

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\  
 Data File : BF098164.D  
 Acq On : 30 Aug 2017 19:11  
 Operator : SJ/JU  
 Sample : PB101906BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101906BS

Manual Integrations  
 APPROVED

Sohil  
 8/31/2017 7:12:05 PM

Quant Time: Aug 31 07:23:53 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 21 15:59:04 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.72  | 152  | 120186   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 8.00  | 136  | 491525   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 9.76  | 164  | 234562   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 11.24 | 188  | 461426   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 13.87 | 240  | 337564   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 15.28 | 264  | 258392   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.34  | 112 | 945102  | 119.61 | ng | -0.01 |
| 7) Phenol-d6             | 6.37  | 99  | 1275985 | 118.85 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.29  | 82  | 796170  | 87.99  | ng | -0.03 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 266632  | 131.01 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 9.09  | 172 | 1252925 | 78.48  | ng | -0.02 |
| 78) Terphenyl-d14        | 12.83 | 244 | 1120692 | 69.23  | ng | -0.02 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.48 | 88  | 143930 | 32.663 | ng | 89     |
| 3) Pyridine                    | 3.17 | 79  | 408335 | 33.520 | ng | 85     |
| 4) n-Nitrosodimethylamine      | 3.13 | 42  | 156716 | 33.434 | ng | # 74   |
| 6) Aniline                     | 6.39 | 93  | 309106 | 20.496 | ng | 96     |
| 8) 2-Chlorophenol              | 6.51 | 128 | 322024 | 38.645 | ng | 98     |
| 9) Benzaldehyde                | 6.27 | 77  | 129980 | 19.115 | ng | 90     |
| 10) Phenol                     | 6.38 | 94  | 459326 | 36.582 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.46 | 93  | 349502 | 36.880 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.66 | 146 | 320528 | 35.760 | ng | # 93   |
| 13) 1,4-Dichlorobenzene        | 6.74 | 146 | 326808 | 35.850 | ng | # 94   |
| 14) 1,2-Dichlorobenzene        | 6.89 | 146 | 300650 | 35.768 | ng | 100    |
| 15) Benzyl Alcohol             | 6.87 | 79  | 309370 | 38.490 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45  | 463265 | 36.333 | ng | 91     |
| 17) 2-Methylphenol             | 6.99 | 107 | 291452 | 39.690 | ng | 96     |
| 18) Hexachloroethane           | 7.23 | 117 | 132222 | 36.995 | ng | # 81   |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70  | 259806 | 35.352 | ng | 89     |
| 20) 3+4-Methylphenols          | 7.14 | 107 | 358738 | 39.997 | ng | 99     |
| 22) Acetophenone               | 7.13 | 105 | 466698 | 35.942 | ng | # 91   |
| 24) Nitrobenzene               | 7.31 | 77  | 402781 | 39.981 | ng | 96     |
| 25) Isophorone                 | 7.55 | 82  | 739046 | 39.282 | ng | 98     |
| 26) 2-Nitrophenol              | 7.62 | 139 | 166875 | 45.971 | ng | # 77   |
| 27) 2,4-Dimethylphenol         | 7.67 | 122 | 304642 | 38.826 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93  | 463181 | 37.447 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.87 | 162 | 261983 | 40.223 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 7.95 | 180 | 260415 | 36.067 | ng | 99     |
| 31) Naphthalene                | 8.03 | 128 | 928458 | 36.385 | ng | 100    |
| 32) Benzoic acid               | 7.80 | 122 | 167132 | 31.738 | ng | 87     |
| 33) 4-Chloroaniline            | 8.08 | 127 | 168986 | 15.702 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.15 | 225 | 149464 | 35.454 | ng | 98     |
| 35) Caprolactam                | 8.46 | 113 | 96213m | 43.451 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.57 | 107 | 325669 | 38.917 | ng | # 80   |
| 37) 2-Methylnaphthalene        | 8.72 | 142 | 624771 | 39.935 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.89 | 216 | 245198 | 34.062 | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 8.87 | 237 | 263459 | 76.182 | ng | 99     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\  
 Data File : BF098164.D  
 Acq On : 30 Aug 2017 19:11  
 Operator : SJ/JU  
 Sample : PB101906BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101906BS

Manual Integrations  
 APPROVED

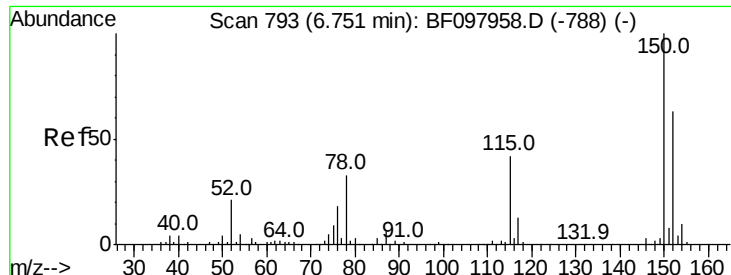
Sohil  
 8/31/2017 7:12:05 PM

Quant Time: Aug 31 07:23:53 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 21 15:59:04 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.00  | 196  | 183160   | 37.898 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.04  | 196  | 188893   | 39.397 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 9.19  | 154  | 733367   | 34.286 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 9.21  | 162  | 543742   | 34.404 | nq    | 93       |
| 47) 2-Nitroaniline             | 9.30  | 65   | 218325   | 41.207 | nq    | 94       |
| 48) Acenaphthylene             | 9.62  | 152  | 911608   | 36.731 | nq    | 99       |
| 49) Dimethylphthalate          | 9.49  | 163  | 673845   | 39.301 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.55  | 165  | 144135   | 42.114 | nq #  | 65       |
| 51) Acenaphthene               | 9.79  | 154  | 538232   | 34.386 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.72  | 138  | 93226    | 21.113 | nq    | 91       |
| 53) 2,4-Dinitrophenol          | 9.83  | 184  | 114054   | 71.318 | nq #  | 80       |
| 54) Dibenzofuran               | 9.97  | 168  | 807064   | 38.471 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.89  | 139  | 254261   | 72.184 | nq #  | 51       |
| 56) 2,4-Dinitrotoluene         | 9.96  | 165  | 189192   | 44.049 | nq #  | 60       |
| 57) Fluorene                   | 10.31 | 166  | 607116   | 37.432 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.09 | 232  | 156792   | 42.237 | nq    | 94       |
| 59) Diethylphthalate           | 10.19 | 149  | 689882   | 38.476 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.30 | 204  | 287054   | 38.096 | nq    | 90       |
| 61) 4-Nitroaniline             | 10.33 | 138  | 160699   | 38.291 | nq #  | 73       |
| 62) Azobenzene                 | 10.46 | 77   | 820470   | 38.523 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 83219    | 39.959 | nq #  | 82       |
| 65) n-Nitrosodiphenylamine     | 10.42 | 169  | 570023   | 36.277 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.79 | 248  | 178102   | 37.169 | nq    | 99       |
| 67) Hexachlorobenzene          | 10.86 | 284  | 174583   | 35.747 | nq    | 93       |
| 68) Atrazine                   | 10.95 | 200  | 174295   | 41.827 | nq    | 97       |
| 69) Pentachlorophenol          | 11.05 | 266  | 185262   | 65.059 | nq    | 99       |
| 70) Phenanthrene               | 11.27 | 178  | 896224   | 36.450 | nq    | 99       |
| 71) Anthracene                 | 11.32 | 178  | 928307   | 37.223 | nq    | 100      |
| 72) Carbazole                  | 11.47 | 167  | 876512   | 37.027 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.81 | 149  | 1098306  | 40.279 | nq    | 100      |
| 74) Fluoranthene               | 12.45 | 202  | 949570   | 37.000 | nq    | 99       |
| 76) Benzidine                  | 12.57 | 184  | 344444   | 31.121 | nq #  | 92       |
| 77) Pyrene                     | 12.68 | 202  | 971149   | 35.175 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.30 | 149  | 455751   | 43.055 | nq #  | 80       |
| 80) Benzo(a)anthracene         | 13.86 | 228  | 700794   | 34.639 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.83 | 252  | 151087   | 22.131 | nq #  | 96       |
| 82) Chrysene                   | 13.90 | 228  | 715702   | 35.561 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 13.86 | 149  | 560217   | 47.761 | nq #  | 99       |
| 84) Di-n-octyl phthalate       | 14.47 | 149  | 974990   | 47.772 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.65 | 276  | 567657   | 38.342 | nq    | 93       |
| 87) Benzo(b)fluoranthene       | 14.89 | 252  | 613262   | 37.653 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 14.92 | 252  | 557210   | 36.414 | nq #  | 93       |
| 89) Benzo(a)pyrene             | 15.23 | 252  | 556152   | 38.572 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.67 | 278  | 465889   | 39.689 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.06 | 276  | 482355   | 39.382 | nq    | 93       |

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





#1

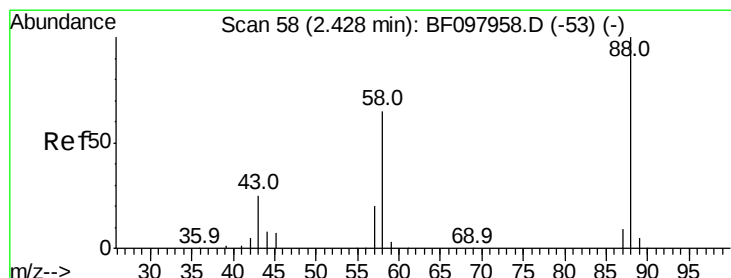
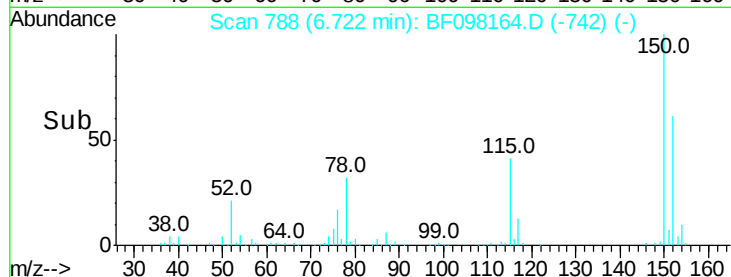
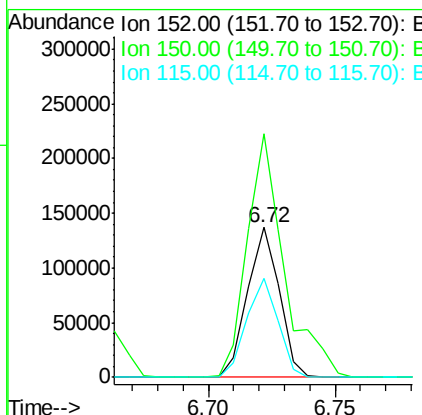
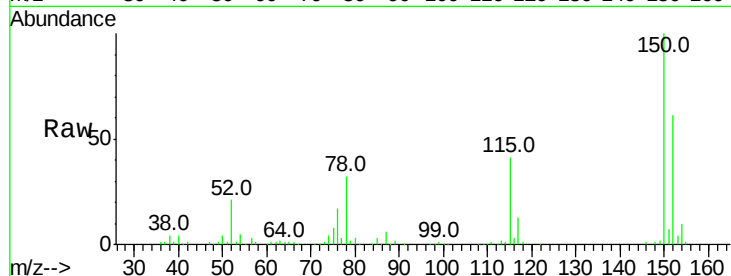
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.72 min Scan# 788  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 162.8 | 126.2 | 189.2 |
| 115     | 66.0  | 52.2  | 78.2  |

Manual Integrations  
APPROVED

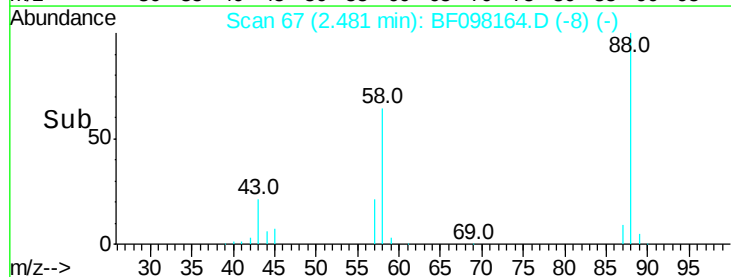
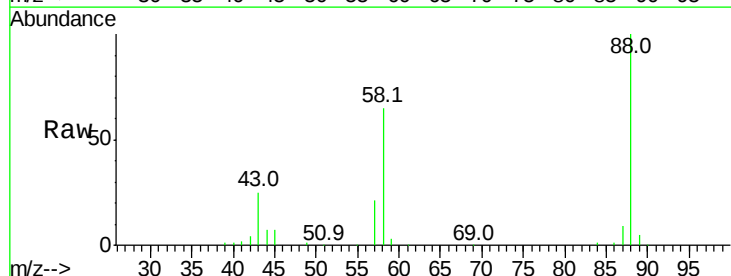
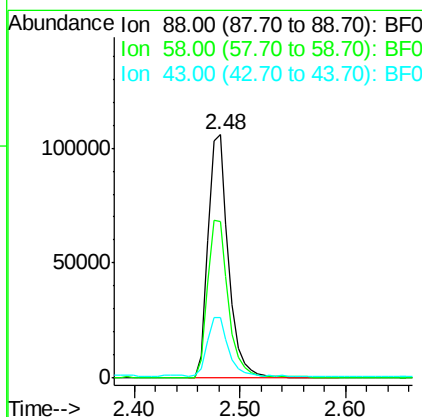
Sohil  
8/31/2017 7:12:05 PM

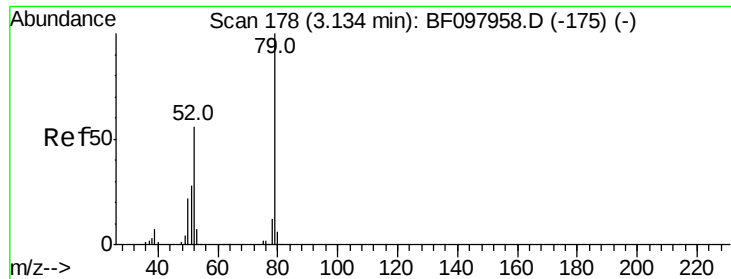


#2

1,4-Dioxane  
Concen: 32.663 ng  
RT: 2.48 min Scan# 67  
Delta R.T. 0.05 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 66.3  | 61.4  | 92.0  |
| 43      | 24.6  | 23.4  | 35.0  |





#3

Pvridine

Concen: 33.520 ng

RT: 3.17 min Scan# 185

Delta R.T. 0.04 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

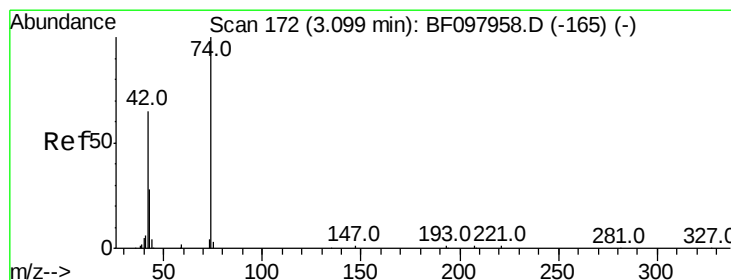
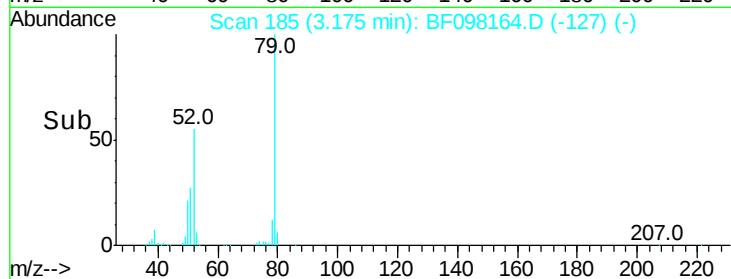
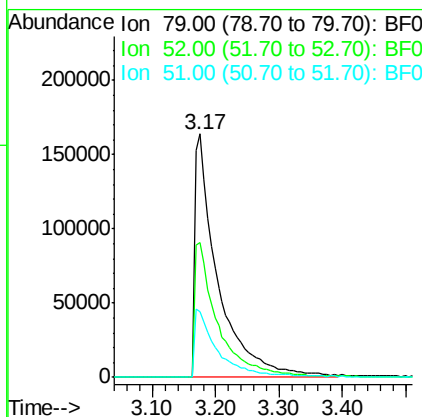
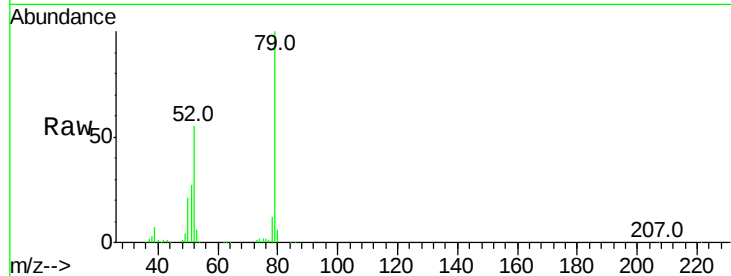
ClientSampleId :

PB101906BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 79      | 100  |       | 408335 |       |       |
| 52      | 55.1 | 54.8  | 82.2   |       |       |
| 51      | 27.2 | 27.0  | 40.4   |       |       |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#4

n-Nitrosodimethylamine

Concen: 33.434 ng

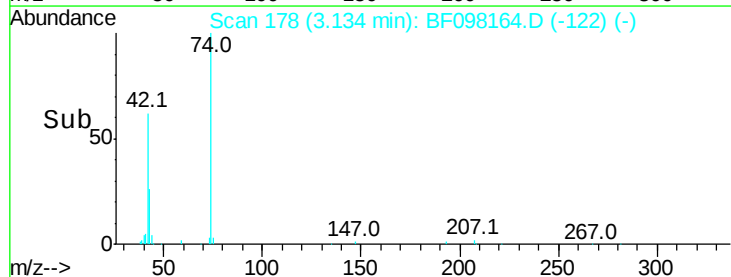
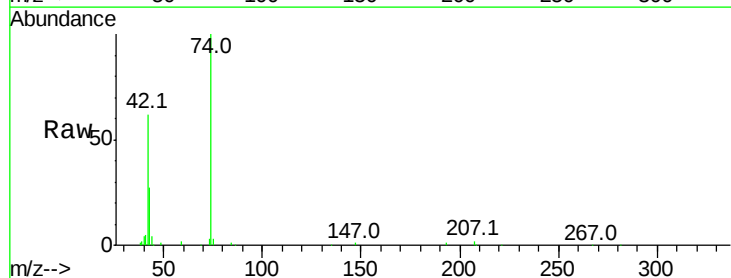
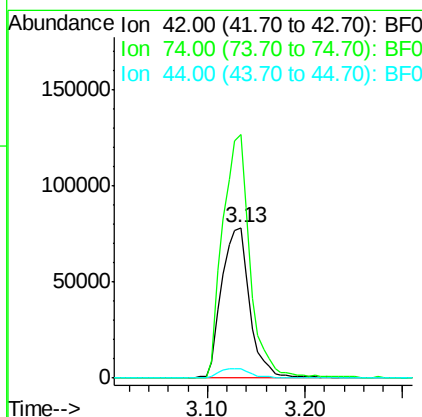
RT: 3.13 min Scan# 178

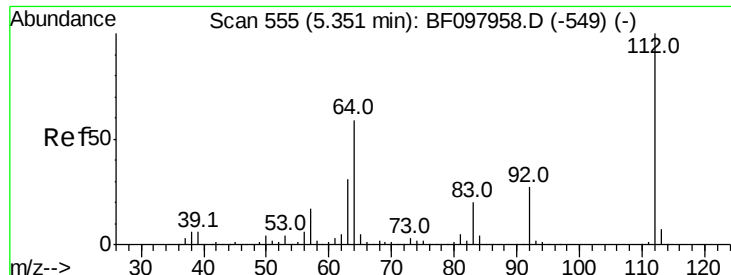
Delta R.T. 0.03 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 42      | 100   |       | 156716 |       |       |
| 74      | 161.7 | 103.9 | 155.9# |       |       |
| 44      | 6.6   | 5.7   | 8.5    |       |       |





#5

2-Fluorophenol

Concen: 119.612 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

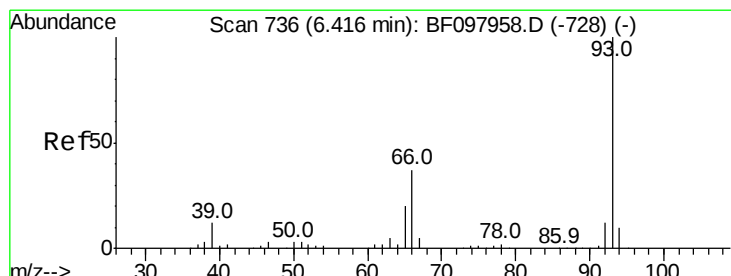
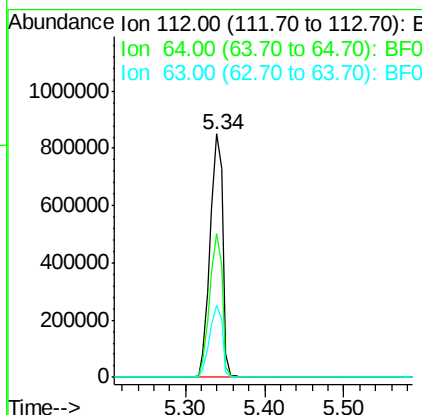
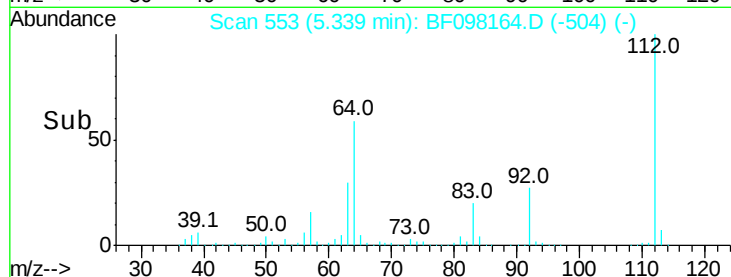
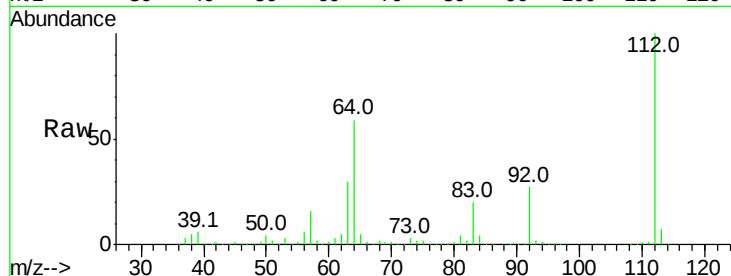
ClientSampled :

PB101906BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 945102 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.0  | 46.0  | 69.0   |
| 63        | 29.8  | 23.4  | 35.0   |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#6

Aniline

Concen: 20.496 ng

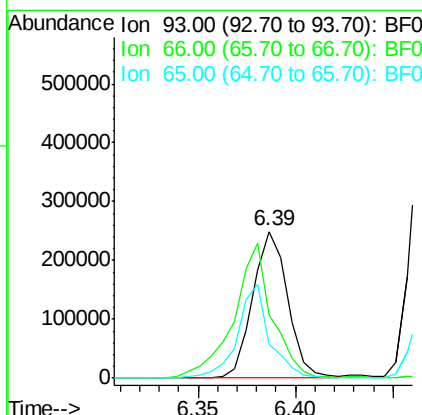
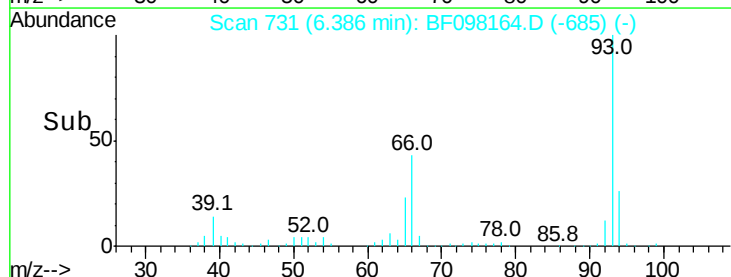
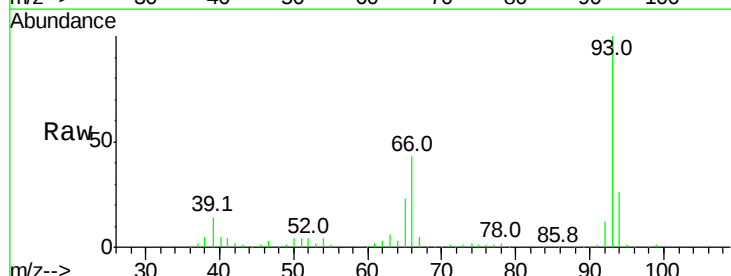
RT: 6.39 min Scan# 731

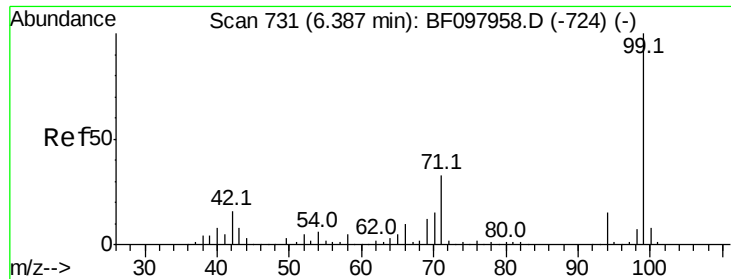
Delta R.T. -0.03 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 309106 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 42.8  | 32.9  | 49.3   |
| 65        | 22.6  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 118.854 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

ClientSampleId :

PB101906BS

Tot Ion: 99 Resp: 1275985

Ion Ratio Lower Upper

99 100

42 14.3 13.5 20.3

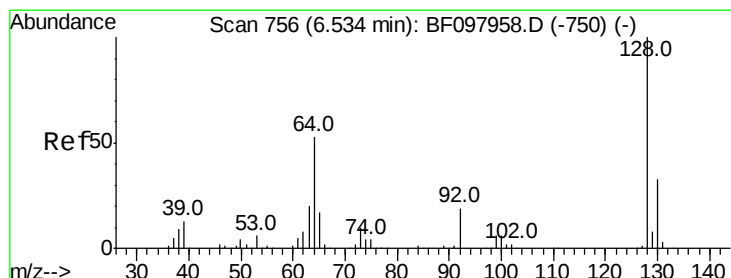
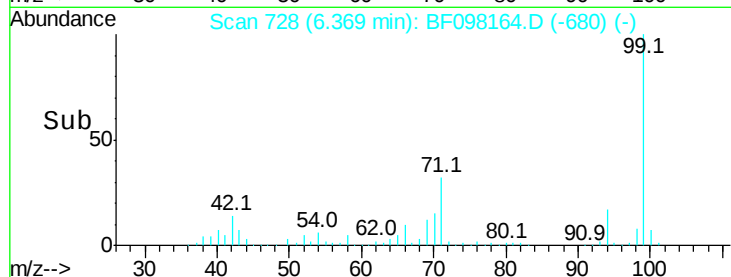
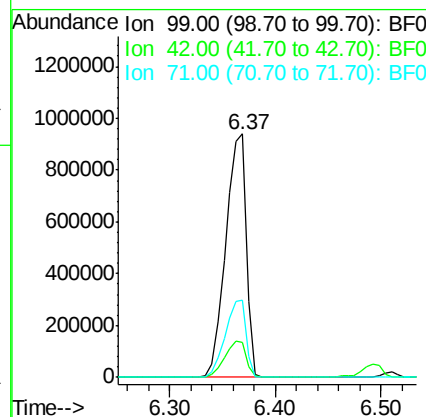
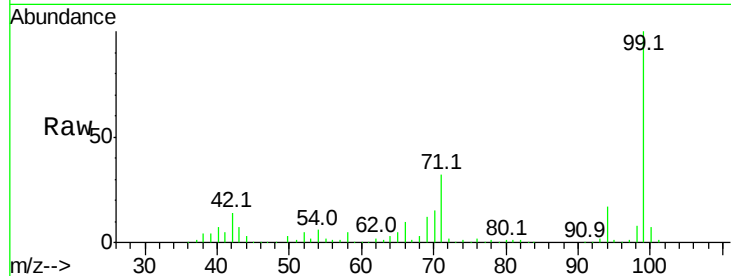
71 31.8 24.5 36.7

Manual Integrations

APPROVED

Sohil

8/31/2017 7:12:05 PM



#8

2-Chlorophenol

Concen: 38.645 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

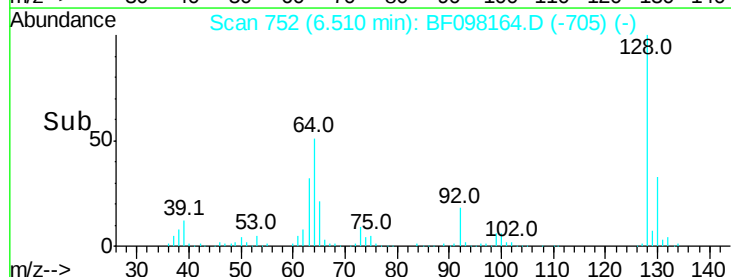
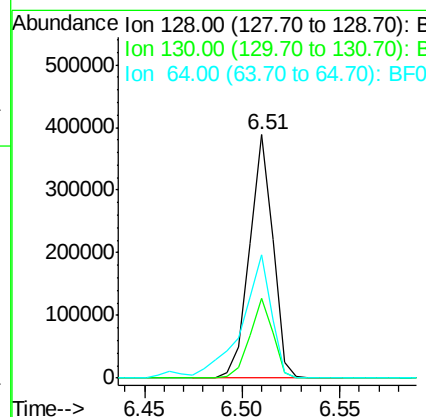
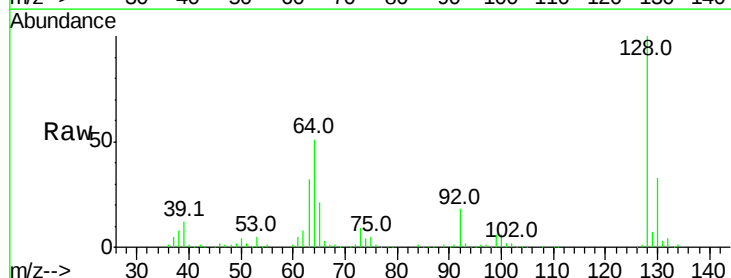
Tgt Ion: 128 Resp: 322024

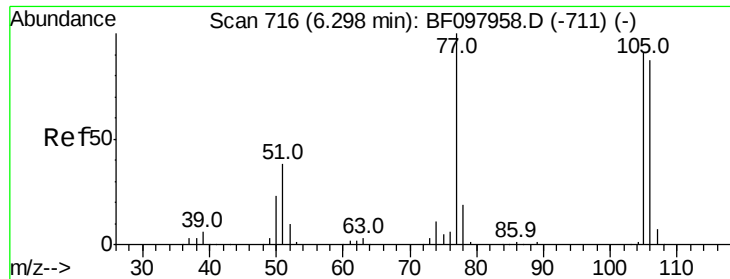
Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

64 50.7 28.4 68.4





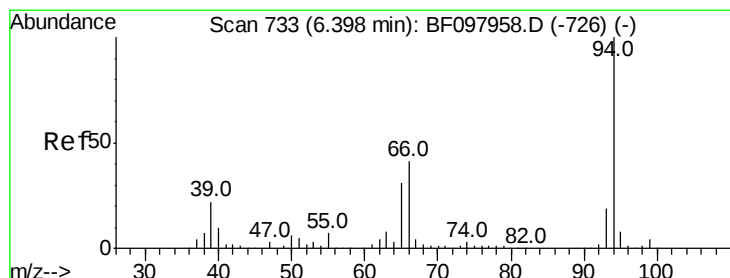
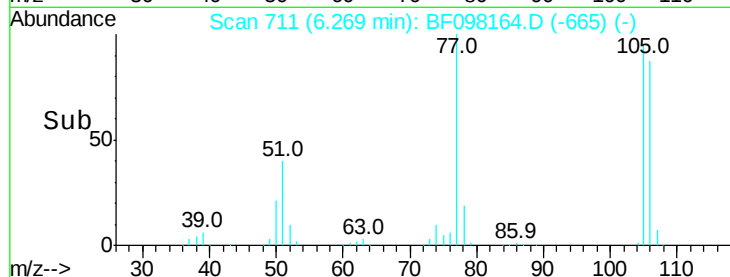
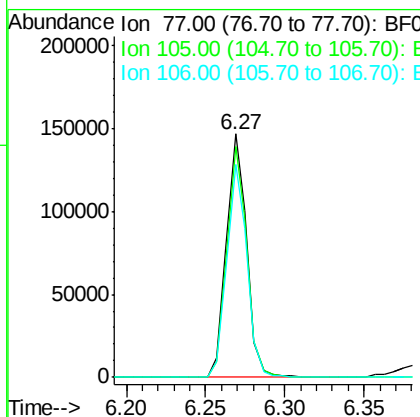
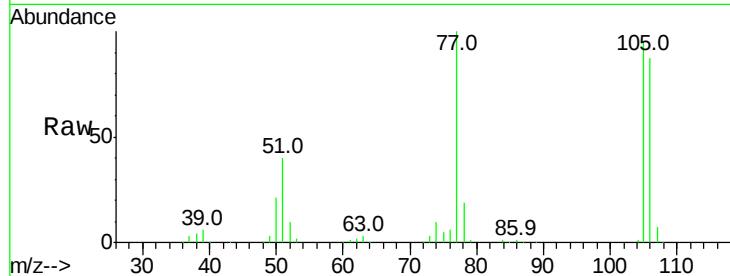
#9  
Benzaldehyde  
Concen: 19.115 ng  
RT: 6.27 min Scan# 711  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 129980 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 94.9  | 83.8  | 123.8  |
| 106       | 87.3  | 79.1  | 119.1  |

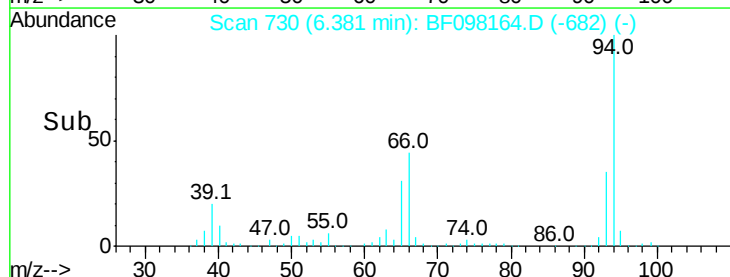
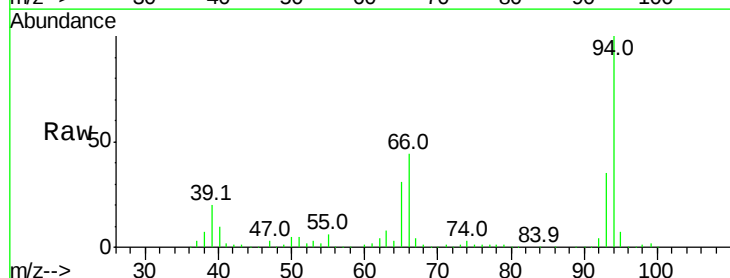
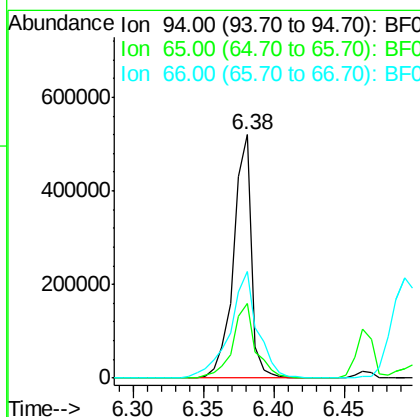
Manual Integrations  
APPROVED

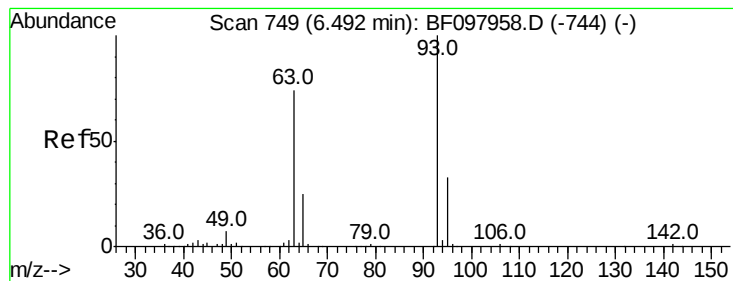
Sohil  
8/31/2017 7:12:05 PM



#10  
Phenol  
Concen: 36.582 ng  
RT: 6.38 min Scan# 730  
Delta R.T. -0.02 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 459326 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 30.6  | 9.9   | 49.9   |
| 66        | 44.0  | 23.1  | 63.1   |





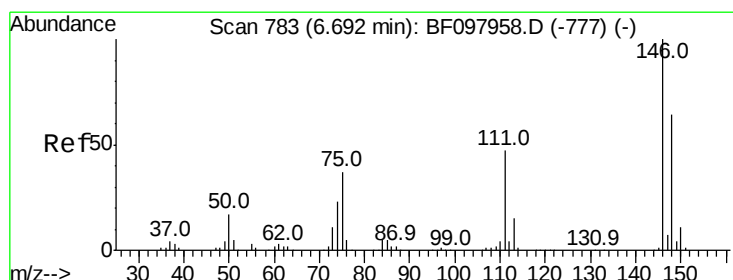
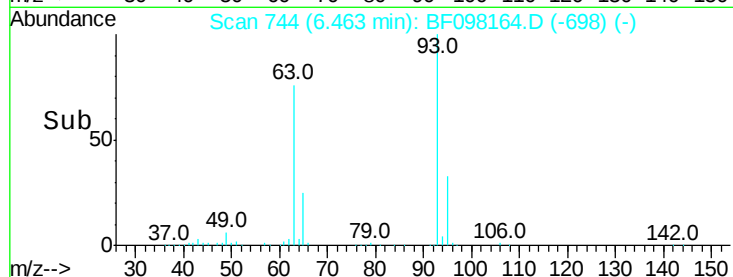
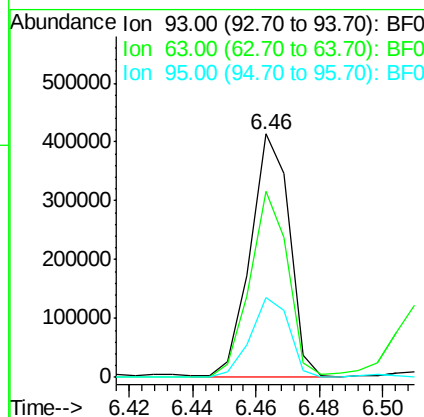
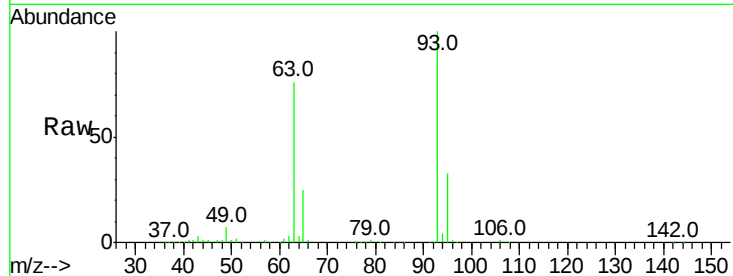
#11  
bis(2-Chloroethyl)ether  
Concen: 36.880 ng  
RT: 6.46 min Scan# 744  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.2  | 59.2  | 99.2  |
| 95      | 32.7  | 12.8  | 52.8  |

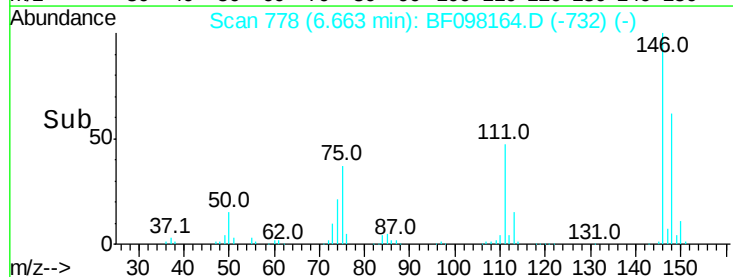
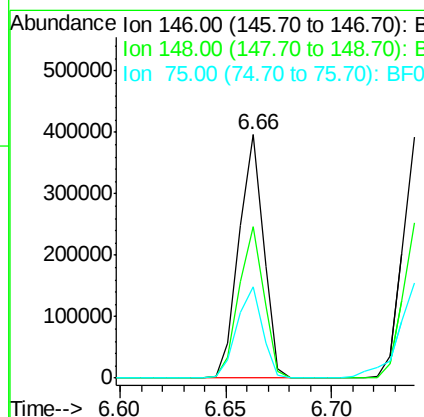
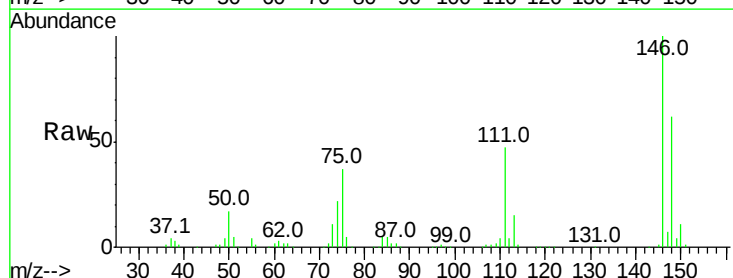
Manual Integrations  
APPROVED

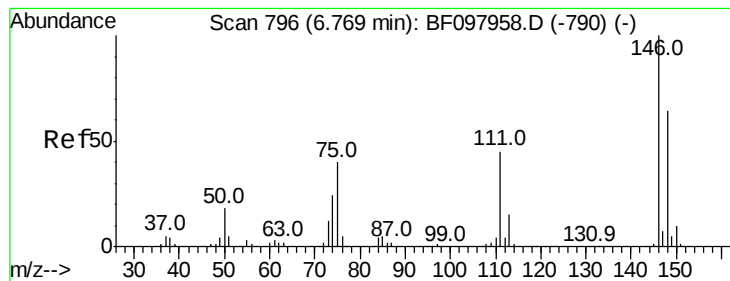
Sohil  
8/31/2017 7:12:05 PM



#12  
1,3-Dichlorobenzene  
Concen: 35.760 ng  
RT: 6.66 min Scan# 778  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.0  | 51.8  | 77.6  |
| 75      | 37.4  | 23.1  | 34.7# |





#13

1,4-Dichlorobenzene

Concen: 35.850 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.03 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

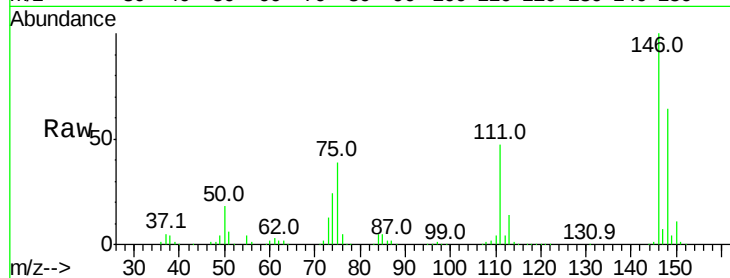
ClientSampled :

PB101906BS

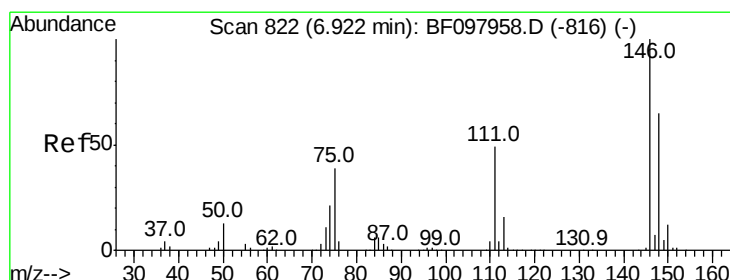
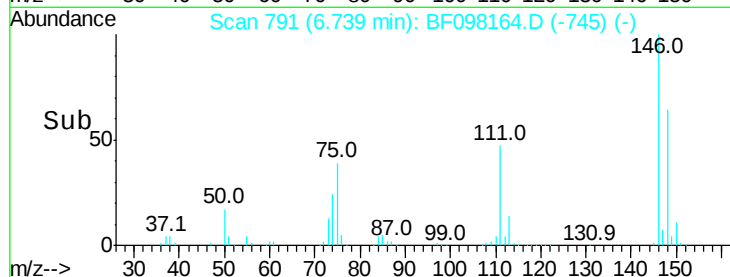
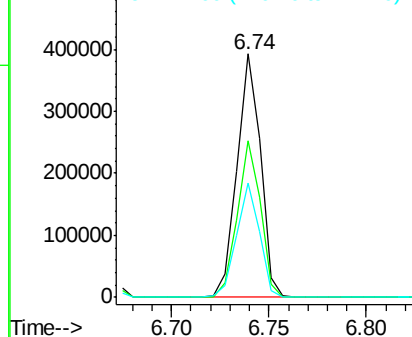
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 326808 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.4  | 52.2  | 78.2   |
| 111       | 46.8  | 30.3  | 45.5#  |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.768 ng

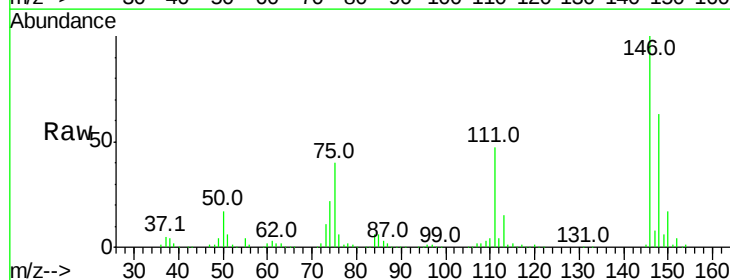
RT: 6.89 min Scan# 817

Delta R.T. -0.03 min

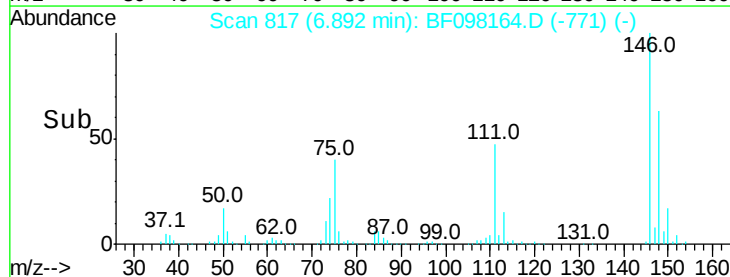
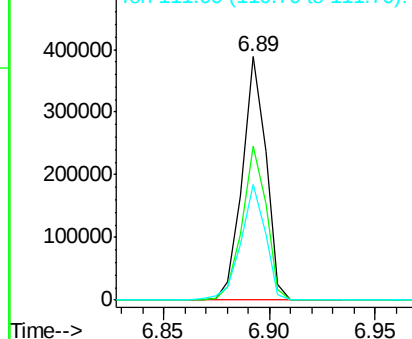
Lab File: BF098164.D

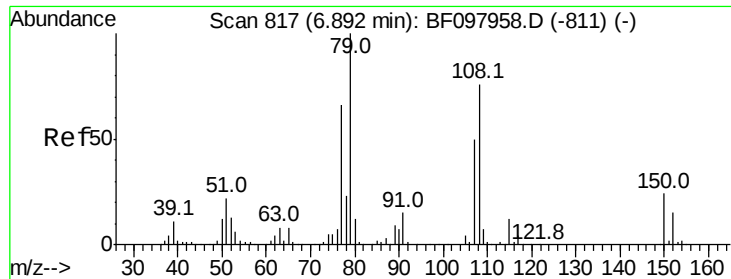
Acq: 30 Aug 2017 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 300650 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.4  | 50.4  | 75.6   |
| 111       | 47.4  | 38.2  | 57.4   |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





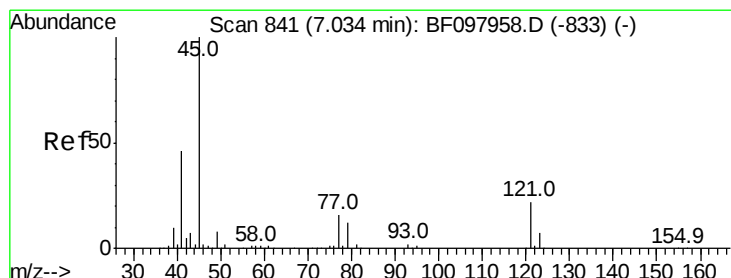
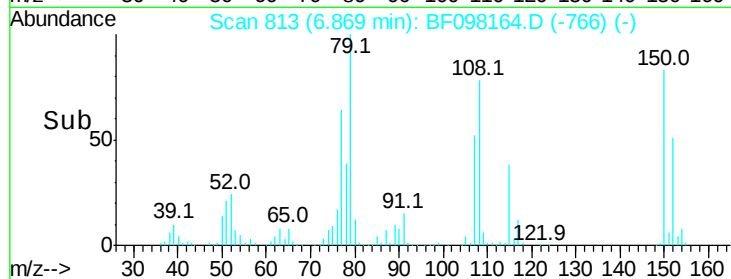
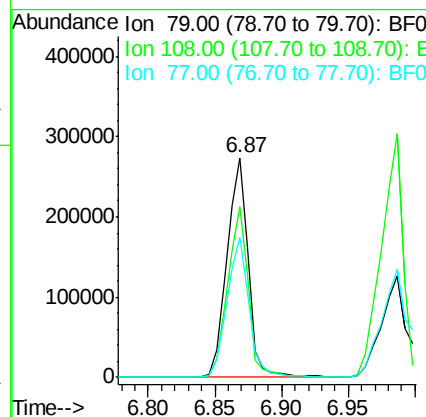
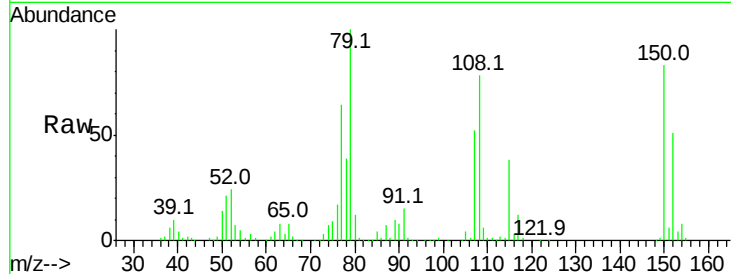
#15  
Benzyl Alcohol  
Concen: 38.490 ng  
RT: 6.87 min Scan# 813  
Delta R.T. -0.02 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 77.6  | 63.4  | 95.0  |
| 77      | 63.7  | 49.2  | 73.8  |

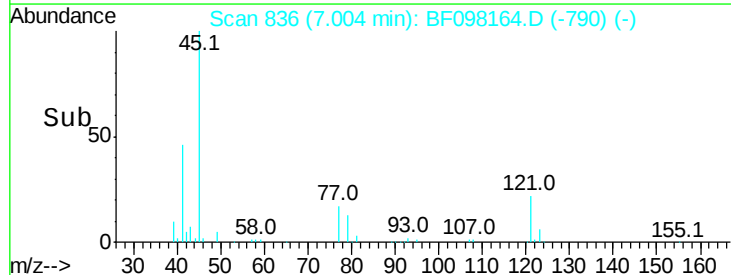
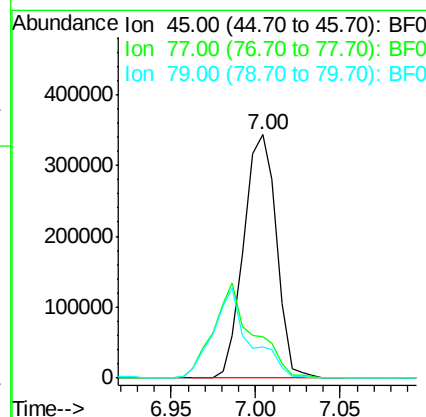
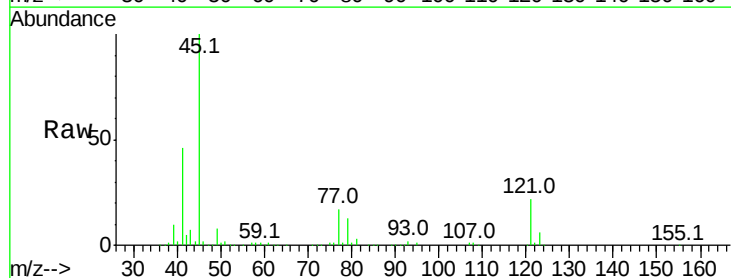
Manual Integrations  
APPROVED

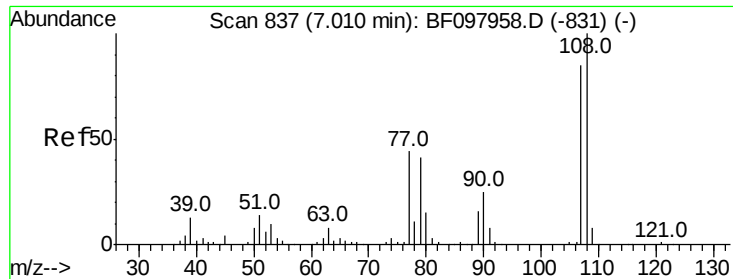
Sohil  
8/31/2017 7:12:05 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.333 ng  
RT: 7.00 min Scan# 836  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 17.0  | 0.0   | 33.2  |
| 79      | 13.0  | 0.0   | 30.0  |





#17

2-Methylphenol

Concen: 39.690 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

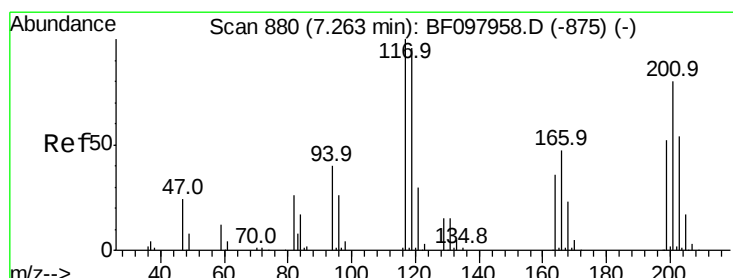
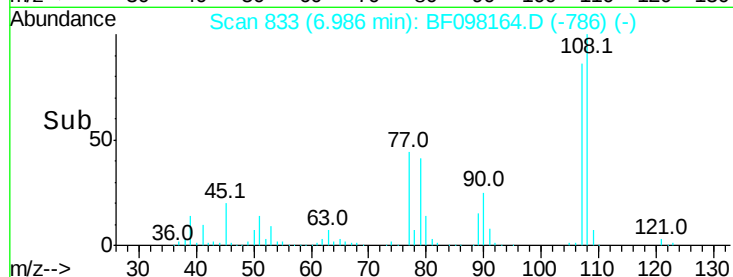
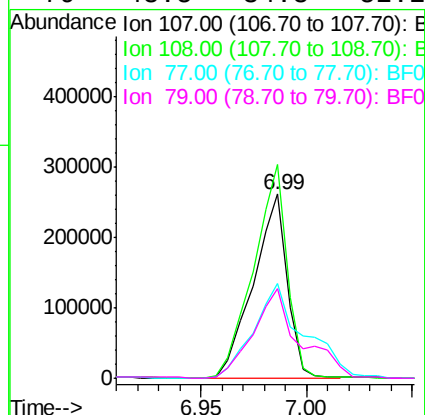
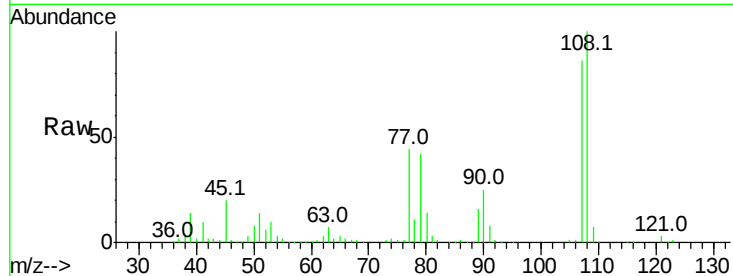
ClientSampleId :

PB101906BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 291452 |       |       |
| 108     | 115.9 | 93.4   | 140.0 |       |
| 77      | 51.4  | 35.8   | 53.6  |       |
| 79      | 48.5  | 34.8   | 52.2  |       |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#18

Hexachloroethane

Concen: 36.995 ng

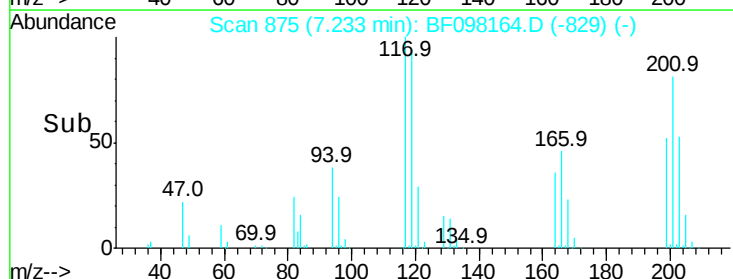
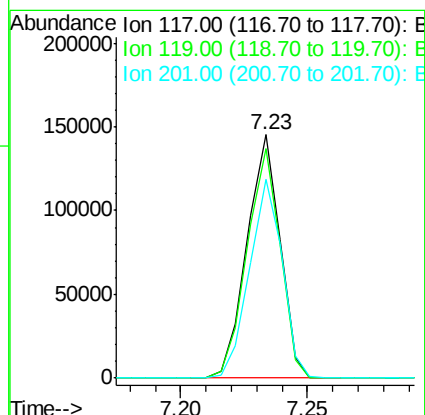
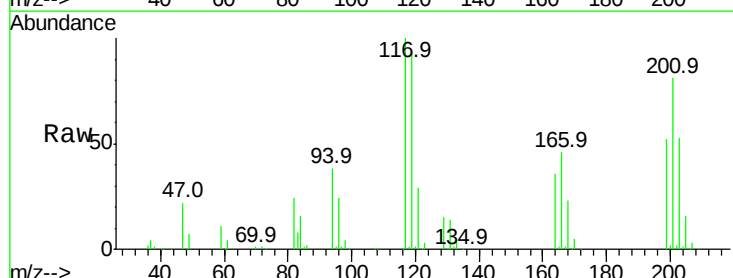
RT: 7.23 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 117     | 100   | 132222 |        |       |
| 119     | 94.4  | 77.4   | 116.0  |       |
| 201     | 81.4  | 94.6   | 141.8# |       |





#19

n-Nitroso-di-n-propylamine

Concen: 35.352 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

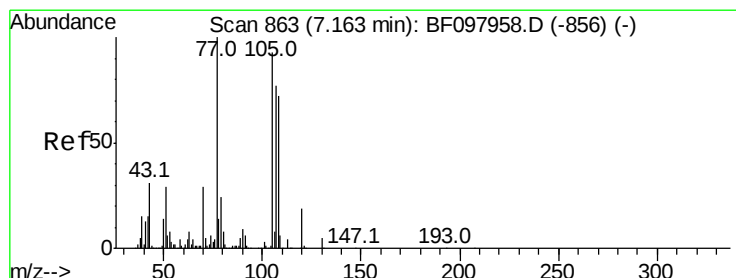
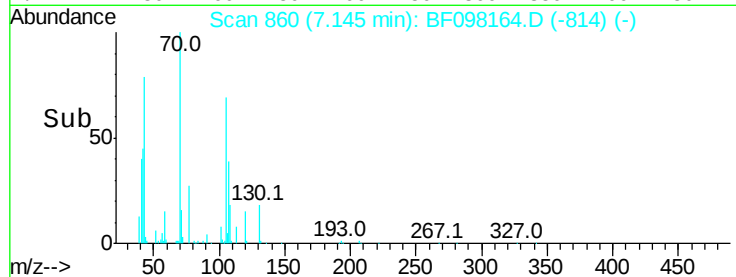
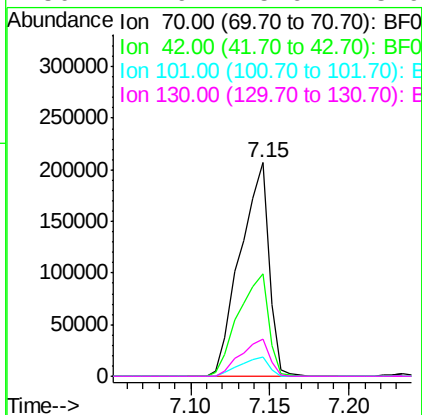
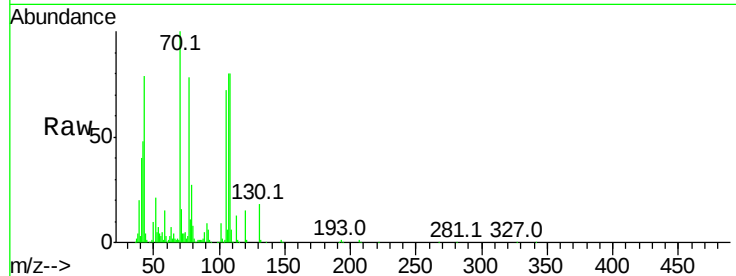
ClientSampleId :

PB101906BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 259806 |       |       |
| 42      | 48.1 |       | 47.2   | 70.8  |       |
| 101     | 8.9  |       | 7.2    | 10.8  |       |
| 130     | 17.6 |       | 15.9   | 23.9  |       |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#20

3+4-Methylphenols

Concen: 39.997 ng

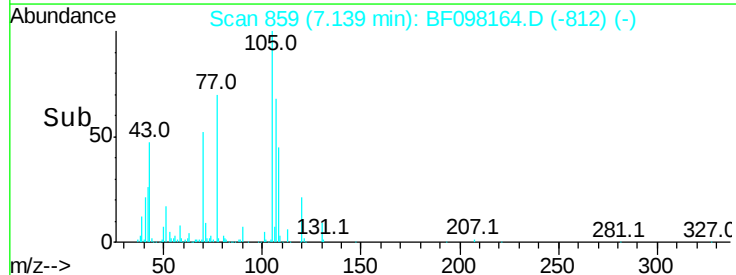
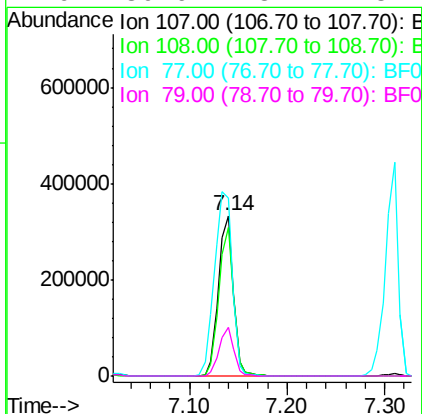
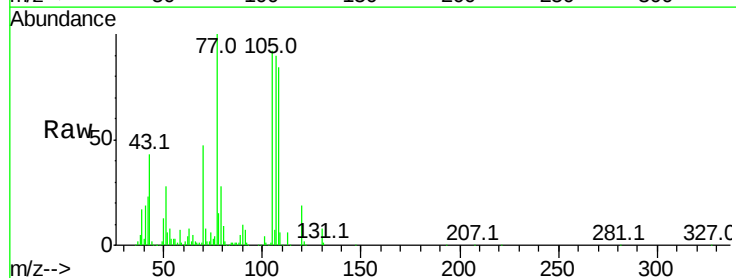
RT: 7.14 min Scan# 859

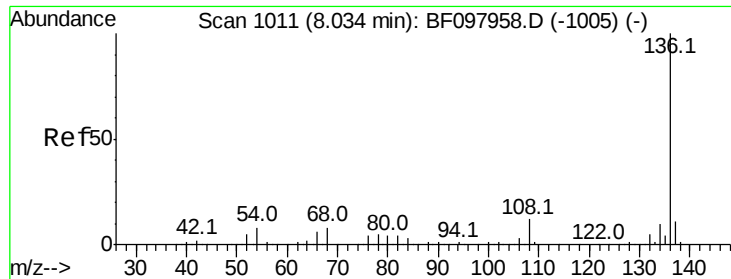
Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 107     | 100   |       | 358738 |       |       |
| 108     | 92.6  |       | 71.0   | 111.0 |       |
| 77      | 110.5 |       | 90.5   | 130.5 |       |
| 79      | 30.6  |       | 8.4    | 48.4  |       |





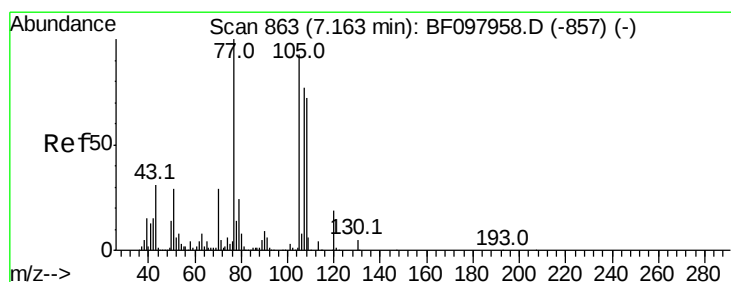
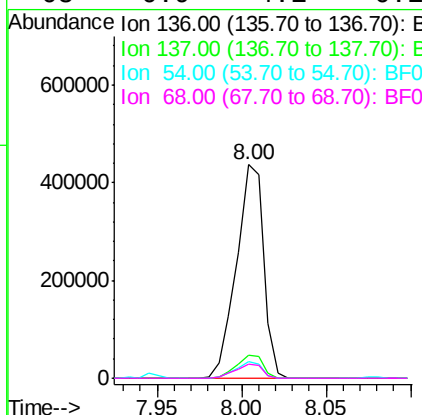
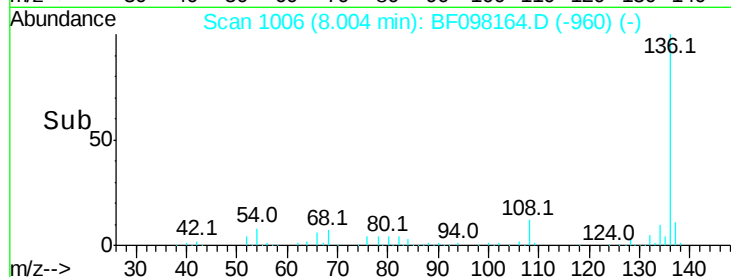
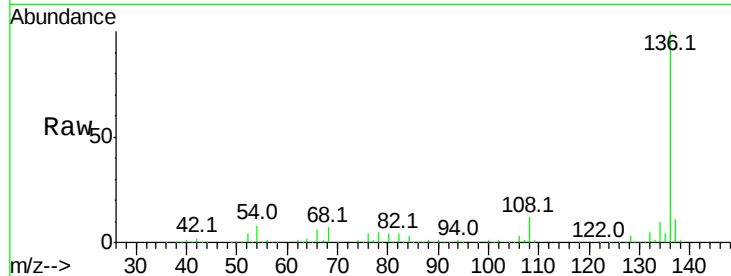
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.00 min Scan# 1006  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.1  | 8.5  | 12.7  |       |
| 54      | 7.9   | 4.9  | 7.3#  |       |
| 68      | 6.9   | 4.1  | 6.1#  |       |

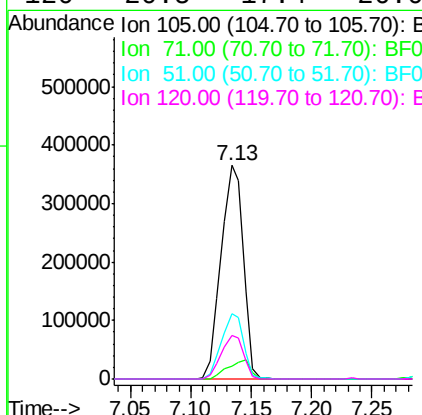
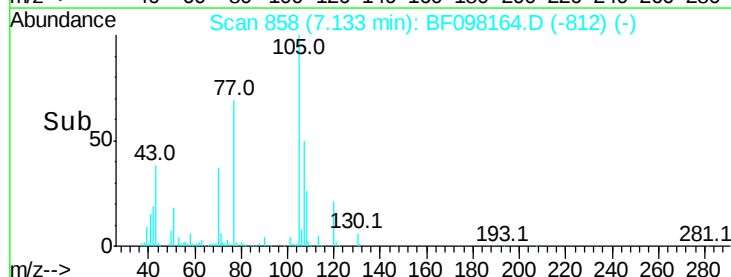
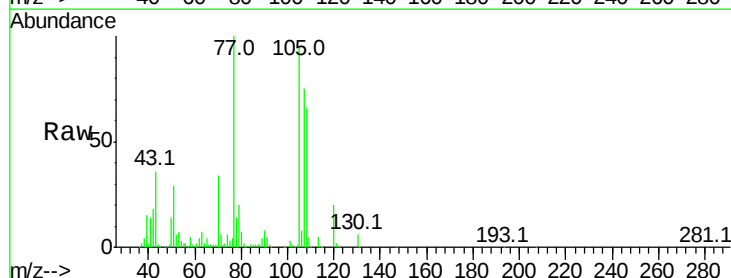
Manual Integrations  
APPROVED

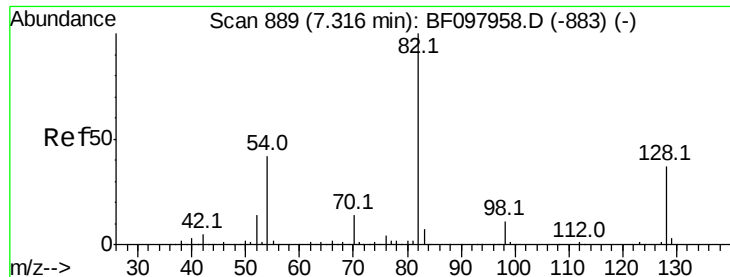
Sohil  
8/31/2017 7:12:05 PM



#22  
Acetophenone  
Concen: 35.942 ng  
RT: 7.13 min Scan# 858  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 6.2   | 2.8  | 4.2#  |       |
| 51      | 30.3  | 30.7 | 46.1# |       |
| 120     | 20.5  | 17.4 | 26.0  |       |





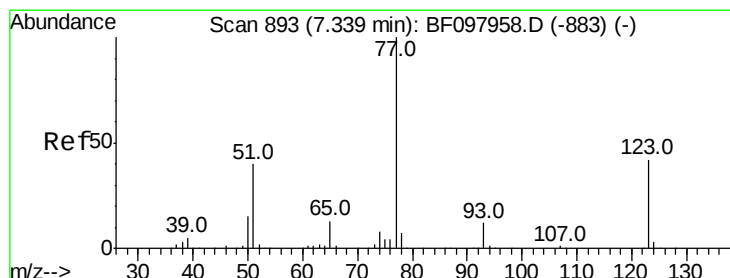
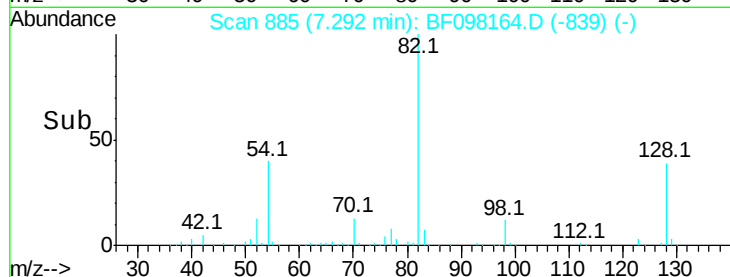
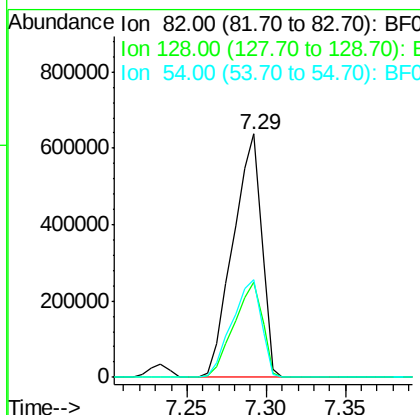
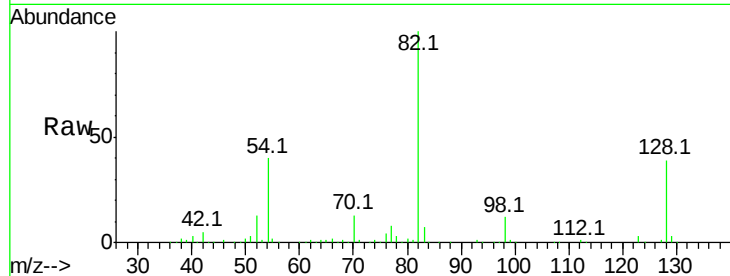
#23  
 Nitrobenzene-d5  
 Concen: 87.995 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. -0.03 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101906BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 39.1  | 34.0 | 51.0  |       |
| 54      | 40.1  | 42.2 | 63.2  |       |

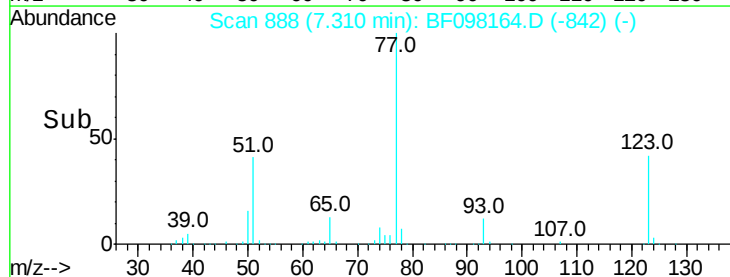
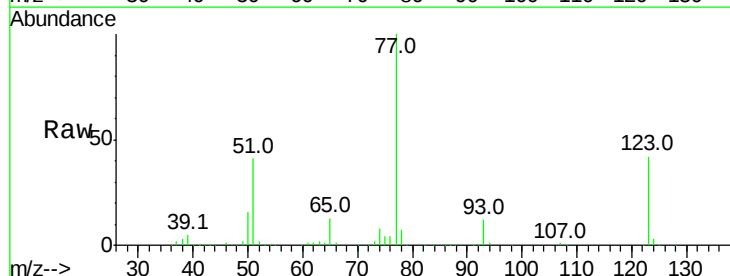
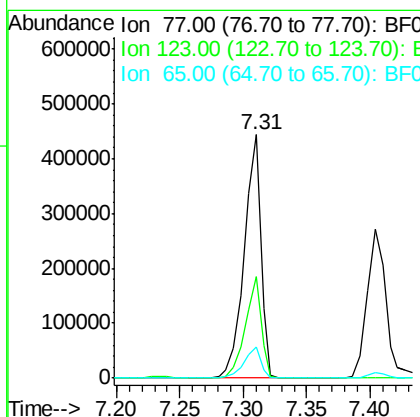
Manual Integrations  
 APPROVED

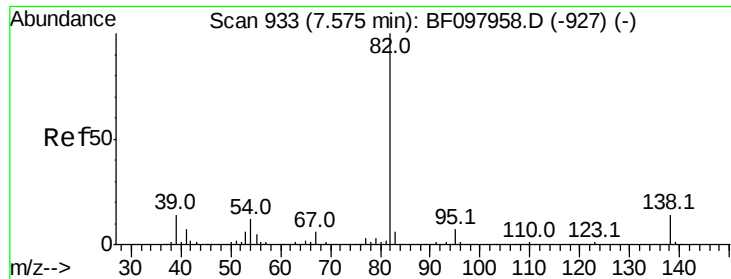
Sohil  
 8/31/2017 7:12:05 PM



#24  
 Nitrobenzene  
 Concen: 39.981 ng  
 RT: 7.31 min Scan# 888  
 Delta R.T. -0.03 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 41.6  | 35.8 | 53.8  |       |
| 65      | 12.8  | 10.6 | 15.8  |       |





#25

Isophorone

Concen: 39.282 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

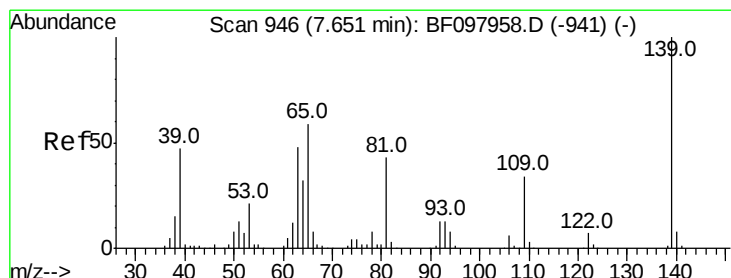
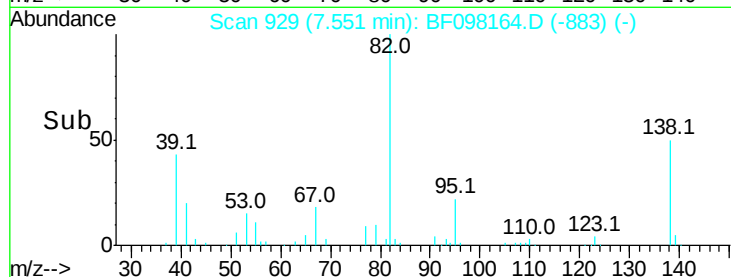
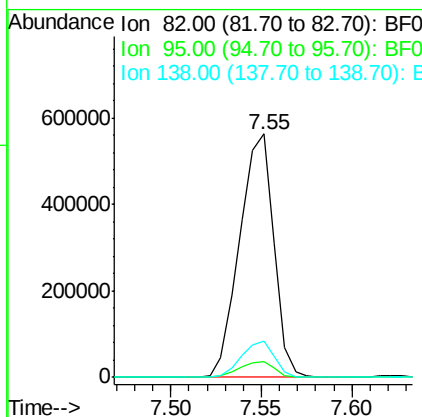
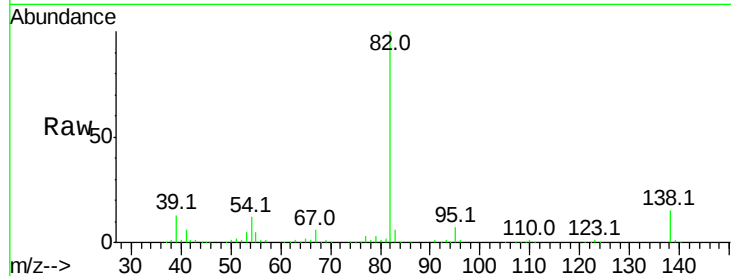
ClientSampled :

PB101906BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 739046 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.6   | 5.3   | 7.9    |
| 138       | 15.0  | 13.1  | 19.7   |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#26

2-Nitrophenol

Concen: 45.971 ng

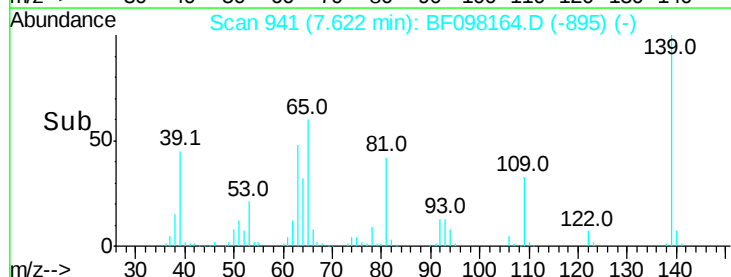
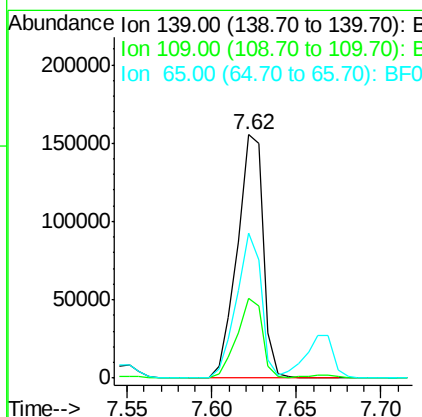
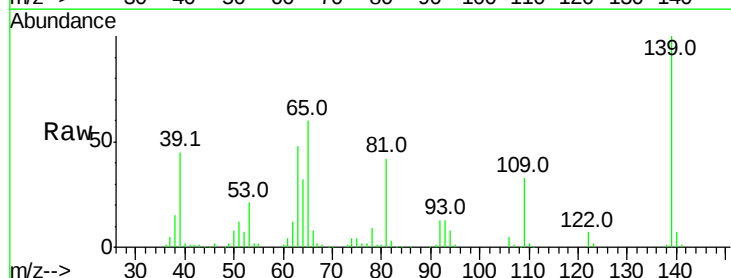
RT: 7.62 min Scan# 941

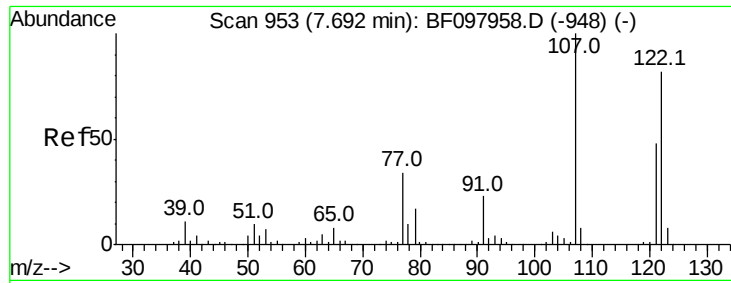
Delta R.T. -0.03 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 166875 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 32.7  | 21.0  | 31.6#  |
| 65        | 59.6  | 33.0  | 49.6#  |





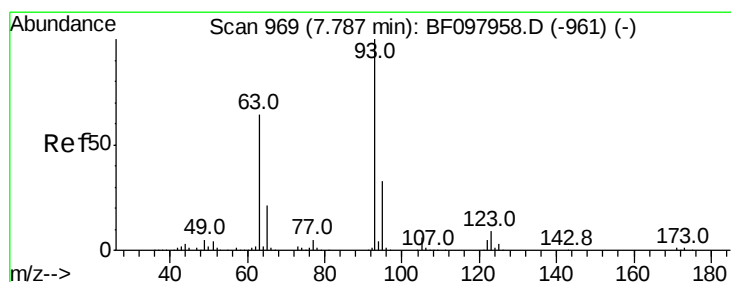
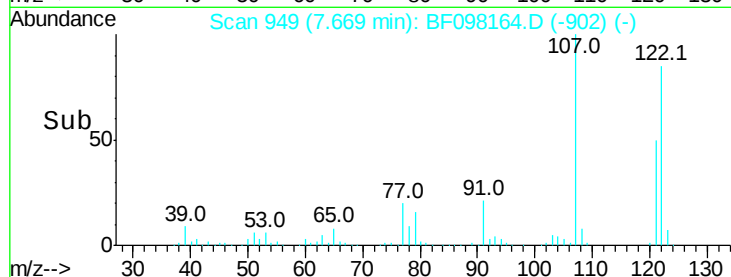
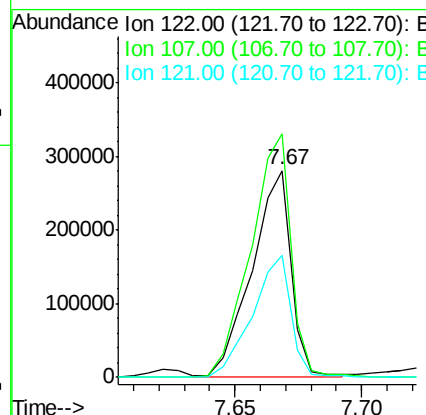
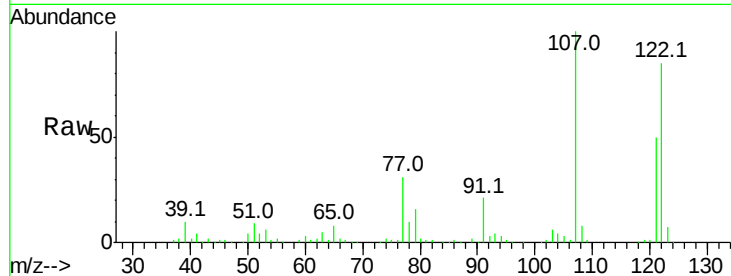
#27  
 2,4-Dimethylphenol  
 Concen: 38.826 ng  
 RT: 7.67 min Scan# 949  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101906BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 304642 |       |       |
| 107     | 117.7 | 89.2   | 133.8 |       |
| 121     | 58.9  | 45.2   | 67.8  |       |

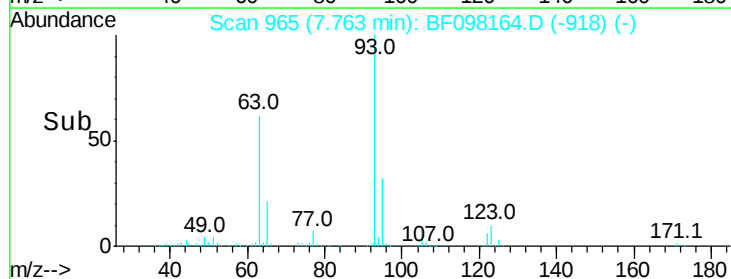
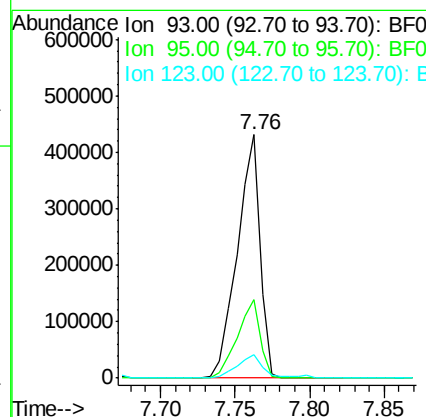
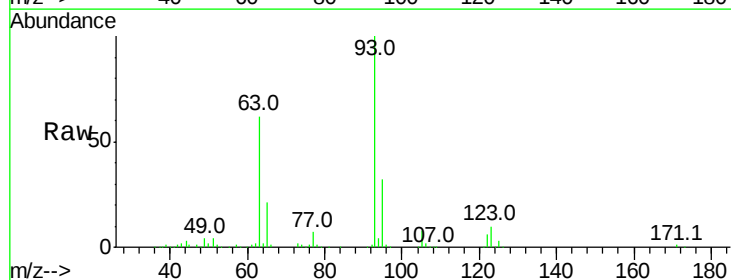
Manual Integrations  
 APPROVED

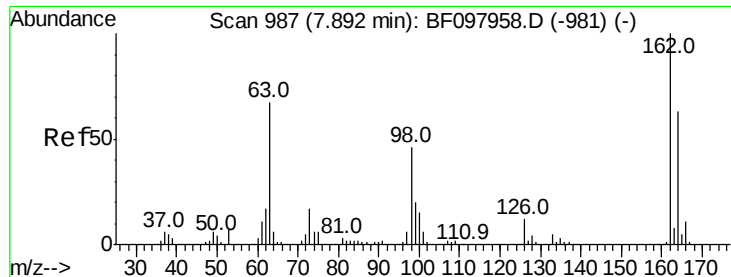
Sohil  
 8/31/2017 7:12:05 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.447 ng  
 RT: 7.76 min Scan# 965  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 463181 |       |       |
| 95      | 32.3  | 26.5   | 39.7  |       |
| 123     | 9.8   | 9.0    | 13.4  |       |





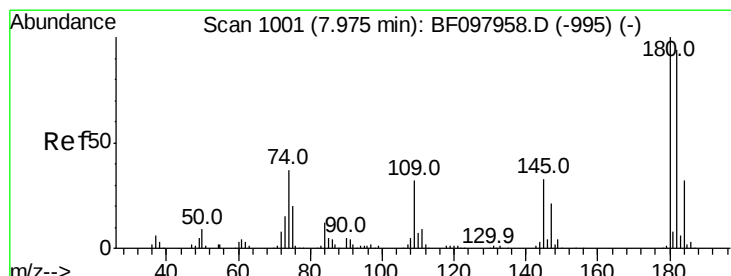
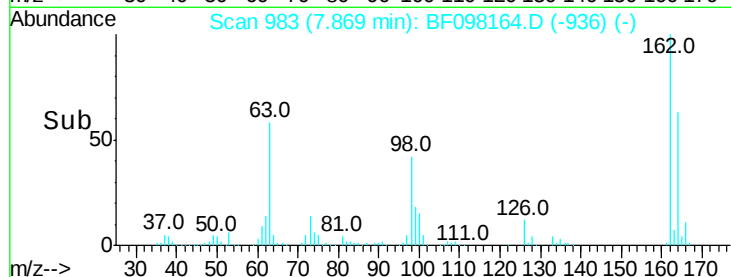
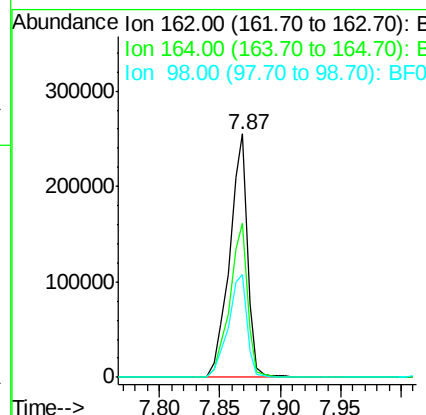
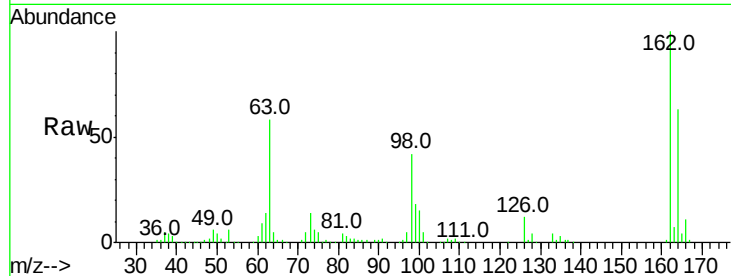
#29  
2,4-Dichlorophenol  
Concen: 40.223 ng  
RT: 7.87 min Scan# 983  
Delta R.T. -0.02 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 63.2  | 44.6       | 84.6       |
| 98      | 42.3  | 14.8       | 54.8       |

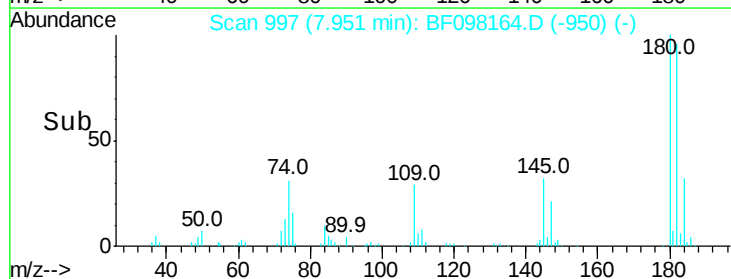
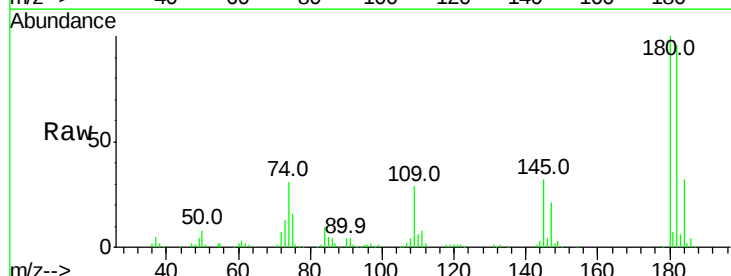
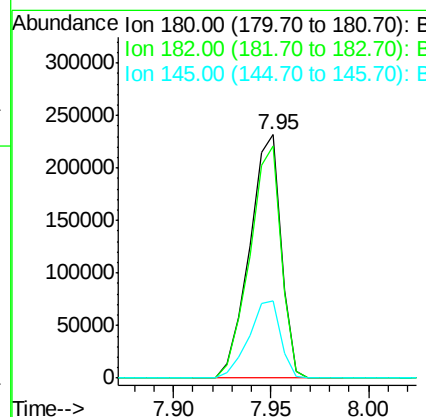
Manual Integrations  
APPROVED

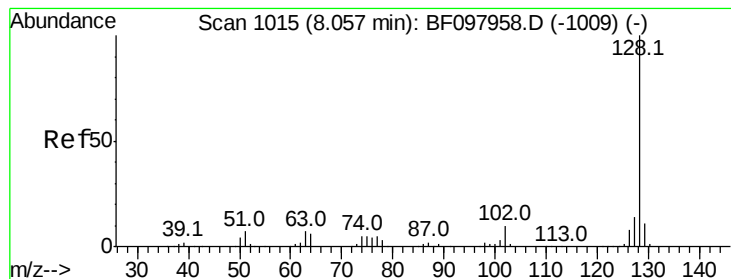
Sohil  
8/31/2017 7:12:05 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 36.067 ng  
RT: 7.95 min Scan# 997  
Delta R.T. -0.02 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 95.6  | 75.8       | 113.6      |
| 145     | 31.6  | 25.3       | 37.9       |





#31

Naphthalene

Concen: 36.385 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.03 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

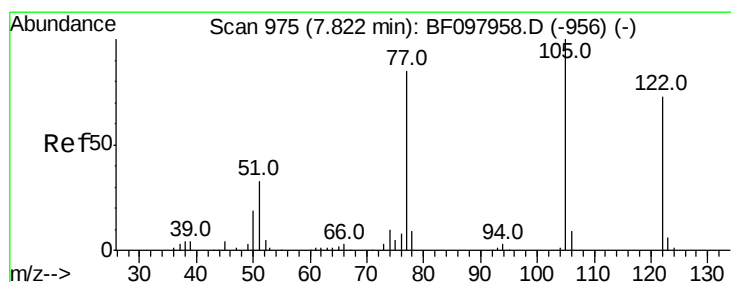
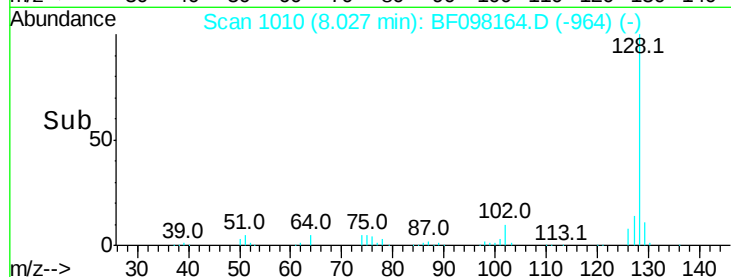
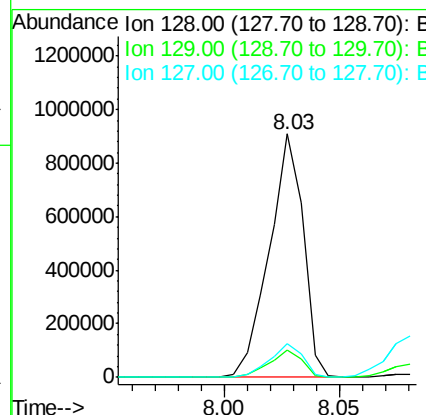
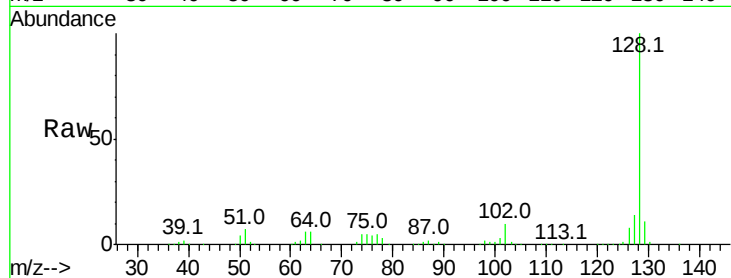
ClientSampleId :

PB101906BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 928458 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.2  | 9.0   | 13.6   |
| 127       | 13.7  | 10.8  | 16.2   |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#32

Benzoic acid

Concen: 31.738 ng

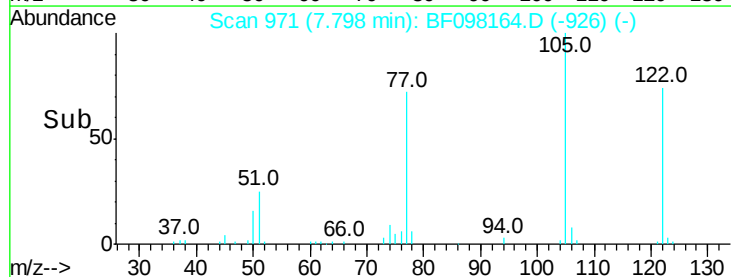
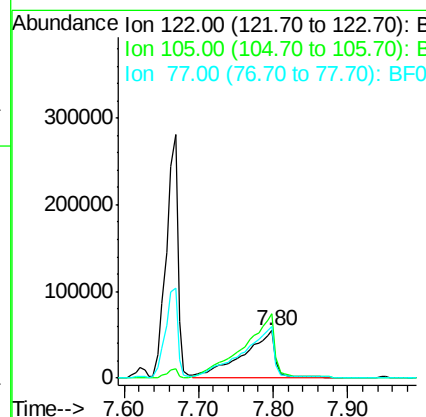
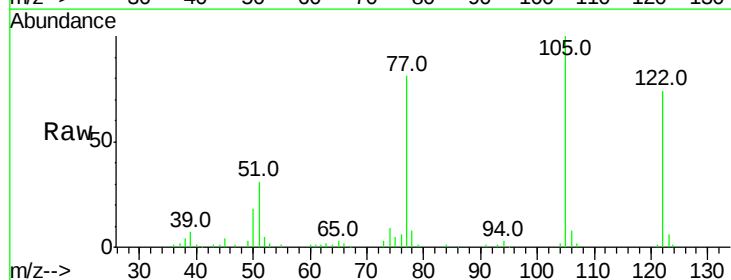
RT: 7.80 min Scan# 971

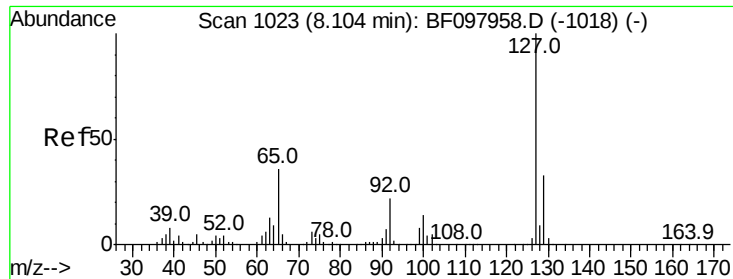
Delta R.T. -0.04 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 167132 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 134.9 | 103.3 | 143.3  |
| 77        | 109.3 | 73.7  | 113.7  |





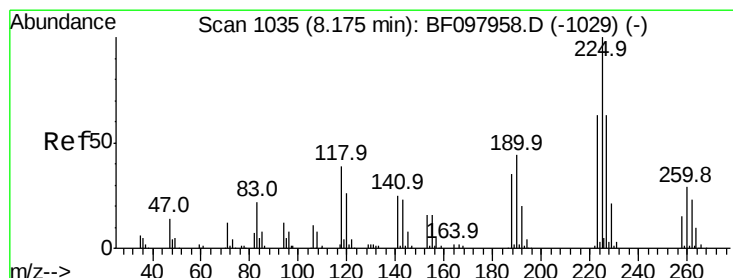
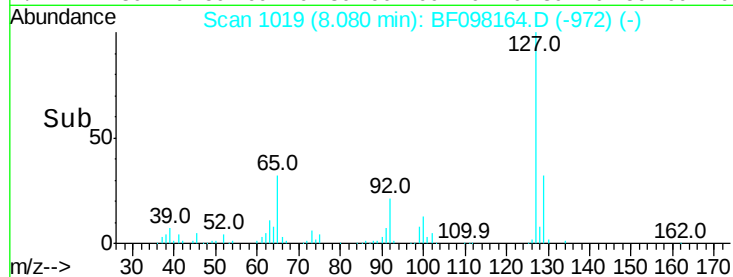
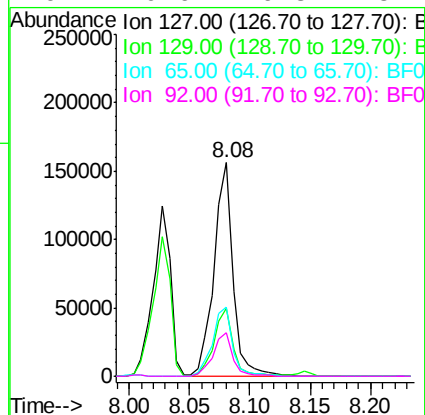
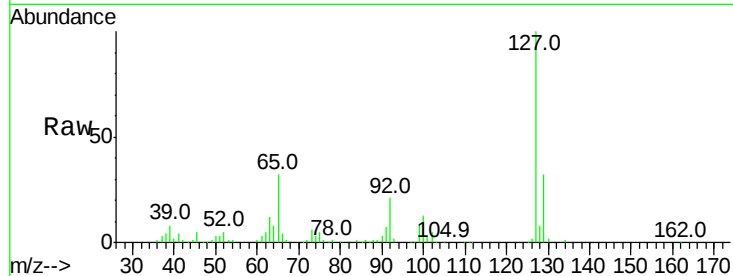
#33  
4-Chloroaniline  
Concen: 15.702 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. -0.02 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 31.7  | 26.2 | 39.2  |       |
| 65      | 32.5  | 27.8 | 41.8  |       |
| 92      | 20.6  | 16.8 | 25.2  |       |

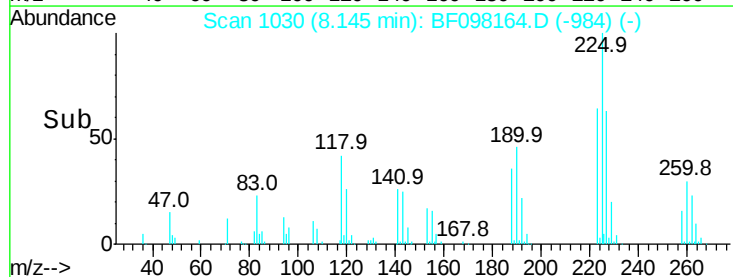
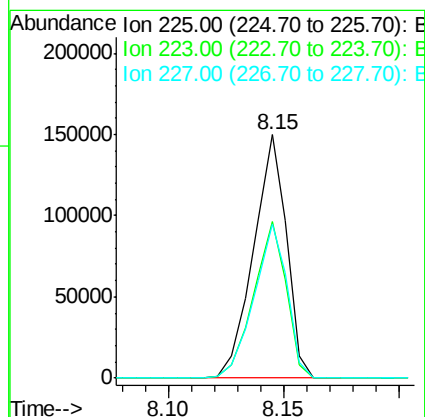
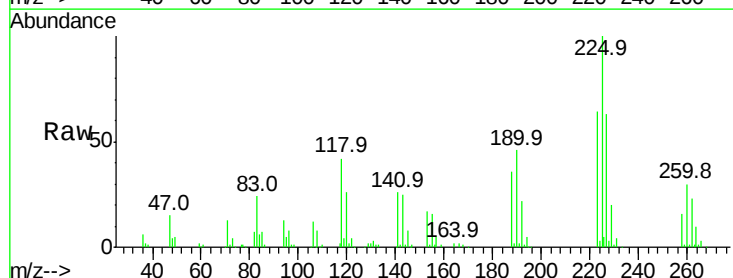
Manual Integrations  
APPROVED

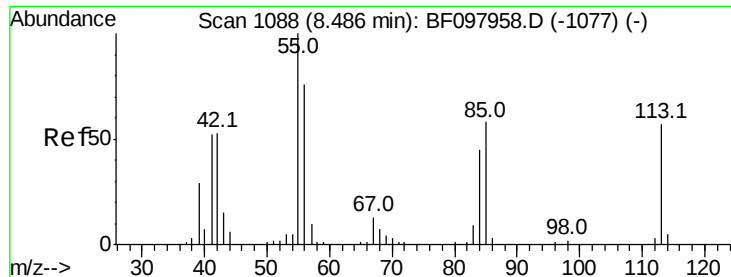
Sohil  
8/31/2017 7:12:05 PM



#34  
Hexachlorobutadiene  
Concen: 35.454 ng  
RT: 8.15 min Scan# 1030  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 64.1  | 48.8 | 73.2  |       |
| 227     | 63.3  | 51.1 | 76.7  |       |





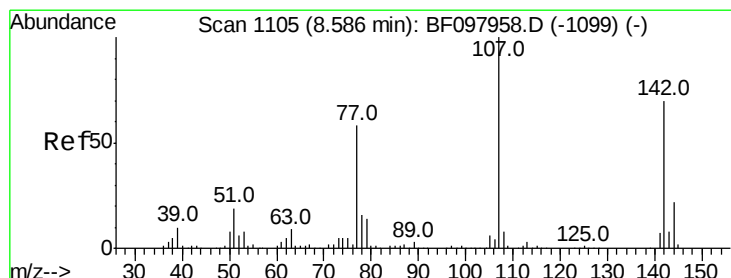
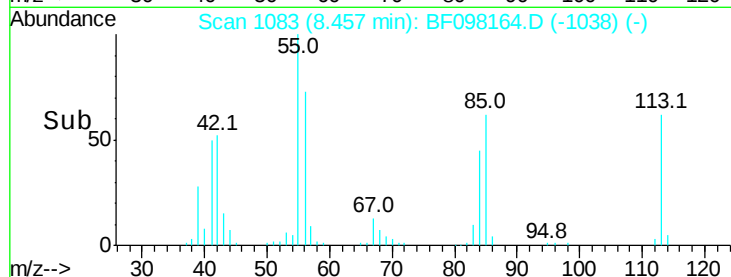
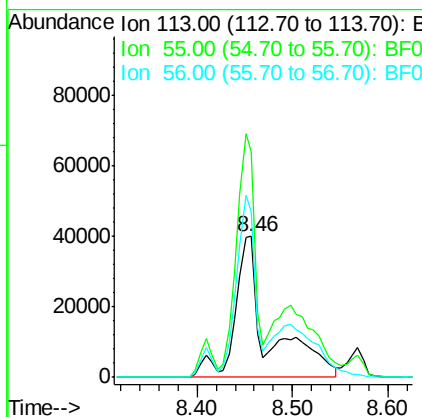
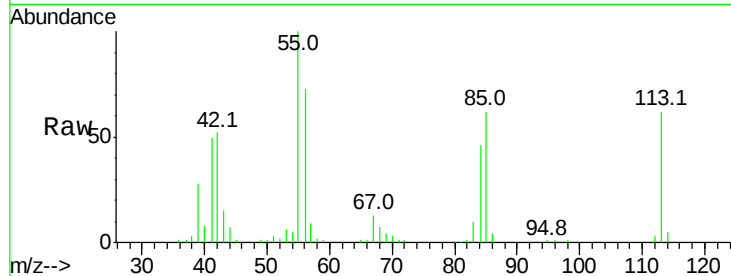
#35  
 Caprolactam  
 Concen: 43.451 ng/ml  
 RT: 8.46 min Scan# 1083  
 Delta R.T. -0.04 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB101906BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 160.6 | 150.2 | 190.2 |
| 56      | 117.4 | 107.8 | 147.8 |

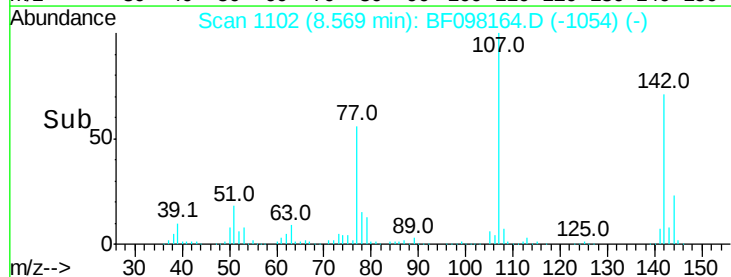
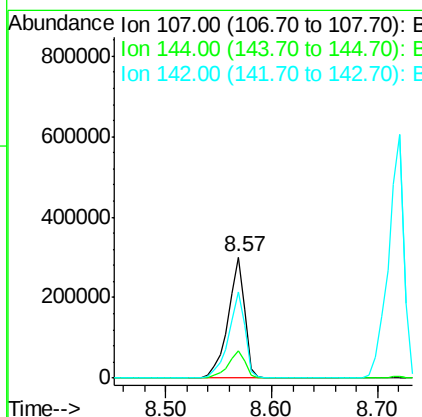
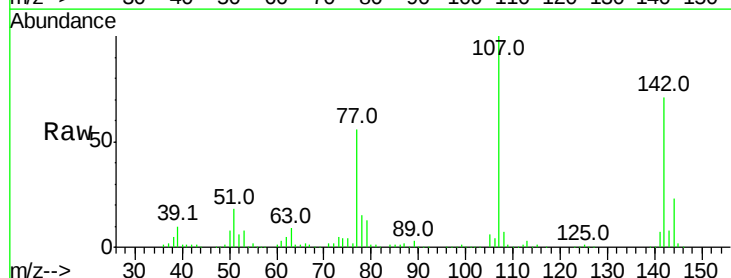
Manual Integrations  
 APPROVED

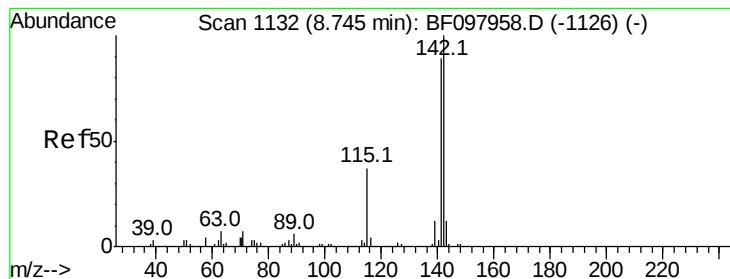
Sohil  
 8/31/2017 7:12:05 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.917 ng/ml  
 RT: 8.57 min Scan# 1102  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 144     | 22.9  | 24.2  | 36.4#  |
| 142     | 70.7  | 73.4  | 110.0# |





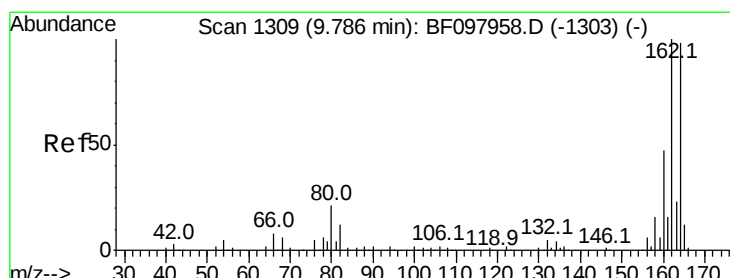
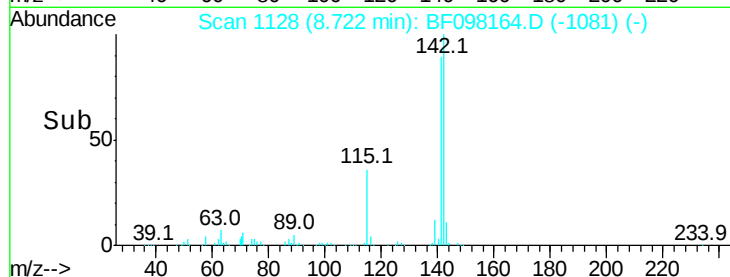
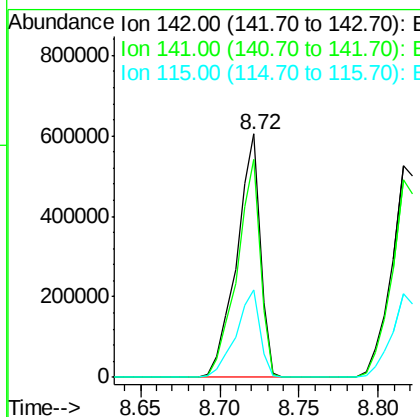
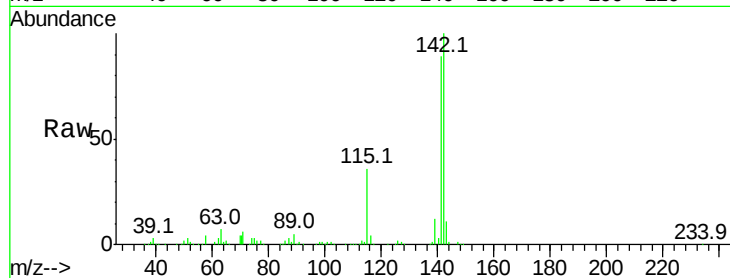
#37  
2-Methylnaphthalene  
Concen: 39.935 ng  
RT: 8.72 min Scan# 1128  
Delta R.T. -0.02 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 71.3  | 106.9 |
| 115     | 35.8  | 27.1  | 40.7  |

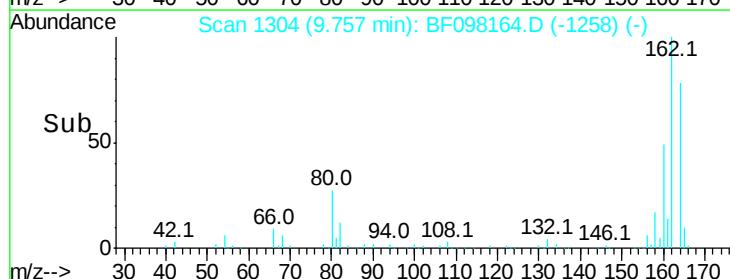
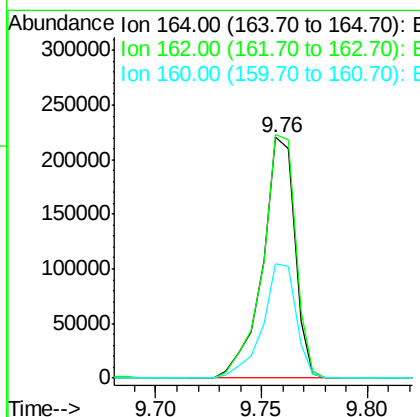
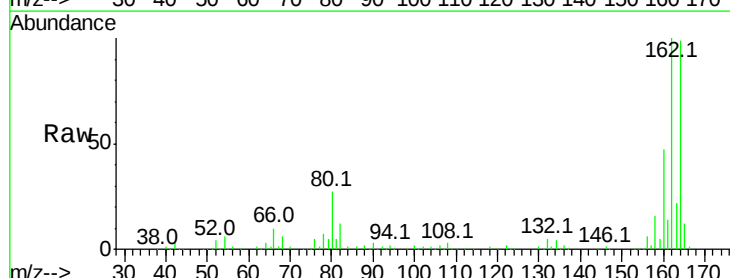
Manual Integrations  
APPROVED

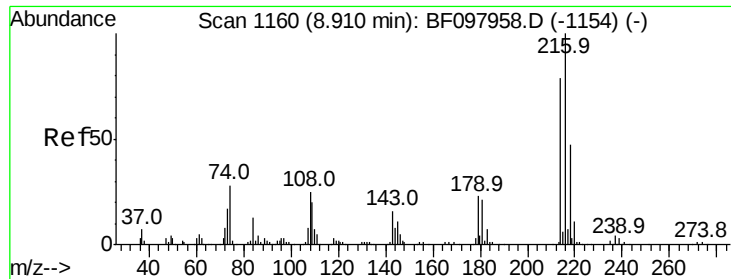
Sohil  
8/31/2017 7:12:05 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.76 min Scan# 1304  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.2 | 82.6  | 123.8 |
| 160     | 47.8  | 36.2  | 54.2  |





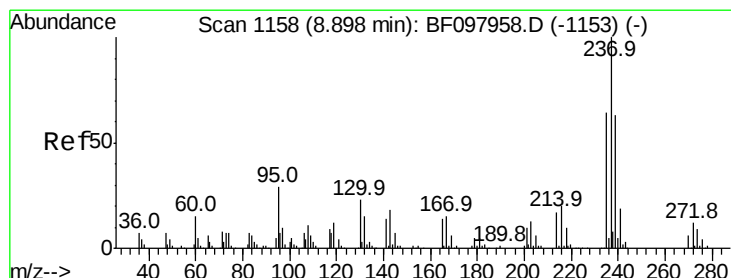
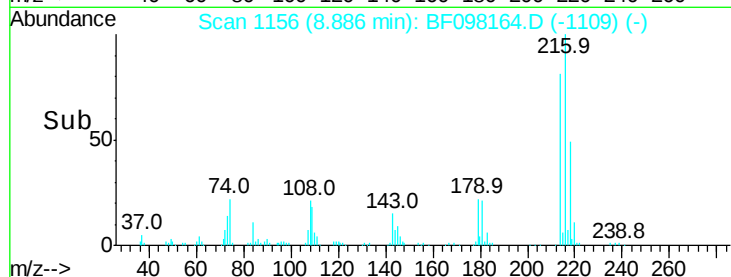
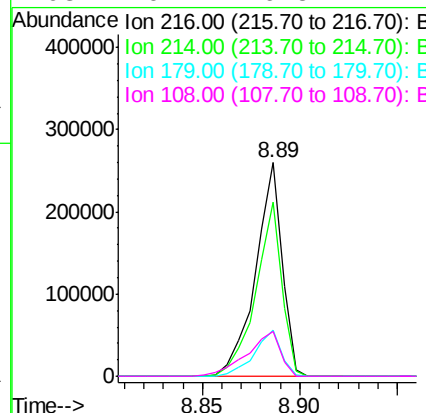
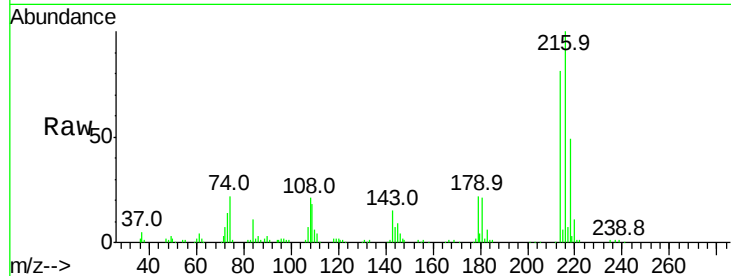
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 34.062 ng  
 RT: 8.89 min Scan# 1156  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101906BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 79.6  | 63.4       | 95.2  |
| 179     | 21.8  | 17.9       | 26.9  |
| 108     | 26.2  | 16.5       | 24.7# |

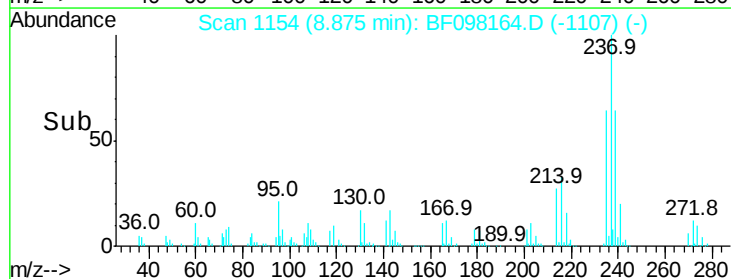
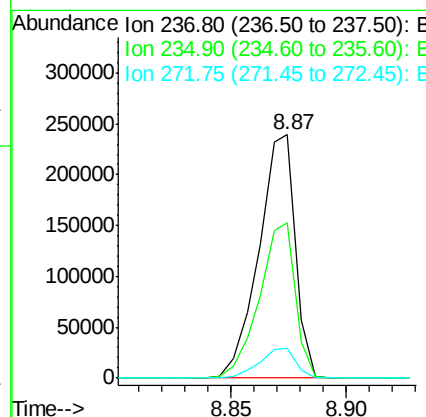
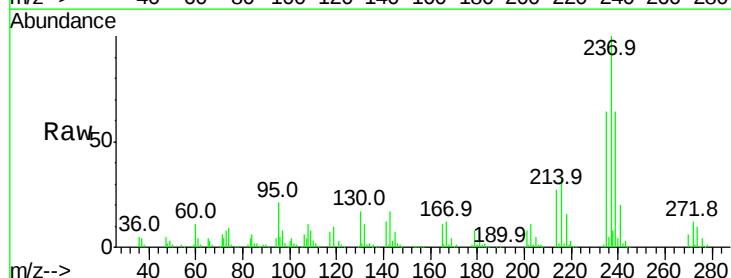
Manual Integrations  
 APPROVED

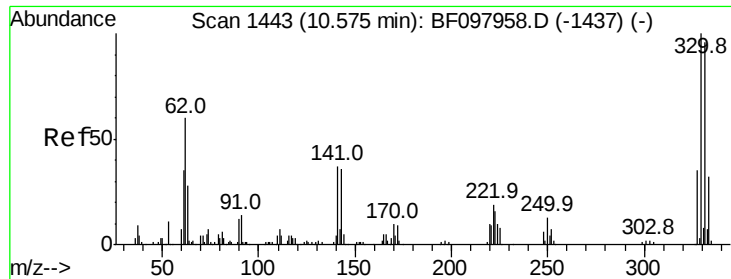
Sohil  
 8/31/2017 7:12:05 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 76.182 ng  
 RT: 8.87 min Scan# 1154  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 63.6  | 42.6       | 82.6  |
| 272     | 12.4  | 0.0        | 31.9  |





#41

2,4,6-Tribromophenol

Concen: 131.010 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

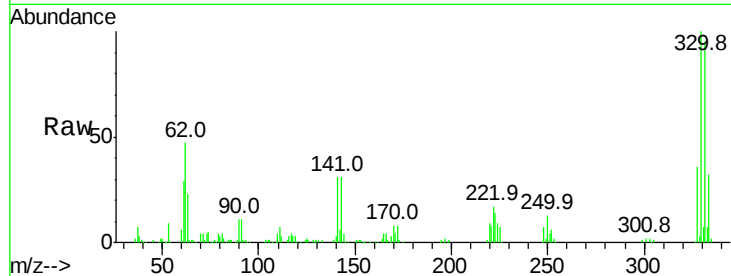
ClientSampleId :

PB101906BS

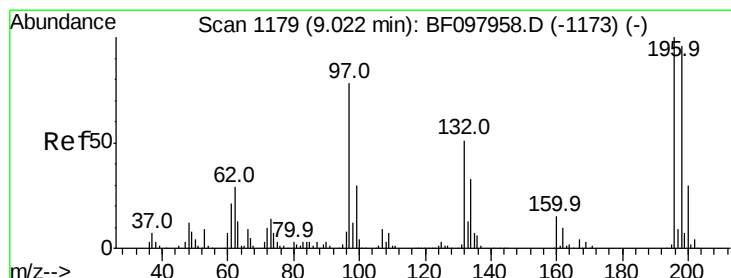
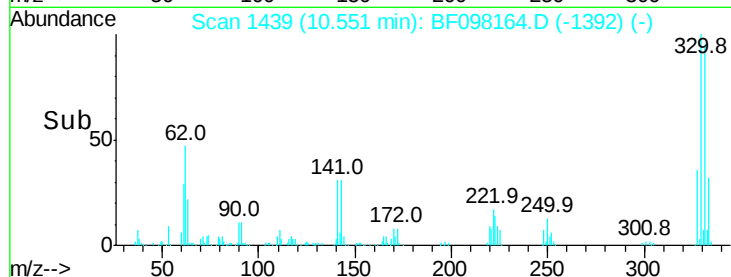
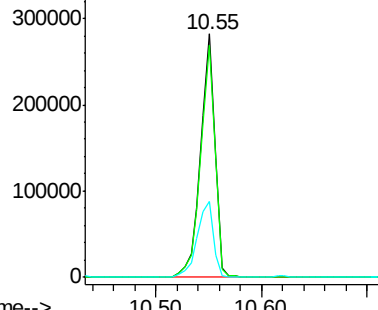
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 266632 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.9  | 76.6  | 115.0  |
| 141       | 35.8  | 31.4  | 47.2   |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



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



#42

2,4,6-Trichlorophenol

Concen: 37.898 ng

RT: 9.00 min Scan# 1175

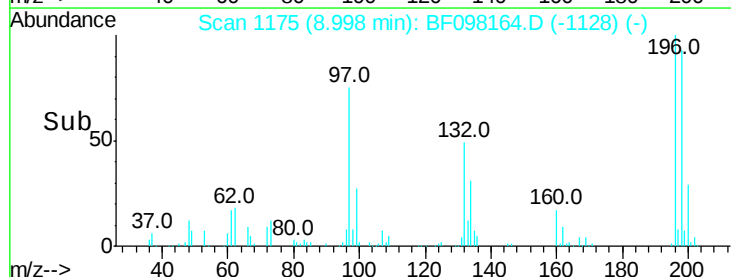
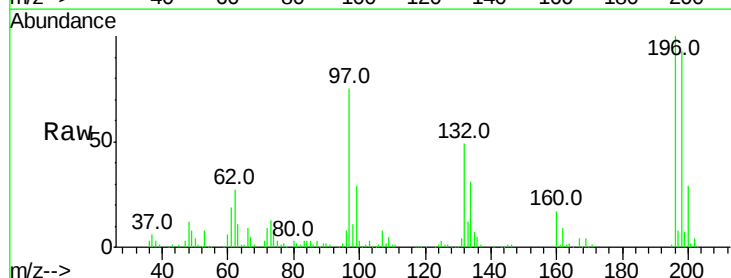
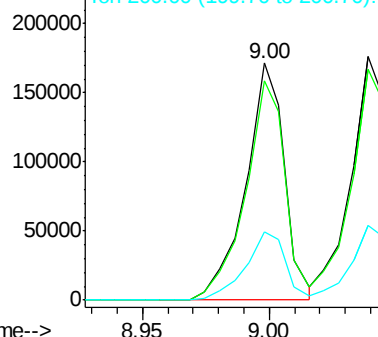
Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 183160 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 92.5  | 74.2  | 111.4  |
| 200       | 29.1  | 24.0  | 36.0   |

Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E





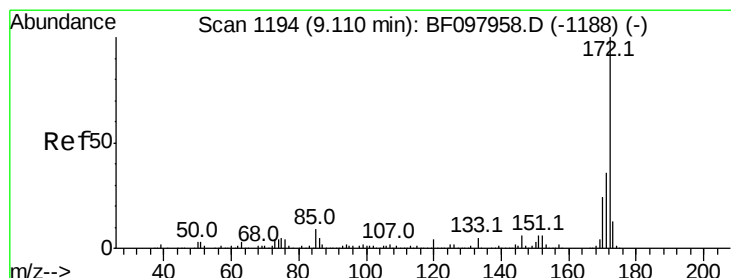
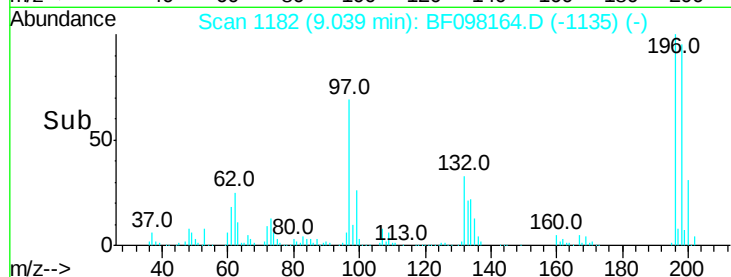
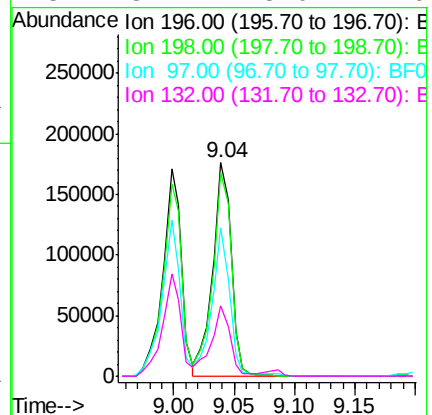
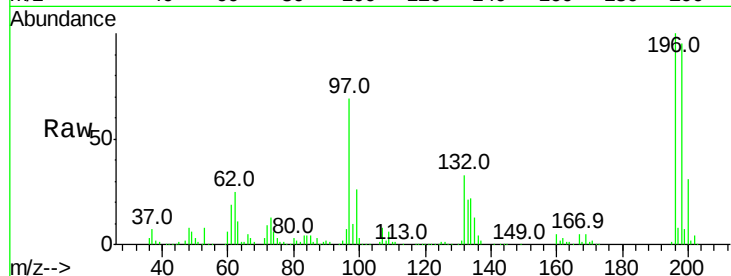
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.397 ng  
 RT: 9.04 min Scan# 1182  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB101906BS

| Tot Ion   | 196   | Resp  | 188893 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.1  | 75.7  | 113.5  |
| 97        | 69.4  | 47.7  | 71.5   |
| 132       | 32.7  | 28.0  | 42.0   |

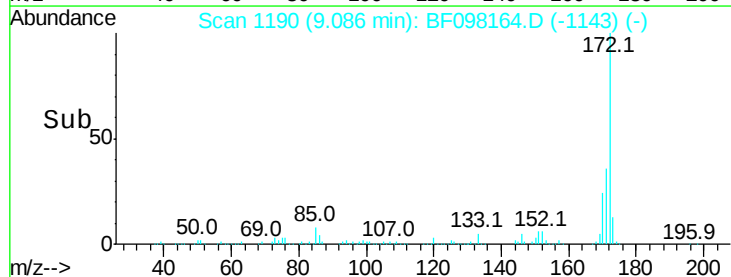
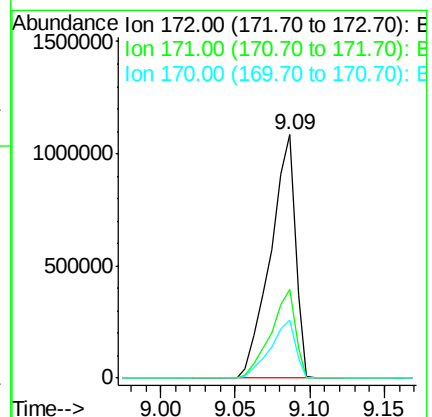
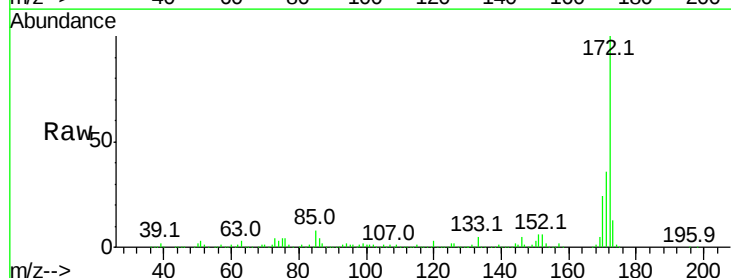
Manual Integrations  
 APPROVED

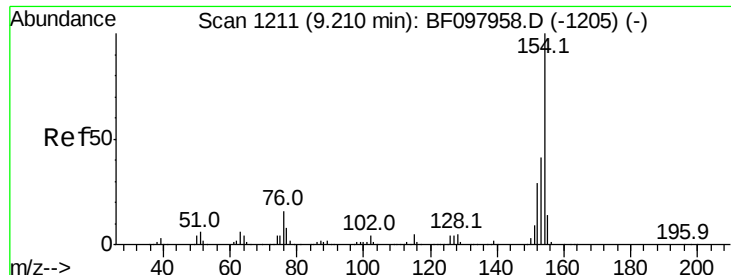
Sohil  
 8/31/2017 7:12:05 PM



#44  
 2-Fluorobiphenyl  
 Concen: 78.478 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

| Tgt Ion   | 172   | Resp  | 1252925 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 36.5  | 29.6  | 44.4    |
| 170       | 24.0  | 19.8  | 29.8    |





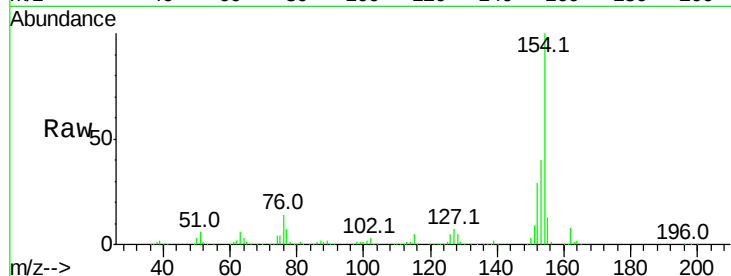
#45  
 1,1'-Biphenyl  
 Concen: 34.286 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101906BS

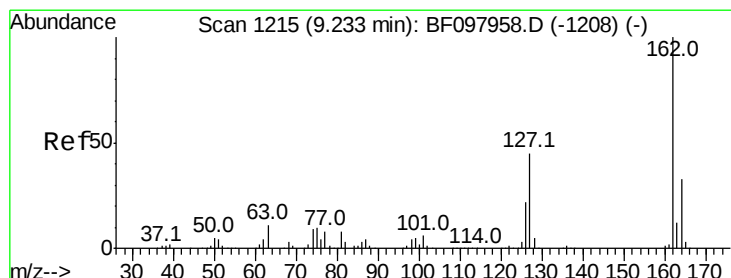
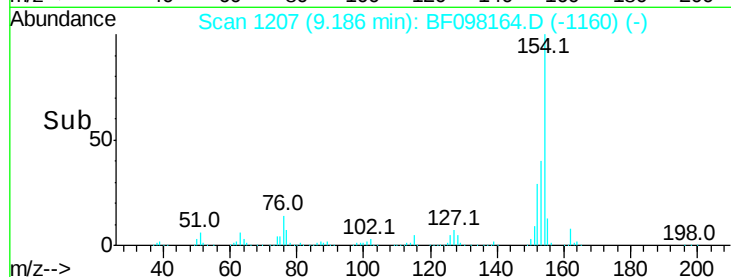
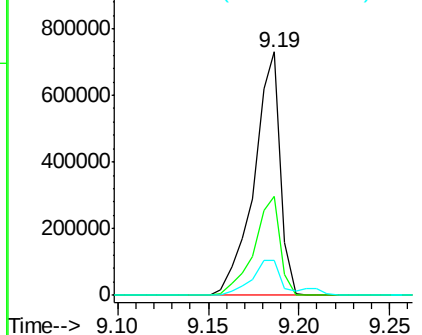
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 40.5  | 21.2 | 61.2  |       |
| 76      | 14.4  | 0.0  | 29.9  |       |

Manual Integrations  
 APPROVED

Sohil  
 8/31/2017 7:12:05 PM

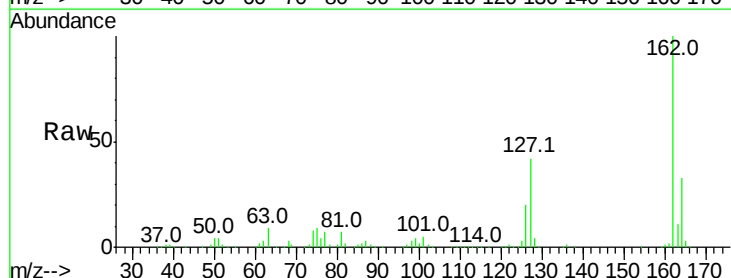


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

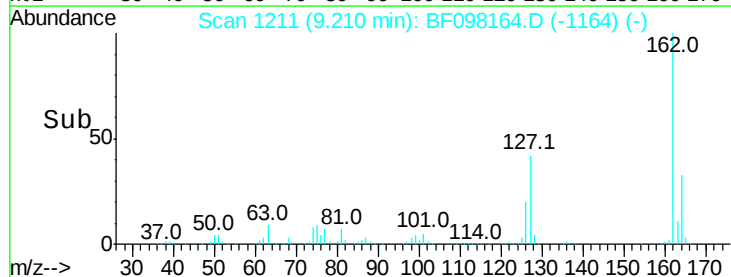
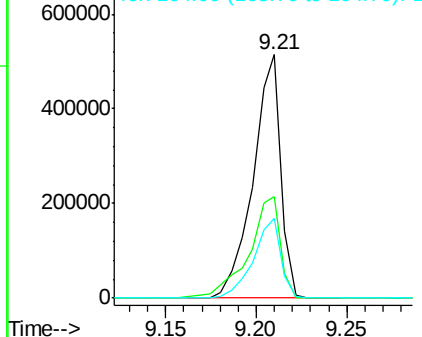


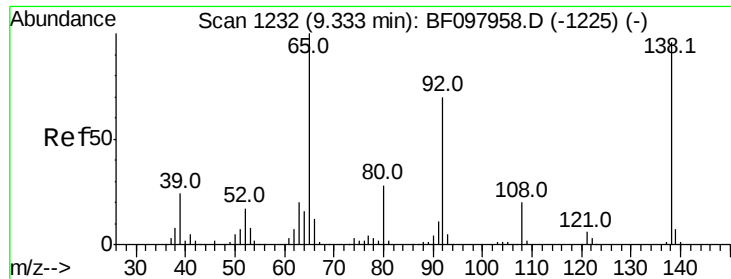
#46  
 2-Chloronaphthalene  
 Concen: 34.404 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 41.7  | 28.3 | 42.5  |       |
| 164     | 32.6  | 27.0 | 40.4  |       |



Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E





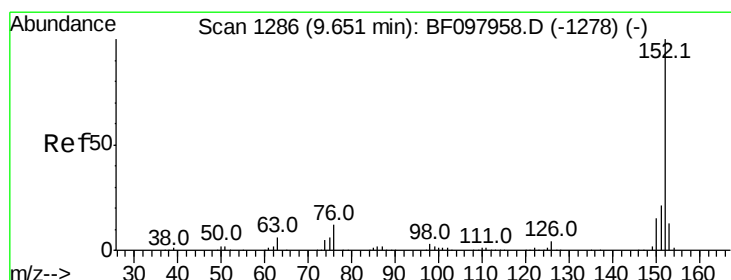
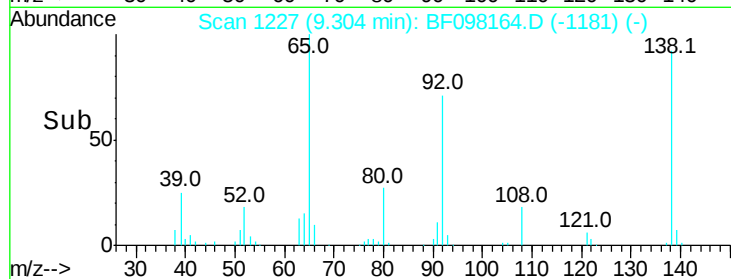
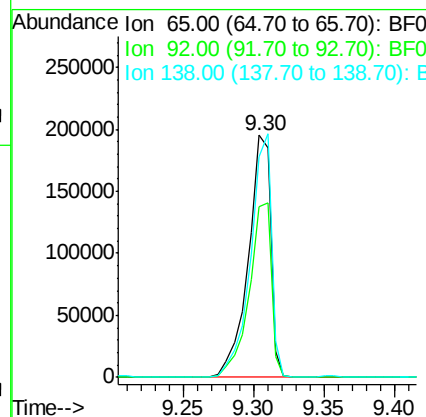
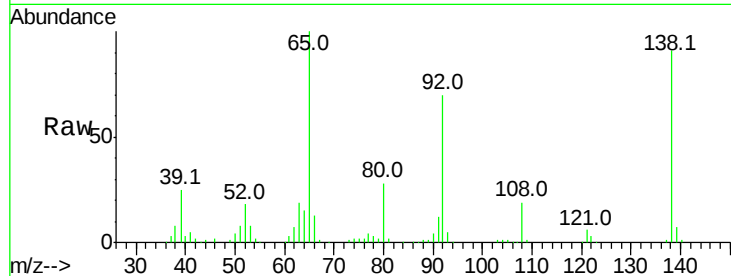
#47  
2-Nitroaniline  
Concen: 41.207 ng  
RT: 9.30 min Scan# 1227  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.3  | 53.9  | 80.9  |
| 138     | 91.2  | 78.8  | 118.2 |

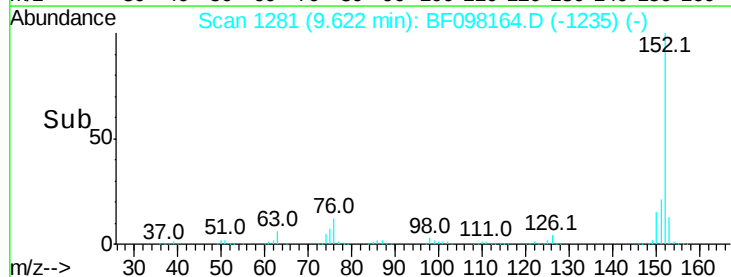
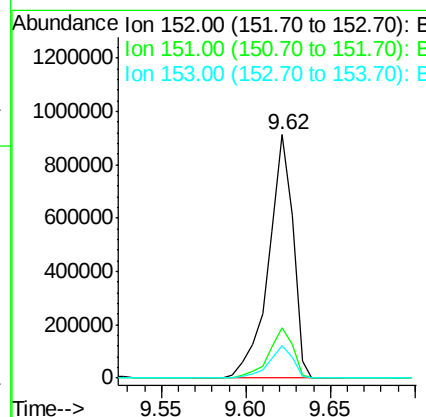
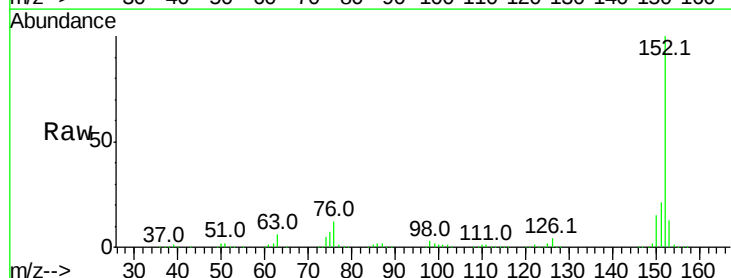
Manual Integrations  
APPROVED

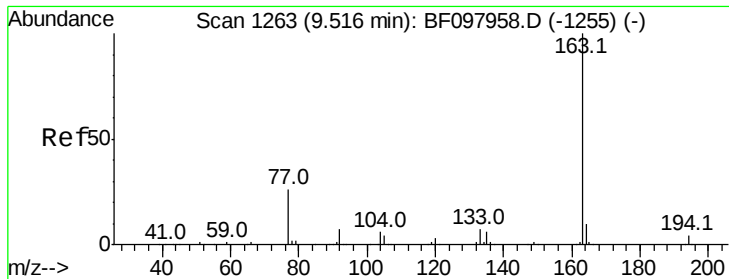
Sohil  
8/31/2017 7:12:05 PM



#48  
Acenaphthylene  
Concen: 36.731 ng  
RT: 9.62 min Scan# 1281  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 16.8  | 25.2  |
| 153     | 13.3  | 10.8  | 16.2  |





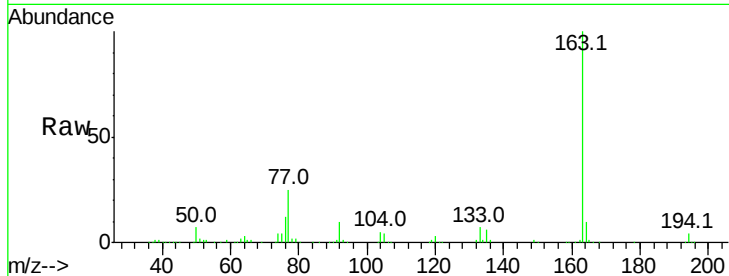
#49  
 Dimethylphthalate  
 Concen: 39.301 ng  
 RT: 9.49 min Scan# 1259  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101906BS

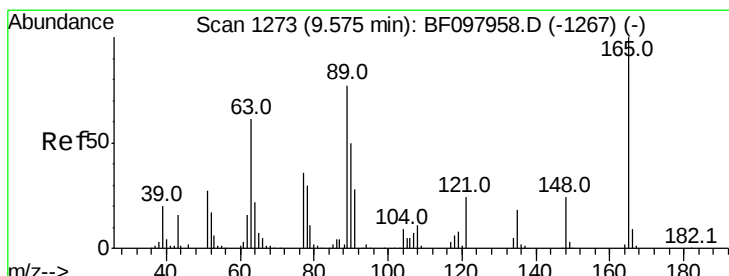
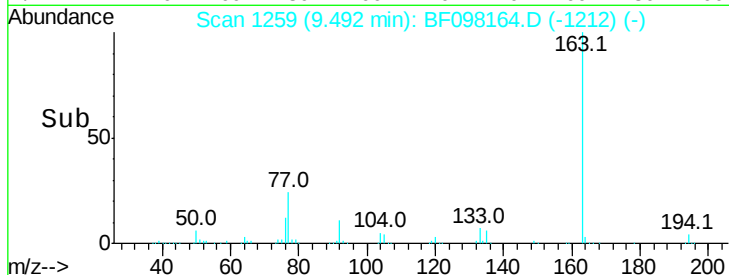
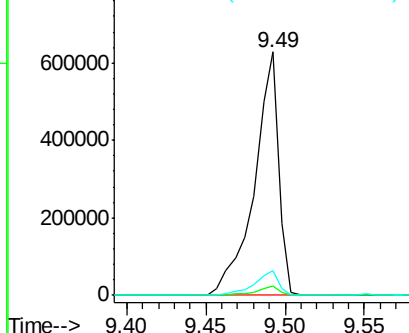
| Tot Ion   | 163   | Resp  | 673845 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.6   | 2.6   | 4.0    |
| 164       | 10.2  | 8.4   | 12.6   |

Manual Integrations  
 APPROVED

Sohil  
 8/31/2017 7:12:05 PM

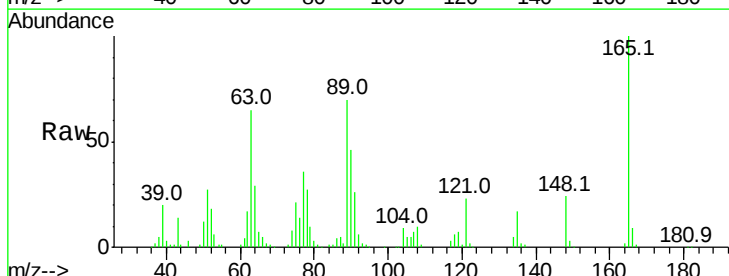


Abundance Ion 163.00 (162.70 to 163.70): E  
 Ion 194.00 (193.70 to 194.70): E  
 Ion 164.00 (163.70 to 164.70): E

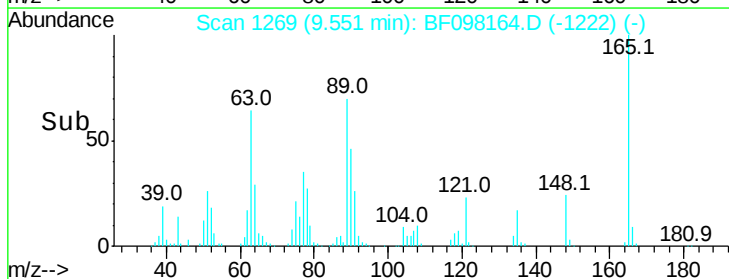
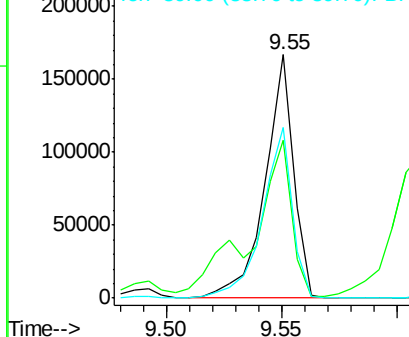


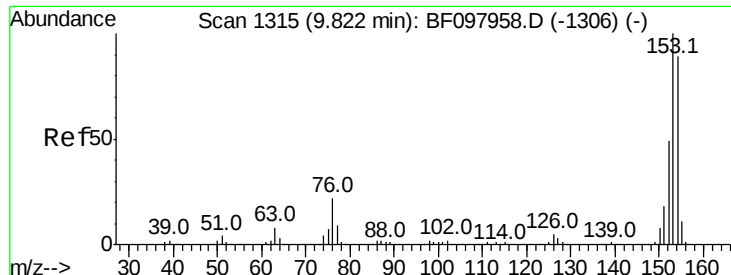
#50  
 2,6-Dinitrotoluene  
 Concen: 42.114 ng  
 RT: 9.55 min Scan# 1269  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

| Tgt Ion   | 165   | Resp  | 144135 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 64.7  | 34.3  | 51.5#  |
| 89        | 70.3  | 37.1  | 55.7#  |



Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF0  
 Ion 89.00 (88.70 to 89.70): BF0





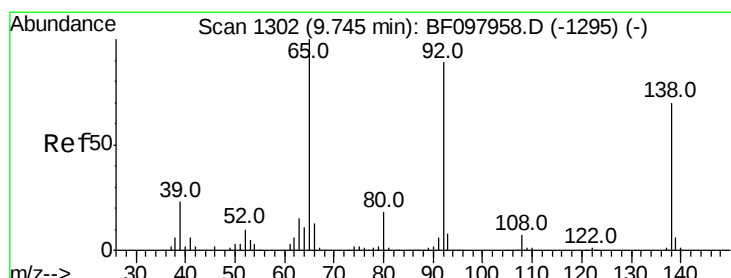
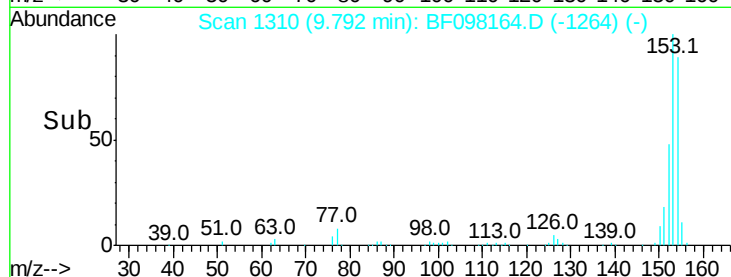
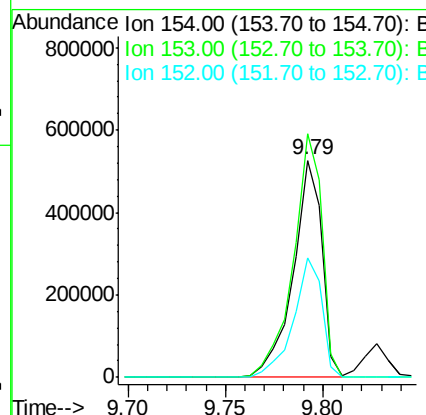
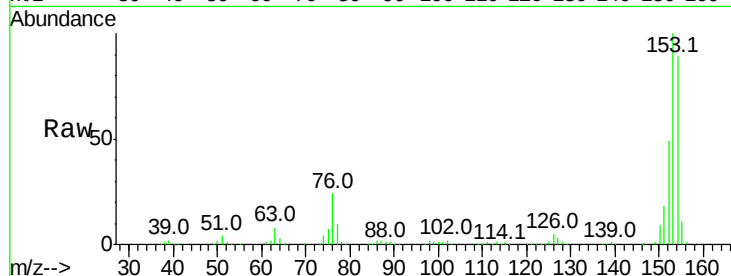
#51  
Acenaphthene  
Concen: 34.386 ng  
RT: 9.79 min Scan# 1310  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.3 | 90.5  | 135.7 |
| 152     | 55.1  | 43.6  | 65.4  |

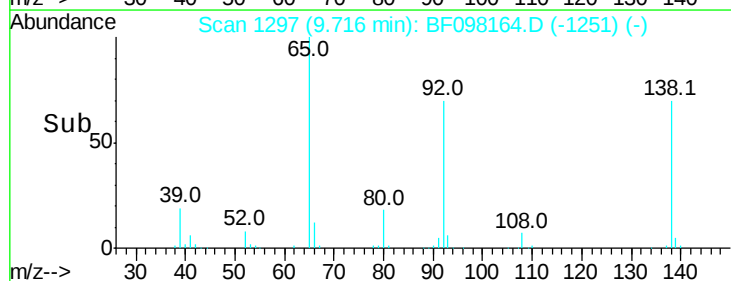
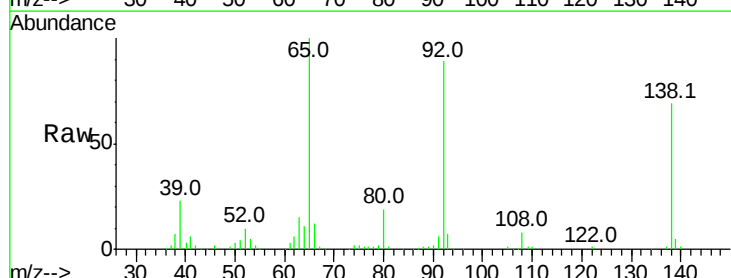
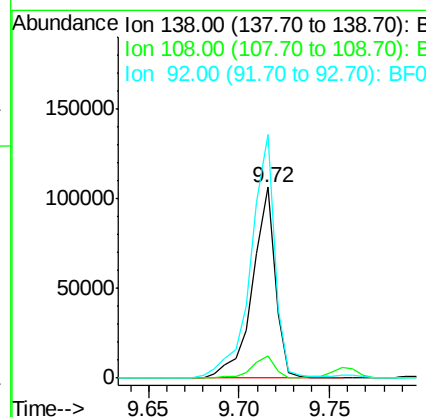
Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#52  
3-Nitroaniline  
Concen: 21.113 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.7  | 9.1   | 13.7  |
| 92      | 127.8 | 93.8  | 140.6 |





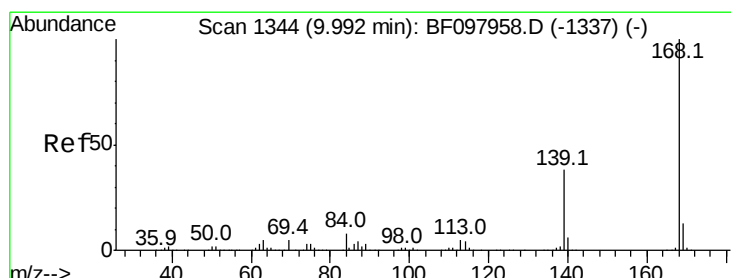
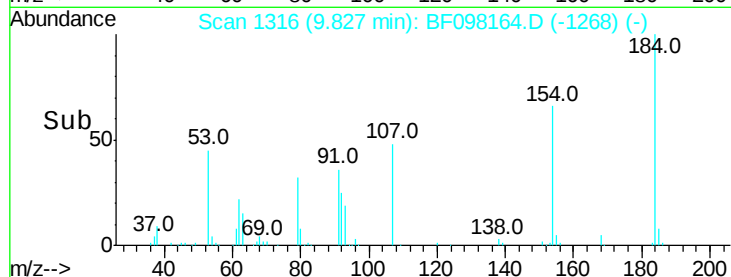
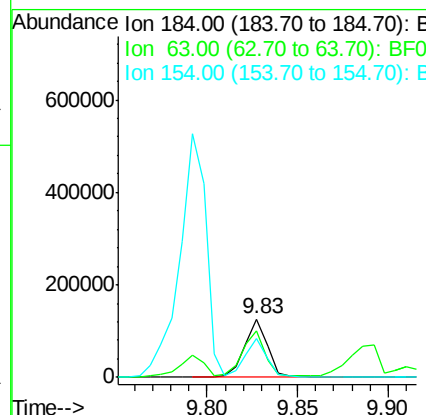
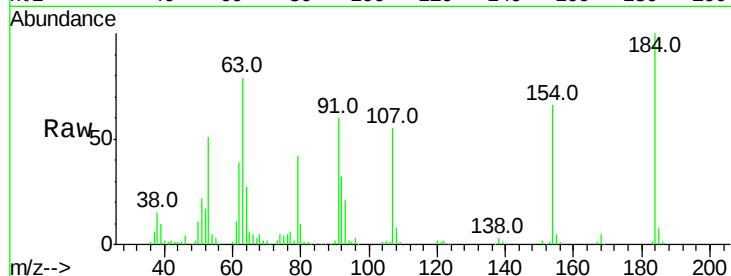
#53  
 2,4-Dinitrophenol  
 Concen: 71.318 ng  
 RT: 9.83 min Scan# 1316  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101906BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 79.0  | 62.7 | 94.1  |       |
| 154     | 65.6  | 81.1 | 121.7 |       |

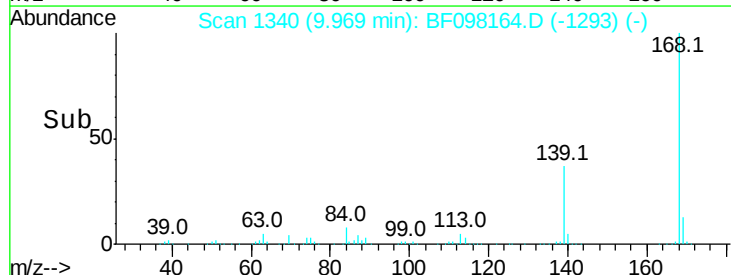
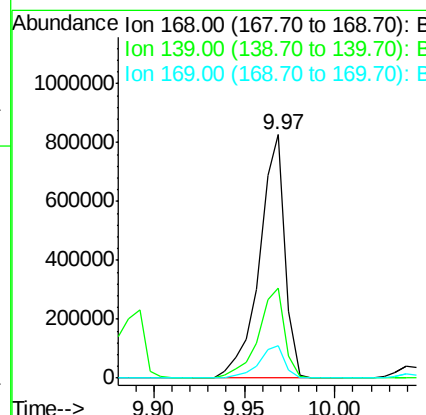
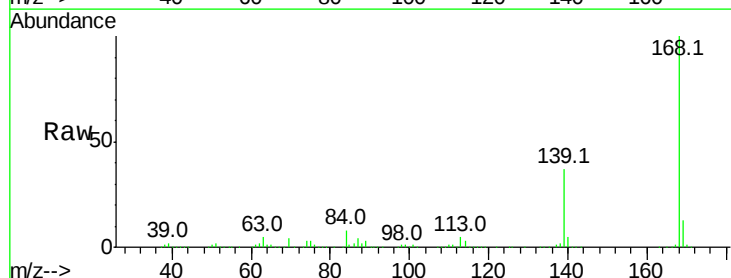
Manual Integrations  
 APPROVED

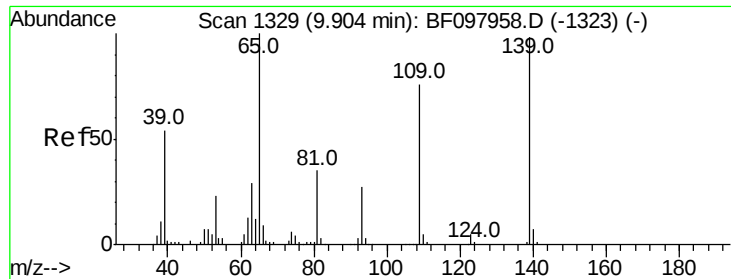
Sohil  
 8/31/2017 7:12:05 PM



#54  
 Dibenzofuran  
 Concen: 38.471 ng  
 RT: 9.97 min Scan# 1340  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 37.0  | 30.6 | 45.8  |       |
| 169     | 13.3  | 10.8 | 16.2  |       |





#55

4-Nitrophenol

Concen: 72.184 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

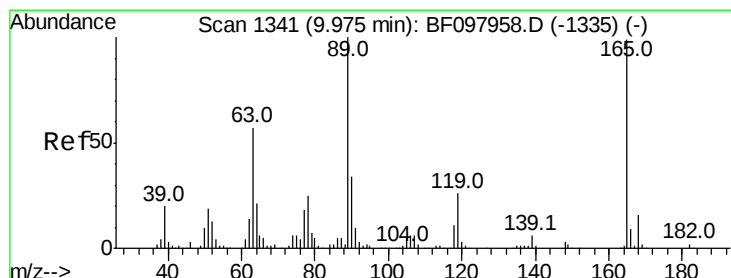
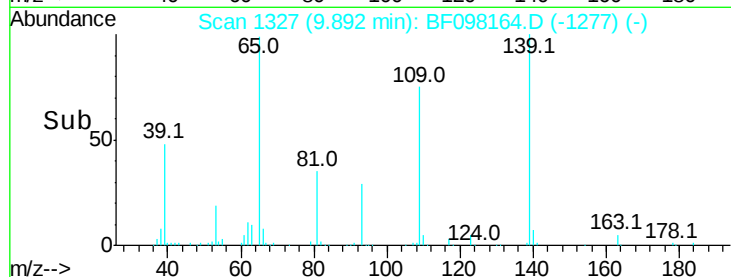
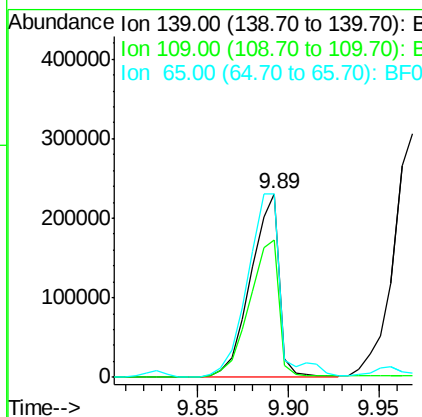
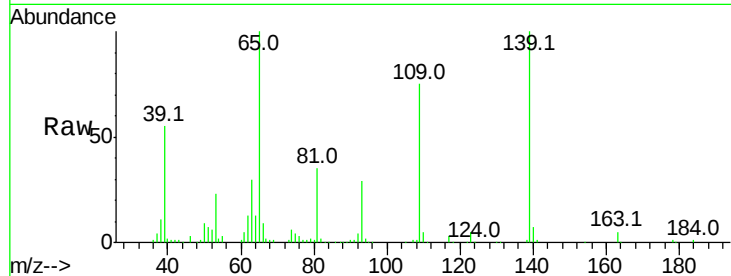
ClientSampleId :

PB101906BS

|             |       |            |
|-------------|-------|------------|
| Tot Ion:139 | Resp: | 254261     |
| Ion Ratio   | Lower | Upper      |
| 139         | 100   |            |
| 109         | 74.9  | 34.1 74.1# |
| 65          | 99.8  | 31.4 71.4# |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#56

2,4-Dinitrotoluene

Concen: 44.049 ng

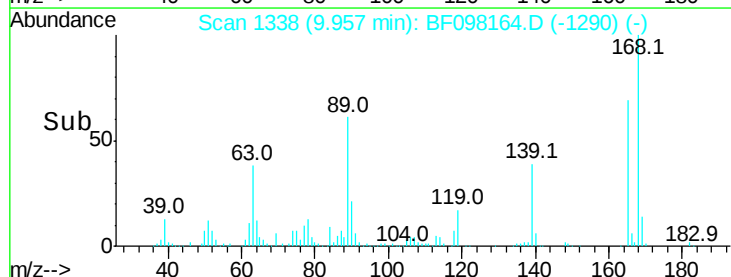
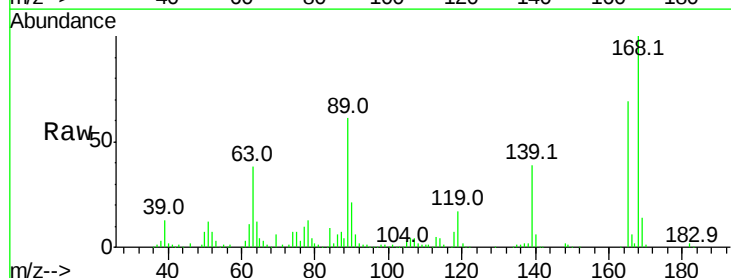
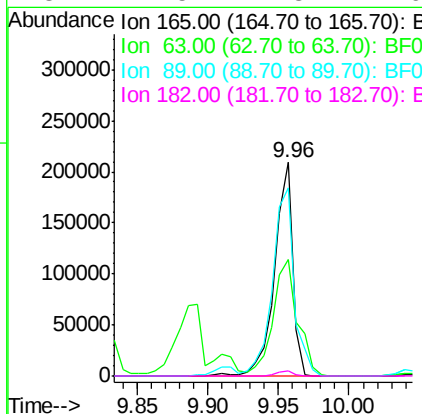
RT: 9.96 min Scan# 1338

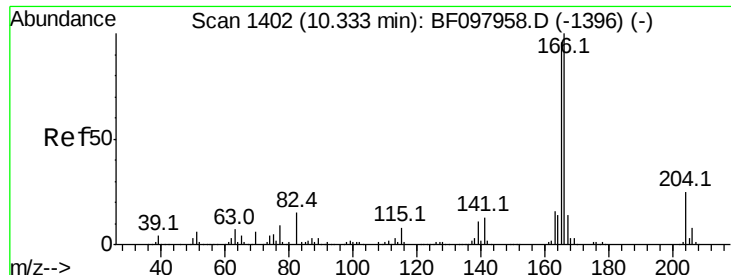
Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:165 | Resp: | 189192     |
| Ion Ratio   | Lower | Upper      |
| 165         | 100   |            |
| 63          | 54.5  | 25.4 38.0# |
| 89          | 88.1  | 46.4 69.6# |
| 182         | 2.5   | 1.8 2.6    |





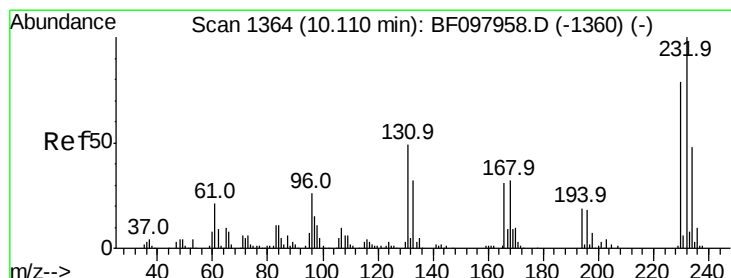
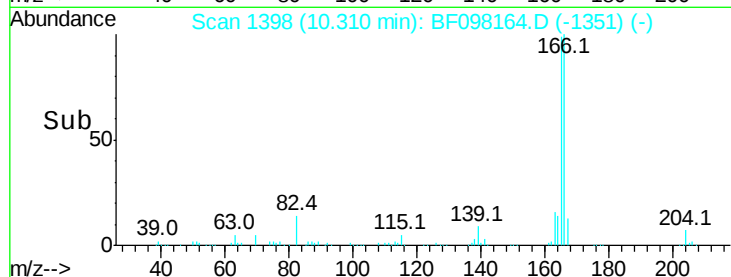
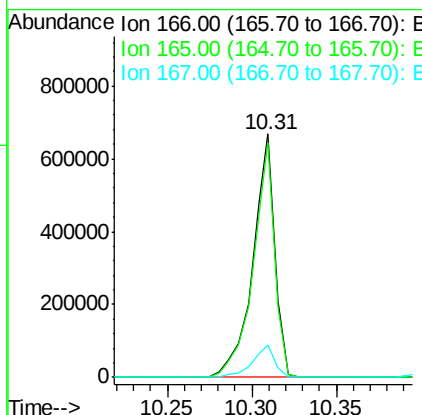
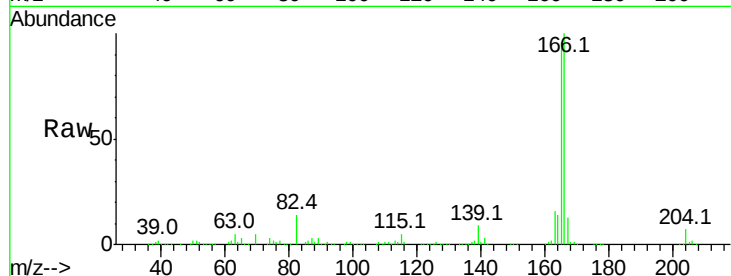
#57  
**Fluorene**  
 Concen: 37.432 ng  
 RT: 10.31 min Scan# 1398  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101906BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 607116 |       |       |
| 165     | 96.2  | 78.8   | 118.2 |       |
| 167     | 13.3  | 10.6   | 16.0  |       |

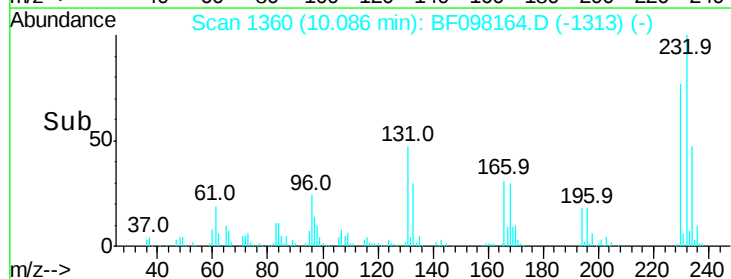
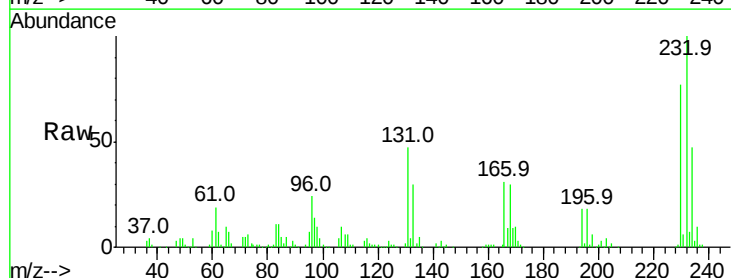
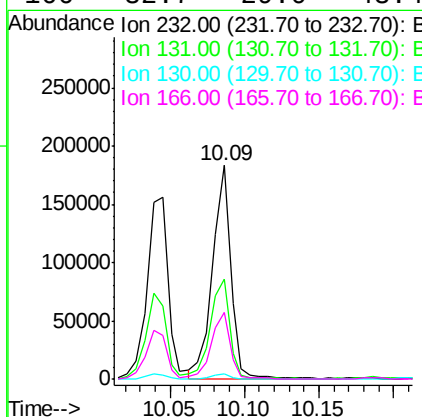
Manual Integrations  
 APPROVED

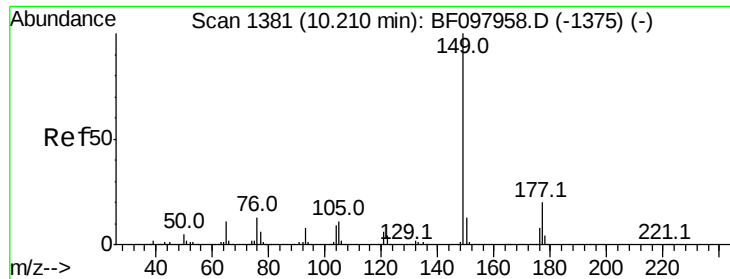
Sohil  
 8/31/2017 7:12:05 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 42.237 ng  
 RT: 10.09 min Scan# 1360  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 156792 |       |       |
| 131     | 51.6  | 44.8   | 67.2  |       |
| 130     | 2.6   | 2.3    | 3.5   |       |
| 166     | 32.7  | 29.0   | 43.4  |       |





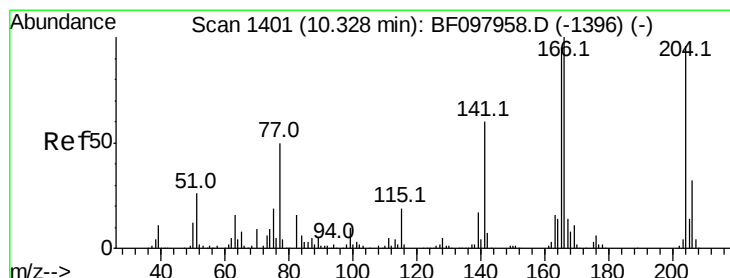
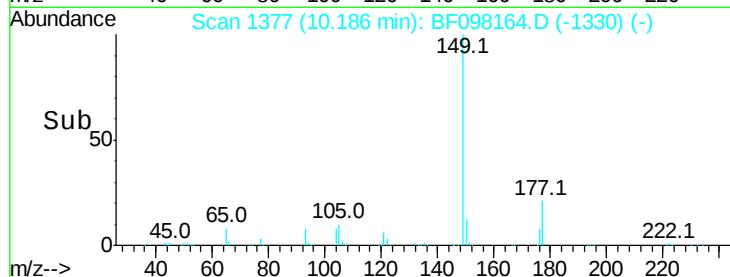
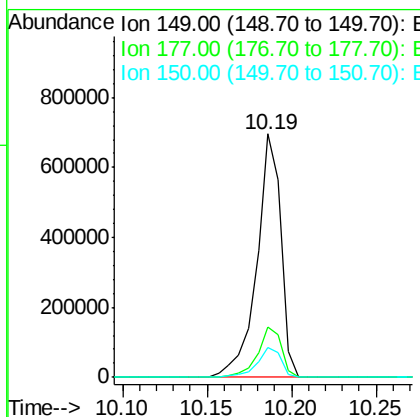
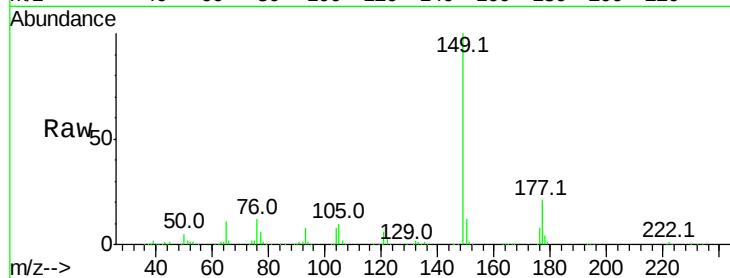
#59  
Diethylphthalate  
Concen: 38.476 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. -0.02 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 689882 |       |       |
| 177     | 20.8  | 16.7   | 25.1  |       |
| 150     | 12.3  | 10.2   | 15.2  |       |

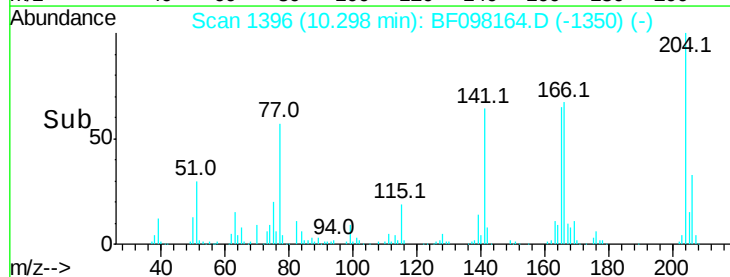
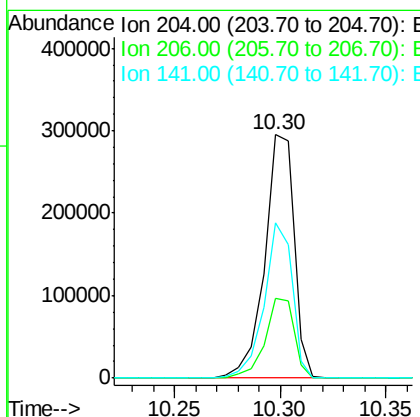
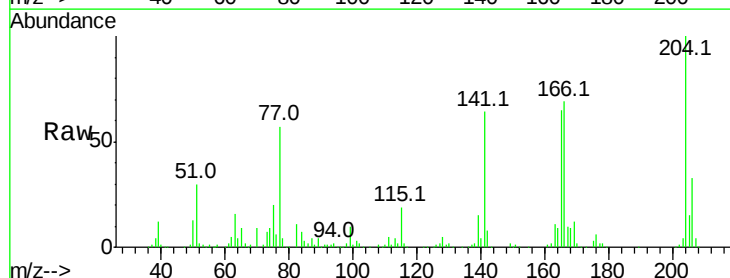
Manual Integrations  
APPROVED

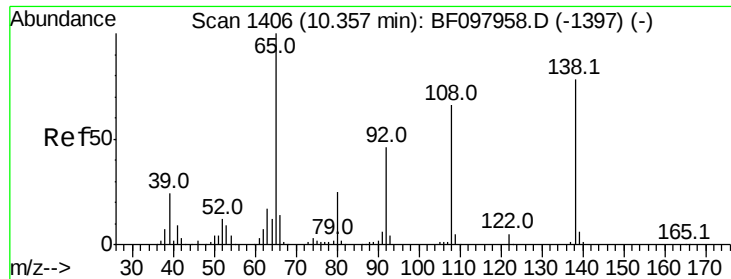
Sohil  
8/31/2017 7:12:05 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 38.096 ng  
RT: 10.30 min Scan# 1396  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 287054 |       |       |
| 206     | 32.6  | 26.2   | 39.2  |       |
| 141     | 63.7  | 60.8   | 91.2  |       |





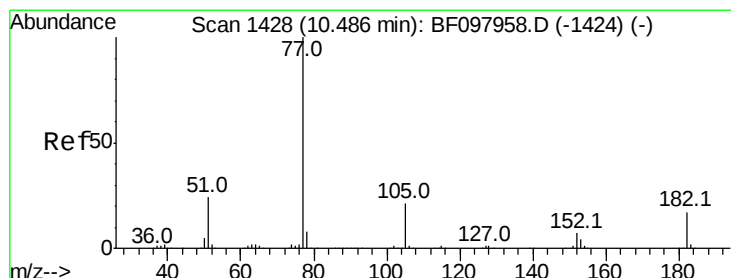
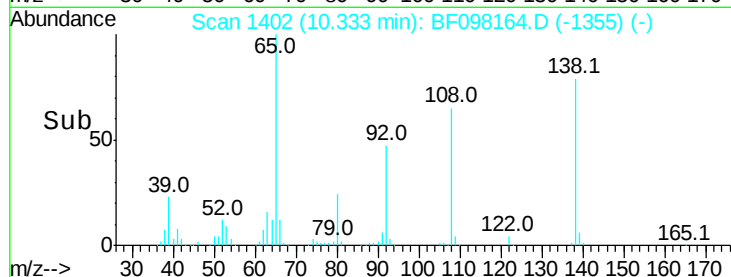
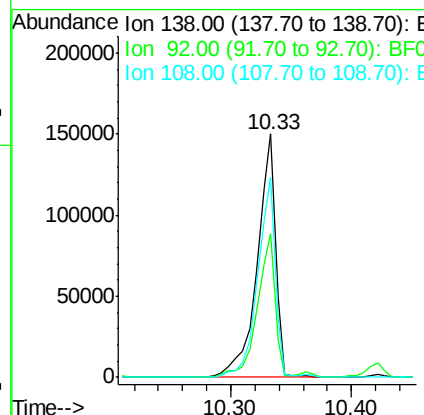
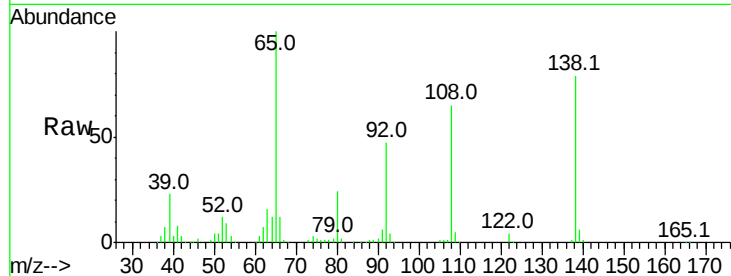
#61  
4-Nitroaniline  
Concen: 38.291 ng  
RT: 10.33 min Scan# 1402  
Delta R.T. -0.02 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 160699 |       |       |
| 92      | 59.3  | 21.8   | 61.8  |       |
| 108     | 82.4  | 42.3   | 82.3  |       |

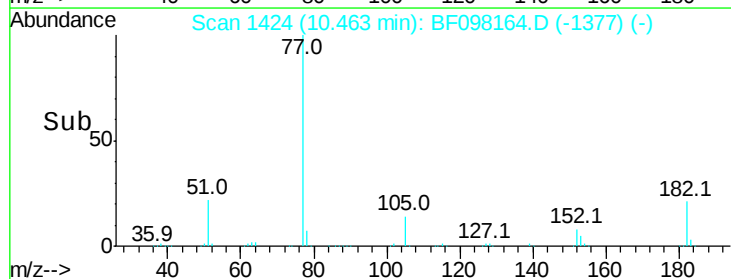
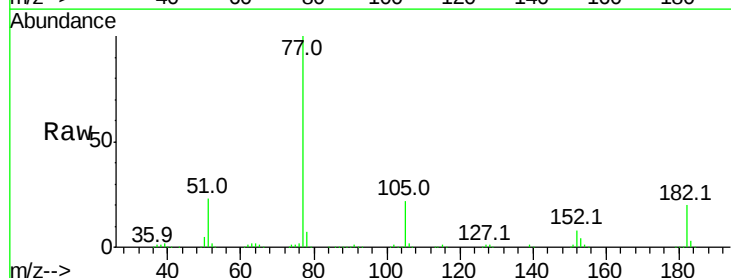
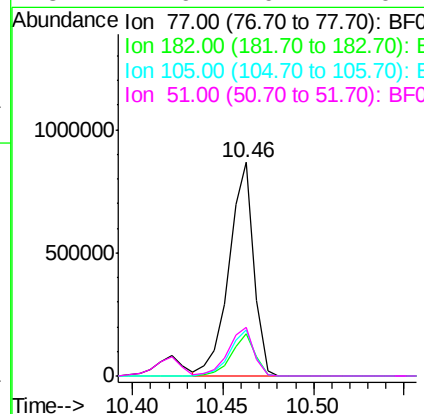
Manual Integrations  
APPROVED

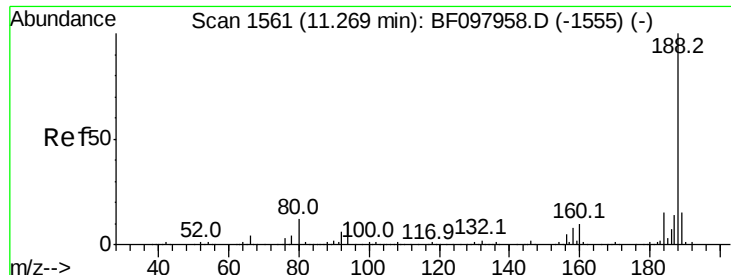
Sohil  
8/31/2017 7:12:05 PM



#62  
Azobenzene  
Concen: 38.523 ng  
RT: 10.46 min Scan# 1424  
Delta R.T. -0.02 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 820470 |       |       |
| 182     | 19.9  | 0.1    | 40.1  |       |
| 105     | 21.8  | 3.6    | 43.6  |       |
| 51      | 22.9  | 9.4    | 49.4  |       |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

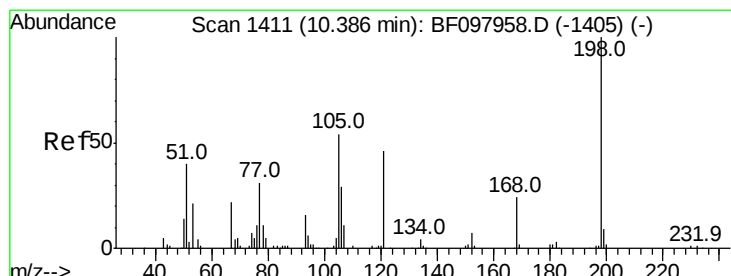
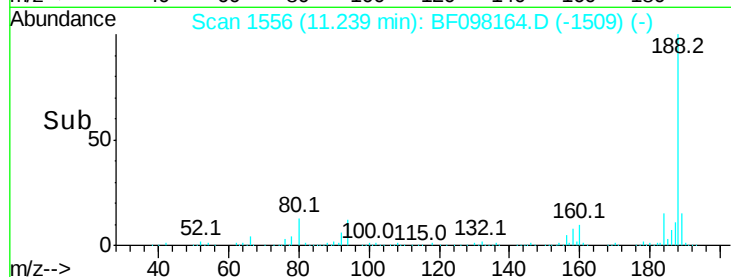
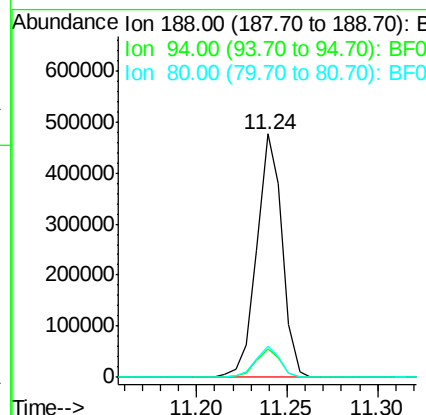
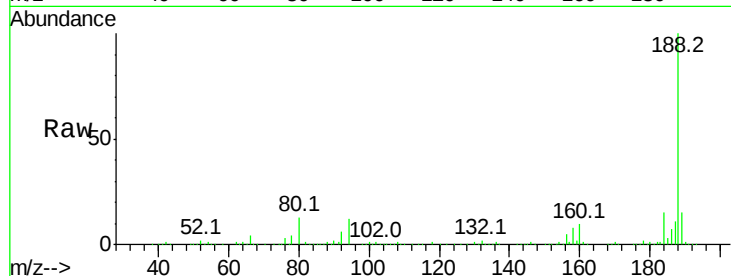
ClientSampleId :

PB101906BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 461426 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 12.0  | 9.4   | 14.2   |
| 80        | 12.8  | 10.2  | 15.2   |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 39.959 ng

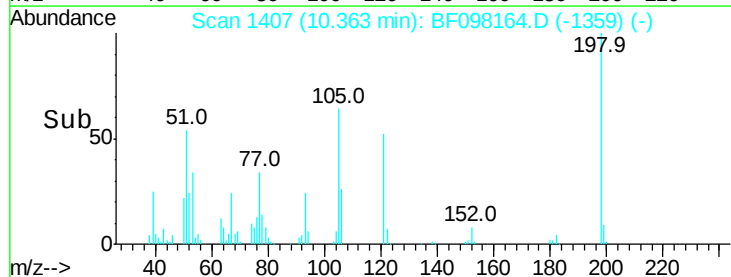
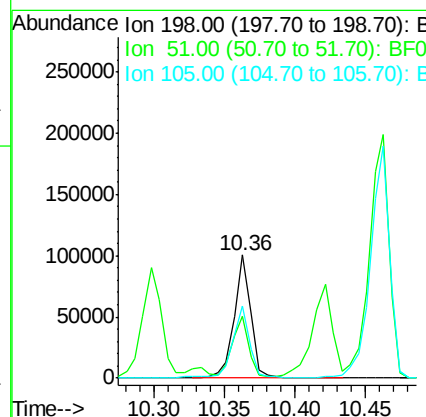
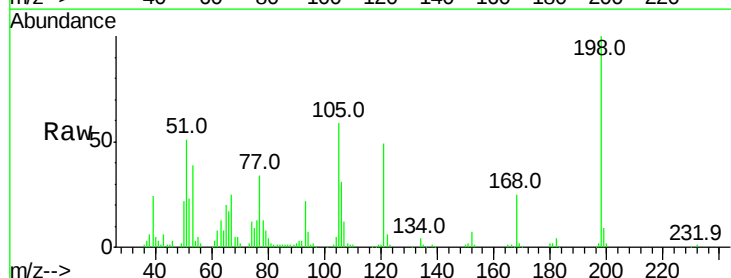
RT: 10.36 min Scan# 1407

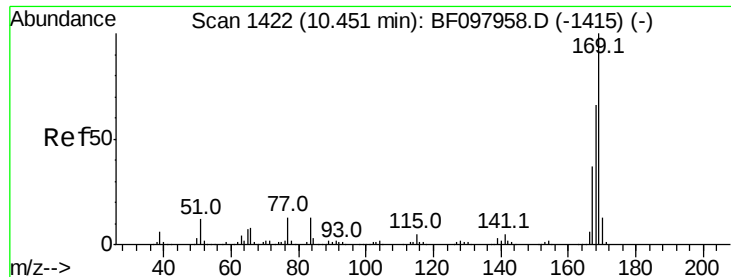
Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 83219 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 50.8  | 53.2  | 93.2# |
| 105       | 59.0  | 45.8  | 85.8  |





#65

n-Nitrosodiphenylamine

Concen: 36.277 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

ClientSampleId :

PB101906BS

Tot Ion:169 Resp: 570023

Ion Ratio Lower Upper

169 100

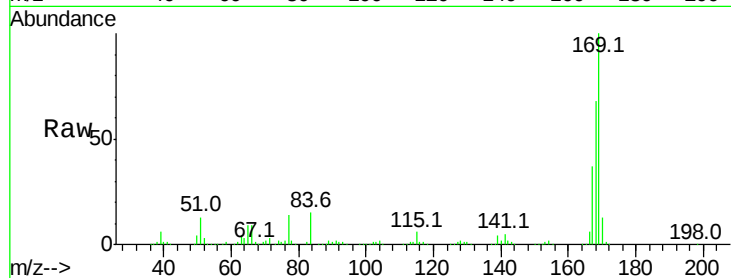
168 67.9 53.2 79.8

167 37.2 29.5 44.3

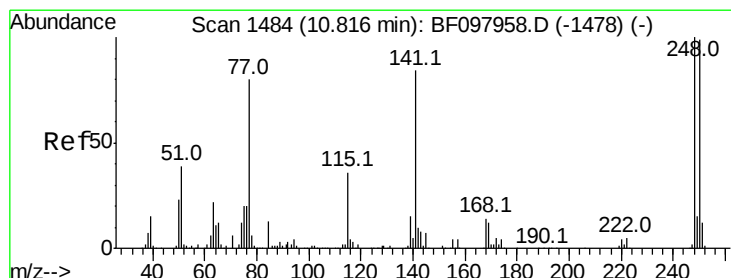
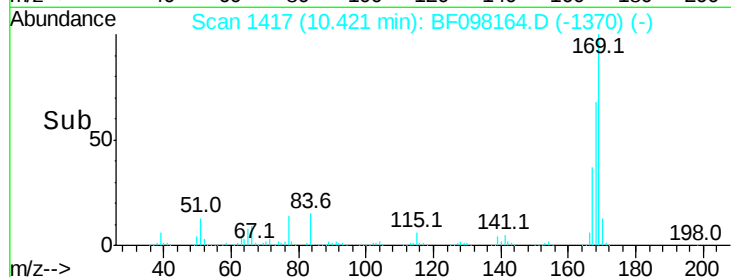
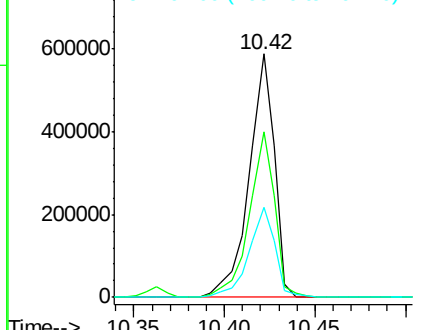
Manual Integrations  
APPROVED

Sohil

8/31/2017 7:12:05 PM



Abundance Ion 169.00 (168.70 to 169.70): E  
800000  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.169 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.03 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

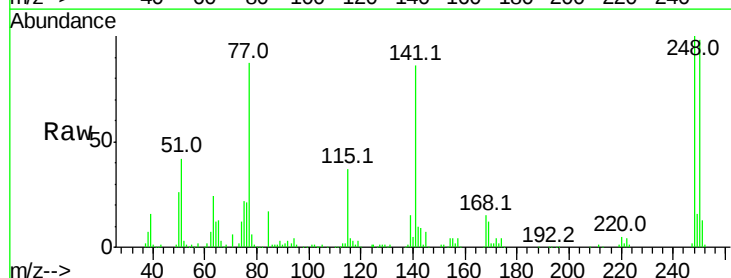
Tgt Ion:248 Resp: 178102

Ion Ratio Lower Upper

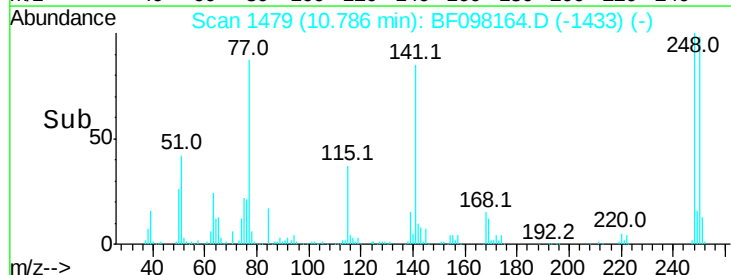
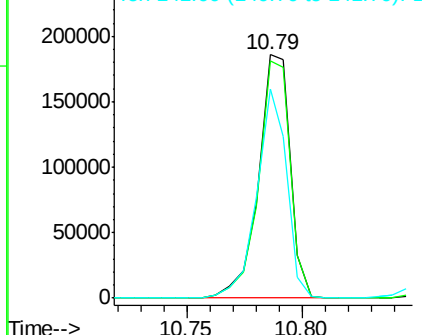
248 100

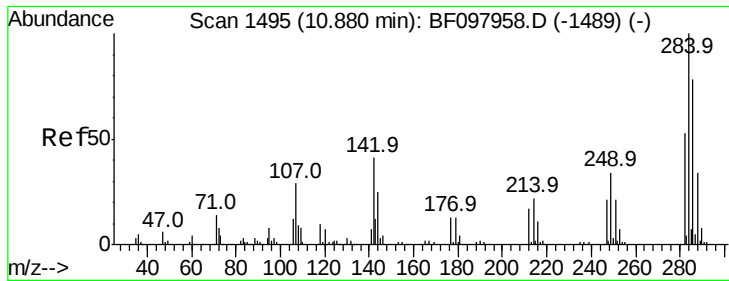
250 97.6 76.8 115.2

141 85.7 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E  
250000  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.747 ng

RT: 10.86 min Scan# 1491

Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

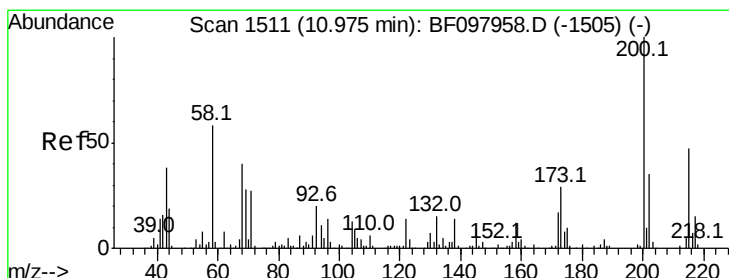
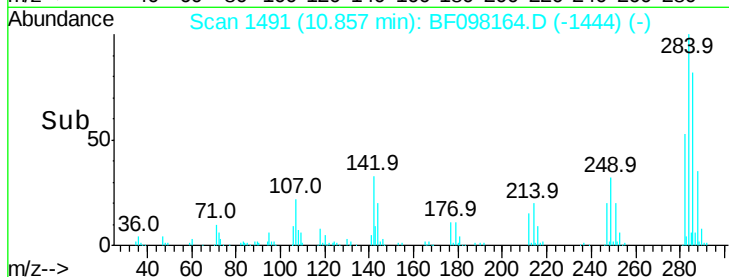
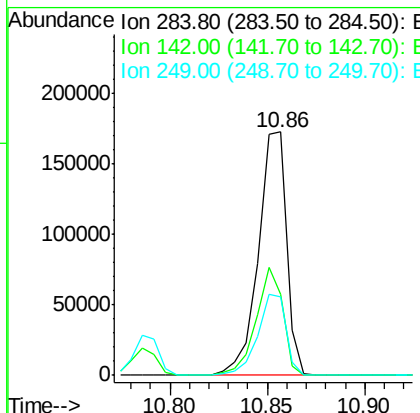
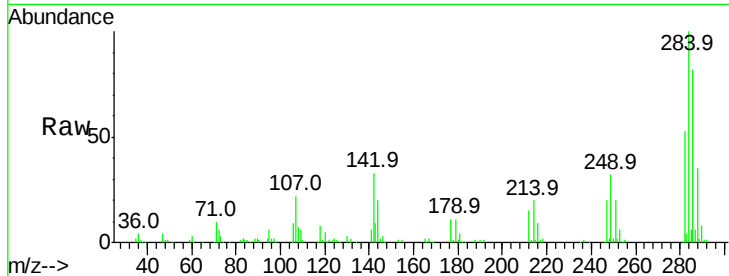
ClientSampleId :

PB101906BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 174583 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 33.4 | 22.8  | 34.2   |
| 249       | 32.2 | 24.0  | 36.0   |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#68

Atrazine

Concen: 41.827 ng

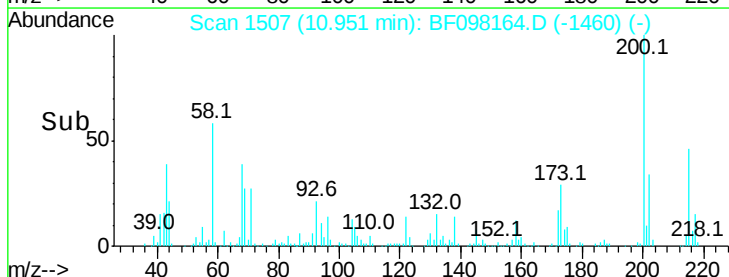
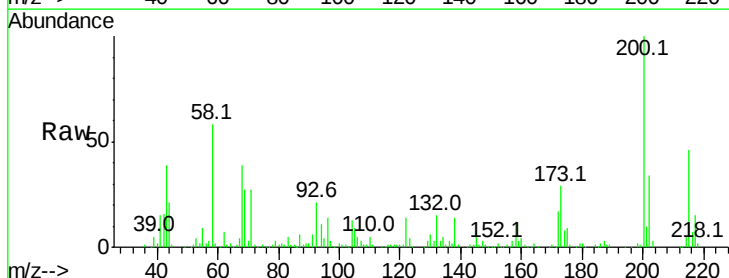
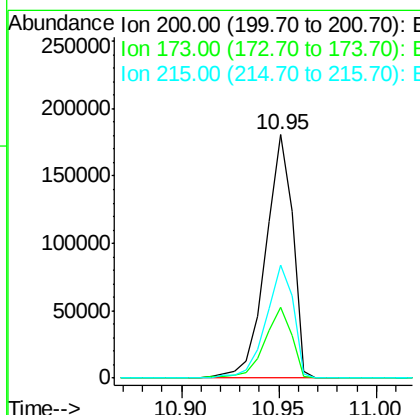
RT: 10.95 min Scan# 1507

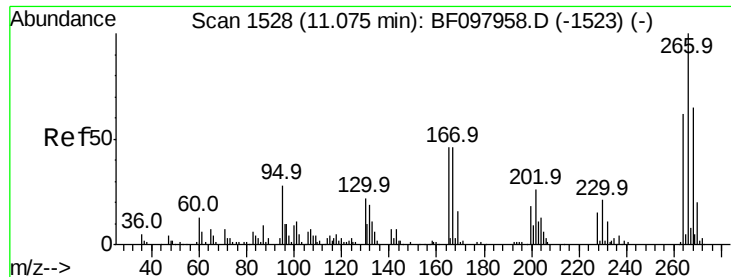
Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 174295 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 29.0 | 6.3   | 46.3   |
| 215       | 46.3 | 27.2  | 67.2   |





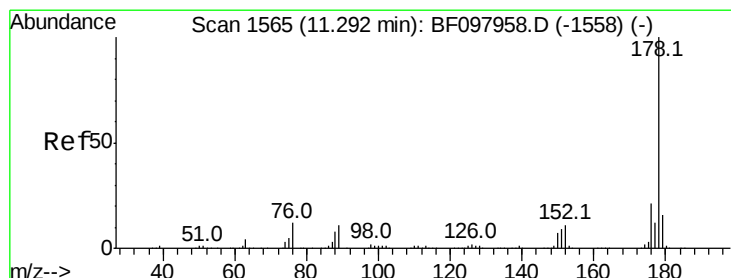
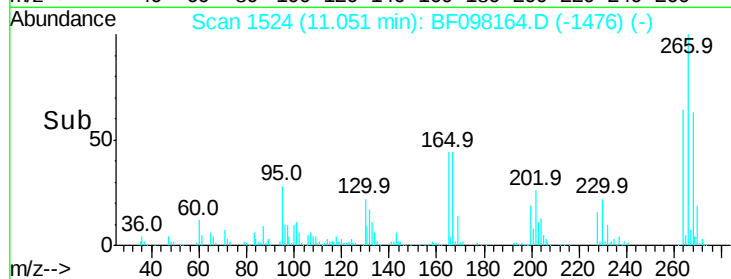
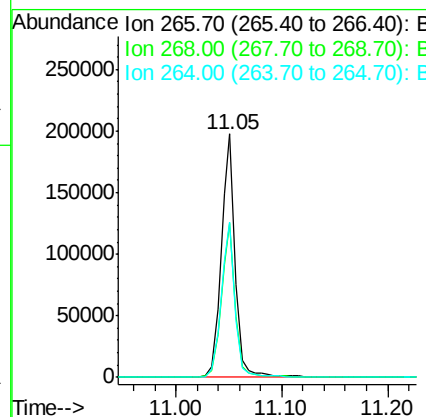
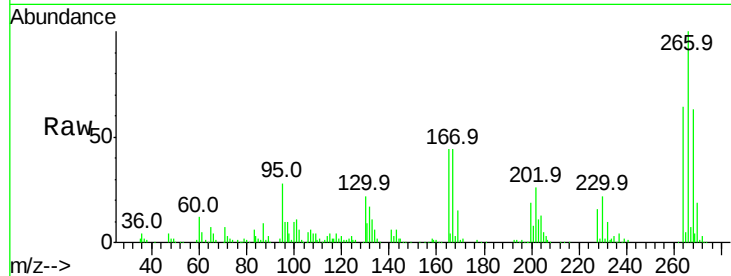
#69  
 Pentachlorophenol  
 Concen: 65.059 ng  
 RT: 11.05 min Scan# 1524  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101906BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 266   | Resp: | 185262 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 63.5  | 51.1  | 76.7   |
| 264       | 63.8  | 51.7  | 77.5   |

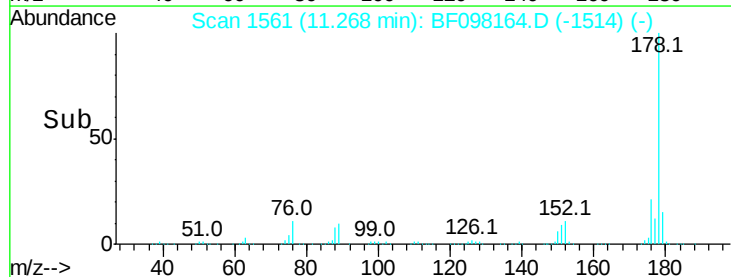
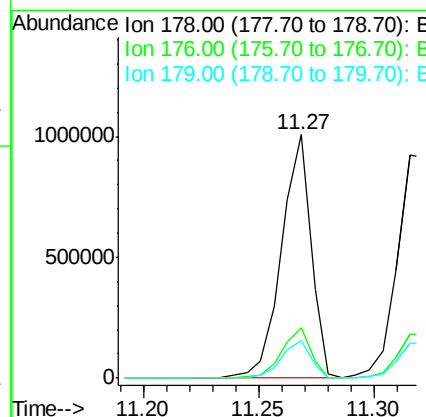
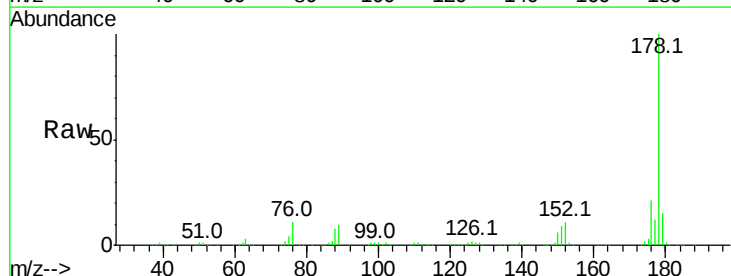
Manual Integrations  
 APPROVED

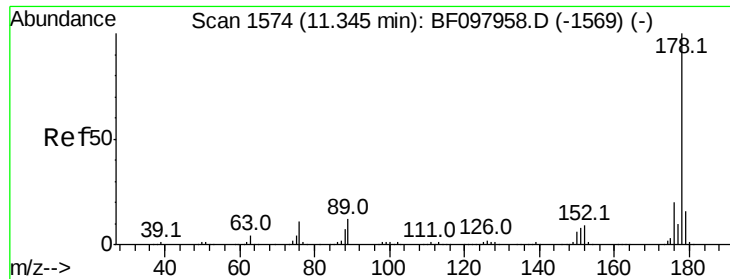
Sohil  
 8/31/2017 7:12:05 PM



#70  
 Phenanthrene  
 Concen: 36.450 ng  
 RT: 11.27 min Scan# 1561  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 896224 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 20.6  | 16.2  | 24.4   |
| 179       | 15.5  | 12.6  | 19.0   |





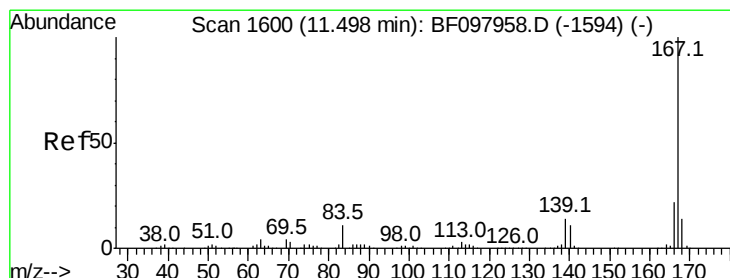
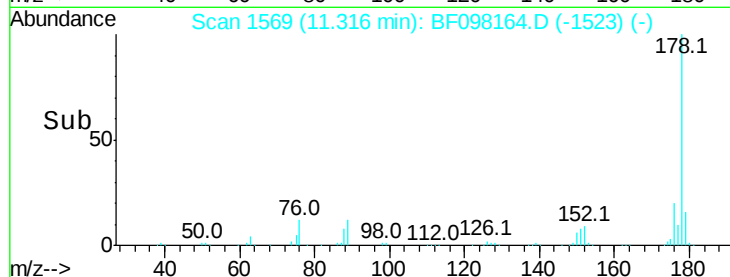
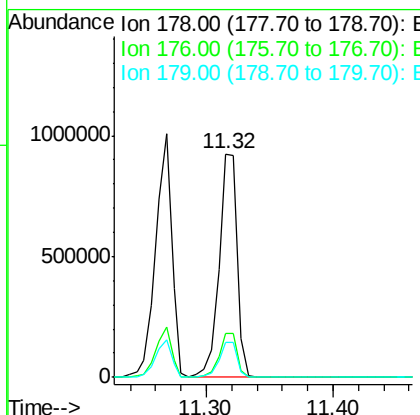
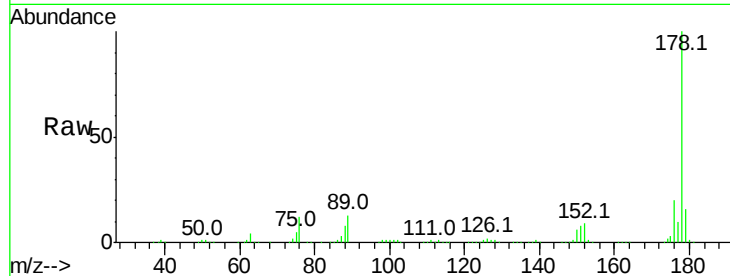
#71  
 Anthracene  
 Concen: 37.223 ng  
 RT: 11.32 min Scan# 1569  
 Delta R.T. -0.03 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101906BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 15.8  | 23.8  |
| 179     | 15.7  | 12.7  | 19.1  |

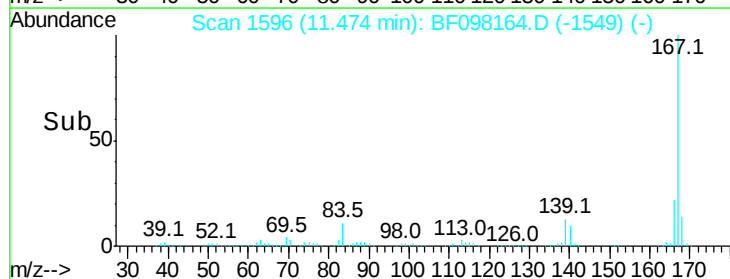
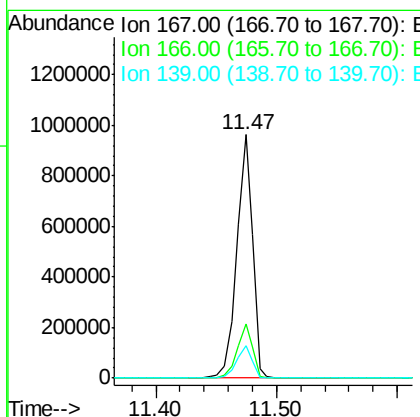
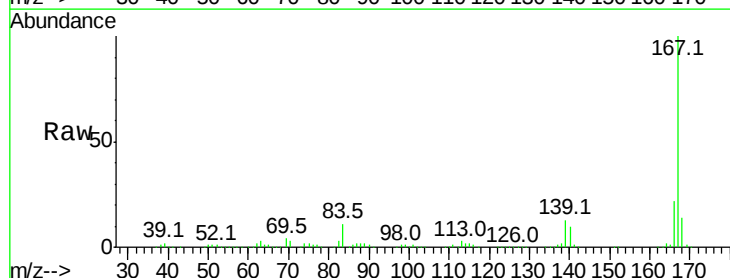
Manual Integrations  
 APPROVED

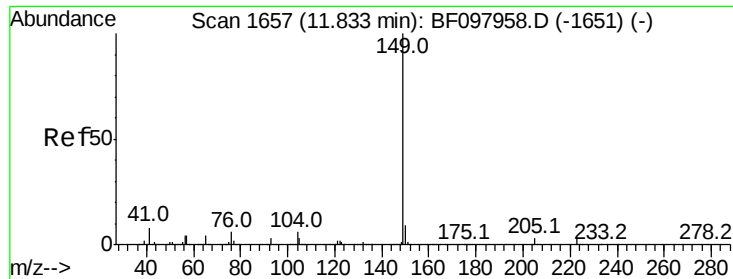
Sohil  
 8/31/2017 7:12:05 PM



#72  
 Carbazole  
 Concen: 37.027 ng  
 RT: 11.47 min Scan# 1596  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.3  | 18.1  | 27.1  |
| 139     | 13.4  | 11.7  | 17.5  |





#73

Di-n-butylphthalate

Concen: 40.279 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

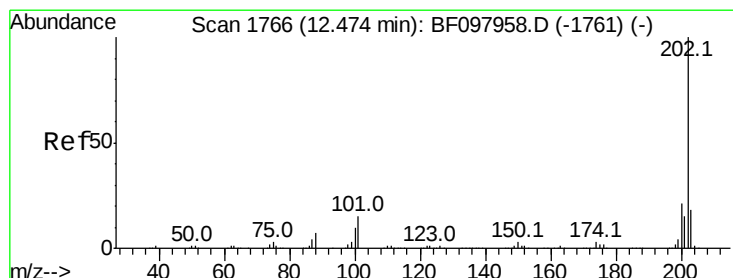
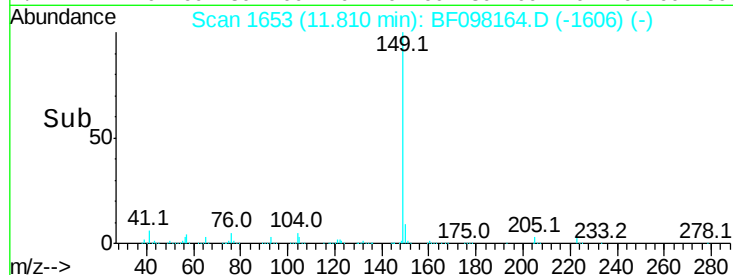
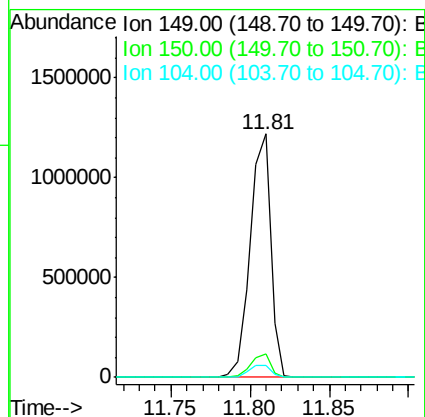
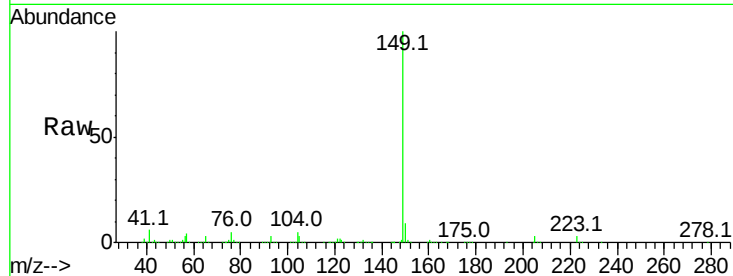
ClientSampleId :

PB101906BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 1098306 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 150      | 9.4   | 7.7   | 11.5    |
| 104      | 5.0   | 4.0   | 6.0     |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#74

Fluoranthene

Concen: 37.000 ng

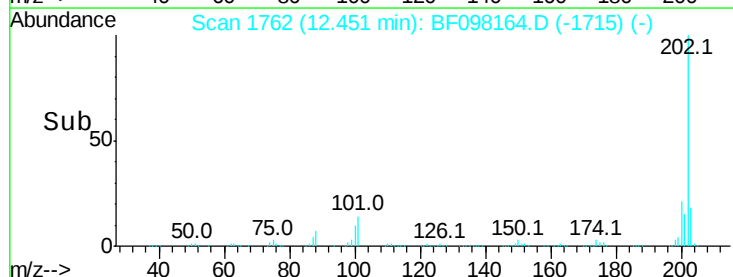
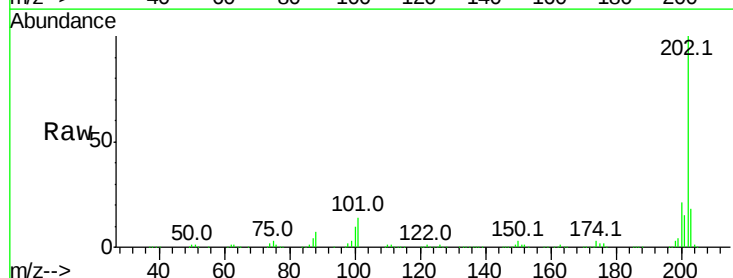
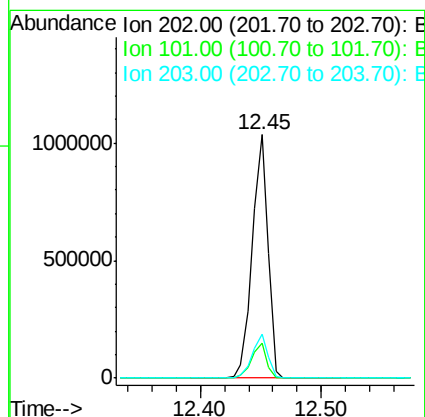
RT: 12.45 min Scan# 1762

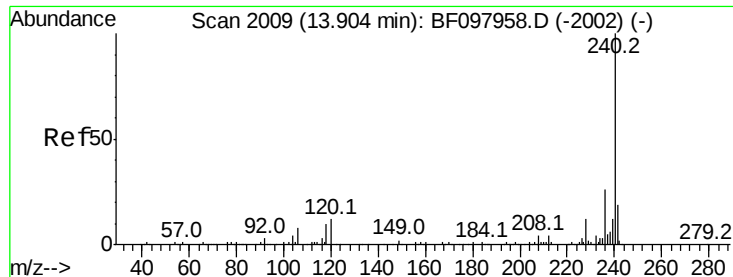
Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 949570 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 14.1  | 0.0   | 33.2   |
| 203      | 17.9  | 0.0   | 38.1   |





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

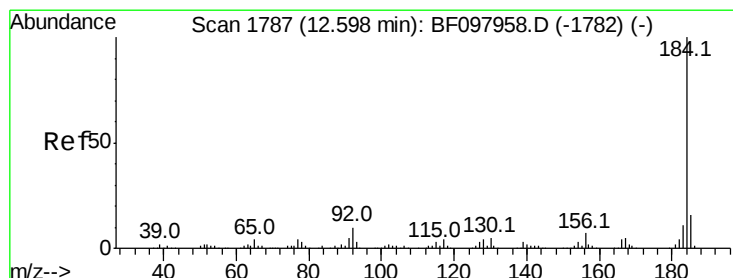
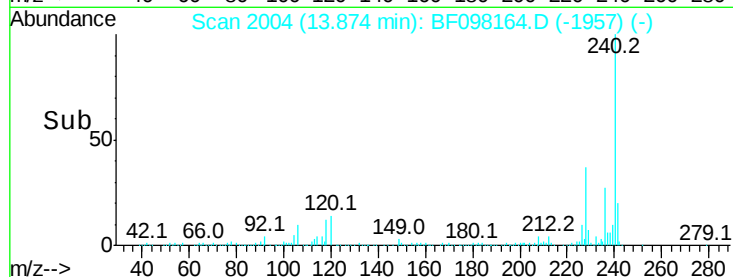
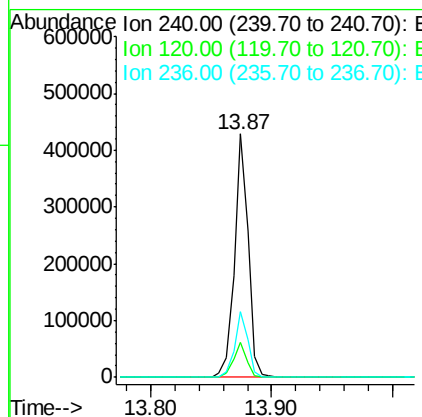
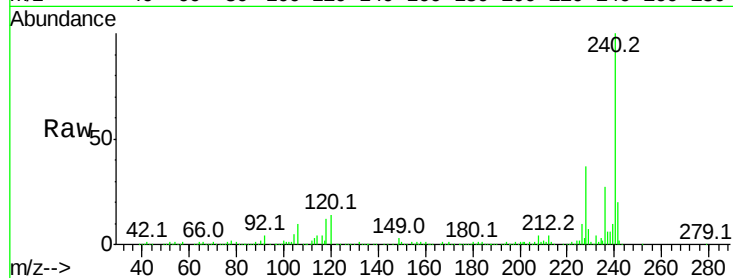
ClientSampleId :

PB101906BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 337564 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 14.5  | 5.8   | 8.8#   |
| 236       | 26.8  | 20.5  | 30.7   |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#76

Benzidine

Concen: 31.121 ng

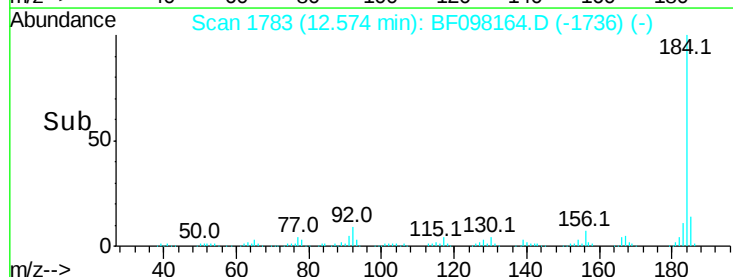
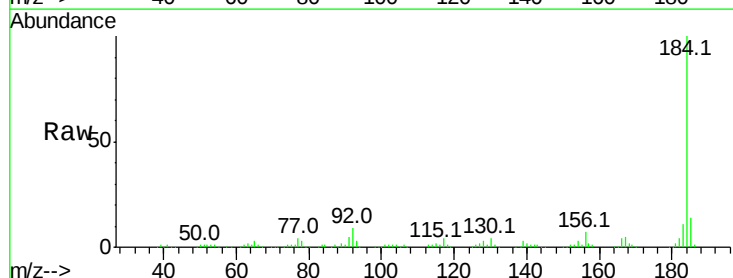
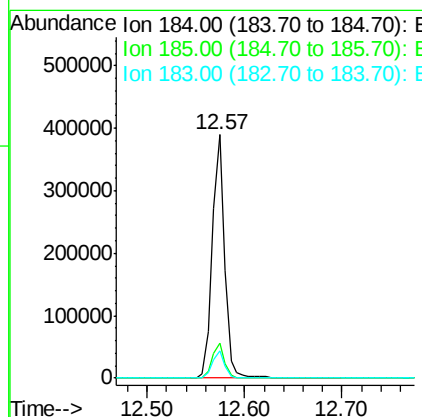
RT: 12.57 min Scan# 1783

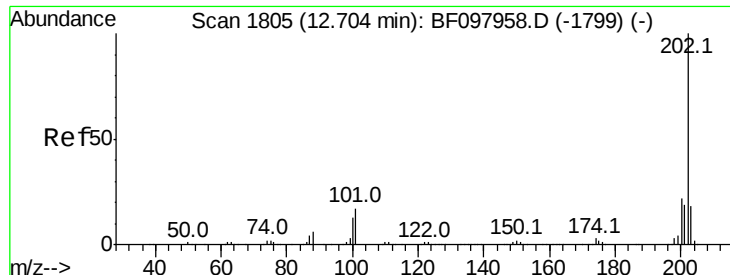
Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 344444 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.3  | 15.5  | 23.3#  |
| 183       | 11.1  | 9.8   | 14.6   |





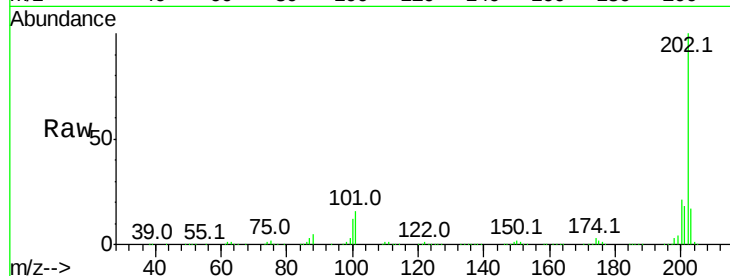
#77  
Pvrene  
Concen: 35.175 ng  
RT: 12.68 min Scan# 1801  
Delta R.T. -0.02 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

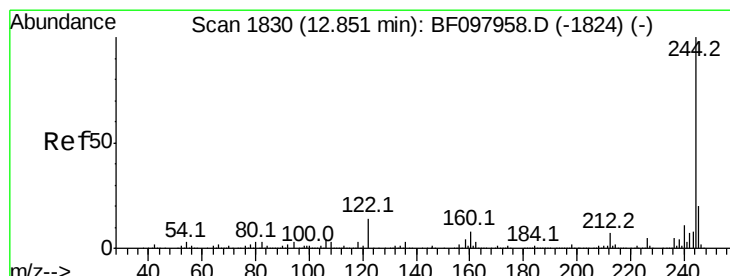
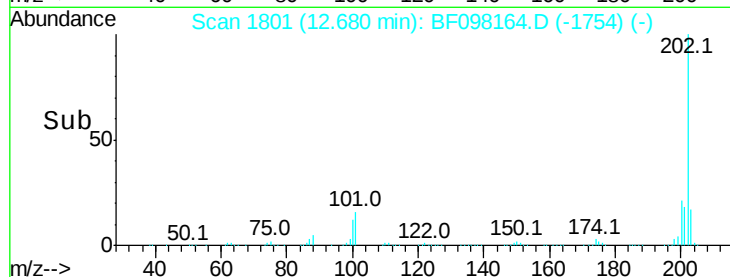
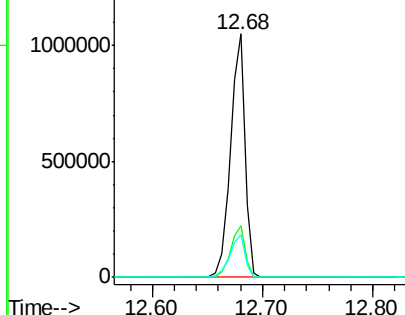
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 971149 |       |       |
| 200     | 21.0  |        | 17.6  | 26.4  |
| 203     | 17.4  |        | 14.4  | 21.6  |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



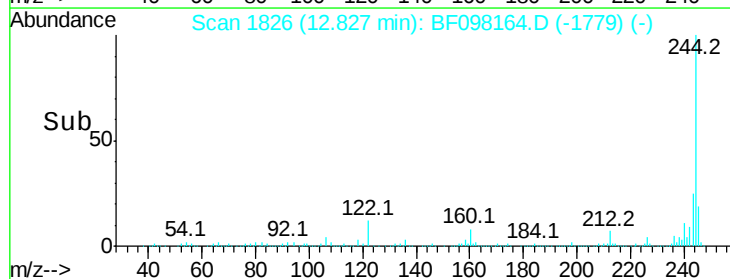
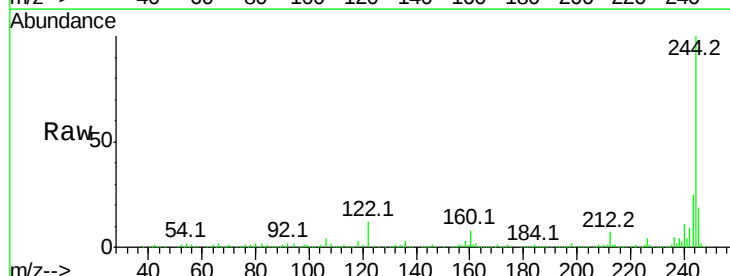
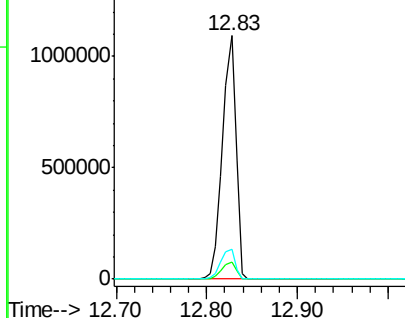
Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

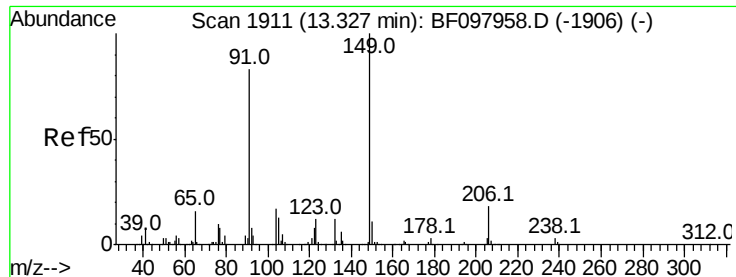


#78  
Terphenyl-d14  
Concen: 69.232 ng  
RT: 12.83 min Scan# 1826  
Delta R.T. -0.02 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 244     | 100   | 1120692 |       |       |
| 212     | 7.2   |         | 6.0   | 9.0   |
| 122     | 12.3  |         | 10.3  | 15.5  |

Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.055 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

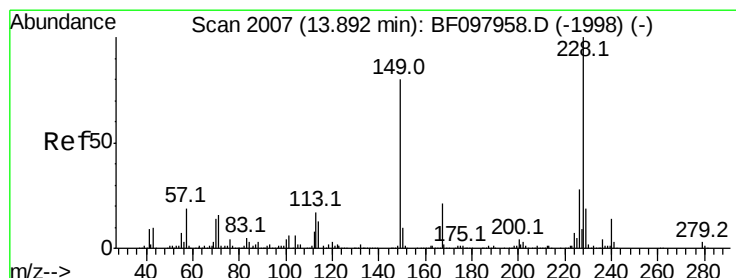
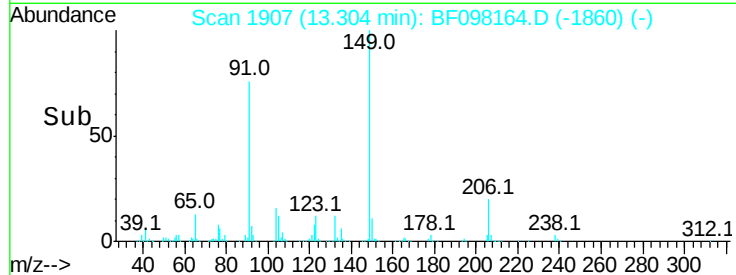
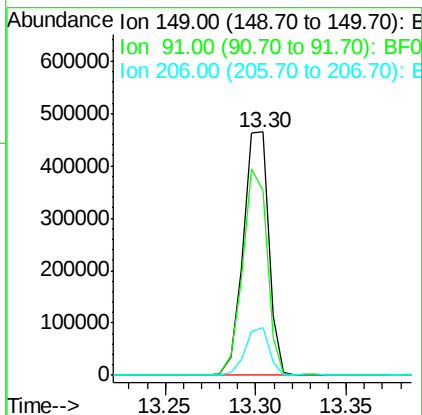
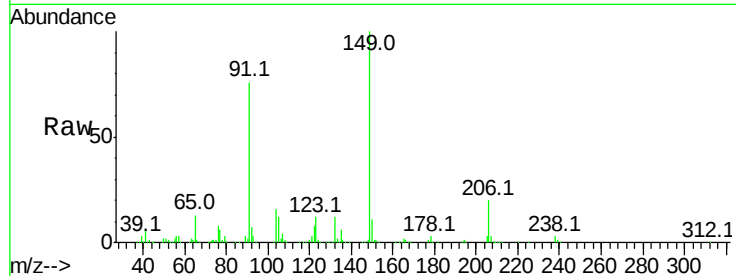
ClientSampleId :

PB101906BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 455751 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 75.8  | 45.0  | 67.4#  |
| 206       | 19.6  | 17.0  | 25.6   |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#80

Benzo(a)anthracene

Concen: 34.639 ng

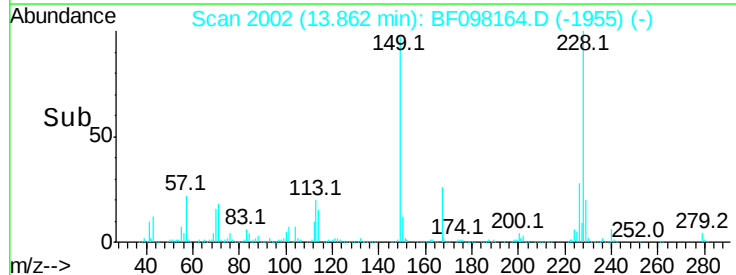
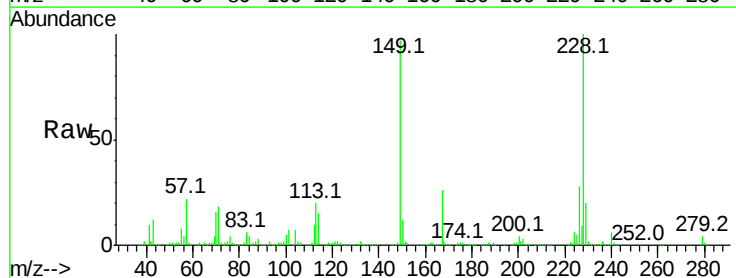
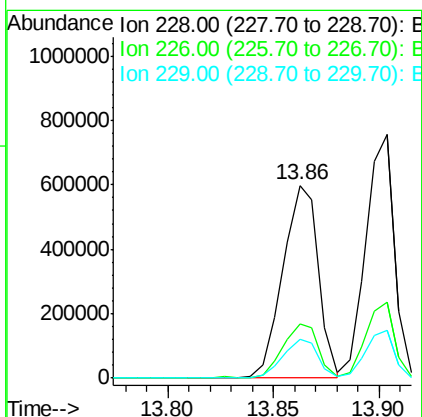
RT: 13.86 min Scan# 2002

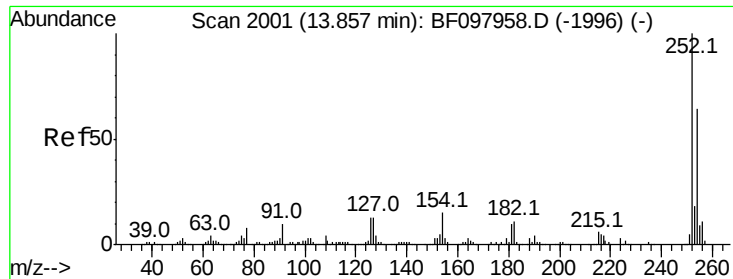
Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 700794 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.8  | 22.6  | 33.8   |
| 229       | 20.0  | 16.3  | 24.5   |





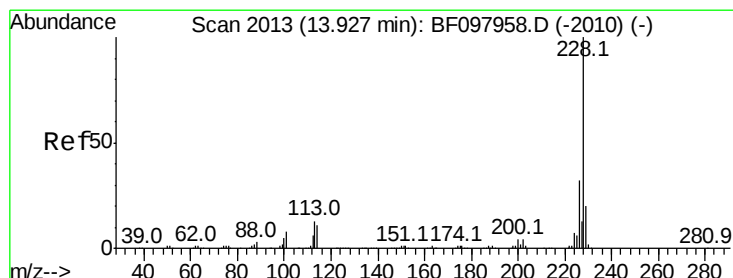
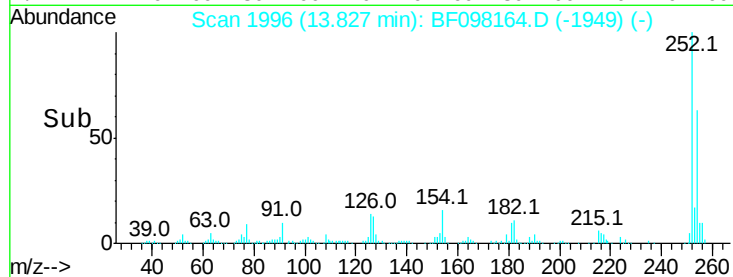
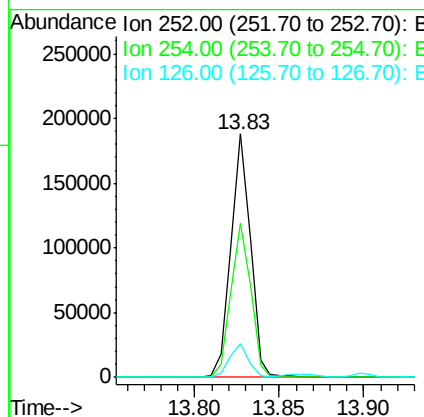
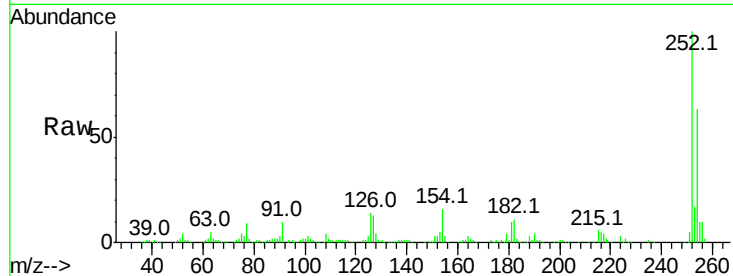
#81  
 3,3'-Dichlorobenzidine  
 Concen: 22.131 ng  
 RT: 13.83 min Scan# 1996  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB101906BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 63.2  | 51.5       | 77.3  |
| 126     | 13.8  | 15.8       | 23.8  |

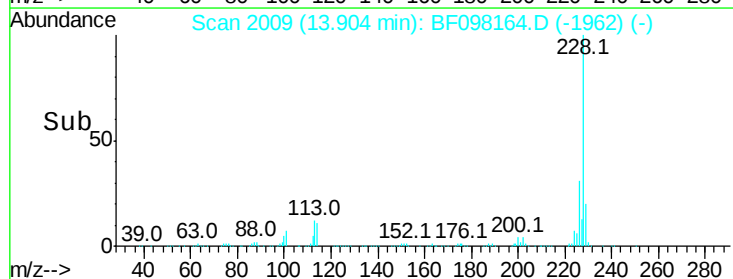
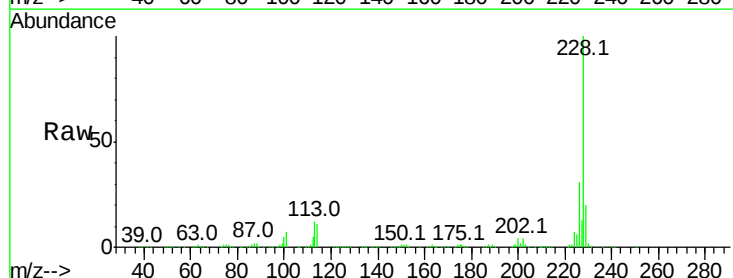
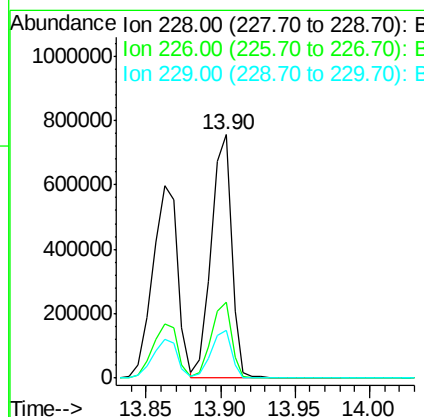
Manual Integrations  
 APPROVED

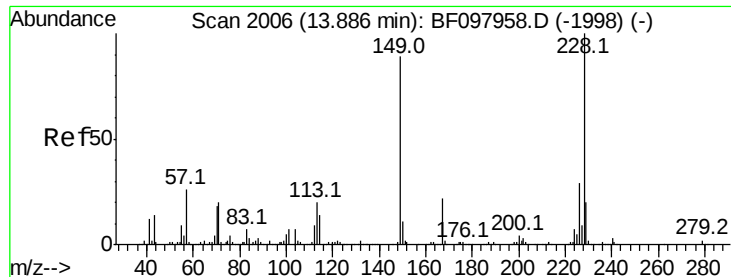
Sohil  
 8/31/2017 7:12:05 PM



#82  
 Chrysene  
 Concen: 35.561 ng  
 RT: 13.90 min Scan# 2009  
 Delta R.T. -0.02 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 31.4  | 24.9       | 37.3  |
| 229     | 19.6  | 15.8       | 23.6  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.761 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

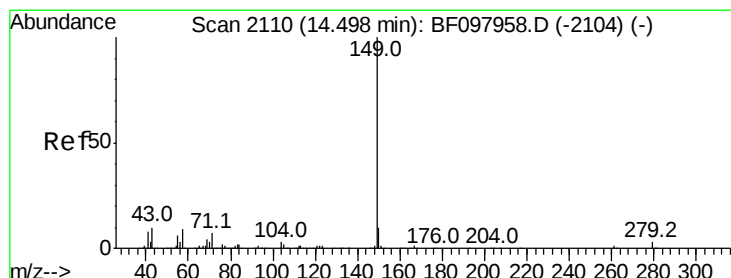
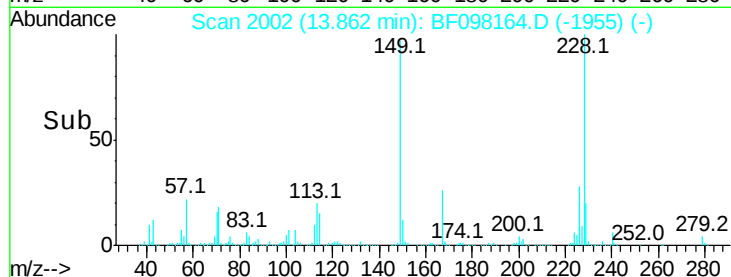
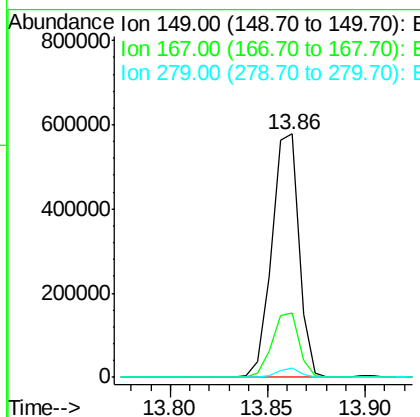
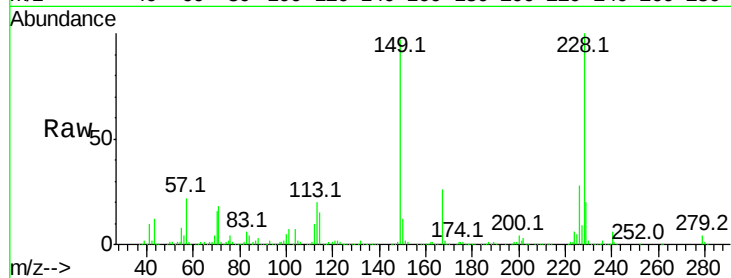
ClientSampleId :

PB101906BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 560217 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.6  | 21.0  | 31.4   |
| 279       | 3.7   | 1.9   | 2.9    |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#84

Di-n-octyl phthalate

Concen: 47.772 ng

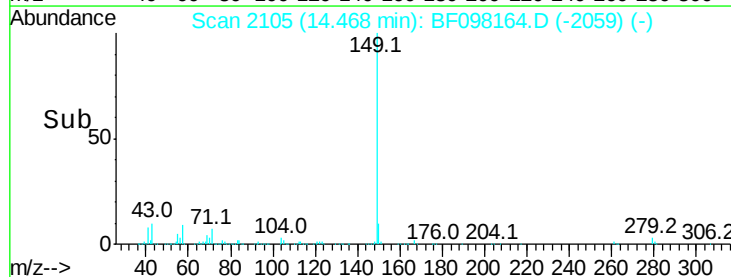
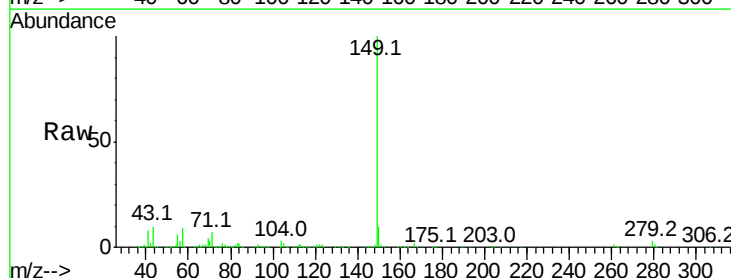
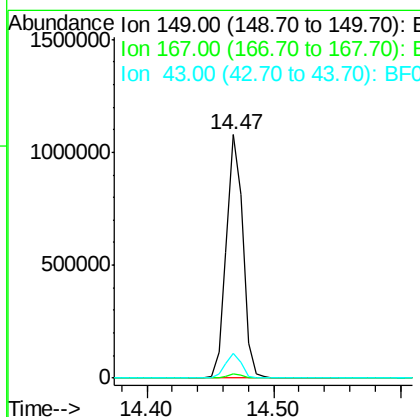
RT: 14.47 min Scan# 2105

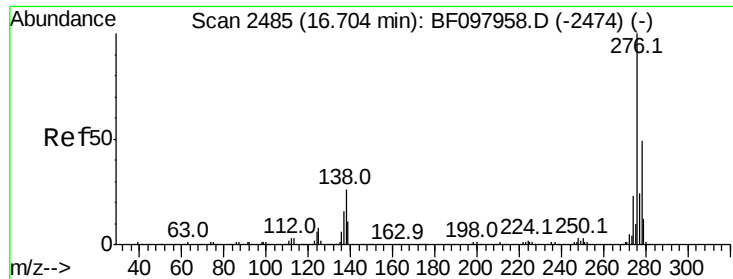
Delta R.T. -0.03 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 974990 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.2   | 1.8    |
| 43        | 9.8   | 8.5   | 12.7   |





#85

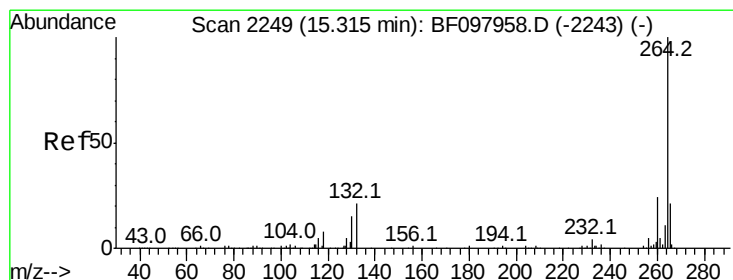
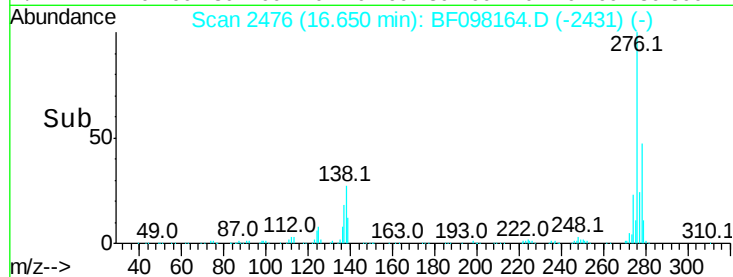
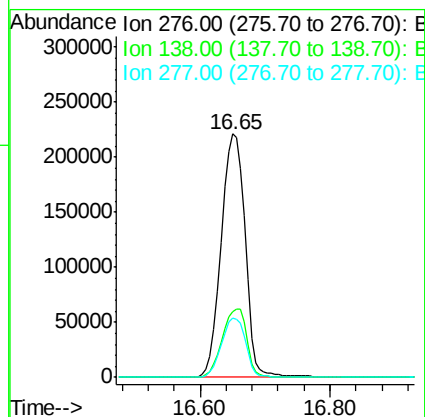
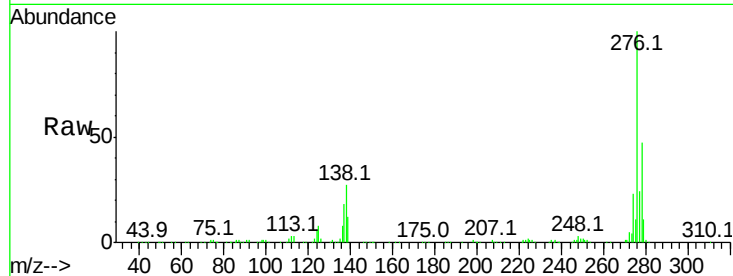
Indeno(1,2,3-cd)pyrene  
Concen: 38.342 ng  
RT: 16.65 min Scan# 2476  
Delta R.T. -0.04 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 28.7  | 27.8  | 41.6  |
| 277     | 24.5  | 20.2  | 30.4  |

Manual Integrations  
APPROVED

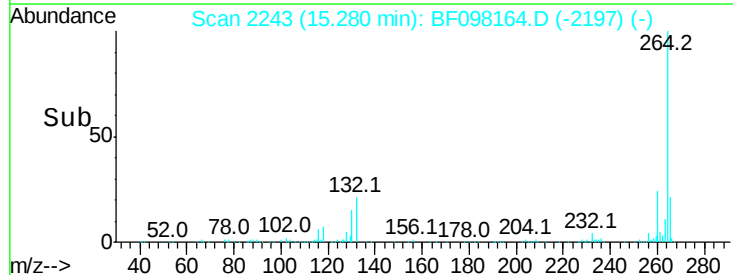
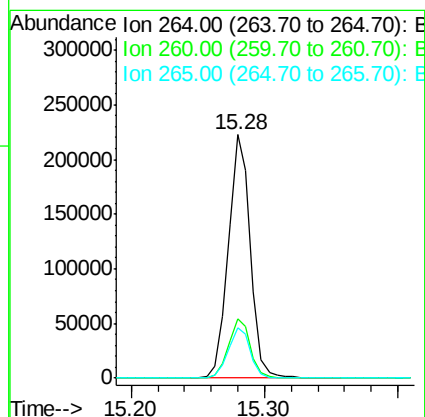
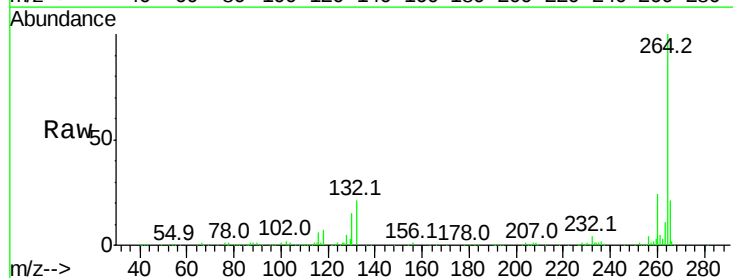
Sohil  
8/31/2017 7:12:05 PM

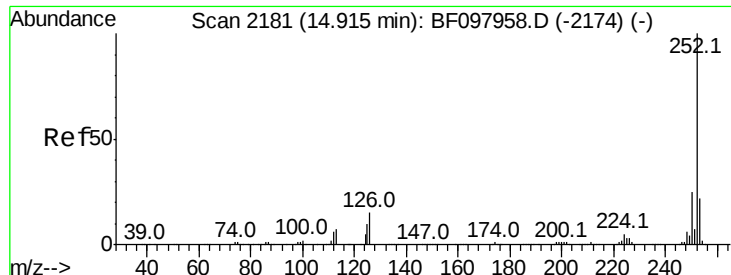


#86

Perylene-d12  
Concen: 20.000 ng  
RT: 15.28 min Scan# 2243  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.5  | 29.3  |
| 265     | 20.8  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 37.653 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

Instrument :

BNA\_F

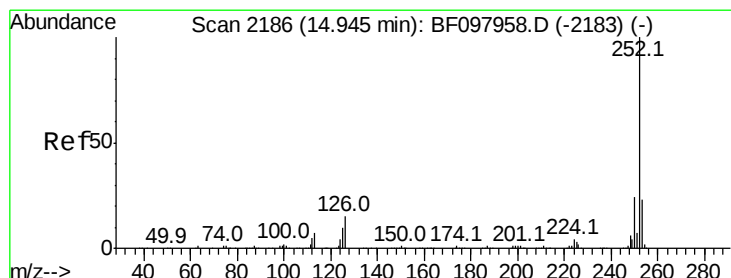
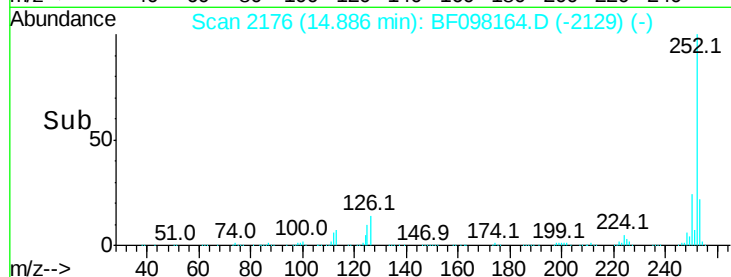
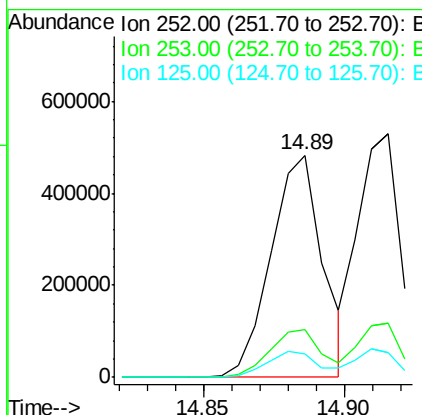
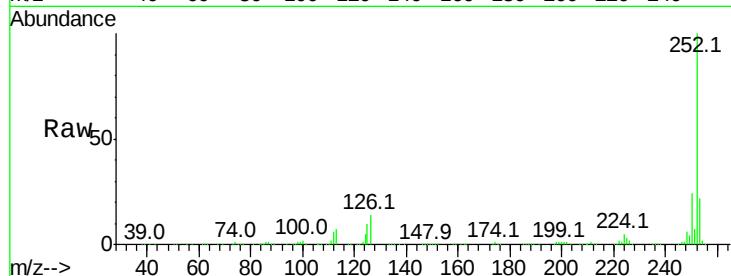
ClientSampleId :

PB101906BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 18.1  | 27.1  |
| 125     | 10.3  | 9.8   | 14.8  |

Manual Integrations  
APPROVED

Sohil  
8/31/2017 7:12:05 PM



#88

Benzo(k)fluoranthene

Concen: 36.414 ng

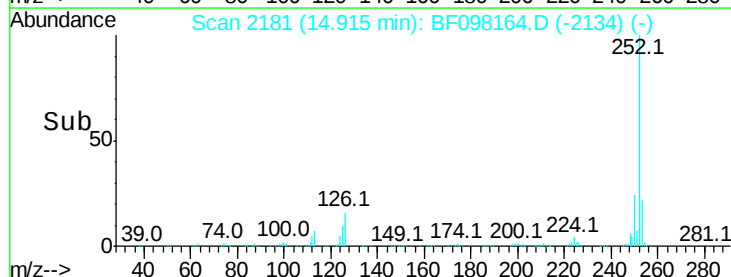
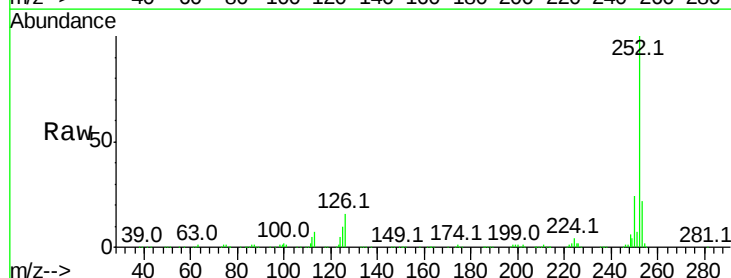
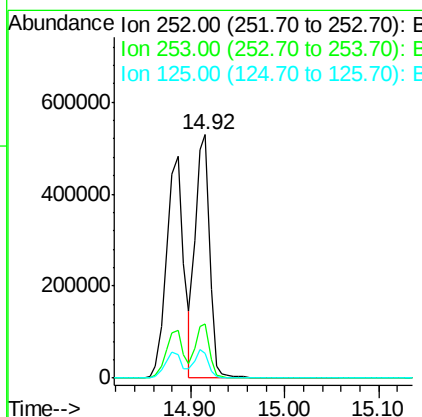
RT: 14.92 min Scan# 2181

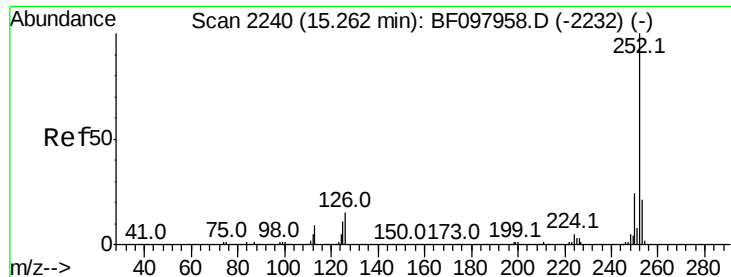
Delta R.T. -0.02 min

Lab File: BF098164.D

Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.4  | 27.6  |
| 125     | 10.3  | 13.1  | 19.7# |





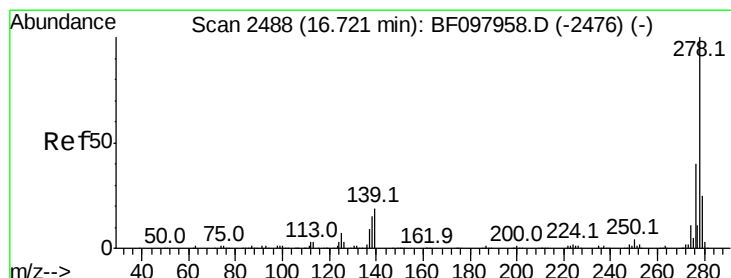
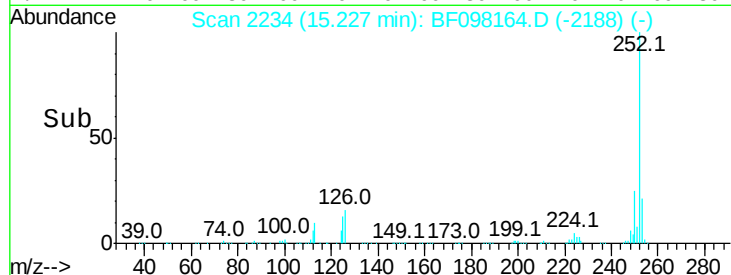
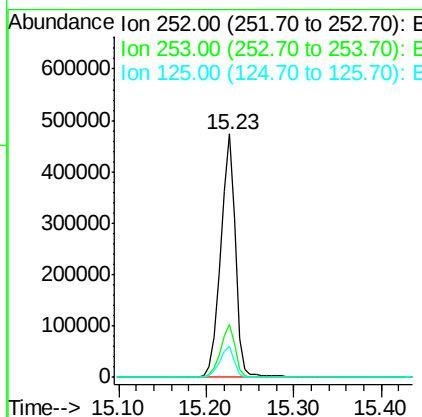
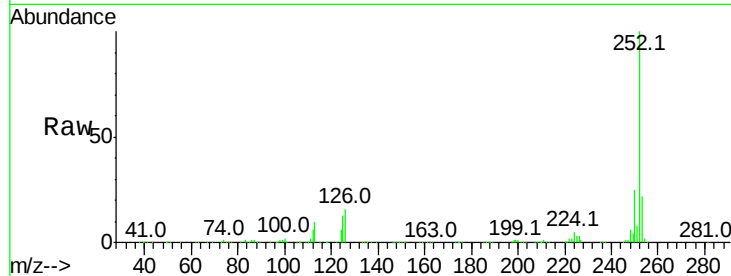
#89  
Benzo(a)pyrene  
Concen: 38.572 ng  
RT: 15.23 min Scan# 2234  
Delta R.T. -0.03 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
PB101906BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.5  | 26.3  |
| 125     | 12.8  | 11.0  | 16.4  |

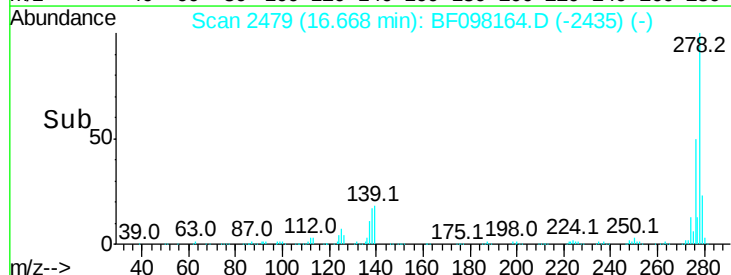
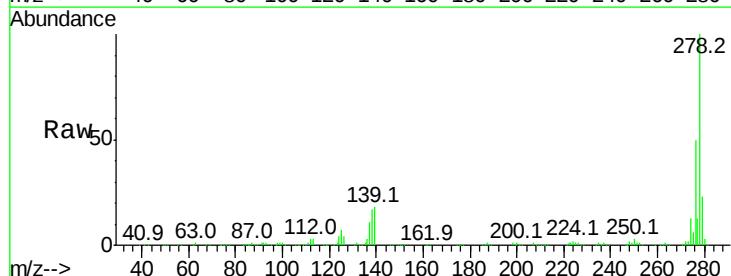
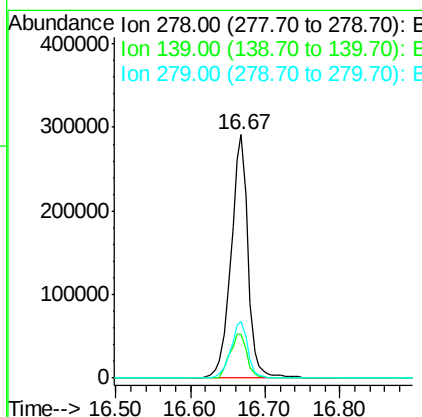
Manual Integrations  
APPROVED

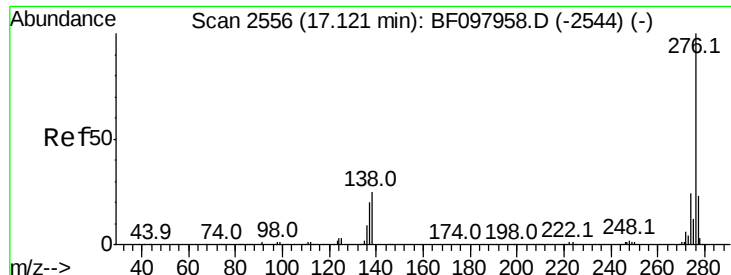
Sohil  
8/31/2017 7:12:05 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 39.689 ng  
RT: 16.67 min Scan# 2479  
Delta R.T. -0.04 min  
Lab File: BF098164.D  
Acq: 30 Aug 2017 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.1  | 16.6  | 24.8  |
| 279     | 23.5  | 19.3  | 28.9  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 39.382 ng  
 RT: 17.06 min Scan# 2546  
 Delta R.T. -0.05 min  
 Lab File: BF098164.D  
 Acq: 30 Aug 2017 19:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB101906BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 482355 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.7  | 18.6  | 28.0   |
| 138       | 25.4  | 25.4  | 38.0   |

Manual Integrations  
 APPROVED

Sohil  
 8/31/2017 7:12:05 PM

