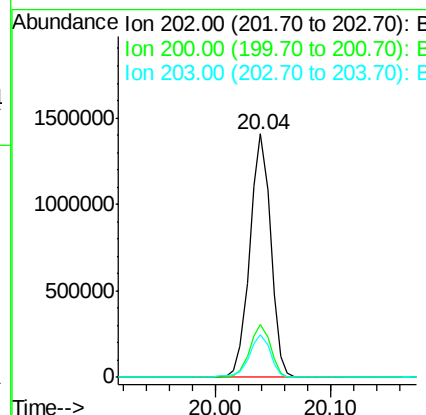
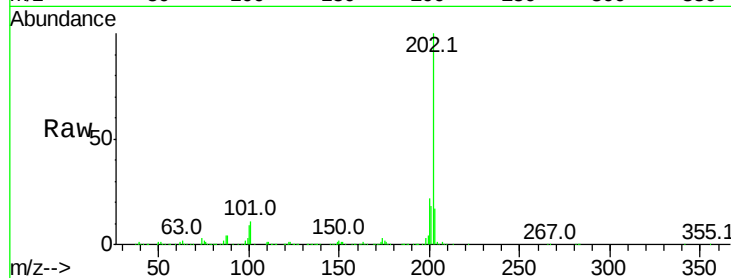
#77  
Pvrene  
Concen: 40.980 ng  
RT: 20.04 min Scan# 2848  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.9  | 16.9  | 25.3  |
| 203     | 17.5  | 14.1  | 21.1  |

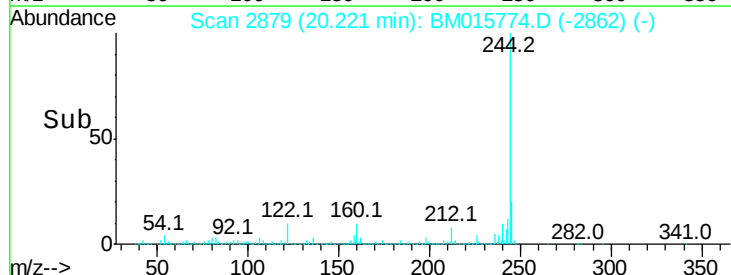
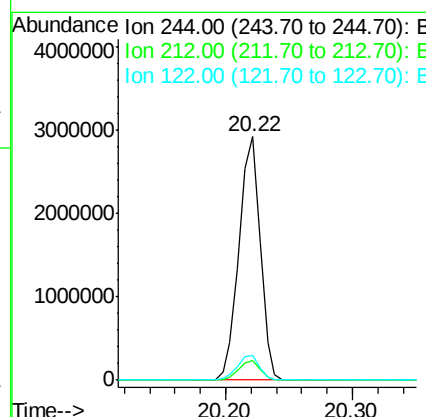
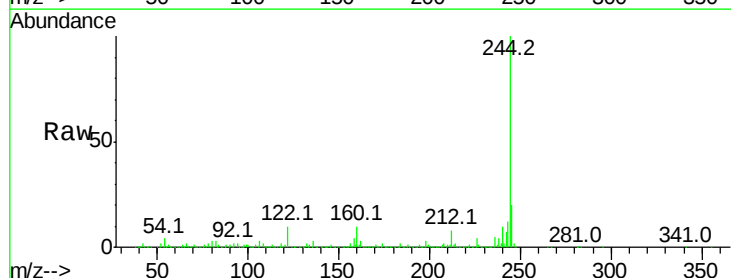
Manual Integrations  
APPROVED

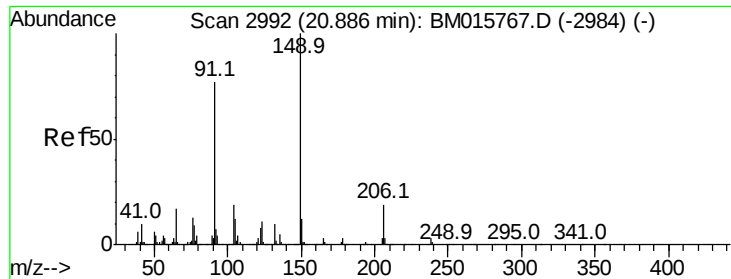
Sohil  
7/6/2018 5:21:46 PM



#78  
Terphenyl-d14  
Concen: 40.980 ng  
RT: 20.22 min Scan# 2879  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 4.9   | 7.3#  |
| 122     | 10.1  | 6.2   | 9.4#  |





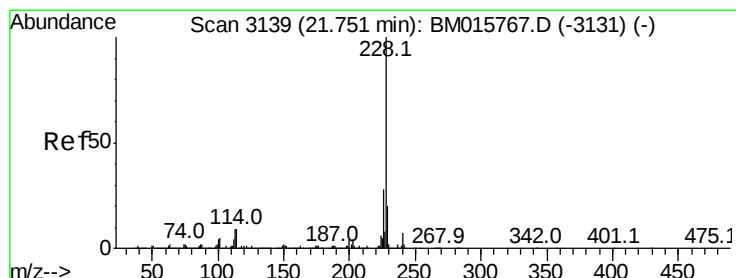
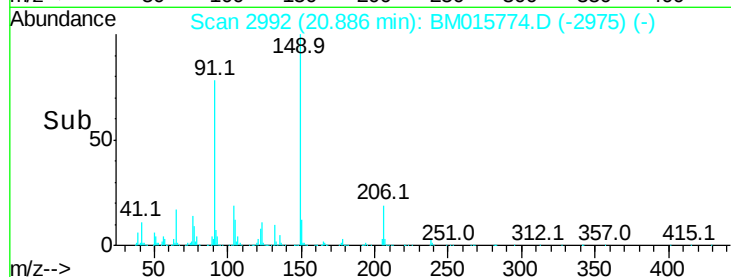
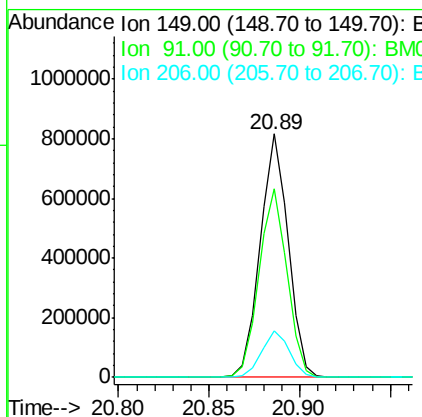
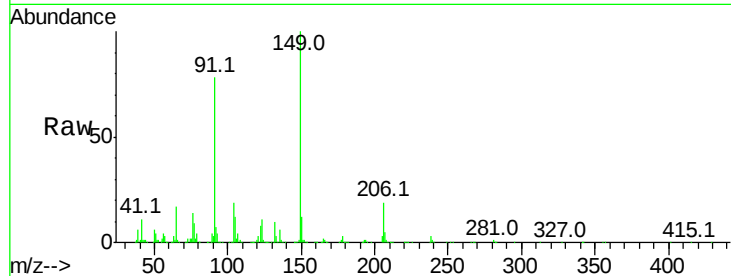
#79  
Butylbenzylphthalate  
Concen: 41.770 ng  
RT: 20.89 min Scan# 2992  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 77.6  | 50.1  | 75.1# |
| 206     | 19.0  | 16.2  | 24.2  |

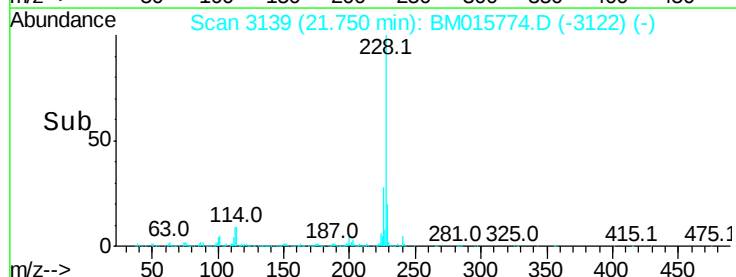
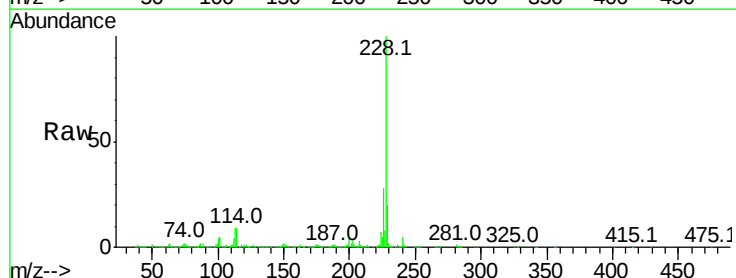
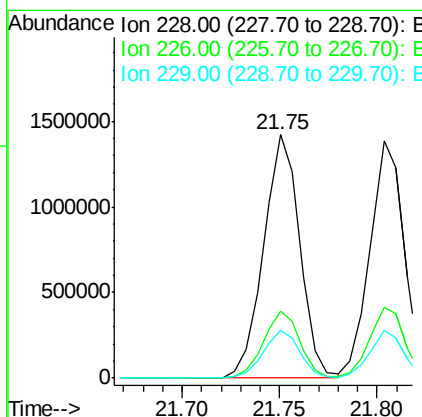
Manual Integrations  
APPROVED

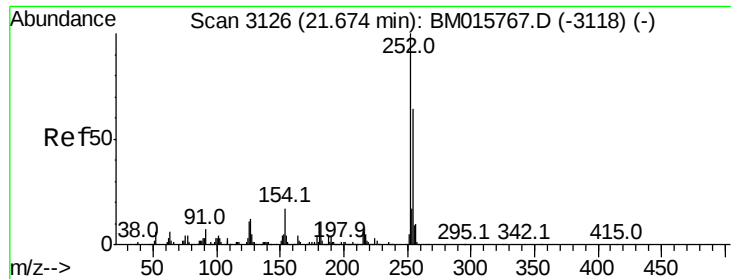
Sohil  
7/6/2018 5:21:46 PM



#80  
Benzo(a)anthracene  
Concen: 41.507 ng  
RT: 21.75 min Scan# 3139  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.6  | 21.7  | 32.5  |
| 229     | 19.7  | 16.0  | 24.0  |





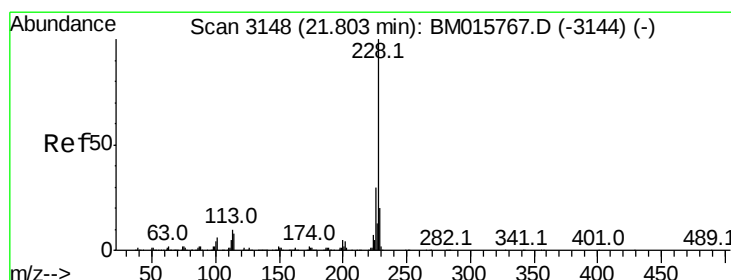
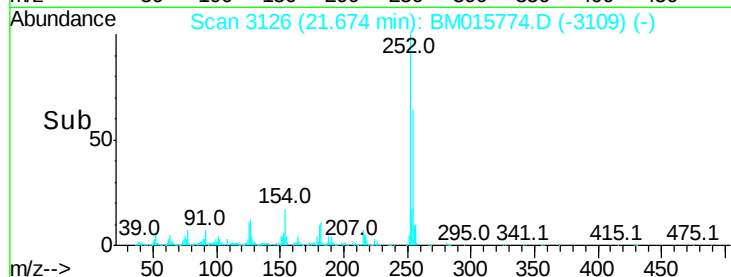
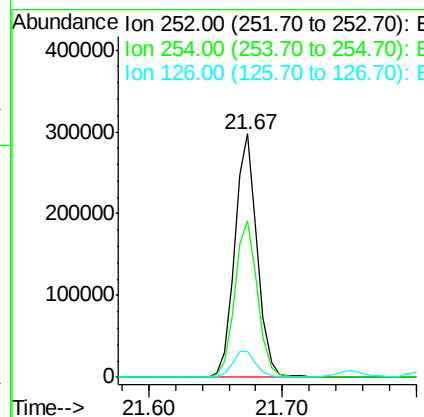
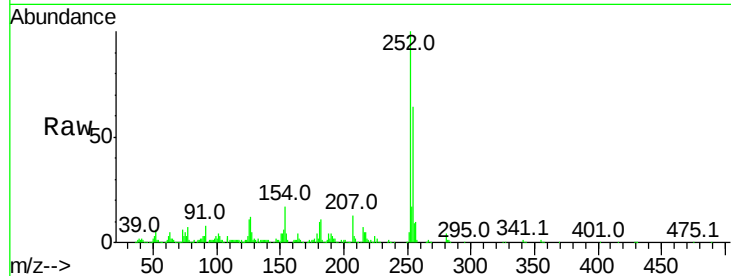
#81  
 3,3'-Dichlorobenzidine  
 Concen: 22.141 ng  
 RT: 21.67 min Scan# 3126  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 349695 |       |       |
| 254     | 64.4  | 51.9   | 77.9  |       |
| 126     | 10.7  | 9.8    | 14.8  |       |

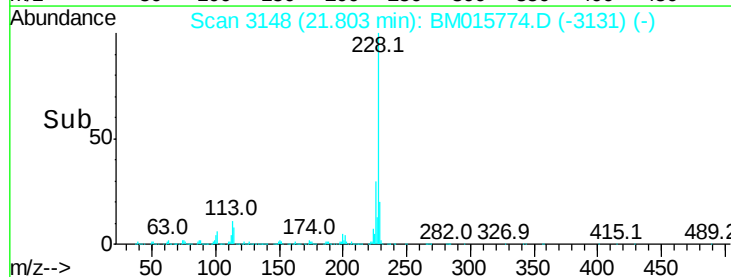
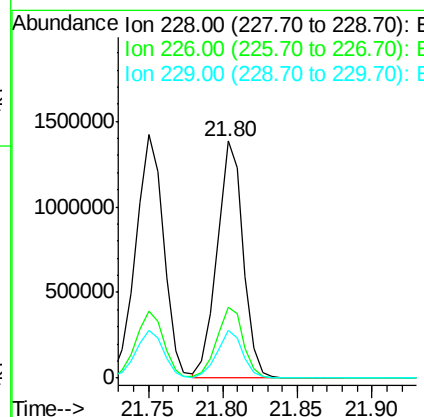
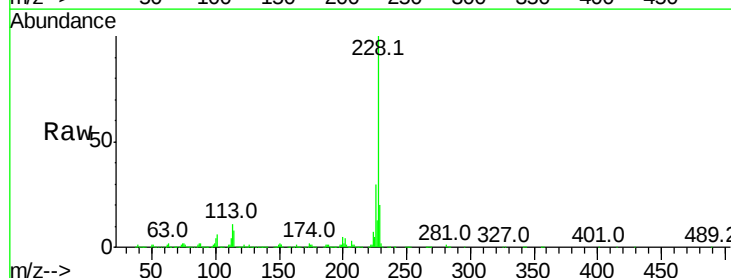
Manual Integrations  
 APPROVED

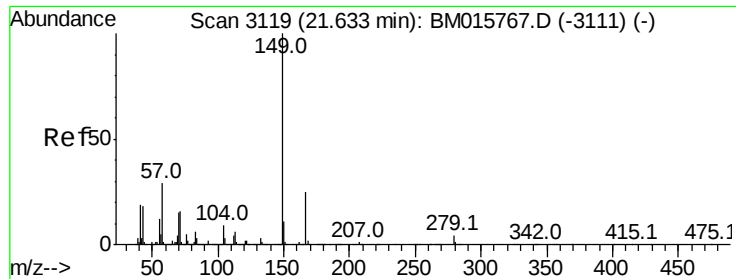
Sohil  
 7/6/2018 5:21:46 PM



#82  
 Chrysene  
 Concen: 41.153 ng  
 RT: 21.80 min Scan# 3148  
 Delta R.T. -0.00 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1685188 |       |       |
| 226     | 29.9  | 24.1    | 36.1  |       |
| 229     | 20.1  | 15.5    | 23.3  |       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.452 ng

RT: 21.63 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

Instrument :

BNA\_M

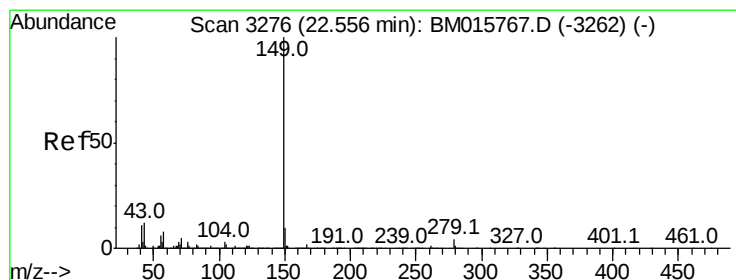
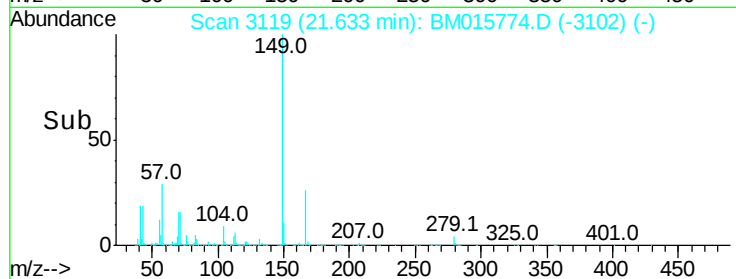
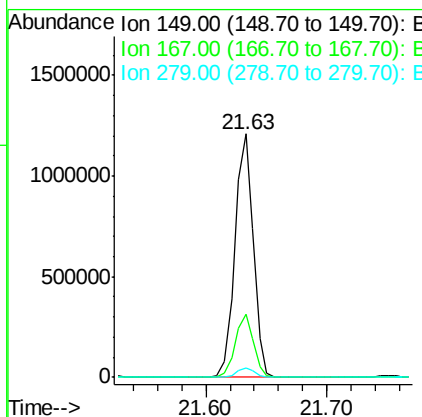
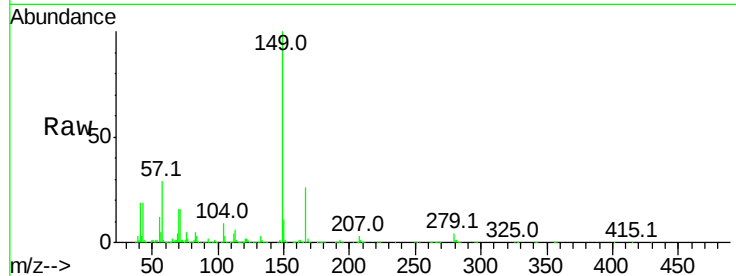
ClientSampleId :

8782-AAMSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 1278631 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 25.8  | 22.4  | 33.6    |
| 279      | 4.1   | 3.4   | 5.0     |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:46 PM



#84

Di-n-octyl phthalate

Concen: 41.746 ng

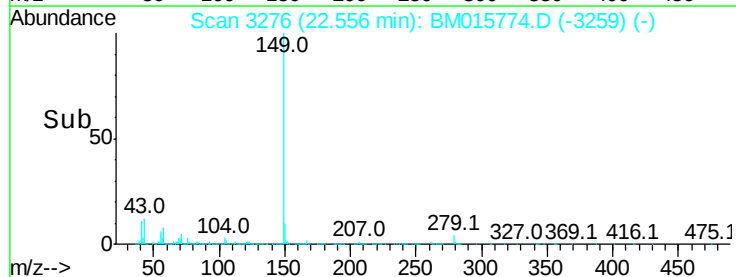
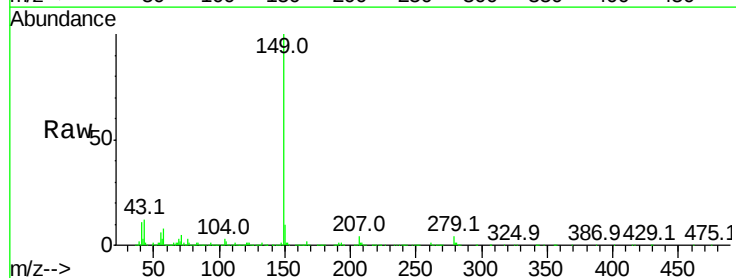
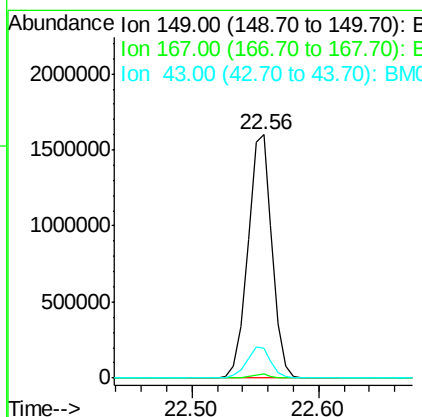
RT: 22.56 min Scan# 3276

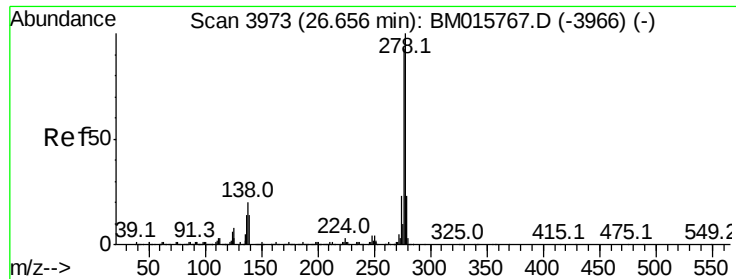
Delta R.T. -0.00 min

Lab File: BM015774.D

Acq: 05 Jul 2018 19:16

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 2099703 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 1.5   | 1.2   | 1.8     |
| 43       | 12.7  | 7.3   | 10.9#   |





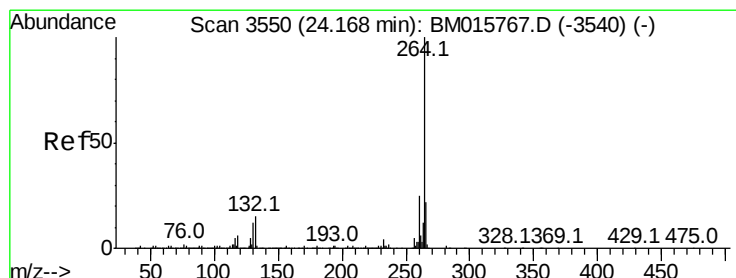
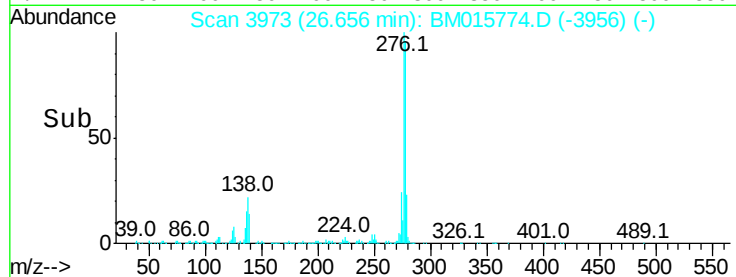
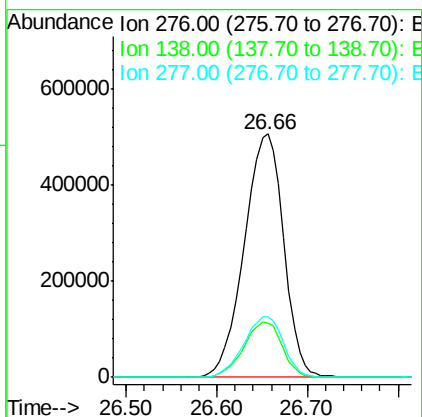
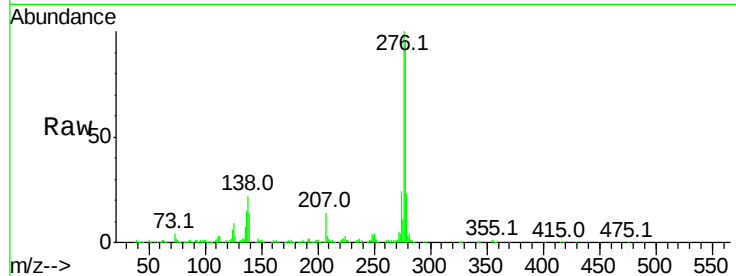
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 40.139 ng  
RT: 26.66 min Scan# 3973  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.3  | 12.0  | 18.0# |
| 277     | 25.3  | 20.0  | 30.0  |

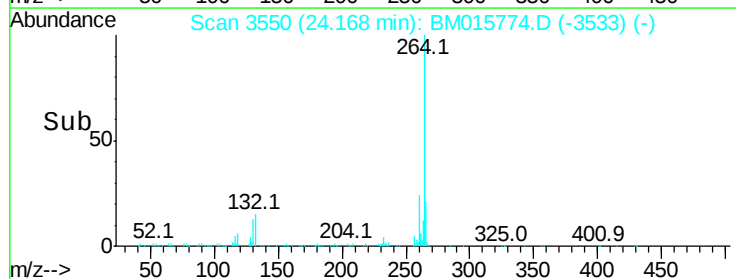
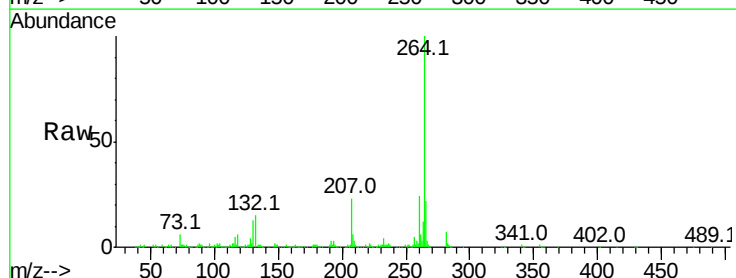
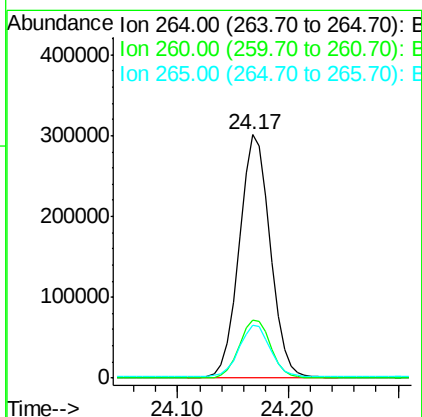
Manual Integrations  
APPROVED

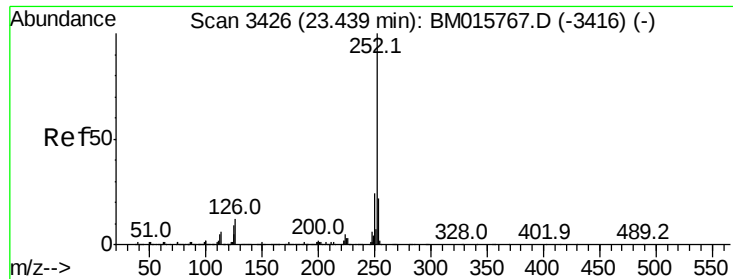
Sohil  
7/6/2018 5:21:46 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.17 min Scan# 3550  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 18.6  | 27.8  |
| 265     | 21.9  | 17.3  | 25.9  |





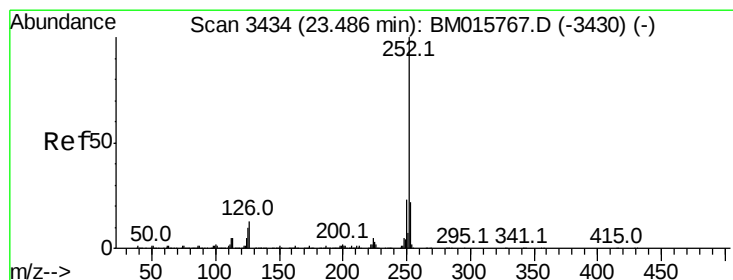
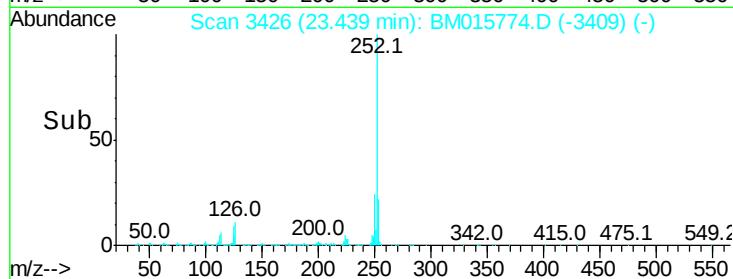
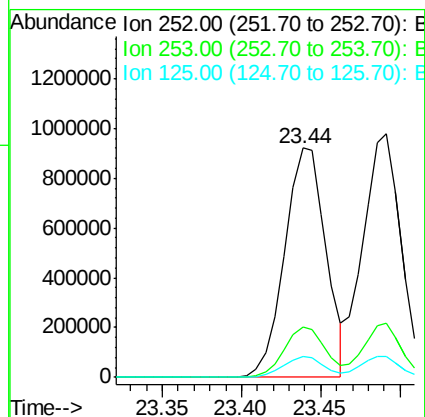
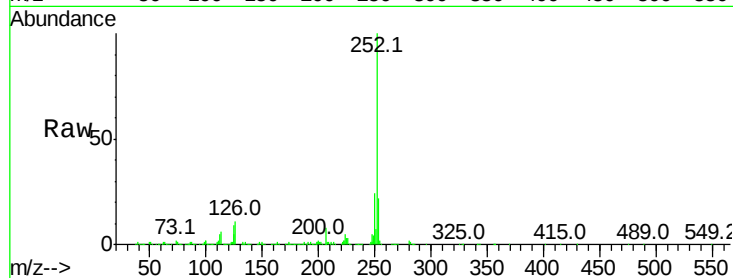
#87  
Benzo(b)fluoranthene  
Concen: 41.772 ng  
RT: 23.44 min Scan# 3426  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 18.0  | 27.0  |
| 125     | 9.0   | 9.9   | 14.9  |

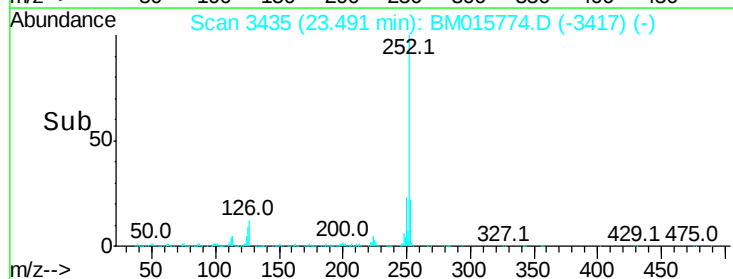
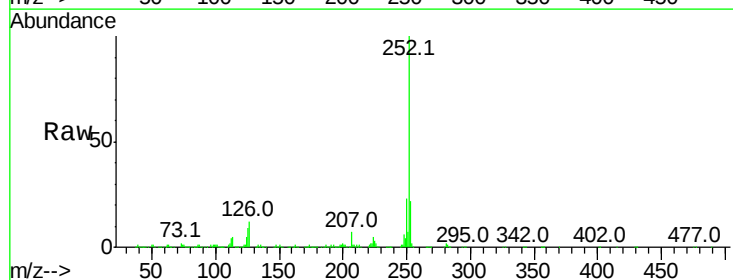
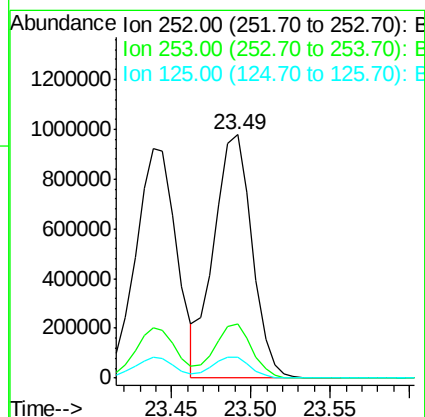
Manual Integrations  
APPROVED

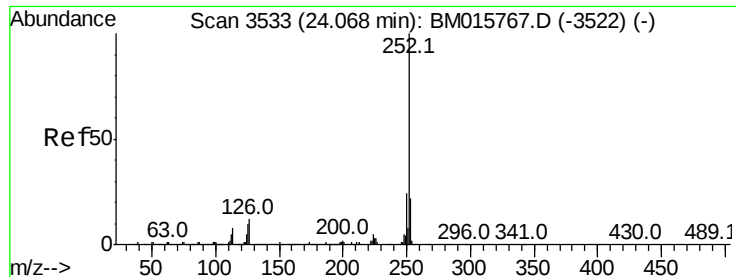
Sohil  
7/6/2018 5:21:46 PM



#88  
Benzo(k)fluoranthene  
Concen: 42.384 ng  
RT: 23.49 min Scan# 3435  
Delta R.T. 0.01 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.2  | 25.8  |
| 125     | 8.6   | 8.1   | 12.1  |





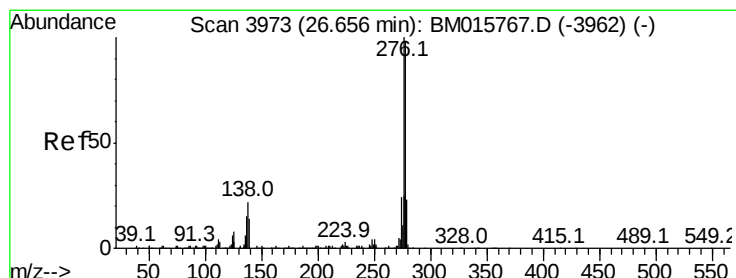
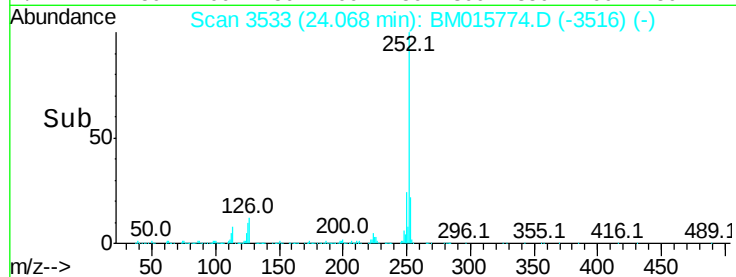
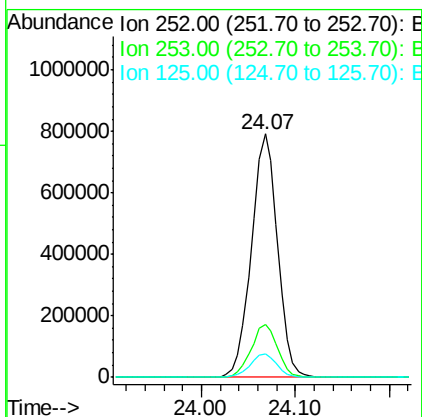
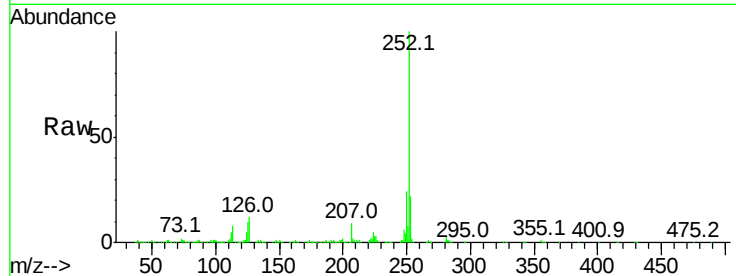
#89  
Benzo(a)pyrene  
Concen: 43.431 ng  
RT: 24.07 min Scan# 3533  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

Instrument :  
BNA\_M  
ClientSampleId :  
8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.6  | 26.4  |
| 125     | 9.7   | 7.4   | 11.2  |

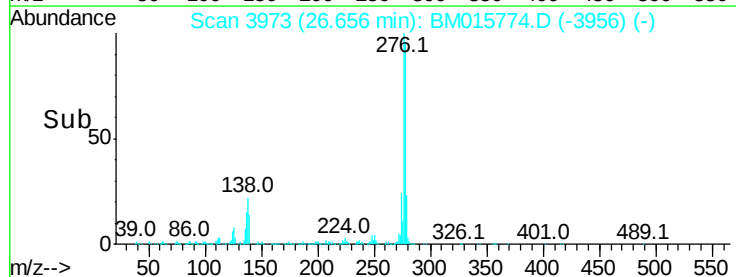
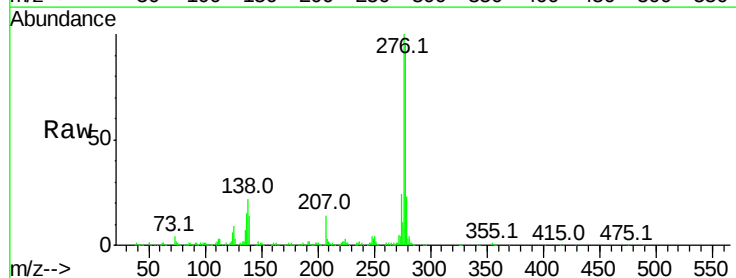
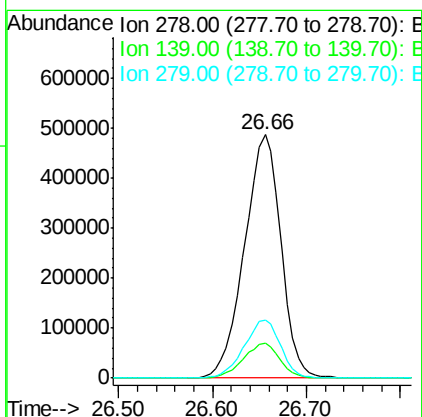
Manual Integrations  
APPROVED

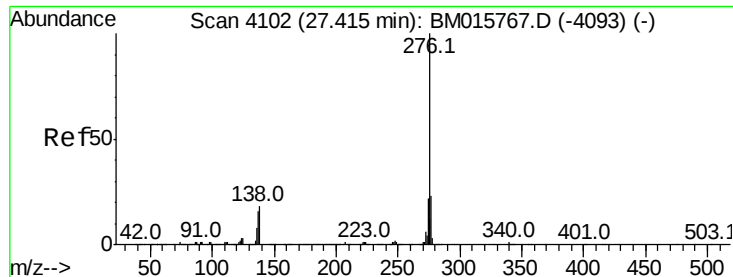
Sohil  
7/6/2018 5:21:46 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 41.560 ng  
RT: 26.66 min Scan# 3973  
Delta R.T. -0.00 min  
Lab File: BM015774.D  
Acq: 05 Jul 2018 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.4  | 13.4  | 20.0  |
| 279     | 23.6  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 42.150 ng  
 RT: 27.42 min Scan# 4103  
 Delta R.T. 0.01 min  
 Lab File: BM015774.D  
 Acq: 05 Jul 2018 19:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 8782-AAMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.1  | 18.5  | 27.7  |
| 138     | 18.1  | 19.0  | 28.6  |

Manual Integrations  
 APPROVED

Sohil  
 7/6/2018 5:21:46 PM

