

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\  
 Data File : BF110361.D  
 Acq On : 1 Nov 2018 11:37  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 11/2/2018 2:48:43 PM

Quant Time: Nov 01 16:10:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 01 16:06:12 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.96  | 152  | 79052    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.24  | 136  | 335628   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 10.00 | 164  | 158578   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.49 | 188  | 297876   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.14 | 240  | 214682   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.66 | 264  | 143758   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.57  | 112 | 409300 | 84.31 | ng | 0.00 |
| 7) Phenol-d6             | 6.58  | 99  | 505926 | 81.48 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.52  | 82  | 470276 | 83.11 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.79 | 330 | 130118 | 82.83 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.32  | 172 | 883251 | 87.46 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.07 | 244 | 917248 | 88.86 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.80 | 88  | 101969 | 40.092 | ng | 91     |
| 3) Pyridine                    | 3.58 | 79  | 230306 | 40.655 | ng | # 82   |
| 4) n-Nitrosodimethylamine      | 3.55 | 42  | 99895  | 42.090 | ng | # 92   |
| 6) Aniline                     | 6.62 | 93  | 328794 | 40.650 | ng | # 54   |
| 8) 2-Chlorophenol              | 6.75 | 128 | 232106 | 41.472 | ng | 98     |
| 9) Benzaldehyde                | 6.51 | 77  | 142405 | 39.291 | ng | 97     |
| 10) Phenol                     | 6.60 | 94  | 276310 | 41.631 | ng | # 63   |
| 11) bis(2-Chloroethyl)ether    | 6.69 | 93  | 215851 | 39.529 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146 | 256348 | 41.621 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.97 | 146 | 257839 | 41.392 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.13 | 146 | 241483 | 41.760 | ng | 99     |
| 15) Benzyl Alcohol             | 7.10 | 79  | 204182 | 42.755 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45  | 348764 | 39.947 | ng | 69     |
| 17) 2-Methylphenol             | 7.20 | 107 | 180713 | 40.515 | ng | # 81   |
| 18) Hexachloroethane           | 7.47 | 117 | 95318  | 41.795 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70  | 161845 | 40.629 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.36 | 107 | 240225 | 41.666 | ng | 99     |
| 22) Acetophenone               | 7.37 | 105 | 317425 | 41.045 | ng | 99     |
| 24) Nitrobenzene               | 7.55 | 77  | 244125 | 41.788 | ng | 93     |
| 25) Isophorone                 | 7.77 | 82  | 385450 | 39.961 | ng | 97     |
| 26) 2-Nitrophenol              | 7.86 | 139 | 124860 | 44.913 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.89 | 122 | 186108 | 40.378 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93  | 262213 | 40.016 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.10 | 162 | 192568 | 41.354 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.18 | 180 | 217808 | 41.758 | ng | 95     |
| 31) Naphthalene                | 8.26 | 128 | 633565 | 40.958 | ng | 100    |
| 32) Benzoic acid               | 8.01 | 122 | 119842 | 33.641 | ng | 96     |
| 33) 4-Chloroaniline            | 8.31 | 127 | 279785 | 40.189 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.37 | 225 | 123875 | 42.773 | ng | 99     |
| 35) Caprolactam                | 8.69 | 113 | 64121  | 39.507 | ng | 91     |
| 36) 4-Chloro-3-methylphenol    | 8.79 | 107 | 207165 | 41.141 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.95 | 142 | 416605 | 40.706 | ng | 99     |
| 38) 1-Methylnaphthalene        | 9.06 | 142 | 401884 | 40.634 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 206973 | 41.889 | ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\  
 Data File : BF110361.D  
 Acq On : 1 Nov 2018 11:37  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

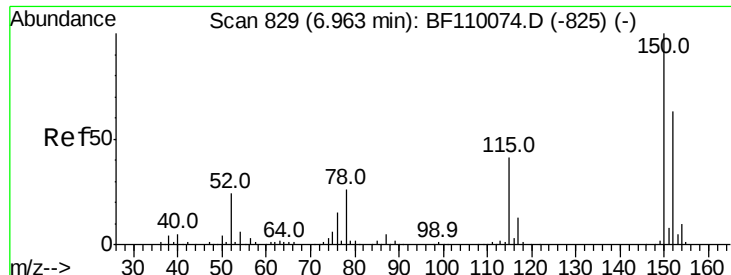
Sohil  
 11/2/2018 2:48:43 PM

Quant Time: Nov 01 16:10:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 01 16:06:12 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.10  | 237  | 109572   | 43.369 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.23  | 196  | 131850   | 41.373 | nq    | 95       |
| 44) 2,4,5-Trichlorophenol      | 9.27  | 196  | 141077   | 41.880 | nq    | 94       |
| 46) 1,1'-Biphenyl              | 9.42  | 154  | 593405   | 41.381 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 9.45  | 162  | 429797   | 40.859 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.55  | 65   | 133020   | 41.731 | nq    | 92       |
| 49) Acenaphthylene             | 9.86  | 152  | 620184   | 40.820 | nq    | 99       |
| 50) Dimethylphthalate          | 9.72  | 163  | 482383   | 41.209 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.78  | 165  | 106487   | 42.232 | nq    | 95       |
| 52) Acenaphthene               | 10.03 | 154  | 389198   | 38.723 | nq    | 97       |
| 53) 3-Nitroaniline             | 9.96  | 138  | 123255   | 41.105 | nq    | 90       |
| 54) 2,4-Dinitrophenol          | 10.06 | 184  | 37050    | 39.803 | nq    | 89       |
| 55) Dibenzofuran               | 10.20 | 168  | 578488   | 41.109 | nq    | 99       |
| 56) 4-Nitrophenol              | 10.11 | 139  | 84943    | 38.275 | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.19 | 165  | 141647   | 44.227 | nq    | # 85     |
| 58) Fluorene                   | 10.55 | 166  | 433777   | 41.418 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.32 | 232  | 109774m  | 39.980 | nq    |          |
| 60) Diethylphthalate           | 10.41 | 149  | 475064   | 41.575 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.54 | 204  | 230305   | 41.685 | nq    | 95       |
| 62) 4-Nitroaniline             | 10.57 | 138  | 121331   | 40.683 | nq    | 92       |
| 63) Azobenzene                 | 10.70 | 77   | 462704   | 40.794 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.60 | 198  | 59045    | 43.386 | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.66 | 169  | 407221   | 41.679 | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 11.03 | 248  | 134940   | 41.763 | nq    | # 90     |
| 68) Hexachlorobenzene          | 11.10 | 284  | 142730   | 41.633 | nq    | # 89     |
| 69) Atrazine                   | 11.18 | 200  | 127125   | 41.172 | nq    | 99       |
| 70) Pentachlorophenol          | 11.29 | 266  | 74234    | 37.134 | nq    | 95       |
| 71) Phenanthrene               | 11.52 | 178  | 636426   | 40.832 | nq    | 100      |
| 72) Anthracene                 | 11.57 | 178  | 647637   | 41.455 | nq    | 99       |
| 73) Carbazole                  | 11.72 | 167  | 623856   | 40.898 | nq    | 99       |
| 74) Di-n-butylphthalate        | 12.03 | 149  | 740001   | 42.954 | nq    | 99       |
| 75) Fluoranthene               | 12.71 | 202  | 648956   | 41.026 | nq    | 99       |
| 77) Benzidine                  | 12.83 | 184  | 313696m  | Below  | Cal   |          |
| 78) Pyrene                     | 12.94 | 202  | 660968   | 42.946 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.54 | 149  | 292461   | 43.780 | nq    | 97       |
| 81) Benzo(a)anthracene         | 14.13 | 228  | 524315   | 41.184 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.09 | 252  | 179809   | 40.560 | nq    | 98       |
| 83) Chrysene                   | 14.17 | 228  | 494836   | 40.922 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.09 | 149  | 365600   | 40.486 | nq    | 97       |
| 85) Di-n-octyl phthalate       | 14.70 | 149  | 536378   | 38.199 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.23 | 276  | 328680   | 32.765 | nq    | 97       |
| 88) Benzo(b)fluoranthene       | 15.20 | 252  | 368555   | 44.396 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.24 | 252  | 346166   | 42.416 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.59 | 252  | 320051   | 41.898 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 17.24 | 278  | 273669   | 41.521 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.70 | 276  | 273491   | 42.108 | nq    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

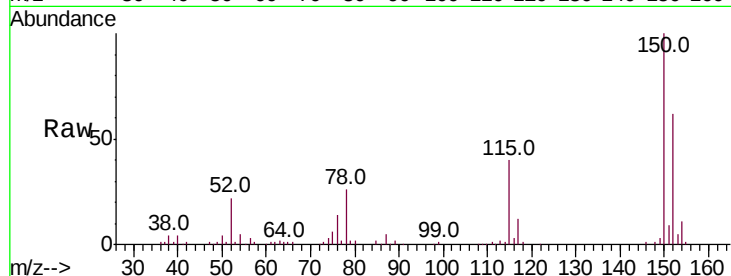
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.2 | 122.7 | 184.1 |
| 115     | 64.5  | 49.1  | 73.7  |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM

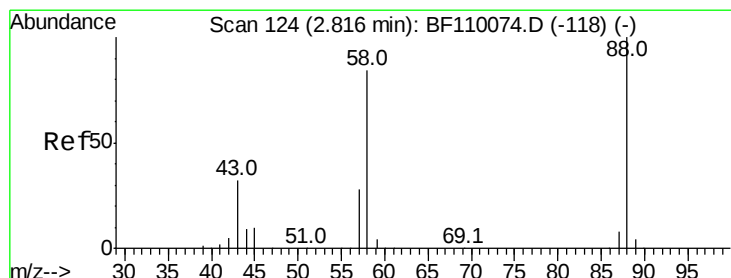
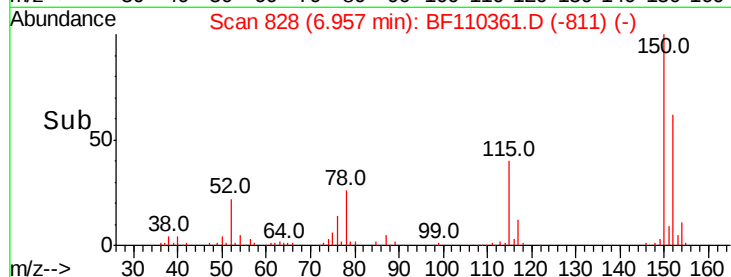
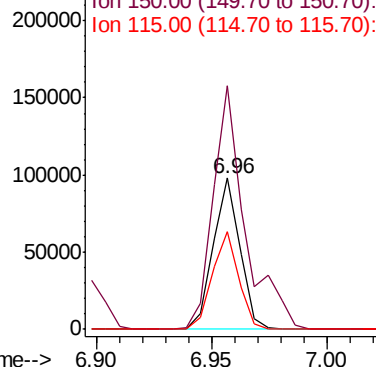


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.092 ng

RT: 2.80 min Scan# 121

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

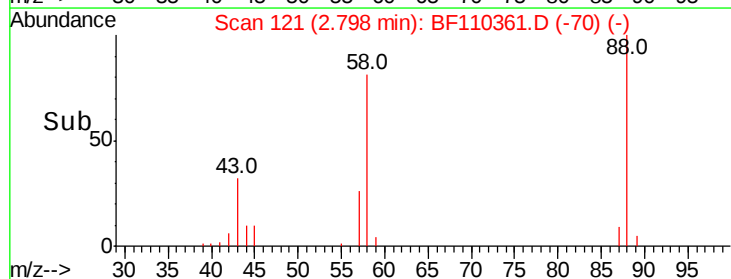
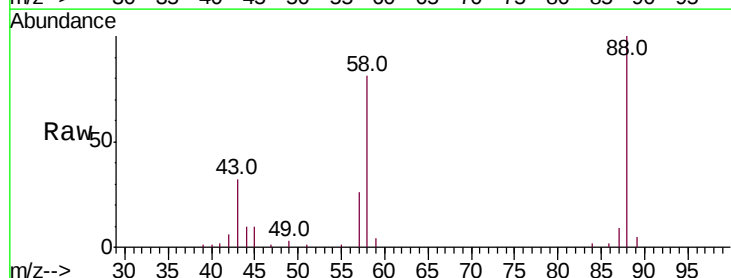
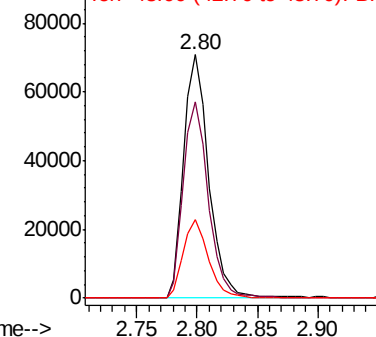
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 80.3  | 57.1  | 85.7  |
| 43      | 31.9  | 24.1  | 36.1  |

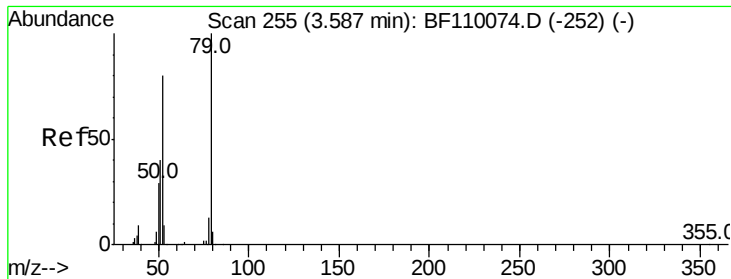
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.655 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

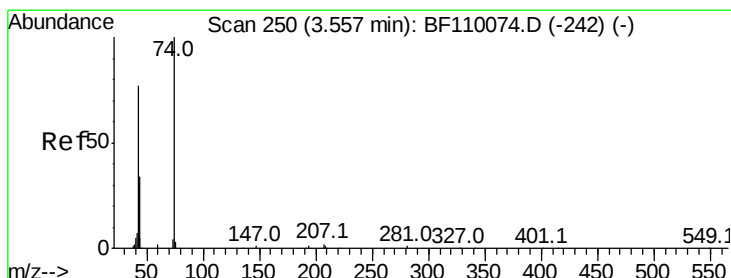
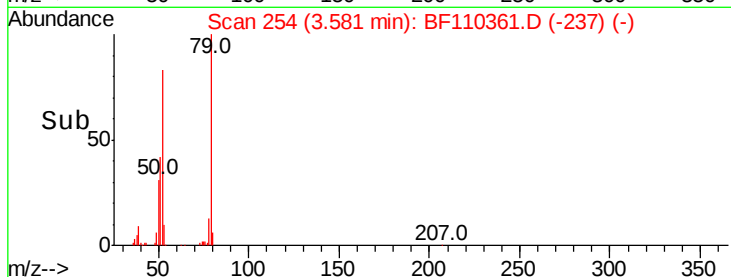
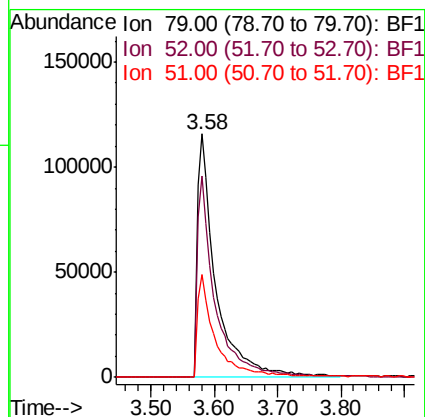
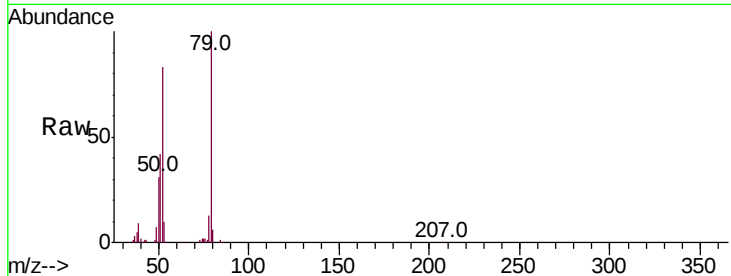
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 82.7  | 53.1  | 79.7# |
| 51      | 42.3  | 27.4  | 41.2# |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM



#4

n-Nitrosodimethylamine

Concen: 42.090 ng

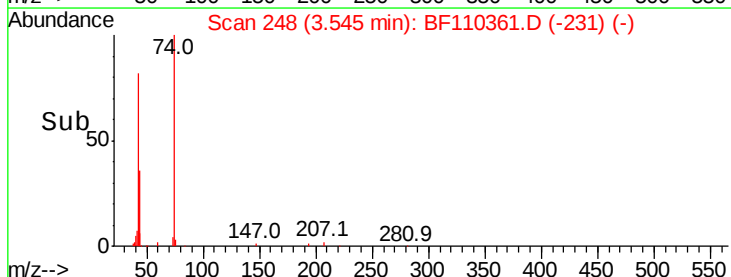
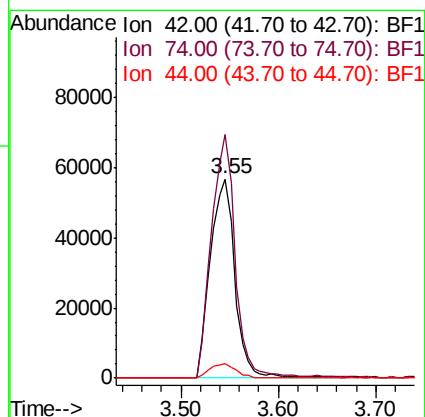
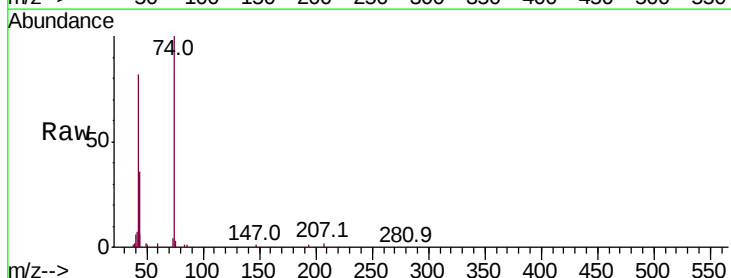
RT: 3.55 min Scan# 248

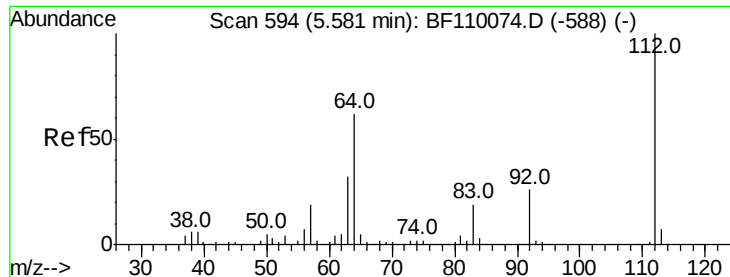
Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 122.2 | 105.5 | 158.3 |
| 44      | 7.4   | 4.9   | 7.3#  |





#5

2-Fluorophenol

Concen: 84.315 ng

RT: 5.57 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

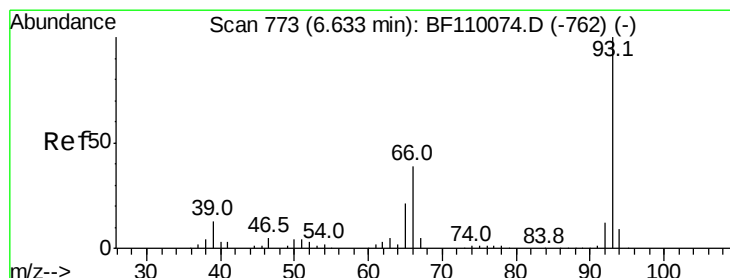
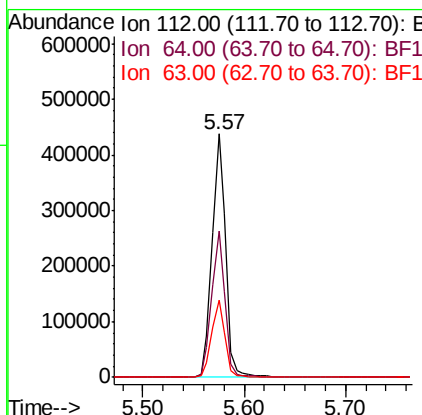
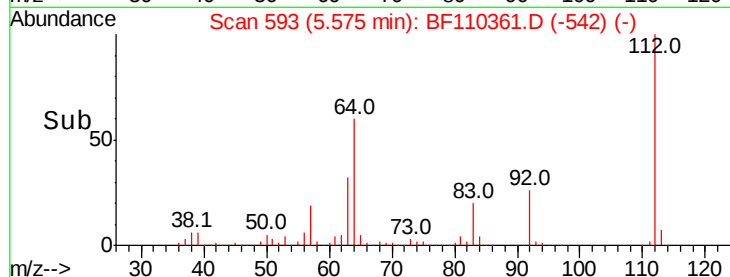
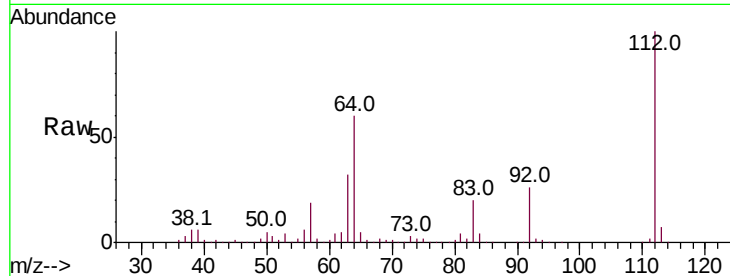
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 409300 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.9  | 44.1  | 66.1   |
| 63        | 31.5  | 23.7  | 35.5   |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM



#6

Aniline

Concen: 40.650 ng

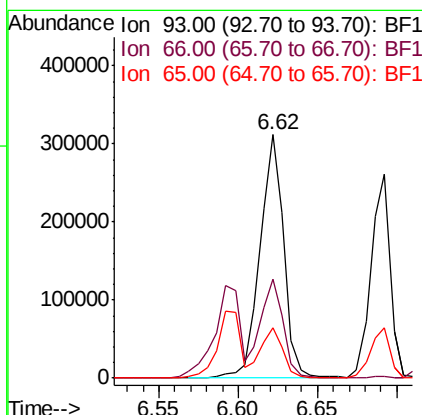
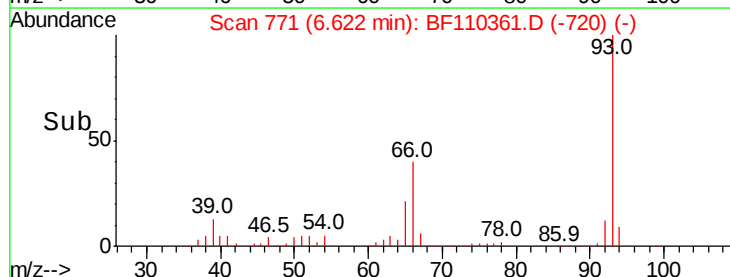
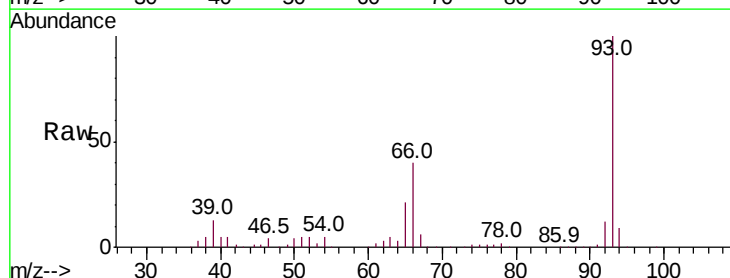
RT: 6.62 min Scan# 771

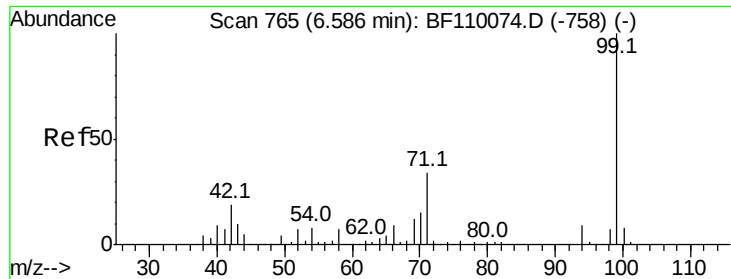
Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 328794 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 40.5  | 67.4  | 101.0# |
| 65        | 20.8  | 41.0  | 61.4#  |





#7

Phenol-d6

Concen: 81.480 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

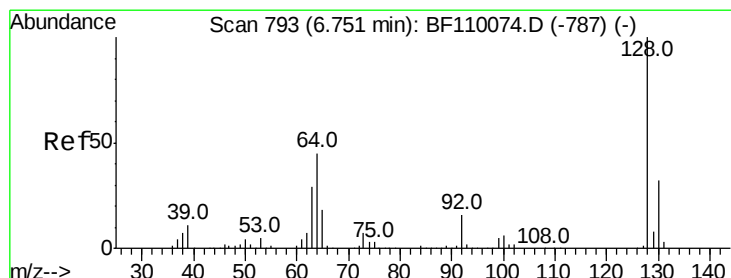
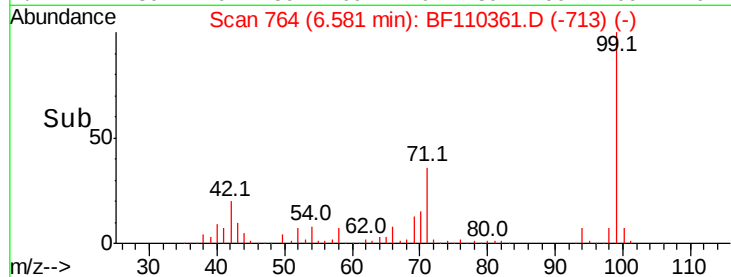
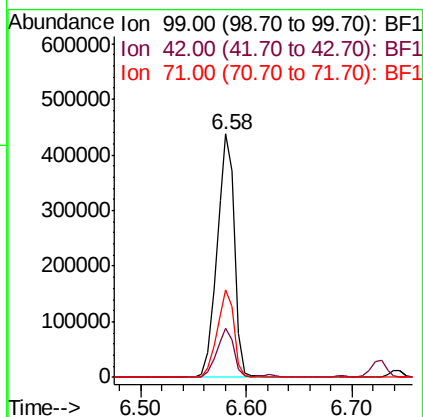
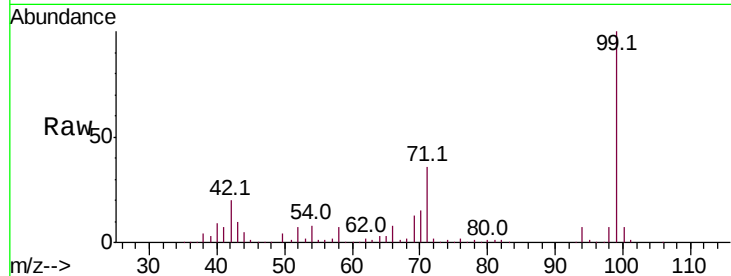
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 505926 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.3  | 15.8  | 23.6   |
| 71        | 35.8  | 28.0  | 42.0   |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM



#8

2-Chlorophenol

Concen: 41.472 ng

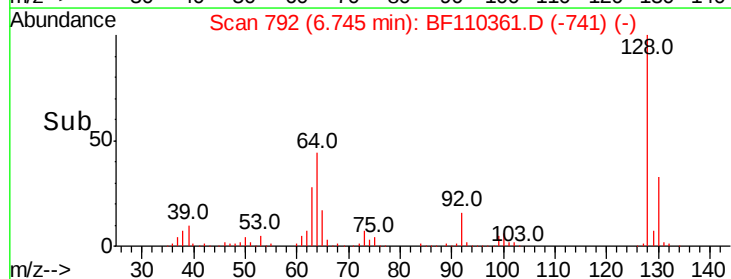
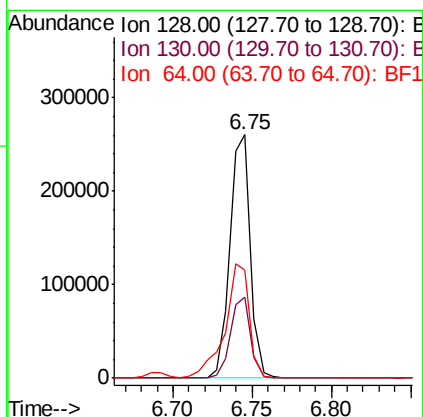
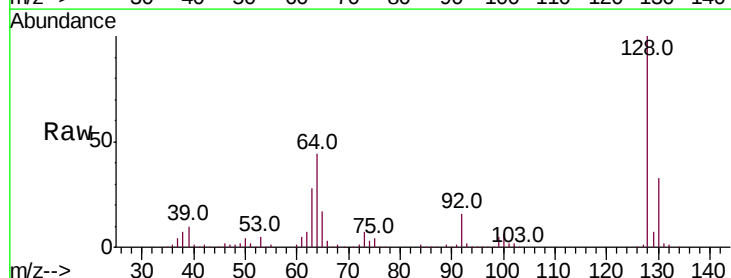
RT: 6.75 min Scan# 792

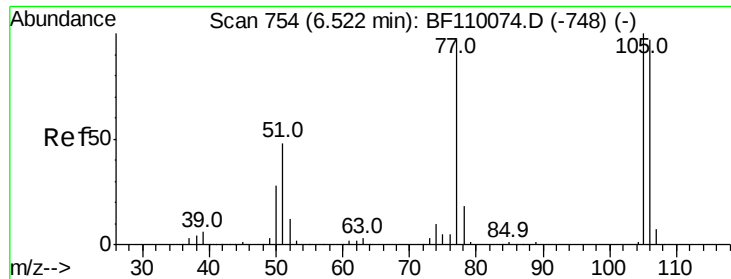
Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 232106 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.5  | 13.1  | 53.1   |
| 64        | 44.1  | 26.0  | 66.0   |





#9

Benzaldehyde

Concen: 39.291 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 142405

Ion Ratio Lower Upper

77 100

105 103.1 78.6 118.6

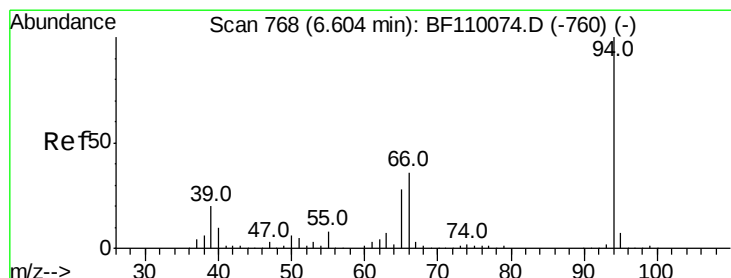
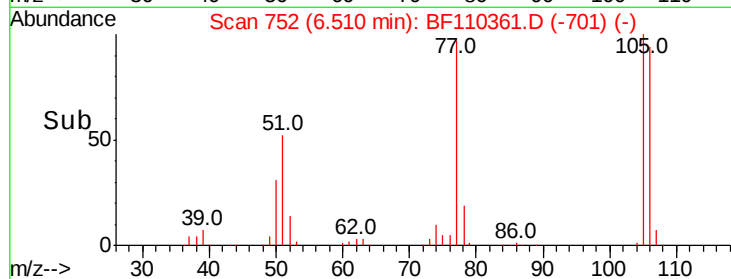
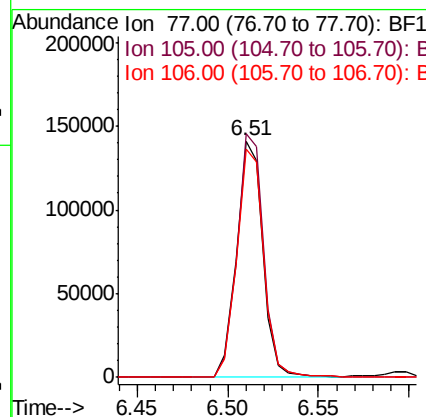
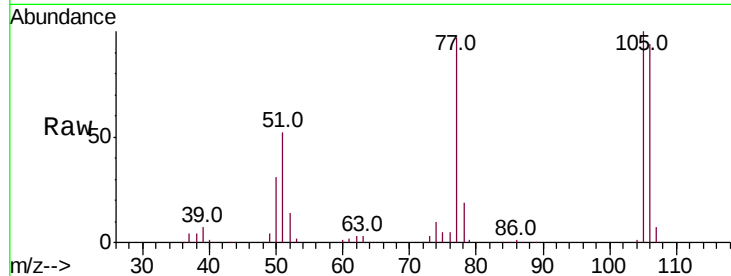
106 96.7 74.8 114.8

Manual Integrations

APPROVED

Sohil

11/2/2018 2:48:43 PM



#10

Phenol

Concen: 41.631 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

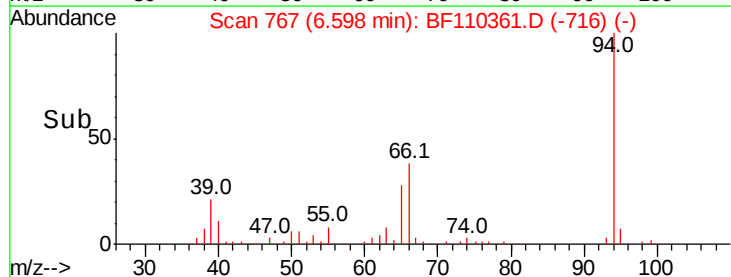
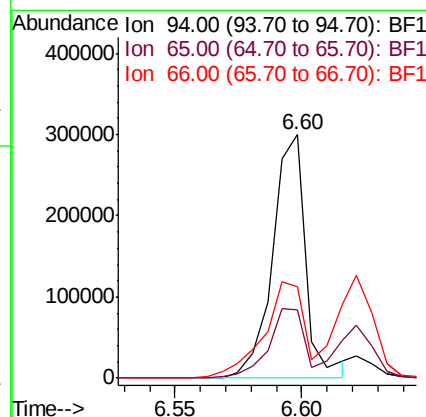
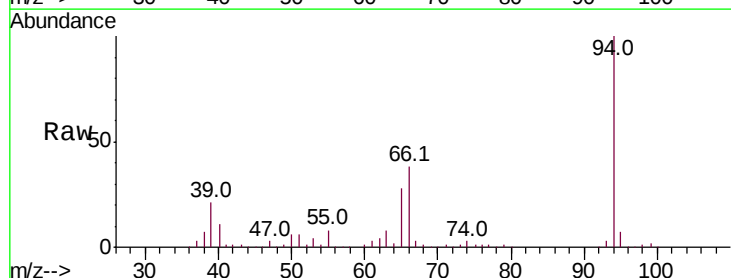
Tgt Ion: 94 Resp: 276310

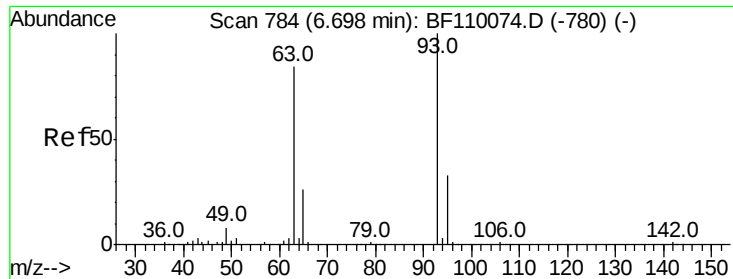
Ion Ratio Lower Upper

94 100

65 28.0 25.3 65.3

66 37.5 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 39.529 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

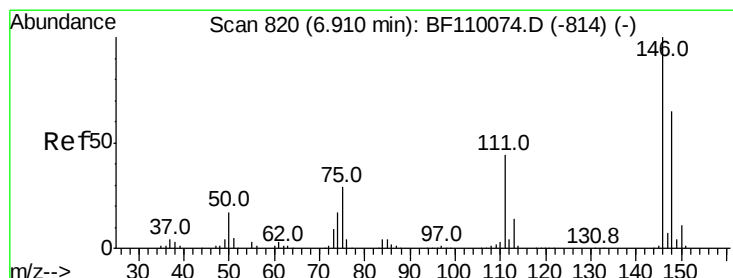
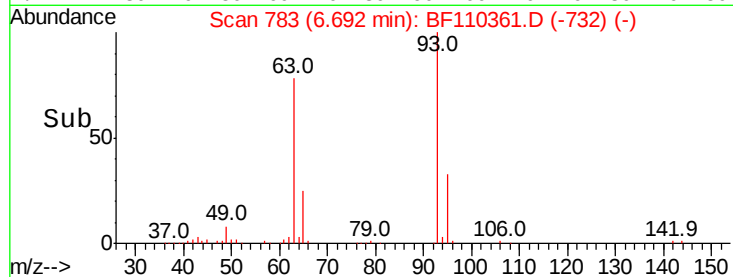
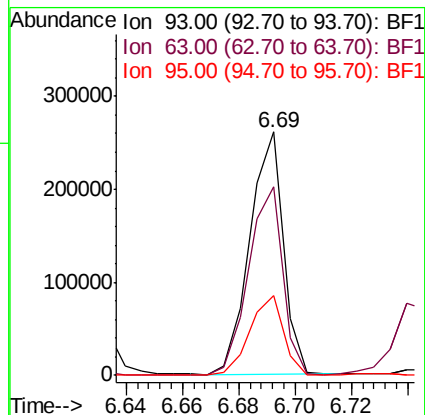
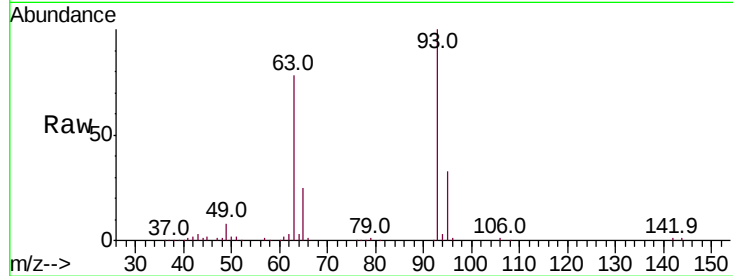
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 215851 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 77.7  | 53.4  | 93.4   |
| 95        | 32.6  | 12.1  | 52.1   |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM



#12

1,3-Dichlorobenzene

Concen: 41.621 ng

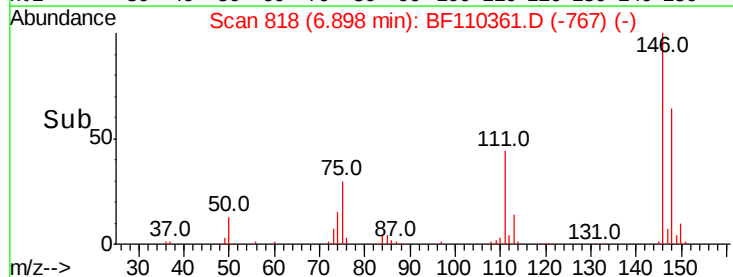
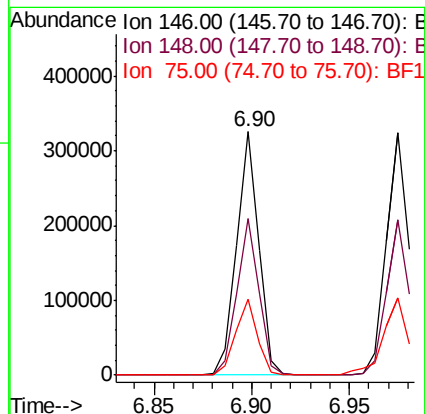
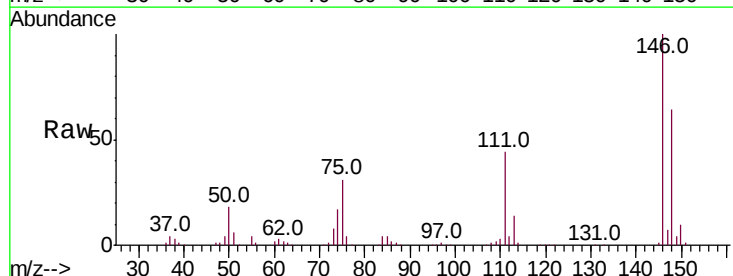
RT: 6.90 min Scan# 818

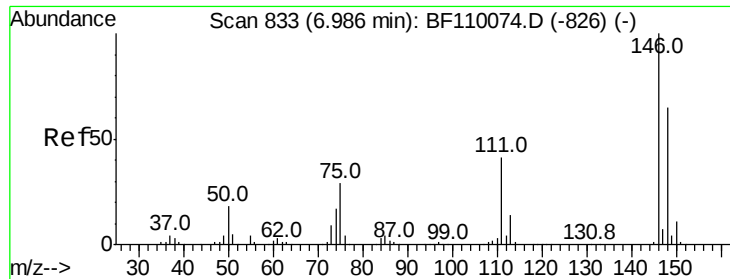
Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 256348 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.1  | 50.4  | 75.6   |
| 75        | 31.0  | 25.8  | 38.6   |





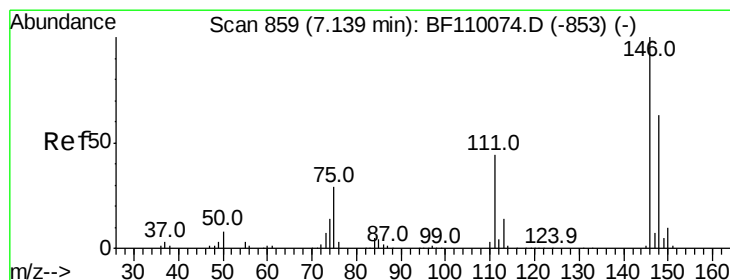
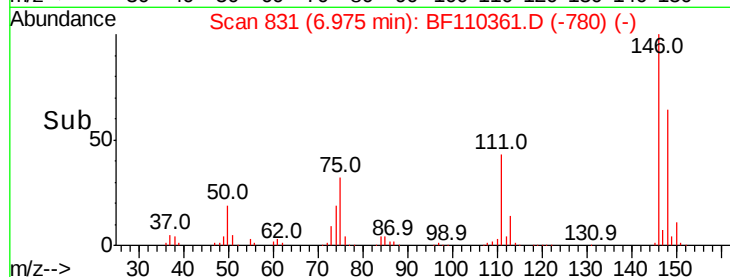
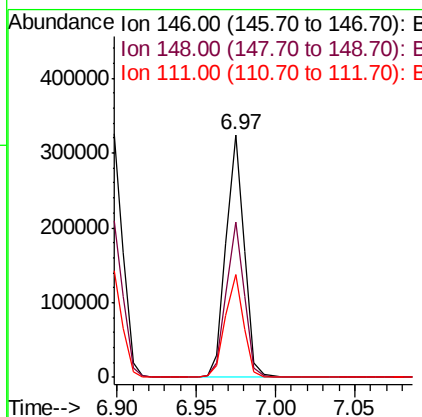
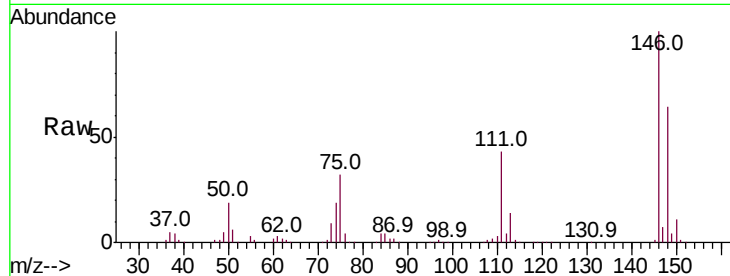
#13  
1,4-Dichlorobenzene  
Concen: 41.392 ng  
RT: 6.97 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 50.3  | 75.5  |
| 111     | 42.6  | 32.7  | 49.1  |

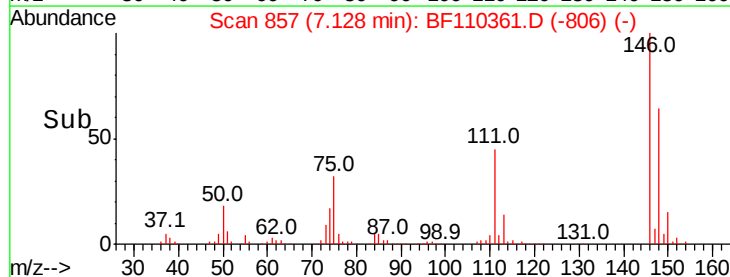
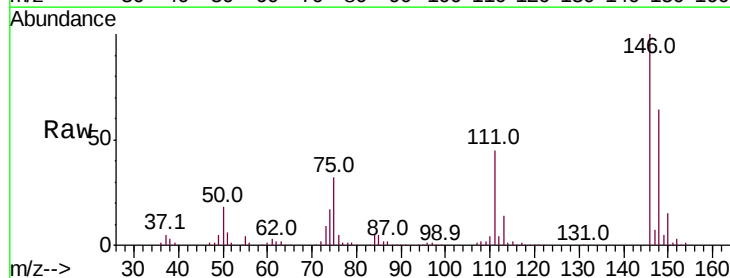
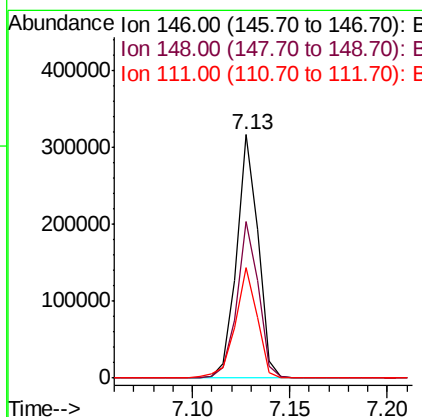
Manual Integrations  
APPROVED

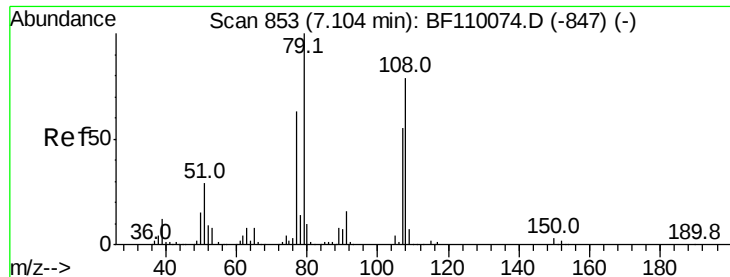
Sohil  
11/2/2018 2:48:43 PM



#14  
1,2-Dichlorobenzene  
Concen: 41.760 ng  
RT: 7.13 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 51.1  | 76.7  |
| 111     | 45.4  | 35.8  | 53.6  |





#15

Benzyl Alcohol

Concen: 42.755 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

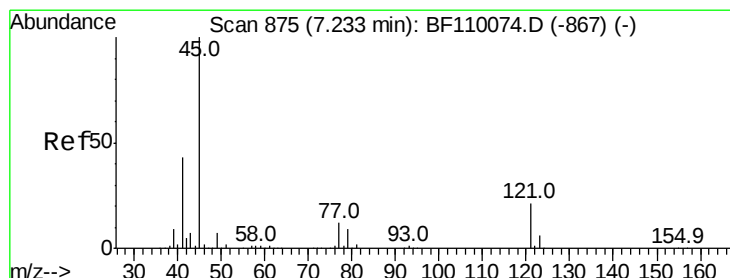
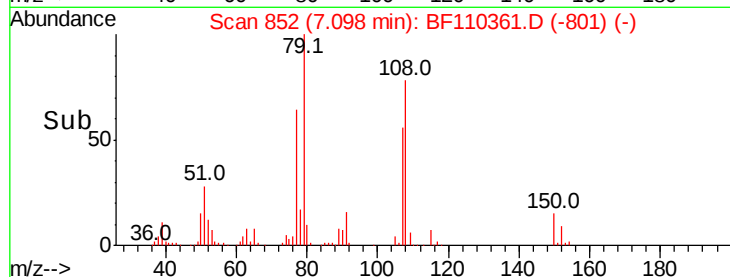
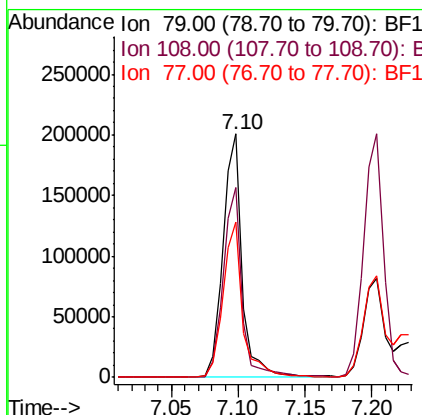
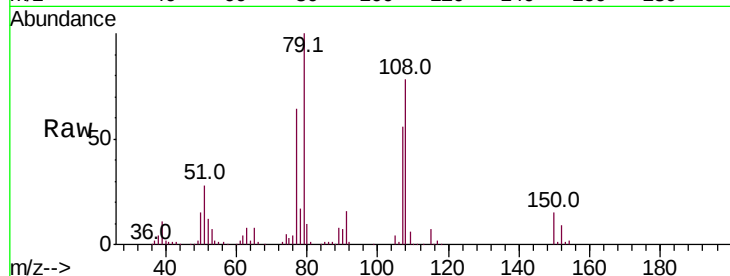
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 204182 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 78.0  | 56.3  | 84.5   |
| 77        | 63.6  | 52.9  | 79.3   |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.947 ng

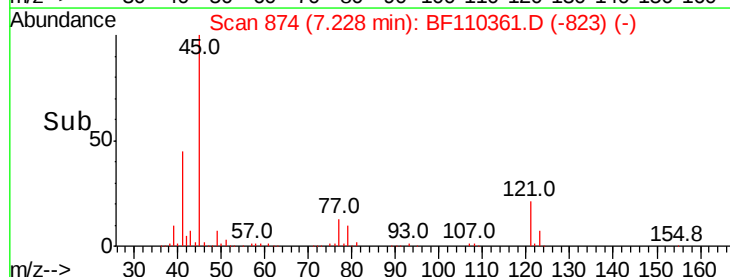
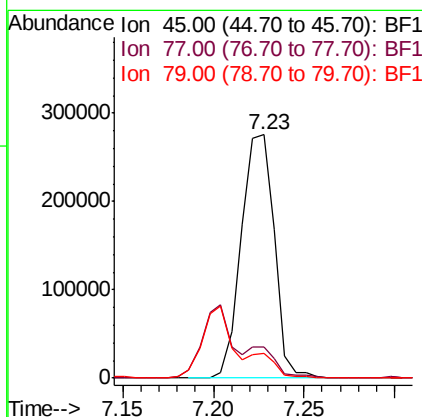
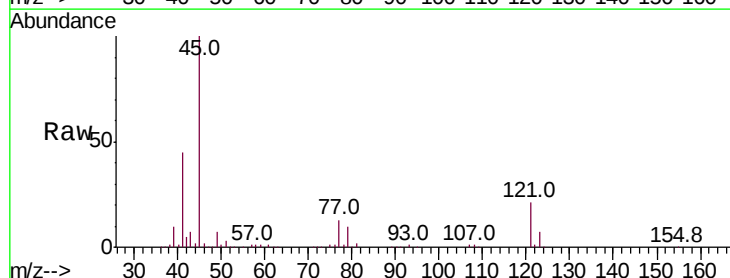
RT: 7.23 min Scan# 874

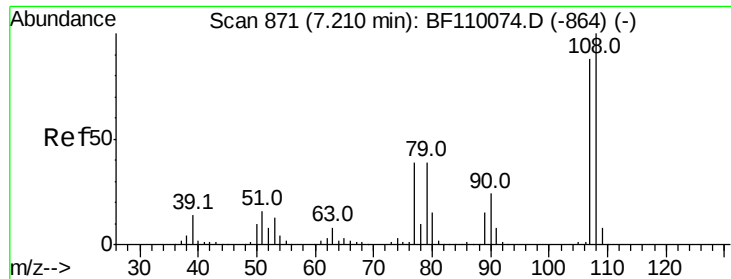
Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 348764 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 12.9  | 10.0  | 50.0   |
| 79        | 10.4  | 6.1   | 46.1   |





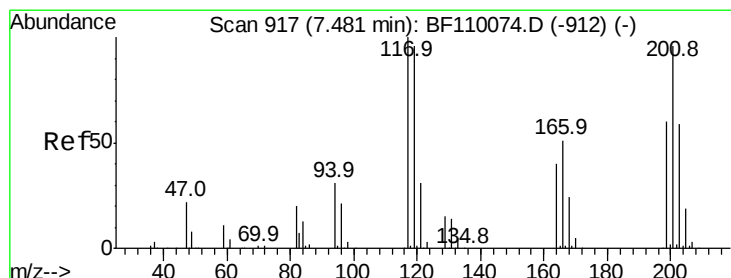
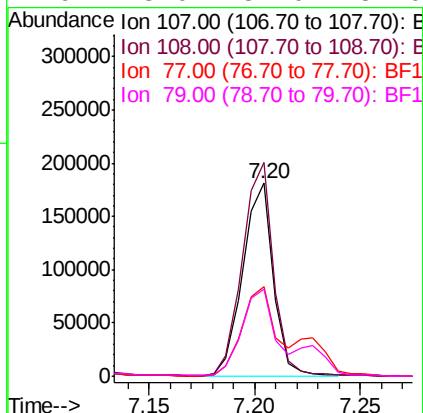
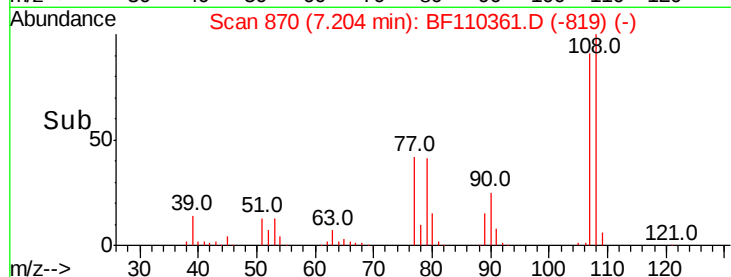
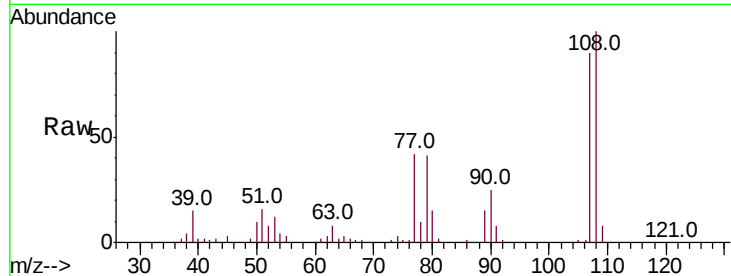
#17  
2-Methylphenol  
Concen: 40.515 ng  
RT: 7.20 min Scan# 870  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.6 | 92.6  | 138.8 |
| 77      | 46.2  | 59.4  | 89.2# |
| 79      | 45.0  | 54.0  | 81.0# |

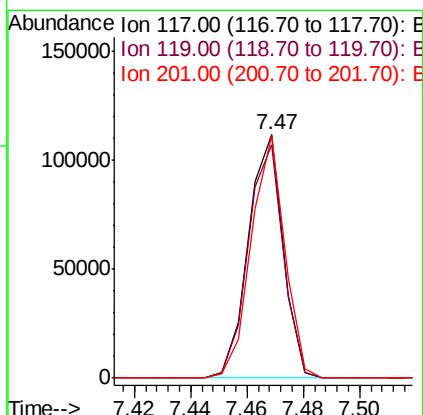
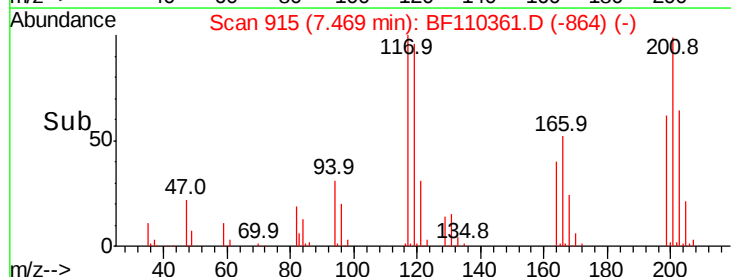
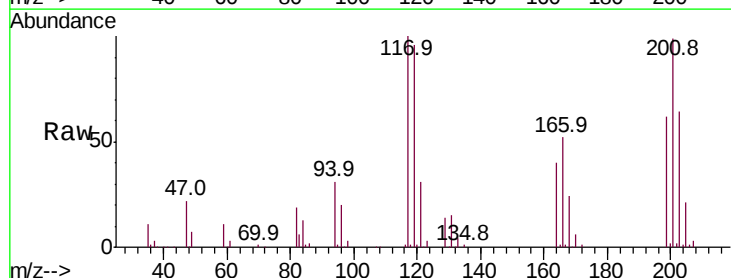
Manual Integrations  
APPROVED

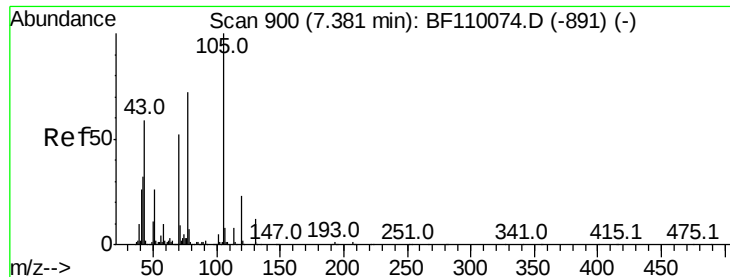
Sohil  
11/2/2018 2:48:43 PM



#18  
Hexachloroethane  
Concen: 41.795 ng  
RT: 7.47 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.1  | 75.0  | 112.6 |
| 201     | 99.3  | 79.2  | 118.8 |





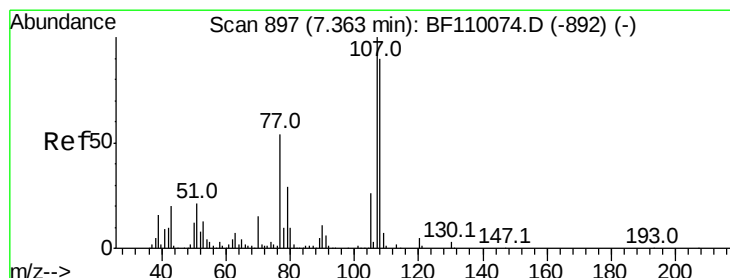
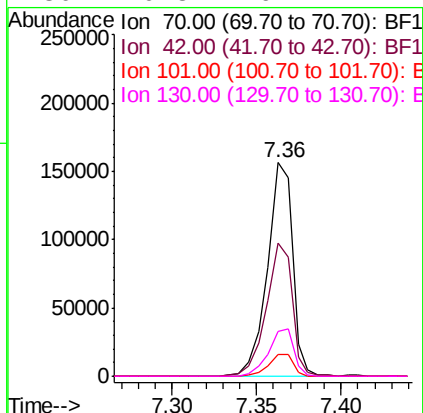
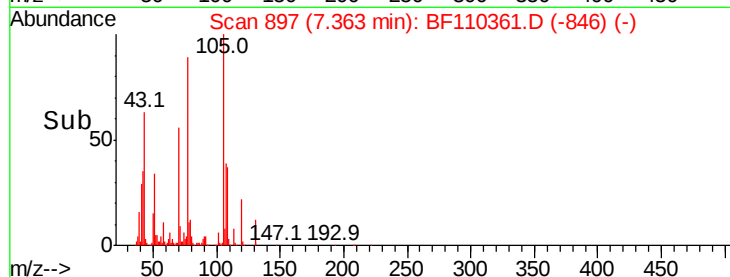
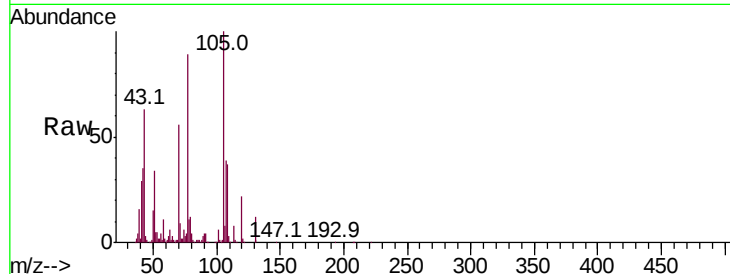
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.629 ng  
RT: 7.36 min Scan# 897  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 62.2  | 47.4  | 71.2  |
| 101     | 10.0  | 7.3   | 10.9  |
| 130     | 20.8  | 16.2  | 24.2  |

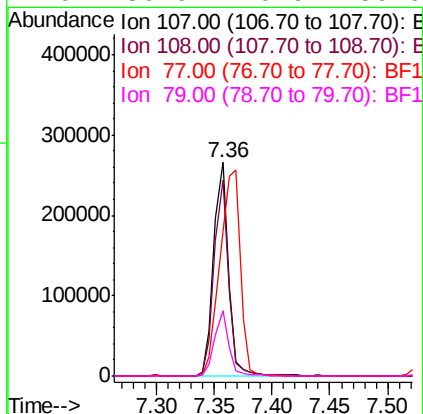
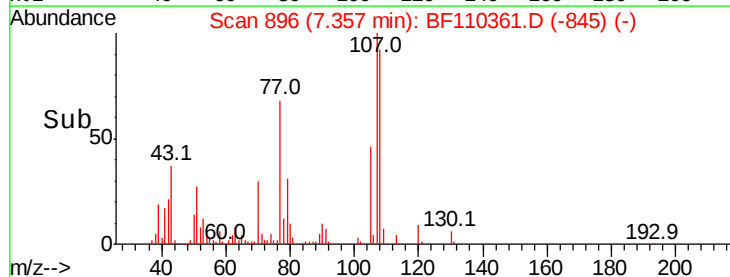
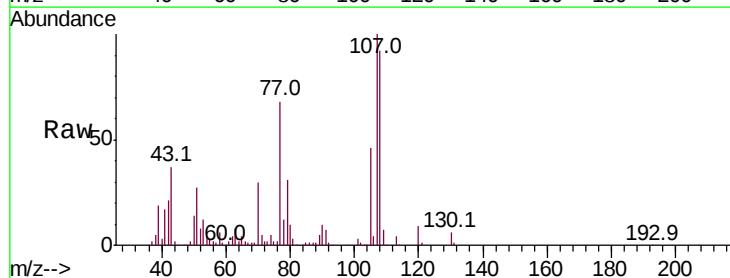
Manual Integrations  
APPROVED

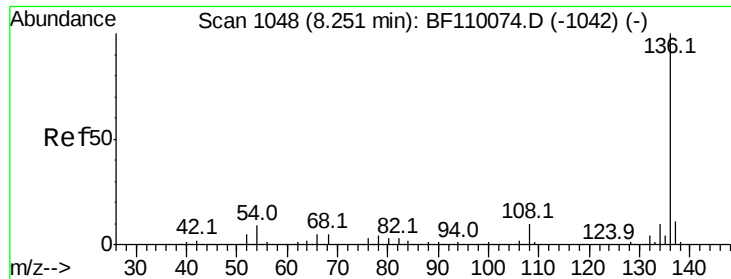
Sohil  
11/2/2018 2:48:43 PM



#20  
3+4-Methylphenols  
Concen: 41.666 ng  
RT: 7.36 min Scan# 896  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 91.9  | 71.4  | 111.4 |
| 77      | 67.9  | 47.3  | 87.3  |
| 79      | 30.9  | 10.9  | 50.9  |





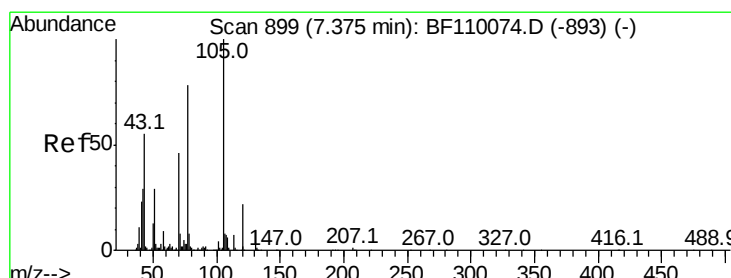
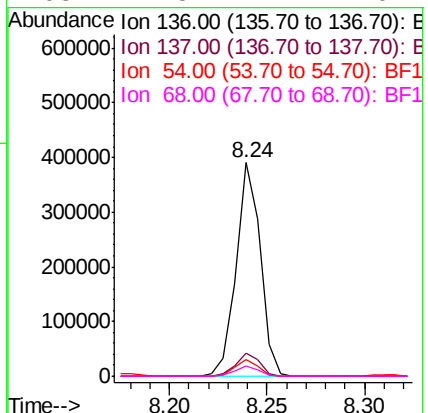
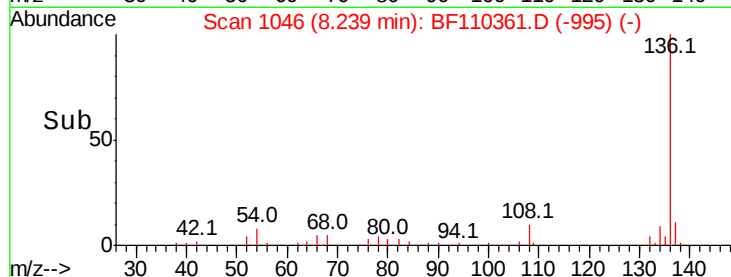
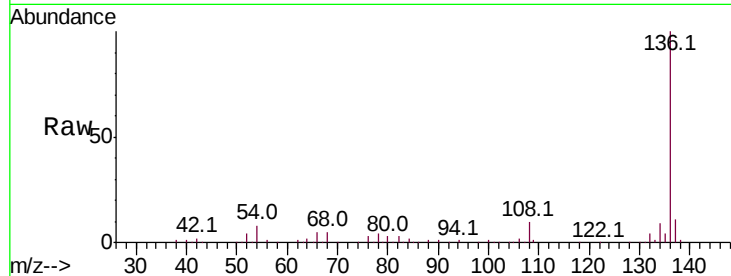
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.7  | 8.8  | 13.2  |       |
| 54      | 8.1   | 5.4  | 8.2   |       |
| 68      | 4.8   | 4.2  | 6.2   |       |

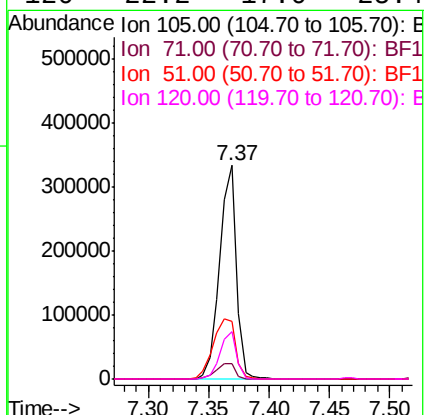
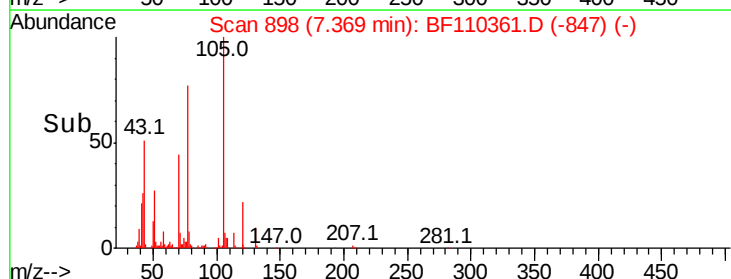
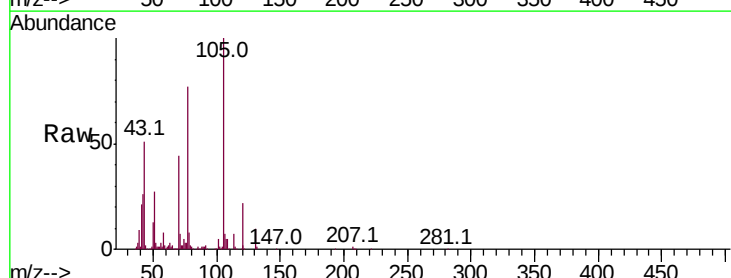
Manual Integrations  
APPROVED

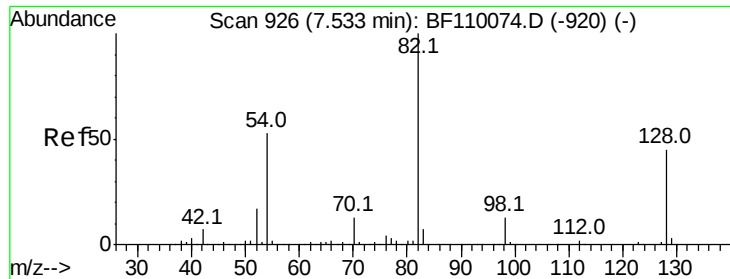
Sohil  
11/2/2018 2:48:43 PM



#22  
Acetophenone  
Concen: 41.045 ng  
RT: 7.37 min Scan# 898  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 7.1   | 5.2  | 7.8   |       |
| 51      | 27.2  | 21.8 | 32.8  |       |
| 120     | 22.2  | 17.0 | 25.4  |       |





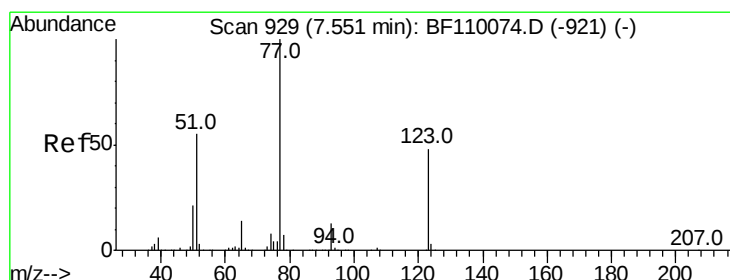
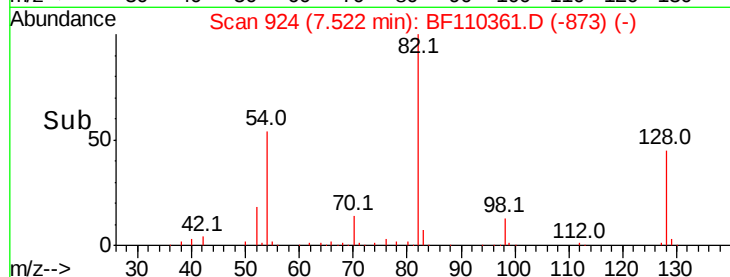
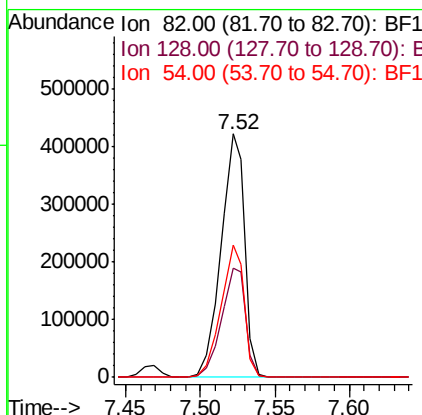
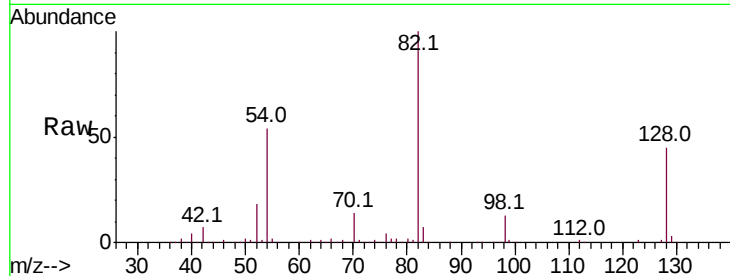
#23  
Nitrobenzene-d5  
Concen: 83.109 ng  
RT: 7.52 min Scan# 924  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.9  | 34.2  | 51.2  |
| 54      | 54.1  | 38.6  | 58.0  |

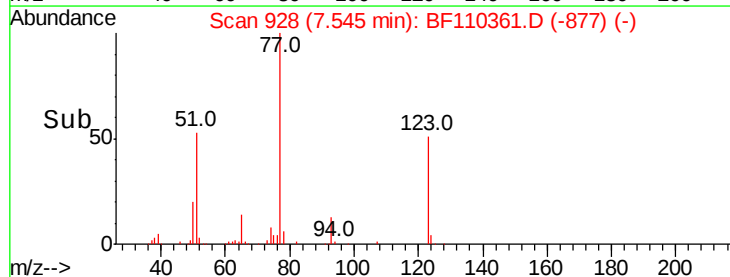
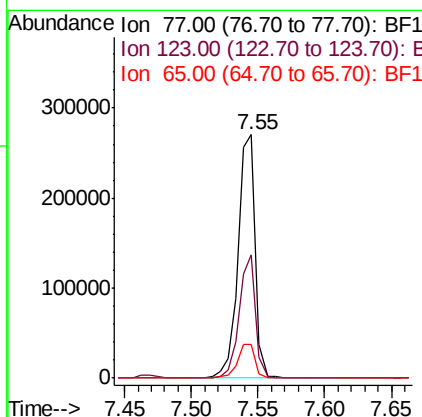
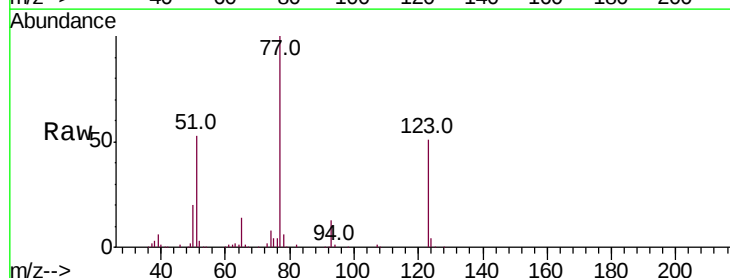
Manual Integrations  
APPROVED

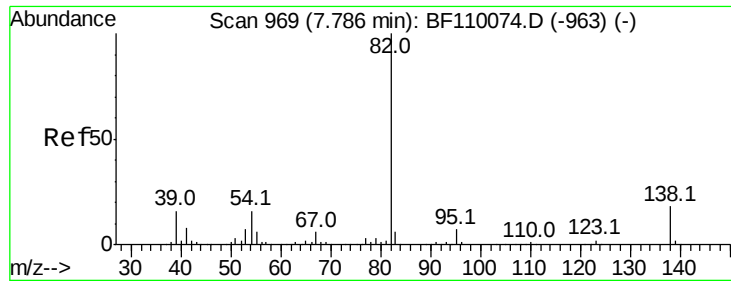
Sohil  
11/2/2018 2:48:43 PM



#24  
Nitrobenzene  
Concen: 41.788 ng  
RT: 7.55 min Scan# 928  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.8  | 35.7  | 53.5  |
| 65      | 13.6  | 10.7  | 16.1  |





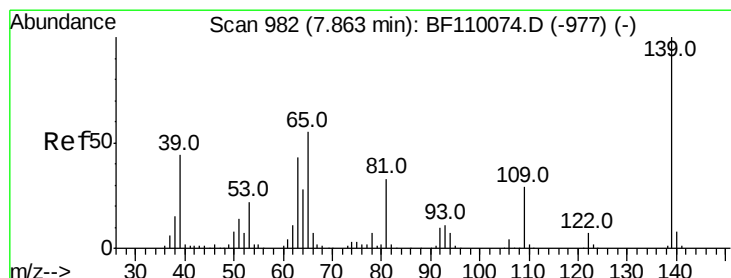
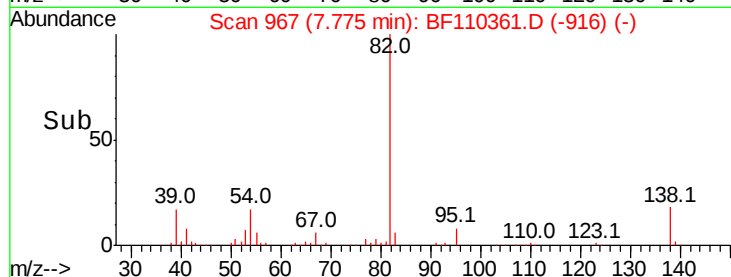
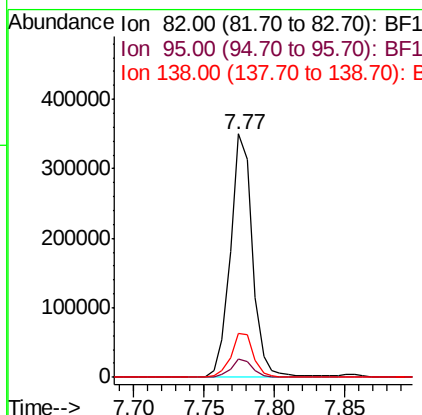
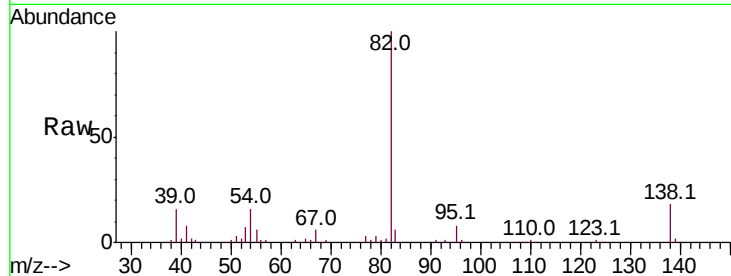
#25  
Isophorone  
Concen: 39.961 ng  
RT: 7.77 min Scan# 967  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.6   | 5.7   | 8.5   |
| 138     | 17.8  | 13.2  | 19.8  |

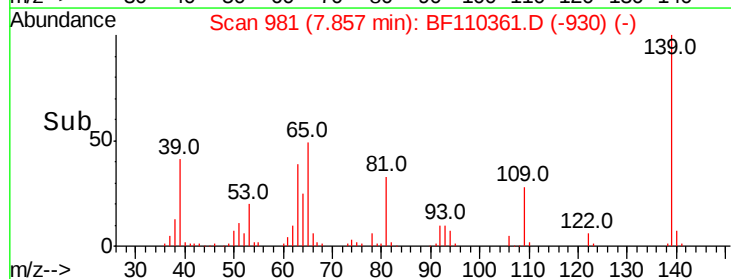
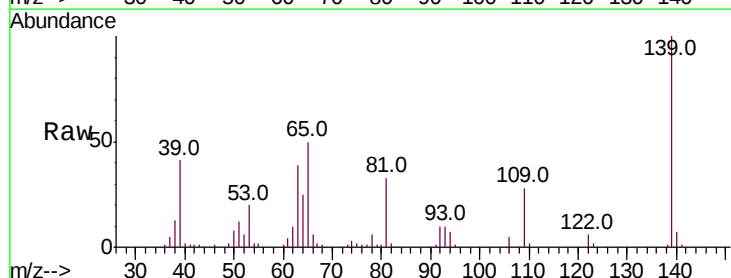
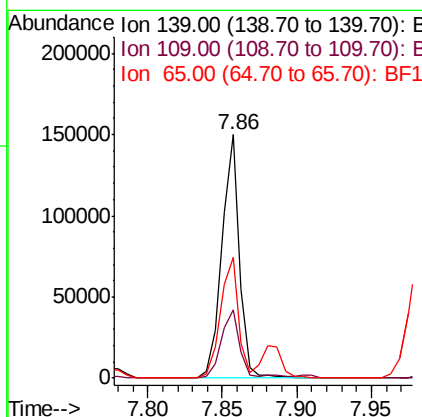
Manual Integrations  
APPROVED

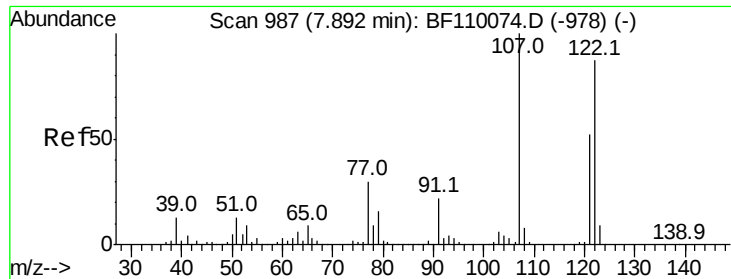
Sohil  
11/2/2018 2:48:43 PM



#26  
2-Nitrophenol  
Concen: 44.913 ng  
RT: 7.86 min Scan# 981  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 28.2  | 25.0  | 37.6  |
| 65      | 49.6  | 44.0  | 66.0  |





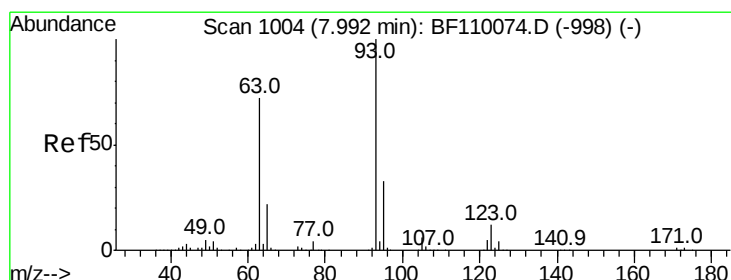
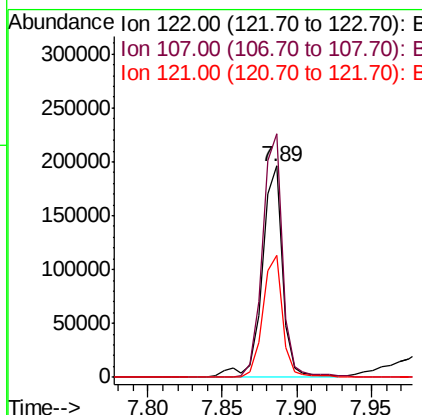
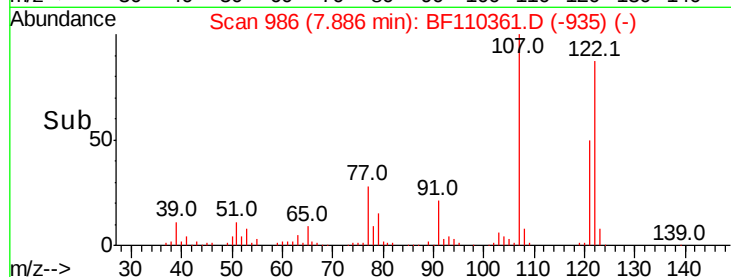
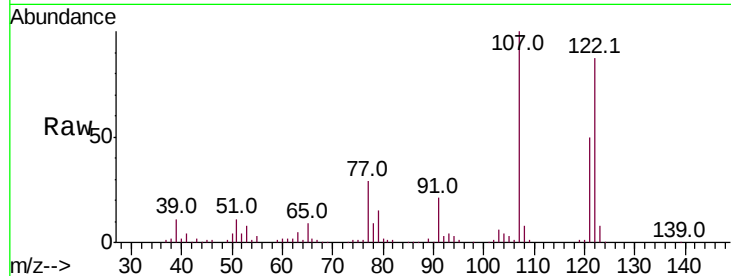
#27  
2,4-Dimethylphenol  
Concen: 40.378 ng  
RT: 7.89 min Scan# 986  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.1 | 92.5  | 138.7 |
| 121     | 57.8  | 45.8  | 68.8  |

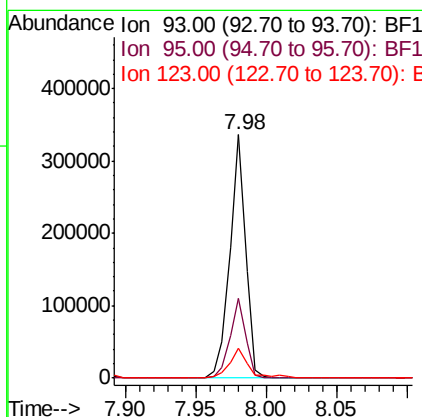
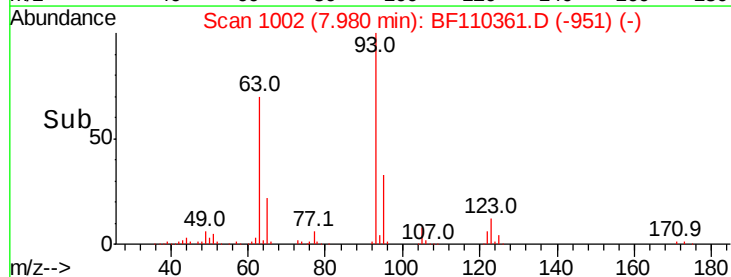
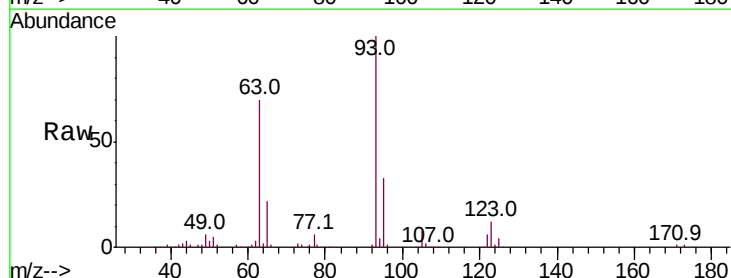
Manual Integrations  
APPROVED

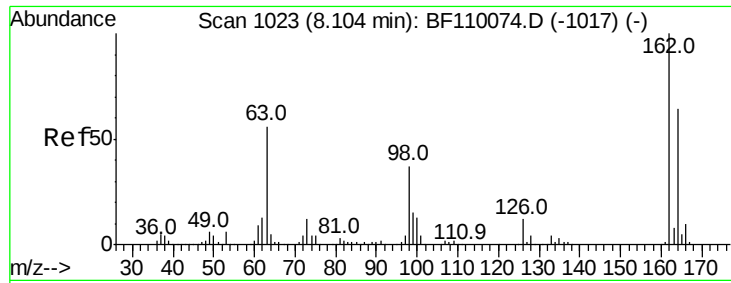
Sohil  
11/2/2018 2:48:43 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.016 ng  
RT: 7.98 min Scan# 1002  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 26.4  | 39.6  |
| 123     | 12.0  | 9.0   | 13.6  |





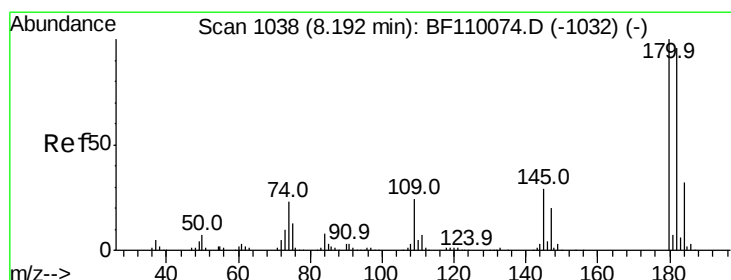
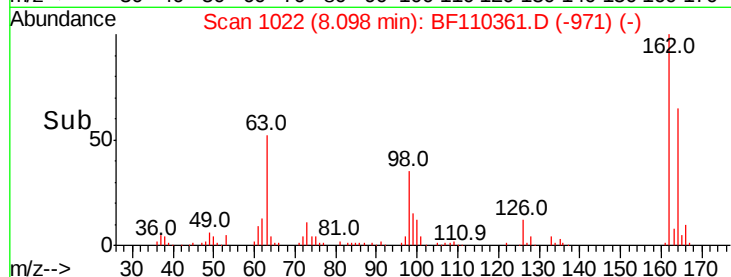
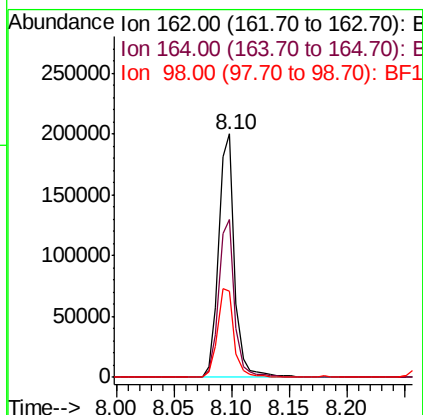
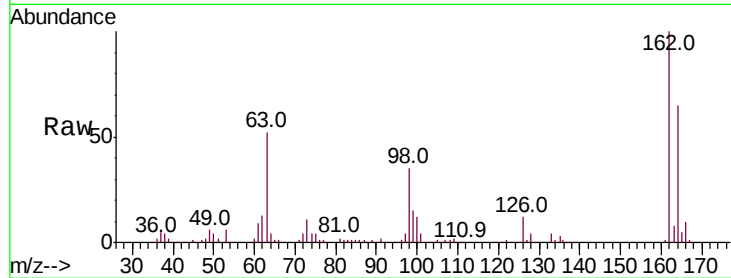
#29  
2,4-Dichlorophenol  
Concen: 41.354 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 64.8  | 44.6       | 84.6  |
| 98      | 35.2  | 17.4       | 57.4  |

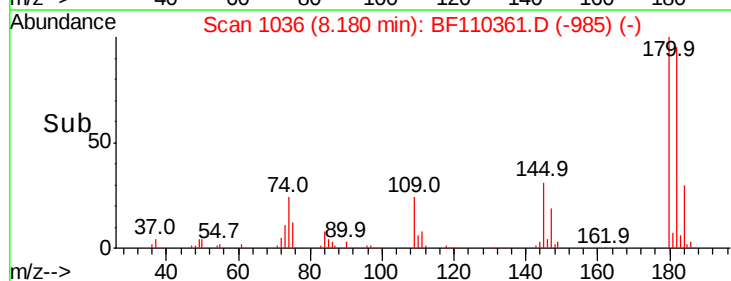
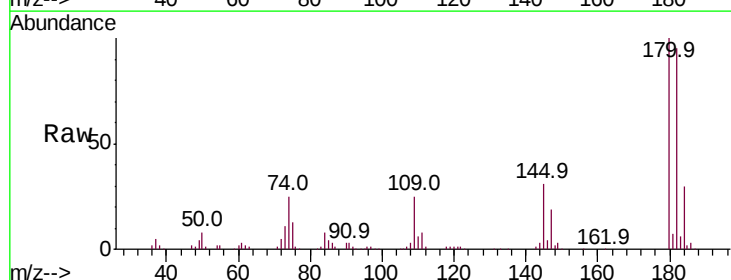
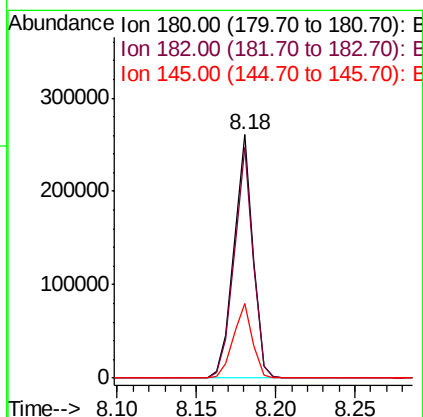
Manual Integrations  
APPROVED

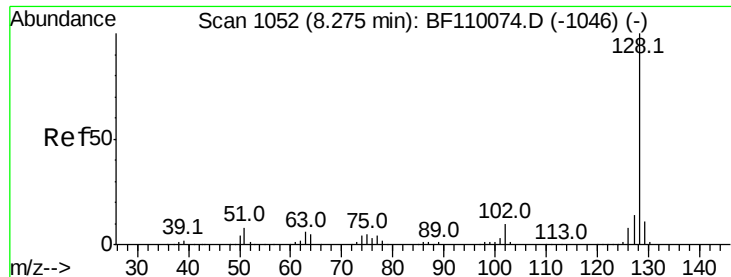
Sohil  
11/2/2018 2:48:43 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 41.758 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 94.8  | 80.3       | 120.5 |
| 145     | 30.6  | 25.4       | 38.0  |





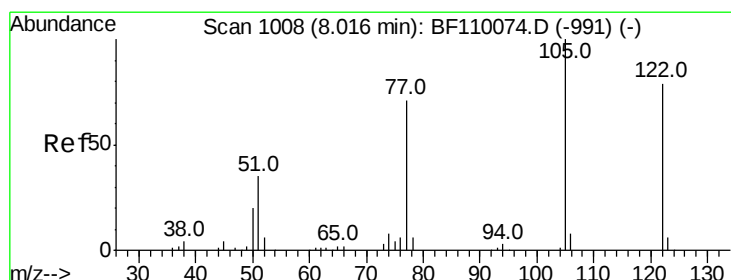
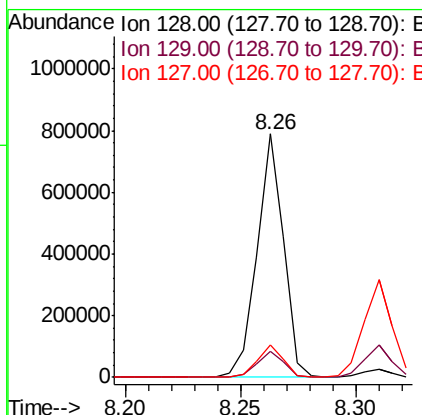
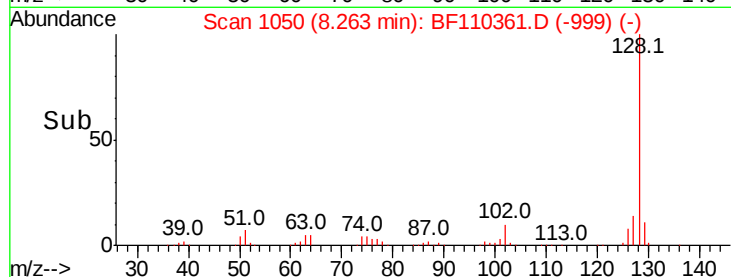
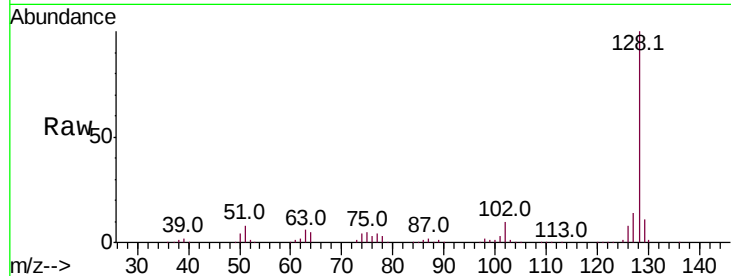
#31  
Naphthalene  
Concen: 40.958 ng  
RT: 8.26 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.8   | 13.2  |
| 127     | 13.5  | 10.8  | 16.2  |

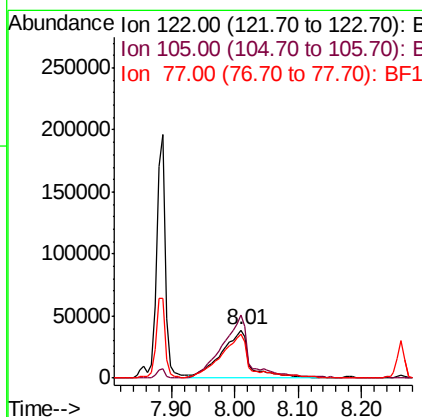
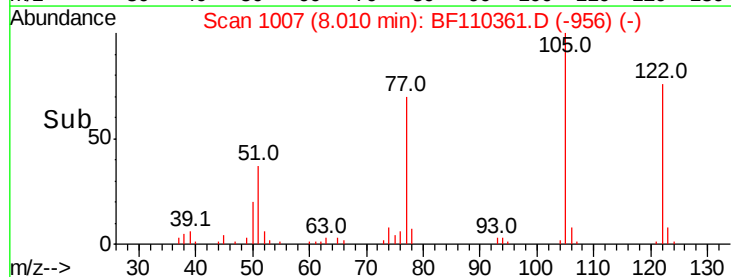
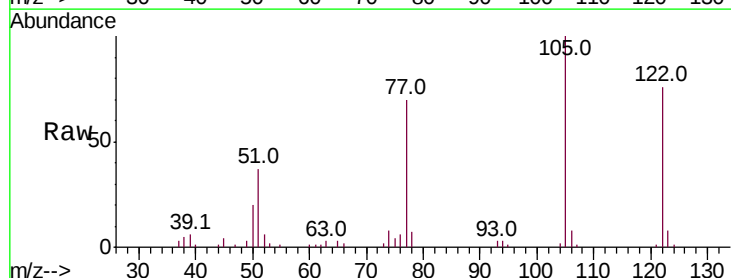
Manual Integrations  
APPROVED

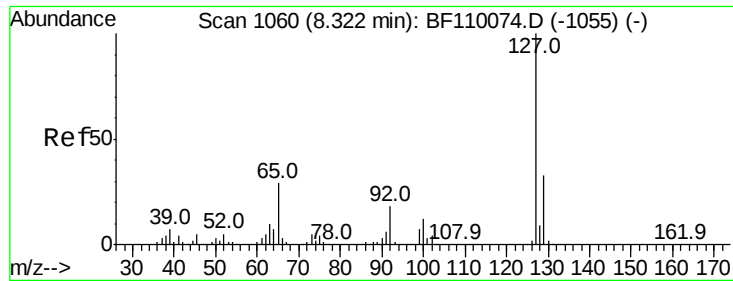
Sohil  
11/2/2018 2:48:43 PM



#32  
Benzoic acid  
Concen: 33.641 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 131.8 | 109.0 | 149.0 |
| 77      | 92.8  | 79.0  | 119.0 |





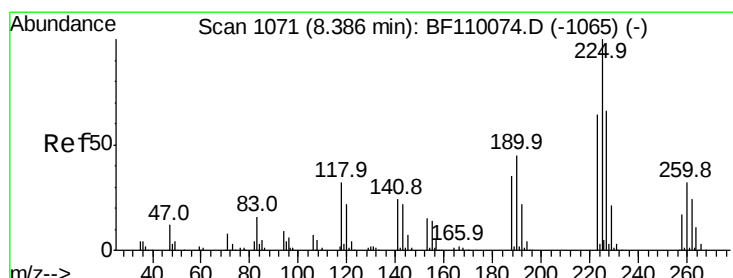
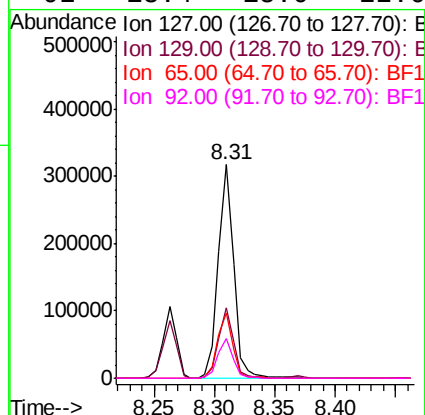
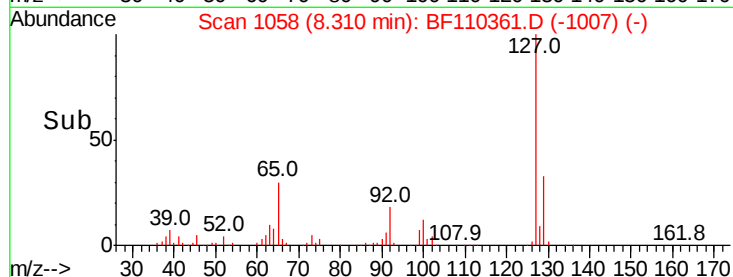
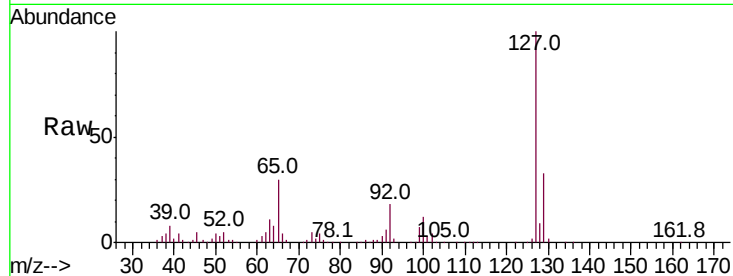
#33  
4-Chloroaniline  
Concen: 40.189 ng  
RT: 8.31 min Scan# 1058  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.9 | 26.0  | 39.0 |       |       |
| 65      | 30.4 | 25.1  | 37.7 |       |       |
| 92      | 18.4 | 15.0  | 22.6 |       |       |

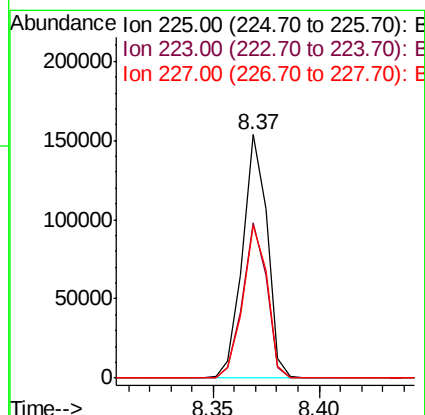
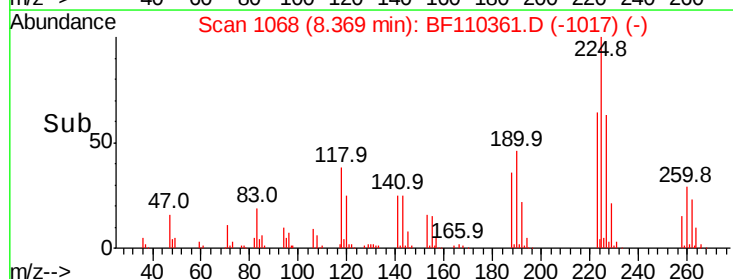
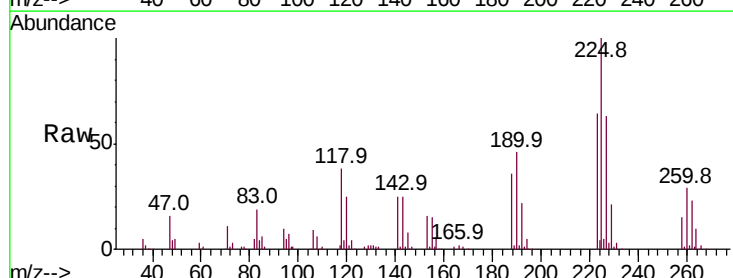
Manual Integrations  
APPROVED

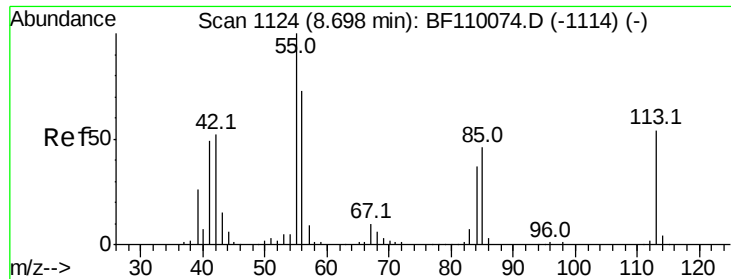
Sohil  
11/2/2018 2:48:43 PM



#34  
Hexachlorobutadiene  
Concen: 42.773 ng  
RT: 8.37 min Scan# 1068  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.9 | 51.4  | 77.2 |       |       |
| 227     | 63.0 | 51.0  | 76.6 |       |       |





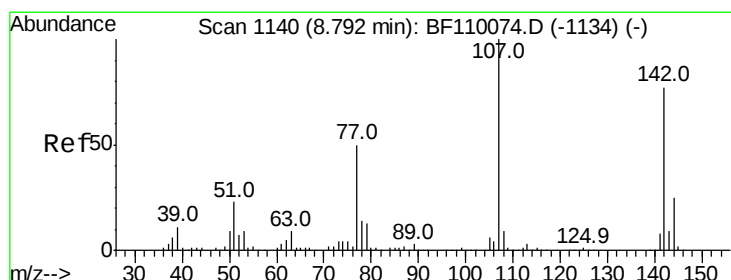
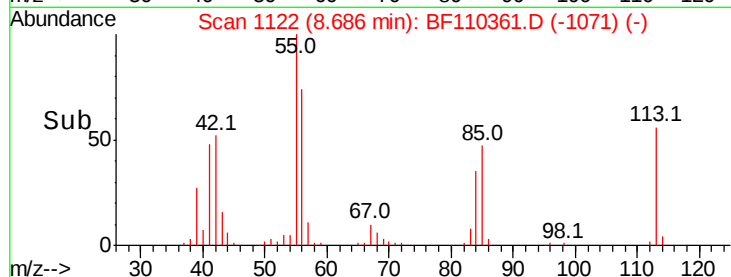
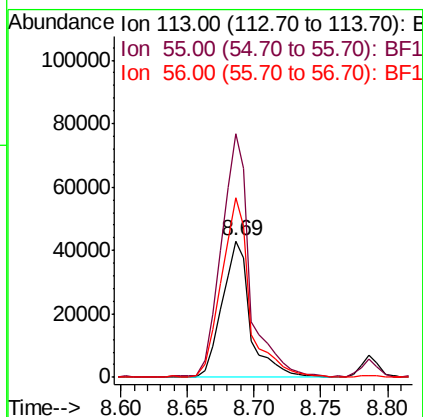
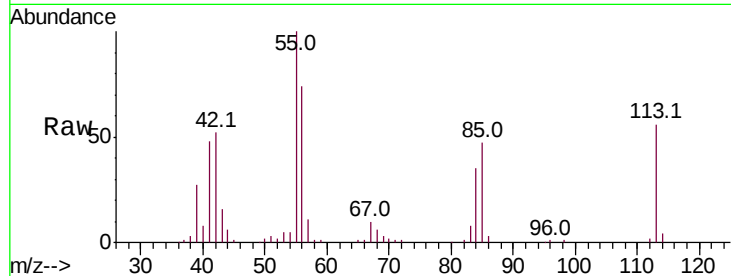
#35  
 Caprolactam  
 Concen: 39.507 ng  
 RT: 8.69 min Scan# 1122  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:113 Resp: 64121  
 Ion Ratio Lower Upper  
 113 100  
 55 178.2 142.8 182.8  
 56 131.5 105.0 145.0

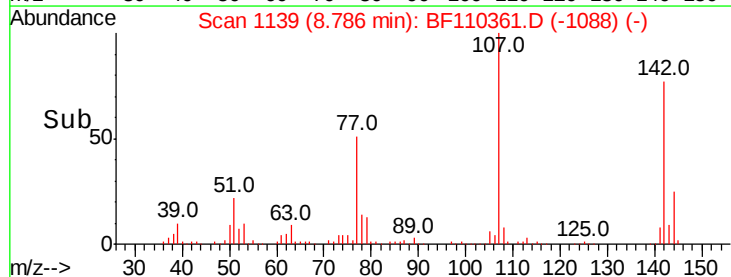
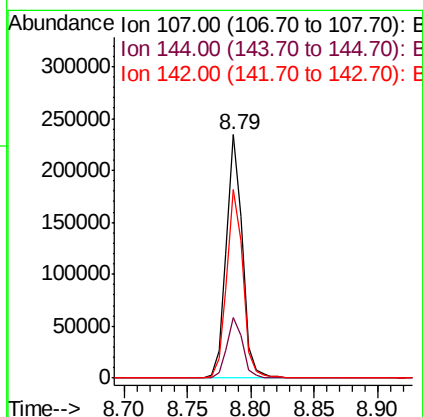
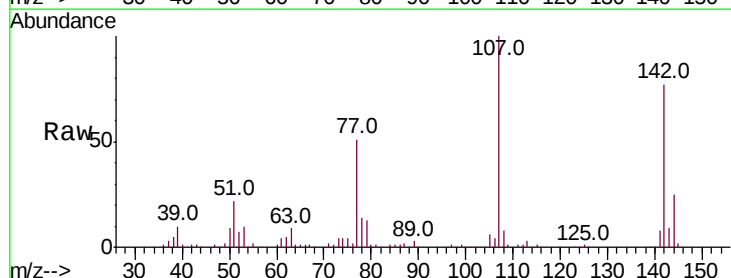
Manual Integrations  
 APPROVED

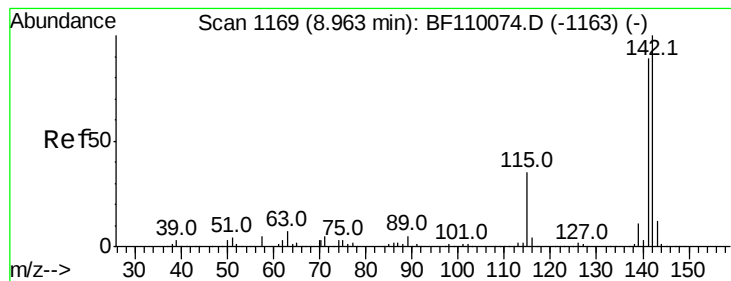
Sohil  
 11/2/2018 2:48:43 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.141 ng  
 RT: 8.79 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

Tgt Ion:107 Resp: 207165  
 Ion Ratio Lower Upper  
 107 100  
 144 24.8 20.0 30.0  
 142 77.4 59.7 89.5





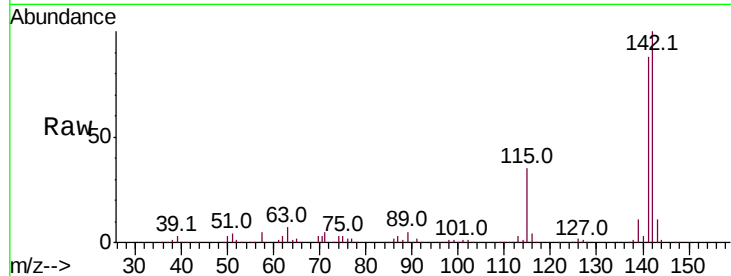
#37  
 2-Methylnaphthalene  
 Concen: 40.706 ng  
 RT: 8.95 min Scan# 1167  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

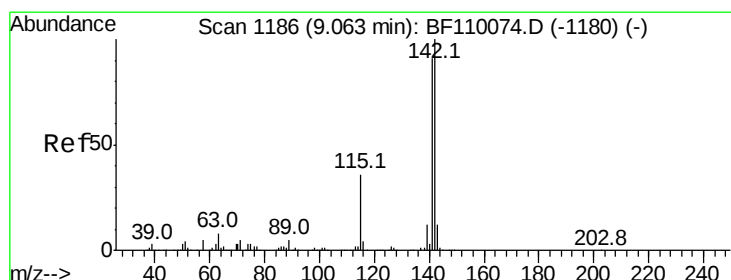
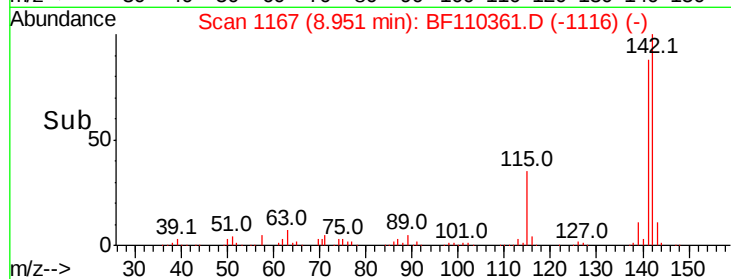
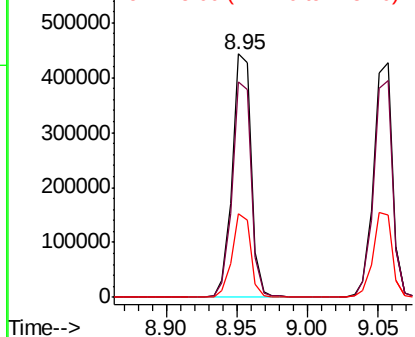
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.3  | 71.4  | 107.2 |
| 115     | 34.5  | 28.7  | 43.1  |

Manual Integrations  
 APPROVED

Sohil  
 11/2/2018 2:48:43 PM



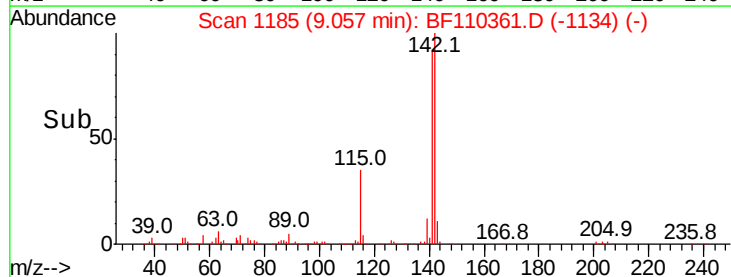
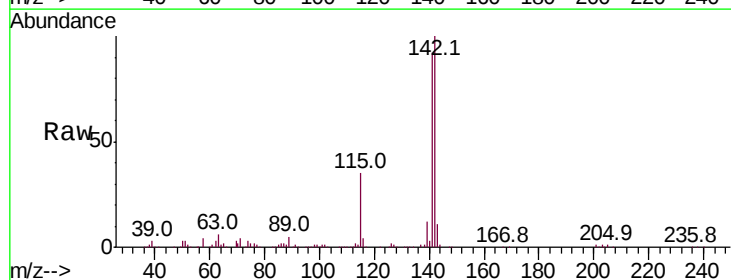
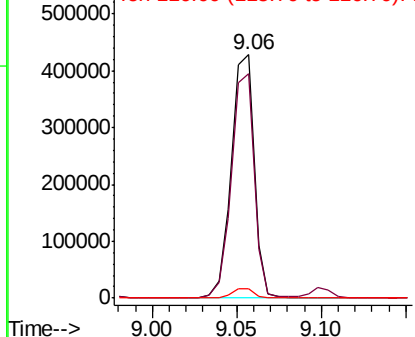
Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E



#38  
 1-Methylnaphthalene  
 Concen: 40.634 ng  
 RT: 9.06 min Scan# 1185  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.0  | 74.2  | 111.4 |
| 116     | 3.7   | 2.6   | 4.0   |

Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 116.00 (115.70 to 116.70): E





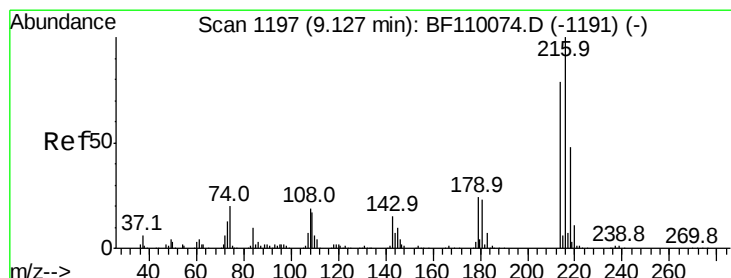
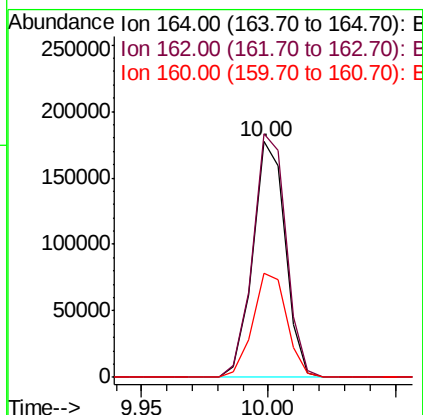
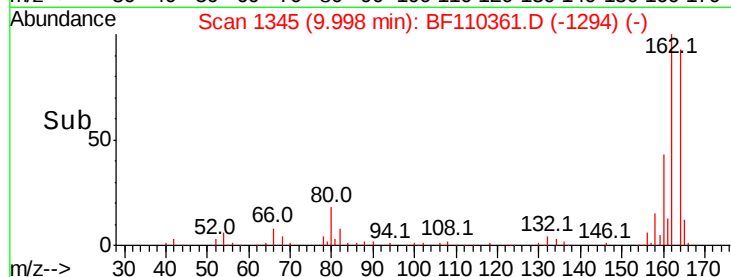
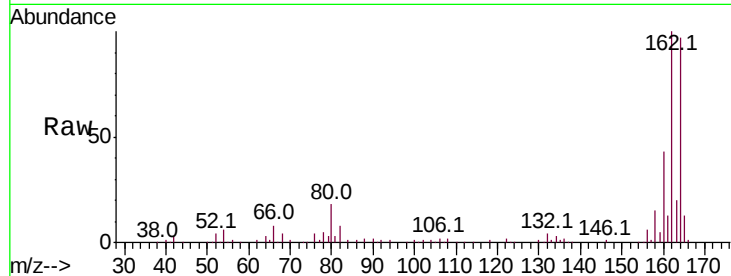
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.00 min Scan# 1345  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.4 | 83.0  | 124.6 |
| 160     | 44.4  | 37.0  | 55.6  |

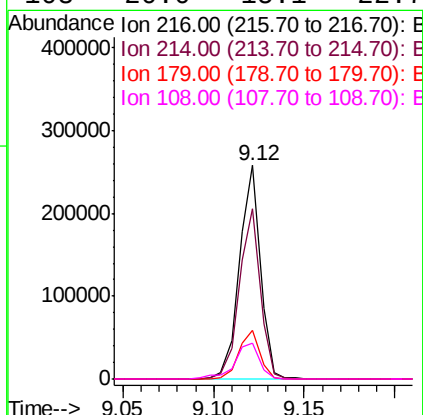
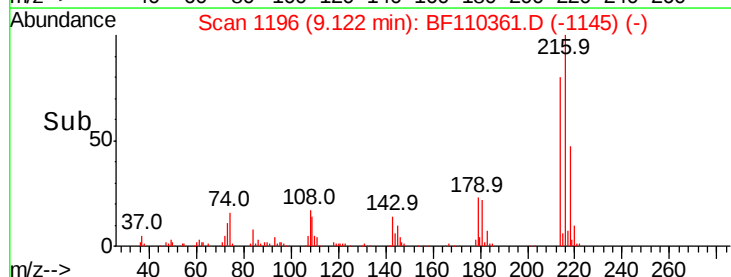
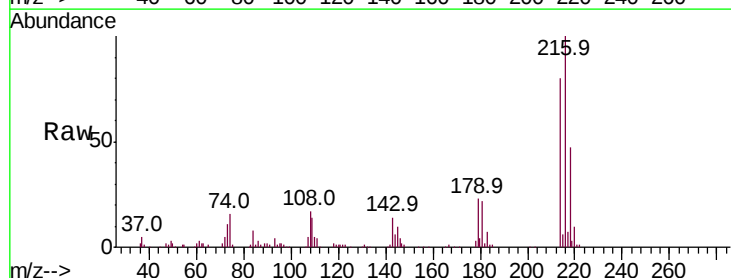
Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.889 ng  
RT: 9.12 min Scan# 1196  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 80.1  | 63.8  | 95.6  |
| 179     | 23.0  | 16.6  | 25.0  |
| 108     | 20.0  | 15.1  | 22.7  |





#41

Hexachlorocyclopentadiene

Concen: 43.369 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

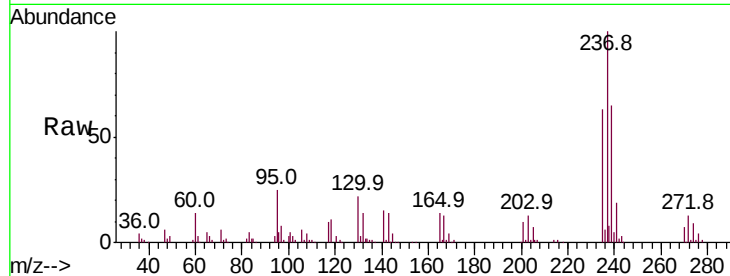
ClientSampleId :

SSTDCCC040

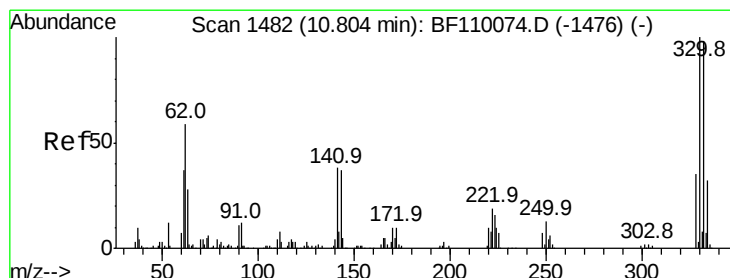
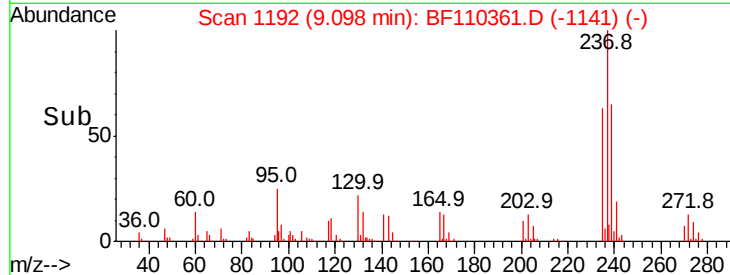
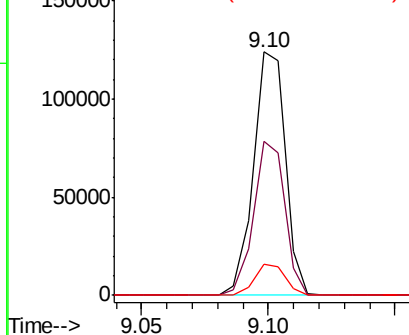
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 109572 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.1  | 43.1  | 83.1   |
| 272       | 12.6  | 0.0   | 32.6   |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM



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



#42

2,4,6-Tribromophenol

Concen: 82.834 ng

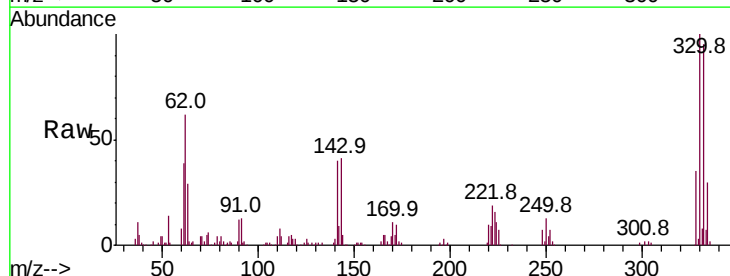
RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

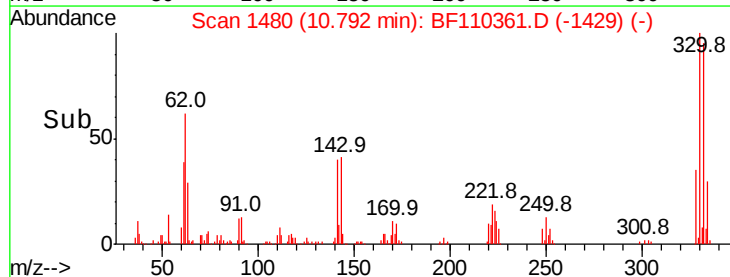
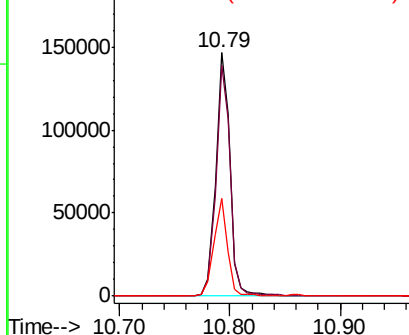
Lab File: BF110361.D

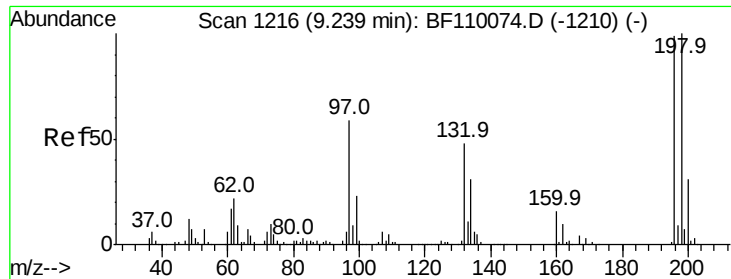
Acq: 1 Nov 2018 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 130118 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.3  | 77.1  | 115.7  |
| 141       | 38.0  | 27.0  | 40.4   |



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





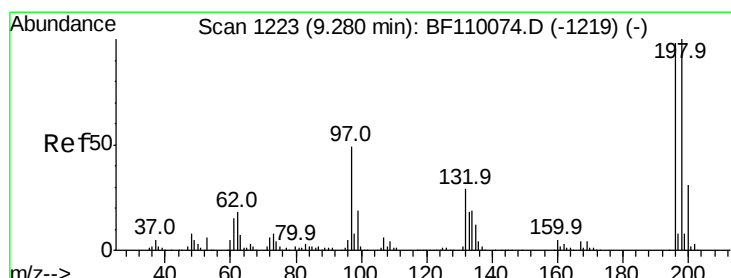
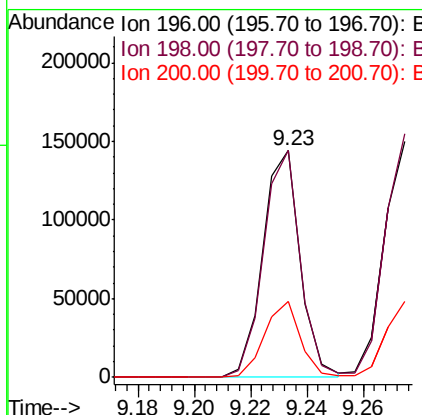
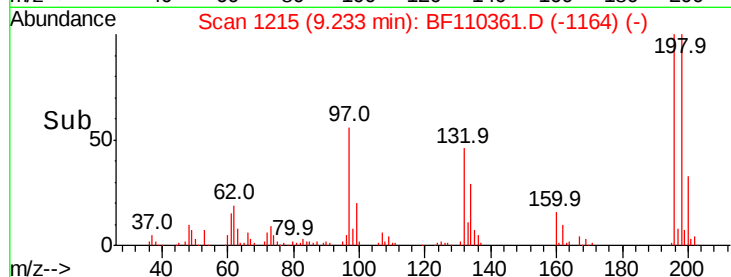
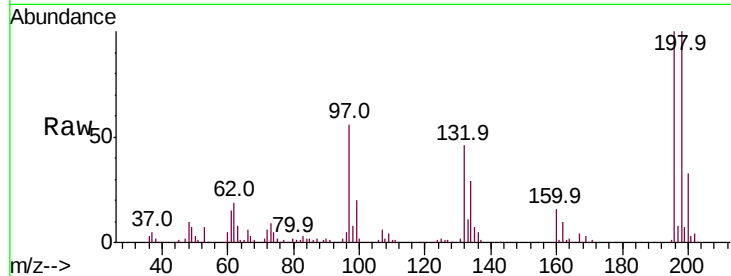
#43  
2,4,6-Trichlorophenol  
Concen: 41.373 ng  
RT: 9.23 min Scan# 1215  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 131850 |       |       |
| 198     | 100.2 | 76.2   | 114.4 |       |
| 200     | 33.2  | 24.4   | 36.6  |       |

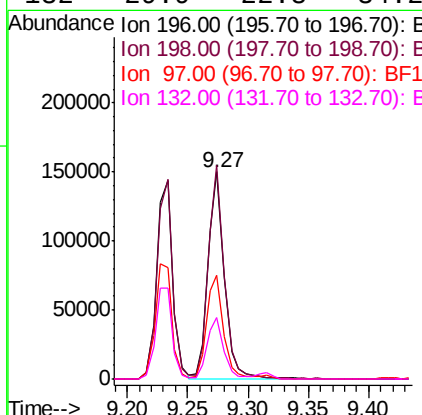
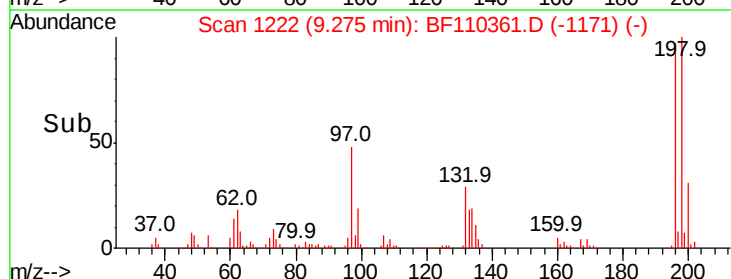
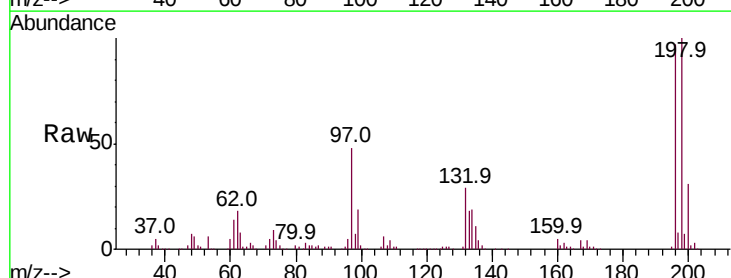
Manual Integrations  
APPROVED

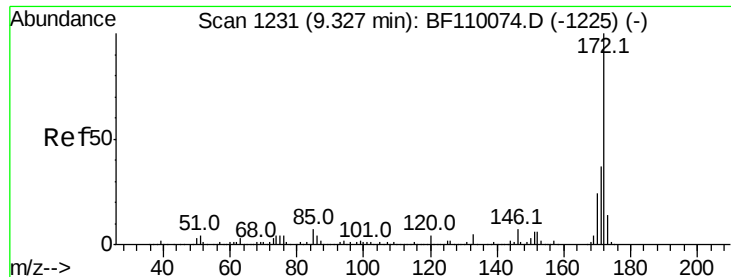
Sohil  
11/2/2018 2:48:43 PM



#44  
2,4,5-Trichlorophenol  
Concen: 41.880 ng  
RT: 9.27 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 141077 |       |       |
| 198     | 103.2 | 75.8   | 113.6 |       |
| 97      | 50.0  | 42.4   | 63.6  |       |
| 132     | 29.9  | 22.8   | 34.2  |       |





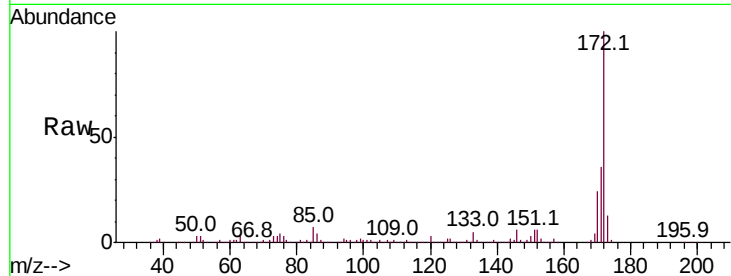
#45  
2-Fluorobiphenyl  
Concen: 87.461 ng  
RT: 9.32 min Scan# 1229  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

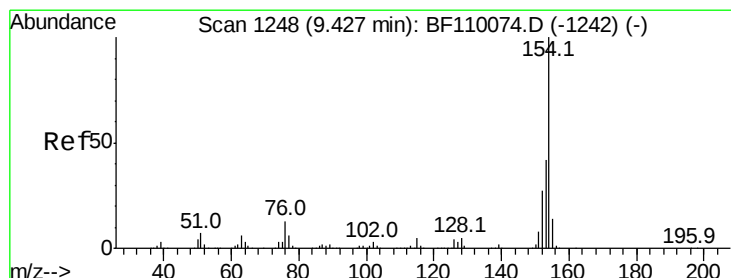
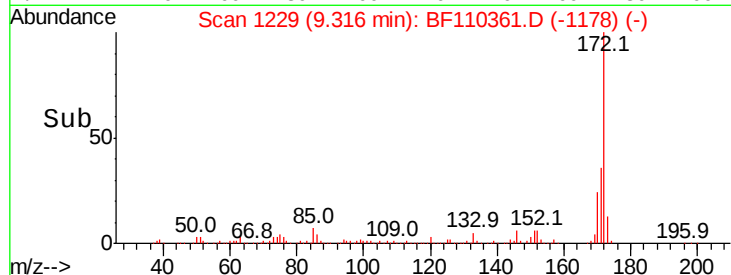
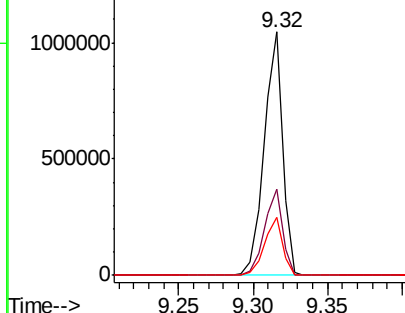
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 883251 |       |       |
| 171     | 35.7  |        | 28.6  | 43.0  |
| 170     | 23.8  |        | 19.7  | 29.5  |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM



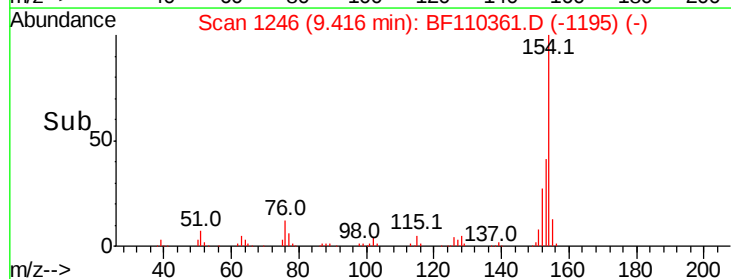
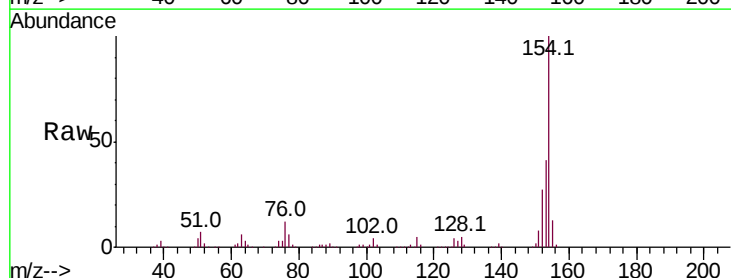
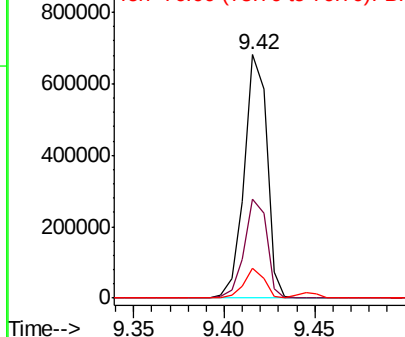
Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

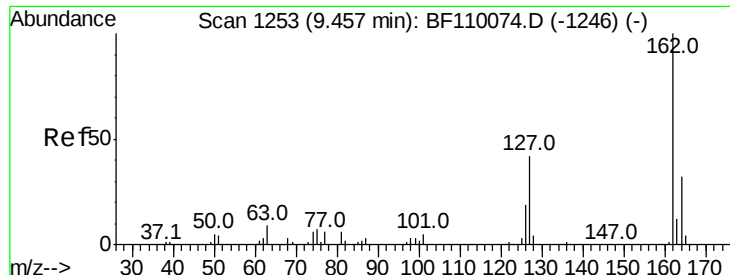


#46  
1,1'-Biphenyl  
Concen: 41.381 ng  
RT: 9.42 min Scan# 1246  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 593405 |       |       |
| 153     | 40.6  |        | 20.4  | 60.4  |
| 76      | 12.2  |        | 0.0   | 31.9  |

Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1





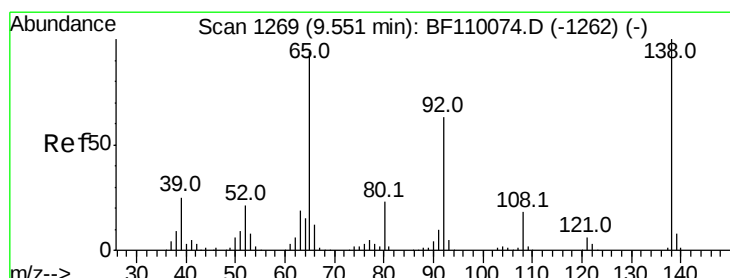
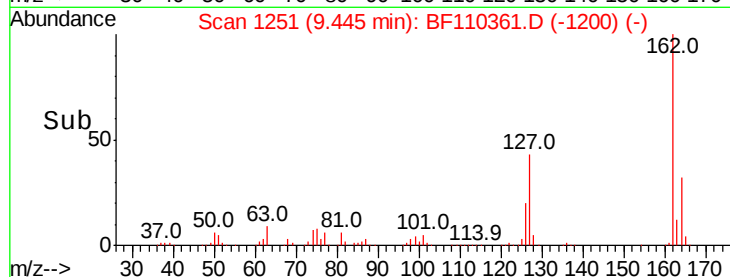
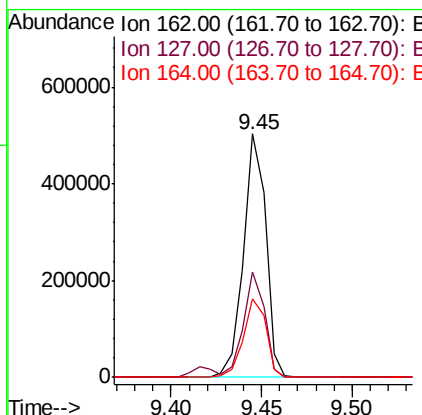
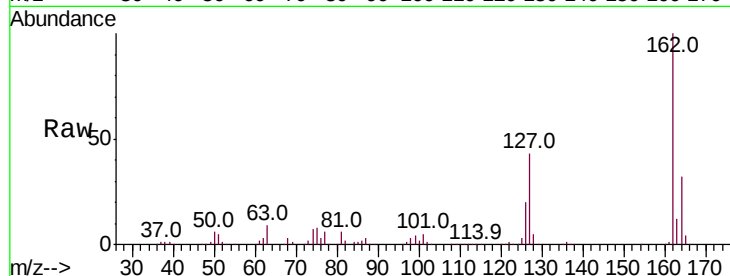
#47  
 2-Chloronaphthalene  
 Concen: 40.859 ng  
 RT: 9.45 min Scan# 1251  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.1  | 32.6  | 48.8  |
| 164     | 32.1  | 25.9  | 38.9  |

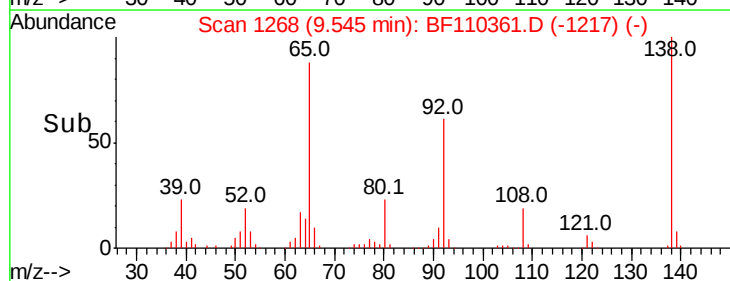
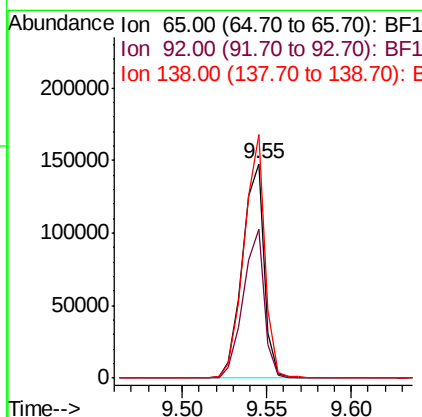
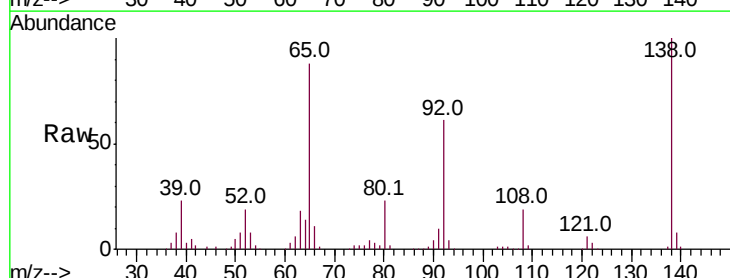
Manual Integrations  
 APPROVED

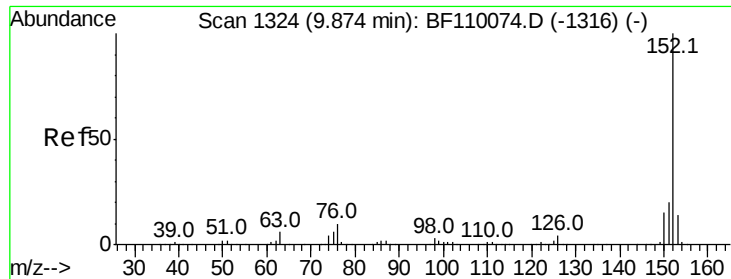
Sohil  
 11/2/2018 2:48:43 PM



#48  
 2-Nitroaniline  
 Concen: 41.731 ng  
 RT: 9.55 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.3  | 54.6  | 81.8  |
| 138     | 113.7 | 80.3  | 120.5 |





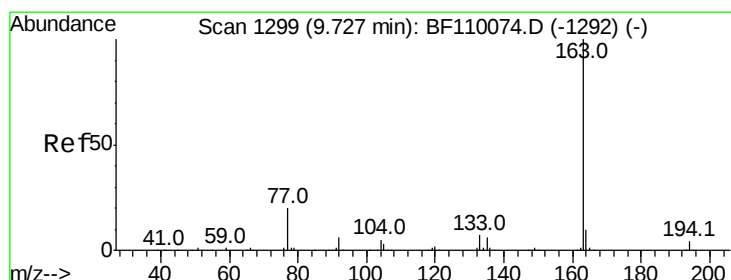
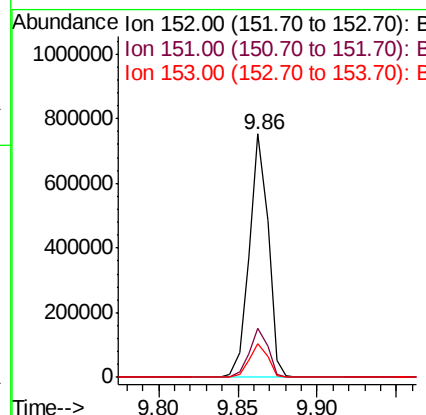
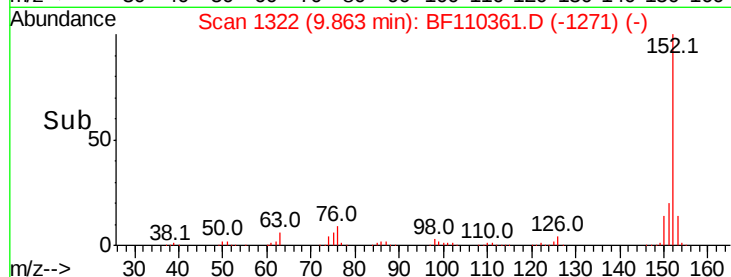
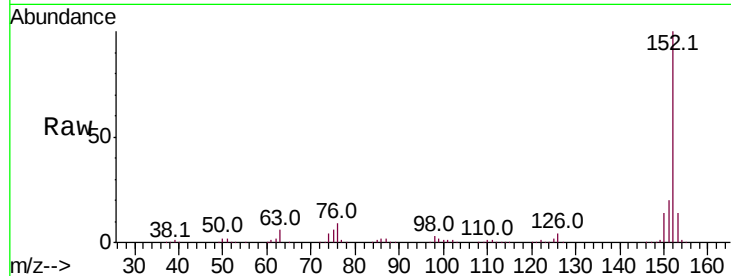
#49  
Acenaphthylene  
Concen: 40.820 ng  
RT: 9.86 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.0  | 15.8  | 23.8  |
| 153     | 13.8  | 10.4  | 15.6  |

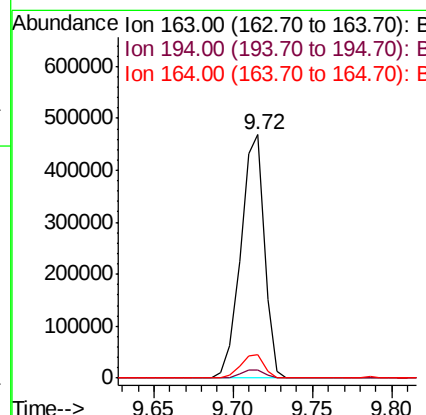
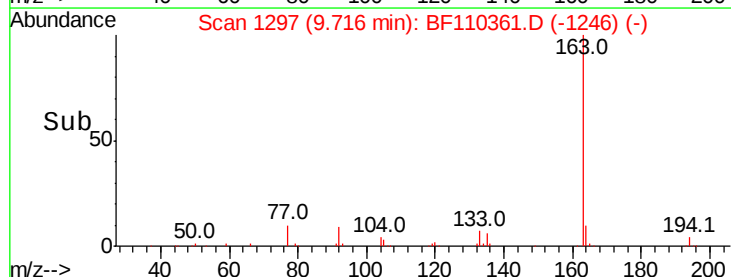
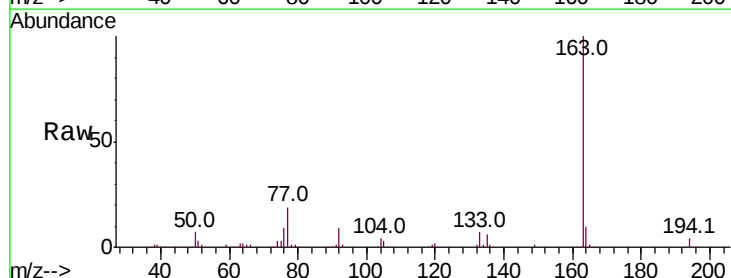
Manual Integrations  
APPROVED

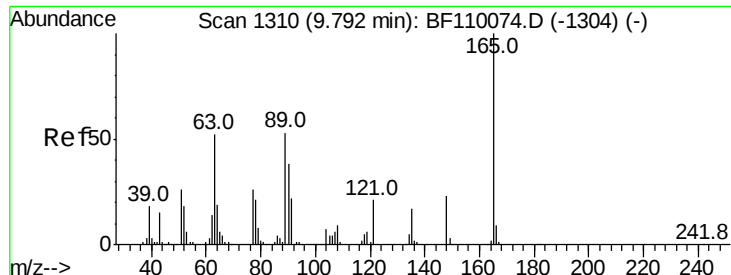
Sohil  
11/2/2018 2:48:43 PM



#50  
Dimethylphthalate  
Concen: 41.209 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.6   | 3.2   | 4.8   |
| 164     | 9.6   | 8.1   | 12.1  |





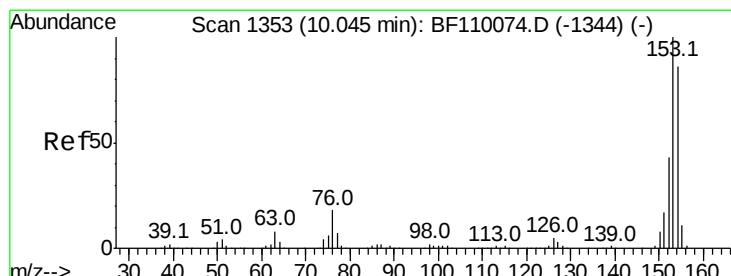
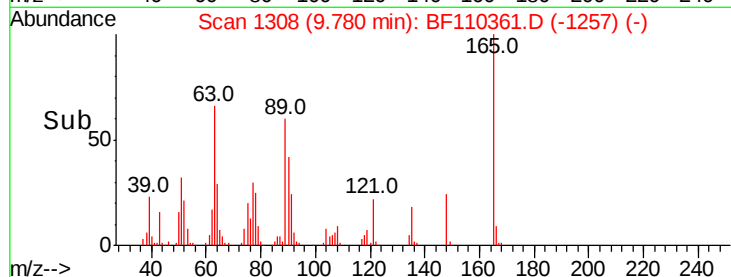
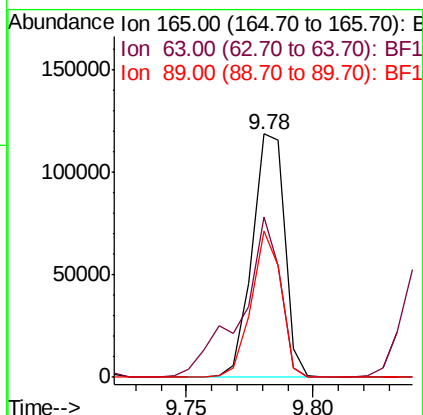
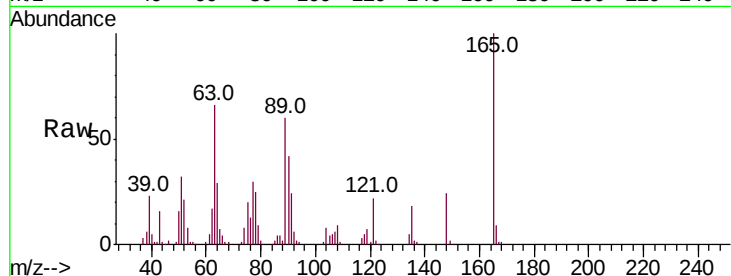
#51  
2,6-Dinitrotoluene  
Concen: 42.232 ng  
RT: 9.78 min Scan# 1308  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 106487 |       |       |
| 63      | 65.8  | 48.9   | 73.3  |       |
| 89      | 60.3  | 46.6   | 69.8  |       |

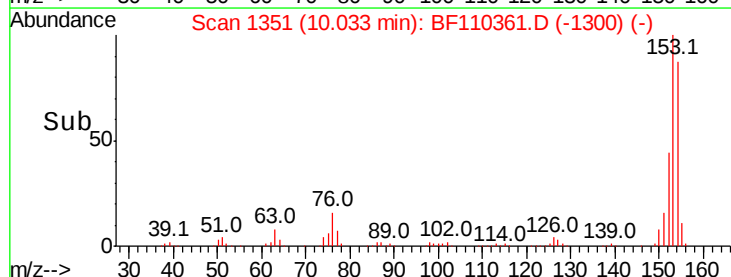
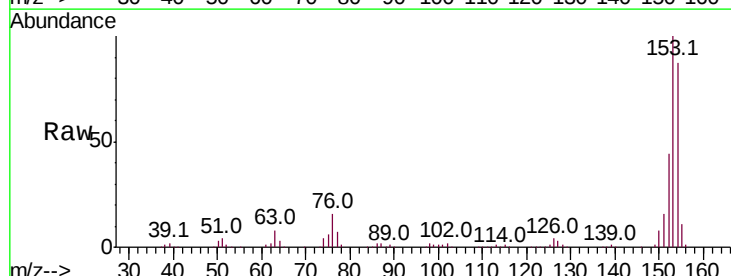
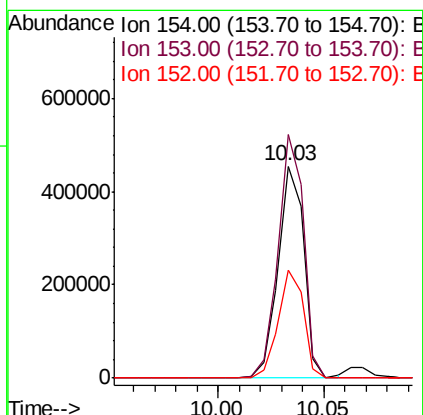
Manual Integrations  
APPROVED

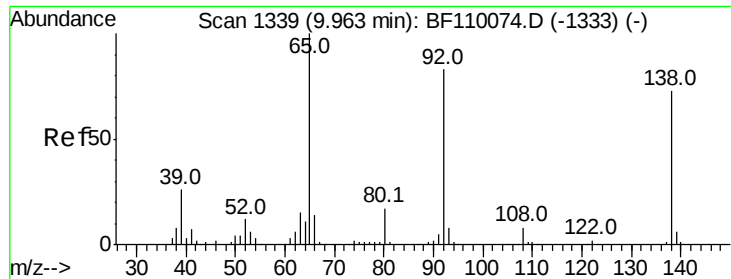
Sohil  
11/2/2018 2:48:43 PM



#52  
Acenaphthene  
Concen: 38.723 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 389198 |       |       |
| 153     | 115.0 | 90.1   | 135.1 |       |
| 152     | 51.1  | 43.4   | 65.2  |       |





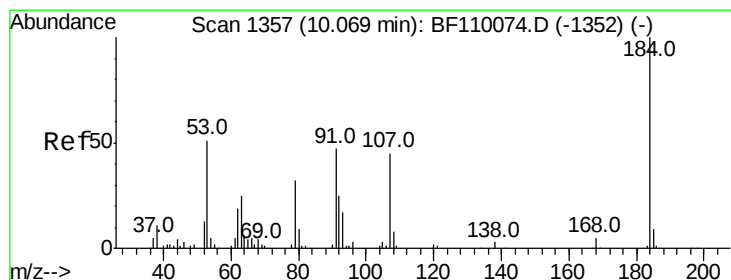
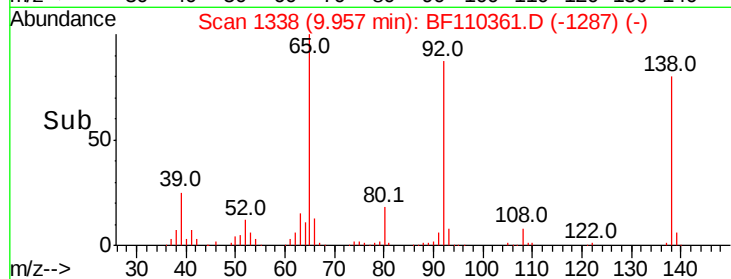
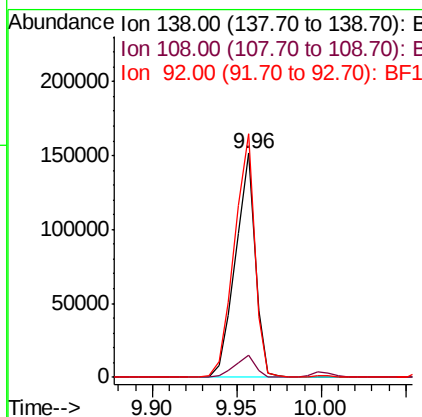
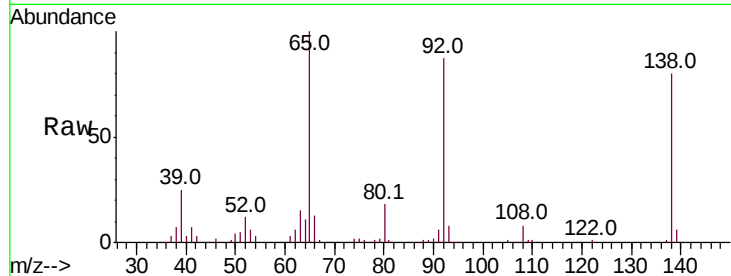
#53  
3-Nitroaniline  
Concen: 41.105 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 8.7   | 13.1  |
| 92      | 108.7 | 97.0  | 145.4 |

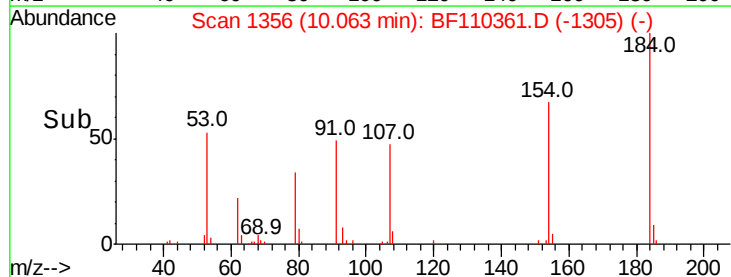
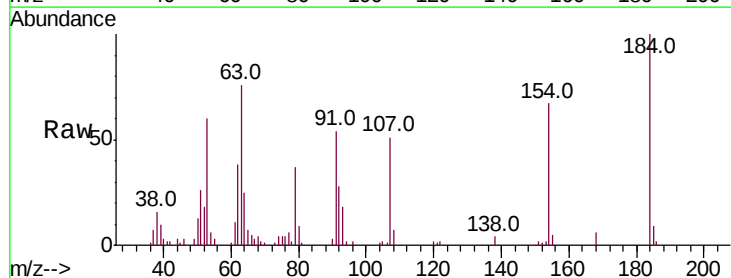
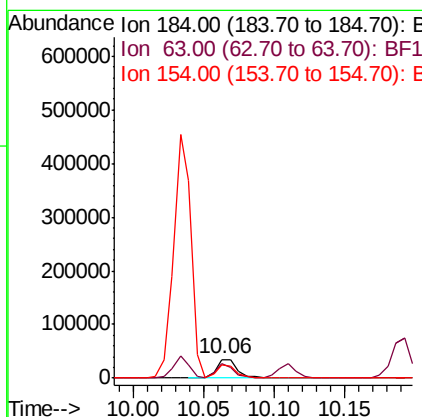
Manual Integrations  
APPROVED

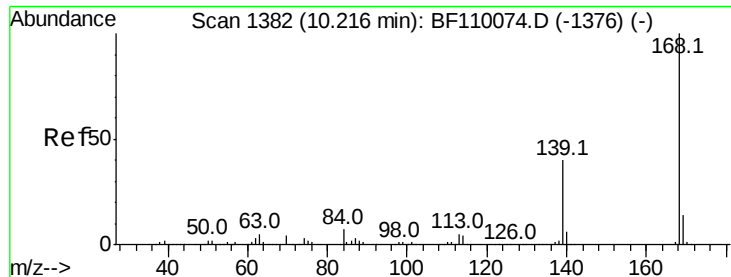
Sohil  
11/2/2018 2:48:43 PM



#54  
2,4-Dinitrophenol  
Concen: 39.803 ng  
RT: 10.06 min Scan# 1356  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 75.7  | 55.8  | 83.6  |
| 154     | 67.1  | 63.2  | 94.8  |





#55

Dibenzenofuran

Concen: 41.109 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 578488

Ion Ratio Lower Upper

168 100

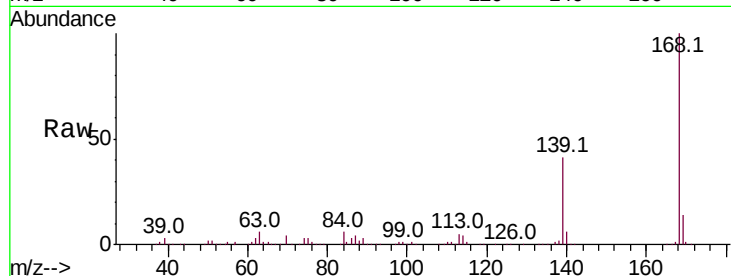
139 40.9 33.0 49.6

169 13.6 11.3 16.9

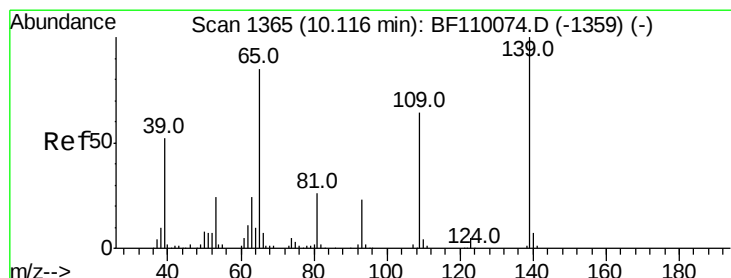
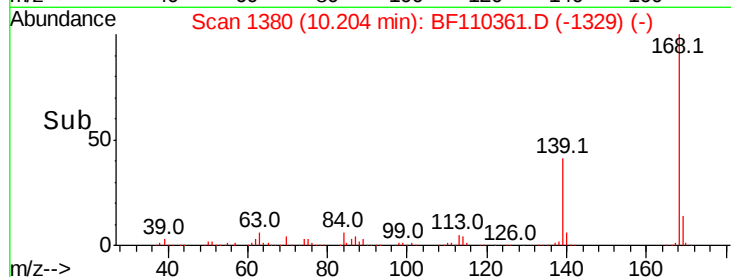
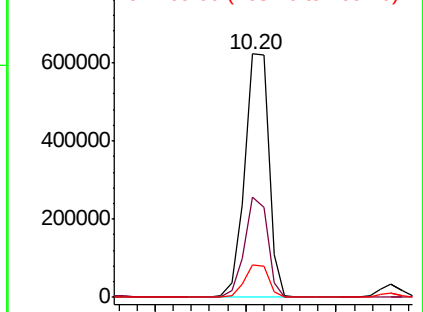
Manual Integrations  
APPROVED

Sohil

11/2/2018 2:48:43 PM



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



#56

4-Nitrophenol

Concen: 38.275 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

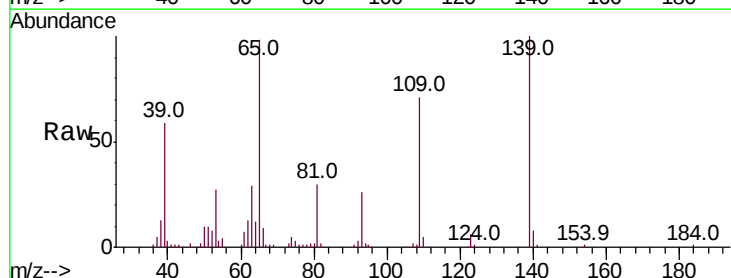
Tgt Ion:139 Resp: 84943

Ion Ratio Lower Upper

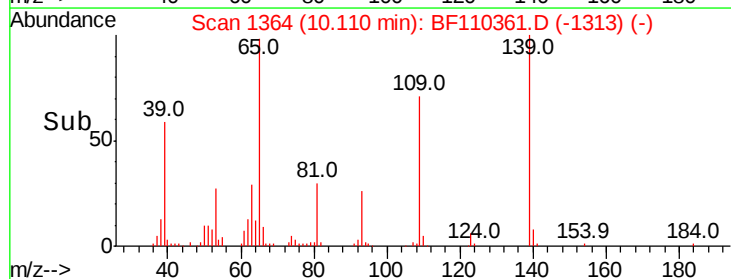
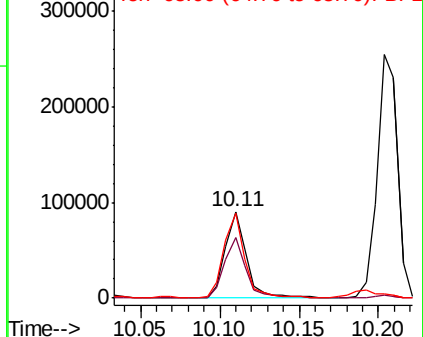
139 100

109 70.6 55.8 95.8

65 97.9 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 44.227 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 141647  
Ion Ratio Lower Upper

165 100

63 41.0 44.8 67.2#

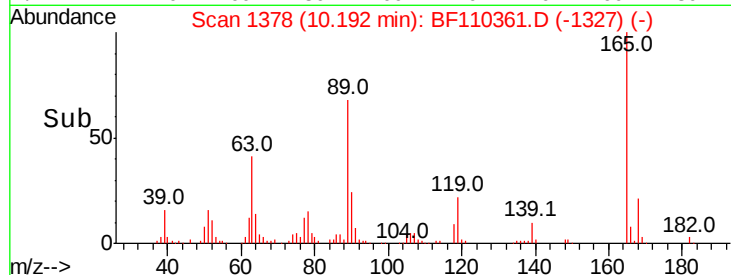
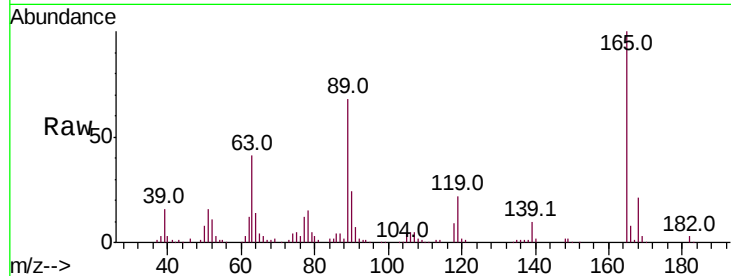
89 67.8 62.2 93.4

182 2.5 2.1 3.1

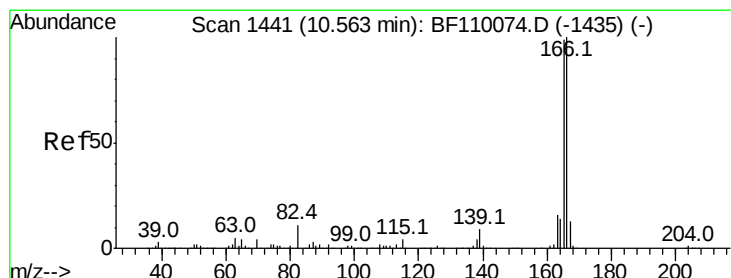
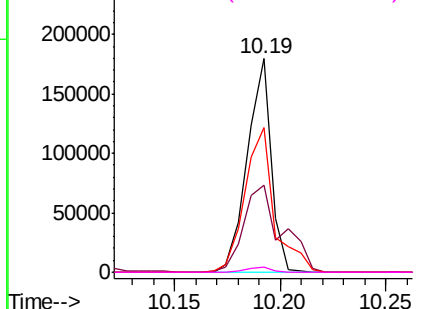
Manual Integrations  
APPROVED

Sohil

11/2/2018 2:48:43 PM



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.418 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF110361.D

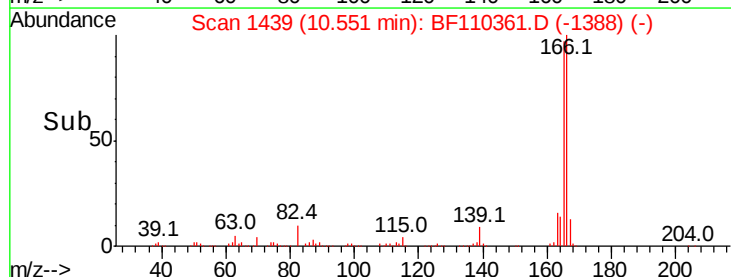
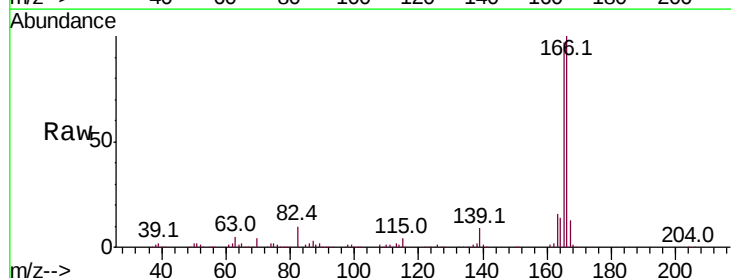
Acq: 1 Nov 2018 11:37

Tgt Ion:166 Resp: 433777  
Ion Ratio Lower Upper

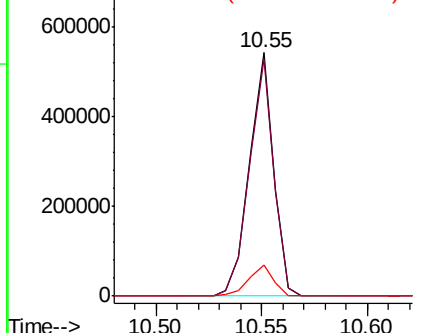
166 100

165 97.3 78.6 117.8

167 12.7 10.8 16.2



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.980 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 109774

Ion Ratio Lower Upper

232 100

131 43.4 37.0 55.4

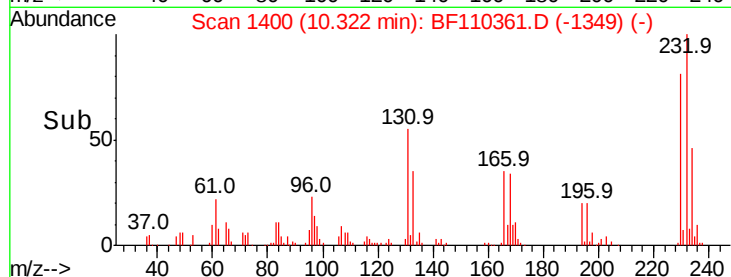
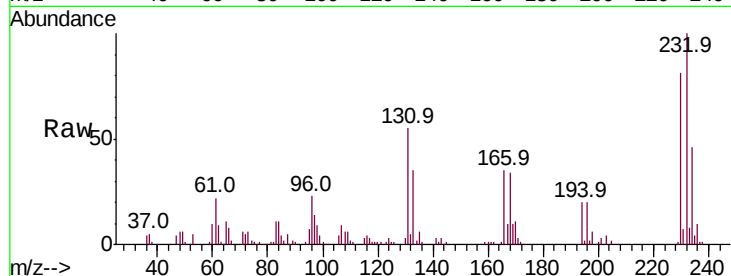
130 2.4 1.8 2.6

166 26.9 22.0 33.0

Manual Integrations  
APPROVED

Sohil

11/2/2018 2:48:43 PM



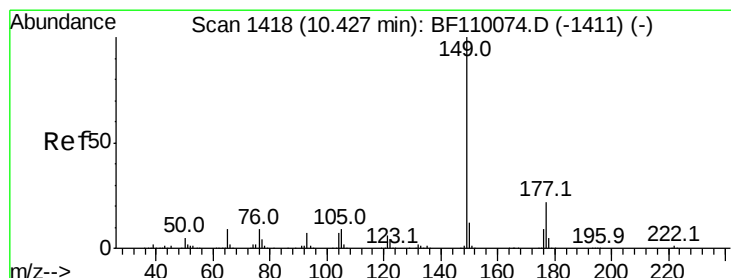
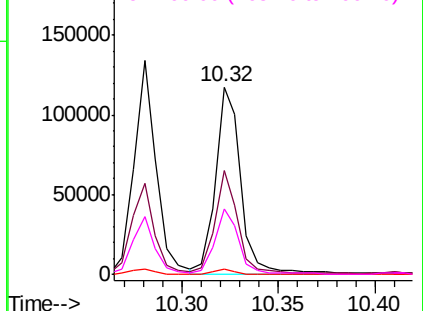
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.575 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

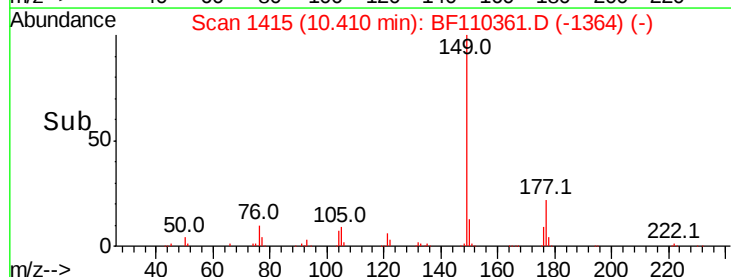
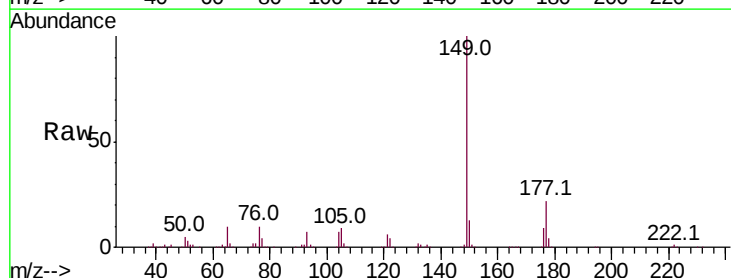
Tgt Ion:149 Resp: 475064

Ion Ratio Lower Upper

149 100

177 21.7 17.4 26.2

150 12.6 9.8 14.8

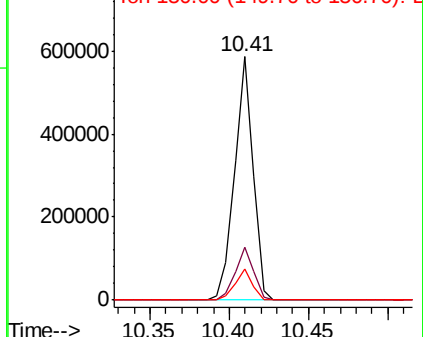


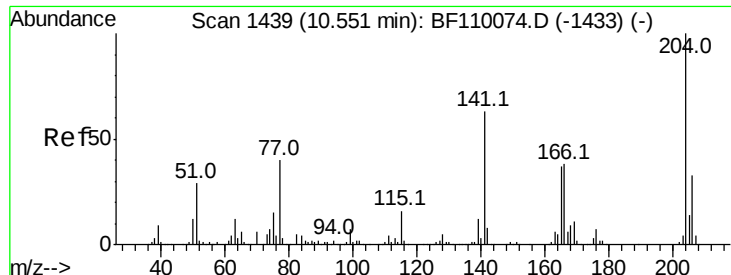
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





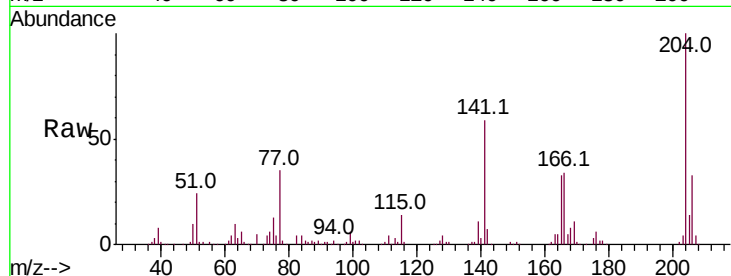
#61  
4-Chlorophenyl-phenylether  
Concen: 41.685 ng  
RT: 10.54 min Scan# 1437  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 26.5  | 39.7  |
| 141     | 58.9  | 51.8  | 77.8  |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM

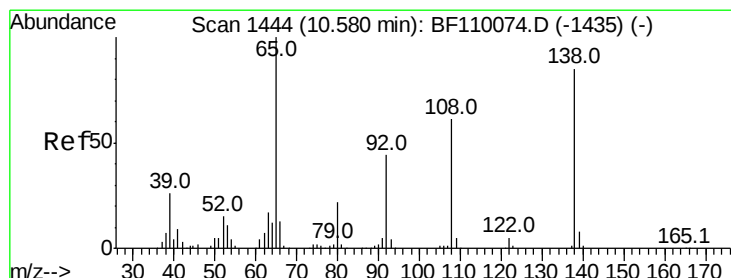
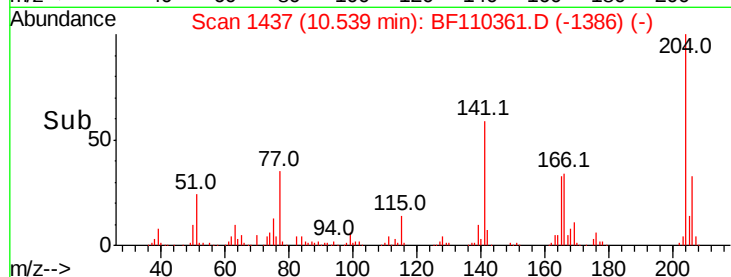
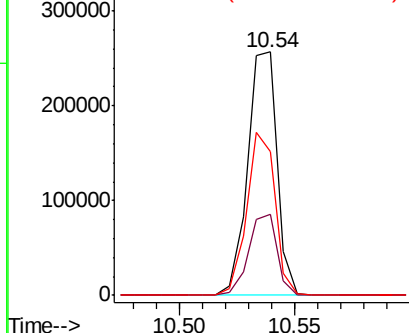


Abundance

Ion 204.00 (203.70 to 204.70): E

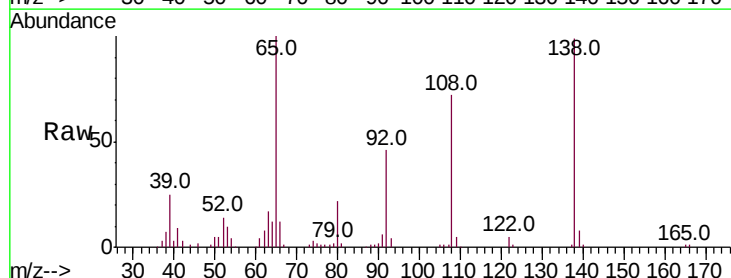
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 40.683 ng  
RT: 10.57 min Scan# 1443  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.1  | 31.7  | 71.7  |
| 108     | 72.8  | 59.3  | 99.3  |

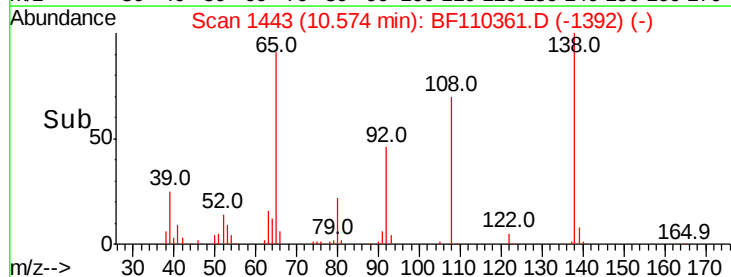
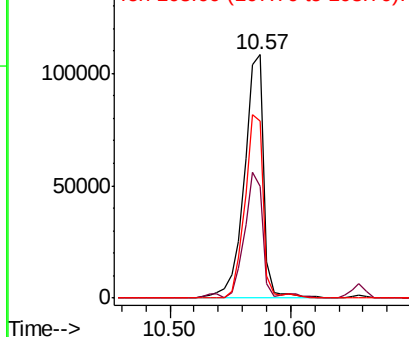


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





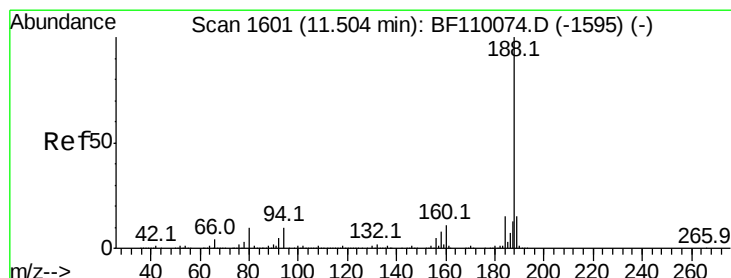
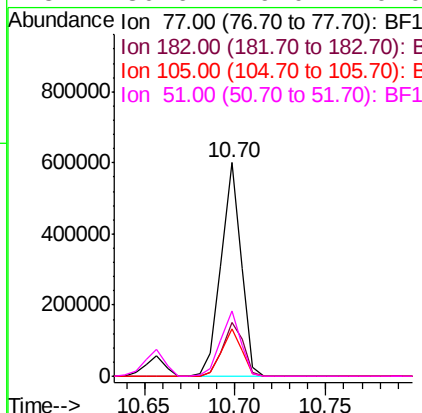
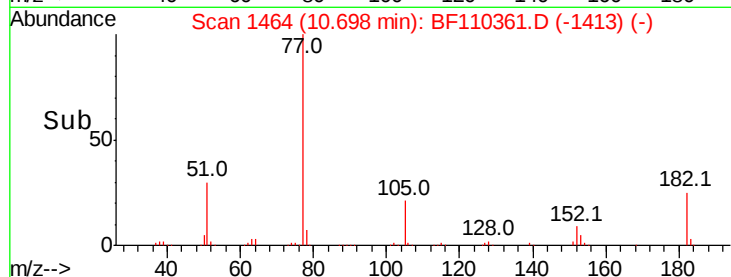
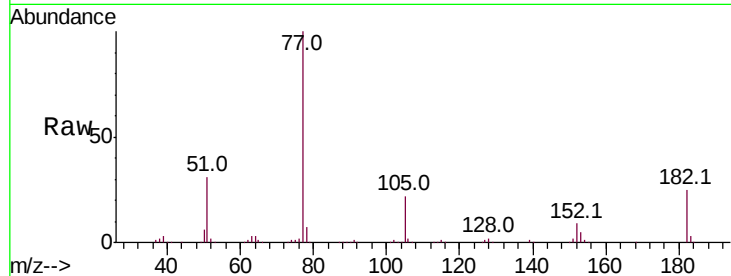
#63  
Azobenzene  
Concen: 40.794 ng  
RT: 10.70 min Scan# 1464  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.9  | 4.3   | 44.3  |
| 105     | 22.0  | 1.3   | 41.3  |
| 51      | 30.6  | 9.0   | 49.0  |

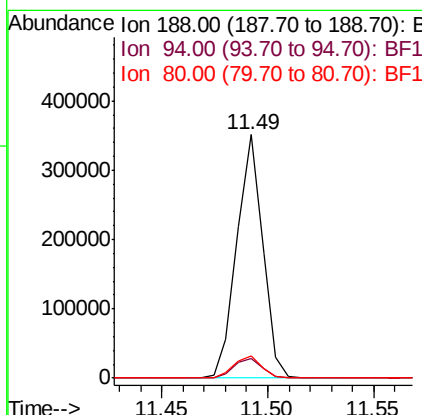
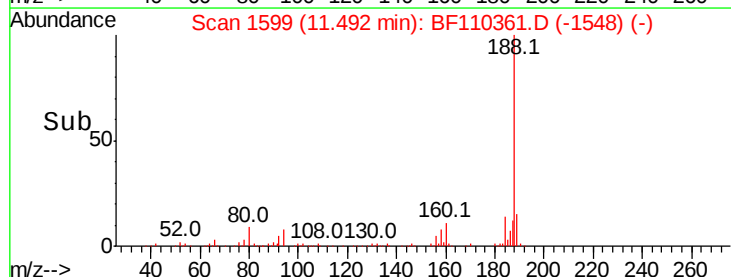
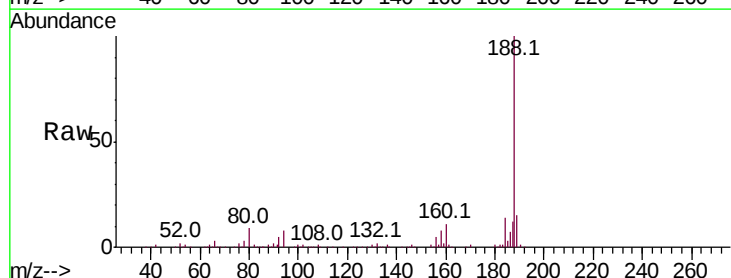
Manual Integrations  
APPROVED

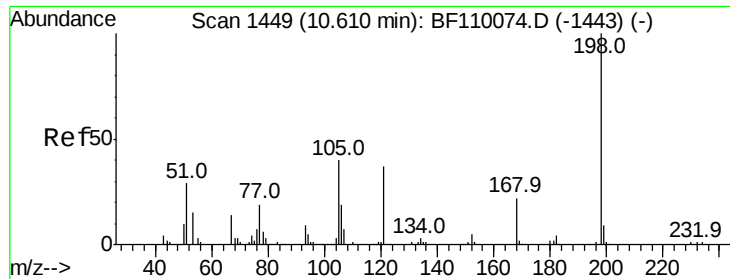
Sohil  
11/2/2018 2:48:43 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.49 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.2   | 7.2   | 10.8  |
| 80      | 9.1   | 7.9   | 11.9  |





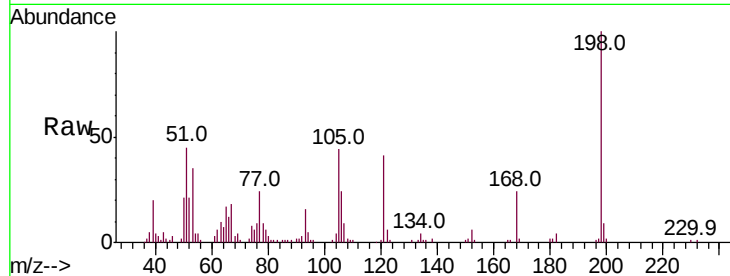
#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.386 ng  
RT: 10.60 min Scan# 1448  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 44.9  | 22.8  | 62.8  |
| 105     | 44.0  | 23.6  | 63.6  |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM

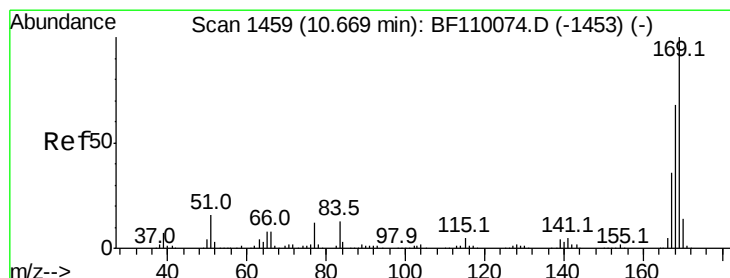
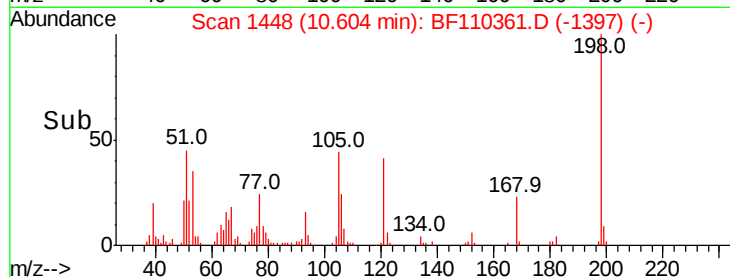
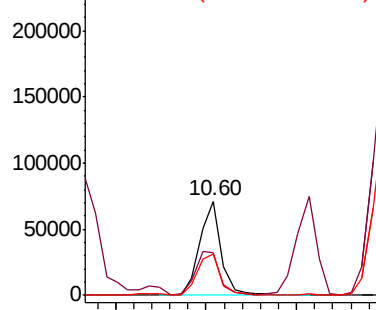


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 41.679 ng  
RT: 10.66 min Scan# 1457  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

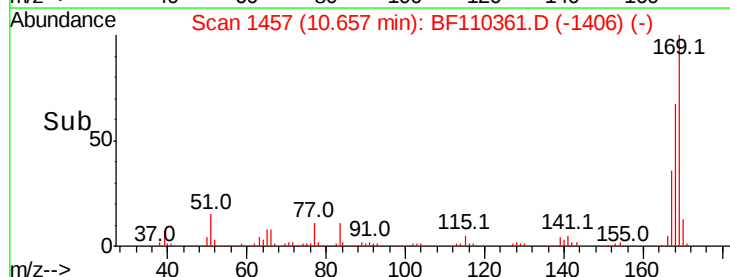
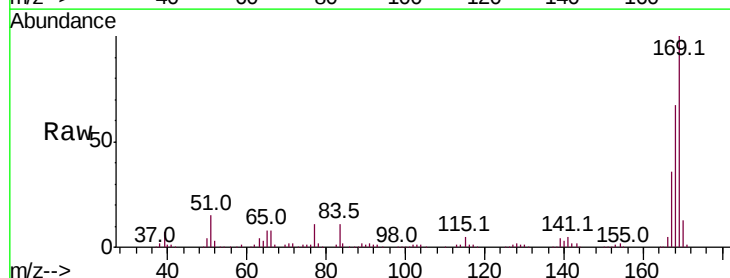
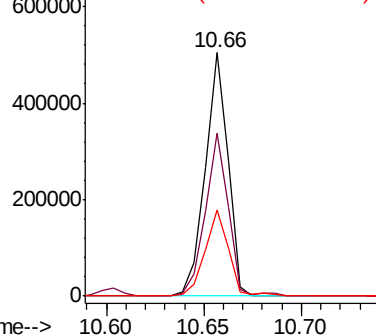
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.8  | 51.2  | 76.8  |
| 167     | 35.6  | 27.8  | 41.6  |

Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





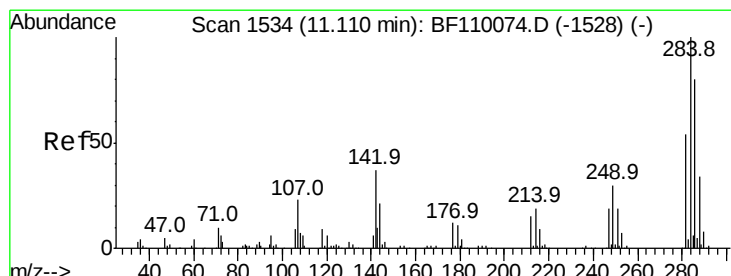
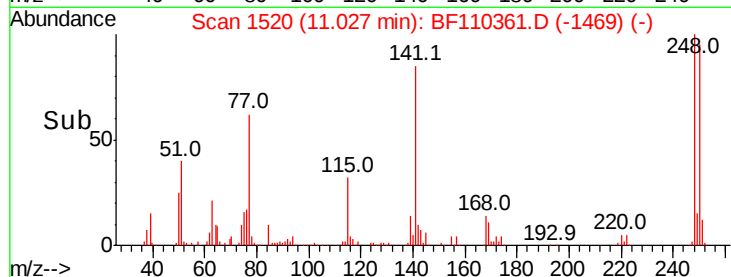
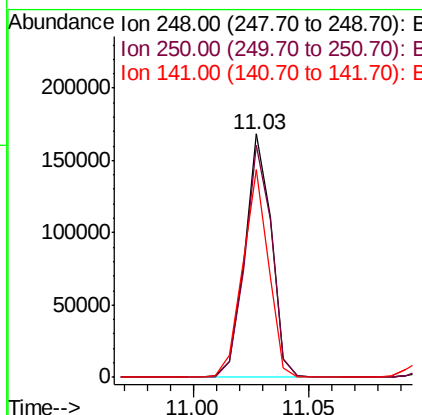
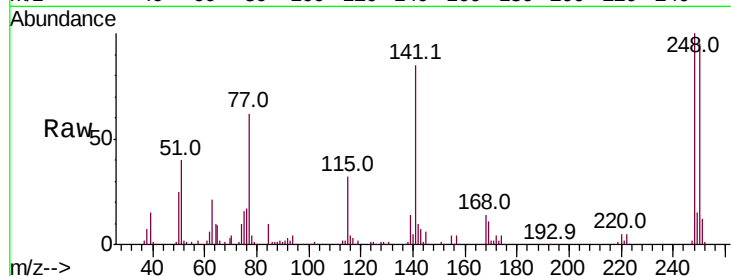
#67  
 4-Bromophenyl-phenylether  
 Concen: 41.763 ng  
 RT: 11.03 min Scan# 1520  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.4  | 79.4  | 119.2 |
| 141     | 85.2  | 55.9  | 83.9# |

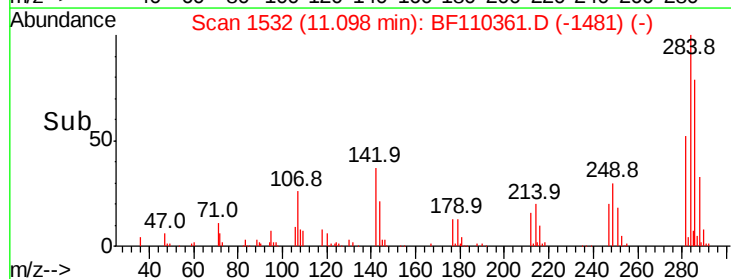
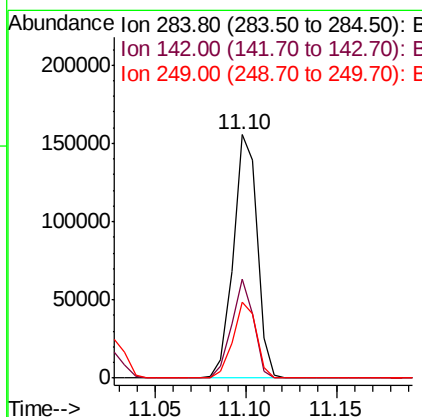
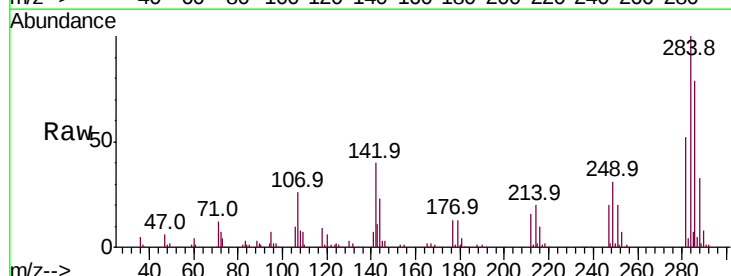
Manual Integrations  
 APPROVED

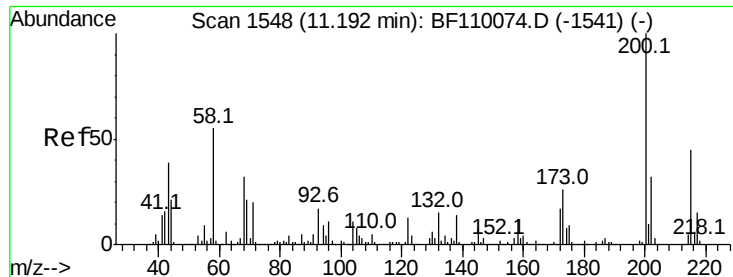
Sohil  
 11/2/2018 2:48:43 PM



#68  
 Hexachlorobenzene  
 Concen: 41.633 ng  
 RT: 11.10 min Scan# 1532  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 40.5  | 23.9  | 35.9# |
| 249     | 31.2  | 24.2  | 36.2  |





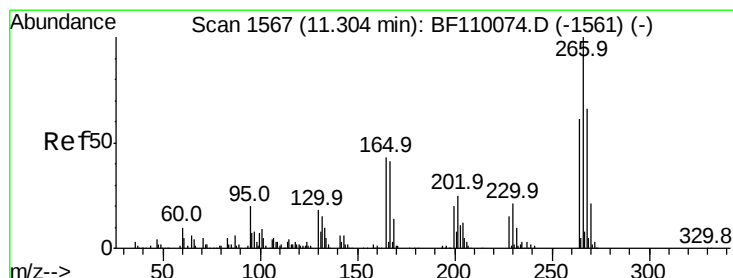
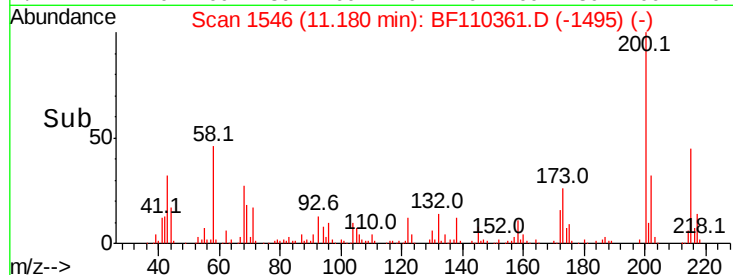
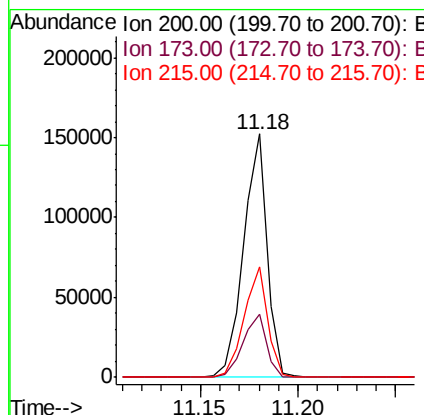
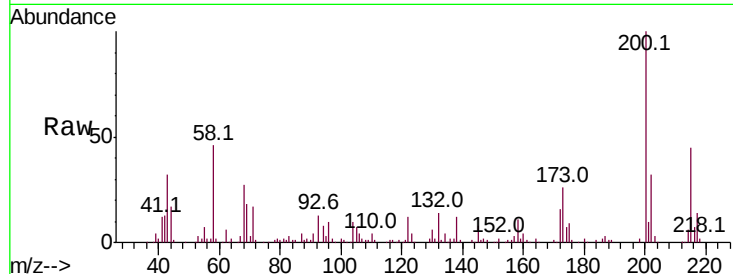
#69  
Atrazine  
Concen: 41.172 ng  
RT: 11.18 min Scan# 1546  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 26.2  | 6.6        | 46.6       |
| 215     | 45.1  | 26.3       | 66.3       |

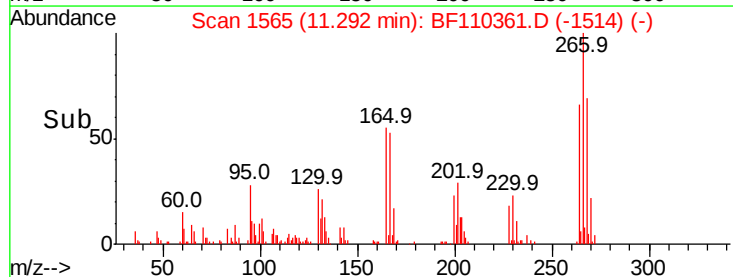
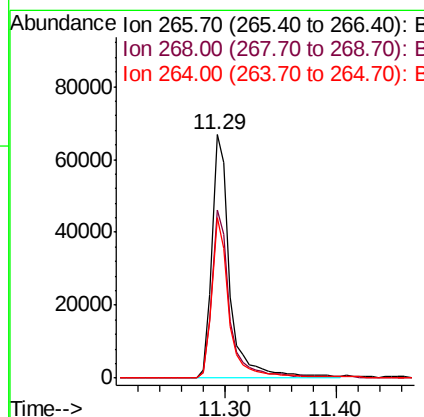
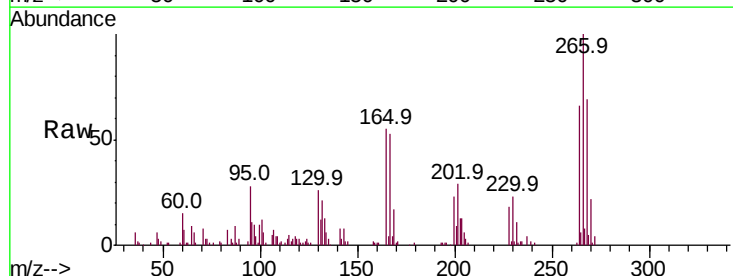
Manual Integrations  
APPROVED

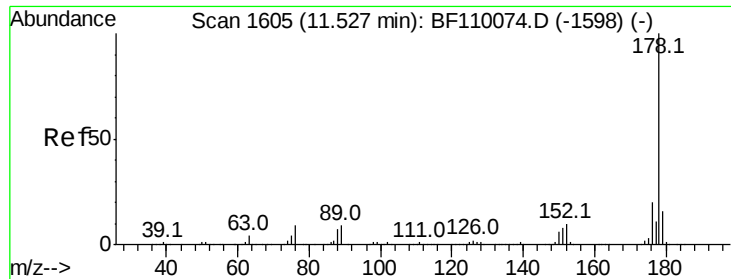
Sohil  
11/2/2018 2:48:43 PM



#70  
Pentachlorophenol  
Concen: 37.134 ng  
RT: 11.29 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 68.9  | 50.6       | 75.8       |
| 264     | 65.9  | 50.6       | 75.8       |





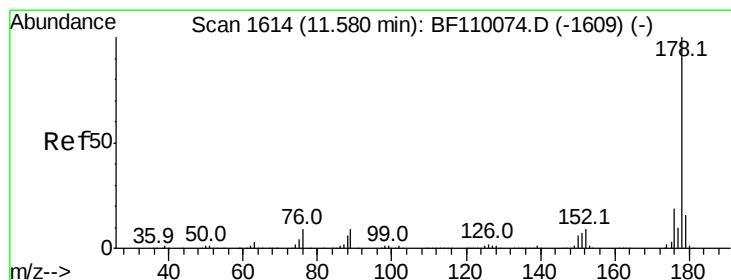
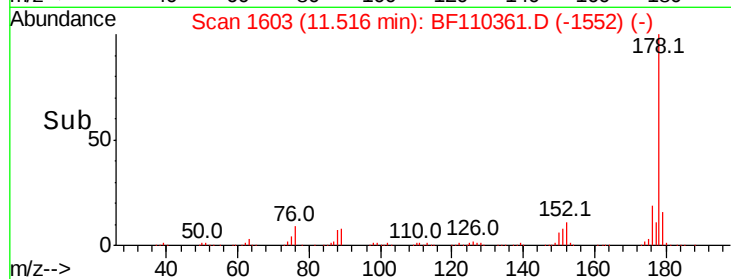
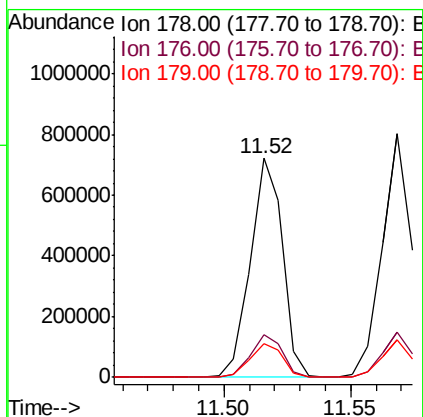
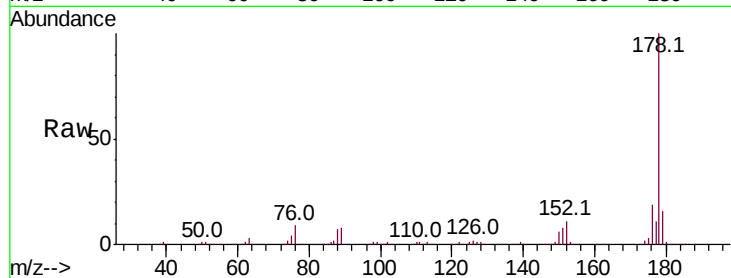
#71  
Phenanthrene  
Concen: 40.832 ng  
RT: 11.52 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.5  | 23.3  |
| 179     | 15.6  | 12.5  | 18.7  |

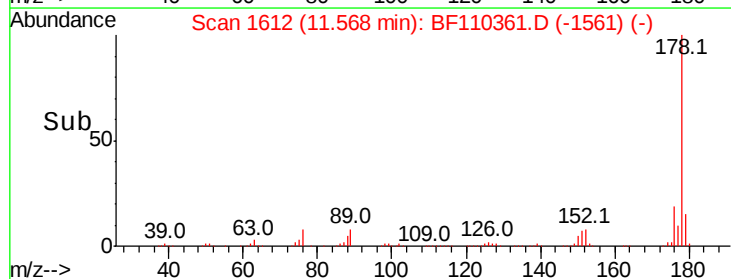
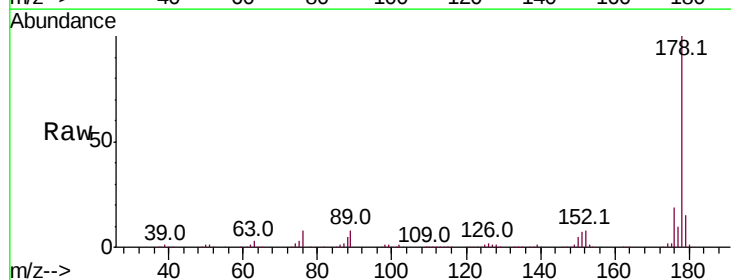
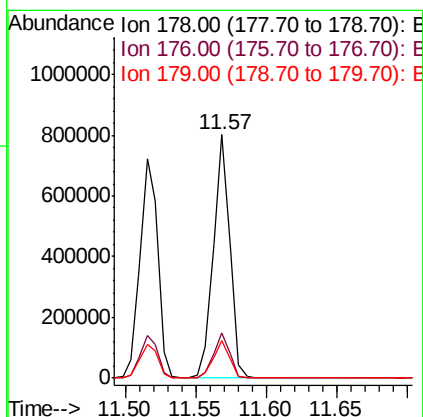
Manual Integrations  
APPROVED

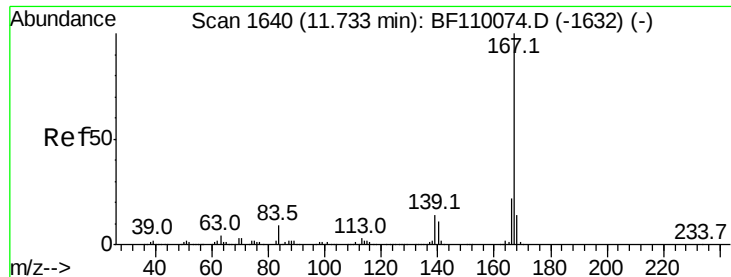
Sohil  
11/2/2018 2:48:43 PM



#72  
Anthracene  
Concen: 41.455 ng  
RT: 11.57 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.4  | 23.2  |
| 179     | 15.3  | 12.6  | 18.8  |





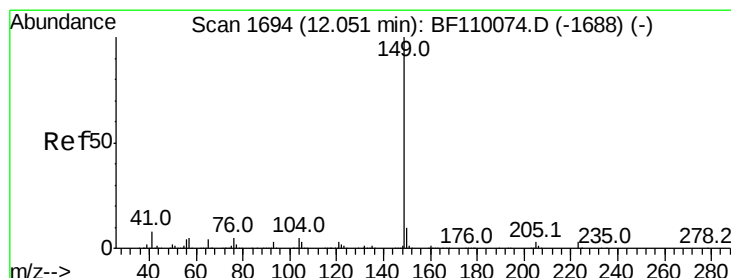
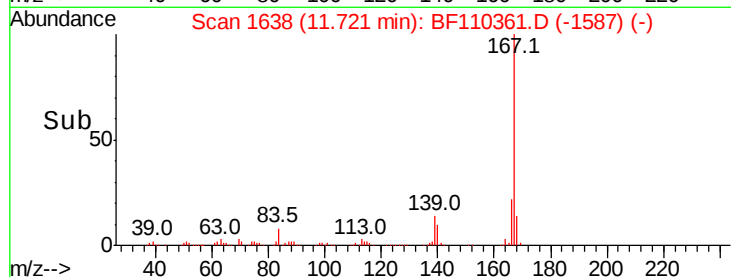
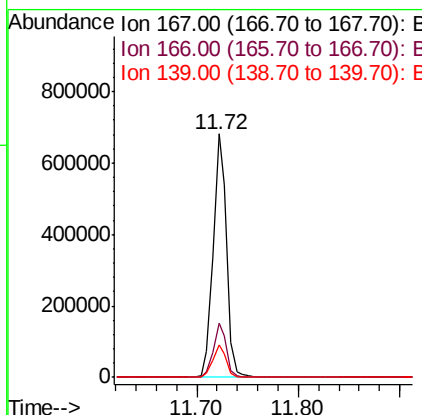
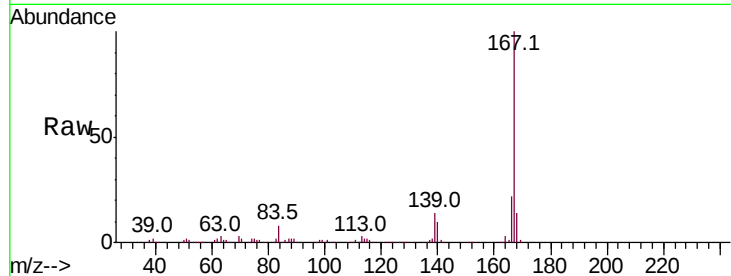
#73  
 Carbazole  
 Concen: 40.898 ng  
 RT: 11.72 min Scan# 1638  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|             |              |
|-------------|--------------|
| Tot Ion:167 | Resp: 623856 |
| Ion Ratio   | Lower Upper  |
| 167 100     |              |
| 166 22.1    | 17.4 26.0    |
| 139 13.6    | 10.9 16.3    |

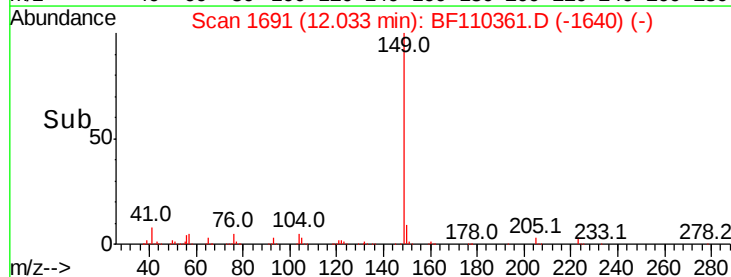
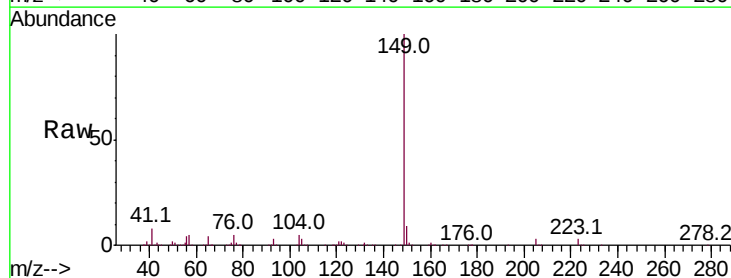
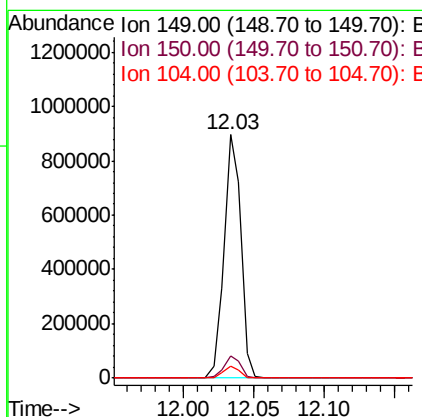
Manual Integrations  
 APPROVED

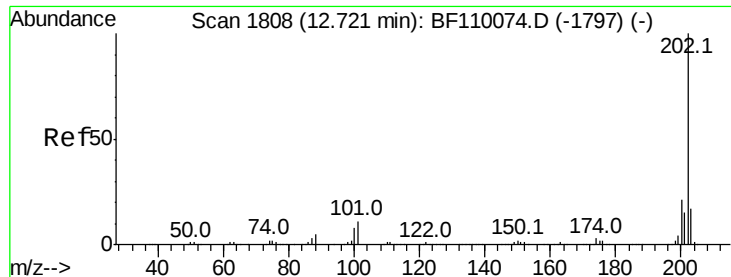
Sohil  
 11/2/2018 2:48:43 PM



#74  
 Di-n-butylphthalate  
 Concen: 42.954 ng  
 RT: 12.03 min Scan# 1691  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 740001 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 150 9.4     | 7.7 11.5     |
| 104 5.0     | 4.2 6.4      |





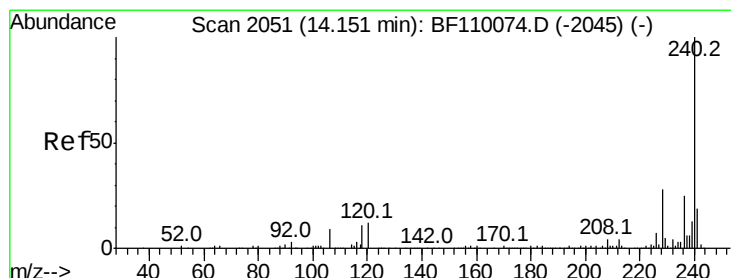
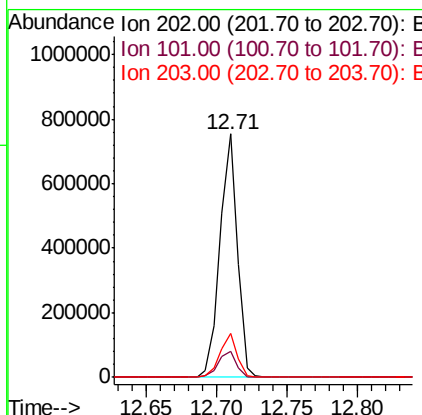
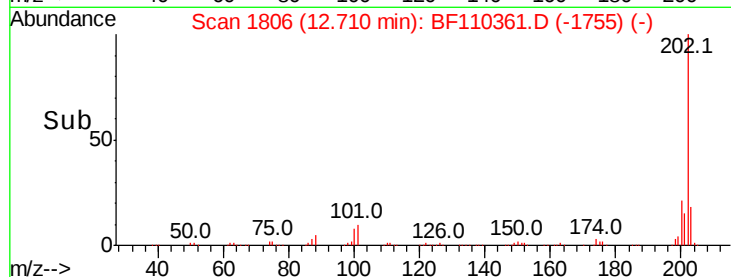
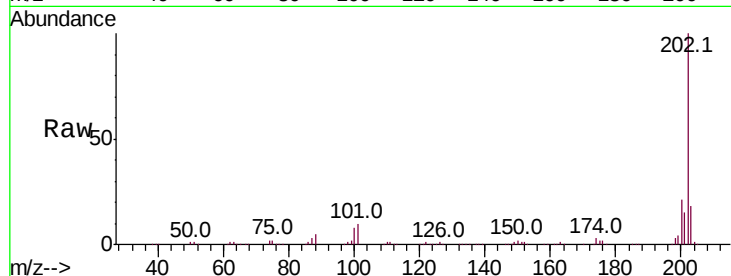
#75  
**Fluoranthene**  
 Concen: 41.026 ng  
 RT: 12.71 min Scan# 1806  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 10.5  | 0.0        | 31.4  |
| 203     | 17.9  | 0.0        | 37.7  |

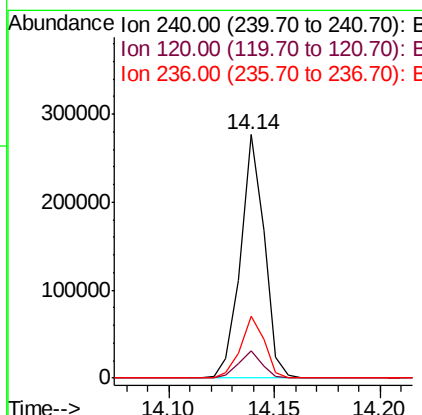
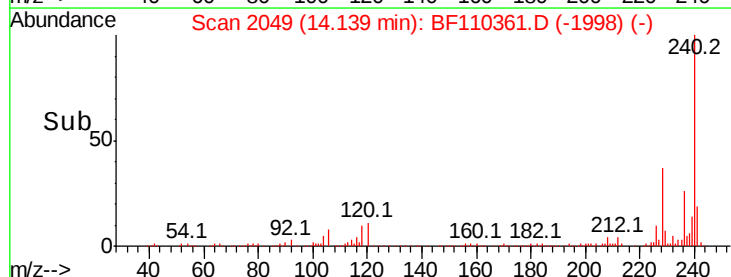
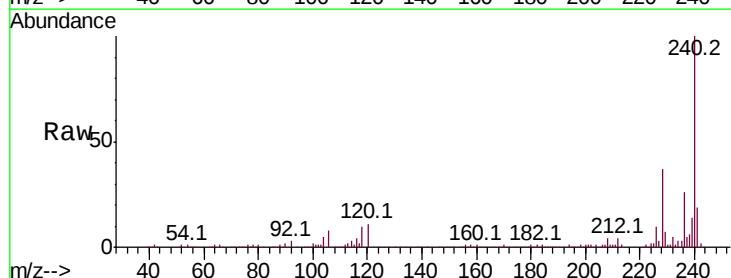
Manual Integrations  
 APPROVED

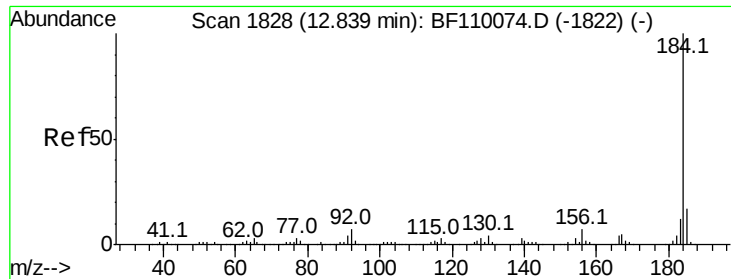
Sohil  
 11/2/2018 2:48:43 PM



#76  
**Chrysene-d12**  
 Concen: 20.000 ng  
 RT: 14.14 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 11.3  | 8.3        | 12.5  |
| 236     | 25.6  | 21.2       | 31.8  |





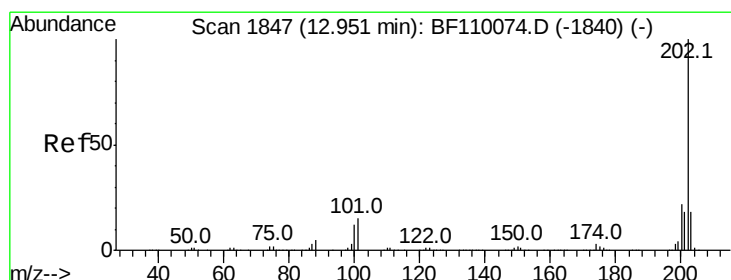
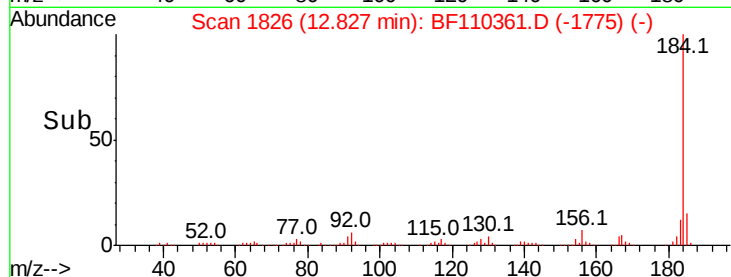
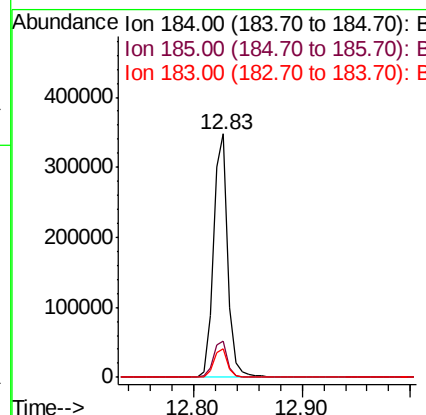
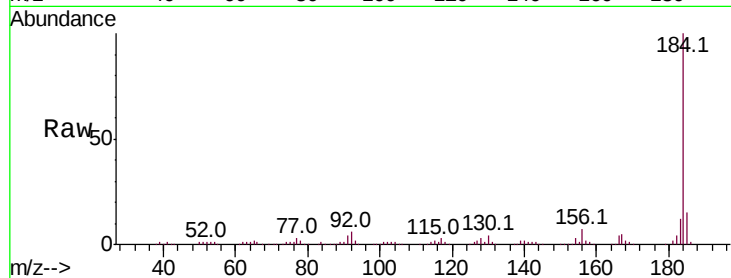
#77  
Benzidine  
Concen: Below Cal m  
RT: 12.83 min Scan# 1826  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.8  | 13.4  | 20.2  |
| 183     | 11.9  | 9.4   | 14.2  |

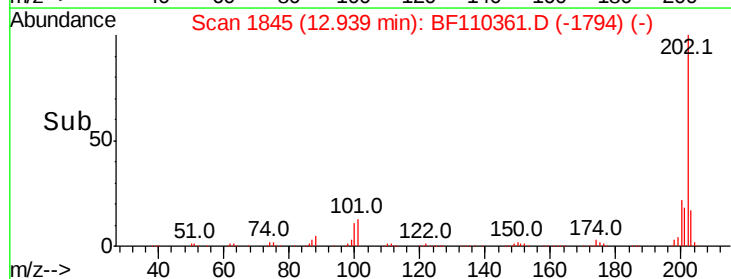
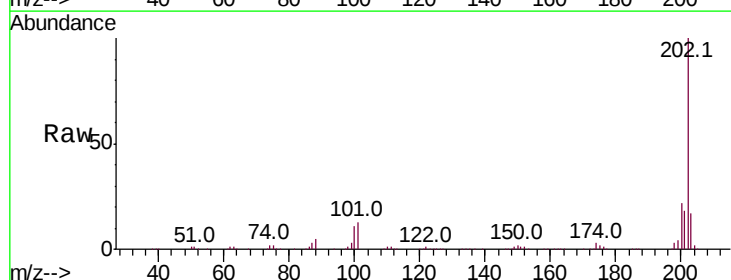
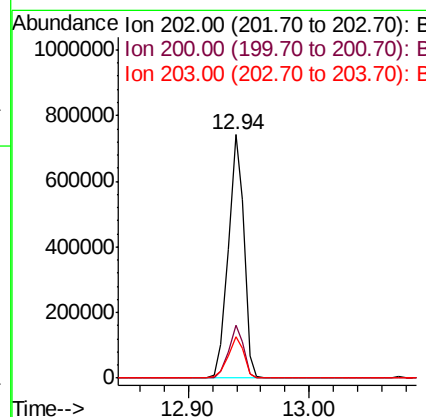
Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM



#78  
Pyrene  
Concen: 42.946 ng  
RT: 12.94 min Scan# 1845  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.6  | 17.8  | 26.6  |
| 203     | 17.2  | 14.2  | 21.4  |





#79

Terphenyl-d14

Concen: 88.858 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

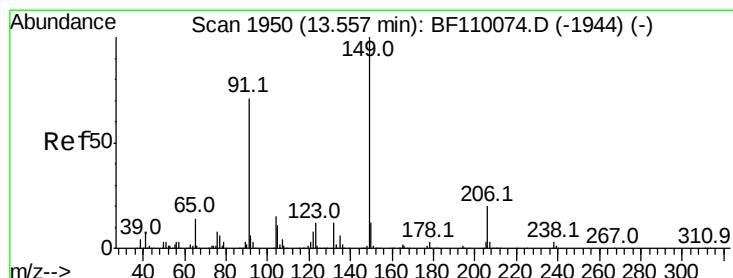
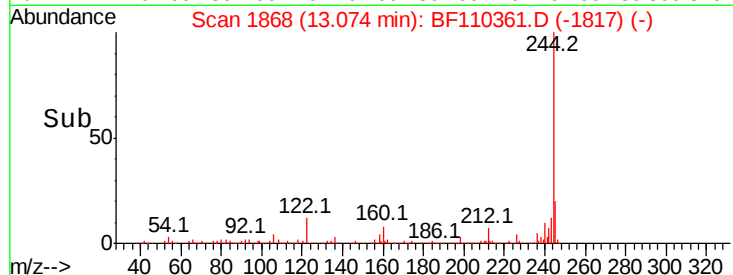
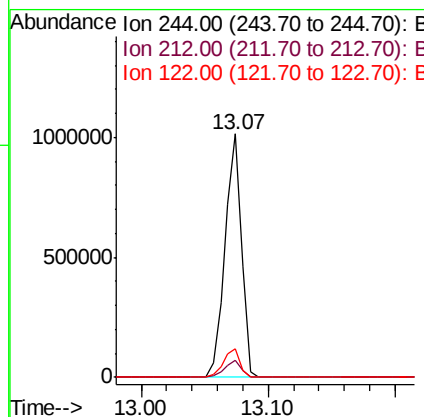
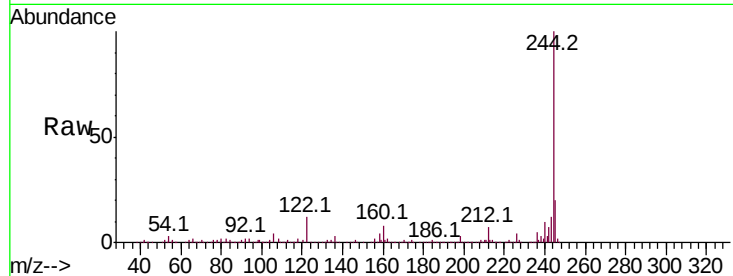
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 917248 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.0   | 5.8   | 8.8    |
| 122       | 12.0  | 8.7   | 13.1   |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM



#80

Butylbenzylphthalate

Concen: 43.780 ng

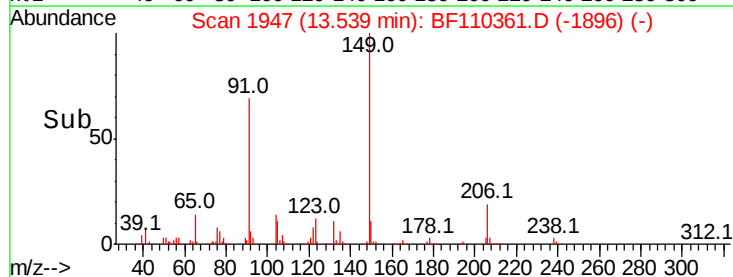
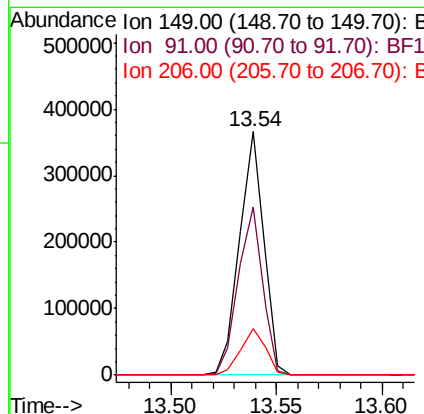
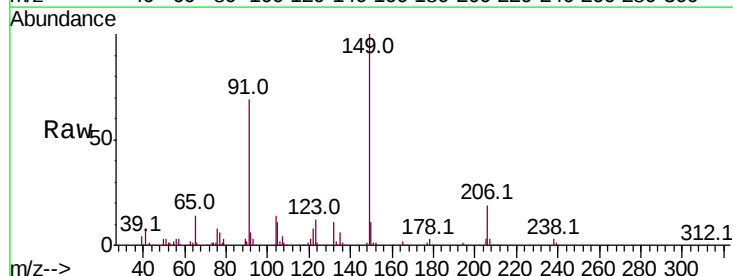
RT: 13.54 min Scan# 1947

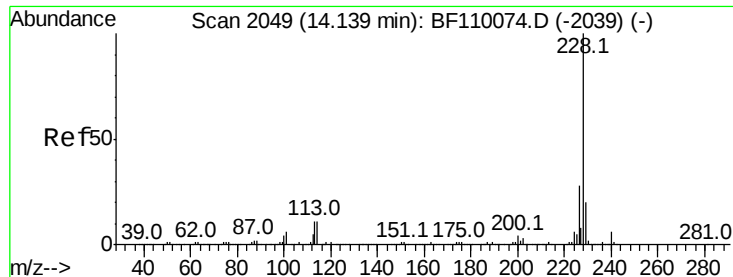
Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 292461 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 68.9  | 57.2  | 85.8   |
| 206       | 19.2  | 15.7  | 23.5   |





#81

Benzo(a)anthracene

Concen: 41.184 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

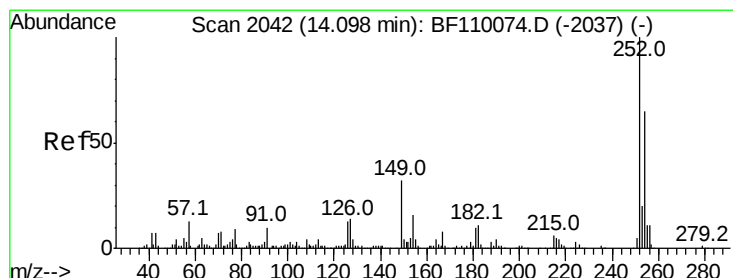
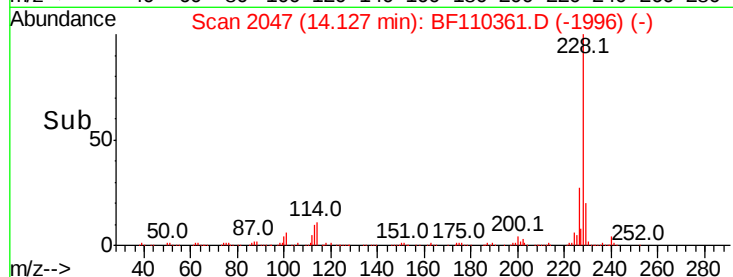
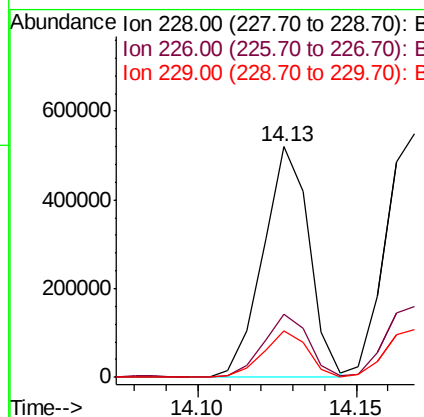
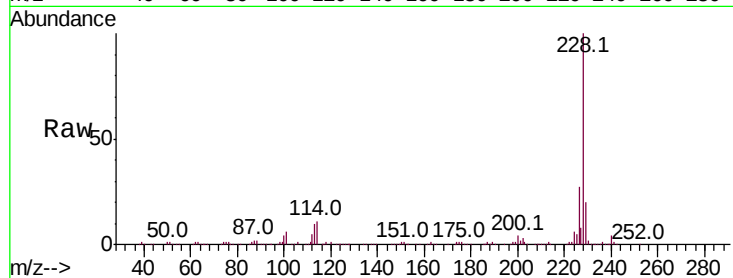
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 524315 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.2  | 22.1  | 33.1   |
| 229       | 20.0  | 15.6  | 23.4   |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM



#82

3,3'-Dichlorobenzidine

Concen: 40.560 ng

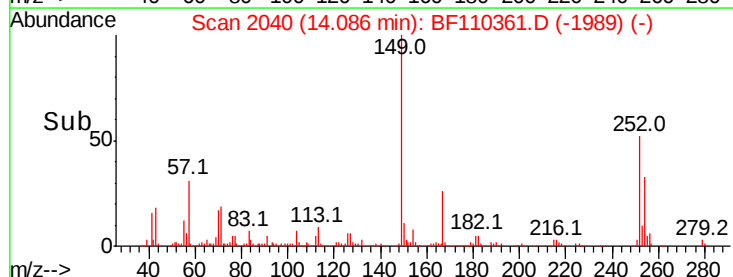
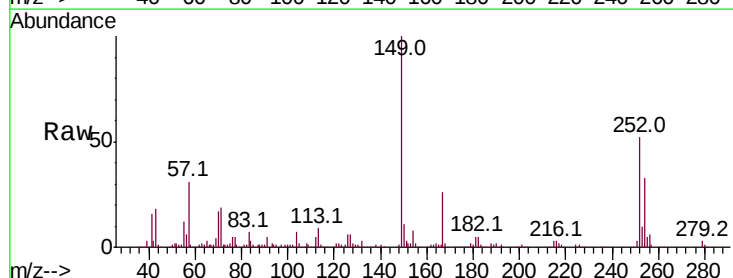
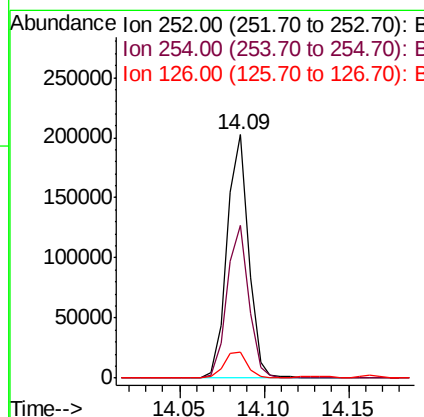
RT: 14.09 min Scan# 2040

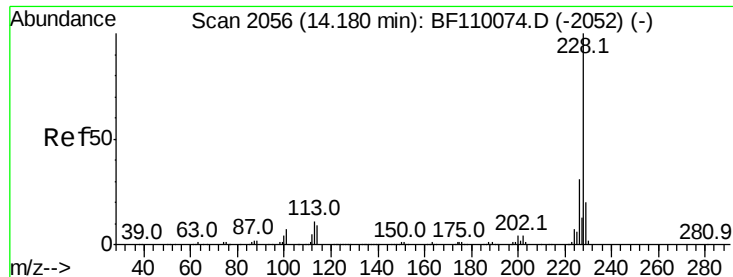
Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 179809 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 63.0  | 51.3  | 76.9   |
| 126       | 10.9  | 9.4   | 14.2   |





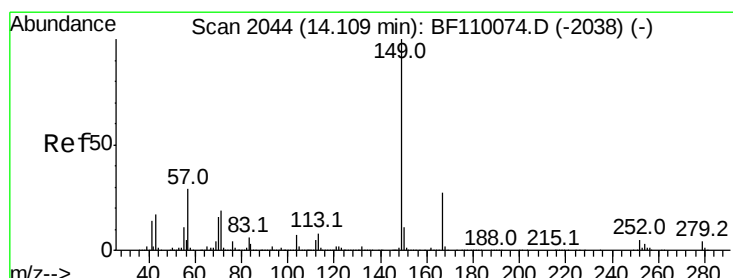
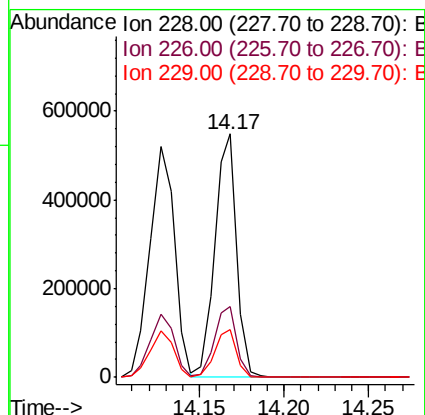
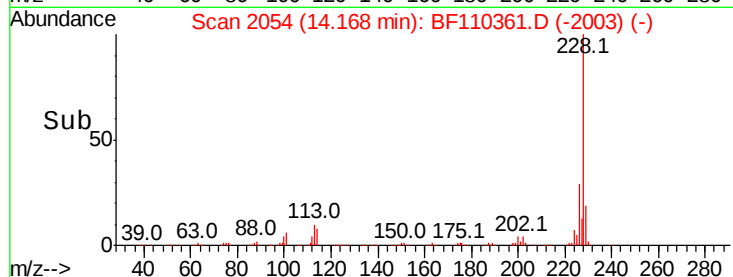
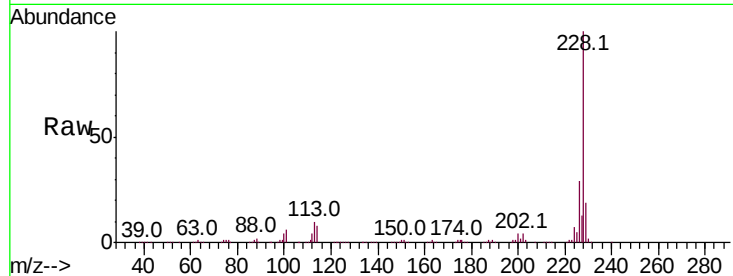
#83  
 Chrvsene  
 Concen: 40.922 ng  
 RT: 14.17 min Scan# 2054  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 494836 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.3  | 24.7  | 37.1   |
| 229       | 19.5  | 15.9  | 23.9   |

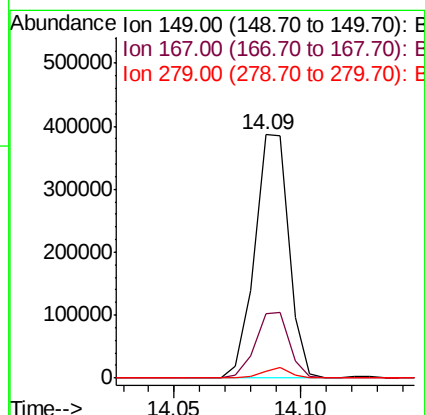
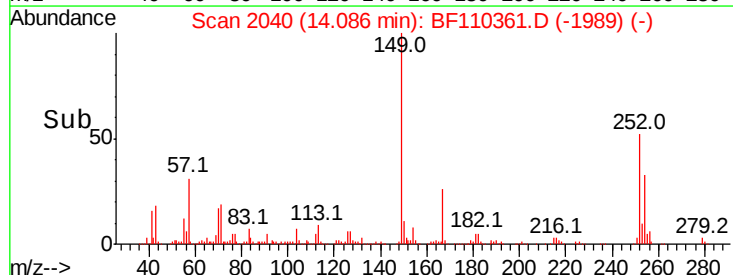
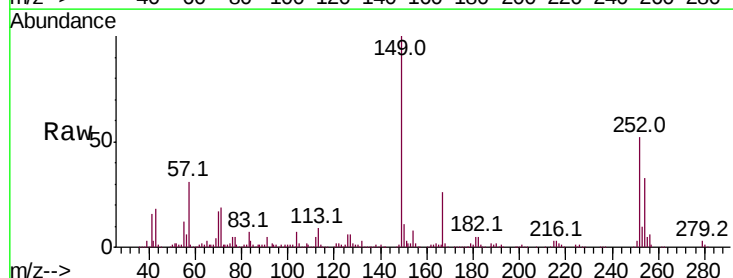
Manual Integrations  
 APPROVED

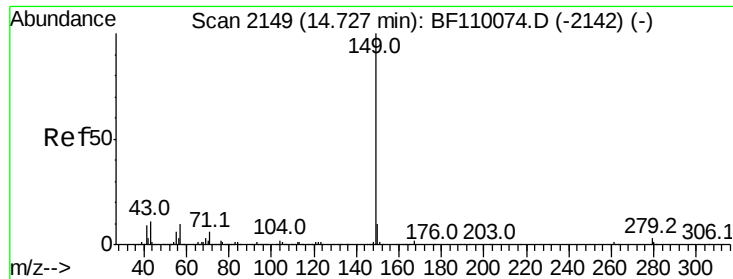
Sohil  
 11/2/2018 2:48:43 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.486 ng  
 RT: 14.09 min Scan# 2040  
 Delta R.T. 0.00 min  
 Lab File: BF110361.D  
 Acq: 1 Nov 2018 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 365600 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.2  | 19.8  | 29.8   |
| 279       | 3.0   | 2.7   | 4.1    |





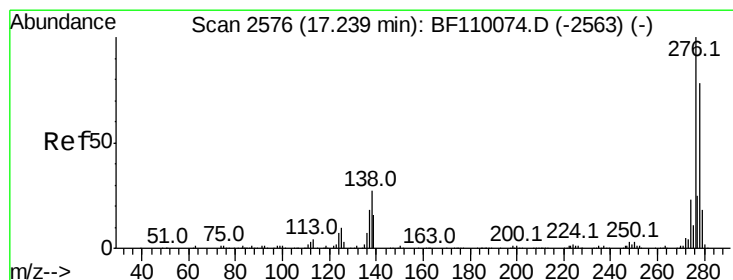
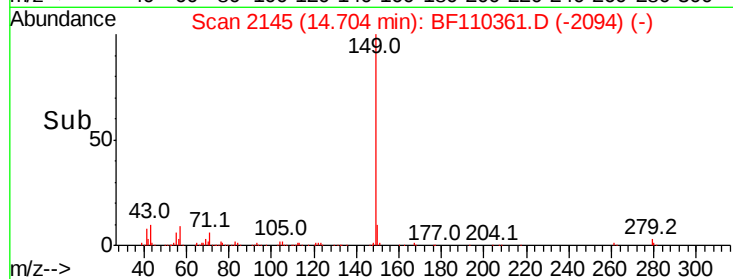
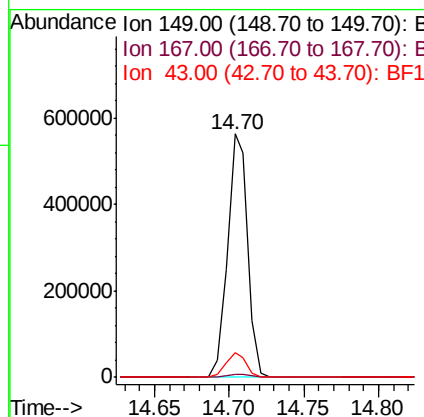
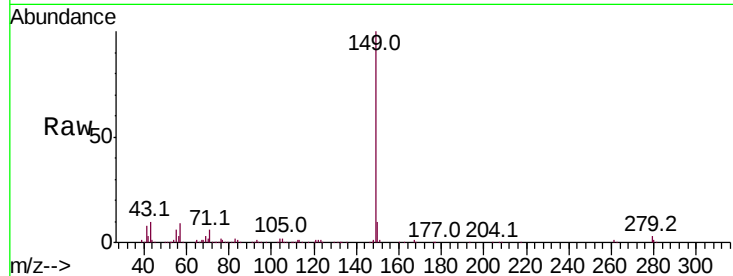
#85  
Di-n-octyl phthalate  
Concen: 38.199 ng  
RT: 14.70 min Scan# 2145  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 1.5   | 1.1  | 1.7   |       |
| 43      | 10.2  | 7.8  | 11.8  |       |

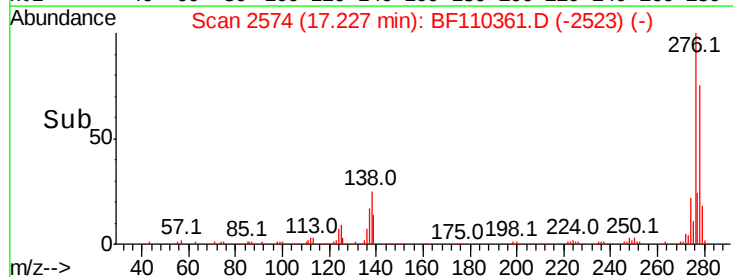
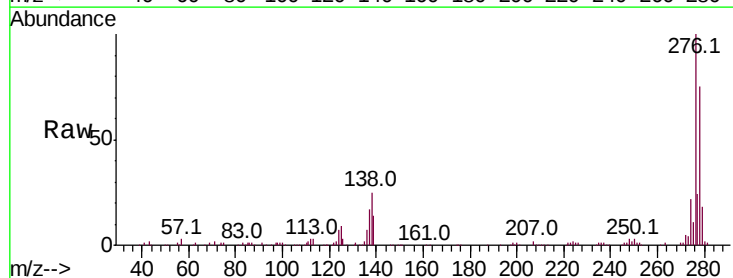
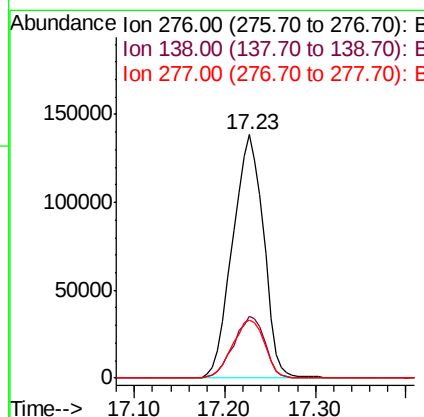
Manual Integrations  
APPROVED

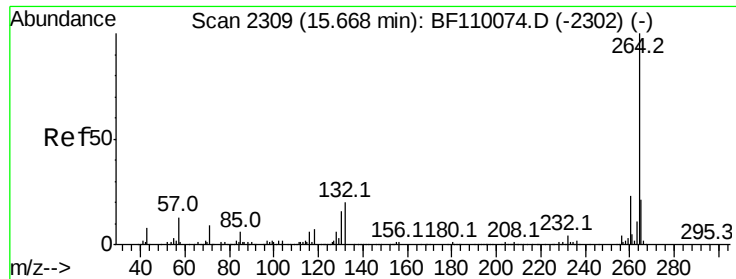
Sohil  
11/2/2018 2:48:43 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 32.765 ng  
RT: 17.23 min Scan# 2574  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 276     | 100   |      |       |       |
| 138     | 25.4  | 18.5 | 27.7  |       |
| 277     | 24.8  | 20.0 | 30.0  |       |





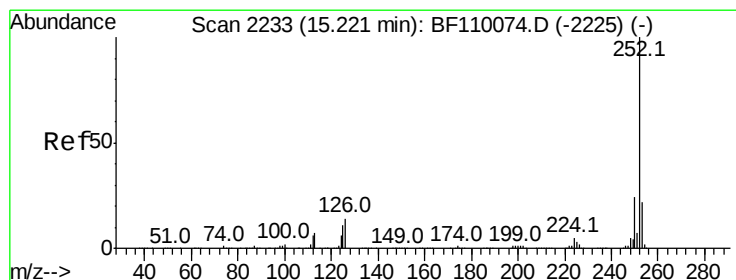
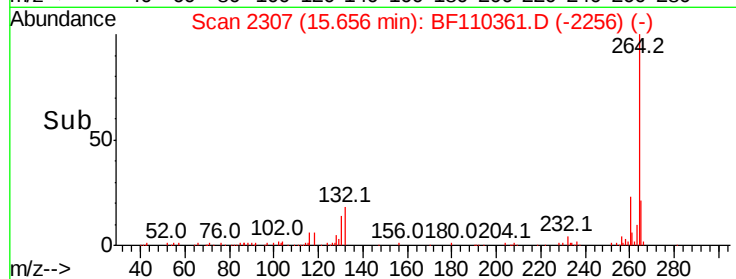
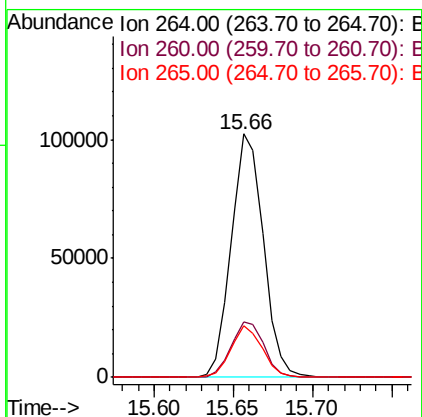
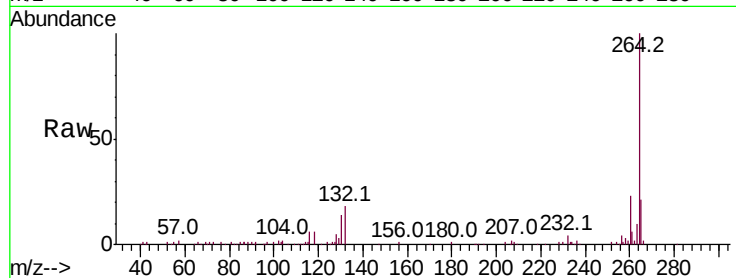
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.66 min Scan# 2307  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.9  | 18.7  | 28.1  |
| 265     | 21.0  | 16.7  | 25.1  |

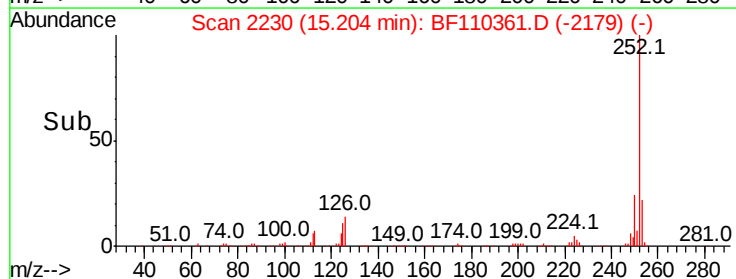
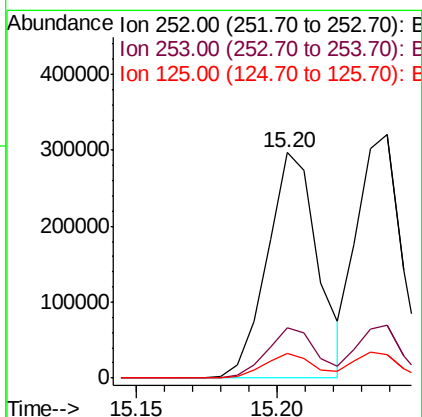
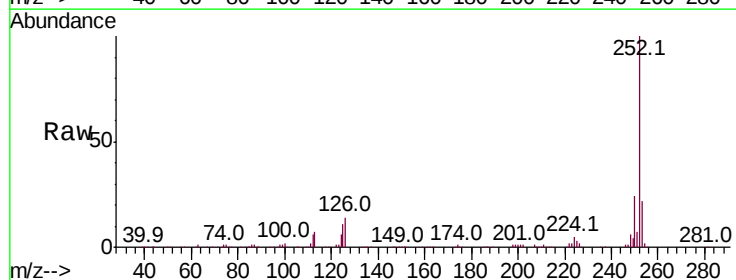
Manual Integrations  
APPROVED

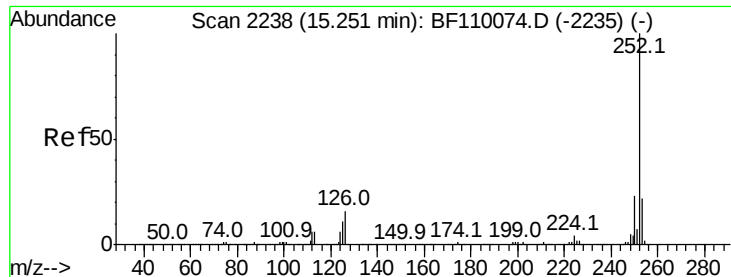
Sohil  
11/2/2018 2:48:43 PM



#88  
Benzo(b)fluoranthene  
Concen: 44.396 ng  
RT: 15.20 min Scan# 2230  
Delta R.T. 0.00 min  
Lab File: BF110361.D  
Acq: 1 Nov 2018 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.2  | 25.8  |
| 125     | 11.0  | 8.2   | 12.4  |





#89

Benzo(k)fluoranthene

Concen: 42.416 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

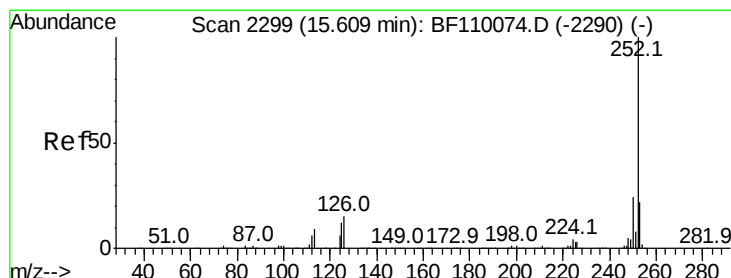
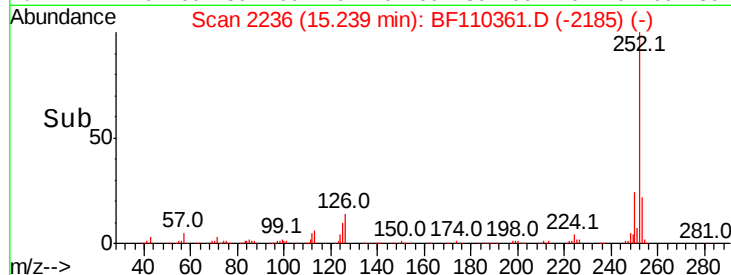
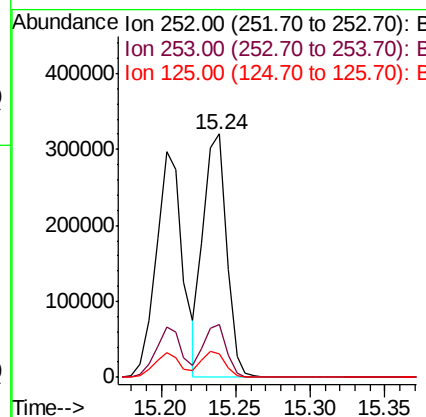
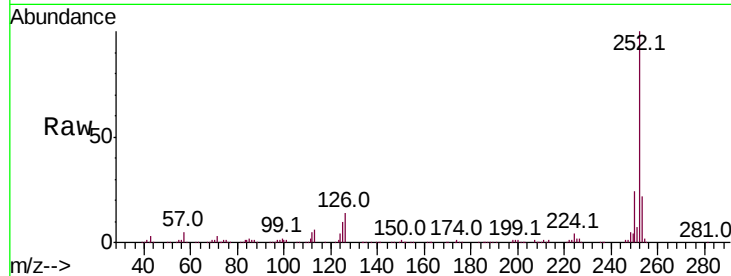
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 346166 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.8  | 17.2  | 25.8   |
| 125       | 9.7   | 7.4   | 11.0   |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM



#90

Benzo(a)pyrene

Concen: 41.898 ng

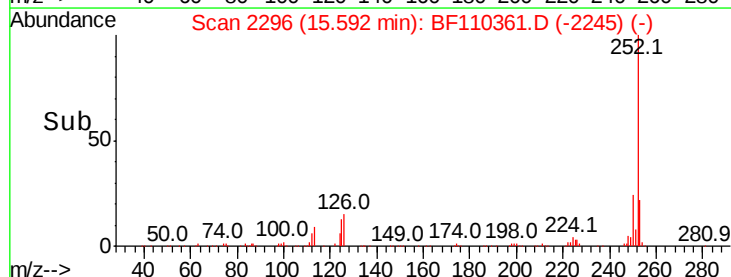
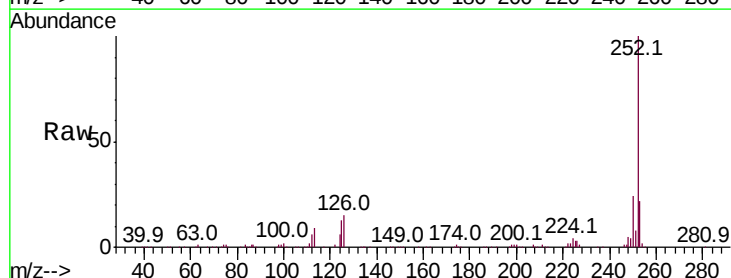
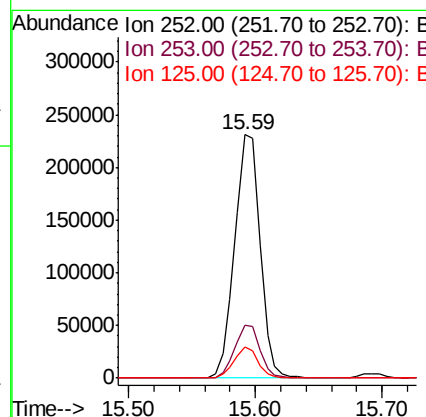
RT: 15.59 min Scan# 2296

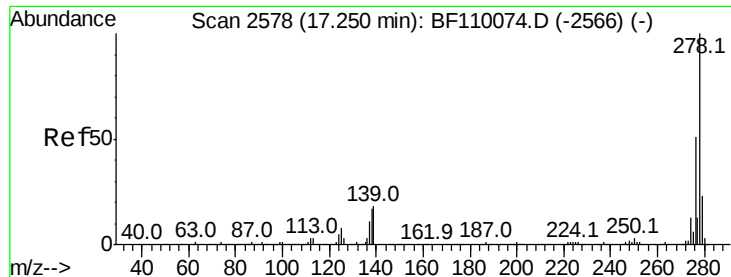
Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 320051 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 18.2  | 27.4   |
| 125       | 12.6  | 9.0   | 13.6   |





#91

Dibenzo(a,h)anthracene

Concen: 41.521 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

Instrument :

BNA\_F

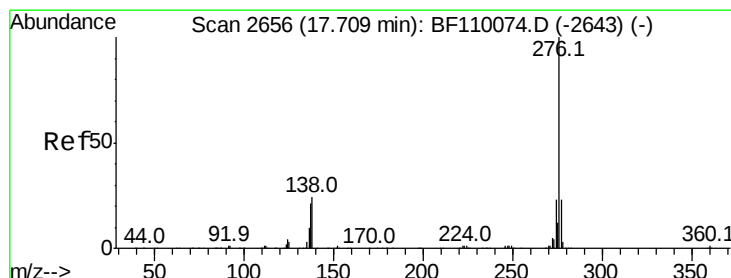
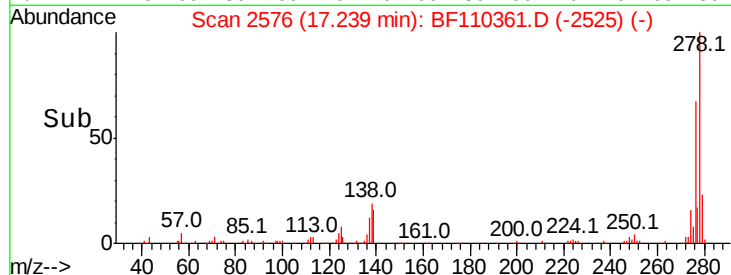
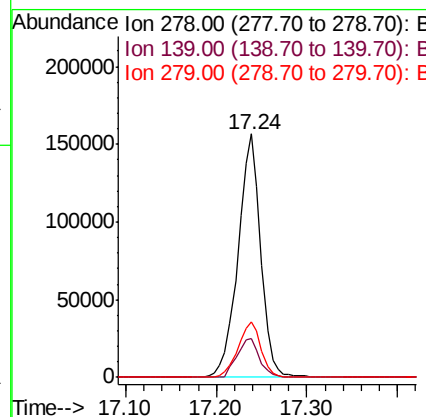
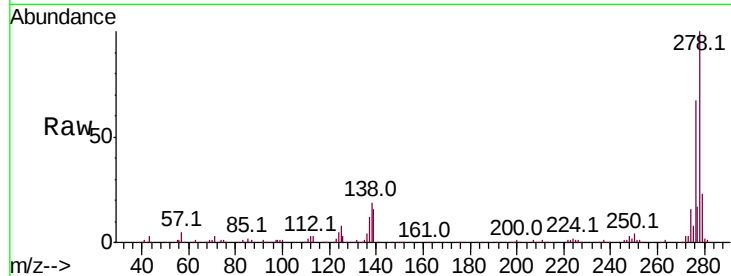
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 273669 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 16.0  | 12.7  | 19.1   |
| 279       | 23.0  | 19.0  | 28.4   |

Manual Integrations  
APPROVED

Sohil  
11/2/2018 2:48:43 PM



#92

Benzo(g,h,i)perylene

Concen: 42.108 ng

RT: 17.70 min Scan# 2655

Delta R.T. 0.00 min

Lab File: BF110361.D

Acq: 1 Nov 2018 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 273491 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.7  | 18.8  | 28.2   |
| 138       | 20.5  | 16.0  | 24.0   |

