

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\  
 Data File : BF097239.D  
 Acq On : 1 Aug 2017 18:47  
 Operator : SJ/JU  
 Sample : I4471-21MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSW-DUPMS

Manual Integrations  
 APPROVED

Sohil  
 8/2/2017 7:15:21 PM

Quant Time: Aug 02 14:20:53 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 25 14:11:51 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.46  | 152  | 113400   | 20.00 | ng    | -0.04    |
| 21) Naphthalene-d8        | 7.75  | 136  | 481892   | 20.00 | ng    | -0.04    |
| 38) Acenaphthene-d10      | 9.50  | 164  | 187538   | 20.00 | ng    | -0.04    |
| 63) Phenanthrene-d10      | 10.97 | 188  | 247621   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 13.60 | 240  | 176238   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 14.94 | 264  | 165097   | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.08  | 112 | 835254  | 111.03 | ng | -0.02 |
| 7) Phenol-d6             | 6.15  | 99  | 1060432 | 123.48 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.04  | 82  | 588861  | 71.69  | ng | -0.04 |
| 41) 2,4,6-Tribromophenol | 10.29 | 330 | 134743  | 90.94  | ng | -0.04 |
| 44) 2-Fluorobiphenyl     | 8.83  | 172 | 763179  | 69.06  | ng | -0.04 |
| 78) Terphenyl-d14        | 12.55 | 244 | 446794  | 51.69  | ng | -0.04 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.02 | 88  | 103408 | 32.941 | ng | # 73   |
| 3) Pyridine                    | 2.63 | 79  | 310504 | 32.302 | ng | # 64   |
| 4) n-Nitrosodimethylamine      | 2.58 | 42  | 203965 | 38.301 | ng | 79     |
| 6) Aniline                     | 6.13 | 93  | 351272 | 32.505 | ng | 97     |
| 8) 2-Chlorophenol              | 6.26 | 128 | 324182 | 40.303 | ng | 95     |
| 9) Benzaldehyde                | 6.01 | 77  | 249819 | 49.146 | ng | 96     |
| 10) Phenol                     | 6.16 | 94  | 491875 | 48.288 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 6.21 | 93  | 346965 | 43.066 | ng | 88     |
| 12) 1,3-Dichlorobenzene        | 6.40 | 146 | 320520 | 36.976 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.48 | 146 | 323341 | 37.639 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 6.64 | 146 | 278532 | 37.134 | ng | 97     |
| 15) Benzyl Alcohol             | 6.63 | 79  | 235415 | 43.298 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.76 | 45  | 609598 | 37.725 | ng | 79     |
| 17) 2-Methylphenol             | 6.76 | 107 | 235338 | 37.909 | ng | # 89   |
| 18) Hexachloroethane           | 6.97 | 117 | 104410 | 33.222 | ng | # 81   |
| 19) n-Nitroso-di-n-propylamine | 6.90 | 70  | 238853 | 42.254 | ng | # 80   |
| 20) 3+4-Methylphenols          | 6.92 | 107 | 347976 | 42.917 | ng | # 64   |
| 22) Acetophenone               | 6.89 | 105 | 436855 | 37.749 | ng | 97     |
| 24) Nitrobenzene               | 7.06 | 77  | 312438 | 36.520 | ng | 94     |
| 25) Isophorone                 | 7.30 | 82  | 600564 | 37.332 | ng | 98     |
| 26) 2-Nitrophenol              | 7.37 | 139 | 145707 | 31.480 | ng | # 86   |
| 27) 2,4-Dimethylphenol         | 7.44 | 122 | 257138 | 33.678 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.52 | 93  | 372114 | 35.446 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.63 | 162 | 254771 | 38.734 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 7.70 | 180 | 221705 | 35.362 | ng | 96     |
| 31) Naphthalene                | 7.77 | 128 | 882828 | 38.864 | ng | 100    |
| 33) 4-Chloroaniline            | 7.84 | 127 | 264728 | 28.641 | ng | 99     |
| 34) Hexachlorobutadiene        | 7.90 | 225 | 113064 | 34.017 | ng | 98     |
| 35) Caprolactam                | 8.20 | 113 | 84249m | 39.945 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.35 | 107 | 234267 | 32.646 | ng | 90     |
| 37) 2-Methylnaphthalene        | 8.46 | 142 | 496117 | 34.494 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.63 | 216 | 172368 | 34.446 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.62 | 237 | 13682  | 13.766 | ng | 90     |
| 42) 2,4,6-Trichlorophenol      | 8.76 | 196 | 122146 | 33.684 | ng | 99     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\  
 Data File : BF097239.D  
 Acq On : 1 Aug 2017 18:47  
 Operator : SJ/JU  
 Sample : I4471-21MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSW-DUPMS

Manual Integrations  
 APPROVED

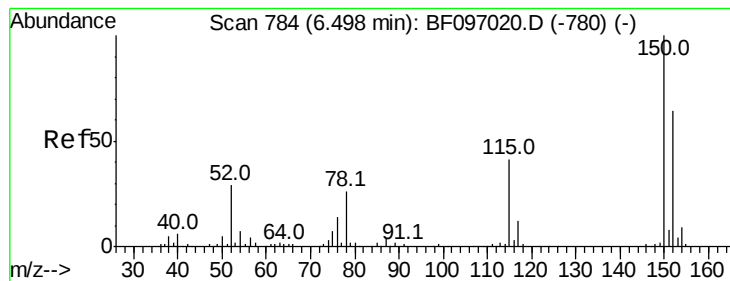
Sohil  
 8/2/2017 7:15:21 PM

Quant Time: Aug 02 14:20:53 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 25 14:11:51 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 43) 2,4,5-Trichlorophenol      | 8.80  | 196  | 123408   | 34.001 | nq    | # 93     |
| 45) 1,1'-Biphenyl              | 8.93  | 154  | 525967   | 32.835 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 8.95  | 162  | 399647   | 33.904 | nq    | 94       |
| 47) 2-Nitroaniline             | 9.06  | 65   | 183331   | 42.855 | nq    | 99       |
| 48) Acenaphthylene             | 9.36  | 152  | 639454   | 35.342 | nq    | 99       |
| 49) Dimethylphthalate          | 9.24  | 163  | 765543   | 53.755 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.30  | 165  | 111698   | 36.980 | nq    | # 88     |
| 51) Acenaphthene               | 9.53  | 154  | 392520   | 36.830 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.47  | 138  | 128736   | 34.337 | nq    | 90       |
| 53) 2,4-Dinitrophenol          | 9.60  | 184  | 3637     | 2.648  | nq    | # 31     |
| 54) Dibenzofuran               | 9.70  | 168  | 531923   | 37.471 | nq    | 96       |
| 55) 4-Nitrophenol              | 9.66  | 139  | 123791   | 55.522 | nq    | # 50     |
| 56) 2,4-Dinitrotoluene         | 9.71  | 165  | 119613   | 34.448 | nq    | # 78     |
| 57) Fluorene                   | 10.05 | 166  | 385287   | 36.112 | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.83  | 232  | 89616    | 35.759 | nq    | # 95     |
| 59) Diethylphthalate           | 9.94  | 149  | 494838   | 37.874 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.04 | 204  | 162186   | 36.812 | nq    | 99       |
| 61) 4-Nitroaniline             | 10.08 | 138  | 111647   | 31.340 | nq    | 93       |
| 62) Azobenzene                 | 10.20 | 77   | 421226   | 34.753 | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 10.12 | 198  | 15684    | 10.193 | nq    | # 74     |
| 65) n-Nitrosodiphenylamine     | 10.16 | 169  | 394380   | 45.774 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.53 | 248  | 96885    | 39.206 | nq    | 98       |
| 67) Hexachlorobenzene          | 10.60 | 284  | 95947    | 34.623 | nq    | # 91     |
| 68) Atrazine                   | 10.70 | 200  | 100281   | 40.590 | nq    | 95       |
| 69) Pentachlorophenol          | 10.80 | 266  | 73119    | 63.771 | nq    | 98       |
| 70) Phenanthrene               | 11.00 | 178  | 516737   | 38.947 | nq    | 99       |
| 71) Anthracene                 | 11.05 | 178  | 491758   | 36.188 | nq    | 98       |
| 72) Carbazole                  | 11.21 | 167  | 466329   | 34.893 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.55 | 149  | 631599   | 38.233 | nq    | 100      |
| 74) Fluoranthene               | 12.17 | 202  | 500477   | 38.505 | nq    | 98       |
| 76) Benzidine                  | 12.30 | 184  | 103256   | 15.790 | nq    | # 91     |
| 77) Pyrene                     | 12.40 | 202  | 509305   | 35.300 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.03 | 149  | 262436   | 35.758 | nq    | # 82     |
| 80) Benzo(a)anthracene         | 13.59 | 228  | 407762   | 35.758 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.55 | 252  | 138673   | 32.248 | nq    | # 96     |
| 82) Chrysene                   | 13.62 | 228  | 391608   | 35.169 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.60 | 149  | 315910   | 32.968 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 14.20 | 149  | 652075   | 37.081 | nq    | # 91     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.15 | 276  | 279465   | 29.269 | nq    | 97       |
| 87) Benzo(b)fluoranthene       | 14.59 | 252  | 400884   | 40.394 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 14.61 | 252  | 315562   | 33.368 | nq    | 96       |
| 89) Benzo(a)pyrene             | 14.89 | 252  | 327435   | 36.049 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.16 | 278  | 239068   | 32.096 | nq    | 95       |
| 91) Benzo(g,h,i)perylene       | 16.51 | 276  | 233646   | 29.912 | nq    | 97       |
| -----                          |       |      |          |        |       |          |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

ClientSampleId :

E2-L6-NSW-DUPMS

Tot Ion:152 Resp: 113400

Ion Ratio Lower Upper

152 100

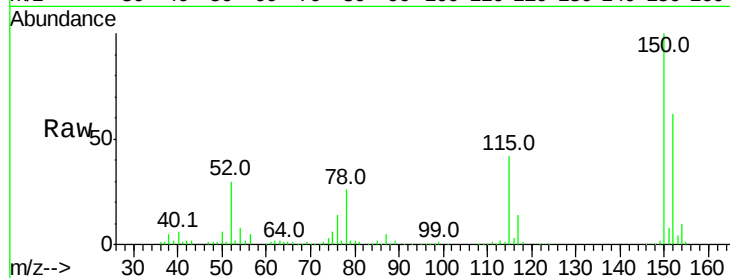
150 160.2 126.2 189.2

115 67.2 52.2 78.2

Manual Integrations  
APPROVED

Sohil

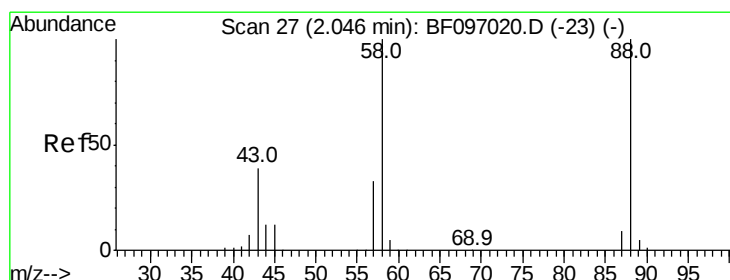
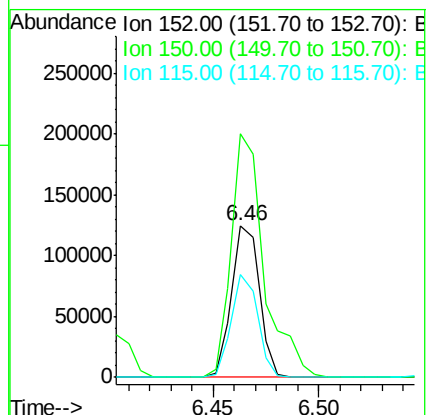
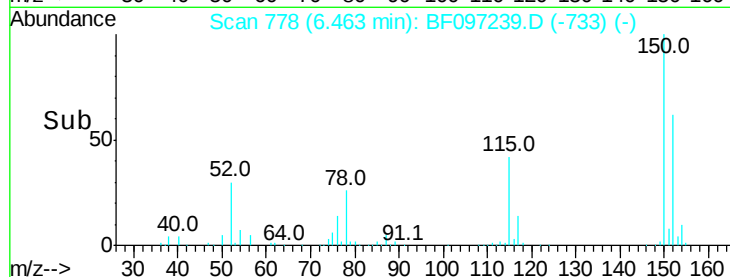
8/2/2017 7:15:21 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.941 ng

RT: 2.02 min Scan# 22

Delta R.T. -0.03 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

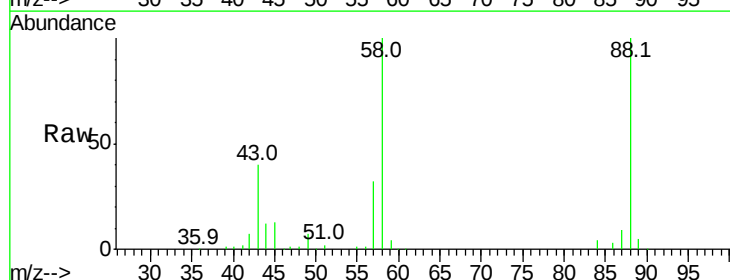
Tgt Ion: 88 Resp: 103408

Ion Ratio Lower Upper

88 100

58 100.6 61.4 92.0#

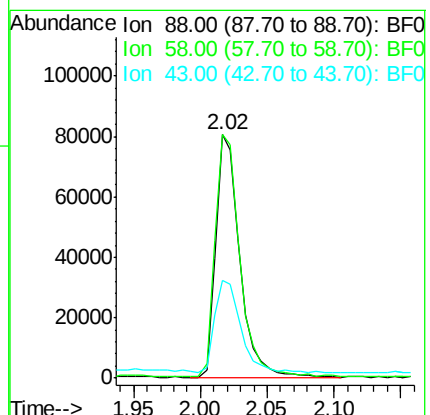
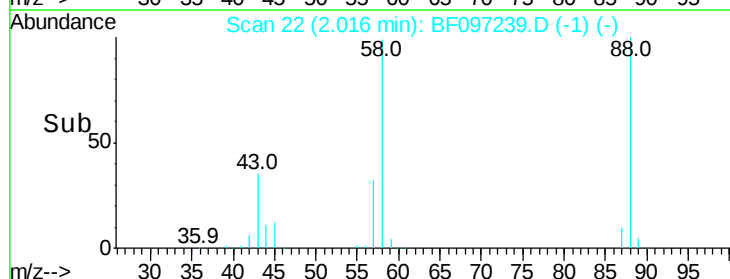
43 41.7 23.4 35.0#

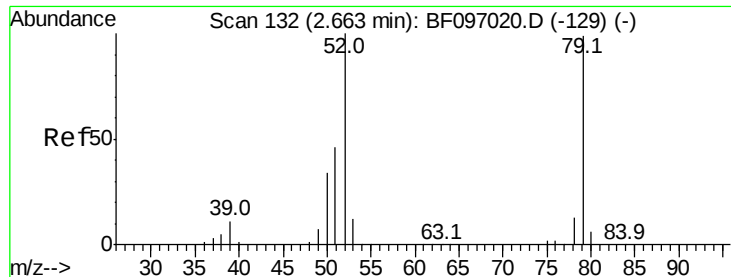


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.302 ng

RT: 2.63 min Scan# 126

Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

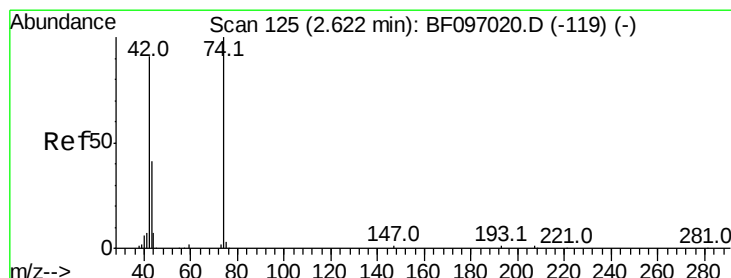
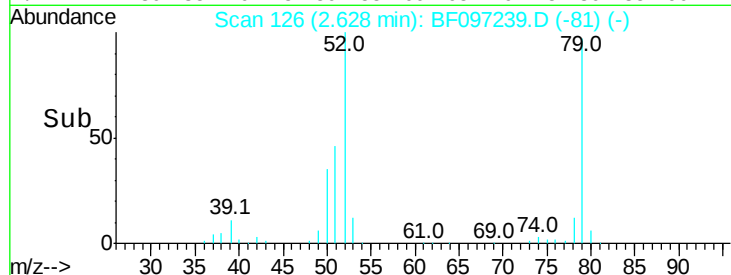
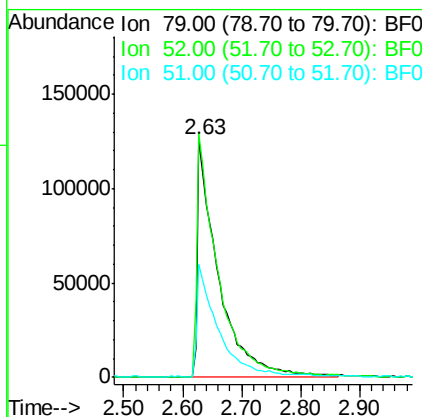
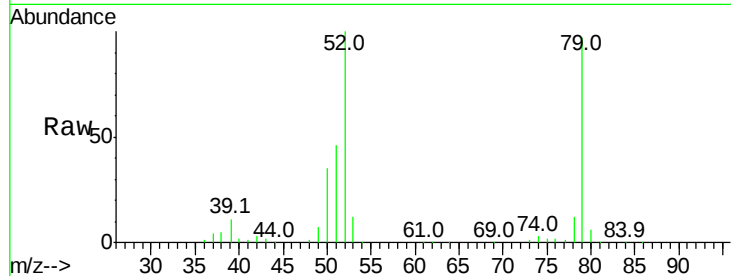
ClientSampleId :

E2-L6-NSW-DUPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 310504 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 102.6 | 54.8  | 82.2#  |
| 51        | 47.7  | 27.0  | 40.4#  |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



#4

n-Nitrosodimethylamine

Concen: 38.301 ng

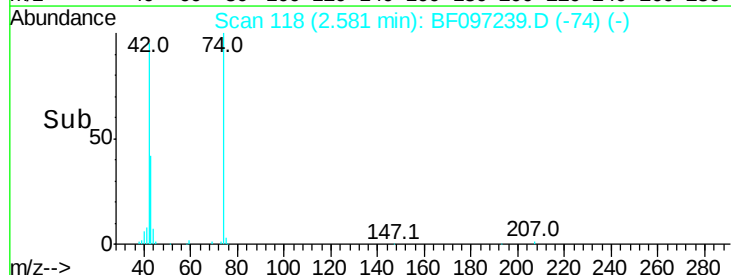
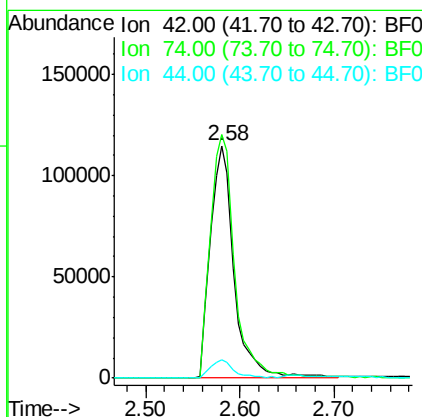
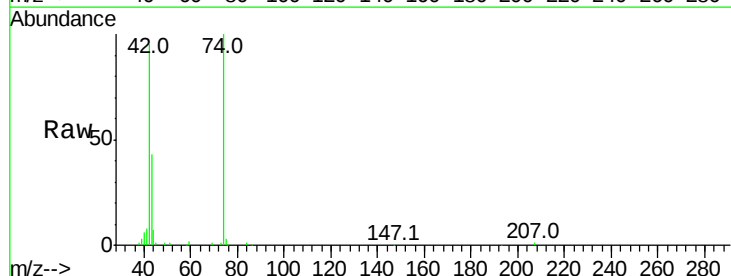
RT: 2.58 min Scan# 118

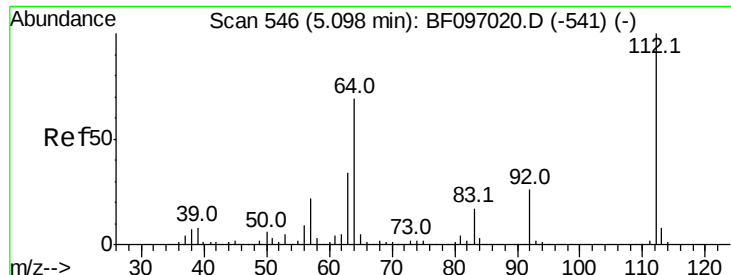
Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 203965 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 104.7 | 103.9 | 155.9  |
| 44        | 7.7   | 5.7   | 8.5    |





#5

2-Fluorophenol

Concen: 111.035 ng

RT: 5.08 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

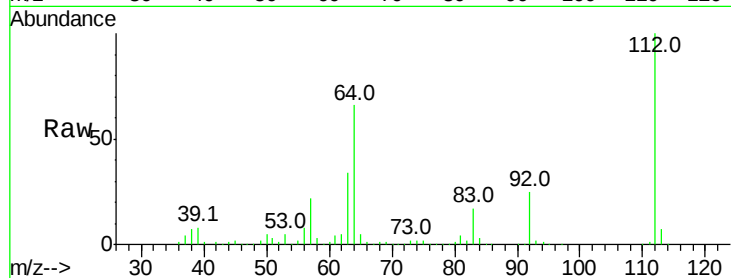
ClientSampleId :

E2-L6-NSW-DUPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 835254 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 65.9  | 46.0  | 69.0   |
| 63        | 34.2  | 23.4  | 35.0   |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM

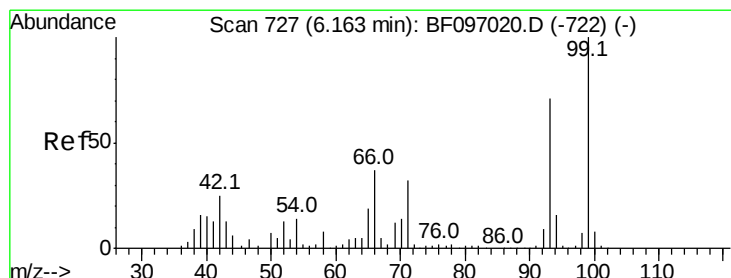
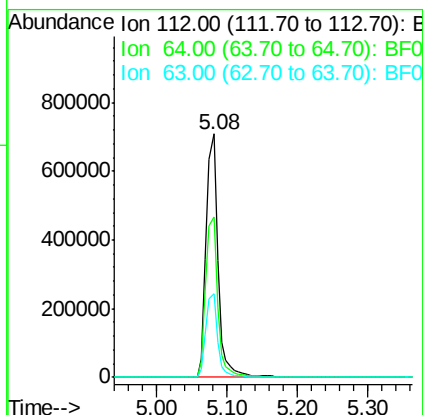
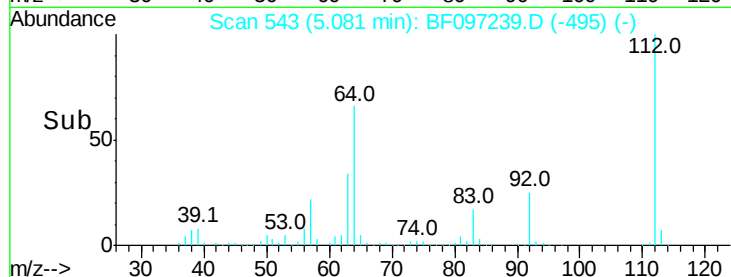


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



#6

Aniline

Concen: 32.505 ng

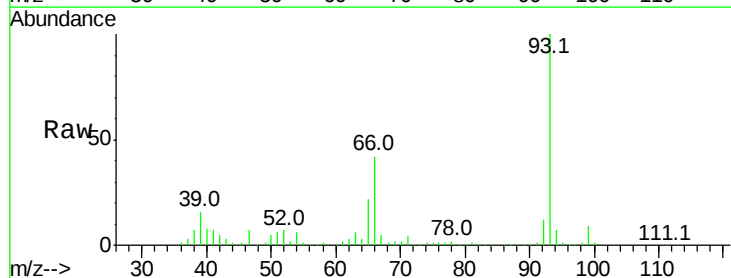
RT: 6.13 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 351272 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 42.0  | 32.9  | 49.3   |
| 65        | 22.2  | 16.0  | 24.0   |

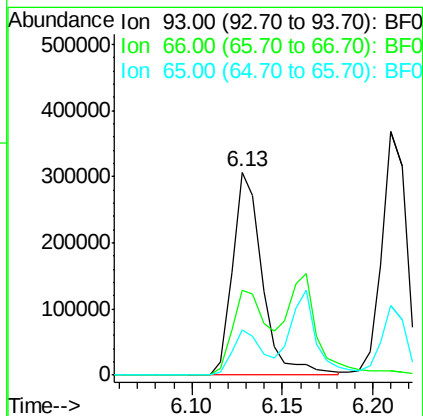
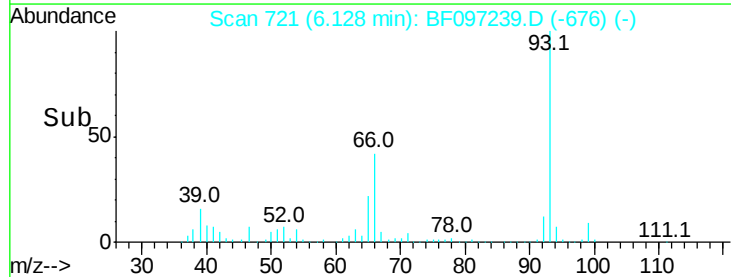


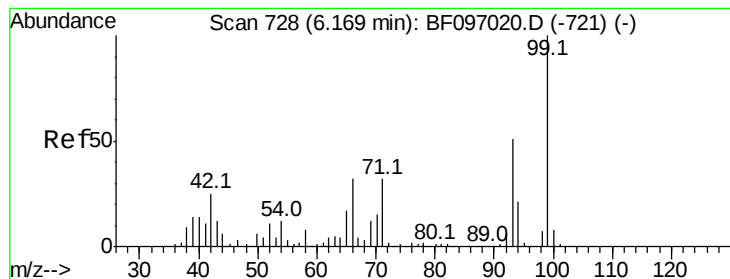
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->





#7

Phenol-d6

Concen: 123.482 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

ClientSampleId :

E2-L6-NSW-DUPMS

Tot Ion: 99 Resp: 1060432

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

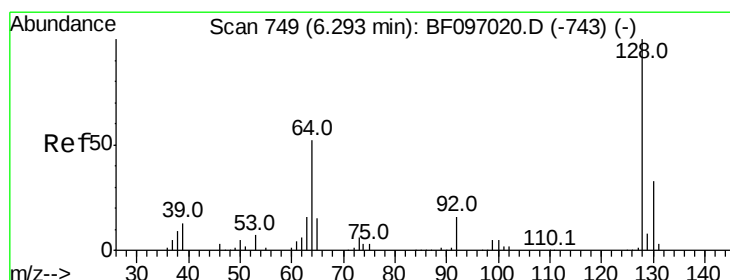
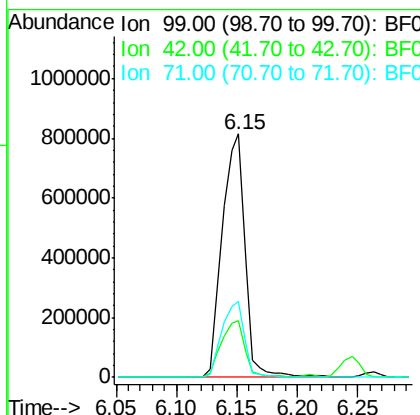
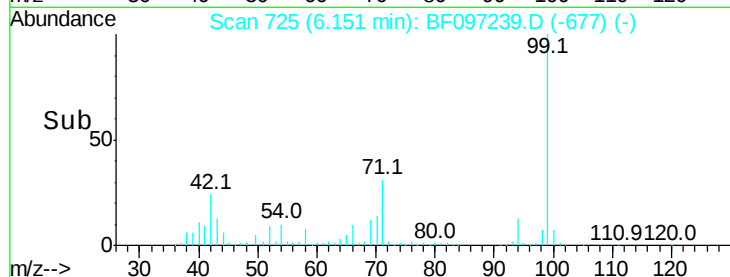
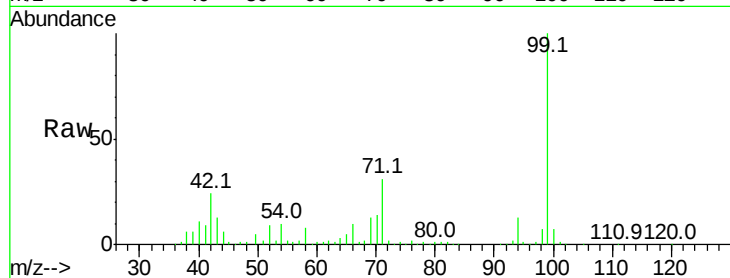
71 31.0 24.5 36.7

Manual Integrations

APPROVED

Sohil

8/2/2017 7:15:21 PM



#8

2-Chlorophenol

Concen: 40.303 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

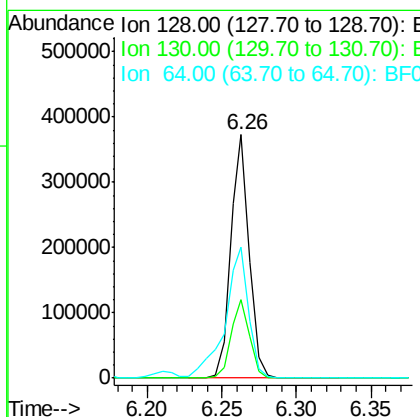
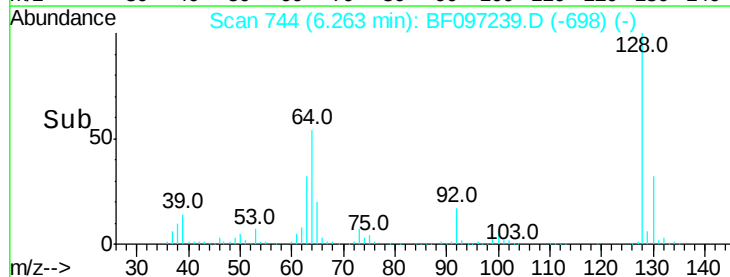
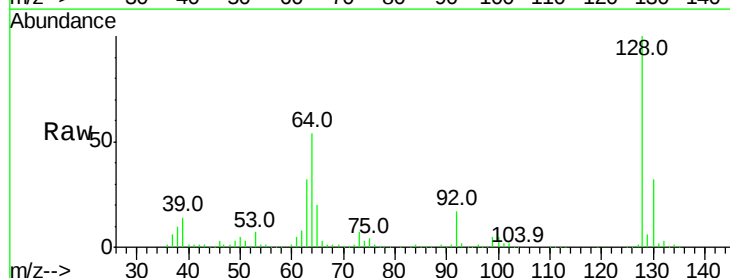
Tgt Ion:128 Resp: 324182

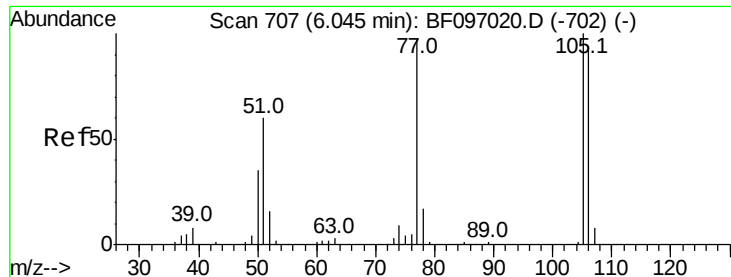
Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

64 53.7 28.4 68.4





#9

Benzaldehyde

Concen: 49.146 ng

RT: 6.01 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

ClientSampleId :

E2-L6-NSW-DUPMS

Tot Ion: 77 Resp: 249819

Ion Ratio Lower Upper

77 100

105 100.2 83.8 123.8

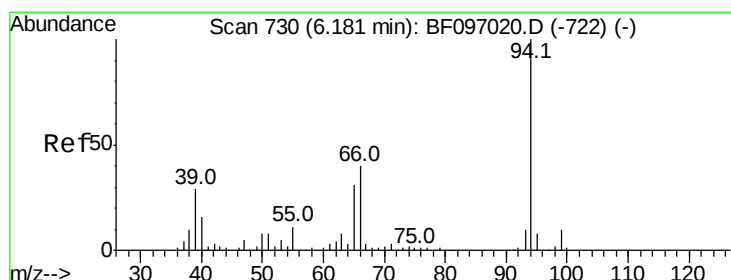
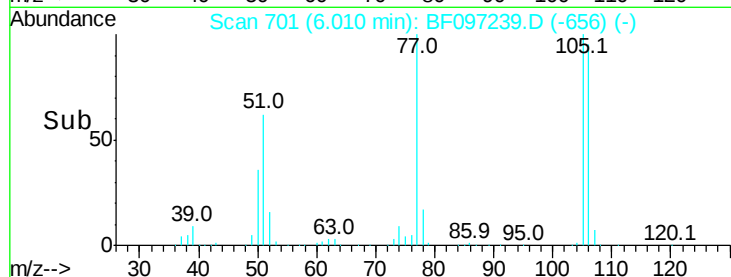
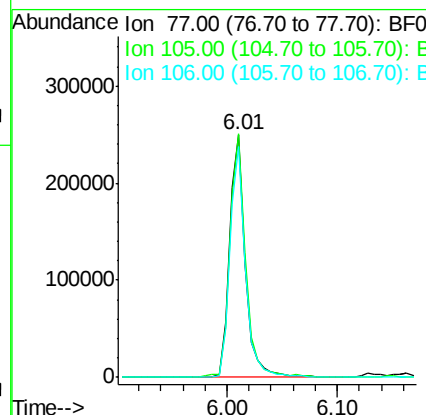
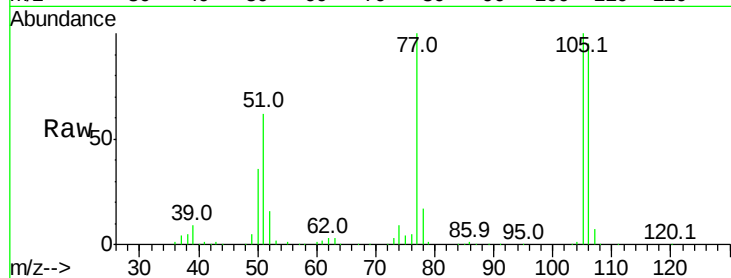
106 95.2 79.1 119.1

Manual Integrations

APPROVED

Sohil

8/2/2017 7:15:21 PM



#10

Phenol

Concen: 48.288 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

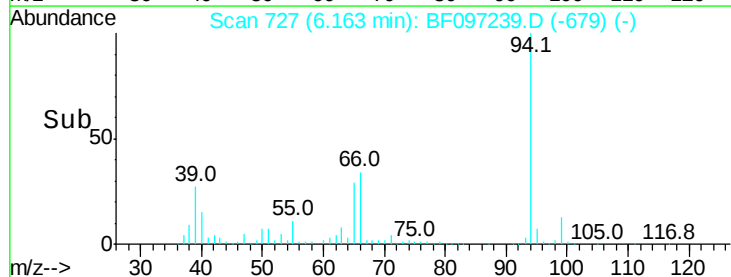
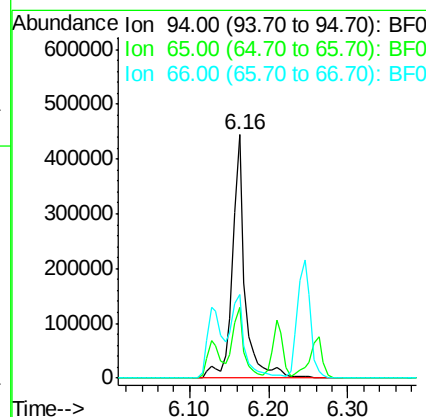
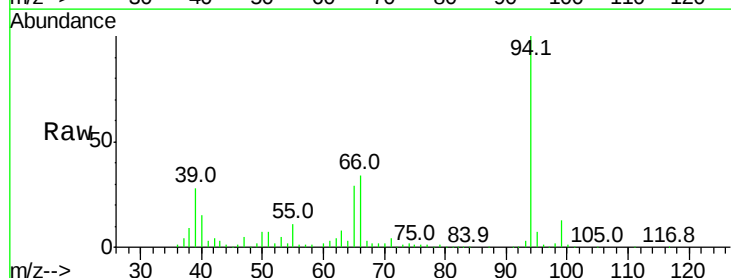
Tgt Ion: 94 Resp: 491875

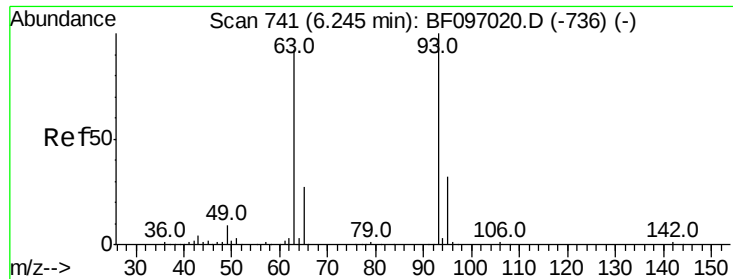
Ion Ratio Lower Upper

94 100

65 28.9 9.9 49.9

66 34.4 23.1 63.1





#11

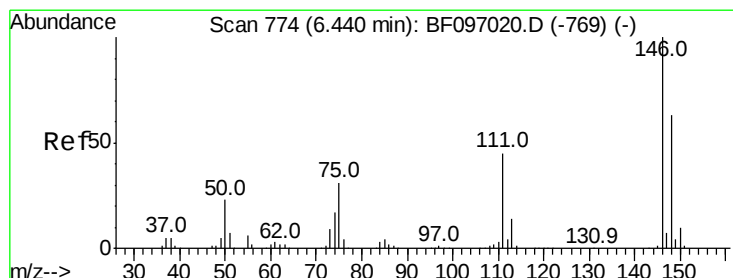
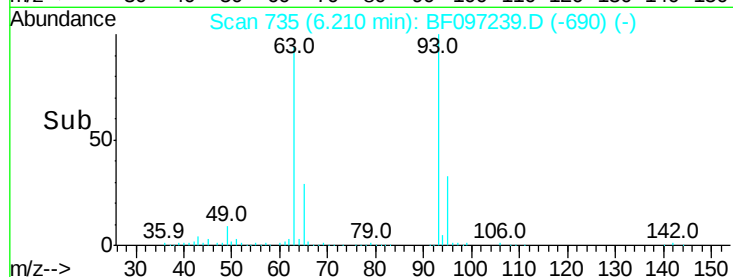
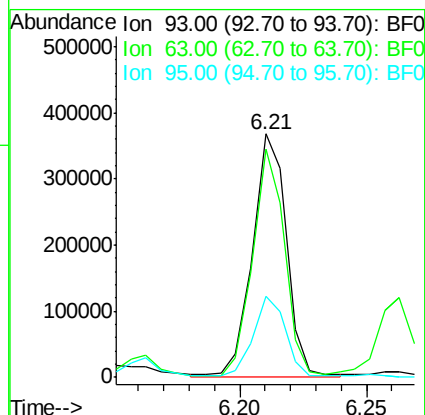
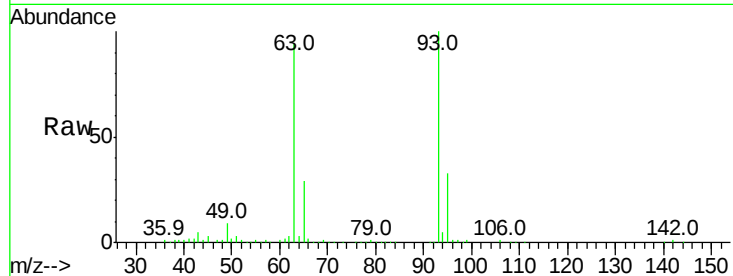
bis(2-Chloroethyl)ether  
Concen: 43.066 ng  
RT: 6.21 min Scan# 735  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 346965 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 93.8  | 59.2  | 99.2   |
| 95        | 33.0  | 12.8  | 52.8   |

Manual Integrations  
APPROVED

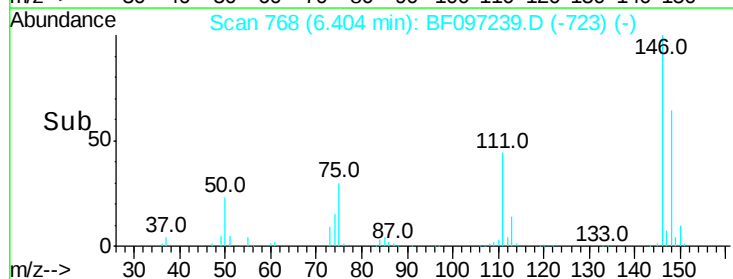
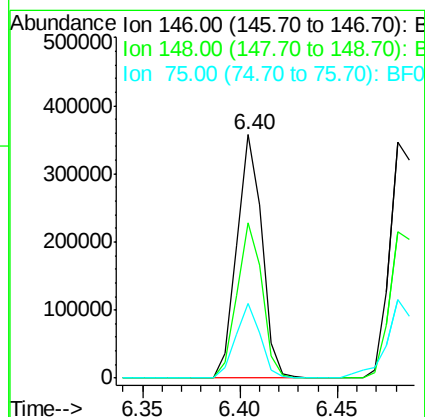
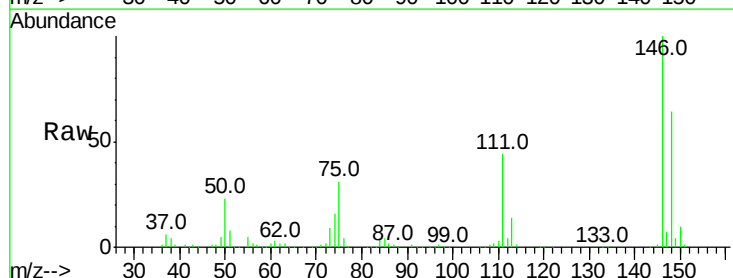
Sohil  
8/2/2017 7:15:21 PM

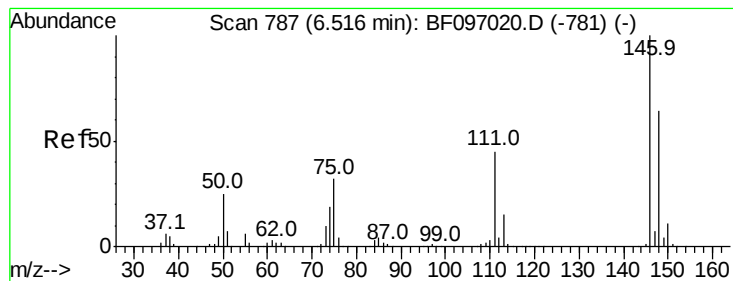


#12

1,3-Dichlorobenzene  
Concen: 36.976 ng  
RT: 6.40 min Scan# 768  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 320520 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.8  | 51.8  | 77.6   |
| 75        | 30.9  | 23.1  | 34.7   |





#13

1,4-Dichlorobenzene

Concen: 37.639 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

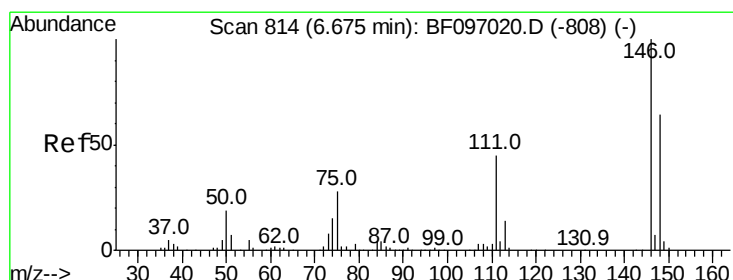
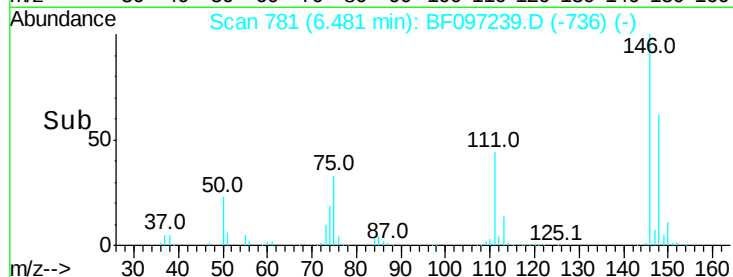
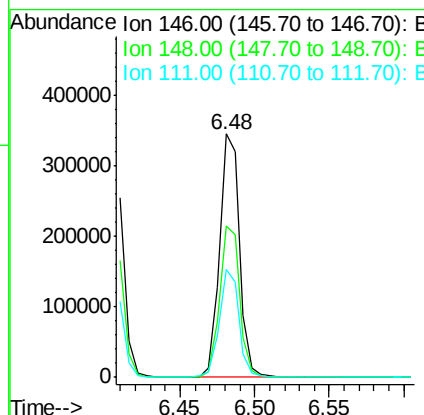
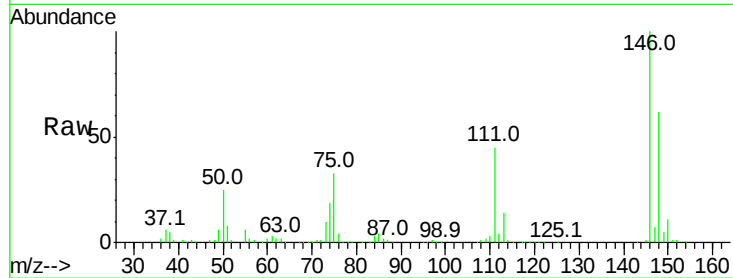
ClientSampleId :

E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.4  | 52.2  | 78.2  |
| 111     | 44.5  | 30.3  | 45.5  |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



#14

1,2-Dichlorobenzene

Concen: 37.134 ng

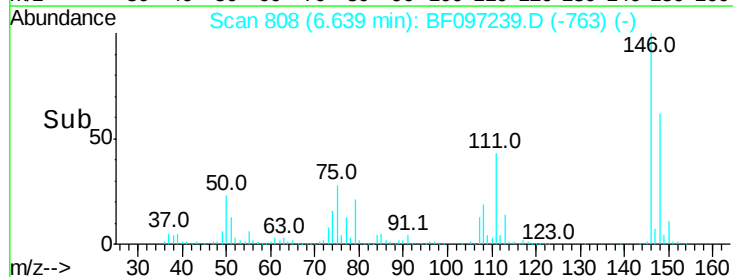
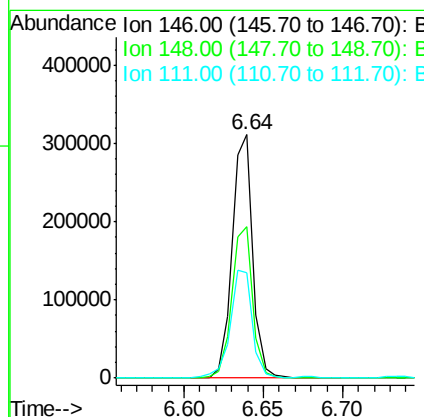
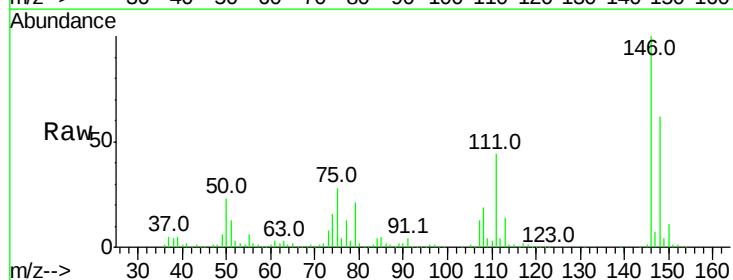
RT: 6.64 min Scan# 808

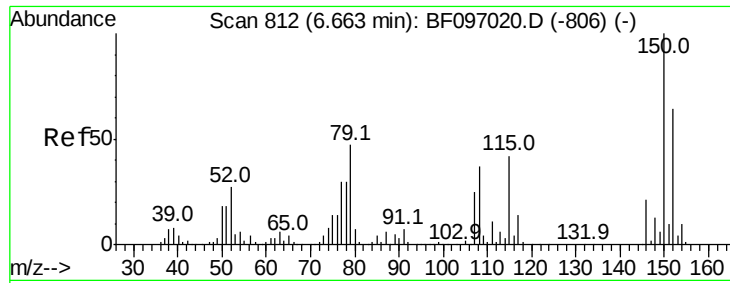
Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 50.4  | 75.6  |
| 111     | 43.5  | 38.2  | 57.4  |





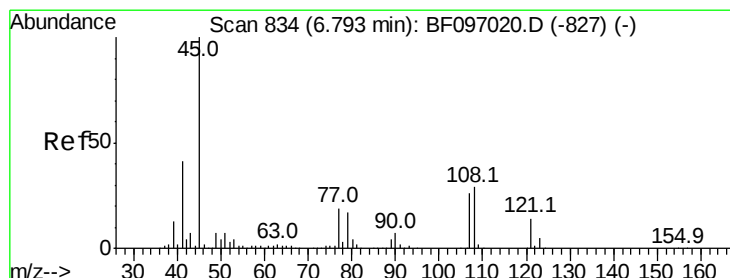
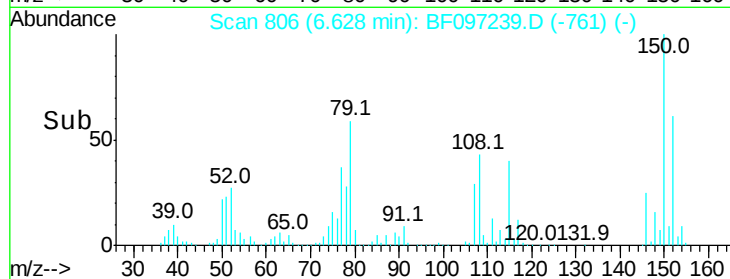
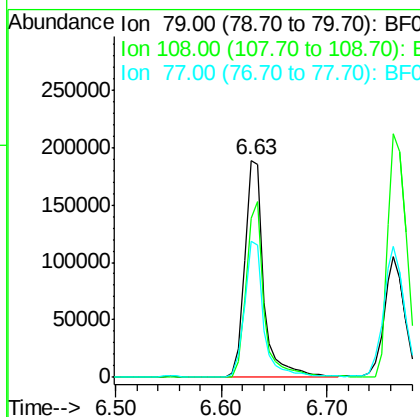
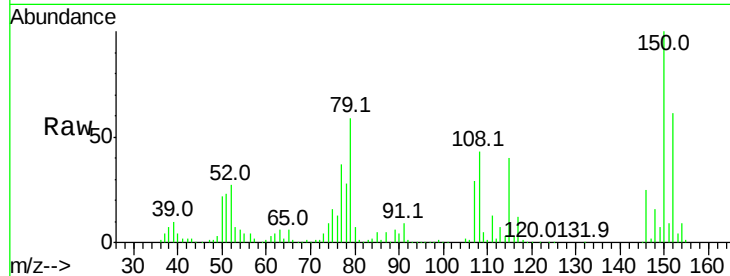
#15  
Benzyl Alcohol  
Concen: 43.298 ng  
RT: 6.63 min Scan# 806  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 73.5  | 63.4  | 95.0  |
| 77      | 62.9  | 49.2  | 73.8  |

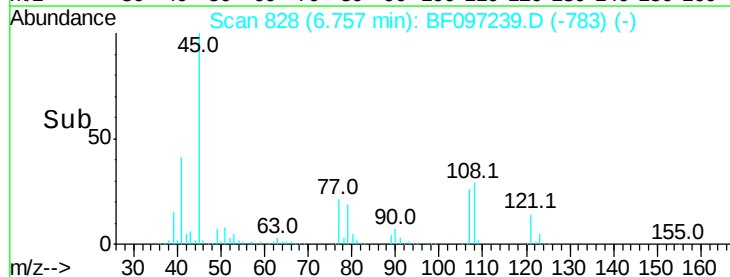
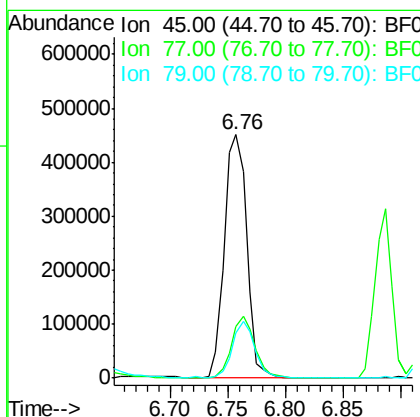
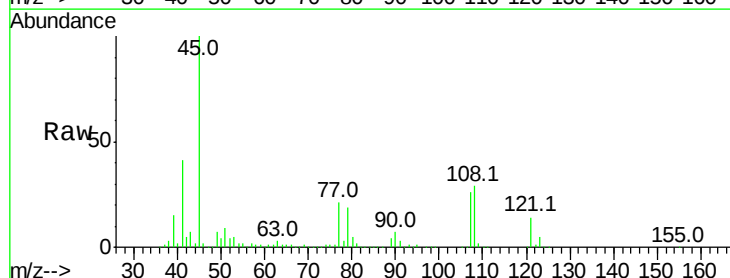
Manual Integrations  
APPROVED

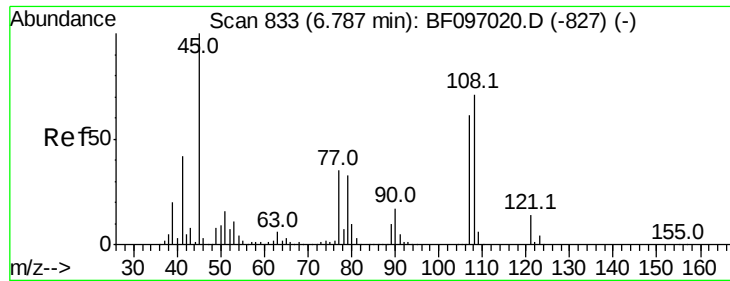
Sohil  
8/2/2017 7:15:21 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.725 ng  
RT: 6.76 min Scan# 828  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 21.0  | 0.0   | 33.2  |
| 79      | 18.6  | 0.0   | 30.0  |





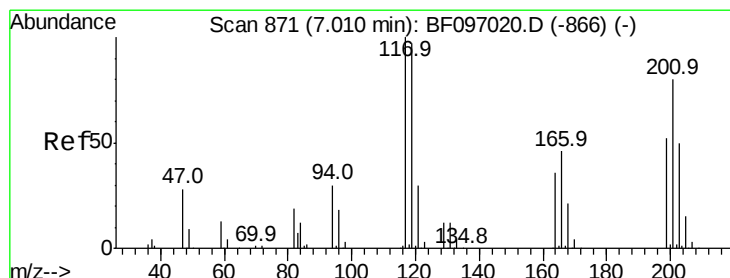
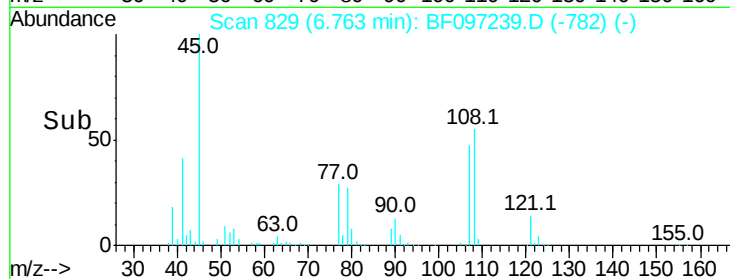
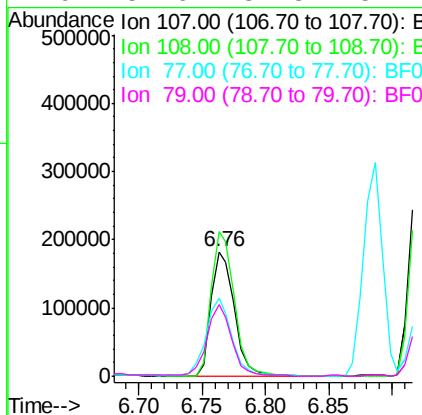
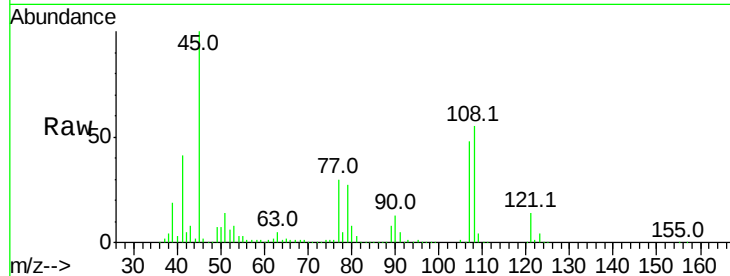
#17  
2-Methylphenol  
Concen: 37.909 ng  
RT: 6.76 min Scan# 829  
Delta R.T. -0.02 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 107     | 100   |            |       |
| 108     | 116.1 | 93.4       | 140.0 |
| 77      | 62.4  | 35.8       | 53.6# |
| 79      | 57.6  | 34.8       | 52.2# |

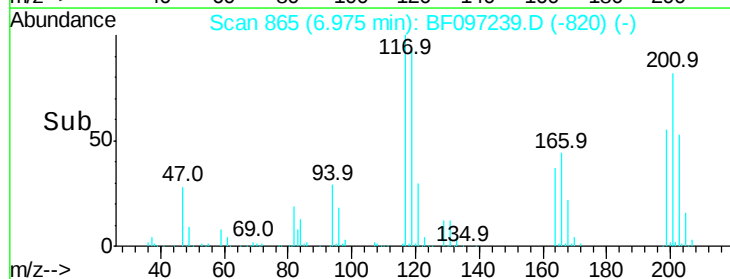
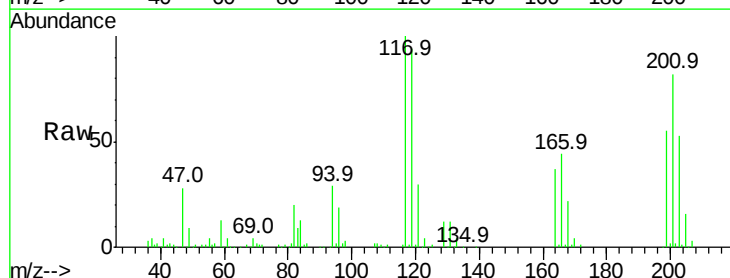
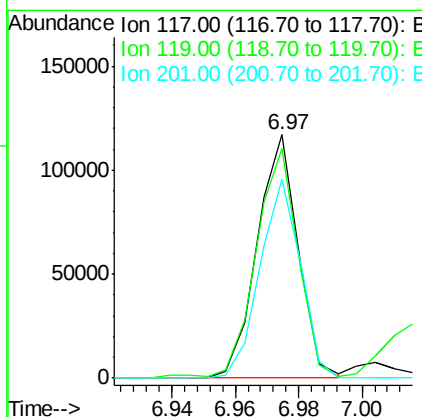
Manual Integrations  
APPROVED

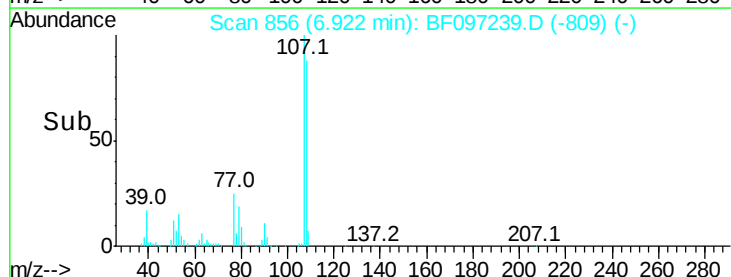
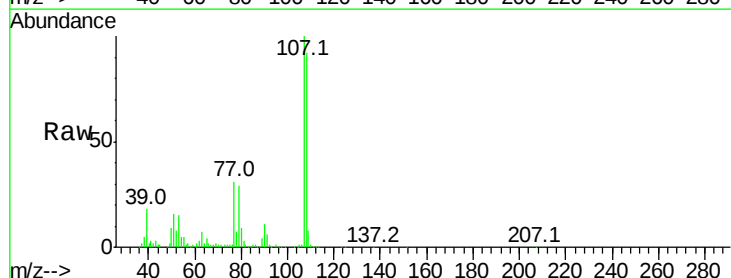
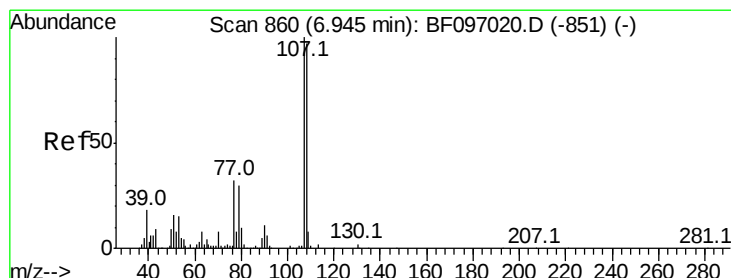
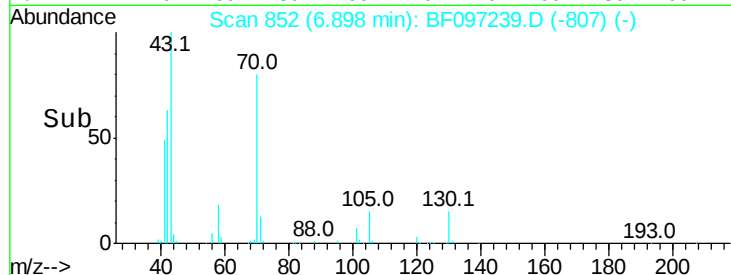
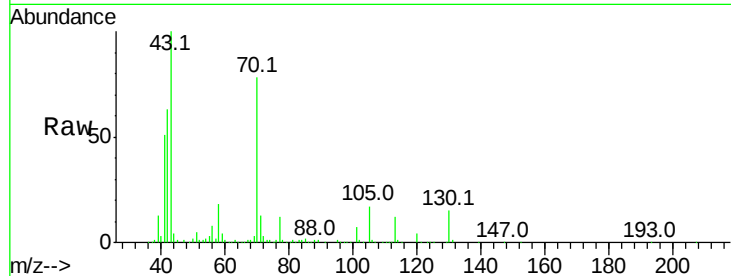
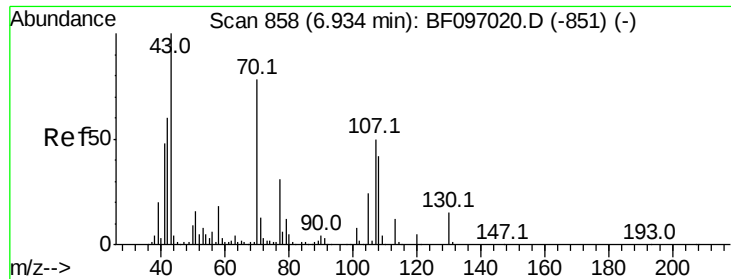
Sohil  
8/2/2017 7:15:21 PM



#18  
Hexachloroethane  
Concen: 33.222 ng  
RT: 6.97 min Scan# 865  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp Lower | Upper  |
|---------|-------|------------|--------|
| 117     | 100   |            |        |
| 119     | 94.1  | 77.4       | 116.0  |
| 201     | 81.6  | 94.6       | 141.8# |





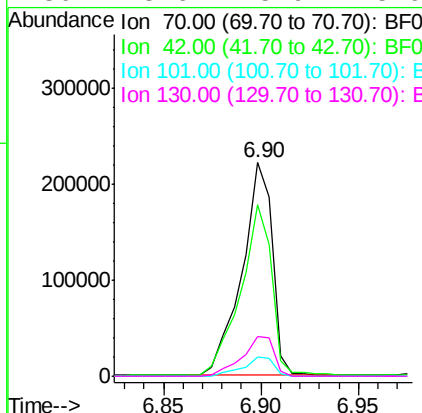
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.254 ng  
RT: 6.90 min Scan# 852  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 70      | 100   |      |       |       |
| 42      | 80.3  | 47.2 | 70.8# |       |
| 101     | 9.1   | 7.2  | 10.8  |       |
| 130     | 18.6  | 15.9 | 23.9  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

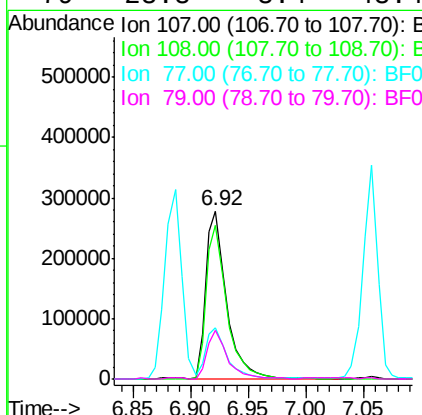
Manual Integrations  
APPROVED

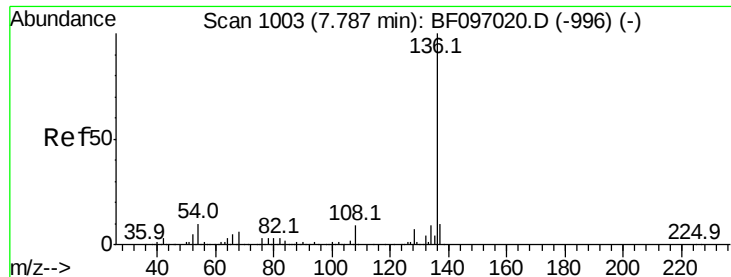
Sohil  
8/2/2017 7:15:21 PM



#20  
3+4-Methylphenols  
Concen: 42.917 ng  
RT: 6.92 min Scan# 856  
Delta R.T. -0.02 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 107     | 100   |      |        |       |
| 108     | 91.5  | 71.0 | 111.0  |       |
| 77      | 30.8  | 90.5 | 130.5# |       |
| 79      | 28.8  | 8.4  | 48.4   |       |





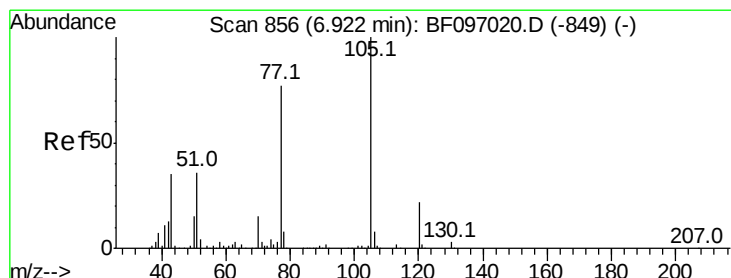
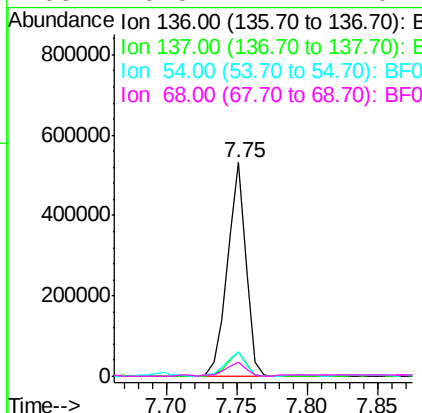
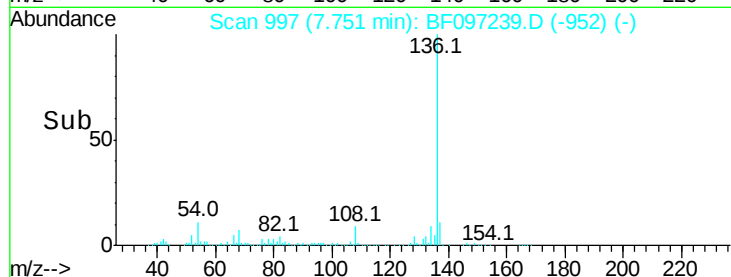
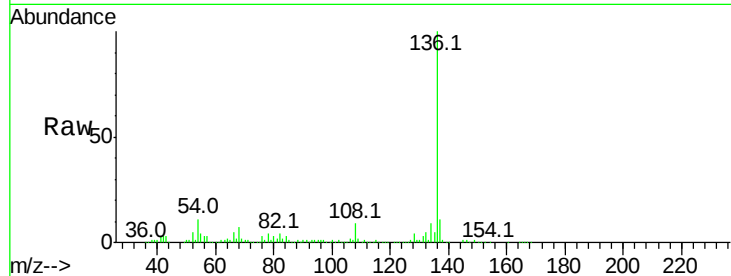
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.75 min Scan# 997  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.2  | 8.5  | 12.7  |       |
| 54      | 11.3  | 4.9  | 7.3   |       |
| 68      | 6.8   | 4.1  | 6.1   |       |

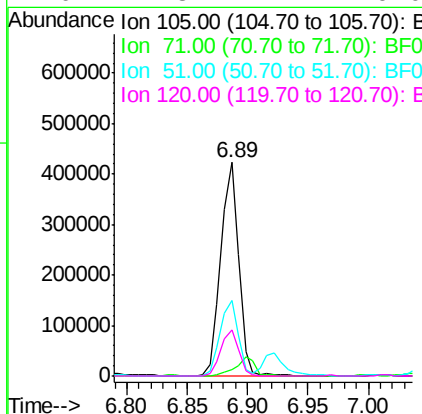
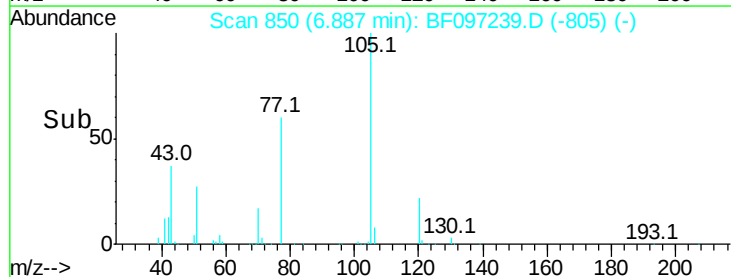
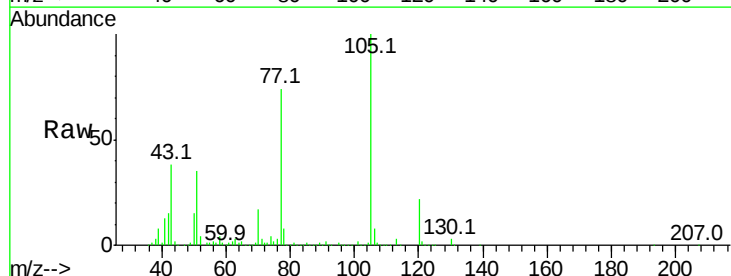
Manual Integrations  
APPROVED

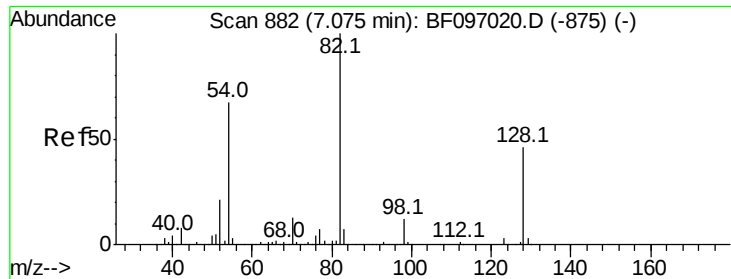
Sohil  
8/2/2017 7:15:21 PM



#22  
Acetophenone  
Concen: 37.749 ng  
RT: 6.89 min Scan# 850  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 3.3   | 2.8  | 4.2   |       |
| 51      | 35.4  | 30.7 | 46.1  |       |
| 120     | 21.8  | 17.4 | 26.0  |       |





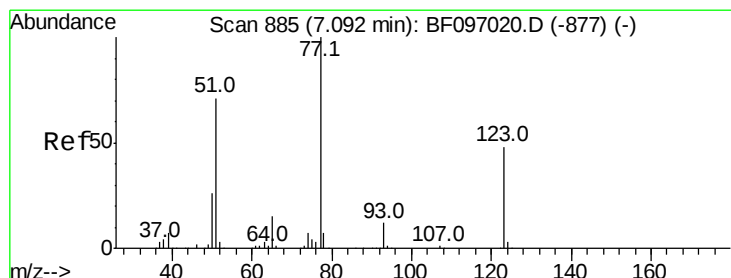
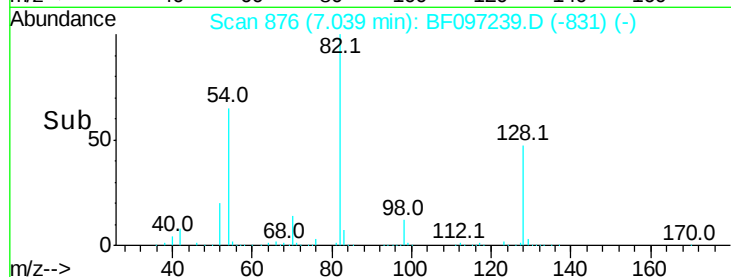
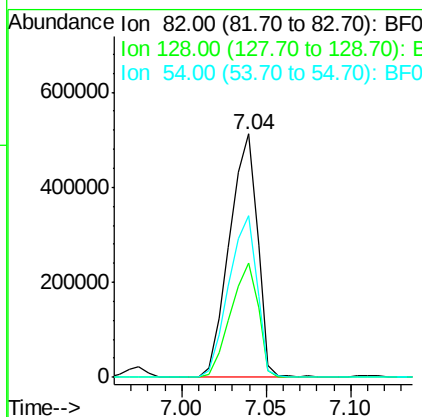
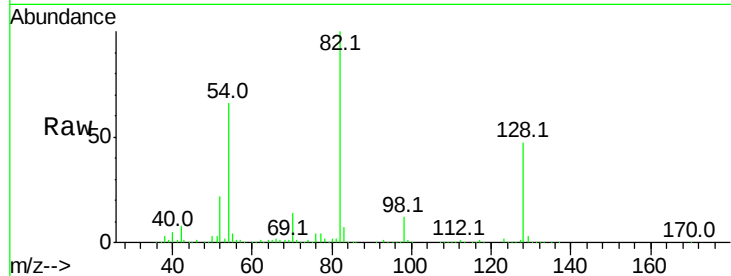
#23  
Nitrobenzene-d5  
Concen: 71.686 ng  
RT: 7.04 min Scan# 876  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 46.8  | 34.0 | 51.0  |       |
| 54      | 66.5  | 42.2 | 63.2  |       |

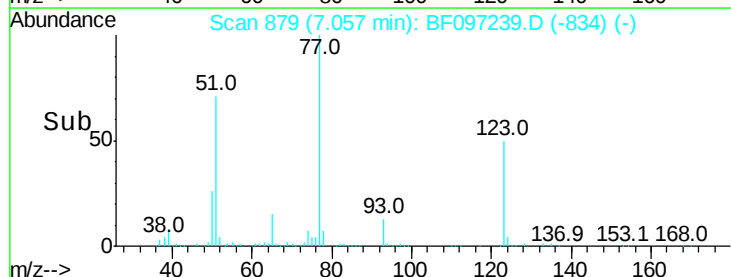
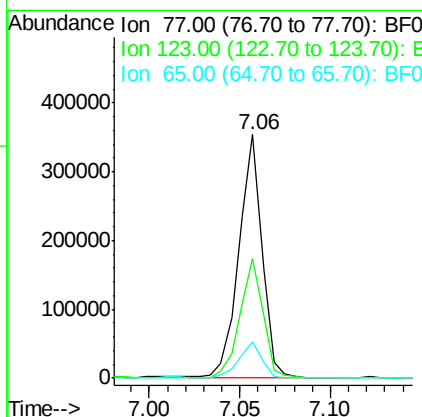
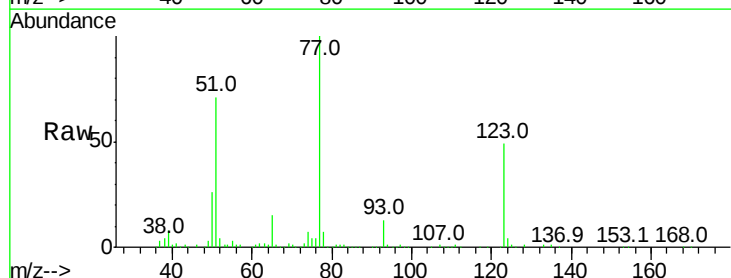
Manual Integrations  
APPROVED

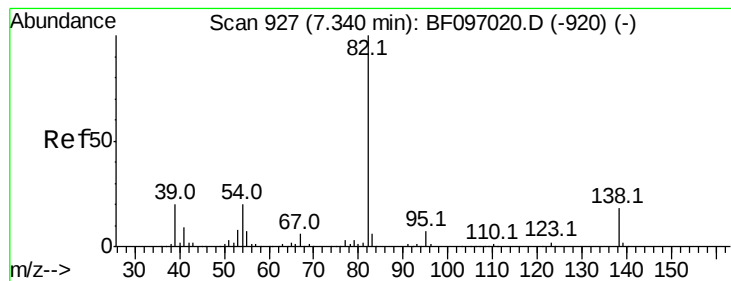
Sohil  
8/2/2017 7:15:21 PM



#24  
Nitrobenzene  
Concen: 36.520 ng  
RT: 7.06 min Scan# 879  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 49.2  | 35.8 | 53.8  |       |
| 65      | 15.1  | 10.6 | 15.8  |       |





#25

Isophorone

Concen: 37.332 ng

RT: 7.30 min Scan# 920

Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

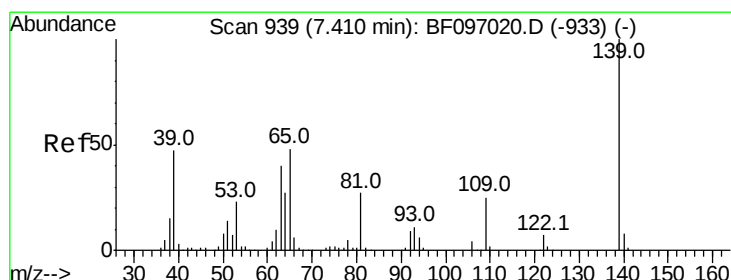
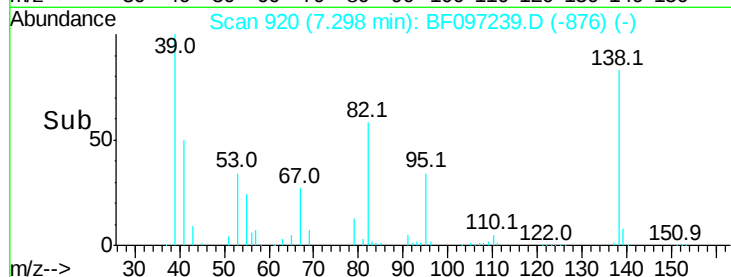
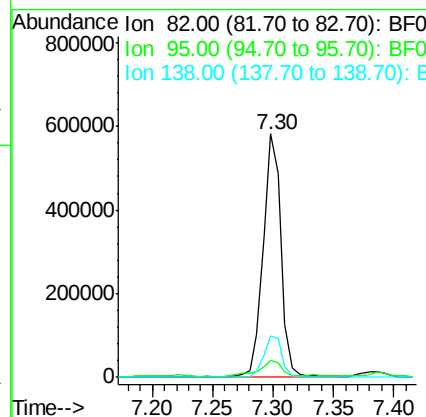
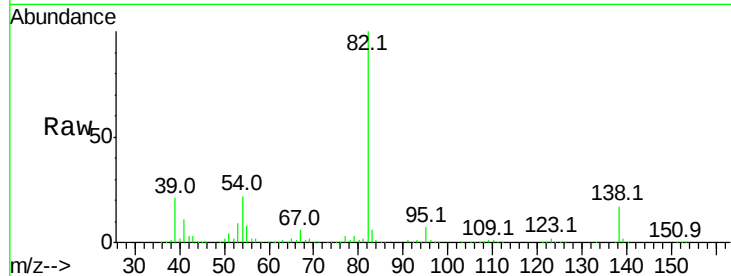
ClientSampleId :

E2-L6-NSW-DUPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 600564 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 5.3   | 7.9    |
| 138       | 17.2  | 13.1  | 19.7   |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



#26

2-Nitrophenol

Concen: 31.480 ng

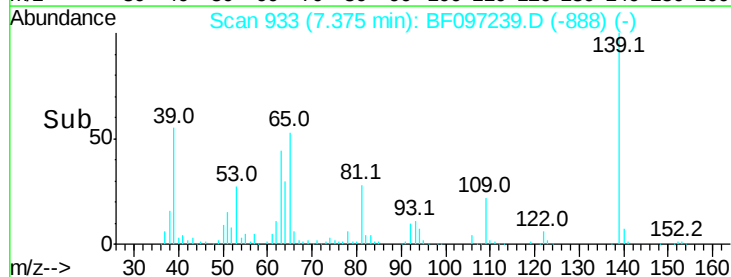
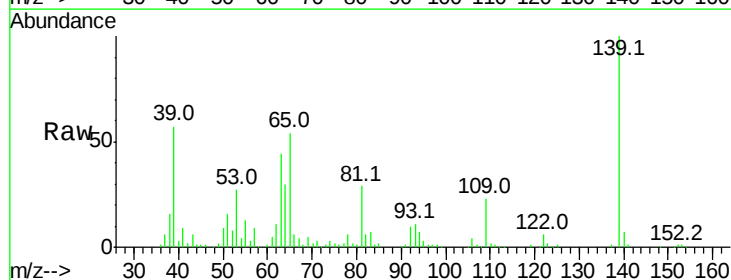
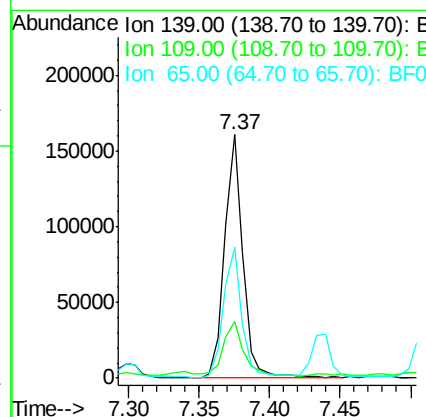
RT: 7.37 min Scan# 933

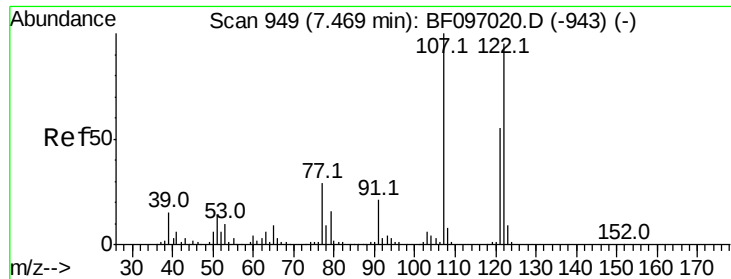
Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 145707 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 23.1  | 21.0  | 31.6   |
| 65        | 53.7  | 33.0  | 49.6#  |





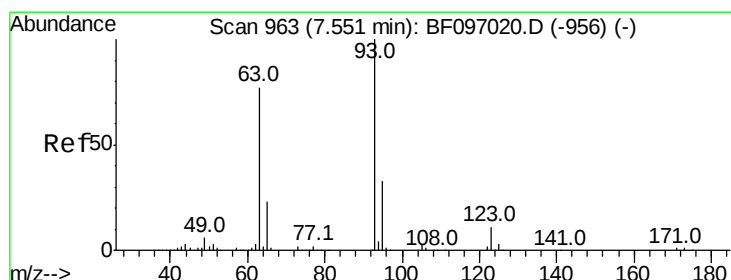
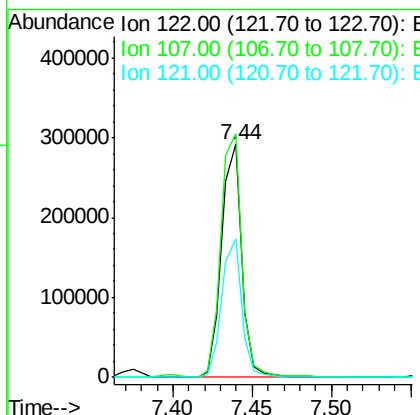
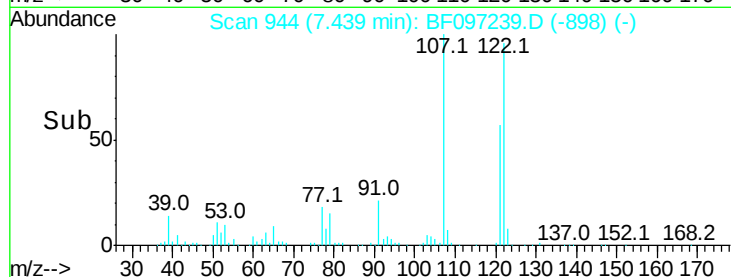
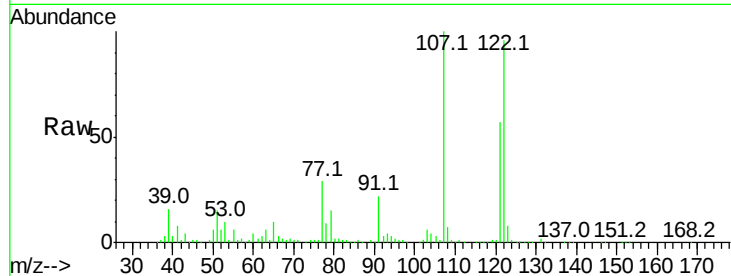
#27  
2,4-Dimethylphenol  
Concen: 33.678 ng  
RT: 7.44 min Scan# 944  
Delta R.T. -0.03 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 257138 |       |       |
| 107     | 104.5 | 89.2   | 133.8 |       |
| 121     | 59.6  | 45.2   | 67.8  |       |

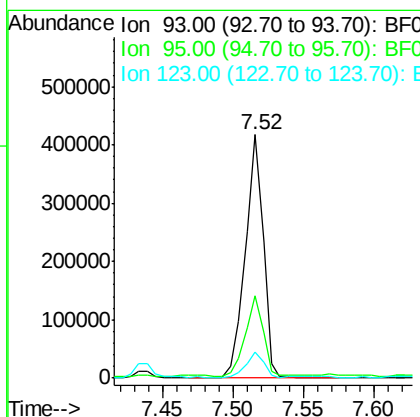
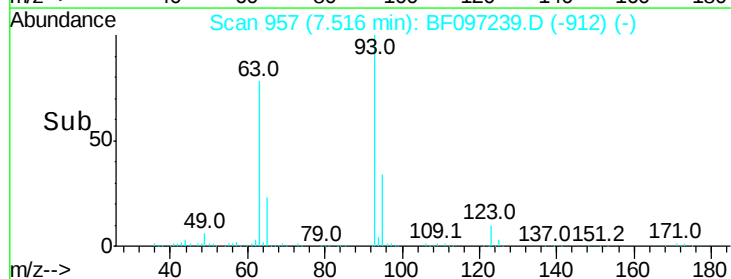
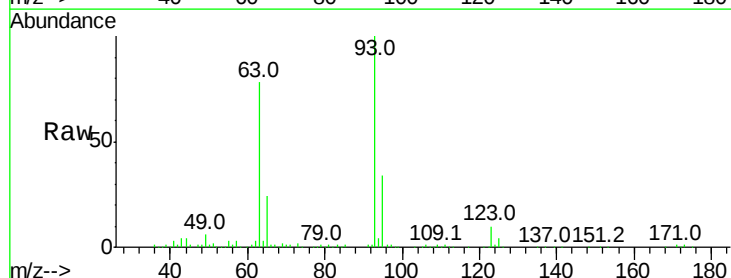
Manual Integrations  
APPROVED

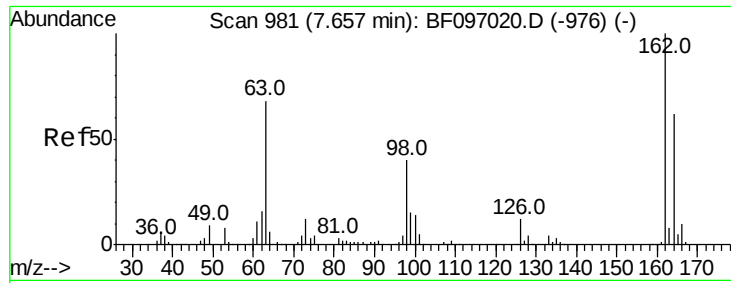
Sohil  
8/2/2017 7:15:21 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 35.446 ng  
RT: 7.52 min Scan# 957  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 372114 |       |       |
| 95      | 34.0  | 26.5   | 39.7  |       |
| 123     | 10.4  | 9.0    | 13.4  |       |





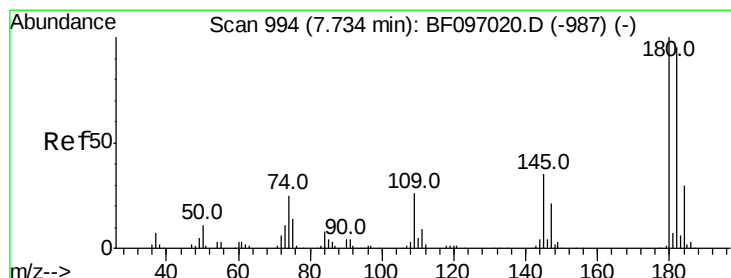
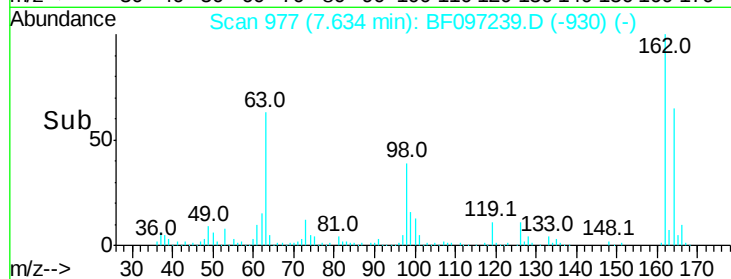
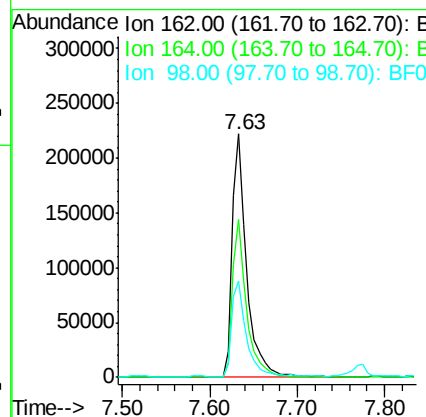
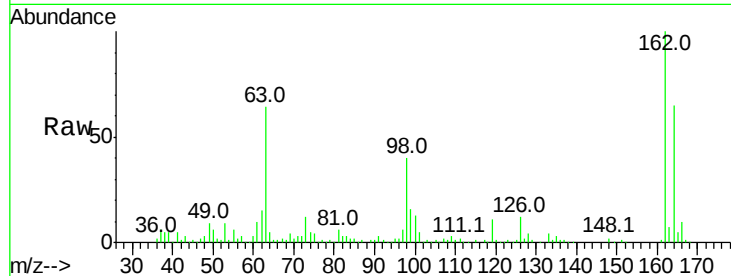
#29  
 2,4-Dichlorophenol  
 Concen: 38.734 ng  
 RT: 7.63 min Scan# 977  
 Delta R.T. -0.02 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 254771 |       |       |
| 164     | 64.9  | 44.6   | 84.6  |       |
| 98      | 39.6  | 14.8   | 54.8  |       |

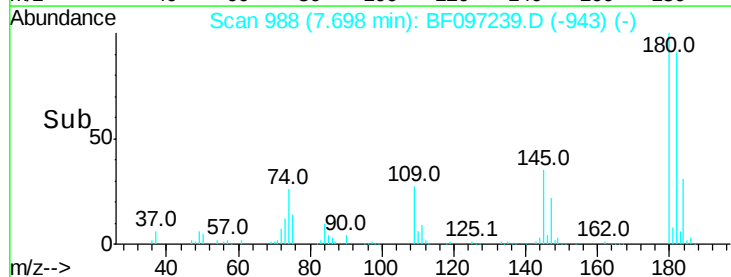
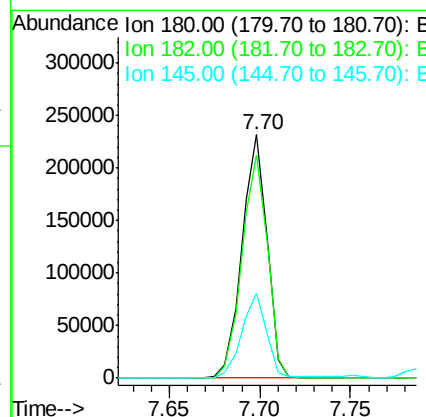
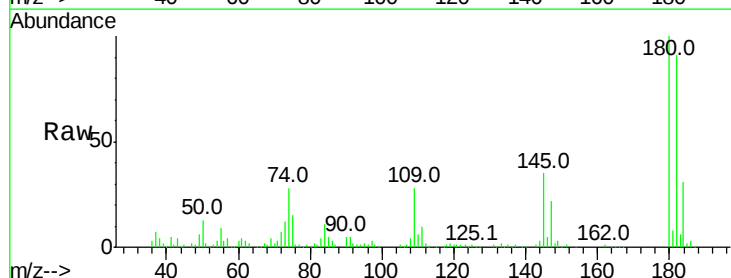
Manual Integrations  
 APPROVED

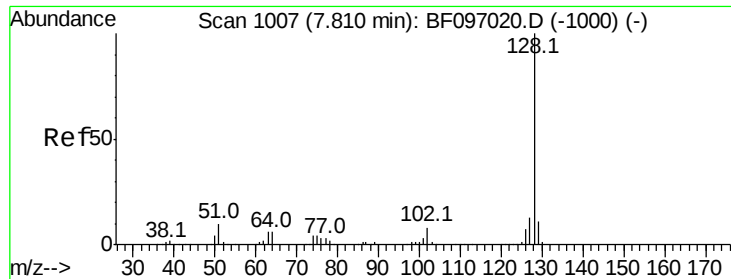
Sohil  
 8/2/2017 7:15:21 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 35.362 ng  
 RT: 7.70 min Scan# 988  
 Delta R.T. -0.04 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 221705 |       |       |
| 182     | 91.4  | 75.8   | 113.6 |       |
| 145     | 34.7  | 25.3   | 37.9  |       |





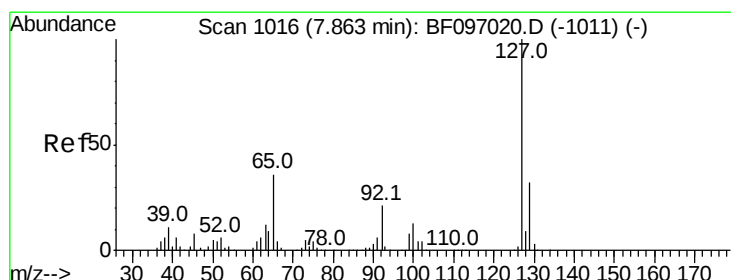
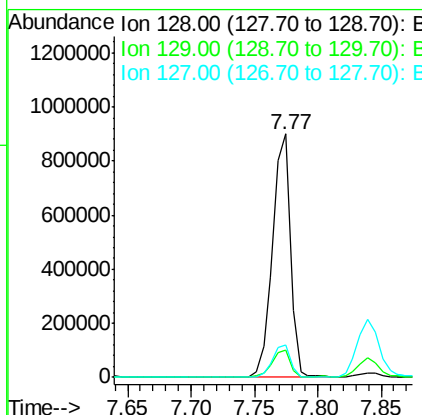
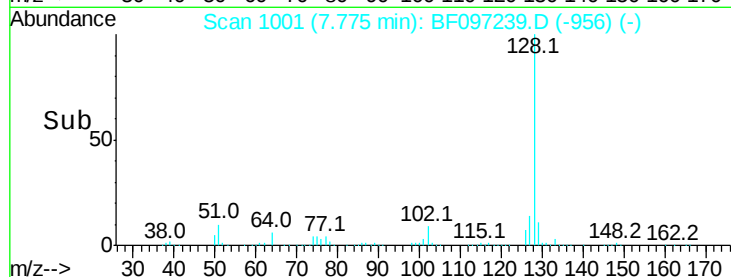
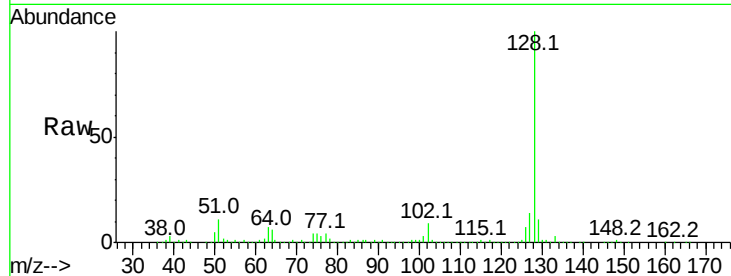
#31  
Naphthalene  
Concen: 38.864 ng  
RT: 7.77 min Scan# 1001  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 882828 |       |       |
| 129     | 11.1  | 9.0    | 13.6  |       |
| 127     | 13.5  | 10.8   | 16.2  |       |

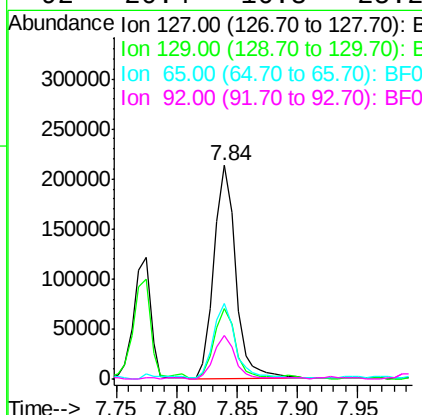
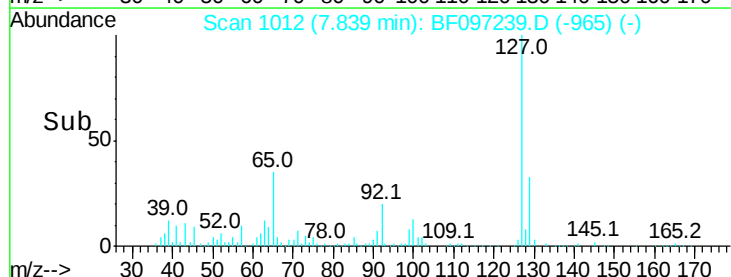
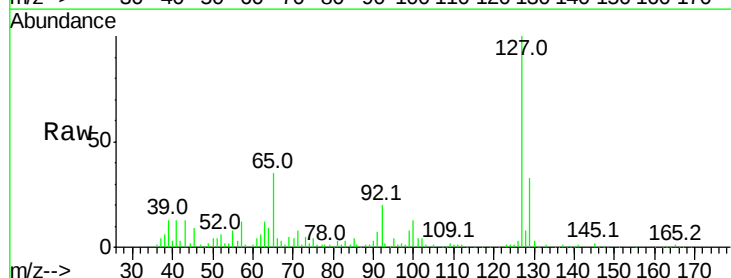
Manual Integrations  
APPROVED

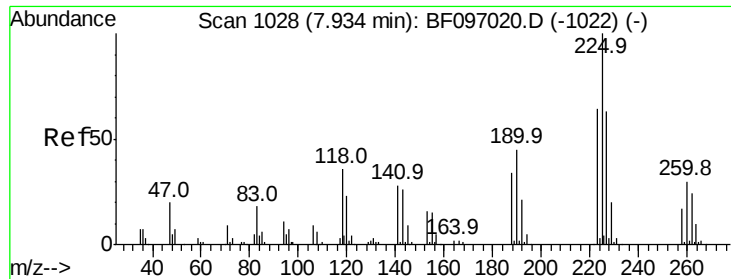
Sohil  
8/2/2017 7:15:21 PM



#33  
4-Chloroaniline  
Concen: 28.641 ng  
RT: 7.84 min Scan# 1012  
Delta R.T. -0.02 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 264728 |       |       |
| 129     | 33.1  | 26.2   | 39.2  |       |
| 65      | 35.4  | 27.8   | 41.8  |       |
| 92      | 20.4  | 16.8   | 25.2  |       |





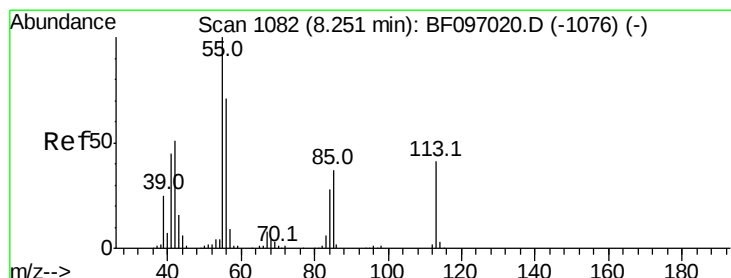
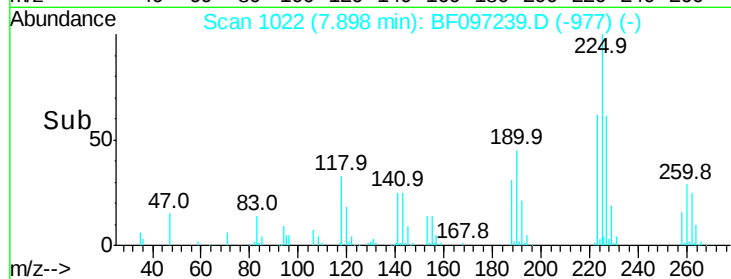
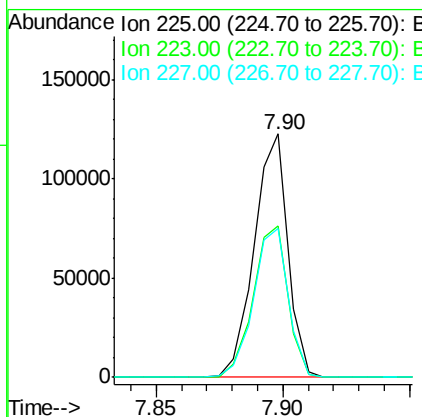
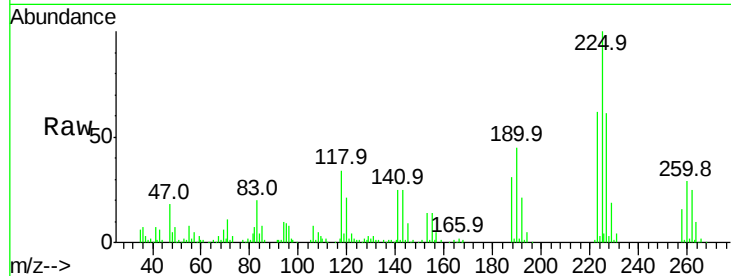
#34  
Hexachlorobutadiene  
Concen: 34.017 ng  
RT: 7.90 min Scan# 1022  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 113064 |       |       |
| 223     | 62.0  |        | 48.8  | 73.2  |
| 227     | 61.1  |        | 51.1  | 76.7  |

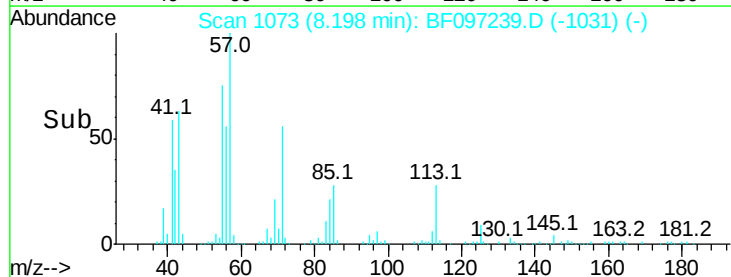
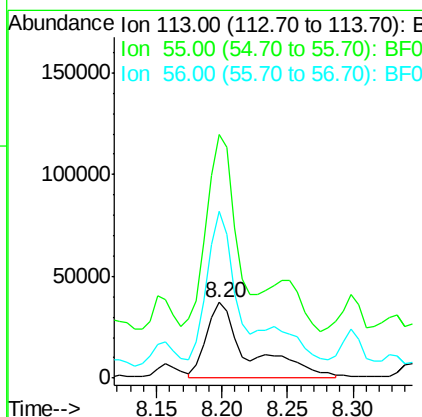
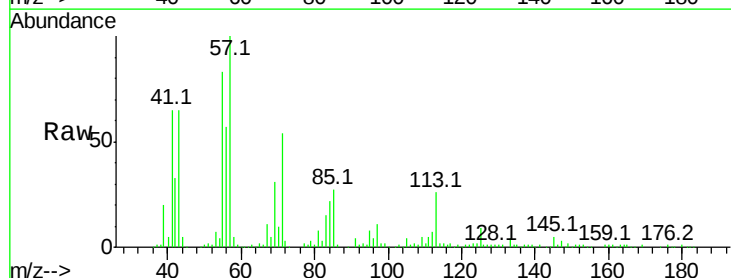
Manual Integrations  
APPROVED

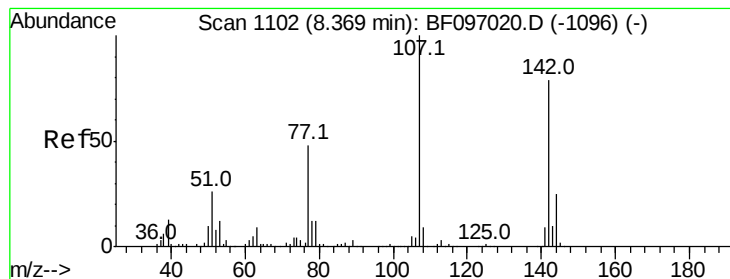
Sohil  
8/2/2017 7:15:21 PM



#35  
Caprolactam  
Concen: 39.945 ng m  
RT: 8.20 min Scan# 1073  
Delta R.T. -0.05 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp  | Lower | Upper  |
|---------|-------|-------|-------|--------|
| 113     | 100   | 84249 |       |        |
| 55      | 322.7 |       | 150.2 | 190.2# |
| 56      | 221.1 |       | 107.8 | 147.8# |





#36

4-Chloro-3-methylphenol

Concen: 32.646 ng

RT: 8.35 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

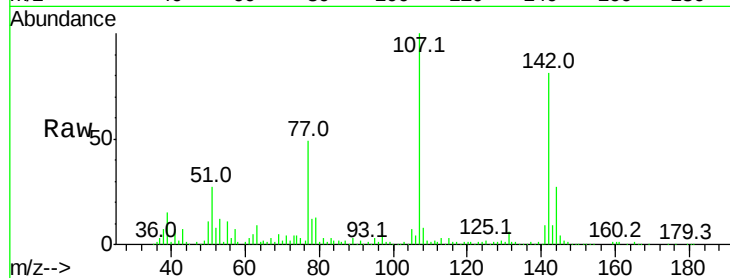
ClientSampleId :

E2-L6-NSW-DUPMS

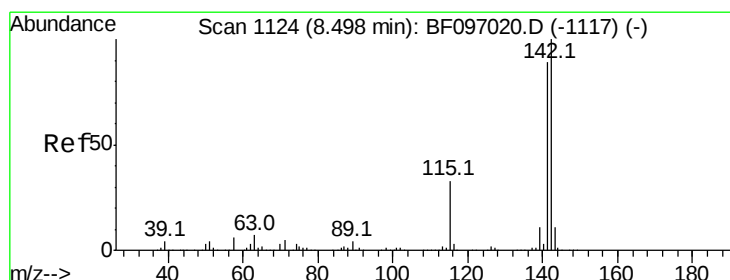
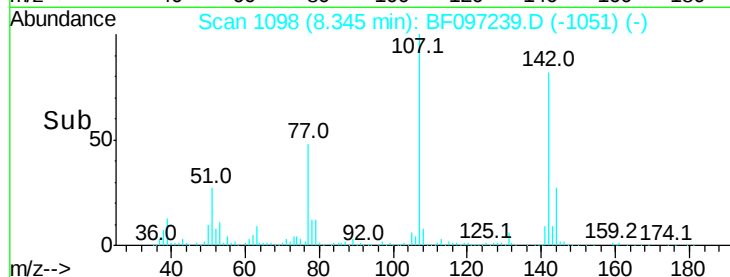
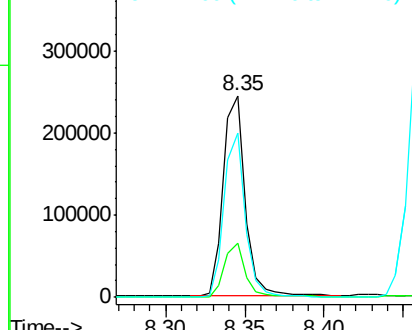
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 234267 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 27.0  | 24.2  | 36.4   |
| 142       | 81.3  | 73.4  | 110.0  |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 34.494 ng

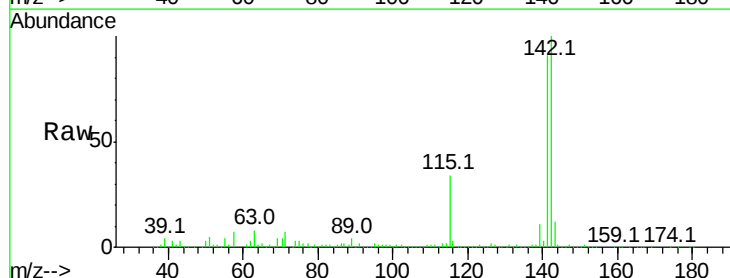
RT: 8.46 min Scan# 1118

Delta R.T. -0.04 min

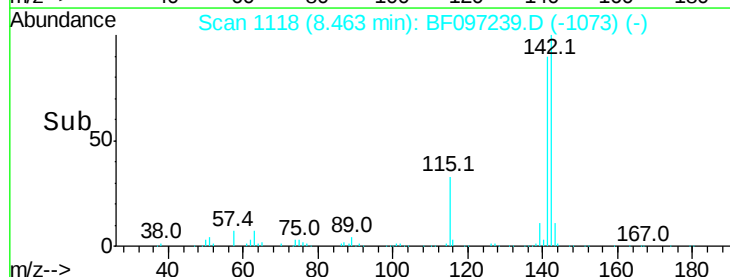
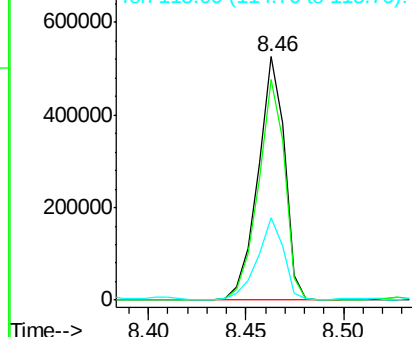
Lab File: BF097239.D

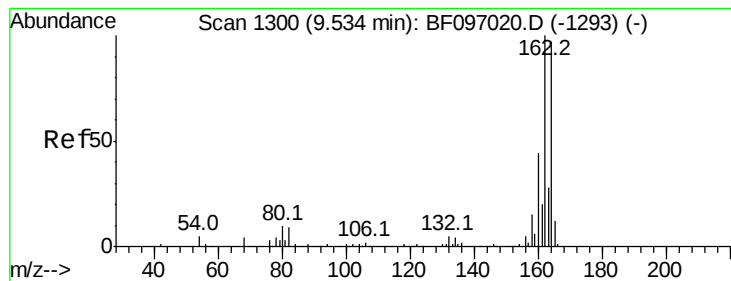
Acq: 1 Aug 2017 18:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 496117 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 90.6  | 71.3  | 106.9  |
| 115       | 33.9  | 27.1  | 40.7   |



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.50 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

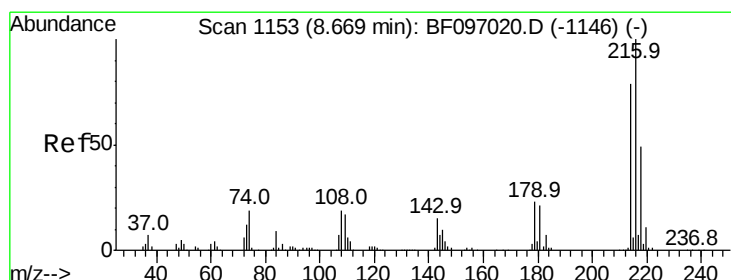
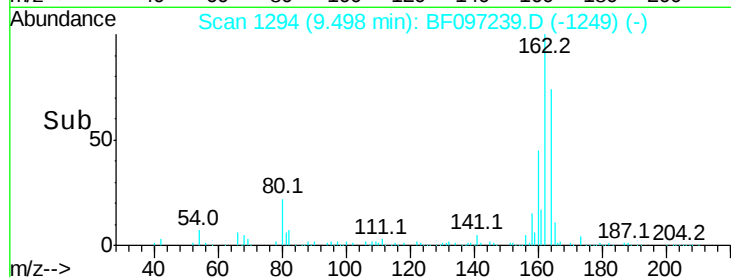
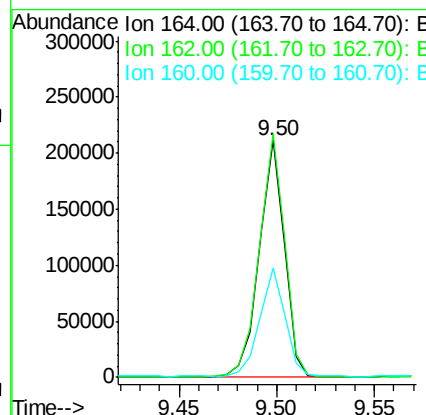
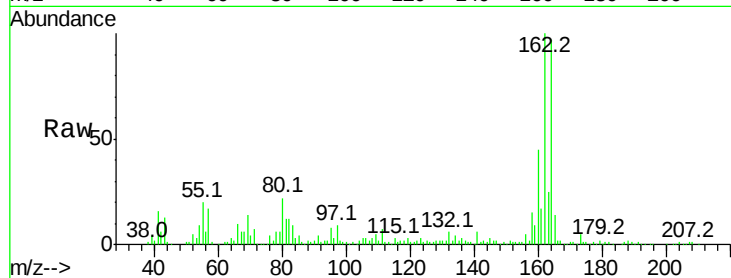
ClientSampleId :

E2-L6-NSW-DUPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 187538 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.8 | 82.6  | 123.8  |
| 160       | 45.9  | 36.2  | 54.2   |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.446 ng

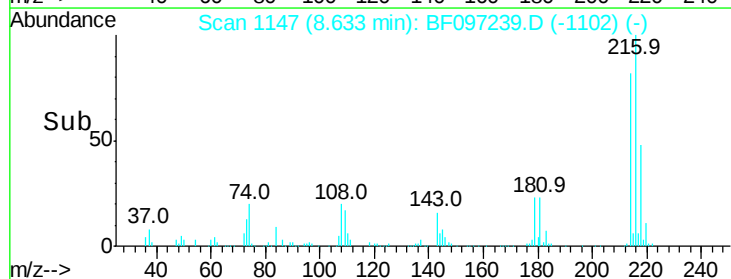
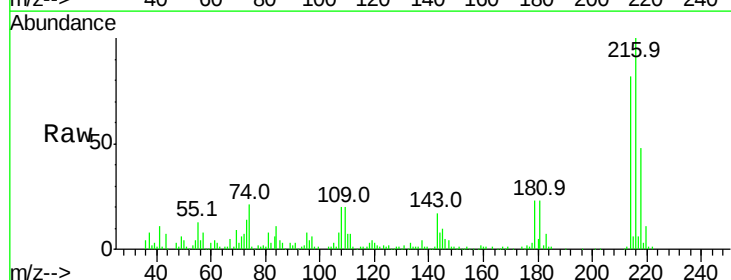
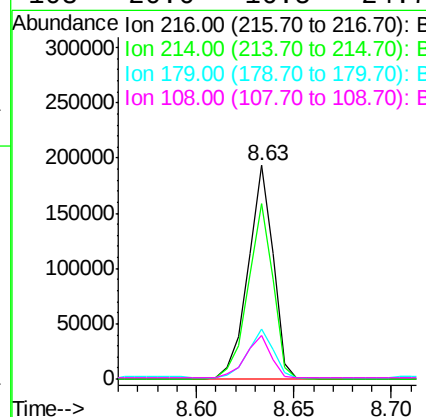
RT: 8.63 min Scan# 1147

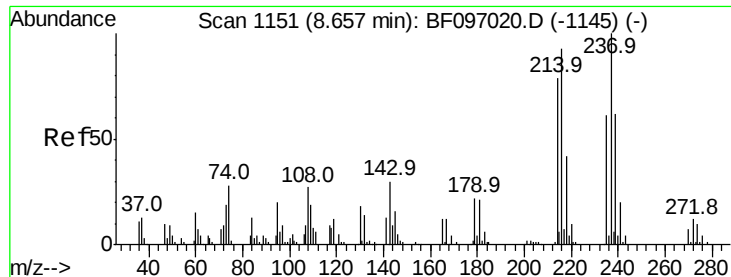
Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 172368 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 81.1  | 63.4  | 95.2   |
| 179       | 23.9  | 17.9  | 26.9   |
| 108       | 20.6  | 16.5  | 24.7   |





#40

Hexachlorocyclopentadiene

Concen: 13.766 ng

RT: 8.62 min Scan# 1144

Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

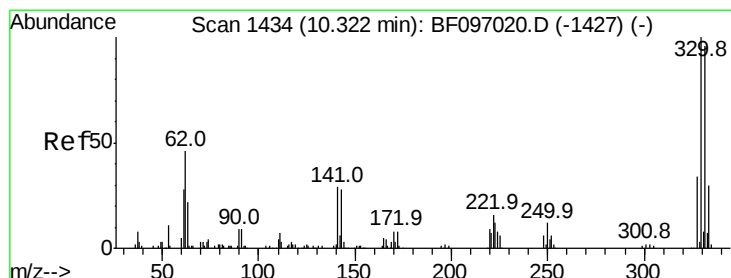
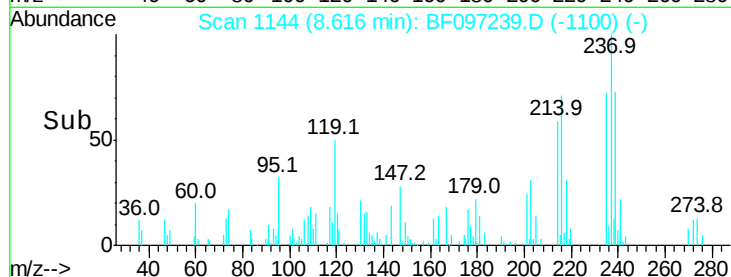
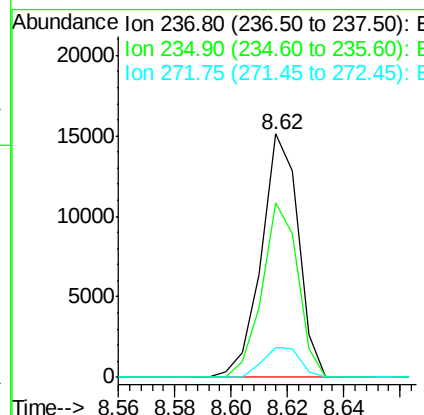
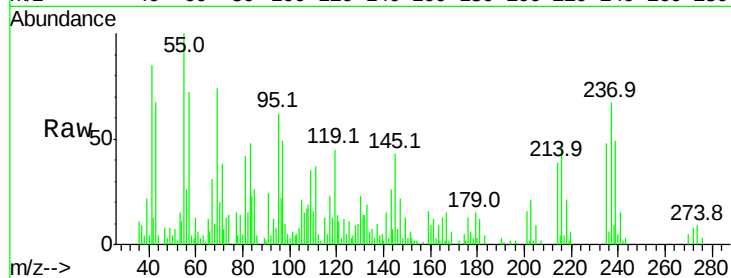
ClientSampleId :

E2-L6-NSW-DUPMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 13682 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 71.5  | 42.6  | 82.6  |
| 272       | 12.4  | 0.0   | 31.9  |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



#41

2,4,6-Tribromophenol

Concen: 90.936 ng

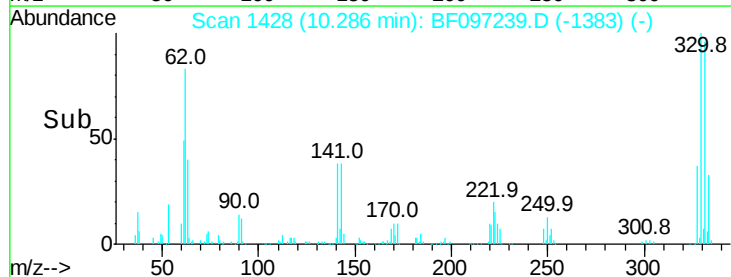
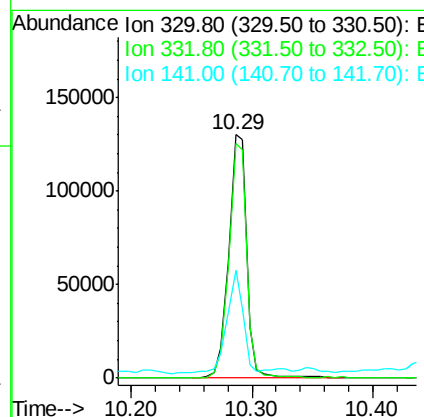
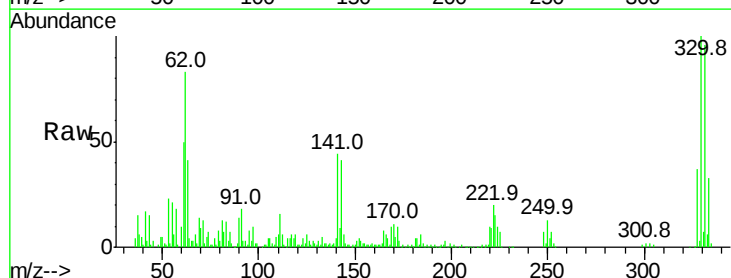
RT: 10.29 min Scan# 1428

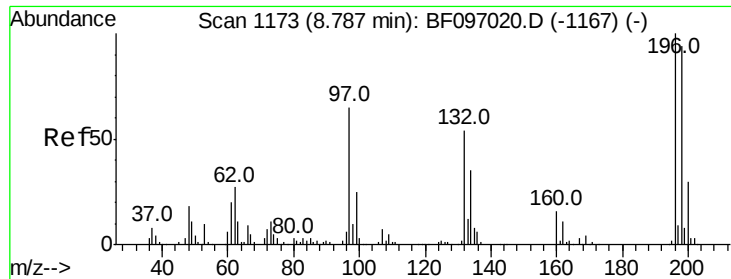
Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 134743 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.7  | 76.6  | 115.0  |
| 141       | 38.8  | 31.4  | 47.2   |





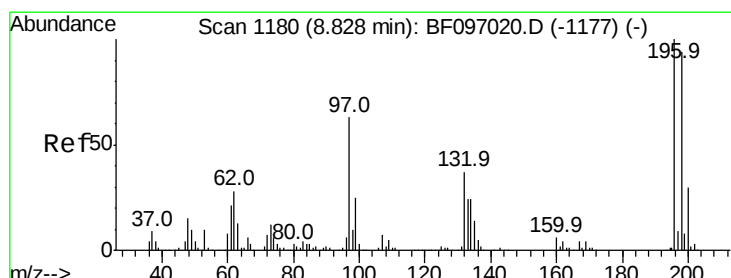
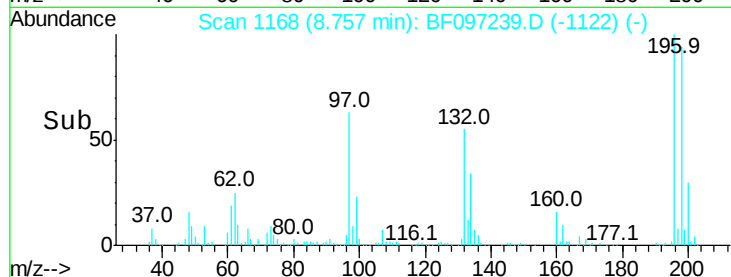
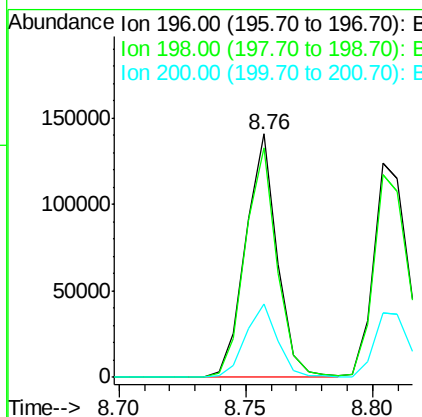
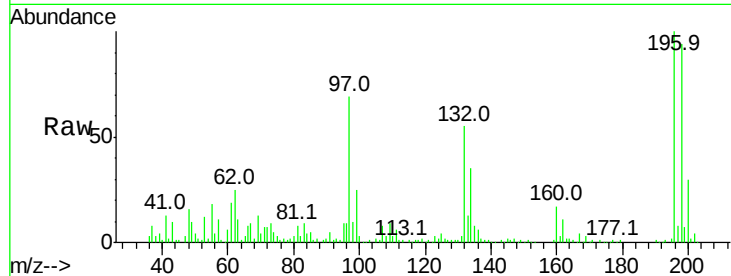
#42  
 2,4,6-Trichlorophenol  
 Concen: 33.684 ng  
 RT: 8.76 min Scan# 1168  
 Delta R.T. -0.03 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 122146 |       |       |
| 198     | 94.3  | 74.2   | 111.4 |       |
| 200     | 30.4  | 24.0   | 36.0  |       |

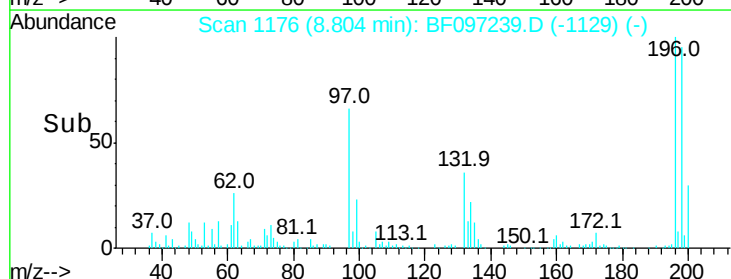
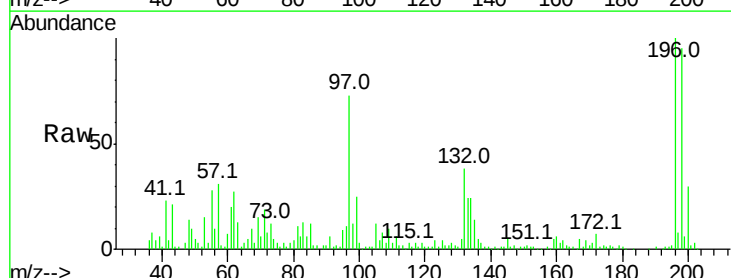
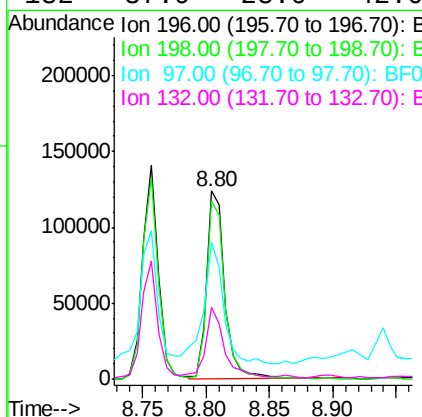
Manual Integrations  
 APPROVED

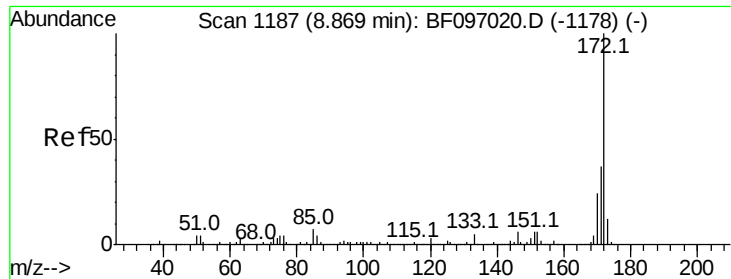
Sohil  
 8/2/2017 7:15:21 PM



#43  
 2,4,5-Trichlorophenol  
 Concen: 34.001 ng  
 RT: 8.80 min Scan# 1176  
 Delta R.T. -0.02 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 123408 |       |       |
| 198     | 94.7  | 75.7   | 113.5 |       |
| 97      | 73.2  | 47.7   | 71.5# |       |
| 132     | 37.9  | 28.0   | 42.0  |       |





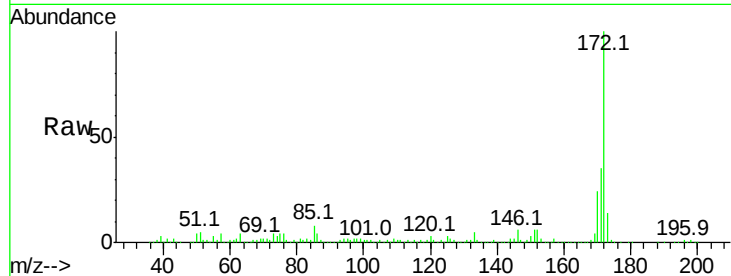
#44  
 2-Fluorobiphenyl  
 Concen: 69.063 ng  
 RT: 8.83 min Scan# 1180  
 Delta R.T. -0.04 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSW-DUPMS

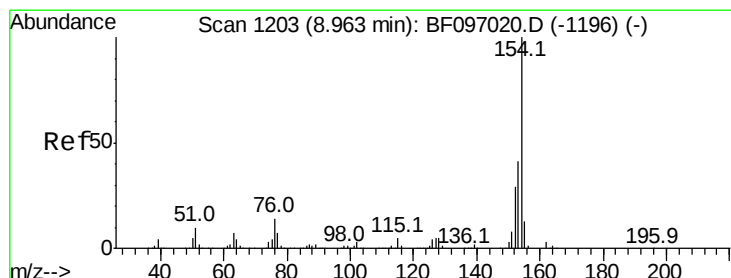
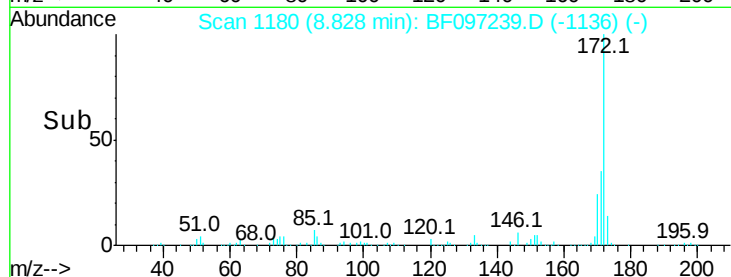
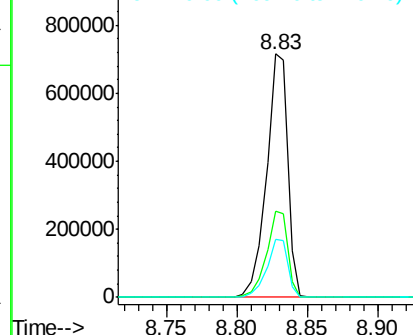
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 763179 |       |       |
| 171     | 35.1  |        | 29.6  | 44.4  |
| 170     | 24.0  |        | 19.8  | 29.8  |

Manual Integrations  
 APPROVED

Sohil  
 8/2/2017 7:15:21 PM

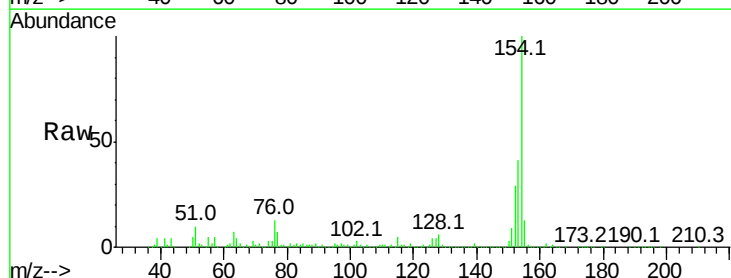


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

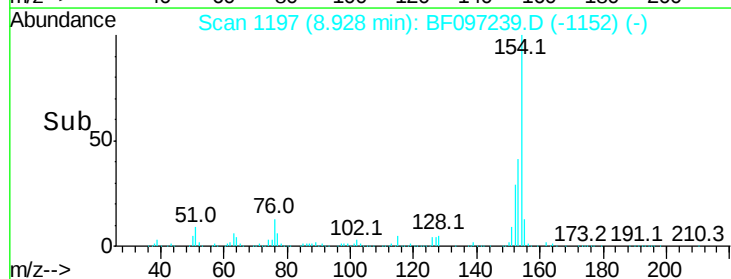
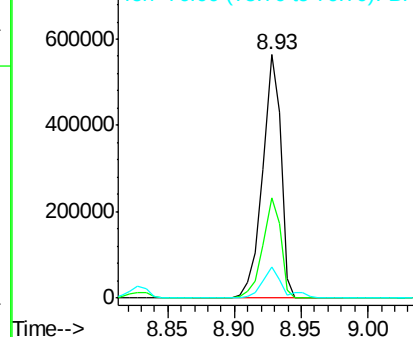


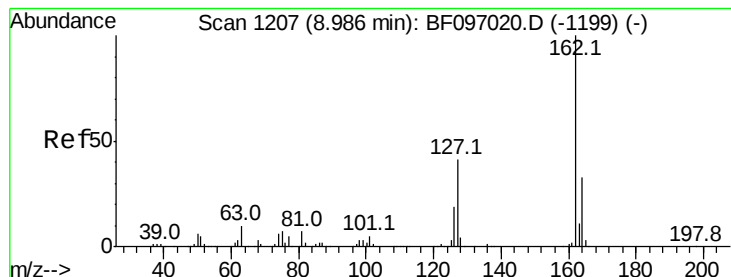
#45  
 1,1'-Biphenyl  
 Concen: 32.835 ng  
 RT: 8.93 min Scan# 1197  
 Delta R.T. -0.04 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 525967 |       |       |
| 153     | 41.2  |        | 21.2  | 61.2  |
| 76      | 13.0  |        | 0.0   | 29.9  |



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





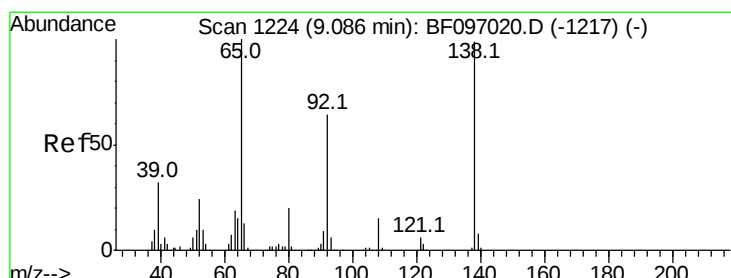
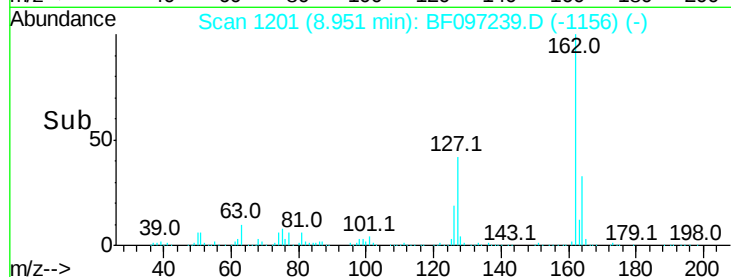
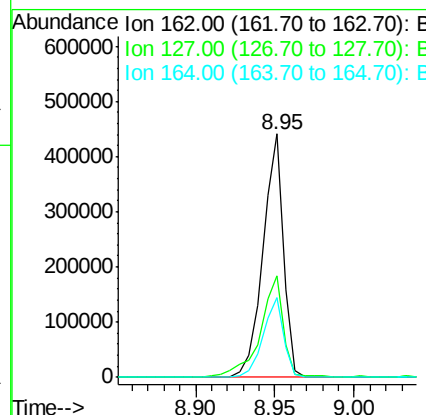
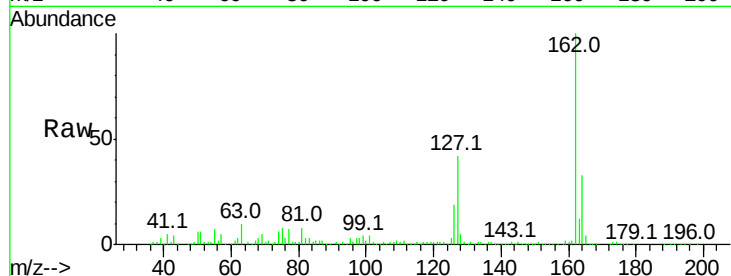
#46  
 2-Chloronaphthalene  
 Concen: 33.904 ng  
 RT: 8.95 min Scan# 1201  
 Delta R.T. -0.04 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 399647 |       |       |
| 127     | 41.9  | 28.3   | 42.5  |       |
| 164     | 32.8  | 27.0   | 40.4  |       |

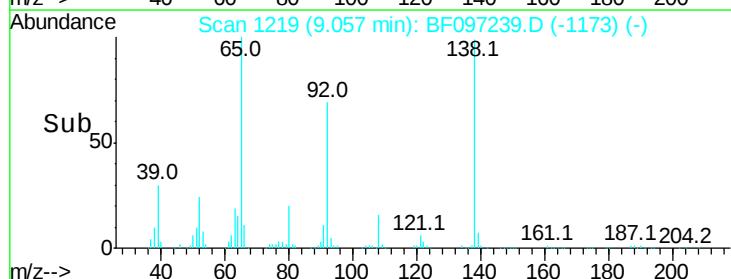
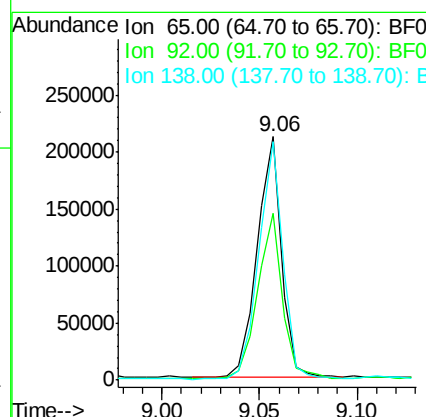
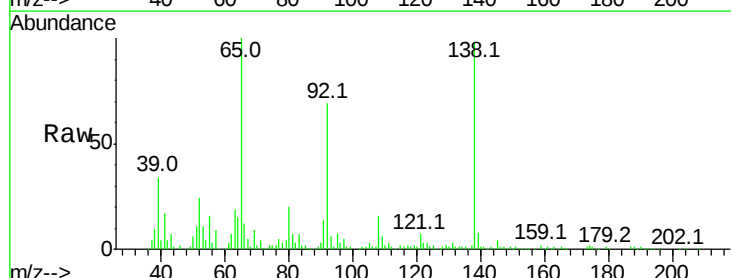
Manual Integrations  
 APPROVED

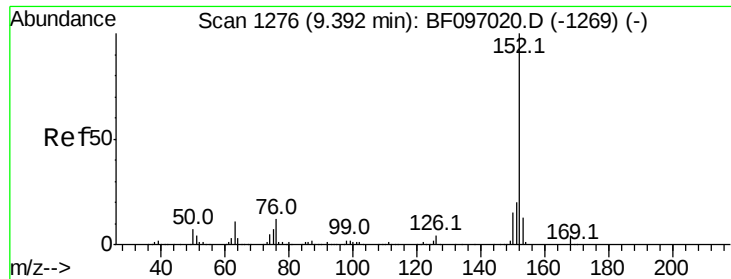
Sohil  
 8/2/2017 7:15:21 PM



#47  
 2-Nitroaniline  
 Concen: 42.855 ng  
 RT: 9.06 min Scan# 1219  
 Delta R.T. -0.03 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 183331 |       |       |
| 92      | 68.6  | 53.9   | 80.9  |       |
| 138     | 98.0  | 78.8   | 118.2 |       |





#48

Acenaphthylene

Concen: 35.342 ng

RT: 9.36 min Scan# 1270

Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

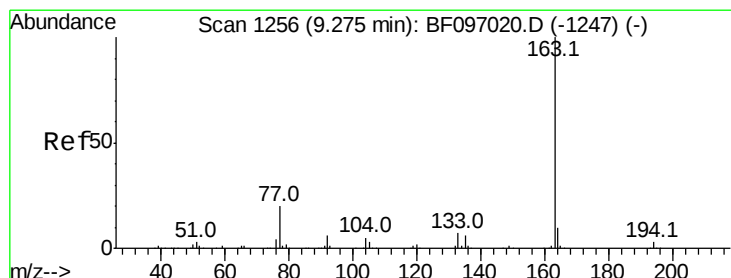
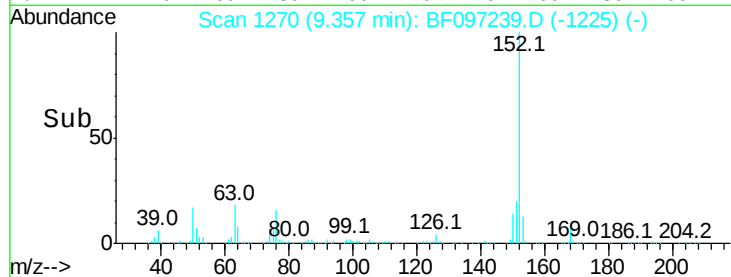
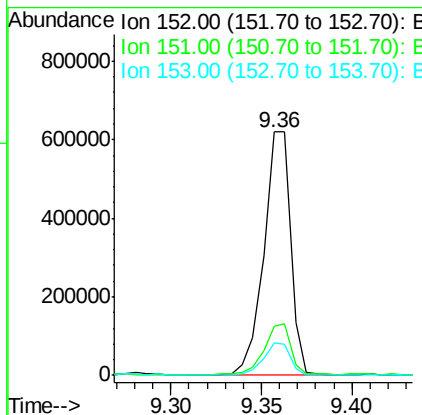
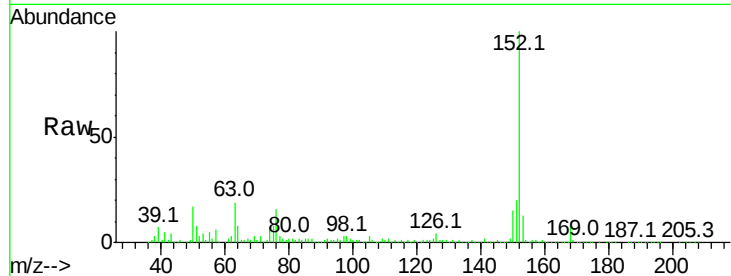
ClientSampleId :

E2-L6-NSW-DUPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 639454 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.3  | 16.8  | 25.2   |
| 153       | 13.5  | 10.8  | 16.2   |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



#49

Dimethylphthalate

Concen: 53.755 ng

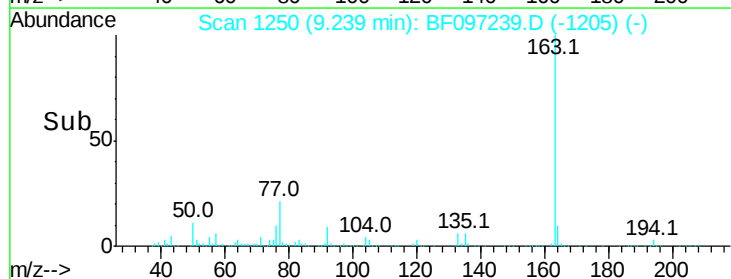
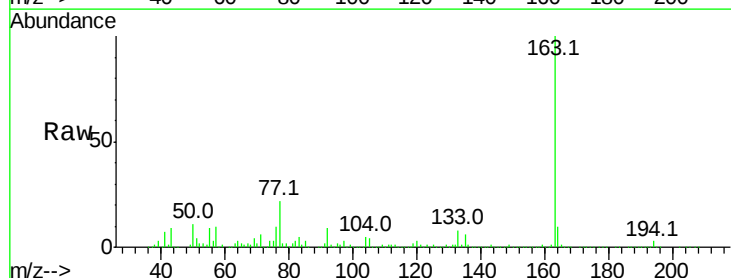
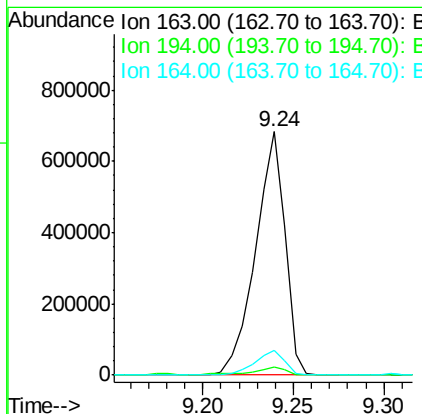
RT: 9.24 min Scan# 1250

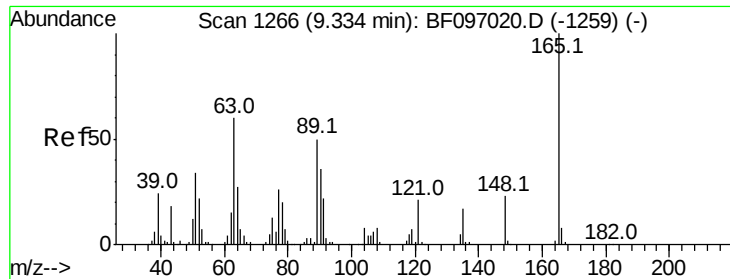
Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 765543 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.4   | 2.6   | 4.0    |
| 164       | 10.3  | 8.4   | 12.6   |





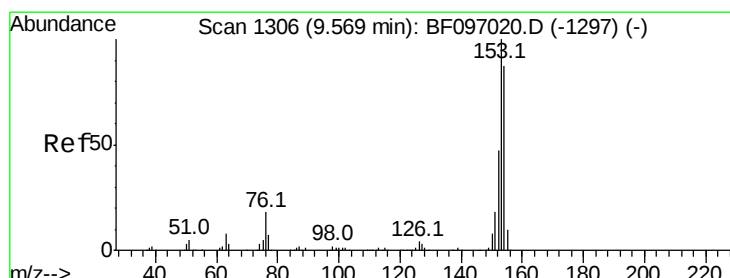
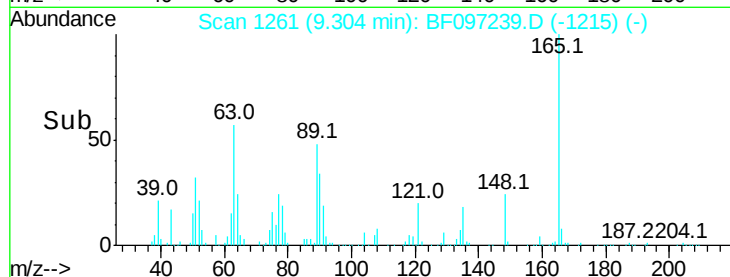
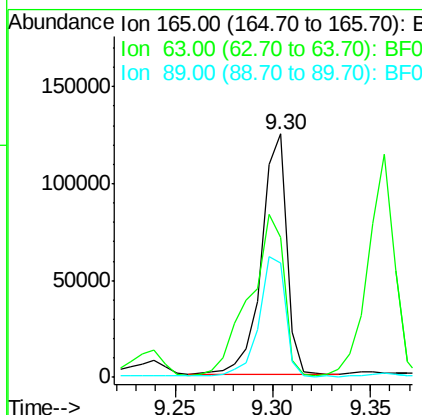
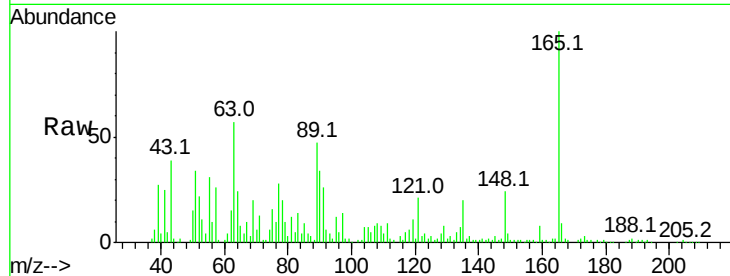
#50  
 2,6-Dinitrotoluene  
 Concen: 36.980 ng  
 RT: 9.30 min Scan# 1261  
 Delta R.T. -0.03 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 57.4  | 34.3 | 51.5# |       |
| 89      | 47.2  | 37.1 | 55.7  |       |

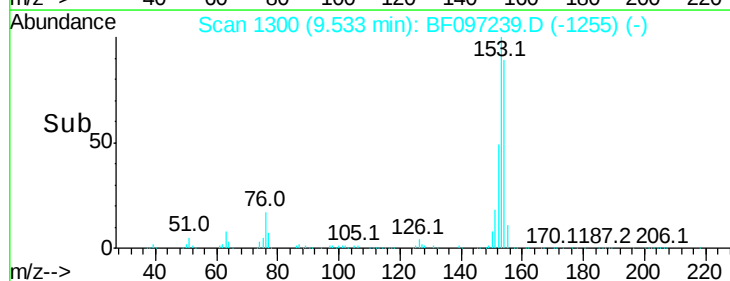
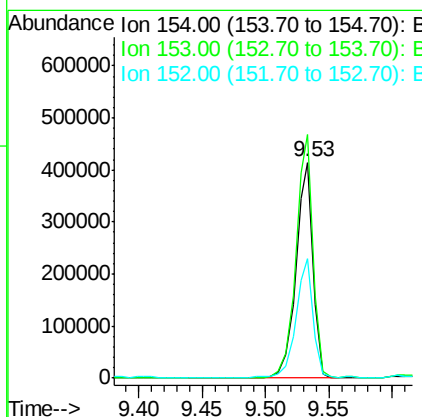
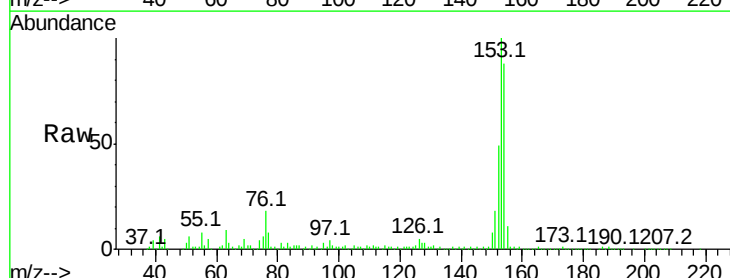
Manual Integrations  
 APPROVED

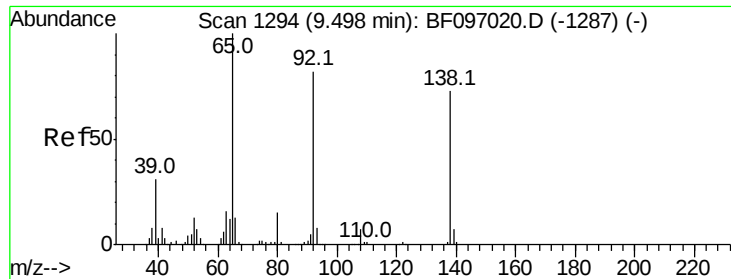
Sohil  
 8/2/2017 7:15:21 PM



#51  
 Acenaphthene  
 Concen: 36.830 ng  
 RT: 9.53 min Scan# 1300  
 Delta R.T. -0.04 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 113.0 | 90.5 | 135.7 |       |
| 152     | 55.3  | 43.6 | 65.4  |       |





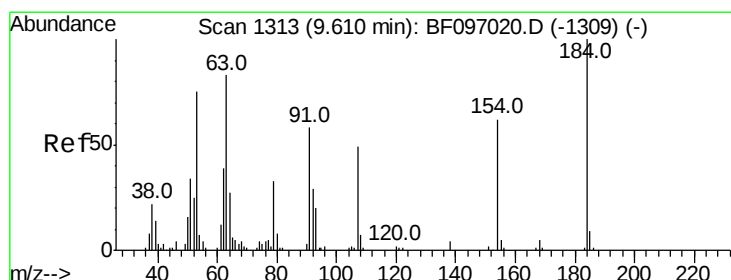
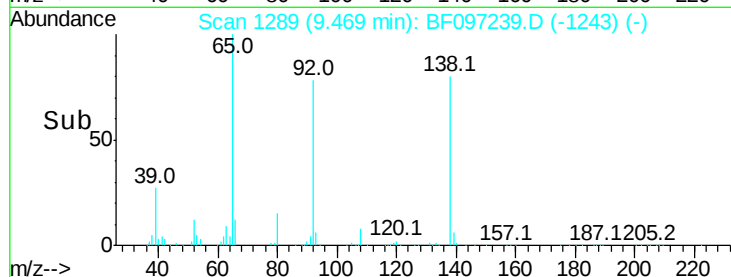
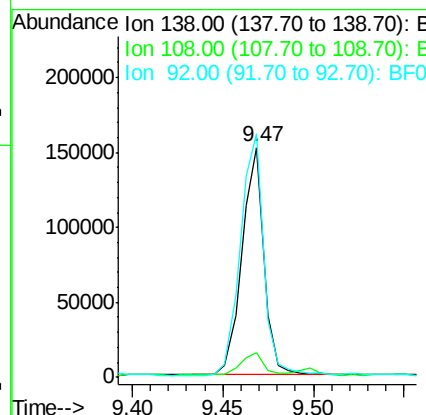
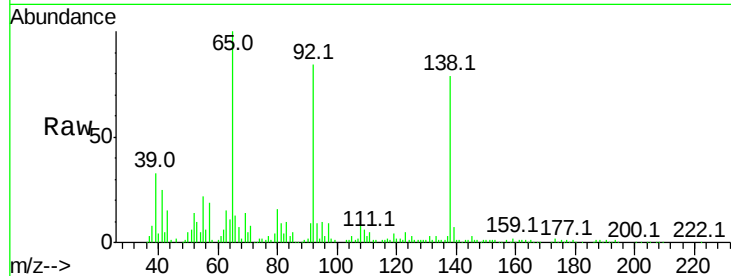
#52  
3-Nitroaniline  
Concen: 34.337 ng  
RT: 9.47 min Scan# 1289  
Delta R.T. -0.03 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.8  | 9.1   | 13.7  |
| 92      | 105.8 | 93.8  | 140.6 |

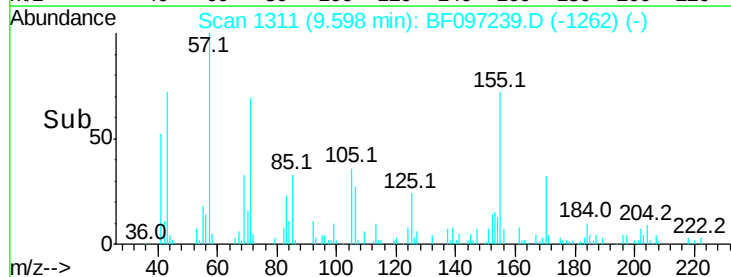
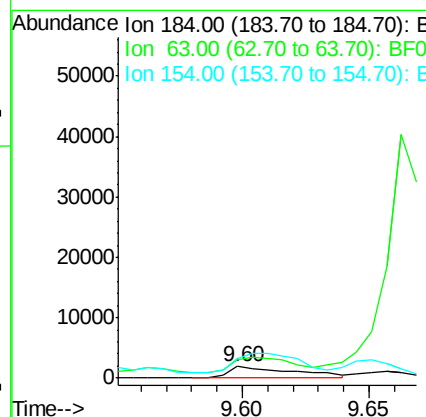
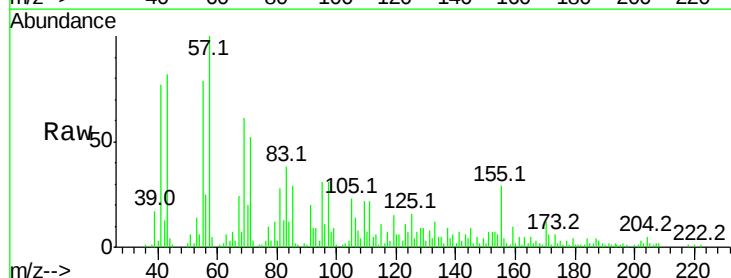
Manual Integrations  
APPROVED

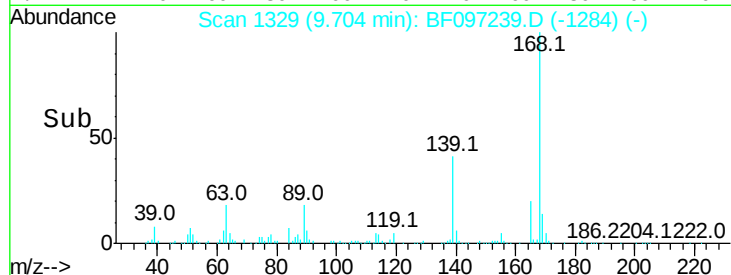
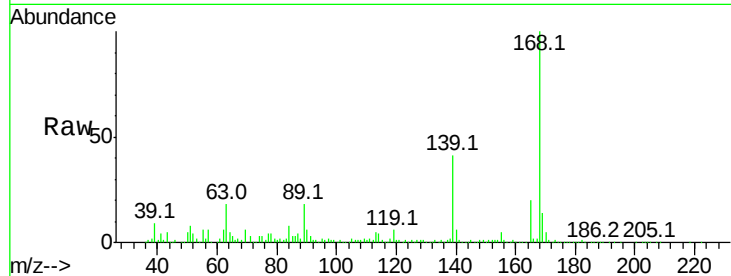
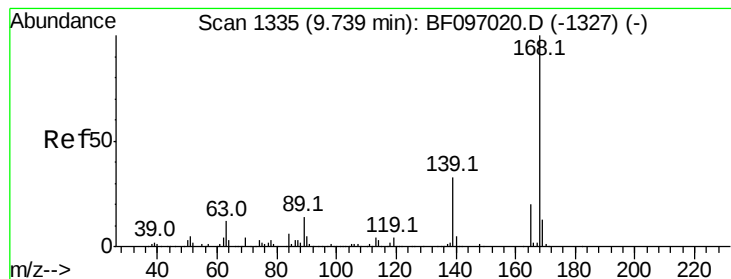
Sohil  
8/2/2017 7:15:21 PM



#53  
2,4-Dinitrophenol  
Concen: 2.648 ng  
RT: 9.60 min Scan# 1311  
Delta R.T. -0.01 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 149.5 | 62.7  | 94.1#  |
| 154     | 160.7 | 81.1  | 121.7# |





#54

Dibenzofuran

Concen: 37.471 ng

RT: 9.70 min Scan# 1329

Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

| Tot Ion   | 168   | Resp  | 531923 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 41.2  | 30.6  | 45.8   |
| 169       | 14.1  | 10.8  | 16.2   |

Instrument :

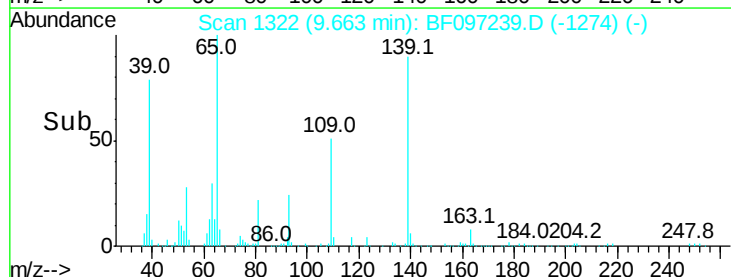
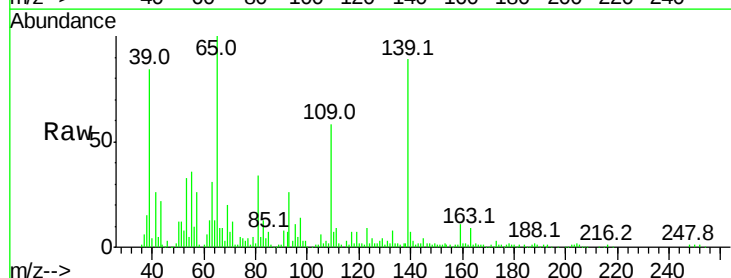
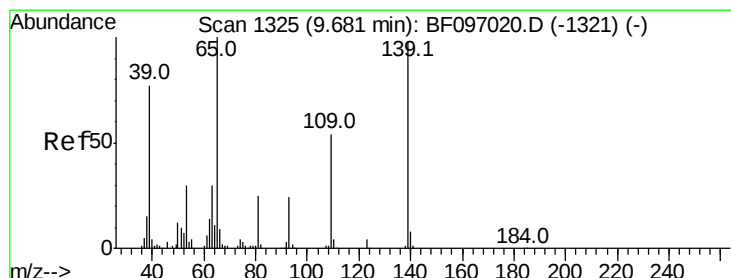
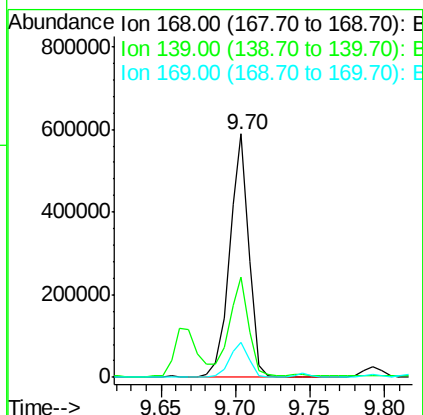
BNA\_F

ClientSampleId :

E2-L6-NSW-DUPMS

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



#55

4-Nitrophenol

Concen: 55.522 ng

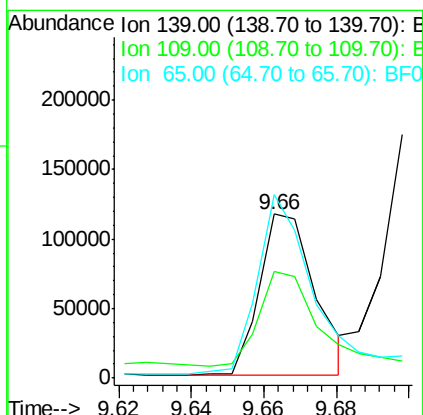
RT: 9.66 min Scan# 1322

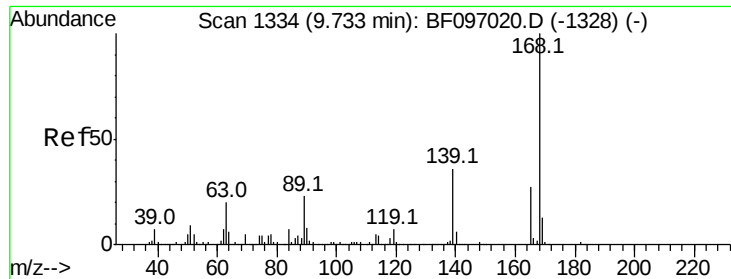
Delta R.T. -0.02 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

| Tgt Ion   | 139   | Resp  | 123791 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 64.9  | 34.1  | 74.1   |
| 65        | 111.9 | 31.4  | 71.4#  |





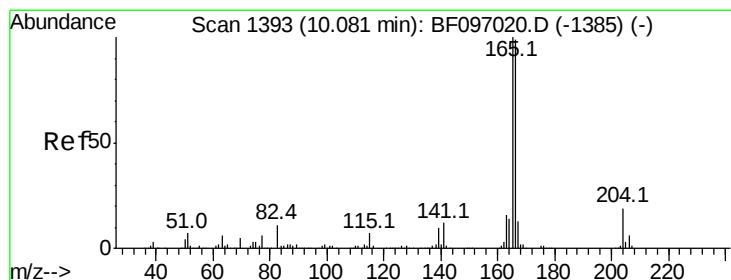
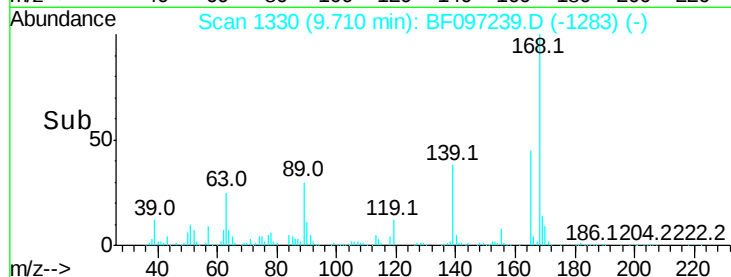
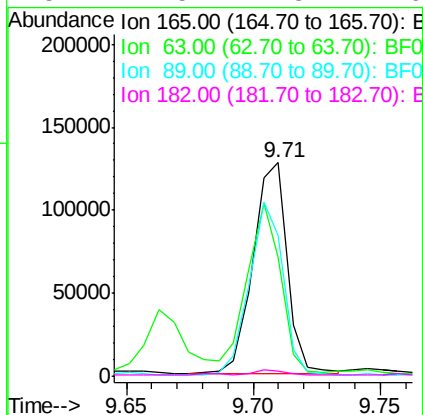
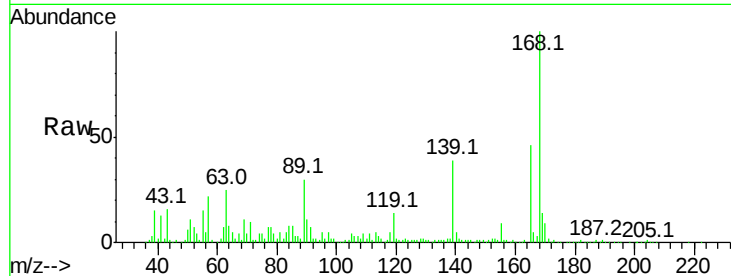
#56  
 2,4-Dinitrotoluene  
 Concen: 34.448 ng  
 RT: 9.71 min Scan# 1330  
 Delta R.T. -0.02 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 55.7  | 25.4       | 38.0#      |
| 89      | 66.2  | 46.4       | 69.6       |
| 182     | 2.5   | 1.8        | 2.6        |

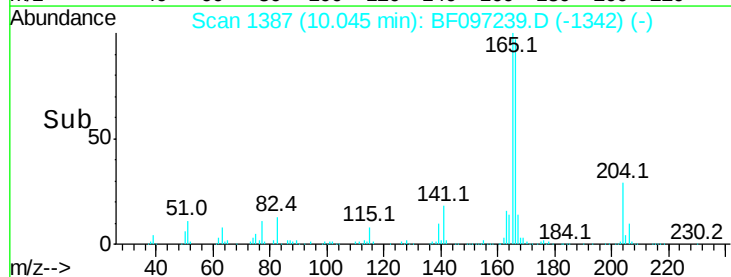
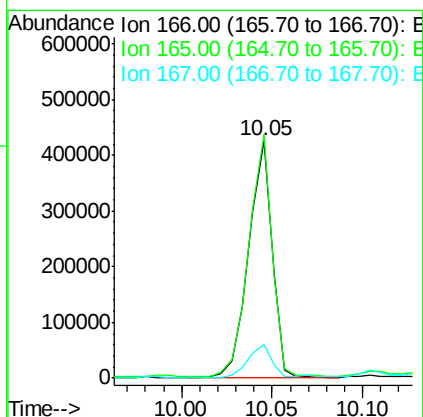
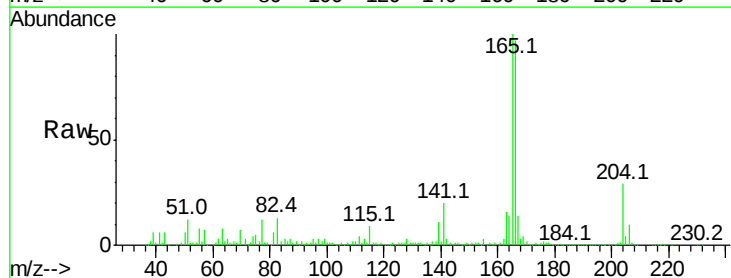
Manual Integrations  
 APPROVED

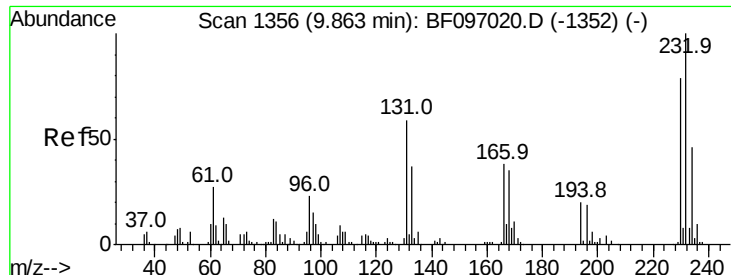
Sohil  
 8/2/2017 7:15:21 PM



#57  
 Fluorene  
 Concen: 36.112 ng  
 RT: 10.05 min Scan# 1387  
 Delta R.T. -0.03 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 166     | 100   |            |            |
| 165     | 102.6 | 78.8       | 118.2      |
| 167     | 14.2  | 10.6       | 16.0       |





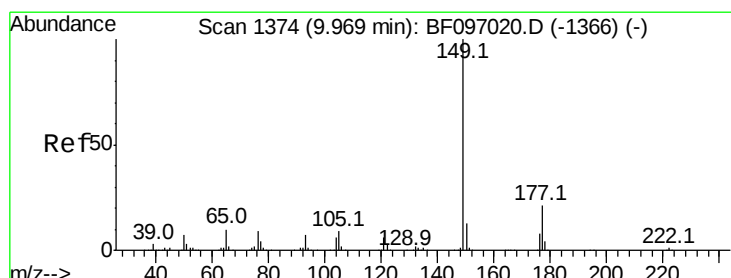
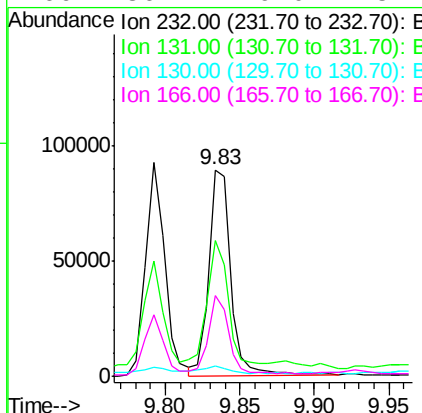
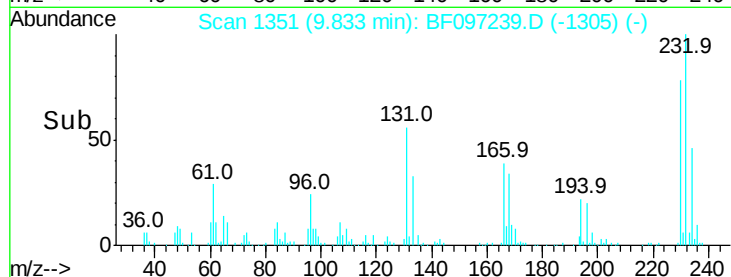
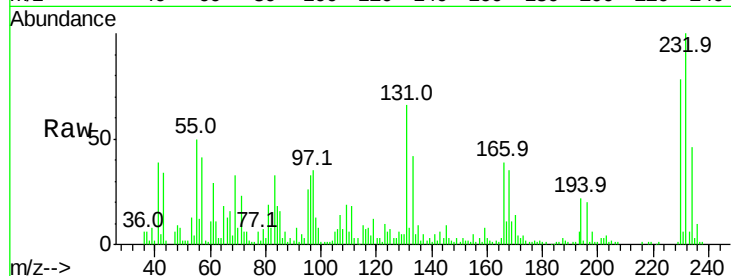
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 35.759 ng  
 RT: 9.83 min Scan# 1351  
 Delta R.T. -0.03 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 61.6  | 44.8  | 67.2  |
| 130     | 3.9   | 2.3   | 3.5#  |
| 166     | 36.1  | 29.0  | 43.4  |

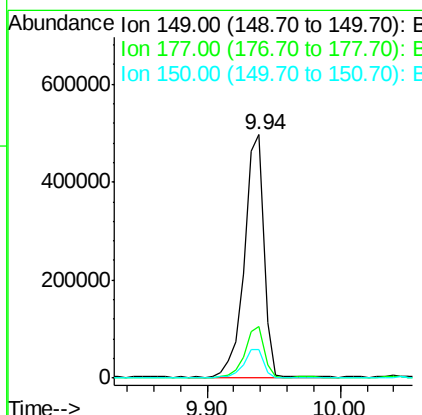
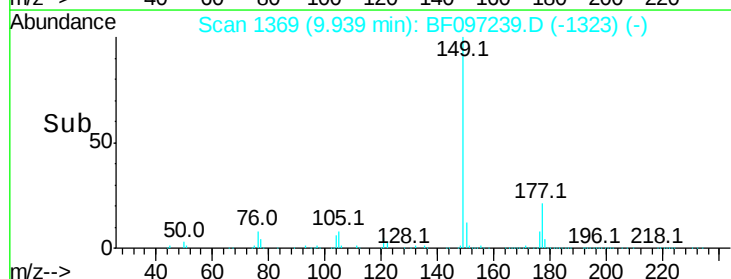
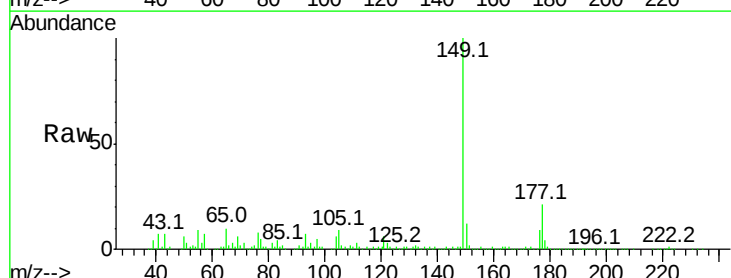
Manual Integrations  
 APPROVED

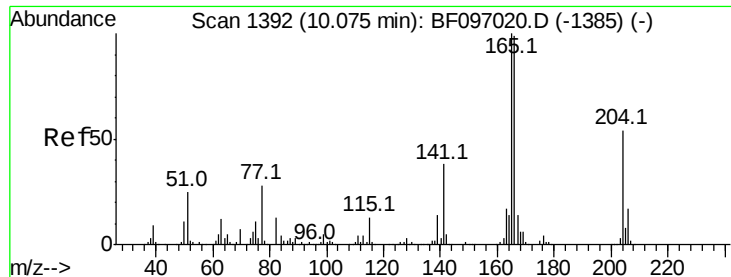
Sohil  
 8/2/2017 7:15:21 PM



#59  
 Diethylphthalate  
 Concen: 37.874 ng  
 RT: 9.94 min Scan# 1369  
 Delta R.T. -0.03 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.9  | 16.7  | 25.1  |
| 150     | 11.9  | 10.2  | 15.2  |





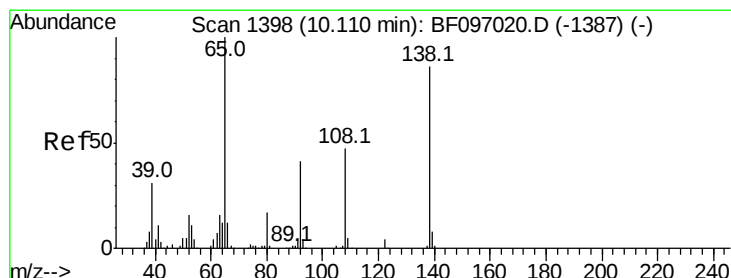
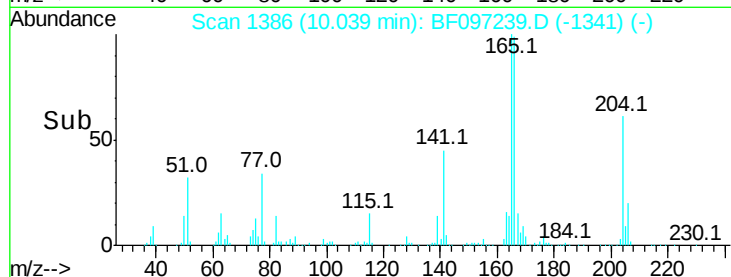
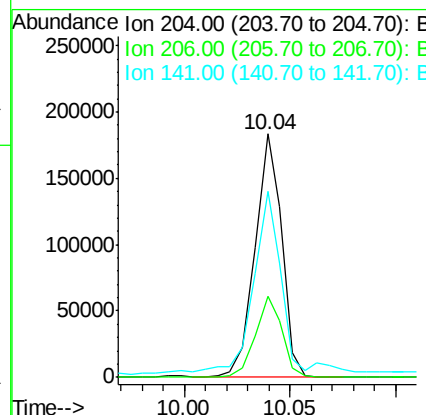
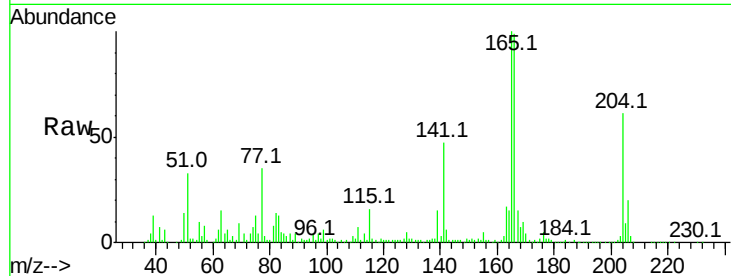
#60  
4-Chlorophenyl-phenylether  
Concen: 36.812 ng  
RT: 10.04 min Scan# 1386  
Delta R.T. -0.03 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 26.2  | 39.2  |
| 141     | 76.5  | 60.8  | 91.2  |

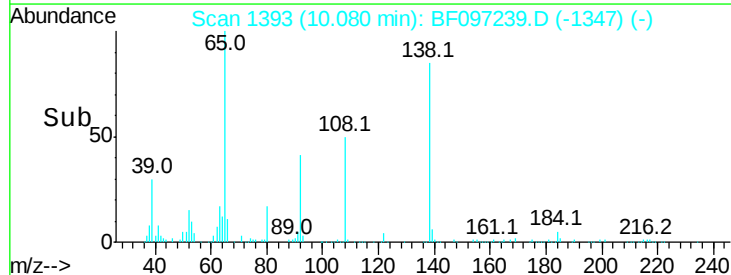
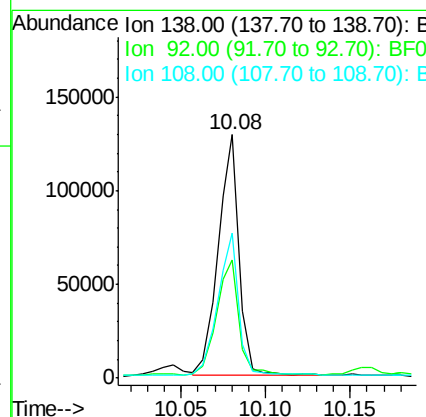
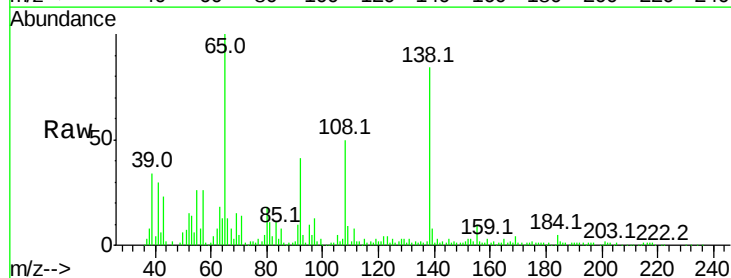
Manual Integrations  
APPROVED

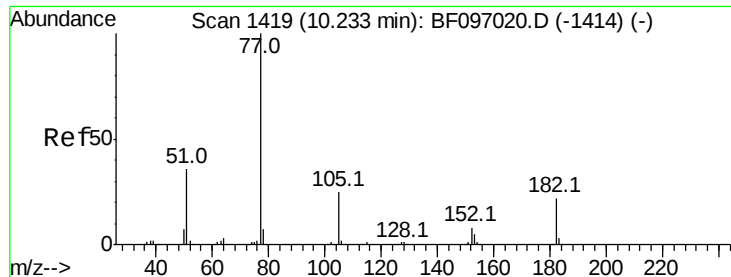
Sohil  
8/2/2017 7:15:21 PM



#61  
4-Nitroaniline  
Concen: 31.340 ng  
RT: 10.08 min Scan# 1393  
Delta R.T. -0.03 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.8  | 21.8  | 61.8  |
| 108     | 59.6  | 42.3  | 82.3  |





#62

Azobenzene

Concen: 34.753 ng

RT: 10.20 min Scan# 1413

Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

ClientSampleId :

E2-L6-NSW-DUPMS

Tot Ion: 77 Resp: 421226

Ion Ratio Lower Upper

77 100

182 23.0 0.1 40.1

105 24.6 3.6 43.6

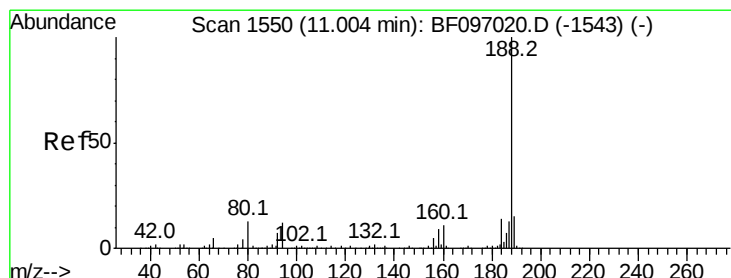
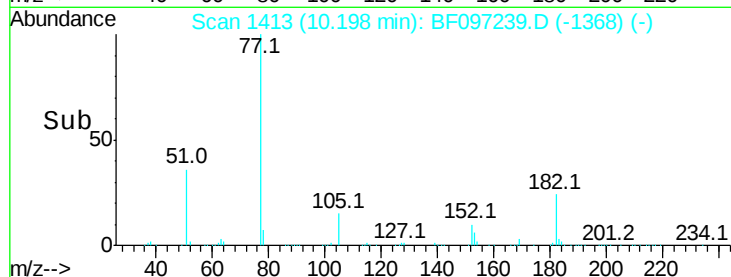
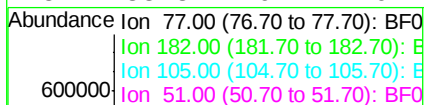
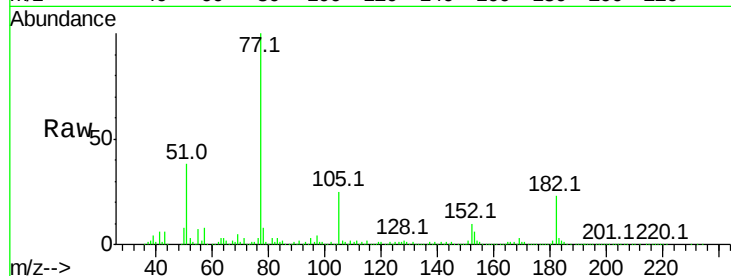
51 38.3 9.4 49.4

Manual Integrations

APPROVED

Sohil

8/2/2017 7:15:21 PM



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.97 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

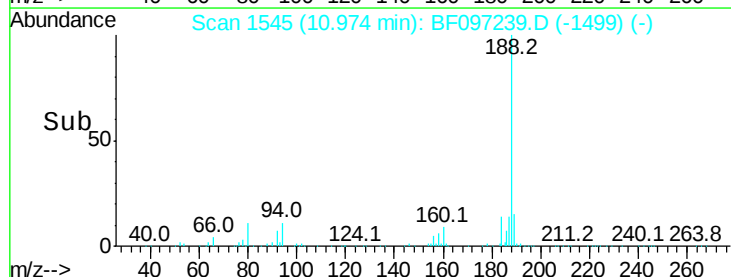
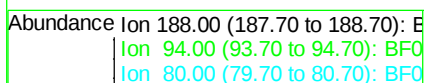
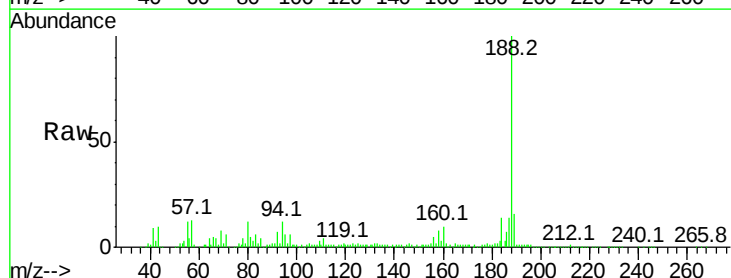
Tgt Ion: 188 Resp: 247621

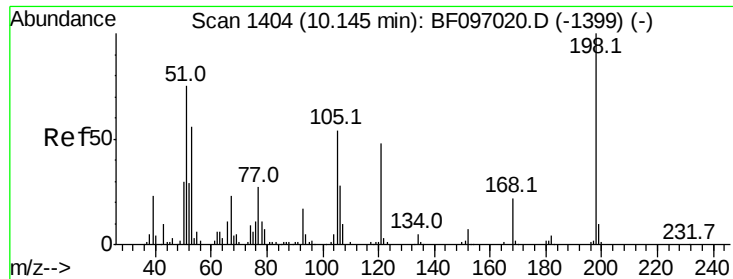
Ion Ratio Lower Upper

188 100

94 12.2 9.4 14.2

80 11.8 10.2 15.2





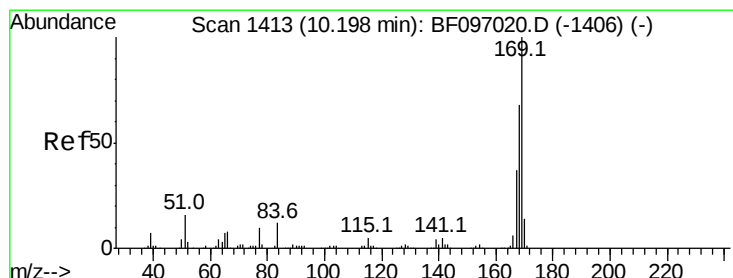
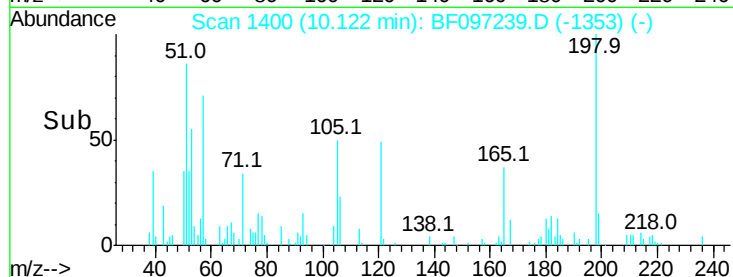
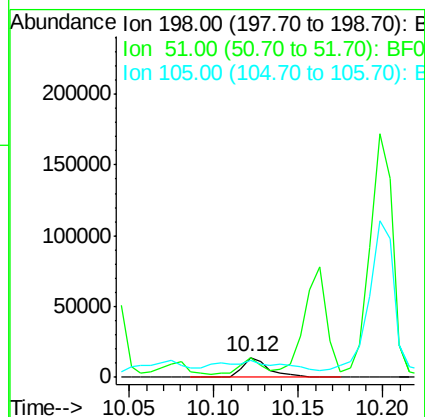
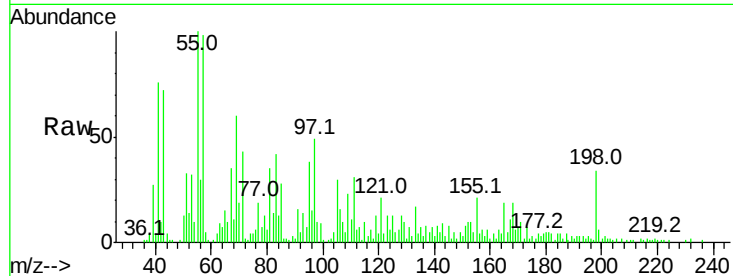
#64  
4,6-Dinitro-2-methylphenol  
Concen: 10.193 ng  
RT: 10.12 min Scan# 1400  
Delta R.T. -0.02 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 15684 |       |       |
| 51      | 94.8  | 53.2  | 93.2# |       |
| 105     | 86.1  | 45.8  | 85.8# |       |

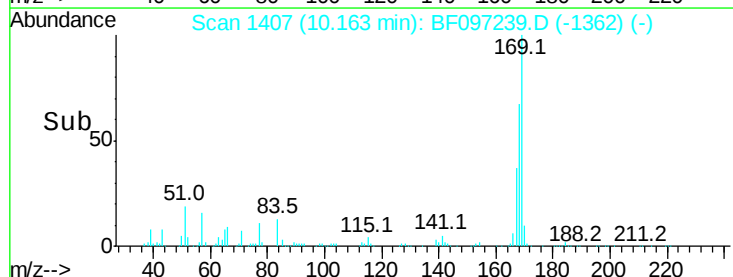
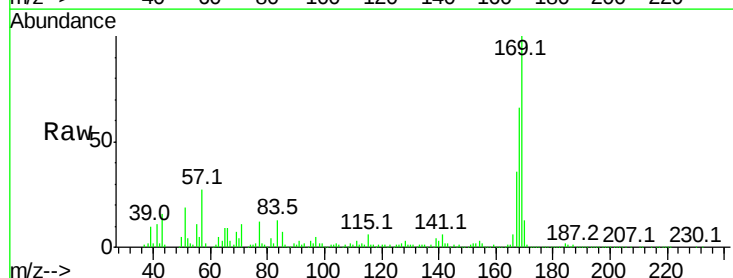
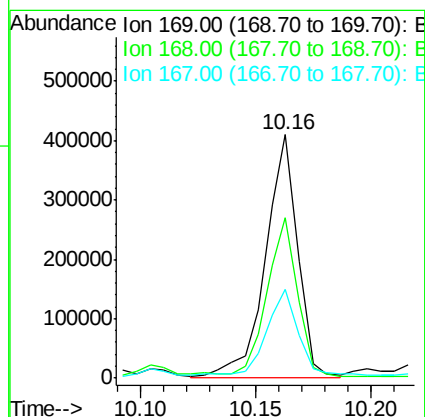
Manual Integrations  
APPROVED

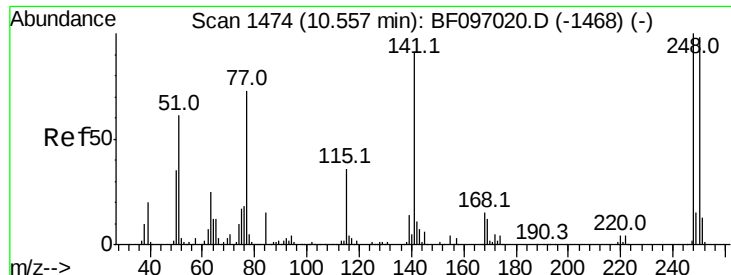
Sohil  
8/2/2017 7:15:21 PM



#65  
n-Nitrosodiphenylamine  
Concen: 45.774 ng  
RT: 10.16 min Scan# 1407  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 394380 |       |       |
| 168     | 66.0  | 53.2   | 79.8  |       |
| 167     | 36.4  | 29.5   | 44.3  |       |





#66

4-Bromophenyl-phenylether

Concen: 39.206 ng

RT: 10.53 min Scan# 1469

Delta R.T. -0.03 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

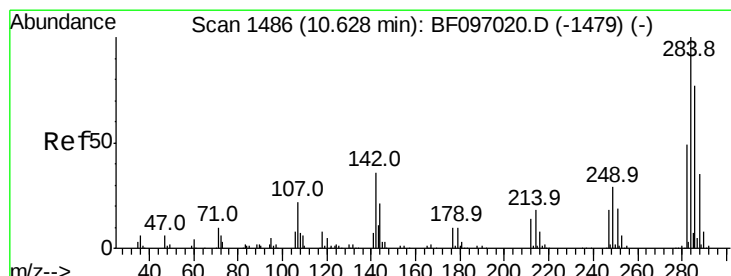
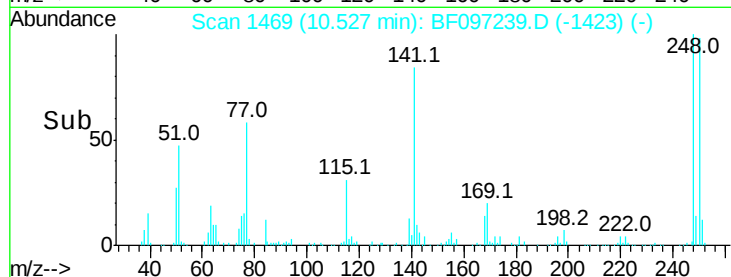
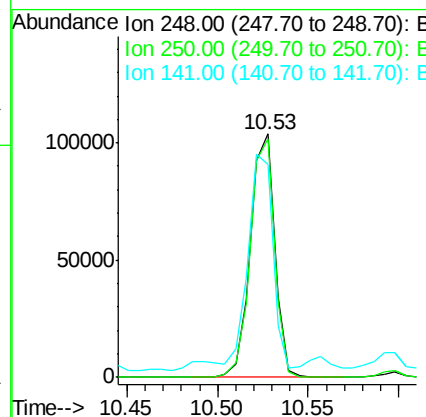
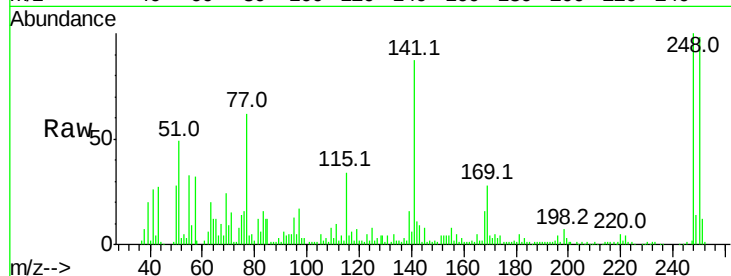
ClientSampleId :

E2-L6-NSW-DUPMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 248   | Resp: | 96885 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 98.1  | 76.8  | 115.2 |
| 141       | 87.4  | 68.6  | 103.0 |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



#67

Hexachlorobenzene

Concen: 34.623 ng

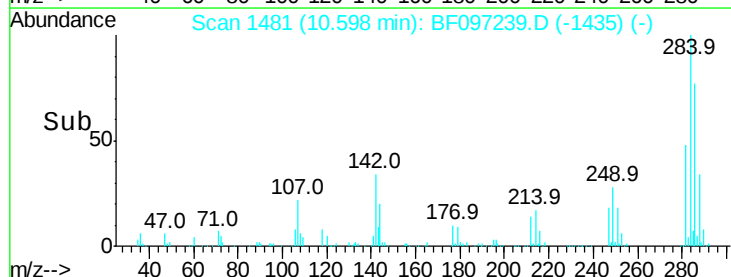
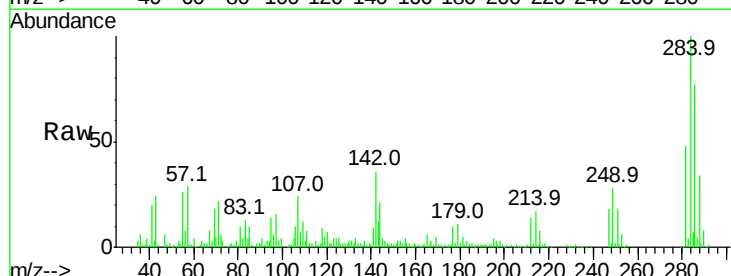
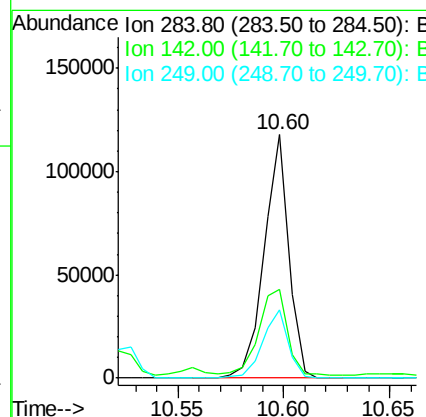
RT: 10.60 min Scan# 1481

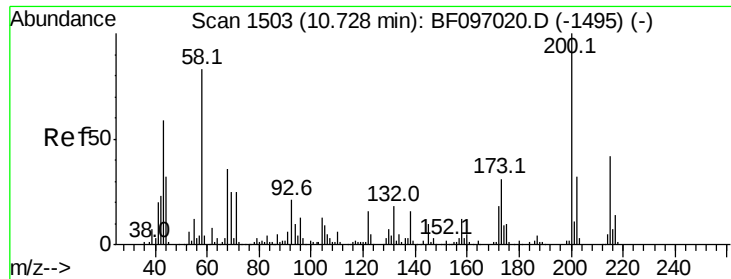
Delta R.T. -0.03 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 95947 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 36.2  | 22.8  | 34.2# |
| 249       | 28.0  | 24.0  | 36.0  |





#68

Atrazine

Concen: 40.590 ng

RT: 10.70 min Scan# 1498

Delta R.T. -0.03 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

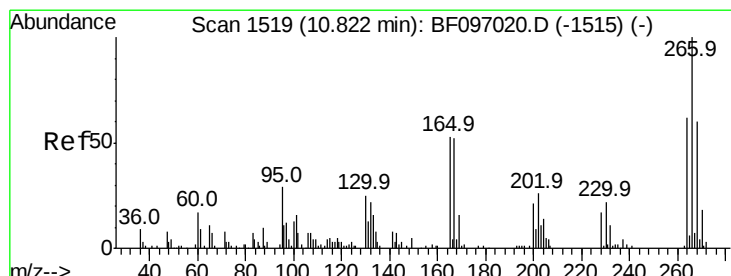
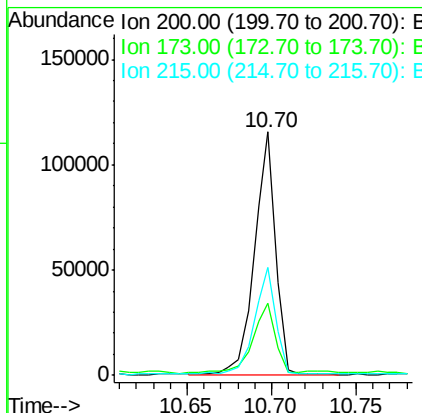
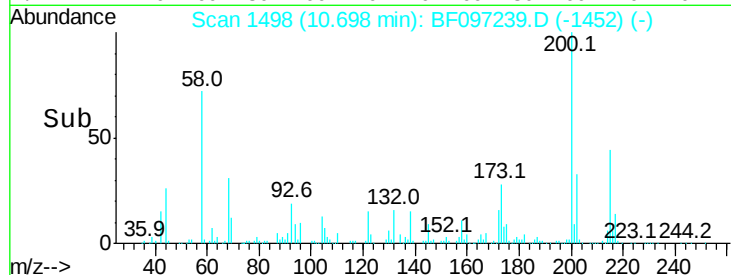
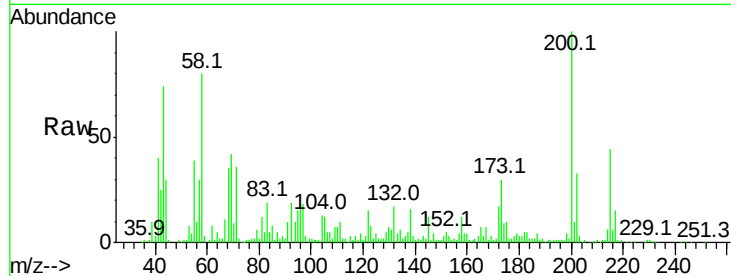
ClientSampleId :

E2-L6-NSW-DUPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 200   | Resp: | 100281 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 29.6  | 6.3   | 46.3   |
| 215       | 44.3  | 27.2  | 67.2   |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



#69

Pentachlorophenol

Concen: 63.771 ng

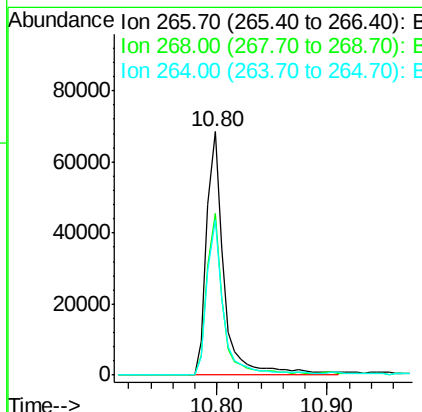
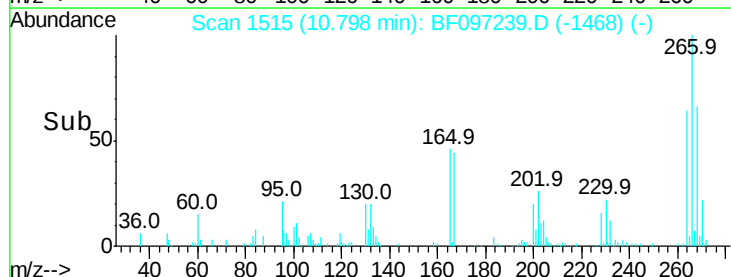
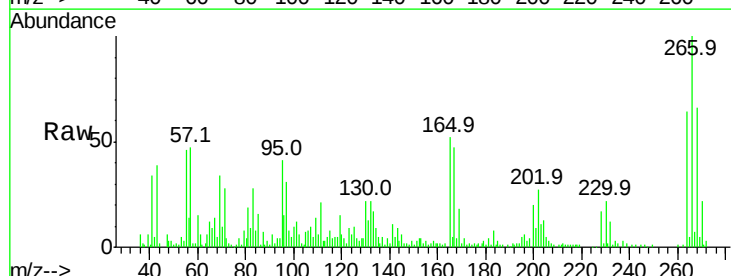
RT: 10.80 min Scan# 1515

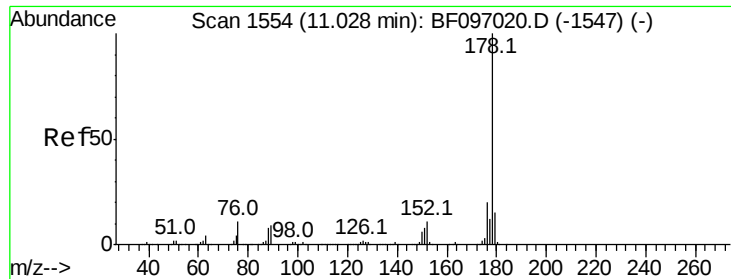
Delta R.T. -0.02 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 73119 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 66.3  | 51.1  | 76.7  |
| 264       | 63.9  | 51.7  | 77.5  |





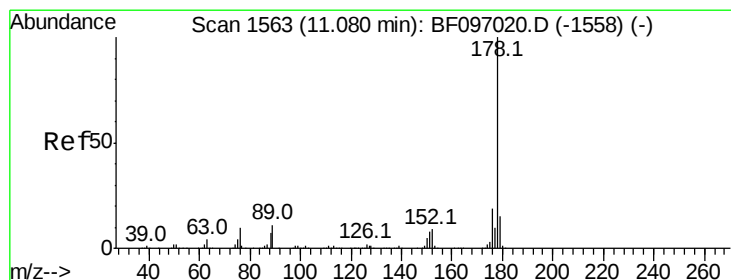
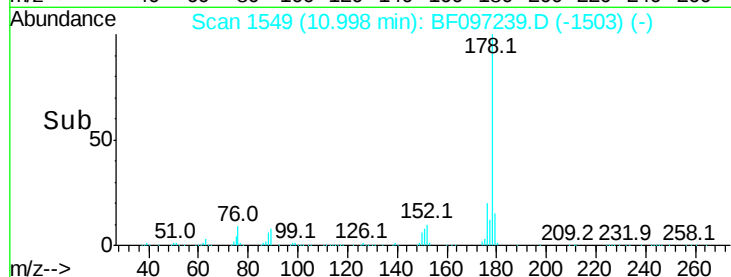
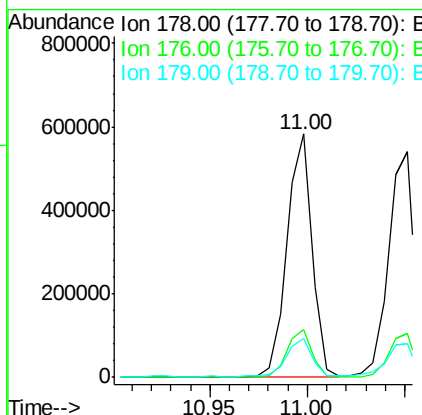
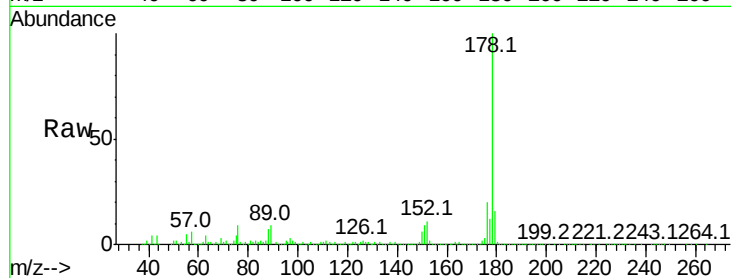
#70  
Phenanthrene  
Concen: 38.947 ng  
RT: 11.00 min Scan# 1549  
Delta R.T. -0.03 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 16.2  | 24.4  |
| 179     | 15.9  | 12.6  | 19.0  |

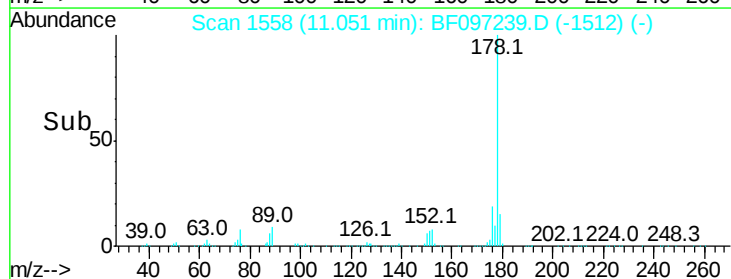
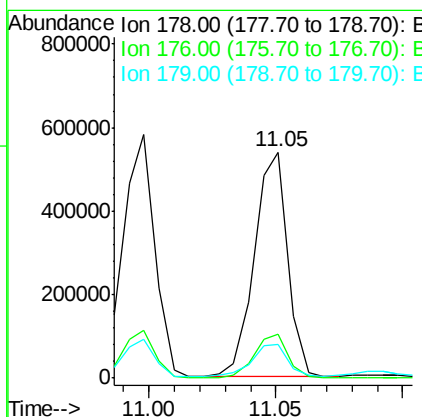
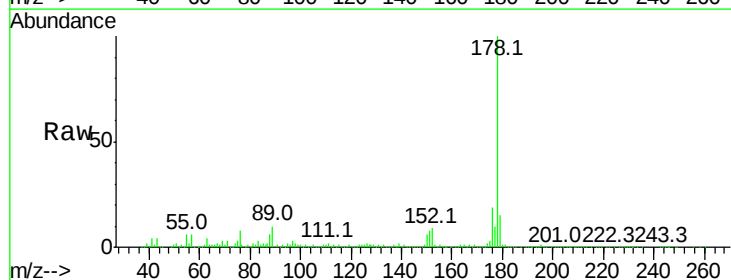
Manual Integrations  
APPROVED

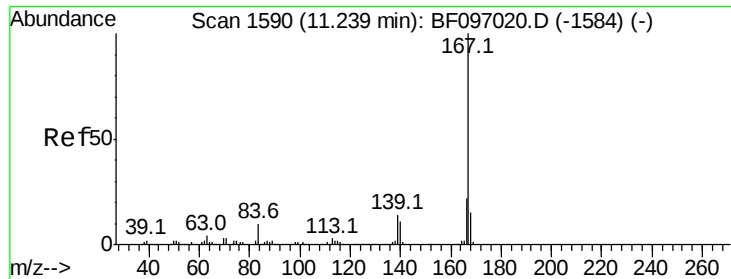
Sohil  
8/2/2017 7:15:21 PM



#71  
Anthracene  
Concen: 36.188 ng  
RT: 11.05 min Scan# 1558  
Delta R.T. -0.03 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.8  | 23.8  |
| 179     | 15.0  | 12.7  | 19.1  |





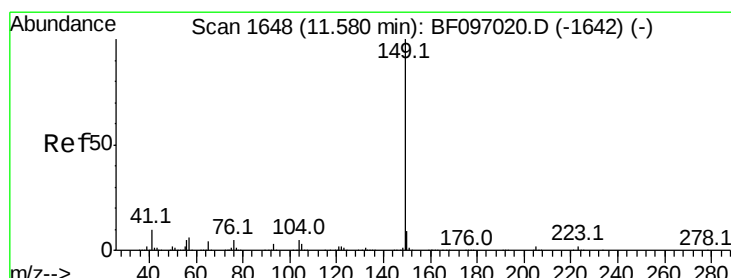
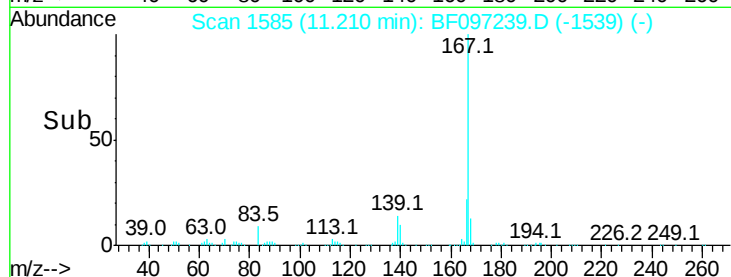
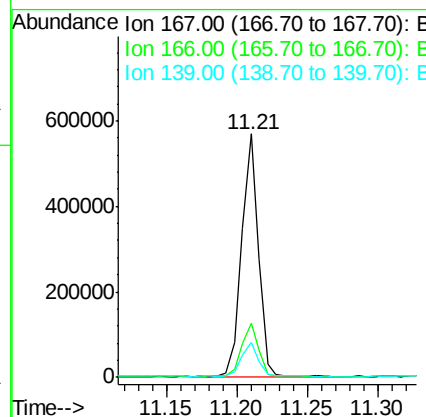
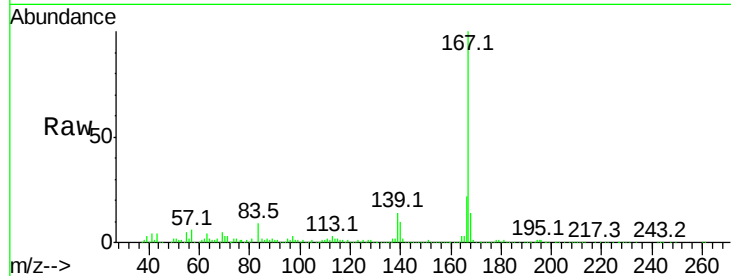
#72  
 Carbazole  
 Concen: 34.893 ng  
 RT: 11.21 min Scan# 1585  
 Delta R.T. -0.03 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 167     | 100   |      |       |       |
| 166     | 22.4  | 18.1 | 27.1  |       |
| 139     | 14.3  | 11.7 | 17.5  |       |

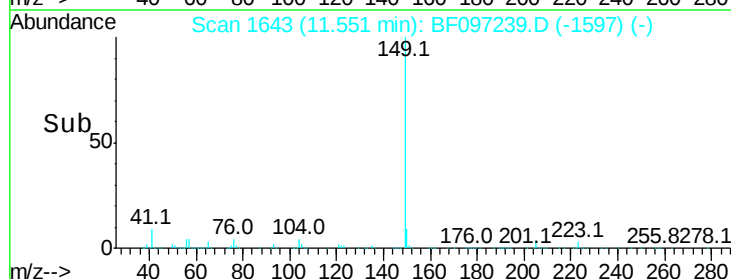
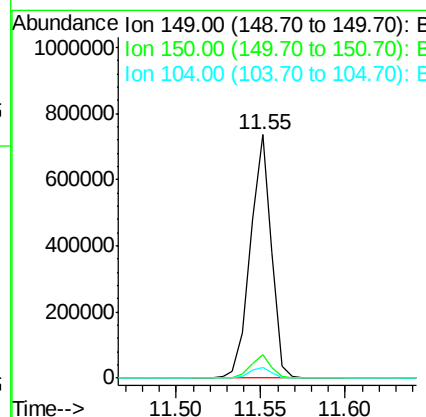
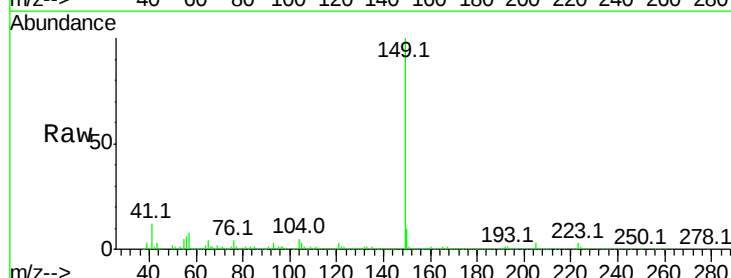
Manual Integrations  
 APPROVED

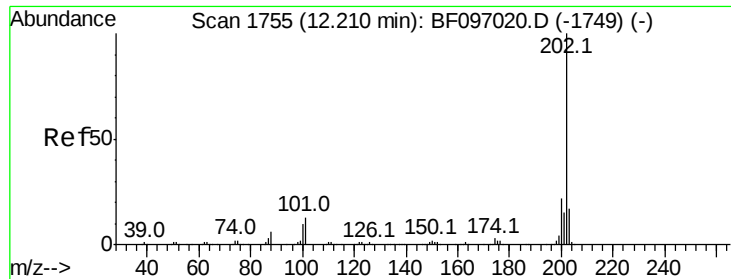
Sohil  
 8/2/2017 7:15:21 PM



#73  
 Di-n-butylphthalate  
 Concen: 38.233 ng  
 RT: 11.55 min Scan# 1643  
 Delta R.T. -0.03 min  
 Lab File: BF097239.D  
 Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 150     | 9.6   | 7.7  | 11.5  |       |
| 104     | 4.6   | 4.0  | 6.0   |       |





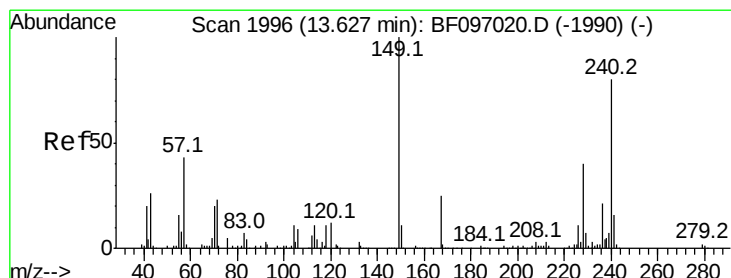
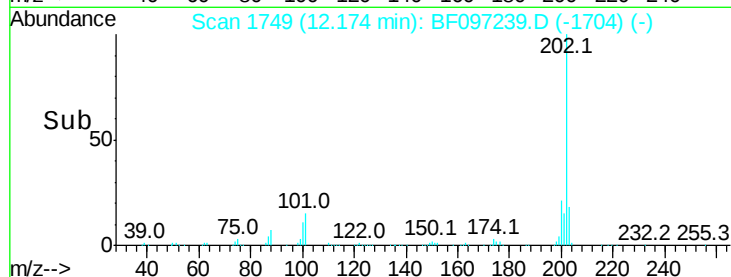
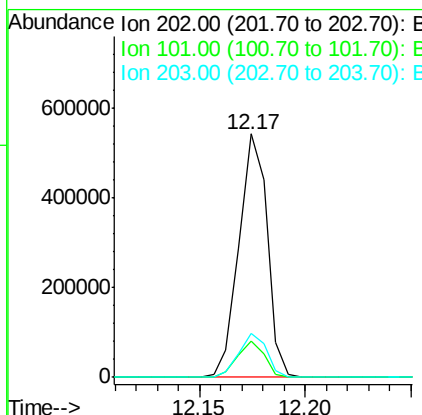
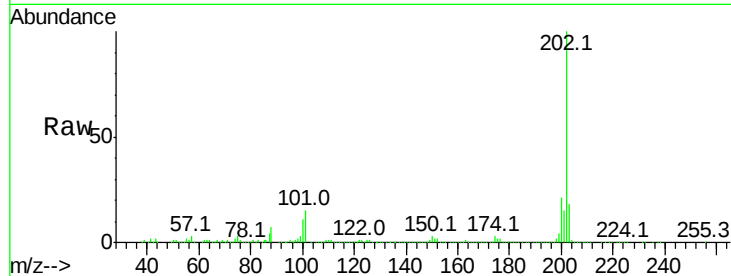
#74  
Fluoranthene  
Concen: 38.505 ng  
RT: 12.17 min Scan# 1749  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 500477 |       |       |
| 101     | 14.9  | 0.0    | 33.2  |       |
| 203     | 17.8  | 0.0    | 38.1  |       |

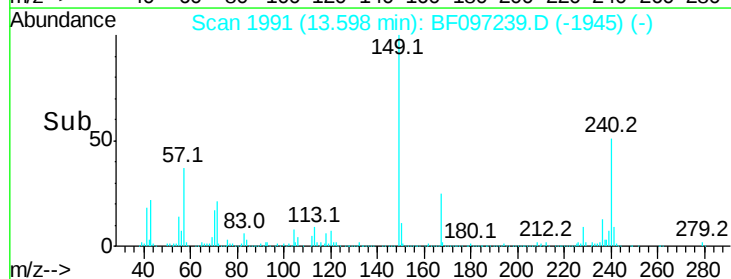
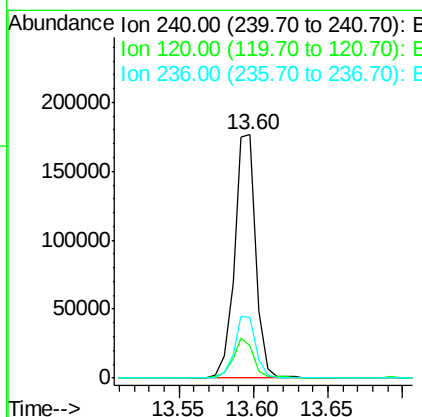
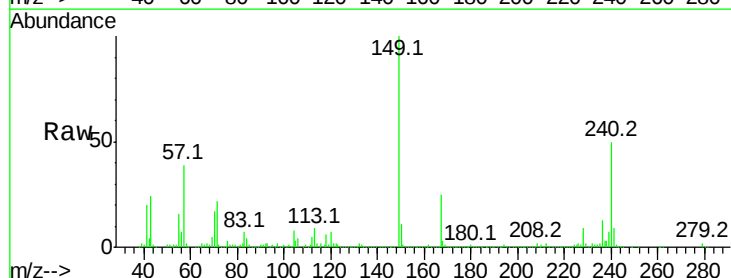
Manual Integrations  
APPROVED

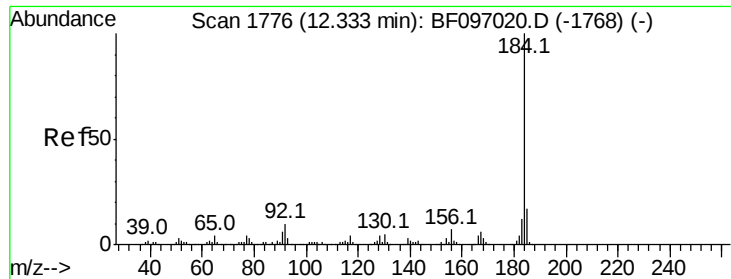
Sohil  
8/2/2017 7:15:21 PM



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.60 min Scan# 1991  
Delta R.T. -0.03 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 176238 |       |       |
| 120     | 13.5  | 5.8    | 8.8#  |       |
| 236     | 25.0  | 20.5   | 30.7  |       |





#76

Benzidine

Concen: 15.790 ng

RT: 12.30 min Scan# 1771

Delta R.T. -0.03 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

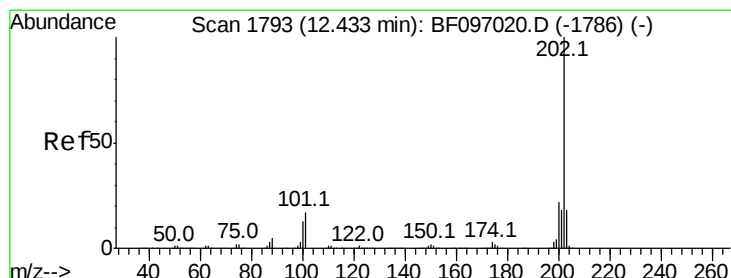
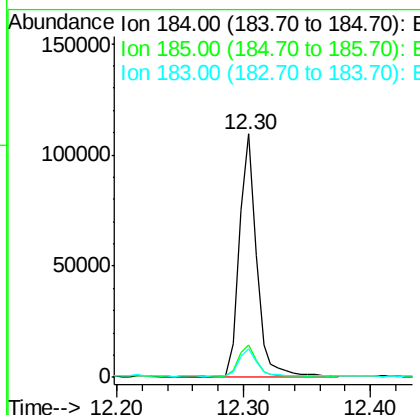
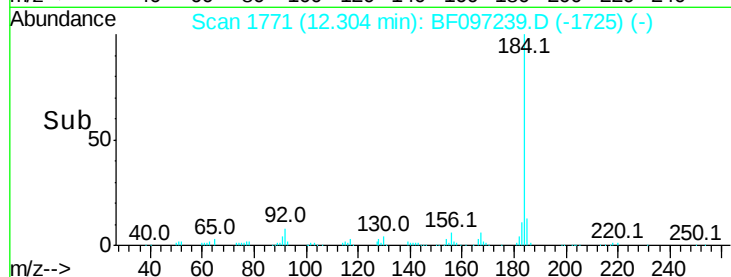
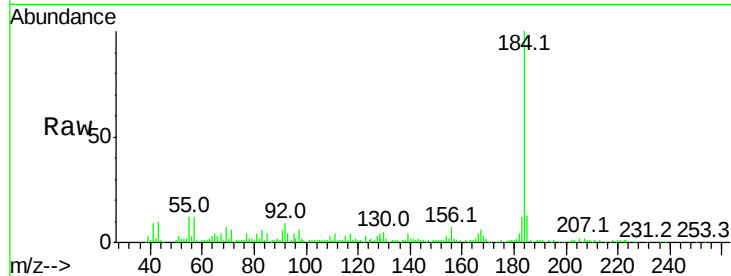
ClientSampleId :

E2-L6-NSW-DUPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 103256 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.2  | 15.5  | 23.3#  |
| 183       | 11.6  | 9.8   | 14.6   |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



#77

Pyrene

Concen: 35.300 ng

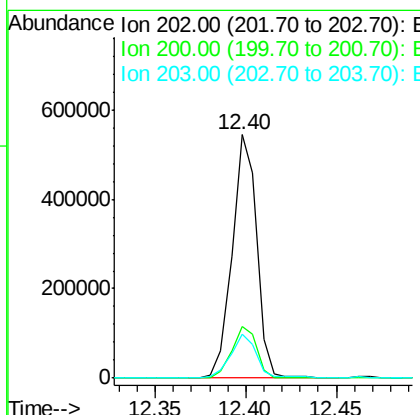
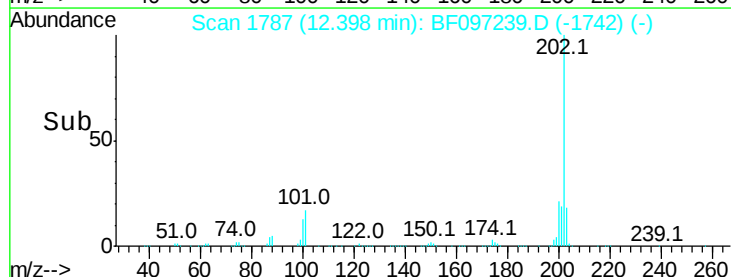
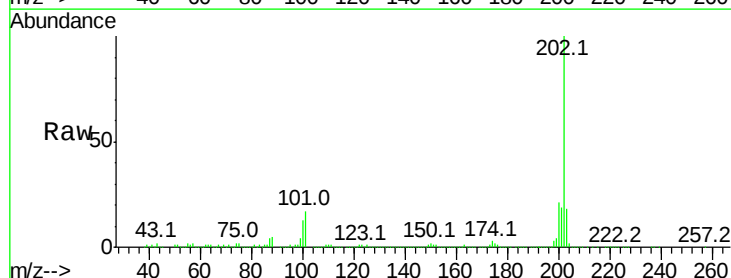
RT: 12.40 min Scan# 1787

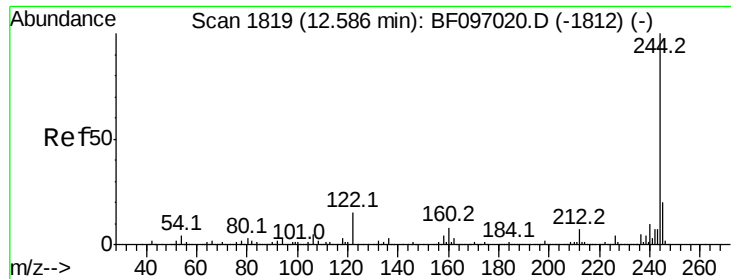
Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 509305 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.2  | 17.6  | 26.4   |
| 203       | 17.9  | 14.4  | 21.6   |





#78

Terphenyl-d14

Concen: 51.688 ng

RT: 12.55 min Scan# 1813

Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

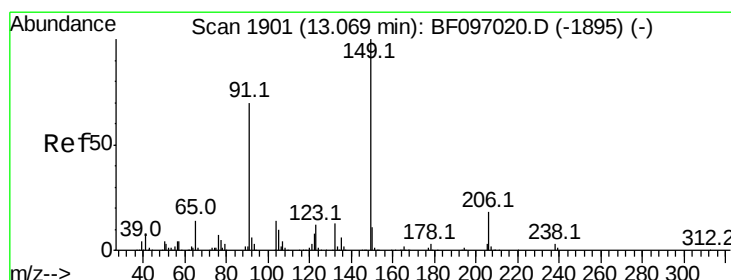
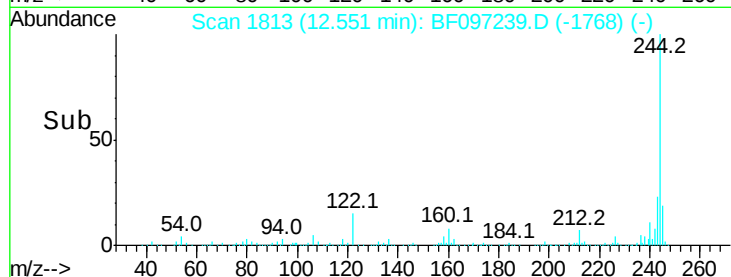
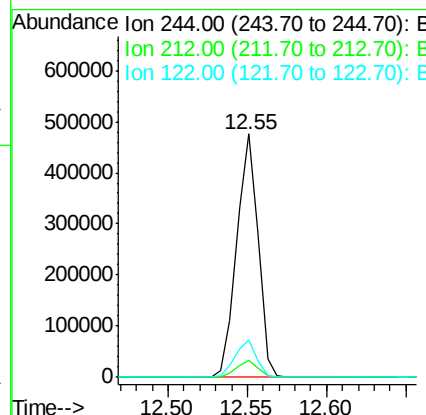
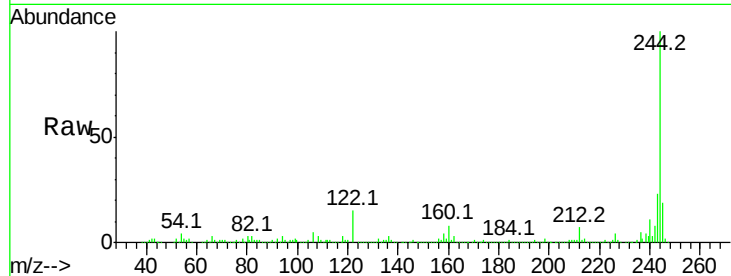
ClientSampleId :

E2-L6-NSW-DUPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 446794 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.0   | 6.0   | 9.0    |
| 122       | 15.2  | 10.3  | 15.5   |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



#79

Butylbenzylphthalate

Concen: 35.758 ng

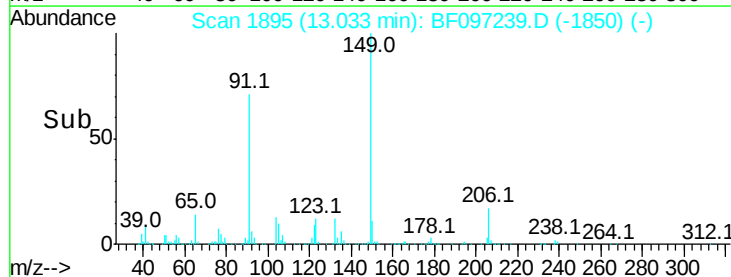
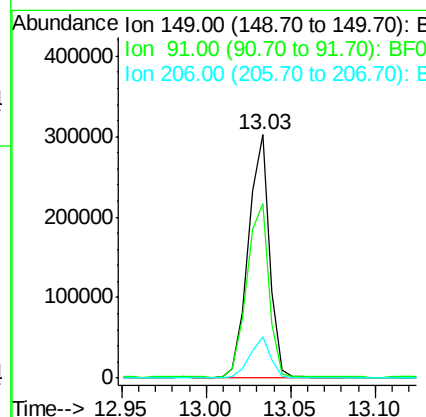
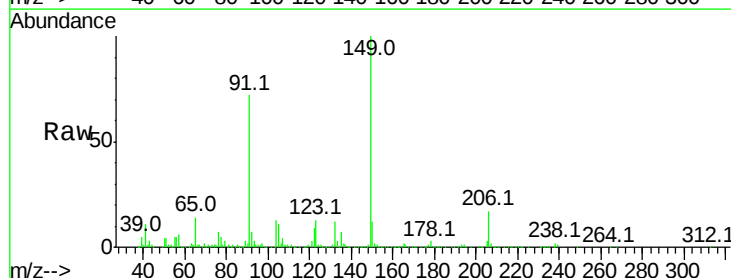
RT: 13.03 min Scan# 1895

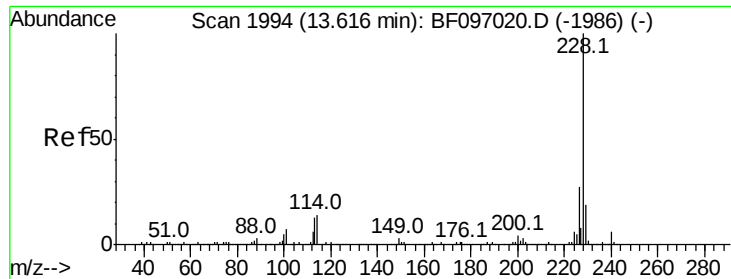
Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 262436 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 71.8  | 45.0  | 67.4#  |
| 206       | 16.9  | 17.0  | 25.6#  |





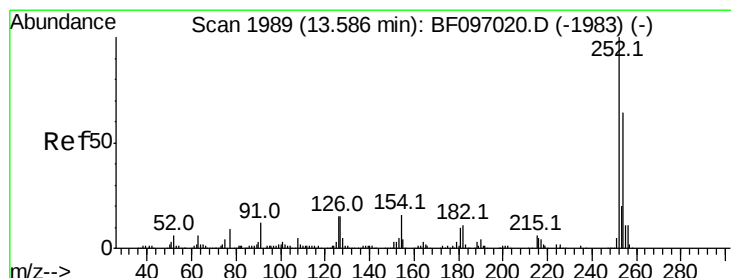
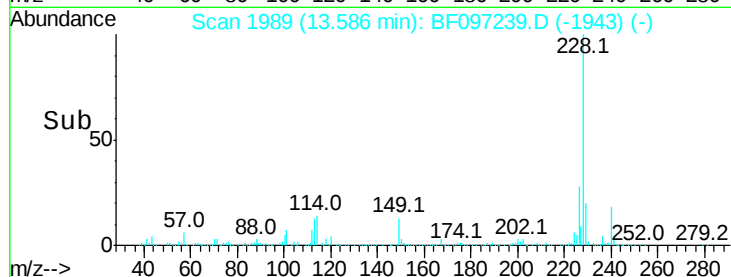
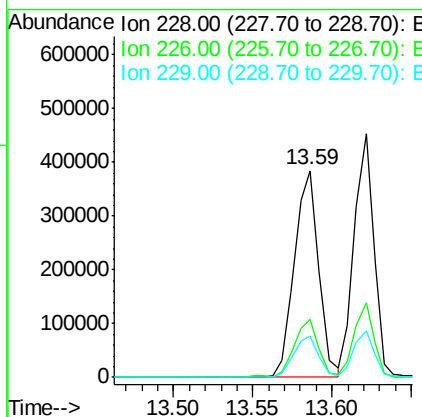
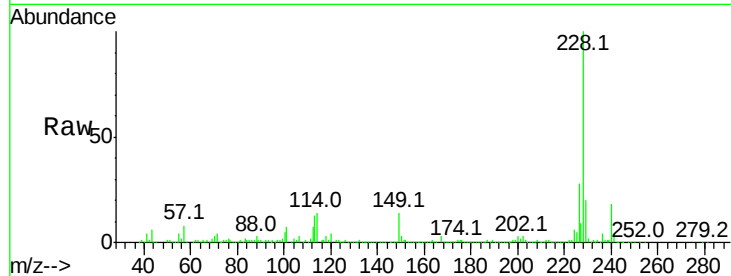
#80  
Benzo(a)anthracene  
Concen: 35.758 ng  
RT: 13.59 min Scan# 1989  
Delta R.T. -0.03 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.1  | 22.6  | 33.8  |
| 229     | 19.9  | 16.3  | 24.5  |

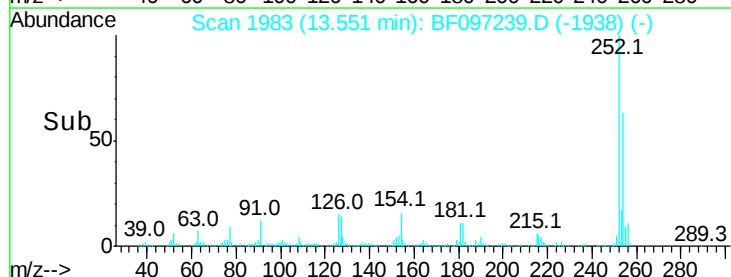
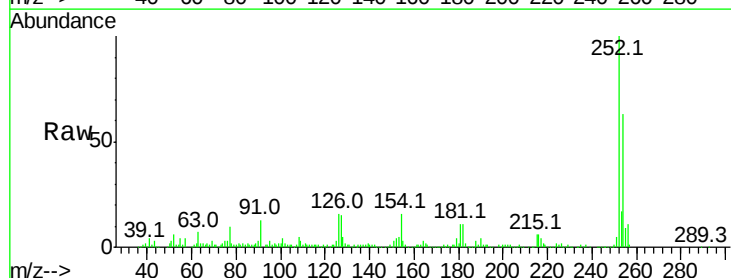
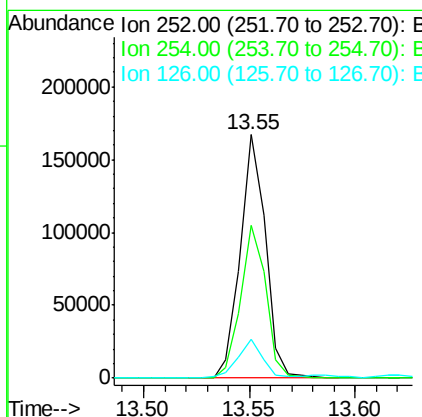
Manual Integrations  
APPROVED

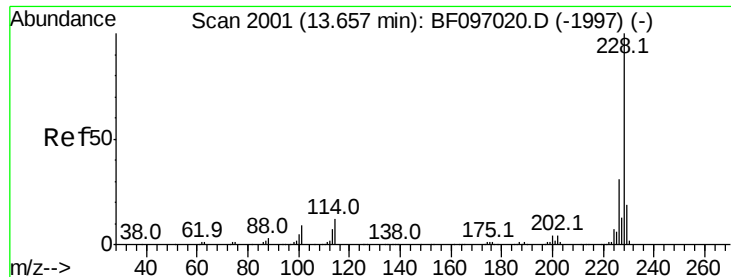
Sohil  
8/2/2017 7:15:21 PM



#81  
3,3'-Dichlorobenzidine  
Concen: 32.248 ng  
RT: 13.55 min Scan# 1983  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.7  | 51.5  | 77.3  |
| 126     | 15.8  | 15.8  | 23.8  |





#82

Chrysene

Concen: 35.169 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.04 min

Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

Instrument :

BNA\_F

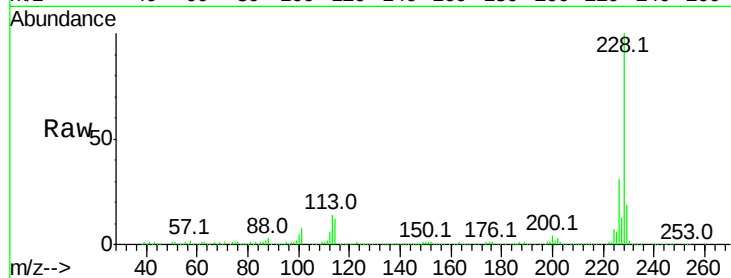
ClientSampleId :

E2-L6-NSW-DUPMS

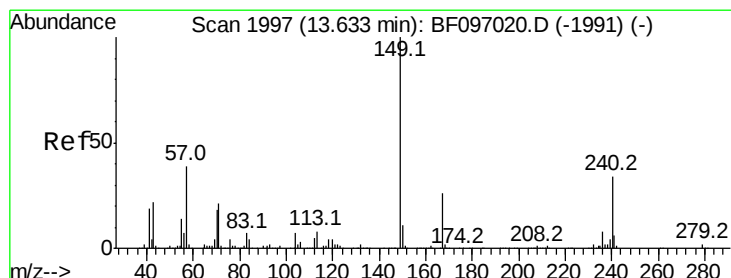
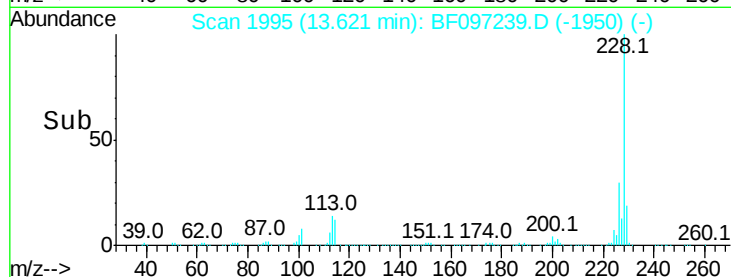
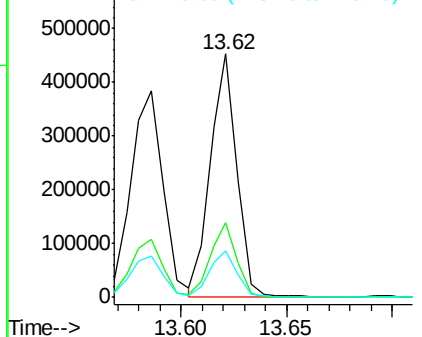
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 228  | Resp: | 391608 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 30.6 | 24.9  | 37.3   |
| 229       | 19.3 | 15.8  | 23.6   |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 32.968 ng

RT: 13.60 min Scan# 1991

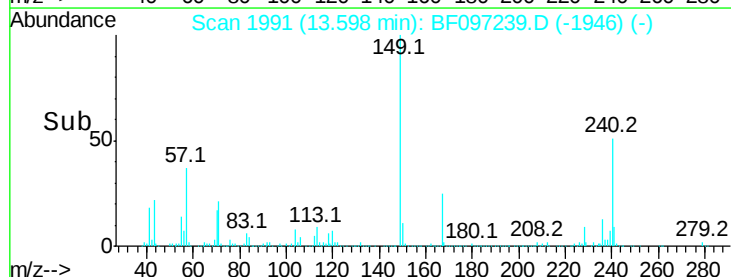
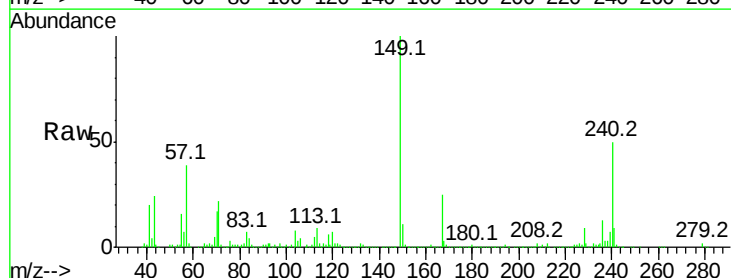
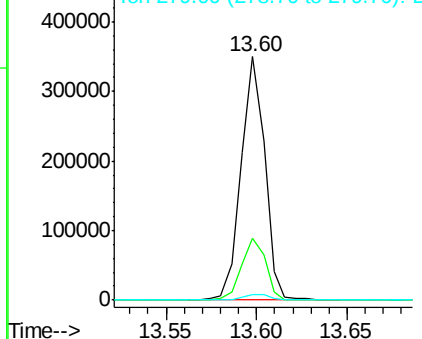
Delta R.T. -0.04 min

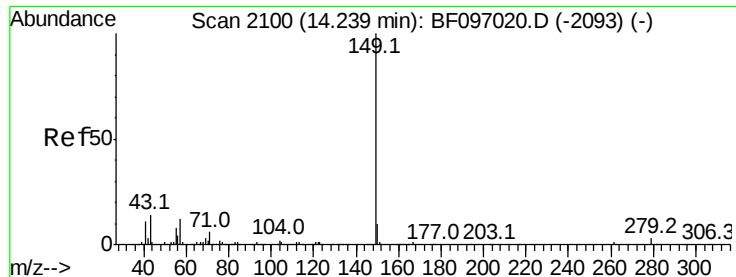
Lab File: BF097239.D

Acq: 1 Aug 2017 18:47

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 315910 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 25.3 | 21.0  | 31.4   |
| 279       | 2.4  | 1.9   | 2.9    |

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





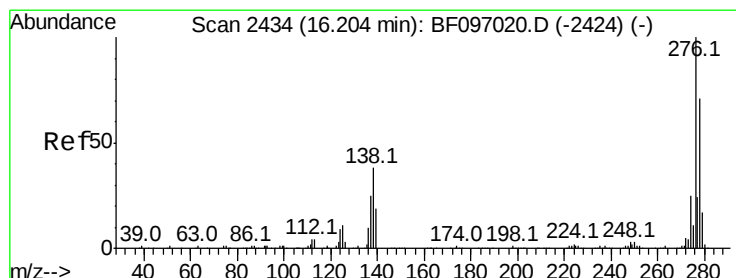
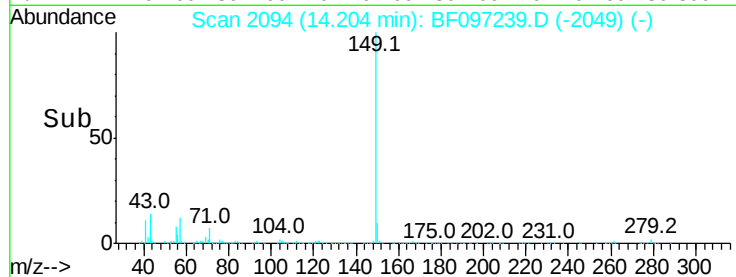
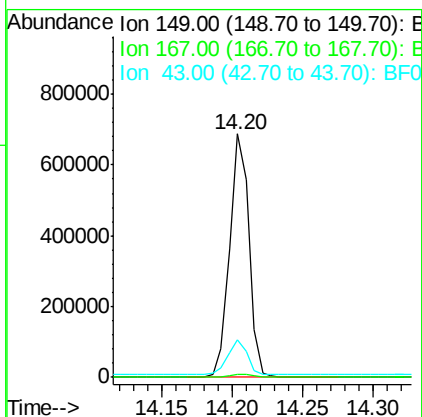
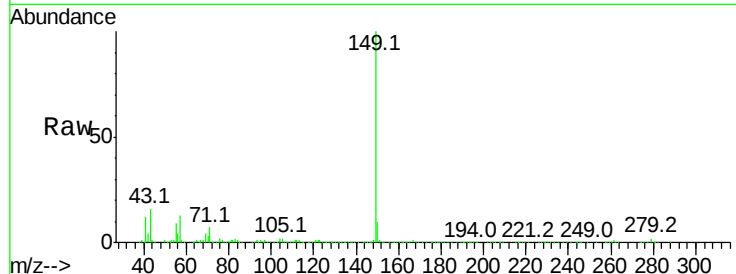
#84  
Di-n-octyl phthalate  
Concen: 37.081 ng  
RT: 14.20 min Scan# 2094  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 167     | 1.5   | 1.2        | 1.8   |
| 43      | 14.5  | 8.5        | 12.7# |

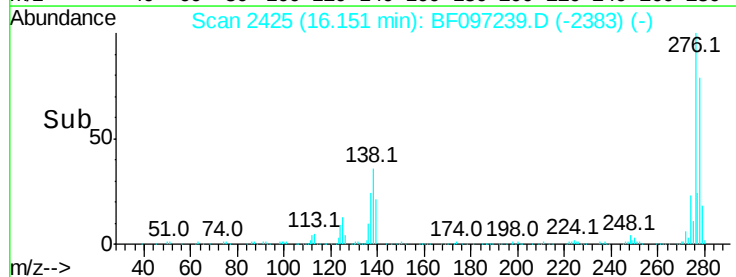
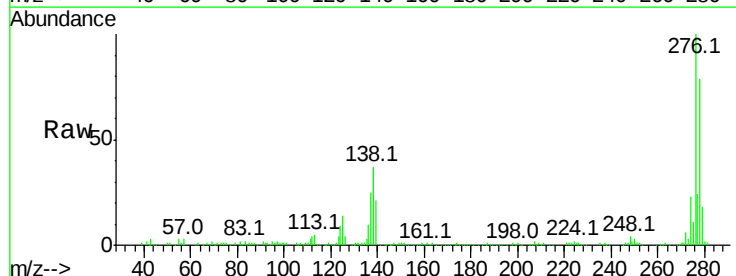
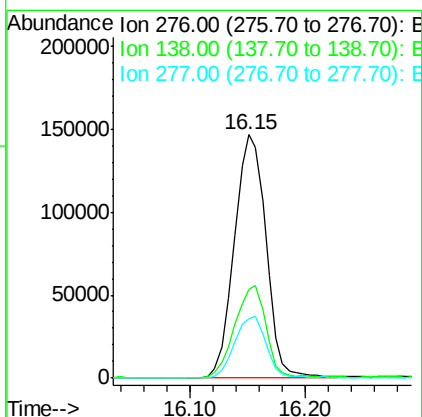
Manual Integrations  
APPROVED

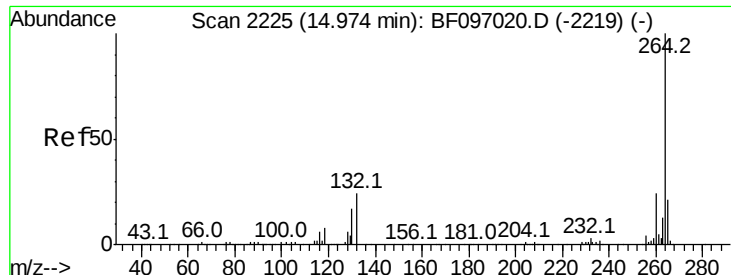
Sohil  
8/2/2017 7:15:21 PM



#85  
Indeno(1,2,3-cd)pyrene  
Concen: 29.269 ng  
RT: 16.15 min Scan# 2425  
Delta R.T. -0.05 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 38.0  | 27.8       | 41.6  |
| 277     | 25.4  | 20.2       | 30.4  |





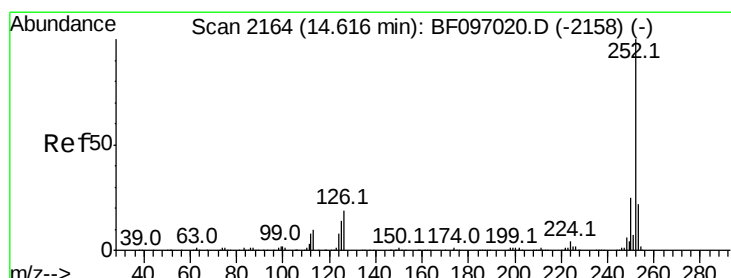
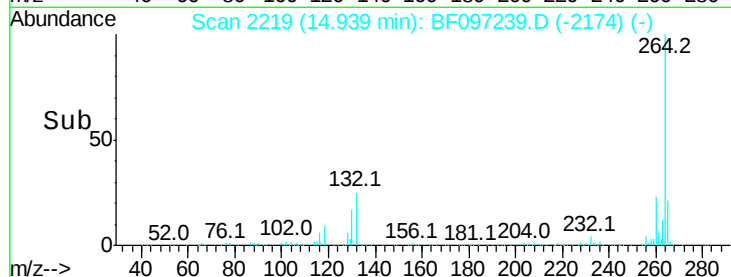
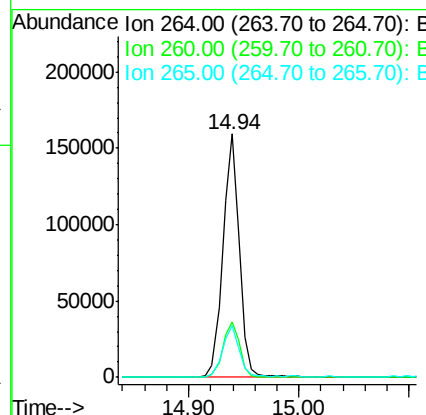
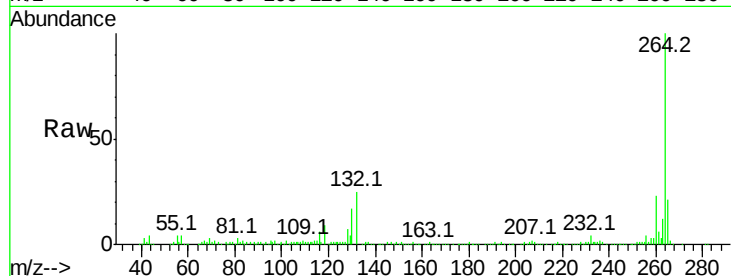
#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 14.94 min Scan# 2219  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.8  | 19.5  | 29.3  |
| 265     | 21.3  | 17.2  | 25.8  |

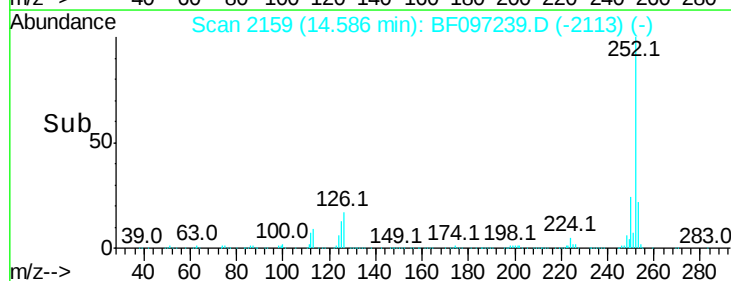
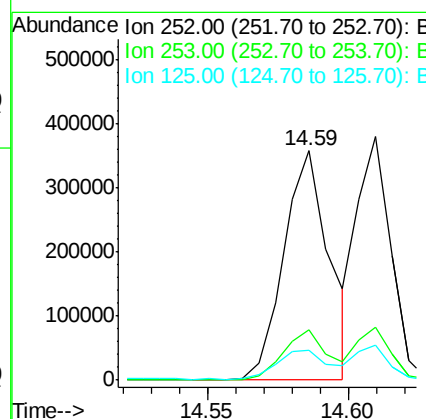
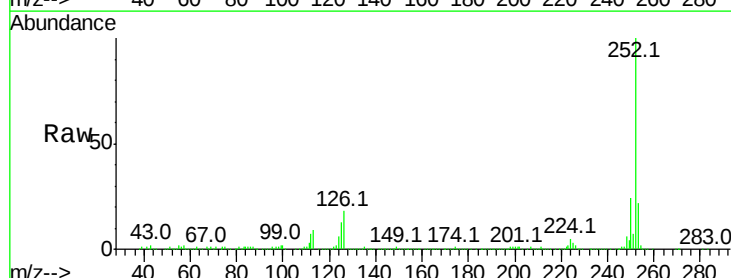
Manual Integrations  
APPROVED

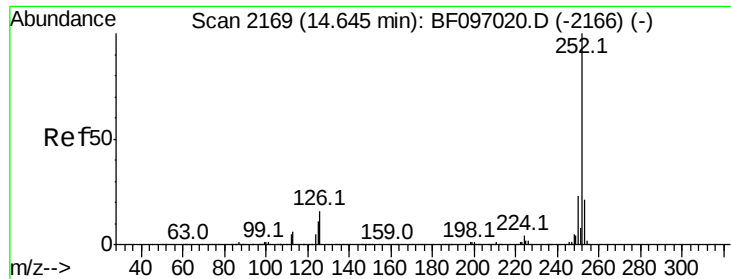
Sohil  
8/2/2017 7:15:21 PM



#87  
Benzo(b)fluoranthene  
Concen: 40.394 ng  
RT: 14.59 min Scan# 2159  
Delta R.T. -0.03 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 18.1  | 27.1  |
| 125     | 13.3  | 9.8   | 14.8  |





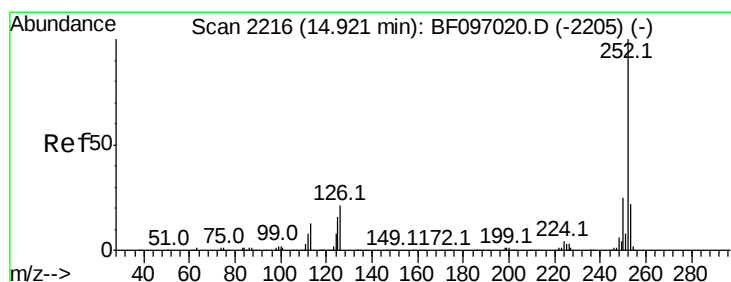
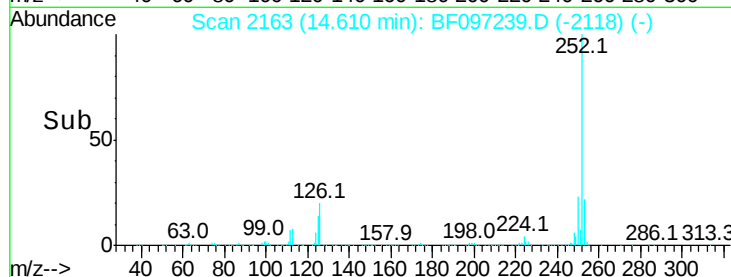
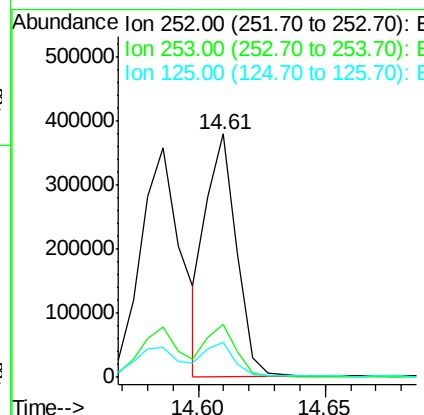
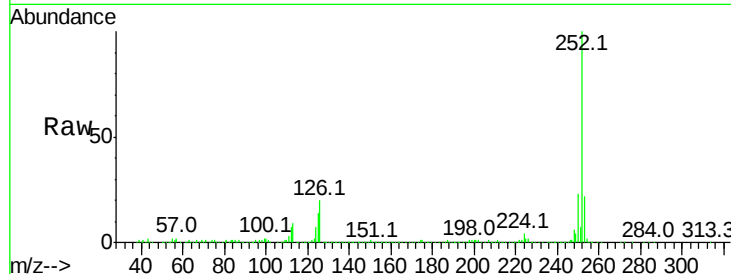
#88  
Benzo(k)fluoranthene  
Concen: 33.368 ng  
RT: 14.61 min Scan# 2163  
Delta R.T. -0.04 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 315562 |       |       |
| 253     | 21.7  | 18.4   | 27.6  |       |
| 125     | 14.2  | 13.1   | 19.7  |       |

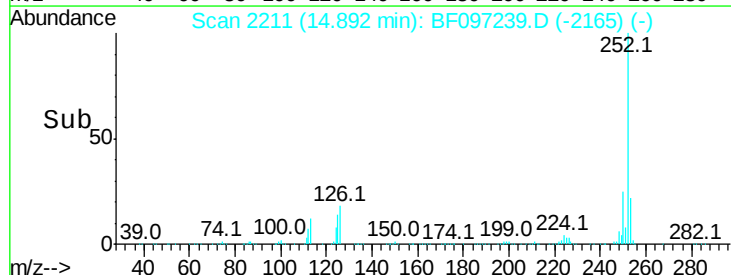
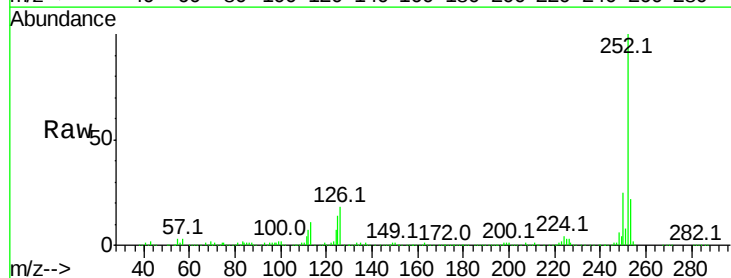
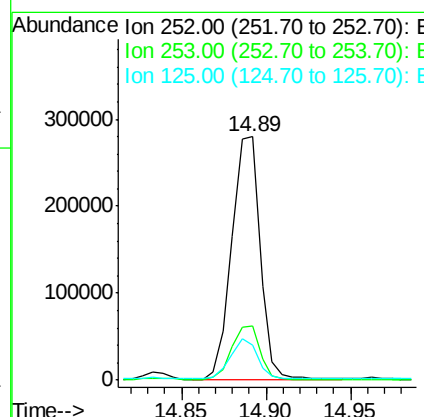
Manual Integrations  
APPROVED

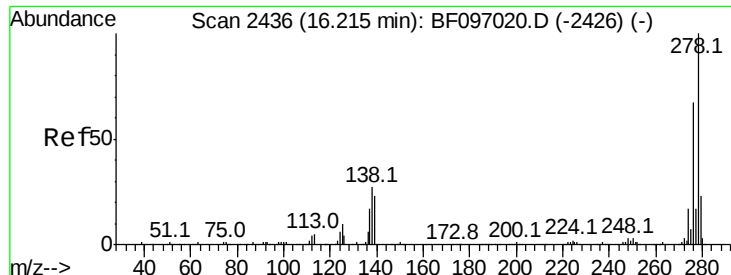
Sohil  
8/2/2017 7:15:21 PM



#89  
Benzo(a)pyrene  
Concen: 36.049 ng  
RT: 14.89 min Scan# 2211  
Delta R.T. -0.03 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 327435 |       |       |
| 253     | 22.0  | 17.5   | 26.3  |       |
| 125     | 14.3  | 11.0   | 16.4  |       |





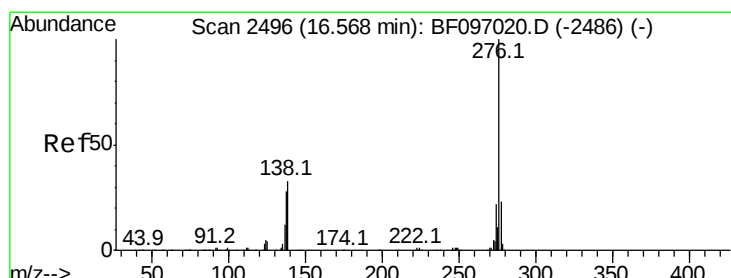
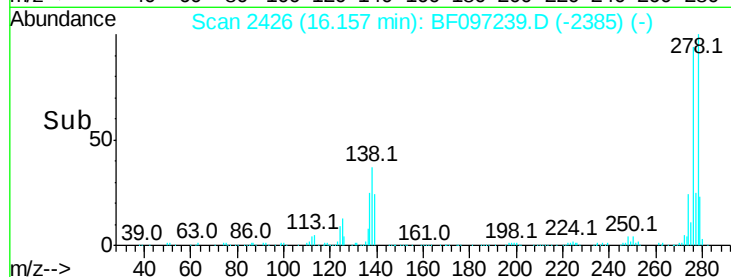
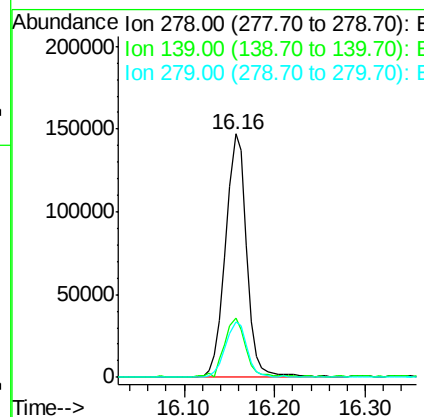
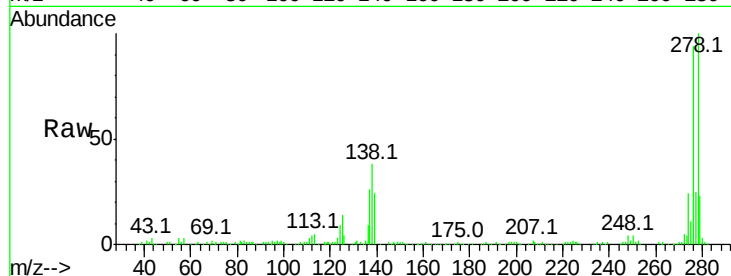
#90  
Dibenzo(a,h)anthracene  
Concen: 32.096 ng  
RT: 16.16 min Scan# 2426  
Delta R.T. -0.06 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

Instrument :  
BNA\_F  
ClientSampleId :  
E2-L6-NSW-DUPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 24.2  | 16.6  | 24.8  |
| 279     | 22.7  | 19.3  | 28.9  |

Manual Integrations  
APPROVED

Sohil  
8/2/2017 7:15:21 PM



#91  
Benzo(g,h,i)perylene  
Concen: 29.912 ng  
RT: 16.51 min Scan# 2486  
Delta R.T. -0.06 min  
Lab File: BF097239.D  
Acq: 1 Aug 2017 18:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 18.6  | 28.0  |
| 138     | 34.7  | 25.4  | 38.0  |

