

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\  
 Data File : BF107550.D  
 Acq On : 21 Jul 2018 3:09  
 Operator : JU/SJ  
 Sample : J4030-02MS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB1-12-0MS

Manual Integrations  
 APPROVED

Sohil  
 7/23/2018 12:44:51 PM

Quant Time: Jul 21 05:21:12 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 20 16:29:27 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.98  | 152  | 297372   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.26  | 136  | 1001936  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.02 | 164  | 368252   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.51 | 188  | 699802   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.17 | 240  | 677970   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.70 | 264  | 512211   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 1680655 | 90.87 | ng | 0.00 |
| 7) Phenol-d6             | 6.61  | 99  | 1952422 | 87.91 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.54  | 82  | 1163295 | 78.36 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.81 | 330 | 411880  | 98.36 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.33  | 172 | 1700096 | 77.05 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.09 | 244 | 1674142 | 63.22 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.88 | 88  | 258174  | 29.990 | ng | # 86   |
| 3) Pyridine                    | 3.66 | 79  | 657019  | 28.054 | ng | # 82   |
| 4) n-Nitrosodimethylamine      | 3.62 | 42  | 336108  | 34.028 | ng | 95     |
| 6) Aniline                     | 6.66 | 93  | 542240  | 18.931 | ng | # 89   |
| 8) 2-Chlorophenol              | 6.77 | 128 | 631762  | 31.882 | ng | 93     |
| 9) Benzaldehyde                | 6.53 | 77  | 326070  | 21.174 | ng | 97     |
| 10) Phenol                     | 6.62 | 94  | 785592  | 30.078 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.71 | 93  | 701643  | 32.403 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.92 | 146 | 693748  | 30.879 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.00 | 146 | 731137  | 31.752 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.15 | 146 | 656402  | 31.765 | ng | 98     |
| 15) Benzyl Alcohol             | 7.12 | 79  | 490049  | 32.377 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45  | 1080329 | 29.573 | ng | 83     |
| 17) 2-Methylphenol             | 7.23 | 107 | 506158  | 30.054 | ng | # 95   |
| 18) Hexachloroethane           | 7.48 | 117 | 207920  | 25.744 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.38 | 70  | 421419  | 29.374 | ng | 96     |
| 20) 3+4-Methylphenols          | 7.38 | 107 | 634568  | 31.731 | ng | # 47   |
| 22) Acetophenone               | 7.38 | 105 | 882296  | 37.496 | ng | # 90   |
| 24) Nitrobenzene               | 7.56 | 77  | 634901  | 37.337 | ng | 99     |
| 25) Isophorone                 | 7.79 | 82  | 1101197 | 34.739 | ng | 99     |
| 26) 2-Nitrophenol              | 7.88 | 139 | 257248  | 35.824 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.91 | 122 | 504295  | 37.101 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93  | 743477  | 35.096 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.12 | 162 | 471683  | 33.951 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.20 | 180 | 505473  | 32.394 | ng | 99     |
| 31) Naphthalene                | 8.28 | 128 | 1693270 | 38.432 | ng | 98     |
| 32) Benzoic acid               | 8.02 | 122 | 8704m   | 8.666  | ng |        |
| 33) 4-Chloroaniline            | 8.34 | 127 | 337228  | 17.512 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.39 | 225 | 299284  | 32.278 | ng | 98     |
| 35) Caprolactam                | 8.69 | 113 | 134913  | 29.856 | ng | # 75   |
| 36) 4-Chloro-3-methylphenol    | 8.81 | 107 | 448267  | 29.047 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.97 | 142 | 1086666 | 35.592 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.14 | 216 | 451650  | 36.771 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.12 | 237 | 64733   | 10.368 | ng | 98     |

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 QLast Update : Fri Jul 20 16:29:27 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.25  | 196  | 277350   | 35.277 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.30  | 196  | 285282   | 34.719 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 9.44  | 154  | 1185402  | 36.953 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.47  | 162  | 848388   | 34.600 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.57  | 65   | 285616   | 39.955 | nq    | 91       |
| 48) Acenaphthylene             | 9.88  | 152  | 1354274  | 36.767 | nq    | 99       |
| 49) Dimethylphthalate          | 9.73  | 163  | 1301318  | 46.888 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.80  | 165  | 185832   | 33.725 | nq    | 95       |
| 51) Acenaphthene               | 10.05 | 154  | 766359   | 33.206 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.98  | 138  | 203010   | 30.284 | nq    | 97       |
| 53) 2,4-Dinitrophenol          | 10.08 | 184  | 1663     | 9.164  | nq #  | 1        |
| 54) Dibenzofuran               | 10.22 | 168  | 1160487  | 34.156 | nq    | 99       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 316498   | 63.060 | nq    | 95       |
| 56) 2,4-Dinitrotoluene         | 10.21 | 165  | 223479   | 33.599 | nq #  | 96       |
| 57) Fluorene                   | 10.57 | 166  | 873059   | 36.018 | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.34 | 232  | 235259   | 34.402 | nq #  | 88       |
| 59) Diethylphthalate           | 10.43 | 149  | 1023582  | 35.313 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.56 | 204  | 417690   | 30.481 | nq    | 91       |
| 61) 4-Nitroaniline             | 10.59 | 138  | 223824   | 39.741 | nq    | 92       |
| 62) Azobenzene                 | 10.72 | 77   | 855127   | 31.462 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.61 | 198  | 5714     | 10.066 | nq #  | 54       |
| 65) n-Nitrosodiphenylamine     | 10.68 | 169  | 783487   | 32.965 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.05 | 248  | 254549   | 30.900 | nq    | 91       |
| 67) Hexachlorobenzene          | 11.12 | 284  | 271507   | 29.954 | nq #  | 89       |
| 68) Atrazine                   | 11.20 | 200  | 236628   | 32.609 | nq    | 97       |
| 69) Pentachlorophenol          | 11.32 | 266  | 277712   | 49.052 | nq    | 99       |
| 70) Phenanthrene               | 11.54 | 178  | 1394523  | 40.893 | nq    | 99       |
| 71) Anthracene                 | 11.59 | 178  | 1283617  | 37.385 | nq    | 99       |
| 72) Carbazole                  | 11.75 | 167  | 1241157  | 34.762 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.06 | 149  | 1417909  | 36.488 | nq    | 99       |
| 74) Fluoranthene               | 12.73 | 202  | 1666283  | 45.535 | nq    | 99       |
| 76) Benzidine                  | 12.85 | 184  | 335128   | 17.165 | nq    | 97       |
| 77) Pyrene                     | 12.97 | 202  | 1660214  | 35.801 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.57 | 149  | 703014   | 35.251 | nq    | 97       |
| 80) Benzo(a)anthracene         | 14.15 | 228  | 1453893  | 36.594 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 14.11 | 252  | 367937   | 28.034 | nq    | 97       |
| 82) Chrysene                   | 14.19 | 228  | 1365818  | 35.787 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.12 | 149  | 967224   | 34.372 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 14.74 | 149  | 1720602  | 39.337 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.28 | 276  | 848669   | 26.237 | nq    | 95       |
| 87) Benzo(b)fluoranthene       | 15.24 | 252  | 1188964  | 42.413 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 15.27 | 252  | 898071   | 32.700 | nq    | 98       |
| 89) Benzo(a)pyrene             | 15.64 | 252  | 882780   | 34.427 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.29 | 278  | 706895   | 31.891 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.76 | 276  | 673068   | 30.784 | nq    | 93       |

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

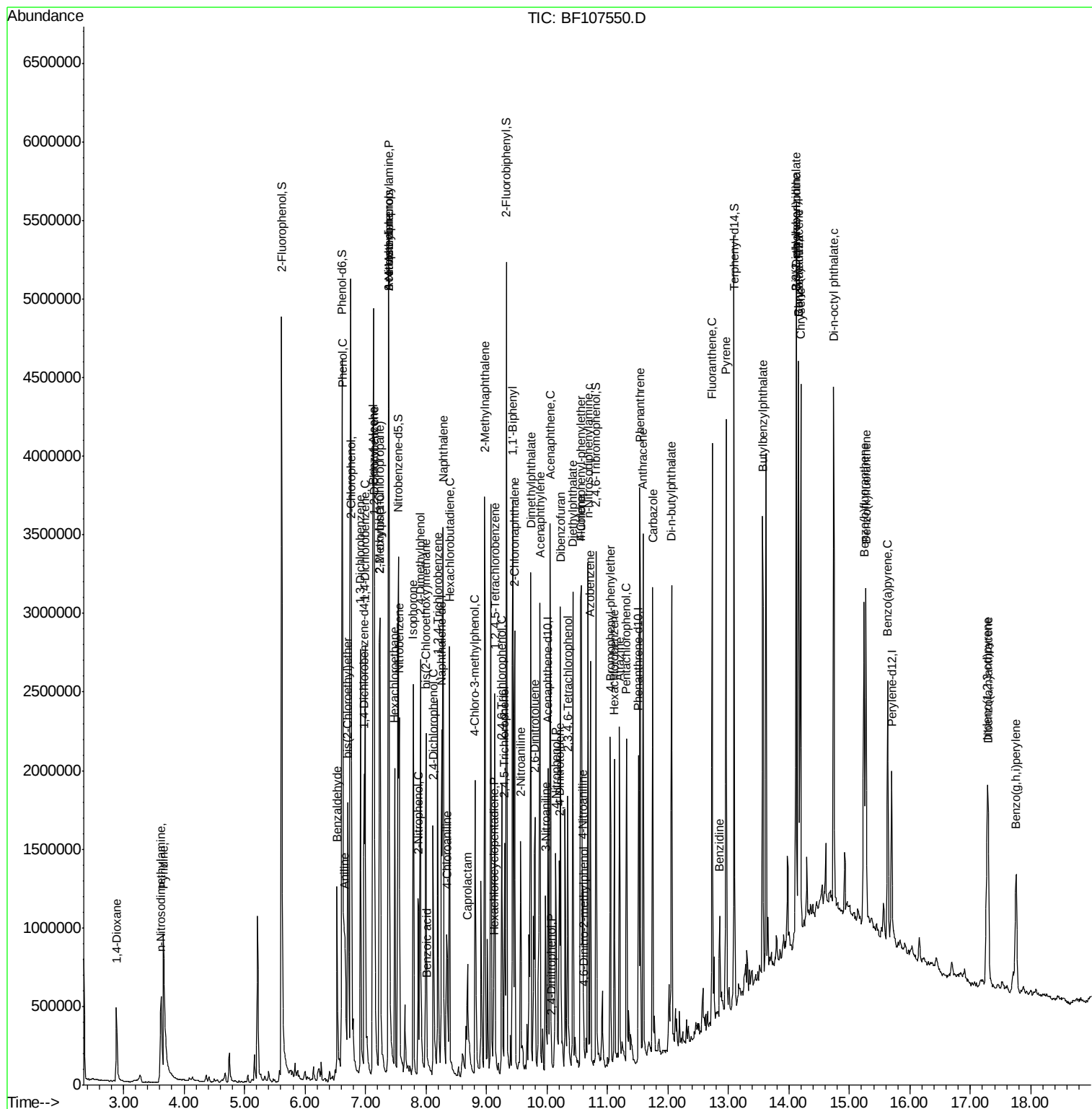
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\  
Data File : BF107550.D  
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Misc :  
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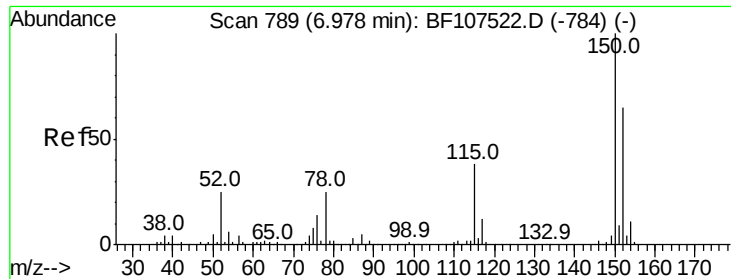
Instrument :  
BNA\_F  
ClientSampled :  
SB1-12-0MS

Manual Integrations  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

ClientSampleId :

SB1-12-0MS

Tot Ion:152 Resp: 297372

Ion Ratio Lower Upper

152 100

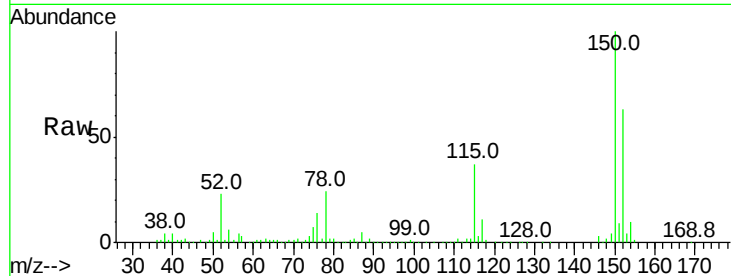
150 159.0 124.6 186.8

115 59.3 50.1 75.1

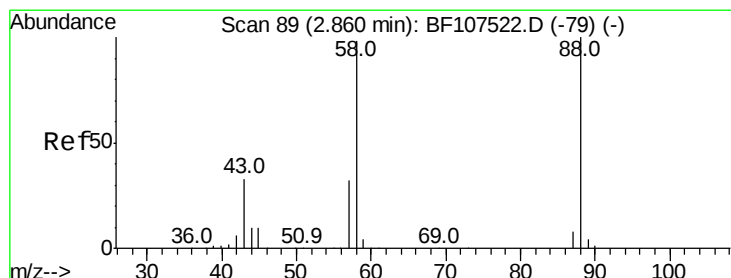
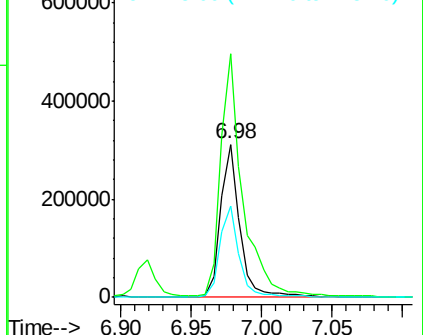
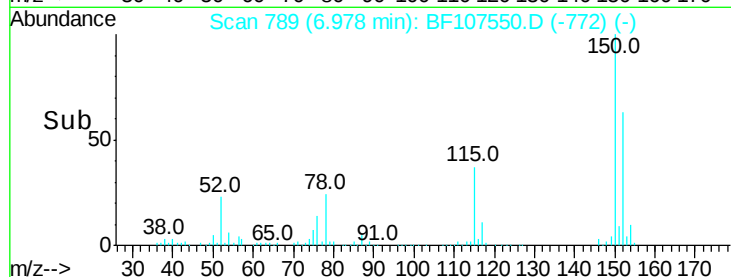
Manual Integrations  
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7/23/2018 12:44:51 PM



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: 29.990 ng

RT: 2.88 min Scan# 93

Delta R.T. 0.02 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

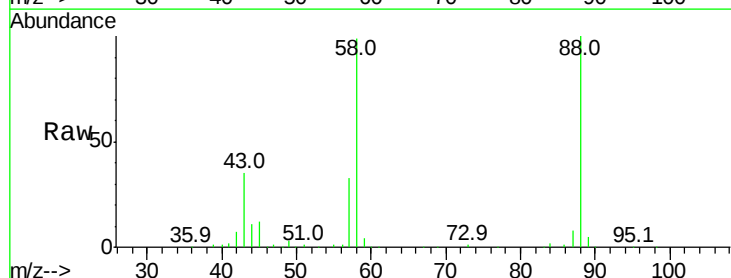
Tgt Ion: 88 Resp: 258174

Ion Ratio Lower Upper

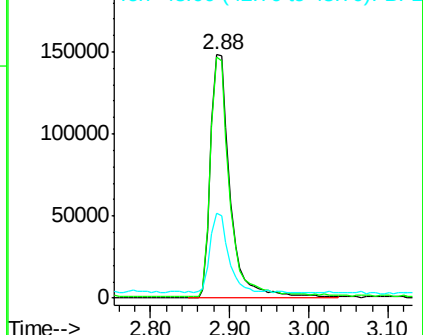
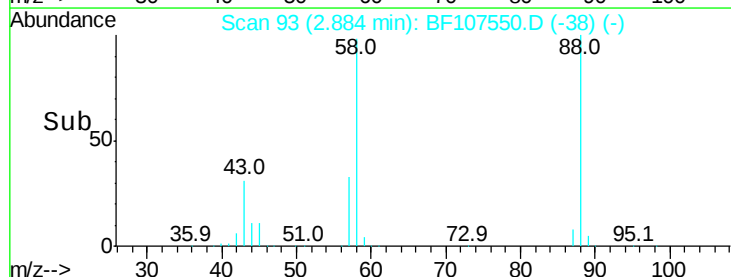
88 100

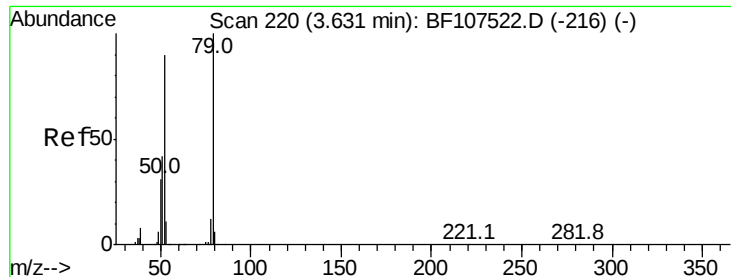
58 94.8 62.6 93.8#

43 29.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 28.054 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.03 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

ClientSampleId :

SB1-12-0MS

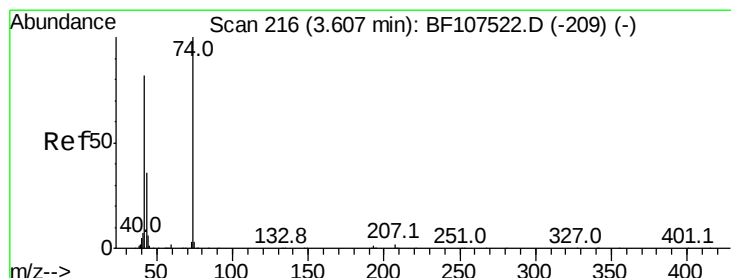
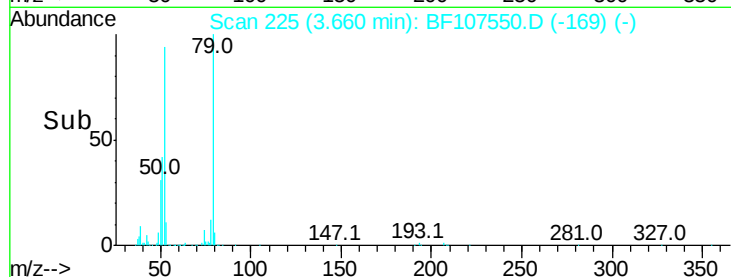
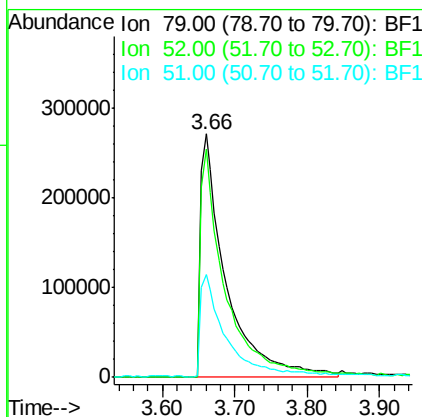
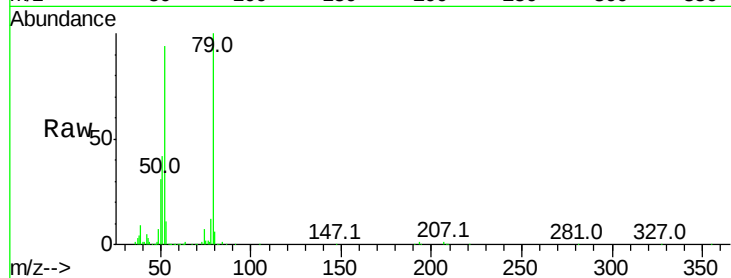
Tot Ion: 79 Resp: 657019

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 93.6  | 59.8  | 89.6# |
| 51  | 42.4  | 29.8  | 44.8  |

Manual Integrations  
APPROVED

Sohil

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#4

n-Nitrosodimethylamine

Concen: 34.028 ng

RT: 3.62 min Scan# 218

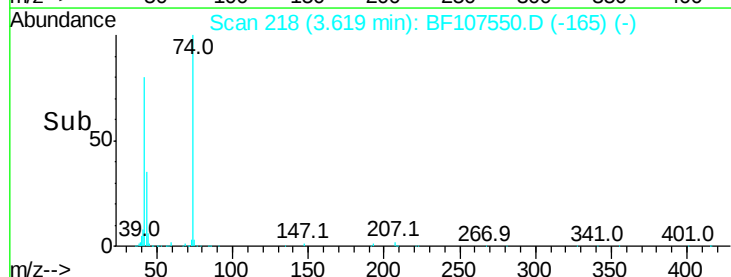
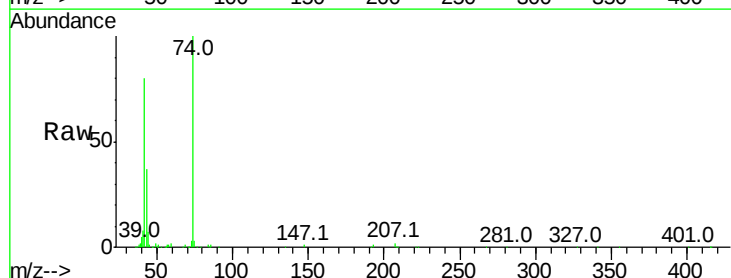
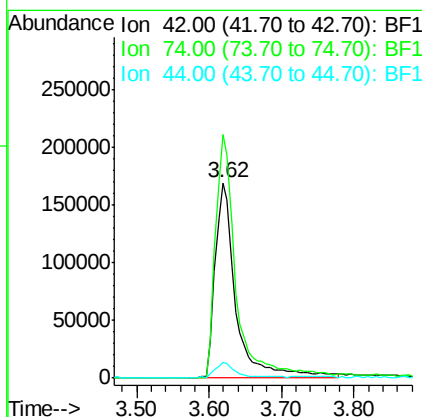
Delta R.T. 0.01 min

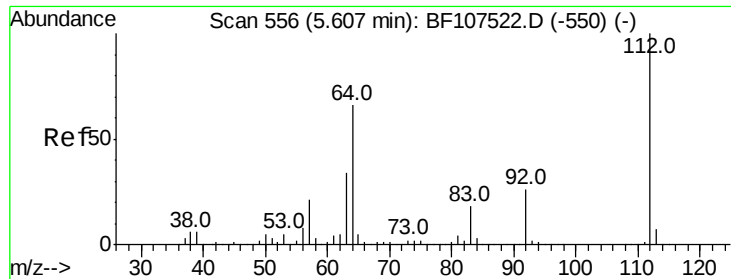
Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Tgt Ion: 42 Resp: 336108

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 124.5 | 104.9 | 157.3 |
| 44  | 8.1   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 90.868 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

ClientSampleId :

SB1-12-0MS

Tot Ion:112 Resp: 1680655

Ion Ratio Lower Upper

112 100

64 67.0 47.9 71.9

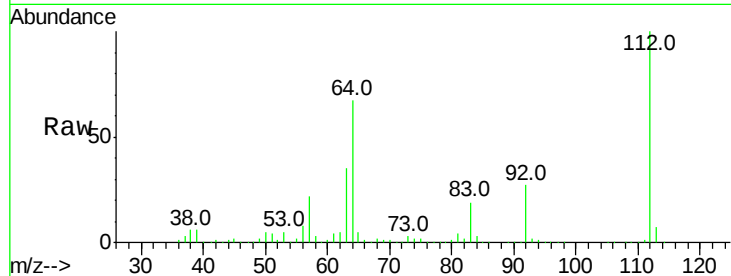
63 35.0 23.7 35.5

Manual Integrations

APPROVED

Sohil

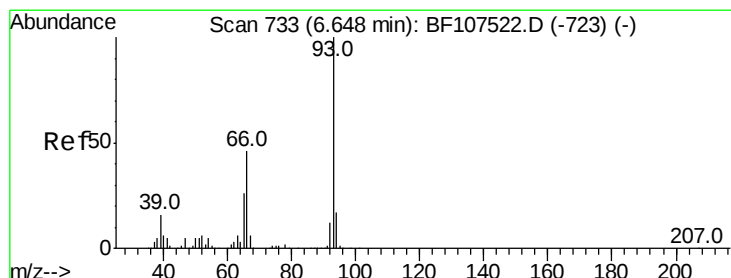
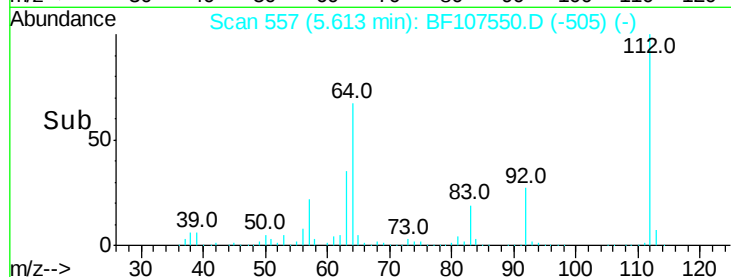
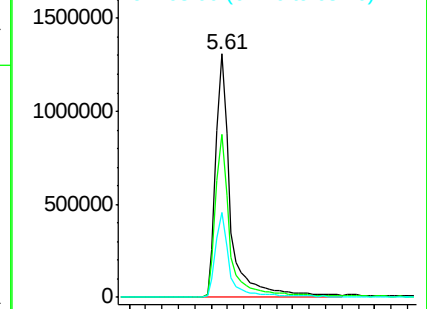
7/23/2018 12:44:51 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.931 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

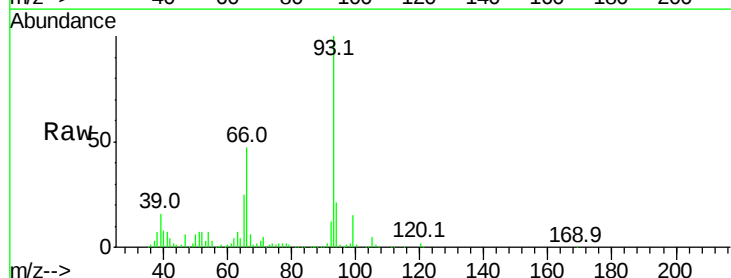
Tgt Ion: 93 Resp: 542240

Ion Ratio Lower Upper

93 100

66 47.0 32.2 48.2

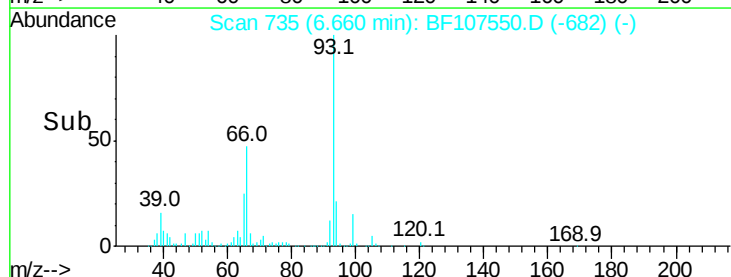
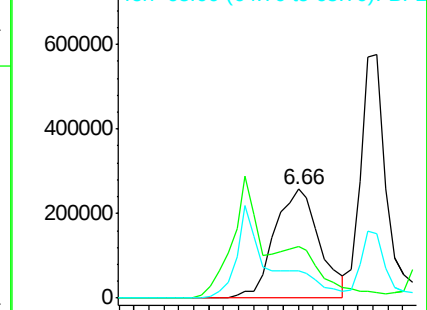
65 25.3 16.4 24.6#

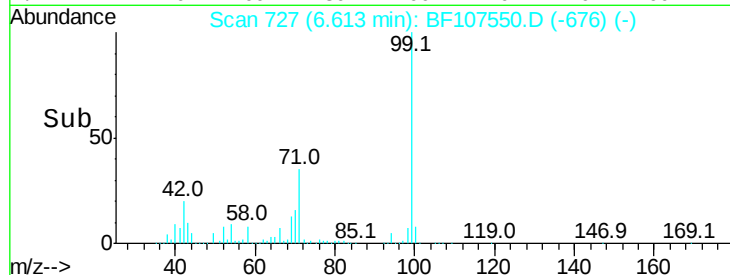
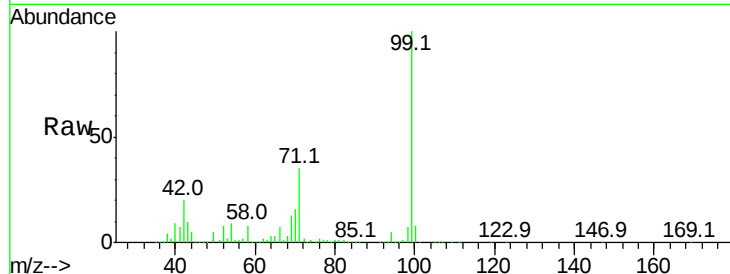
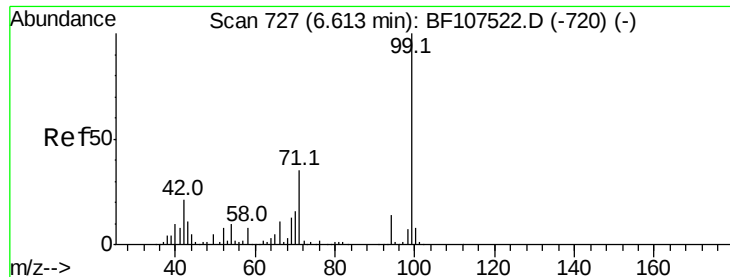


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.914 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Tot Ion: 99 Resp: 1952422

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 35.0 25.4 38.0

Instrument :

BNA\_F

ClientSampleId :

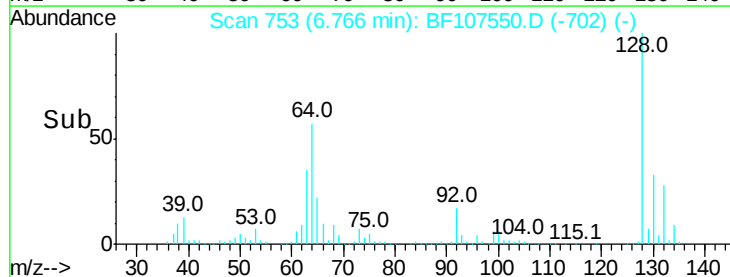
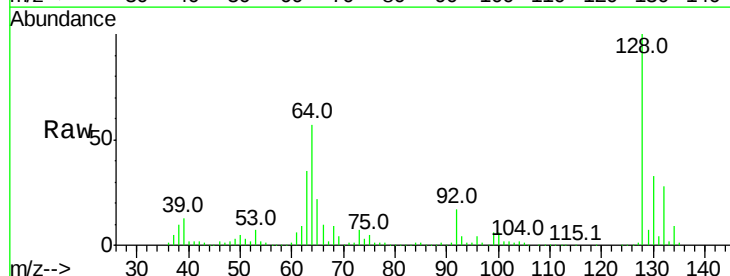
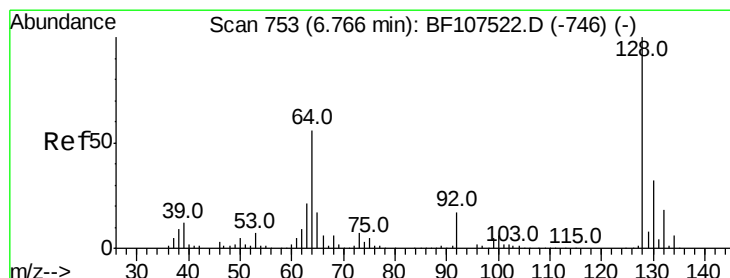
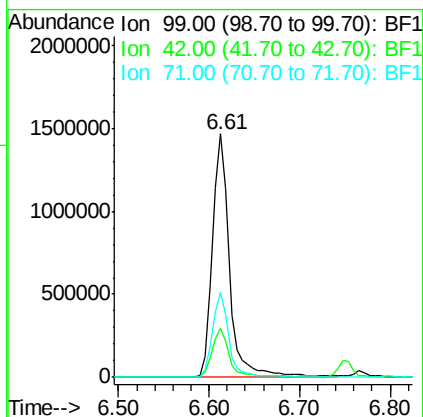
SB1-12-0MS

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#8

2-Chlorophenol

Concen: 31.882 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

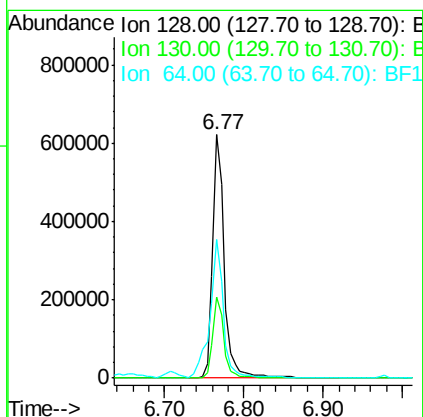
Tgt Ion:128 Resp: 631762

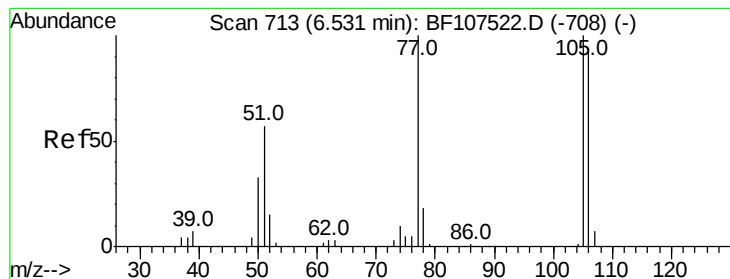
Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

64 57.1 29.4 69.4





#9

Benzaldehyde

Concen: 21.174 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

ClientSampleId :

SB1-12-0MS

Tot Ion: 77 Resp: 326070

Ion Ratio Lower Upper

77 100

105 103.4 81.1 121.1

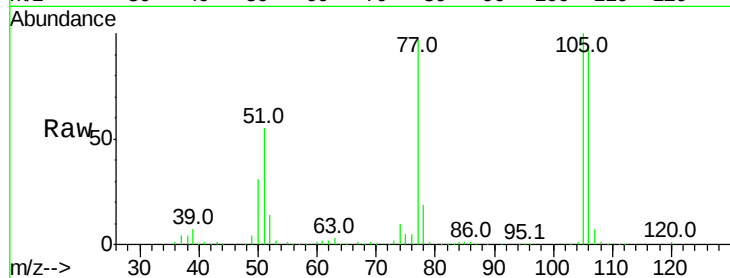
106 97.6 74.5 114.5

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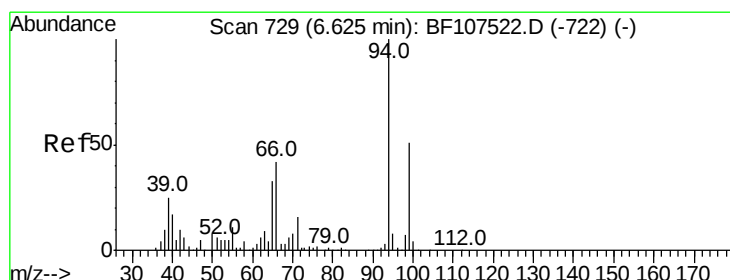
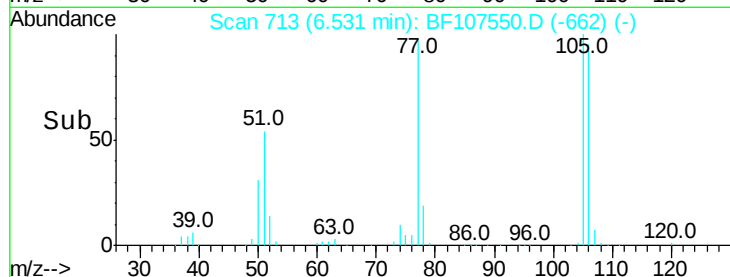
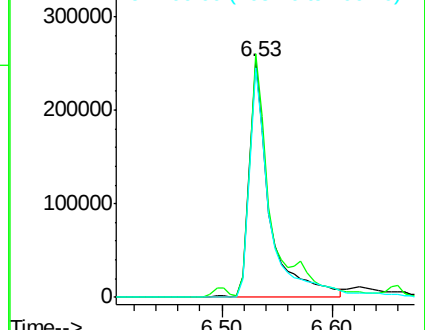
7/23/2018 12:44:51 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.078 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

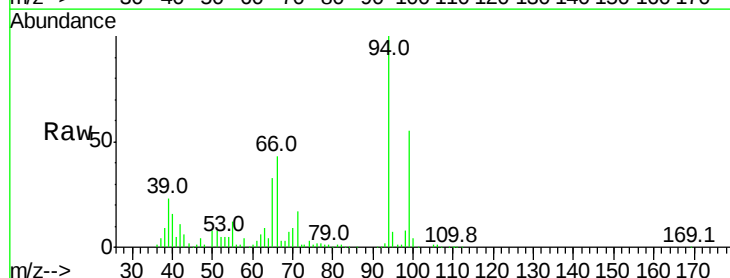
Tgt Ion: 94 Resp: 785592

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

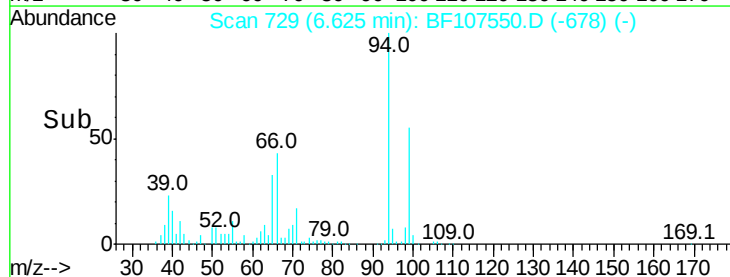
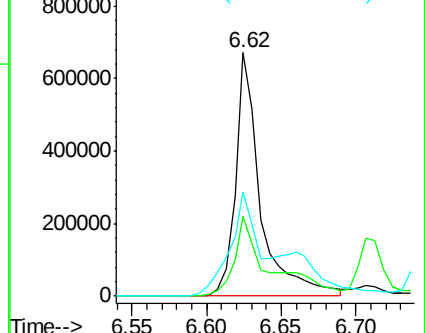
66 43.0 16.2 56.2

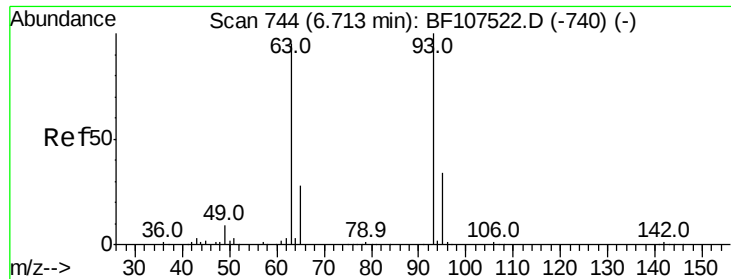


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





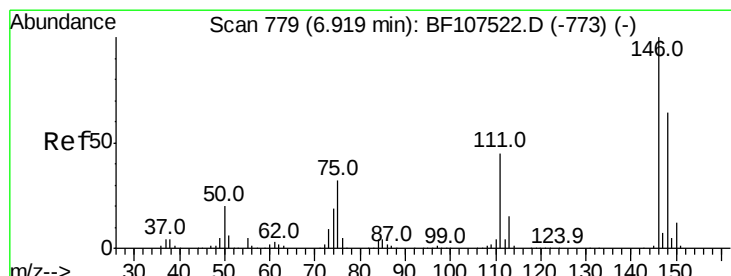
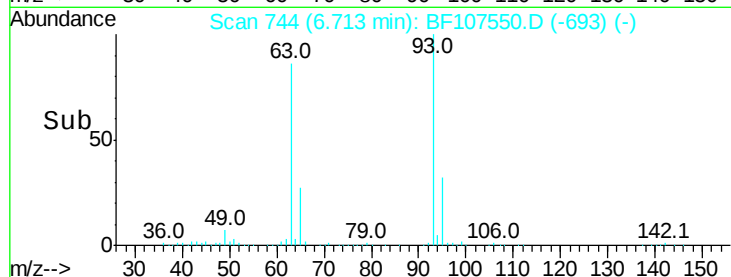
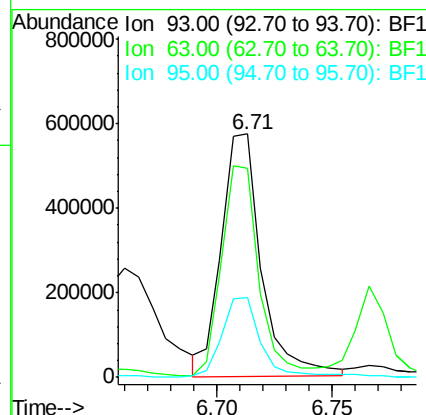
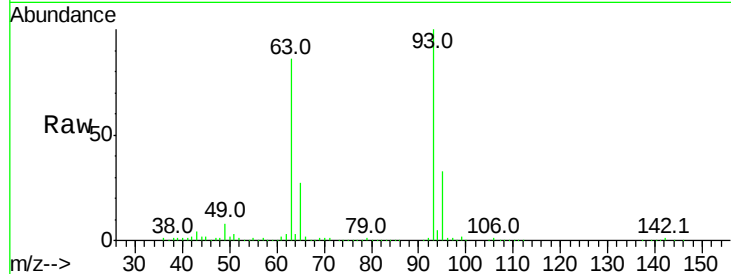
#11  
bis(2-Chloroethyl)ether  
Concen: 32.403 ng  
RT: 6.71 min Scan# 744  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 701643 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 85.9  | 58.6  | 98.6   |
| 95        | 32.6  | 11.8  | 51.8   |

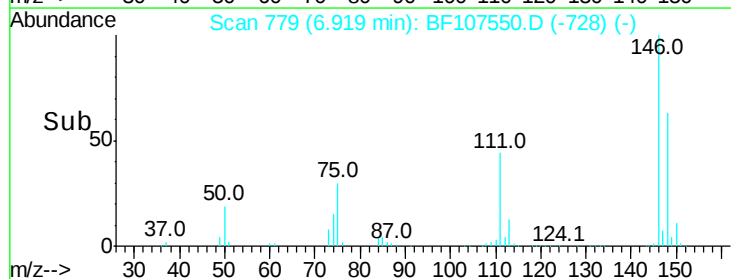
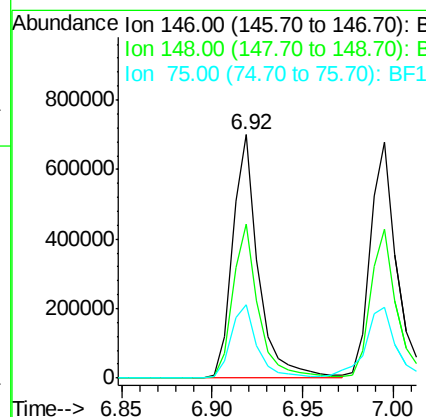
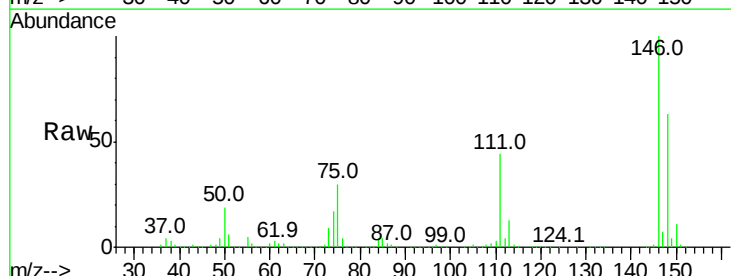
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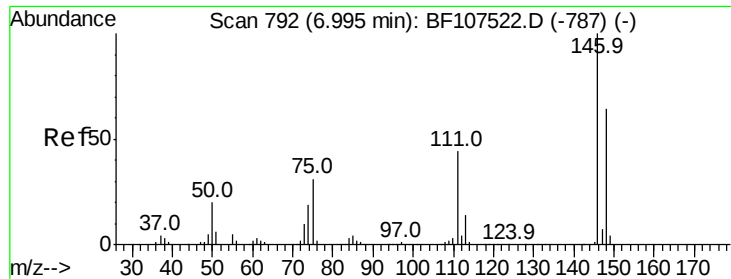
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#12  
1,3-Dichlorobenzene  
Concen: 30.879 ng  
RT: 6.92 min Scan# 779  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 693748 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.5  | 51.8  | 77.8   |
| 75        | 30.2  | 24.2  | 36.4   |





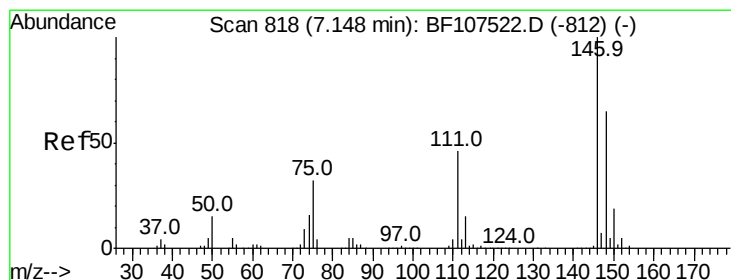
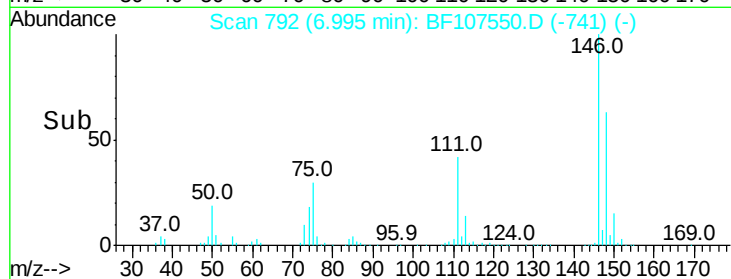
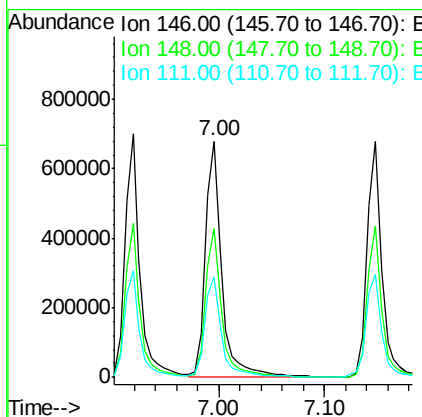
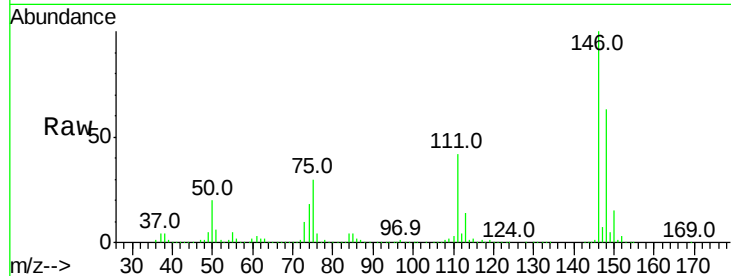
#13  
 1,4-Dichlorobenzene  
 Concen: 31.752 ng  
 RT: 7.00 min Scan# 792  
 Delta R.T. -0.00 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 50.8  | 76.2  |
| 111     | 42.4  | 34.2  | 51.2  |

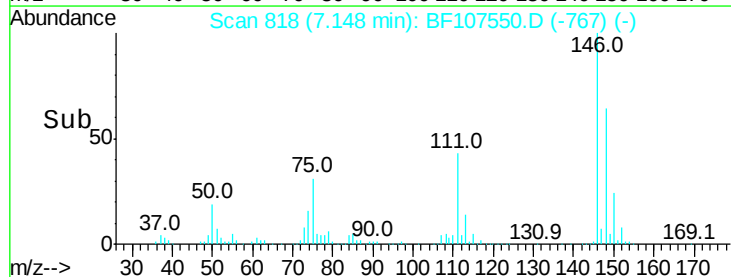
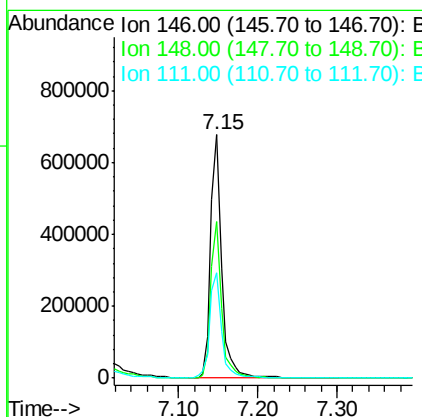
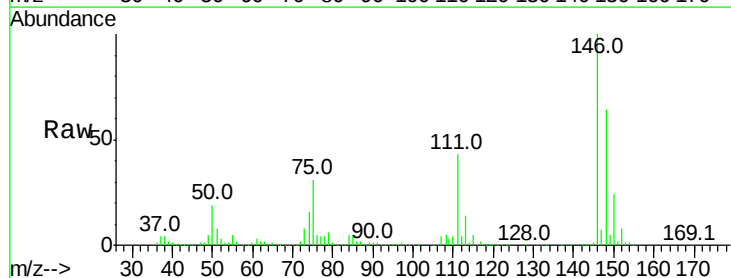
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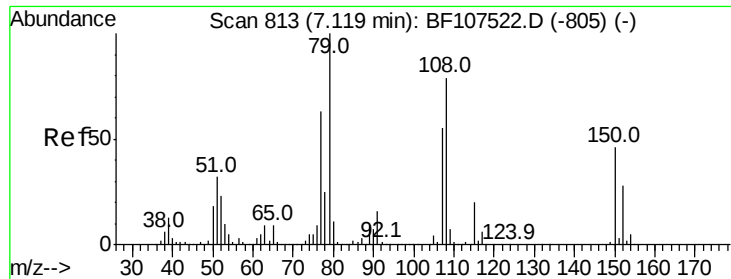
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#14  
 1,2-Dichlorobenzene  
 Concen: 31.765 ng  
 RT: 7.15 min Scan# 818  
 Delta R.T. -0.00 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 50.6  | 75.8  |
| 111     | 43.4  | 36.0  | 54.0  |





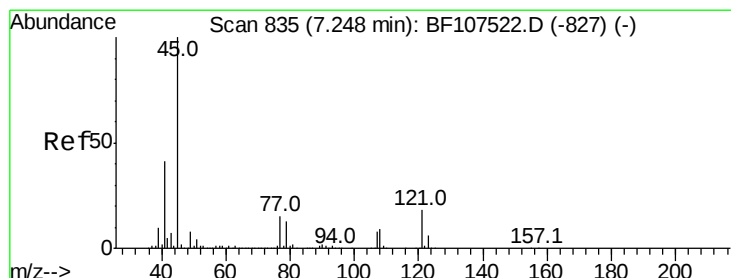
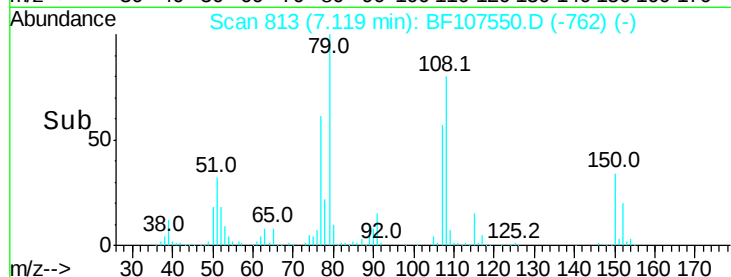
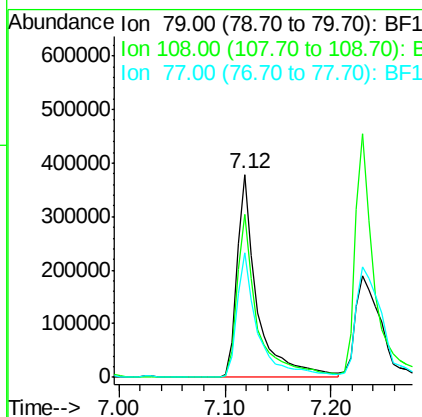
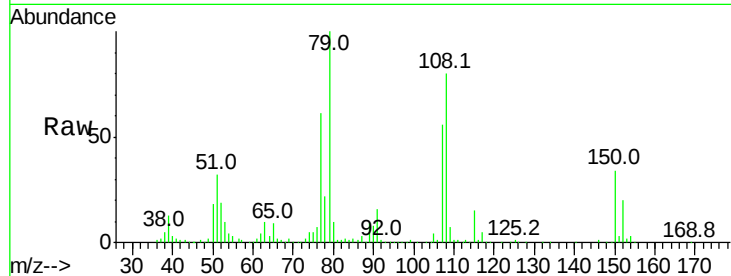
#15  
Benzyl Alcohol  
Concen: 32.377 ng  
RT: 7.12 min Scan# 813  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

Tot Ion: 79 Resp: 490049  
Ion Ratio Lower Upper  
79 100  
108 80.4 65.1 97.7  
77 61.1 50.6 75.8

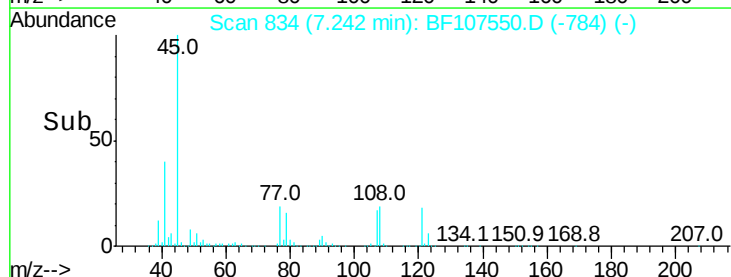
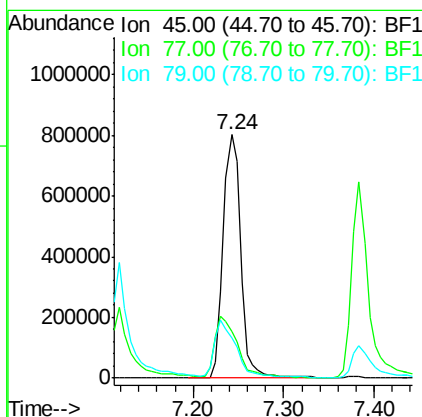
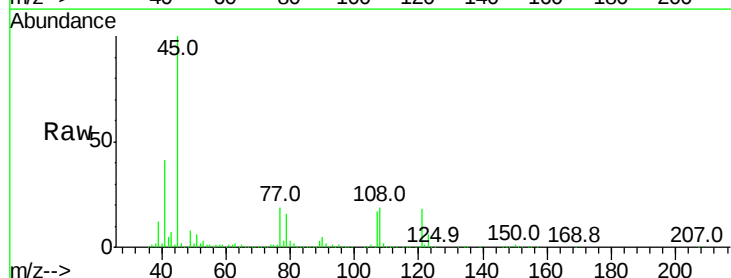
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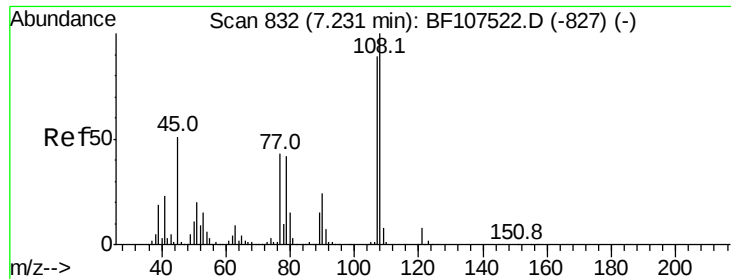
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 29.573 ng  
RT: 7.24 min Scan# 834  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Tgt Ion: 45 Resp: 1080329  
Ion Ratio Lower Upper  
45 100  
77 19.1 0.0 32.9  
79 16.5 0.0 29.6





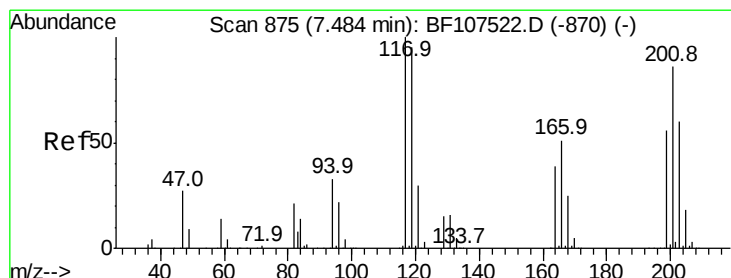
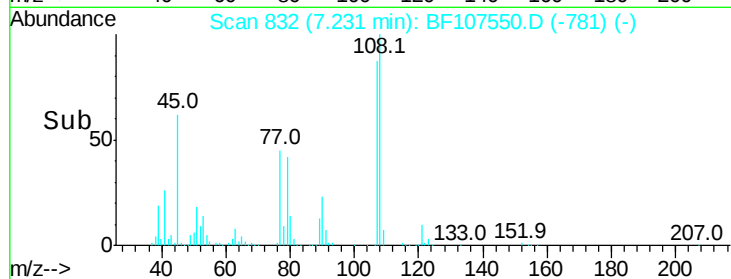
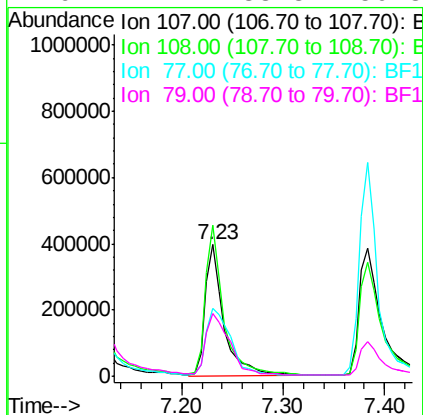
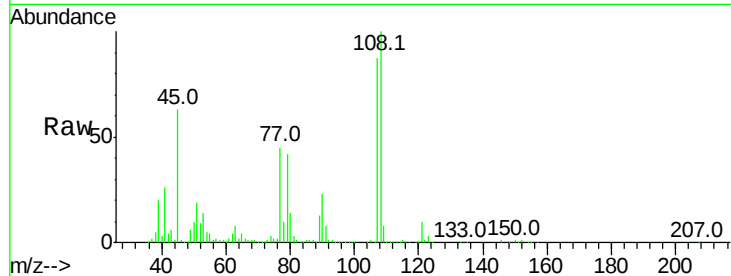
#17  
2-Methylphenol  
Concen: 30.054 ng  
RT: 7.23 min Scan# 832  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 114.3 | 91.7 | 137.5 |       |
| 77      | 51.7  | 33.8 | 50.8# |       |
| 79      | 47.7  | 33.8 | 50.8  |       |

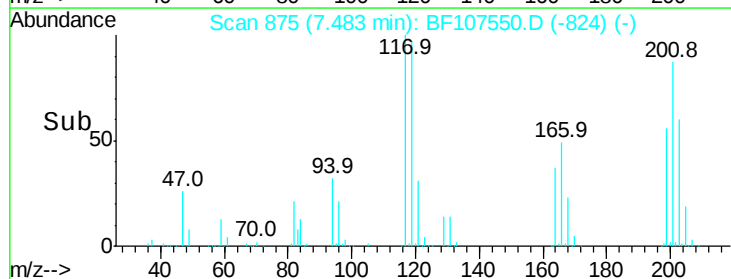
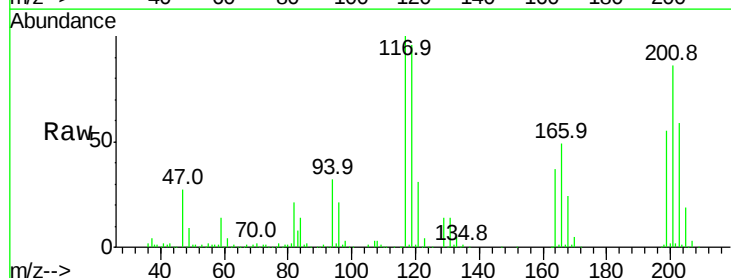
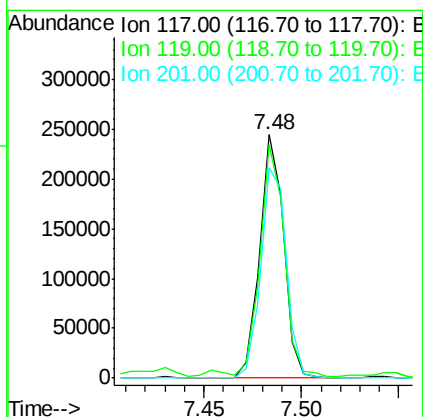
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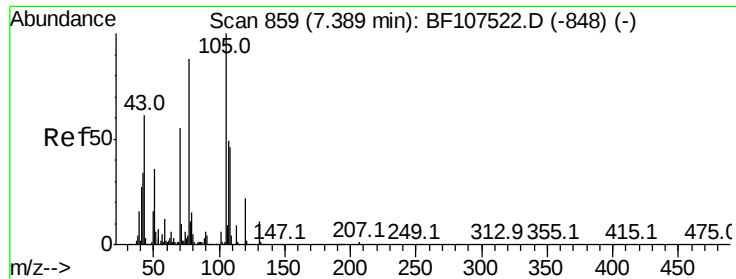
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#18  
Hexachloroethane  
Concen: 25.744 ng  
RT: 7.48 min Scan# 875  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.1  | 75.8 | 113.8 |       |
| 201     | 86.2  | 75.7 | 113.5 |       |





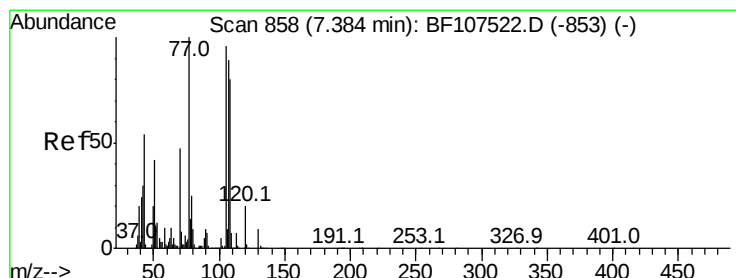
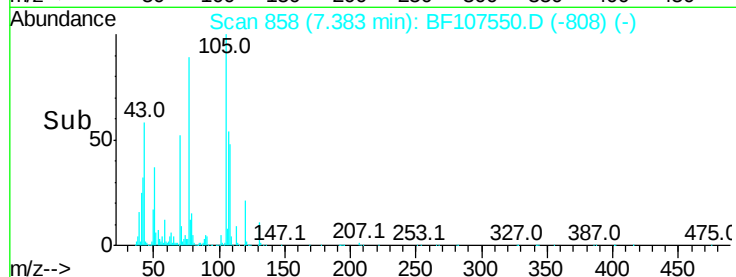
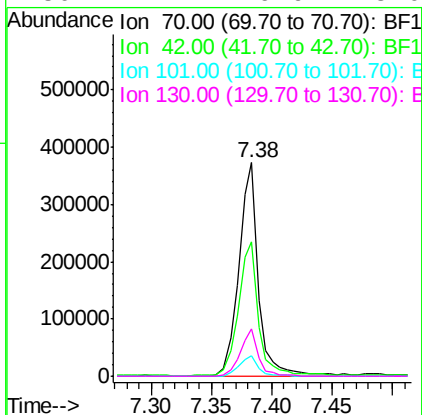
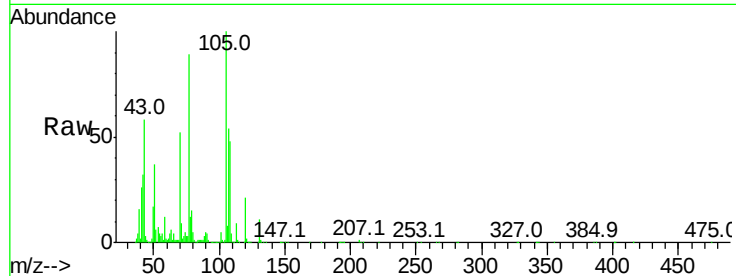
#19  
n-Nitroso-di-n-propylamine  
Concen: 29.374 ng  
RT: 7.38 min Scan# 858  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 62.9  | 47.5  | 71.3  |
| 101     | 9.8   | 7.4   | 11.2  |
| 130     | 22.1  | 16.6  | 25.0  |

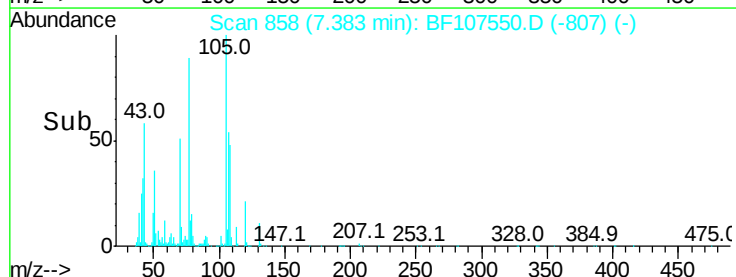
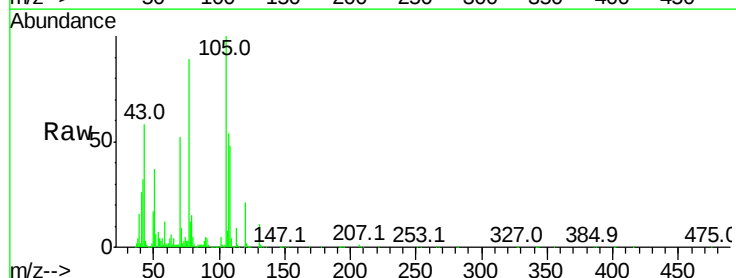
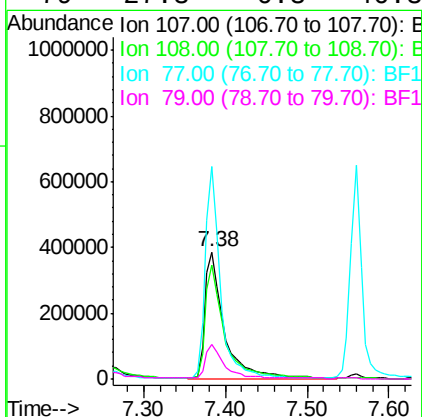
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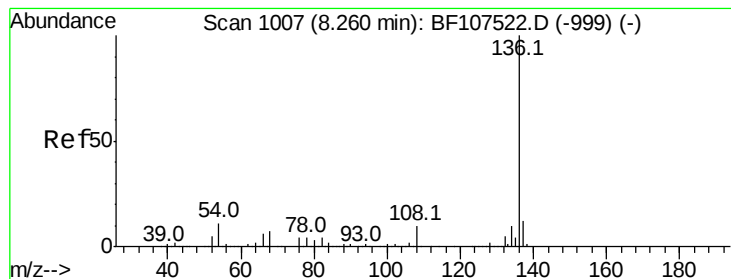
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#20  
3+4-Methylphenols  
Concen: 31.731 ng  
RT: 7.38 min Scan# 858  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.1  | 68.2  | 108.2 |
| 77      | 166.6 | 26.7  | 66.7# |
| 79      | 27.3  | 6.3   | 46.3  |





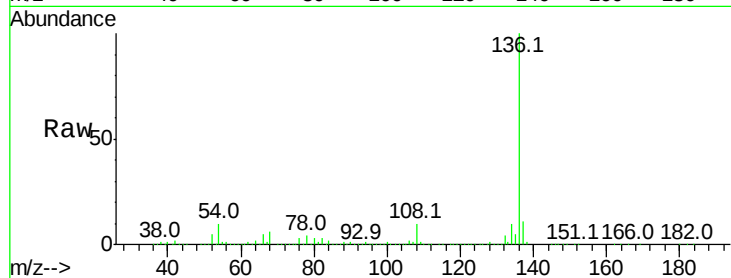
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.26 min Scan# 1007  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

| Tot Ion   | 136   | Resp  | 1001936 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 136       | 100   |       |         |
| 137       | 11.5  | 8.9   | 13.3    |
| 54        | 10.1  | 6.6   | 9.8#    |
| 68        | 6.3   | 5.0   | 7.4     |

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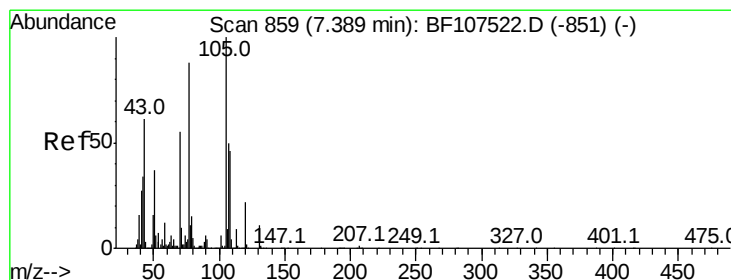
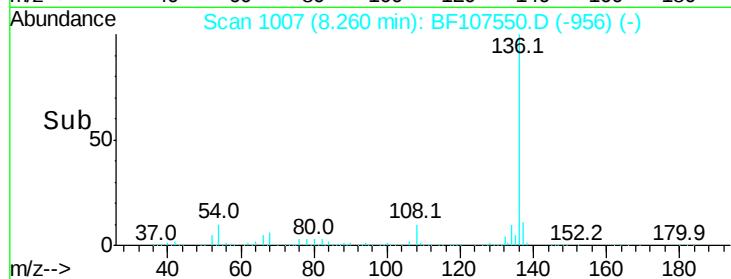
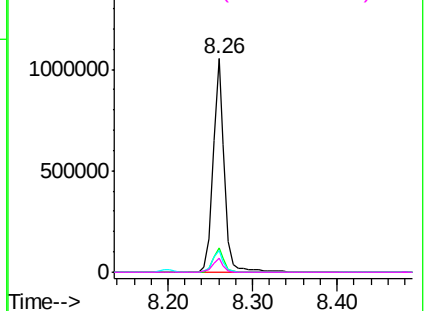
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22  
Acetophenone  
Concen: 37.496 ng  
RT: 7.38 min Scan# 858  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion   | 105   | Resp  | 882296 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 8.7   | 4.4   | 6.6#   |
| 51        | 36.7  | 22.3  | 33.5#  |
| 120       | 20.9  | 16.9  | 25.3   |

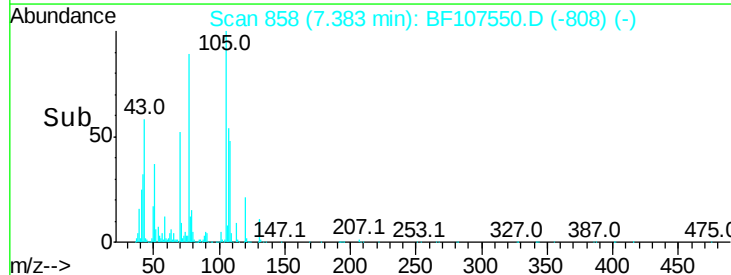
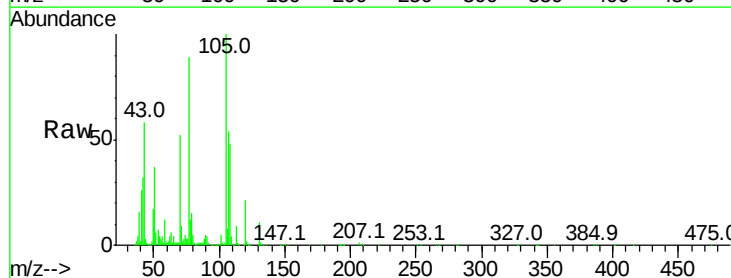
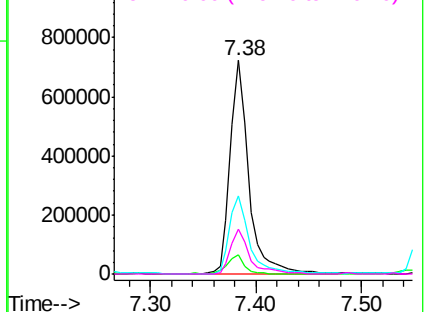
Abundance

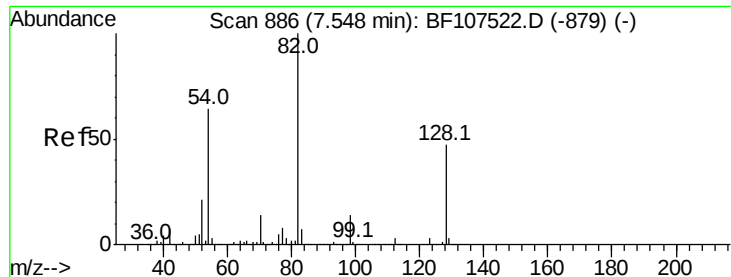
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.356 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

ClientSampleId :

SB1-12-0MS

Tot Ion: 82 Resp: 1163295

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

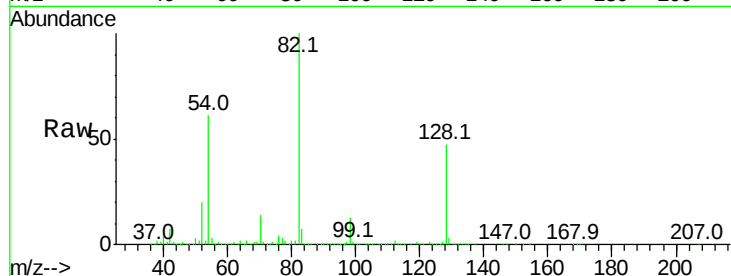
54 61.2 41.4 62.2

Manual Integrations

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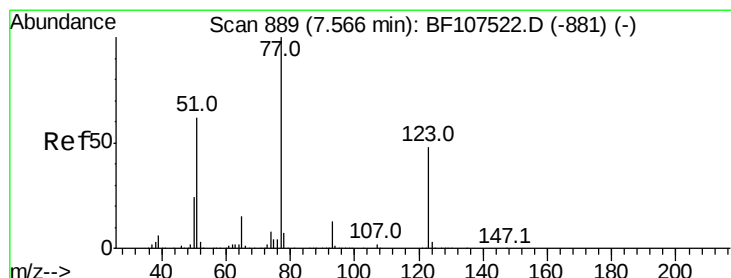
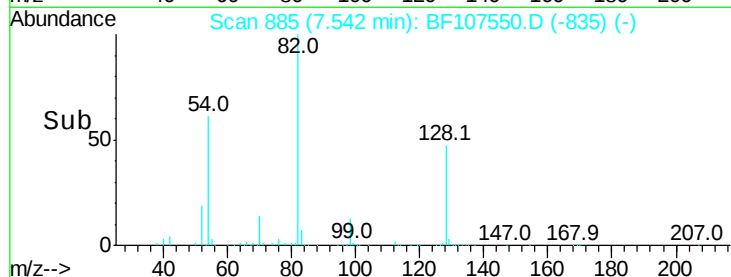
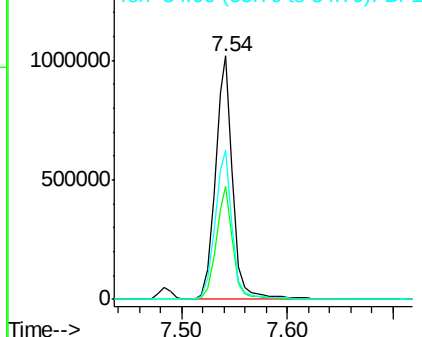
7/23/2018 12:44:51 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 37.337 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

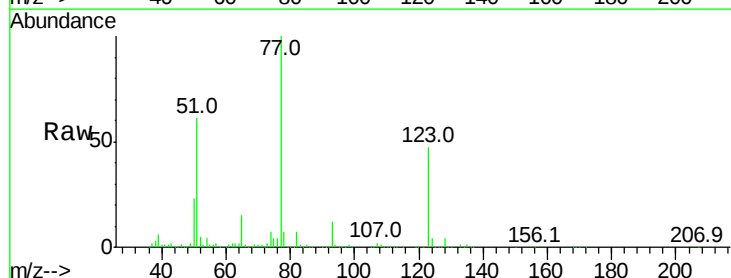
Tgt Ion: 77 Resp: 634901

Ion Ratio Lower Upper

77 100

123 47.3 37.9 56.9

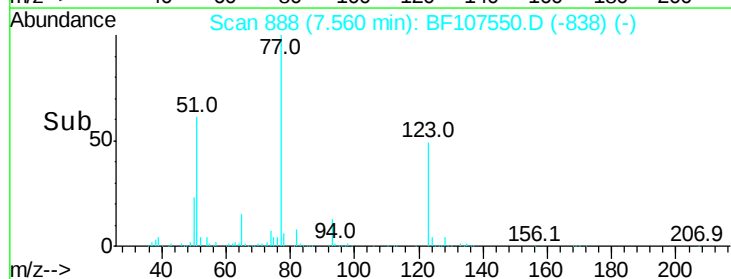
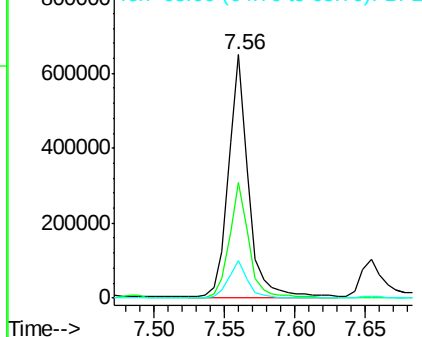
65 15.2 11.0 16.4

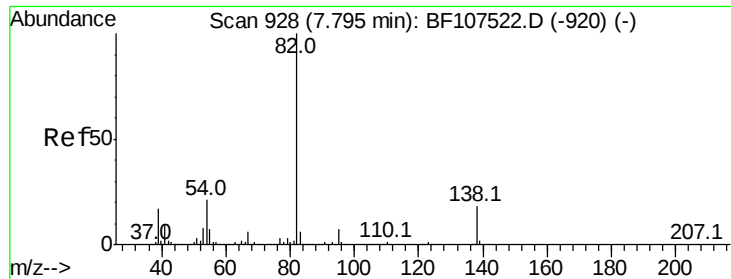


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





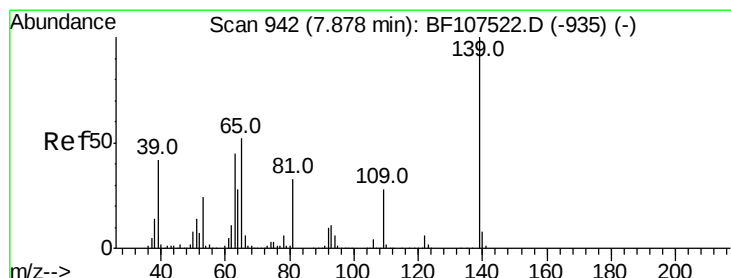
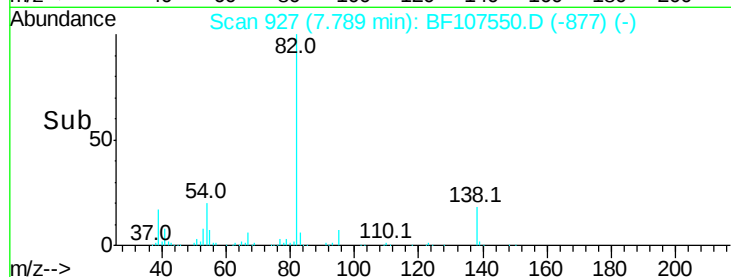
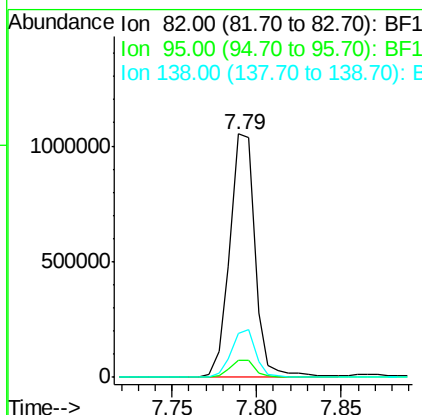
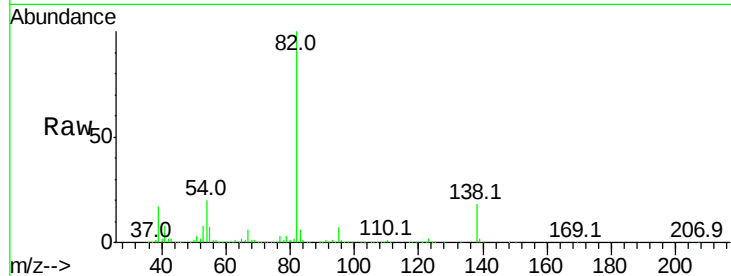
#25  
Isophorone  
Concen: 34.739 ng  
RT: 7.79 min Scan# 927  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

Tot Ion: 82 Resp: 1101197  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.2 7.8  
138 18.0 14.9 22.3

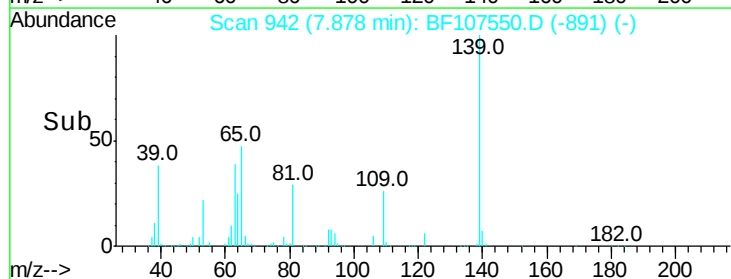
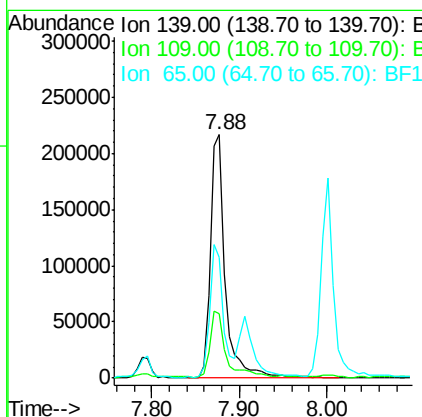
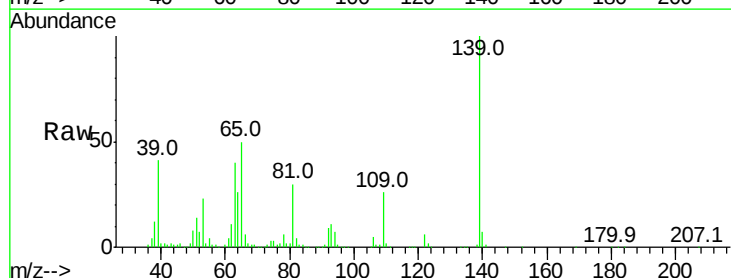
Manual Integrations  
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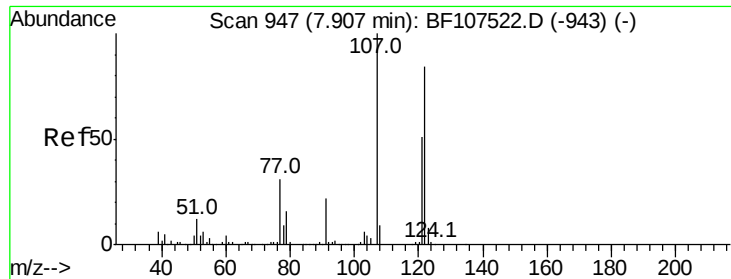
Sohil  
7/23/2018 12:44:51 PM



#26  
2-Nitrophenol  
Concen: 35.824 ng  
RT: 7.88 min Scan# 942  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Tgt Ion: 139 Resp: 257248  
Ion Ratio Lower Upper  
139 100  
109 26.3 22.7 34.1  
65 49.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.101 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

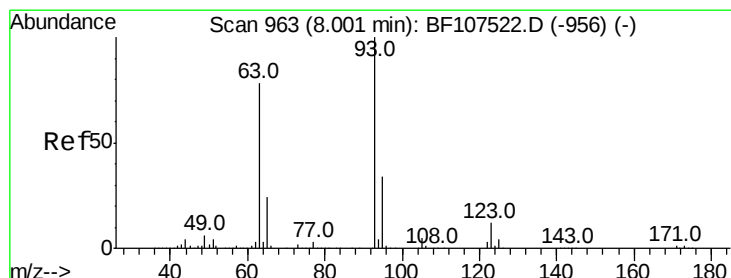
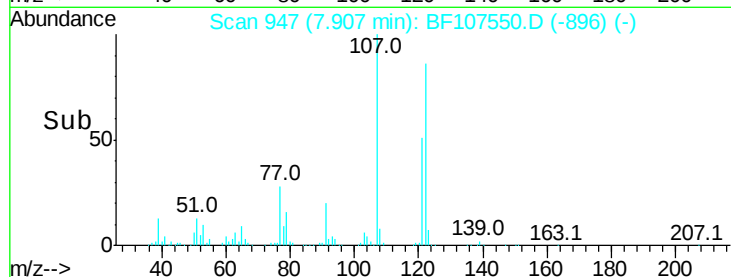
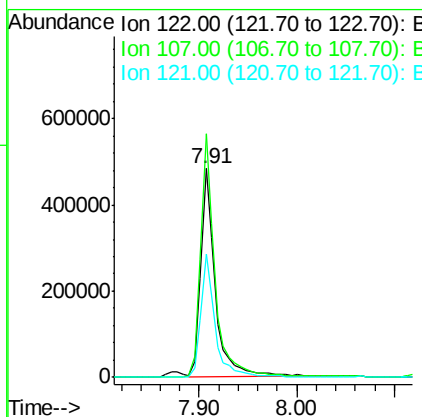
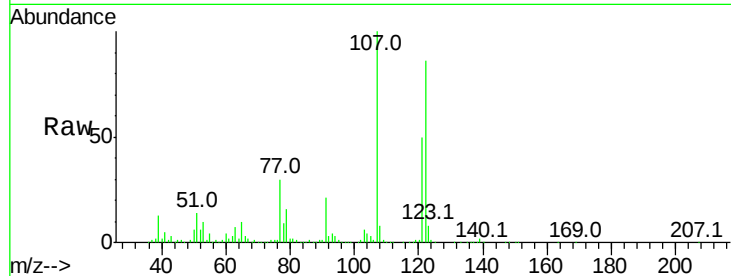
ClientSampleId :

SB1-12-0MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 504295 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 116.8 | 91.2  | 136.8  |
| 121       | 59.0  | 47.2  | 70.8   |

Manual Integrations  
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7/23/2018 12:44:51 PM



#28

bis(2-Chloroethoxy)methane

Concen: 35.096 ng

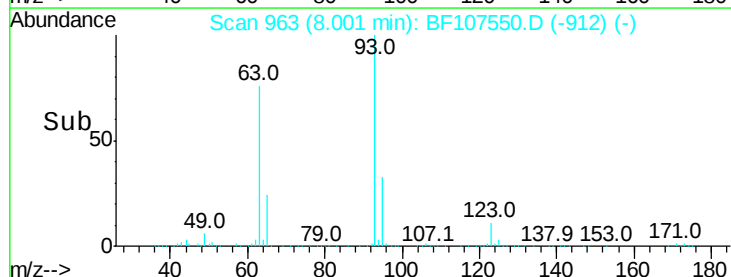
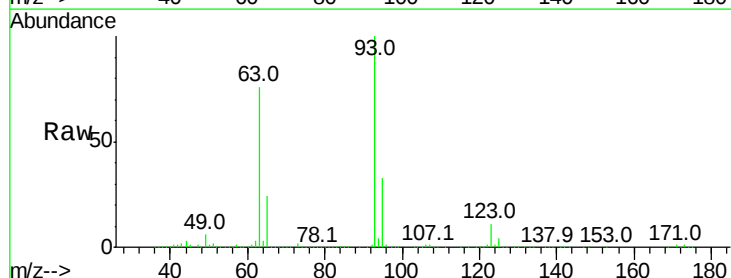
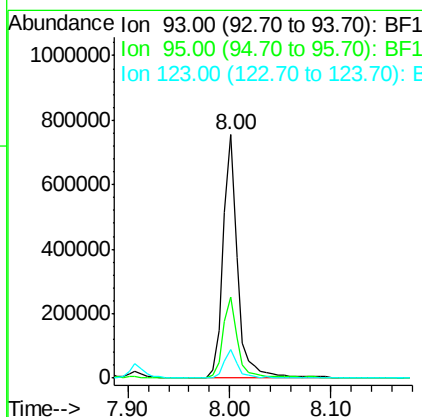
RT: 8.00 min Scan# 963

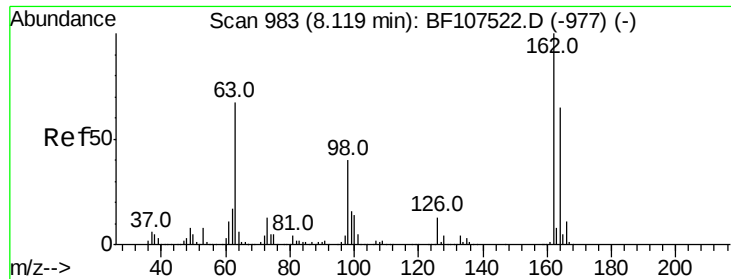
Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 743477 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.1  | 26.3  | 39.5   |
| 123       | 11.5  | 9.8   | 14.6   |





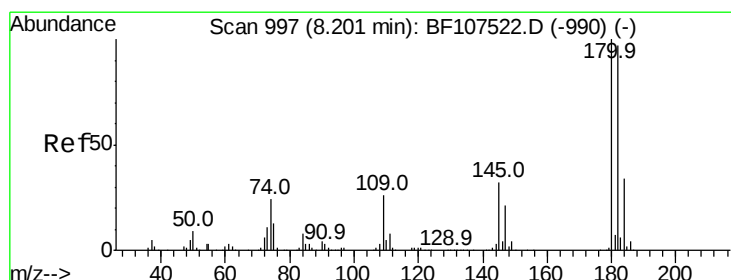
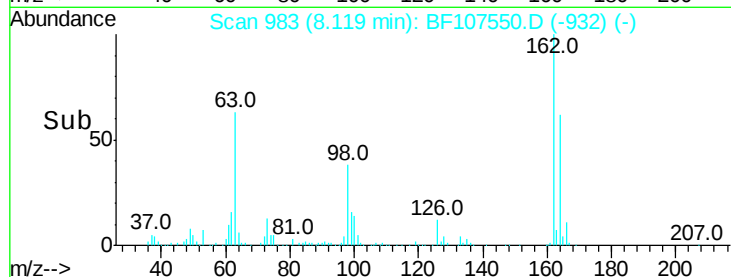
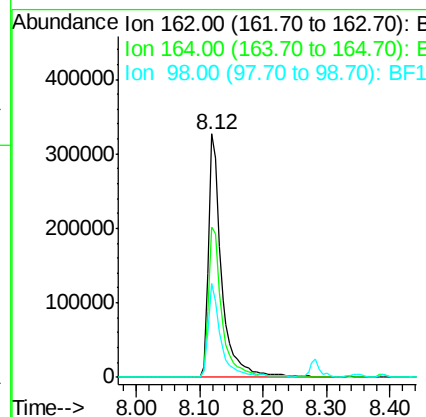
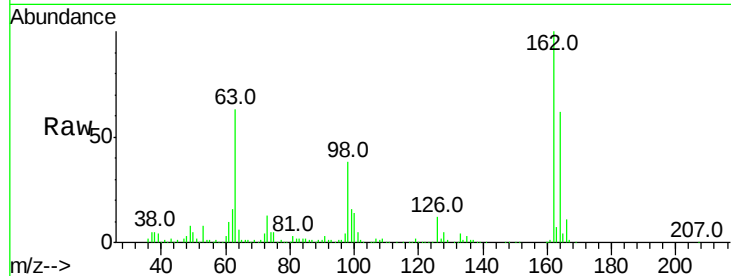
#29  
2,4-Dichlorophenol  
Concen: 33.951 ng  
RT: 8.12 min Scan# 983  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampled :  
SB1-12-0MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 471683 |       |       |
| 164     | 61.5  | 42.7   | 82.7  |       |
| 98      | 38.3  | 18.1   | 58.1  |       |

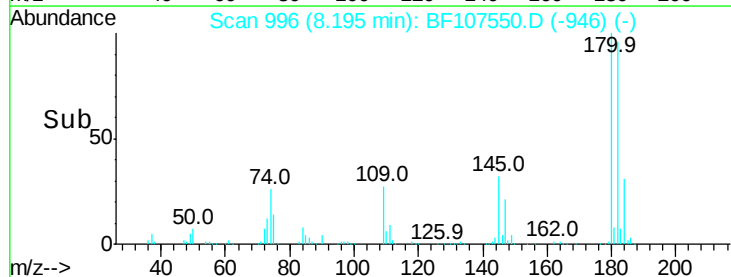
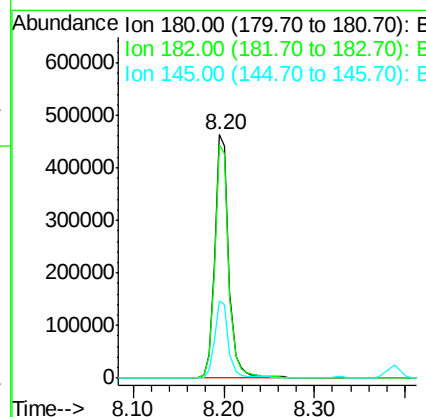
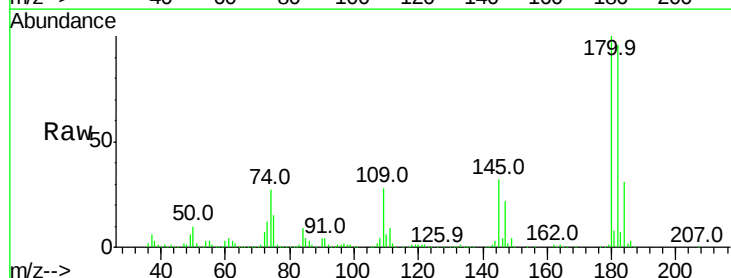
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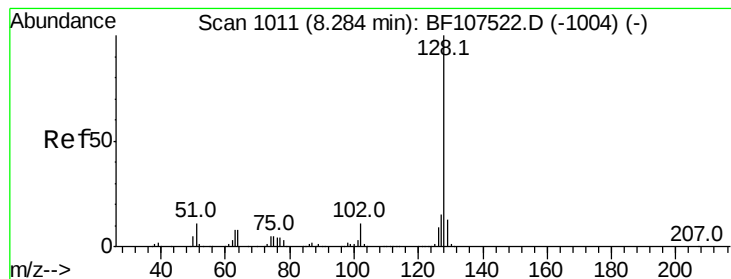
Sohil  
7/23/2018 12:44:51 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 32.394 ng  
RT: 8.20 min Scan# 996  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 505473 |       |       |
| 182     | 95.9  | 76.8   | 115.2 |       |
| 145     | 31.7  | 26.5   | 39.7  |       |





#31

Naphthalene

Concen: 38.432 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

ClientSampleId :

SB1-12-0MS

Tot Ion:128 Resp: 1693270

Ion Ratio Lower Upper

128 100

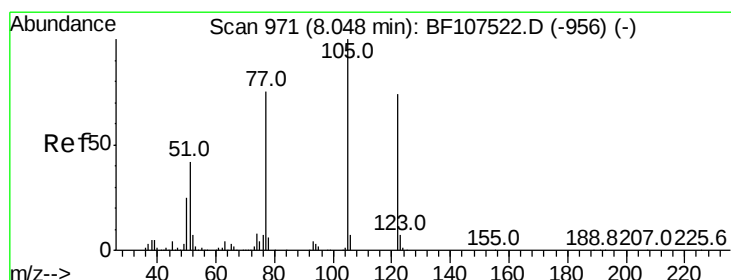
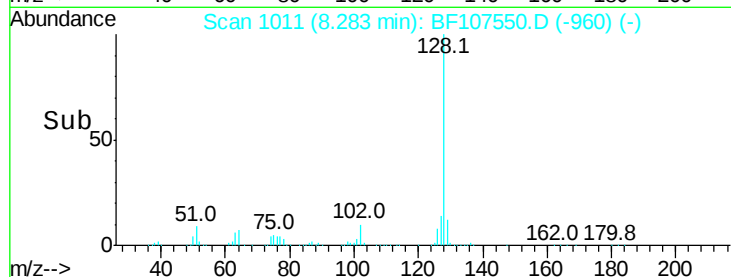
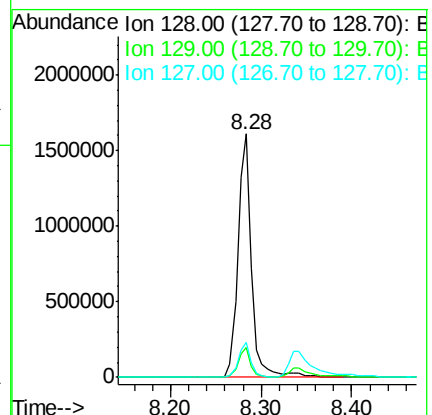
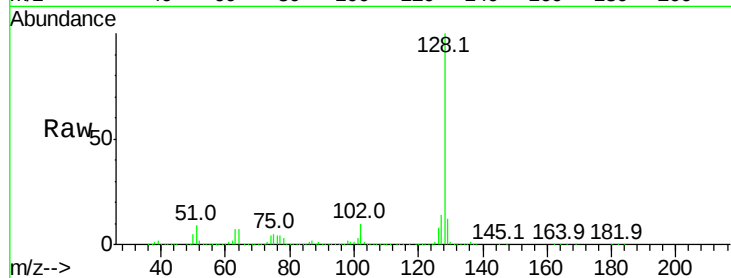
129 12.2 8.8 13.2

127 14.2 10.9 16.3

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#32

Benzoic acid

Concen: 8.666 ng m

RT: 8.02 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

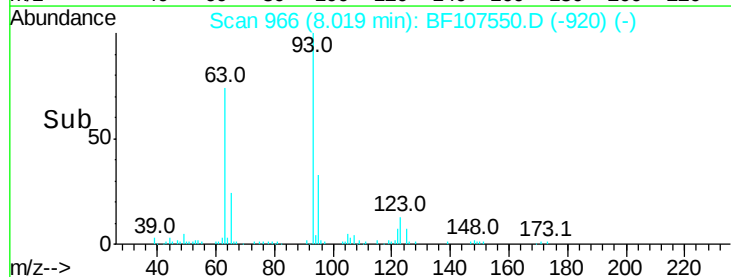
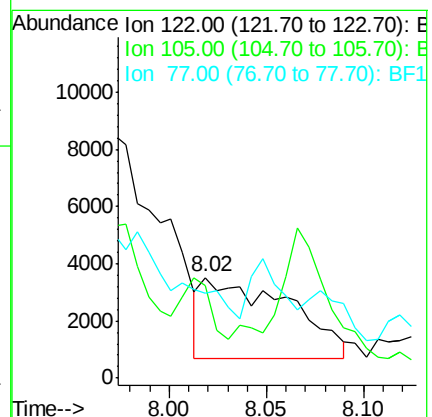
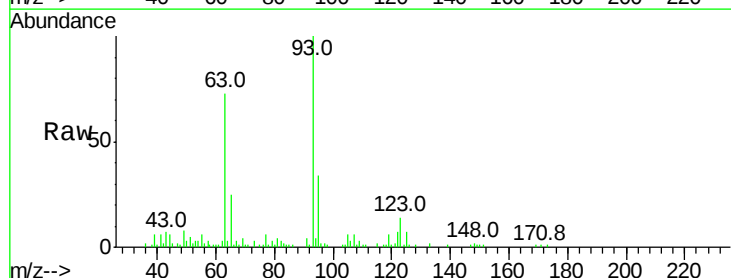
Tgt Ion:122 Resp: 8704

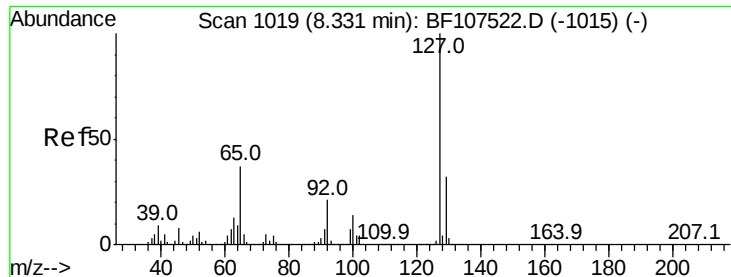
Ion Ratio Lower Upper

122 100

105 92.3 101.1 141.1#

77 84.5 70.7 110.7





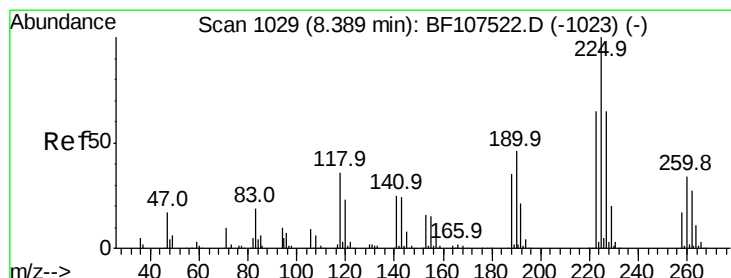
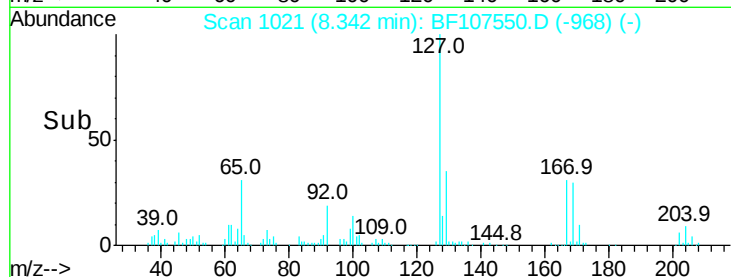
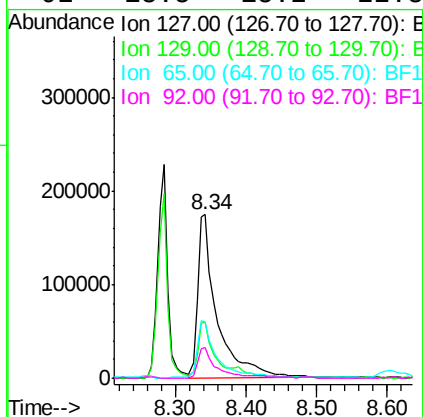
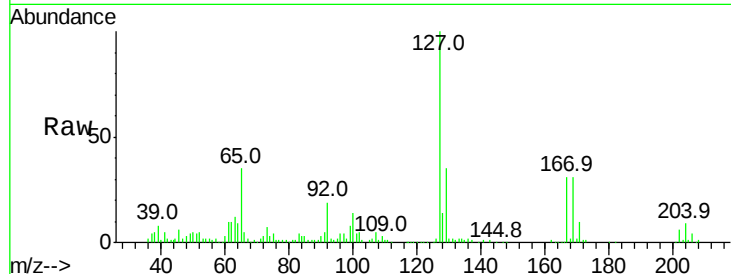
#33  
4-Chloroaniline  
Concen: 17.512 ng  
RT: 8.34 min Scan# 1021  
Delta R.T. 0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 34.9  | 25.9 | 38.9  |       |
| 65      | 34.7  | 25.0 | 37.4  |       |
| 92      | 18.5  | 15.2 | 22.8  |       |

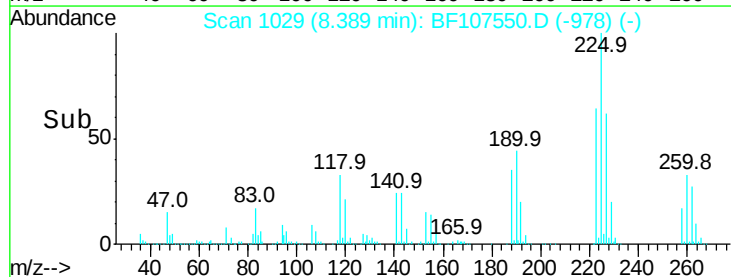
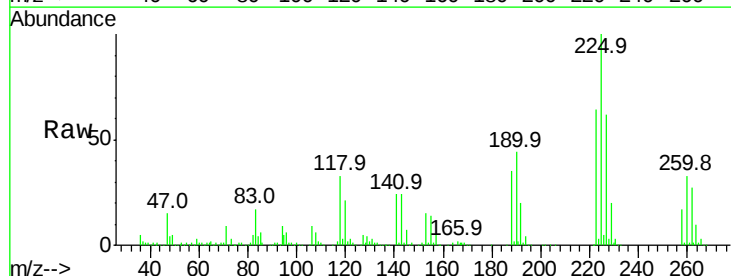
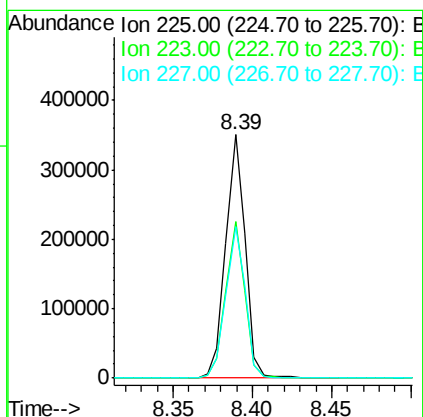
Manual Integrations  
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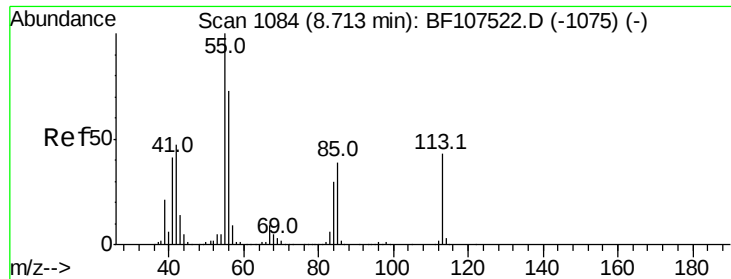
Sohil  
7/23/2018 12:44:51 PM



#34  
Hexachlorobutadiene  
Concen: 32.278 ng  
RT: 8.39 min Scan# 1029  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 64.2  | 50.6 | 76.0  |       |
| 227     | 62.4  | 51.9 | 77.9  |       |





#35

Caprolactam

Concen: 29.856 ng

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

ClientSampleId :

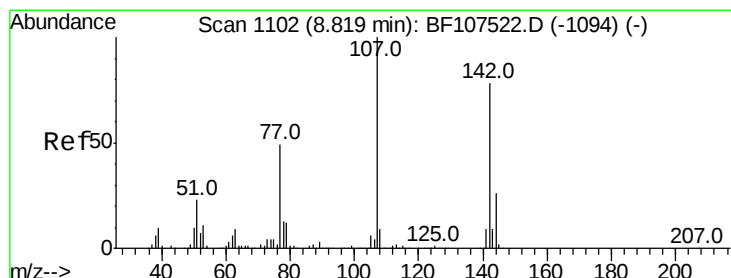
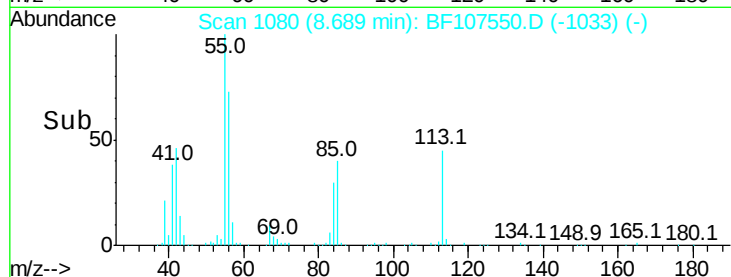
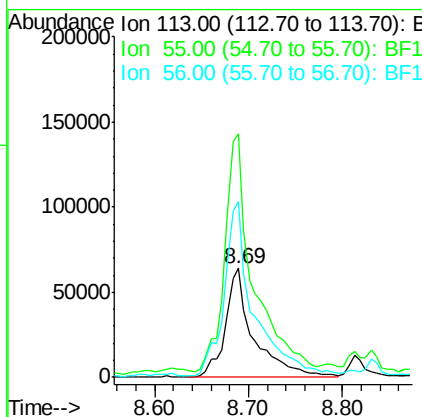
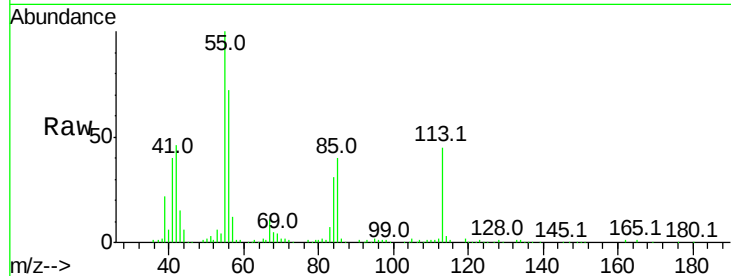
SB1-12-0MS

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 113     | 100   |       |        |       |
| 55      | 223.7 | 163.3 | 203.3# |       |
| 56      | 161.7 | 115.7 | 155.7# |       |

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 29.047 ng

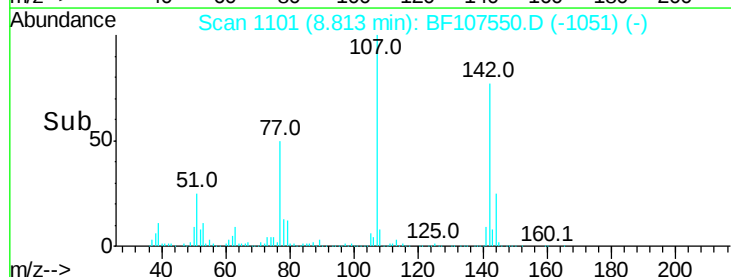
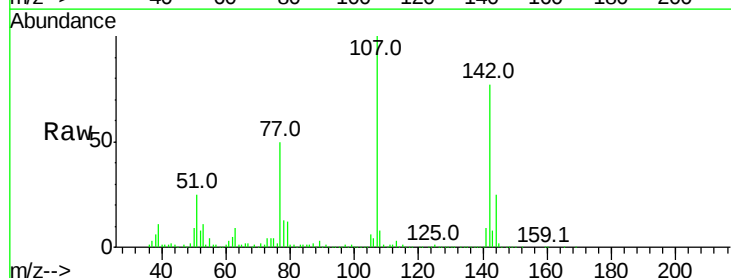
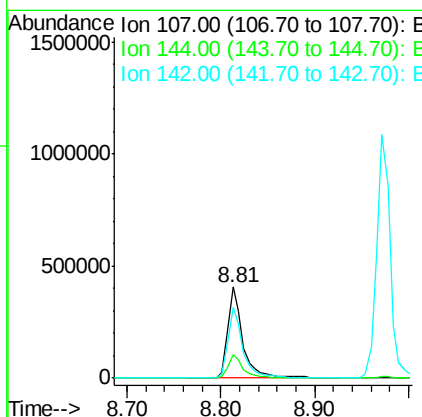
RT: 8.81 min Scan# 1101

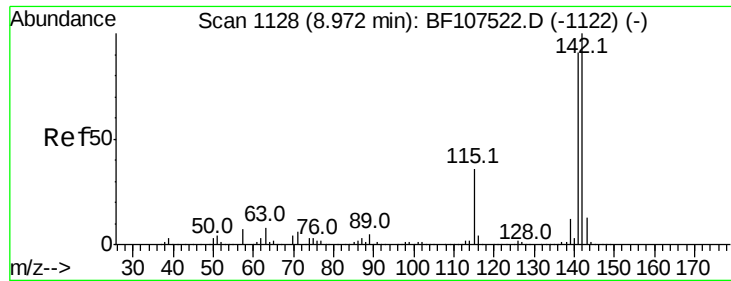
Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 144     | 25.3  | 20.5 | 30.7  |       |
| 142     | 77.0  | 62.0 | 93.0  |       |





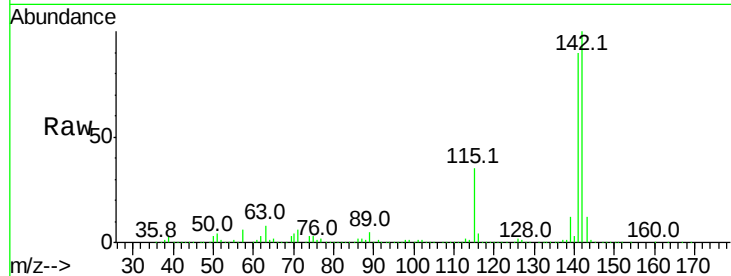
#37  
2-Methylnaphthalene  
Concen: 35.592 ng  
RT: 8.97 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.8  | 70.8  | 106.2 |
| 115     | 34.7  | 26.1  | 39.1  |

Manual Integrations  
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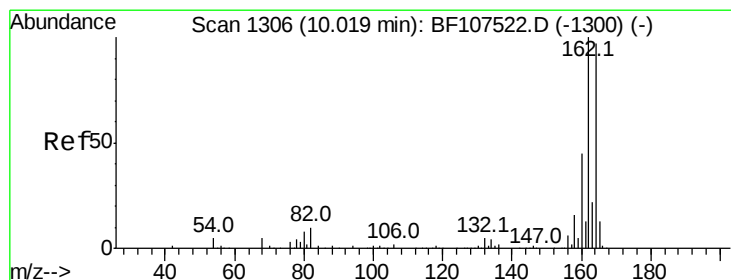
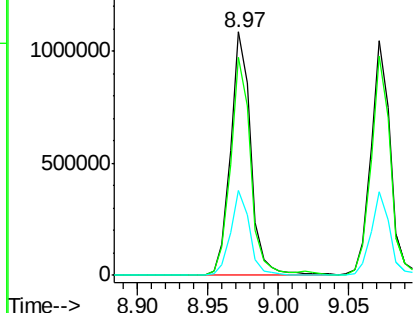
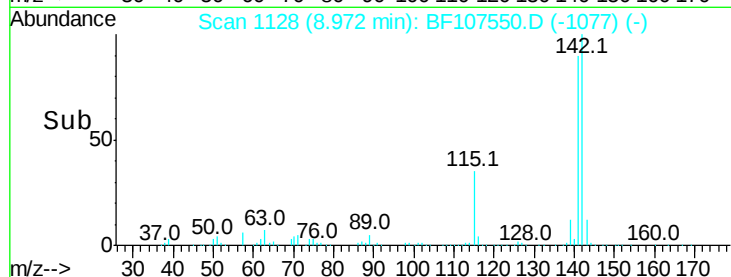


Abundance

Ion 142.00 (141.70 to 142.70): E

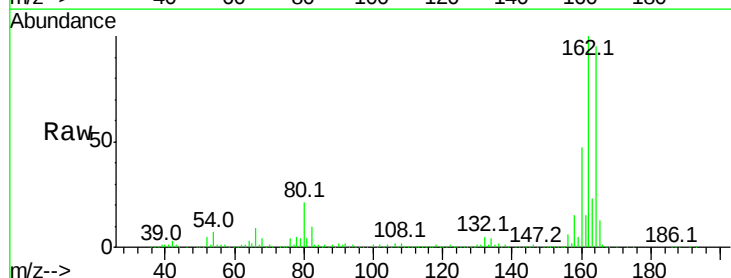
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.02 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.1 | 86.1  | 129.1 |
| 160     | 49.1  | 38.3  | 57.5  |

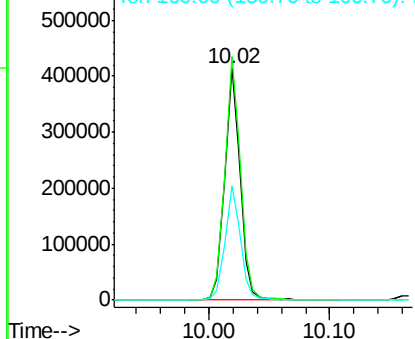
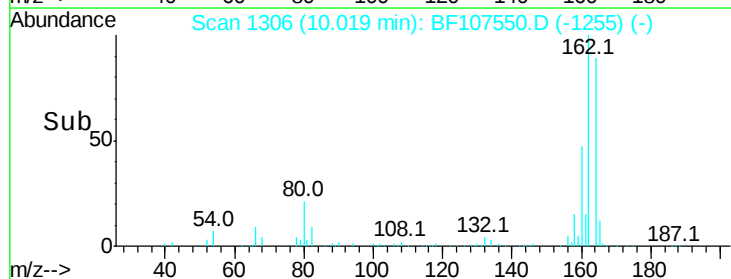


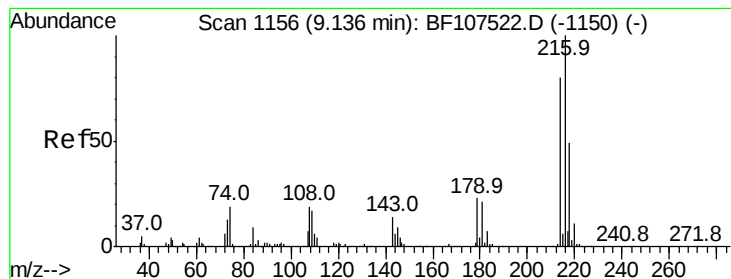
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.771 ng

RT: 9.14 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

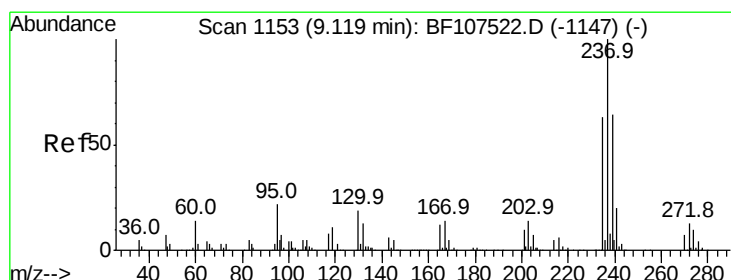
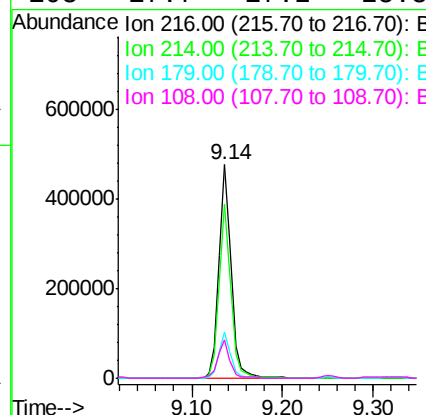
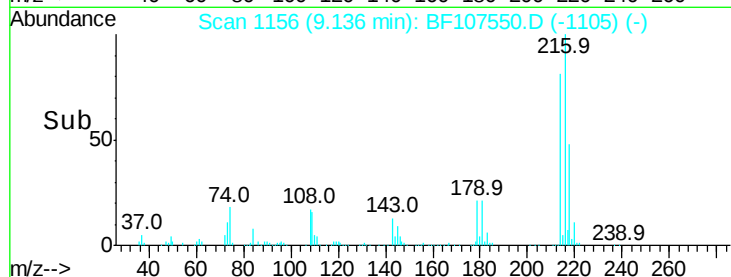
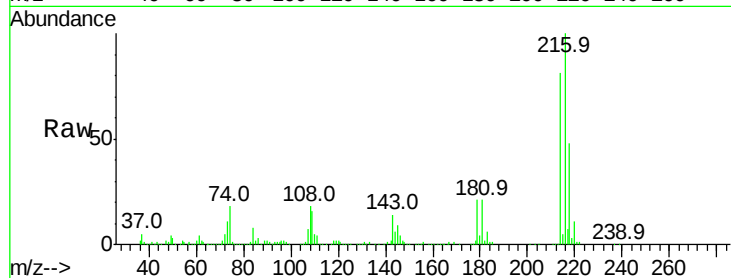
ClientSampleId :

SB1-12-0MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 451650 |       |       |
| 214     | 79.0  | 63.0   | 94.4  |       |
| 179     | 21.1  | 18.1   | 27.1  |       |
| 108     | 17.7  | 17.2   | 25.8  |       |

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#40

Hexachlorocyclopentadiene

Concen: 10.368 ng

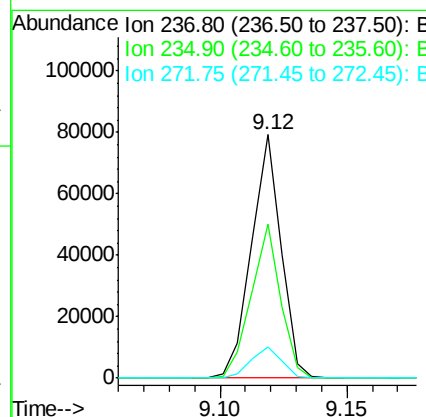
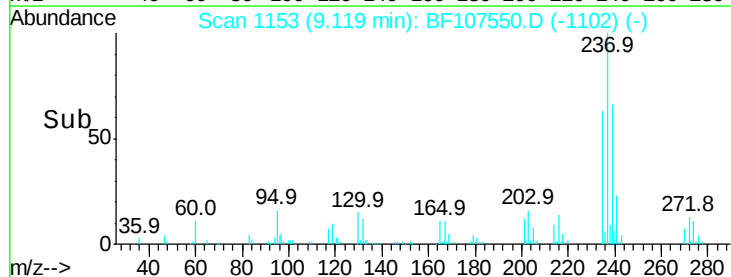
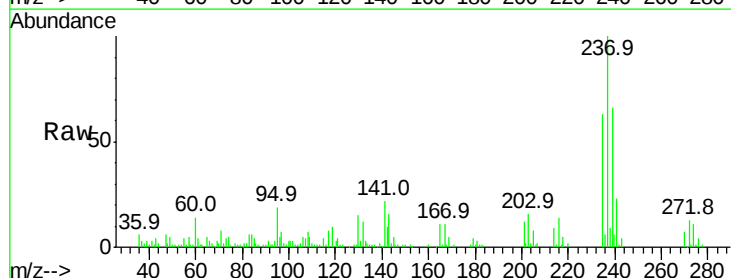
RT: 9.12 min Scan# 1153

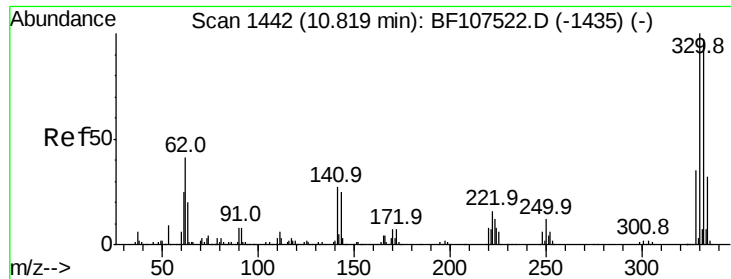
Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 64733 |       |       |
| 235     | 63.4  | 44.8  | 84.8  |       |
| 272     | 12.9  | 0.0   | 33.3  |       |





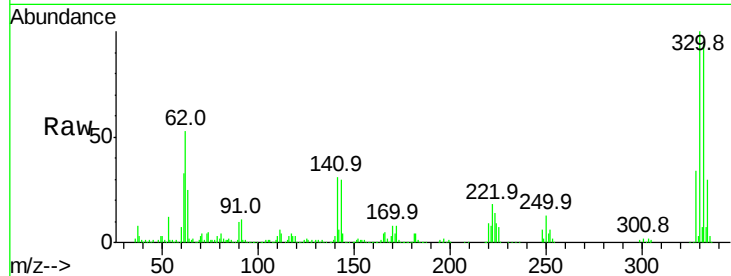
#41  
 2,4,6-Tribromophenol  
 Concen: 98.357 ng  
 RT: 10.81 min Scan# 1441  
 Delta R.T. -0.01 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB1-12-0MS

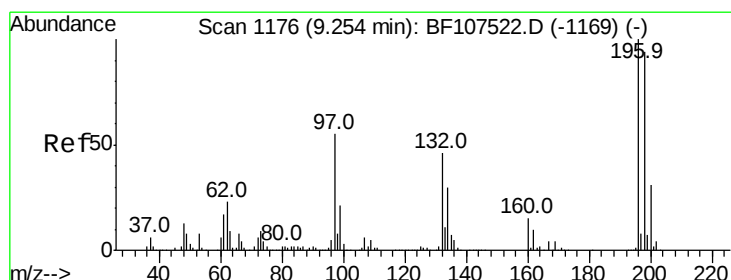
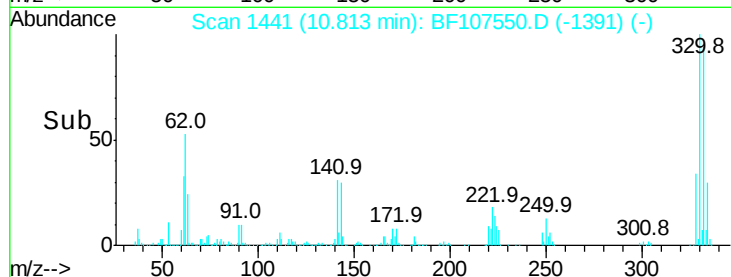
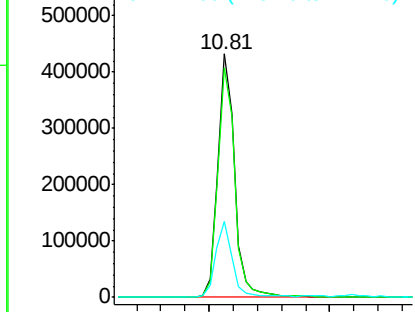
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 96.4  | 77.0 | 115.6 |       |
| 141     | 30.6  | 29.9 | 44.9  |       |

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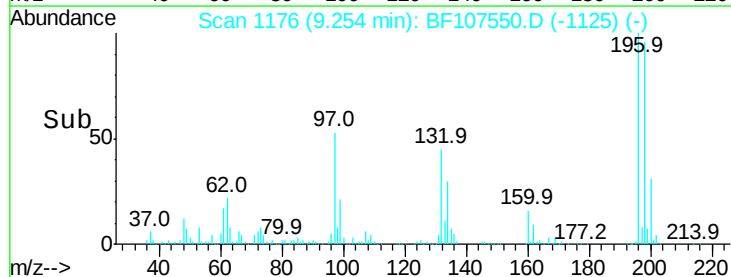
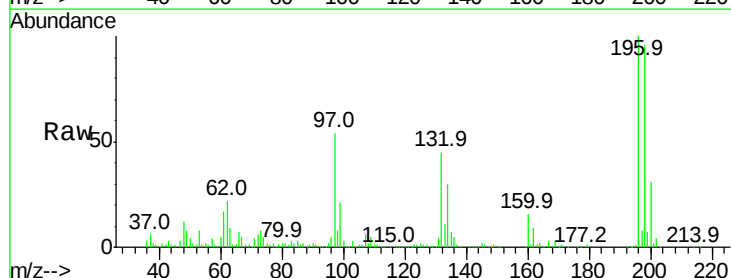
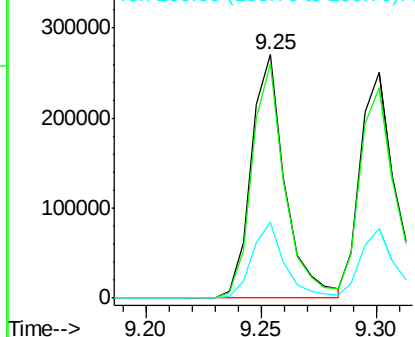
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

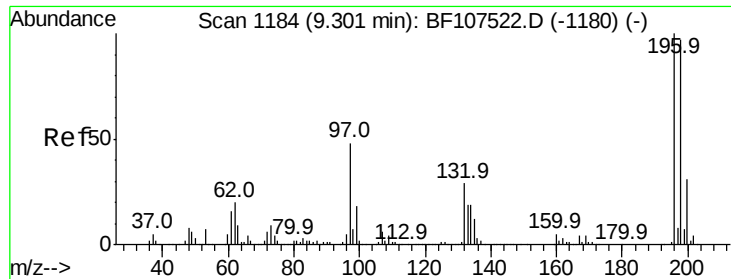


#42  
 2,4,6-Trichlorophenol  
 Concen: 35.277 ng  
 RT: 9.25 min Scan# 1176  
 Delta R.T. -0.00 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 96.4  | 75.7 | 113.5 |       |
| 200     | 31.0  | 24.5 | 36.7  |       |

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





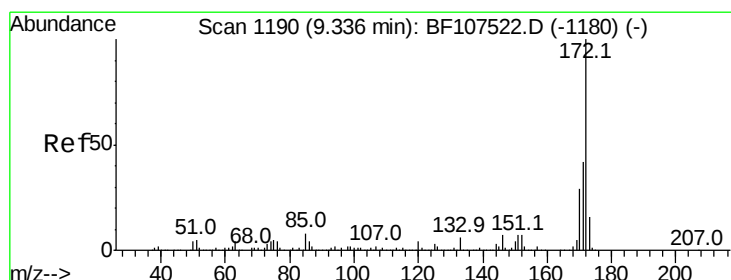
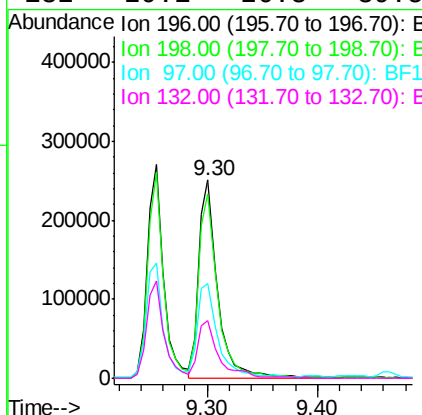
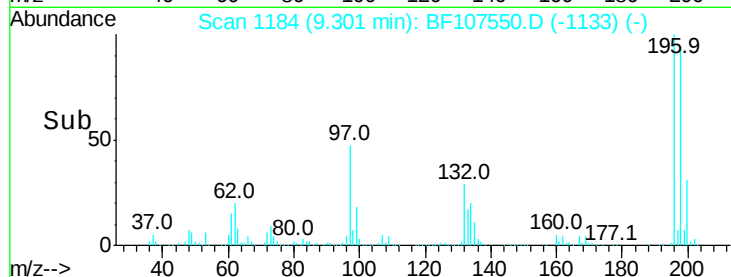
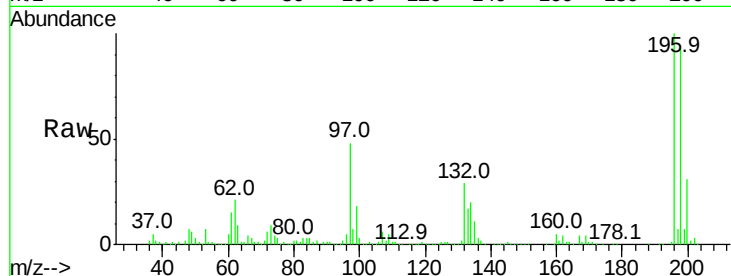
#43  
 2,4,5-Trichlorophenol  
 Concen: 34.719 ng  
 RT: 9.30 min Scan# 1184  
 Delta R.T. -0.00 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB1-12-0MS

| Tot Ion   | 196   | Resp  | 285282 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 93.4  | 74.6  | 112.0  |
| 97        | 47.6  | 42.9  | 64.3   |
| 132       | 29.1  | 26.3  | 39.5   |

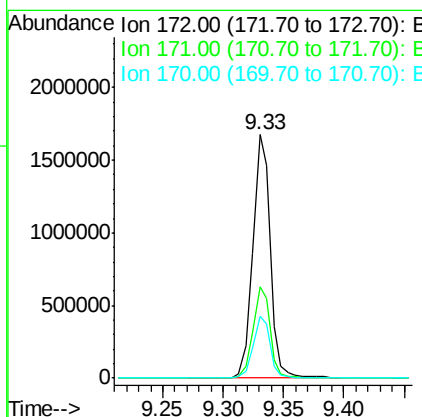
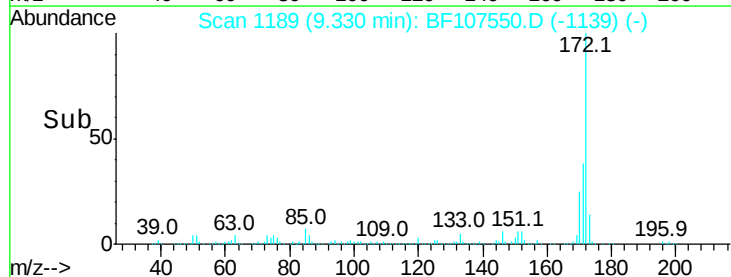
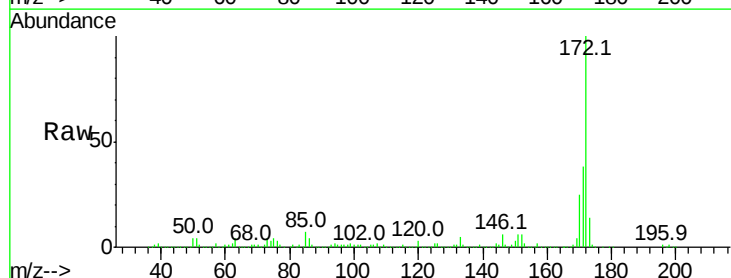
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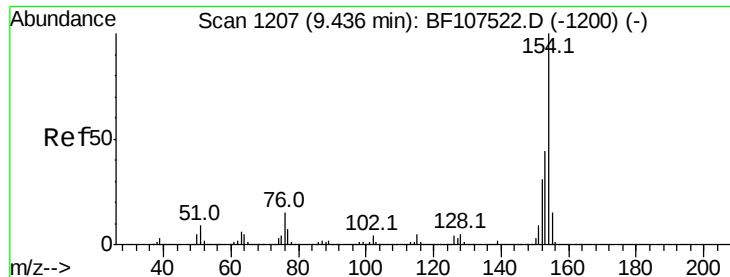
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#44  
 2-Fluorobiphenyl  
 Concen: 77.050 ng  
 RT: 9.33 min Scan# 1189  
 Delta R.T. -0.01 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

| Tgt Ion   | 172   | Resp  | 1700096 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 37.7  | 29.7  | 44.5    |
| 170       | 25.4  | 19.6  | 29.4    |





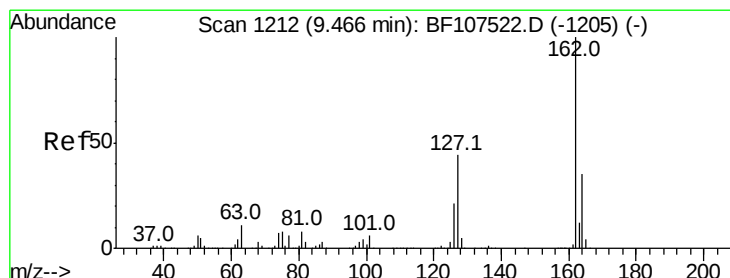
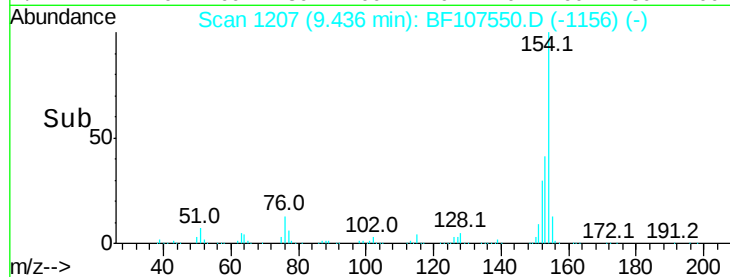
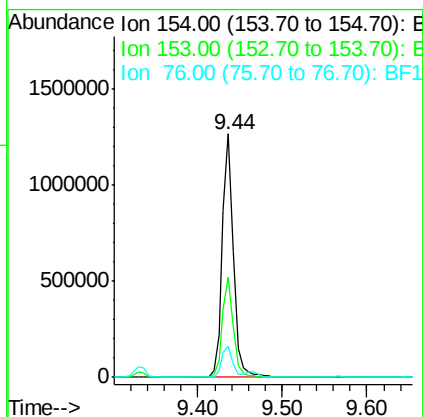
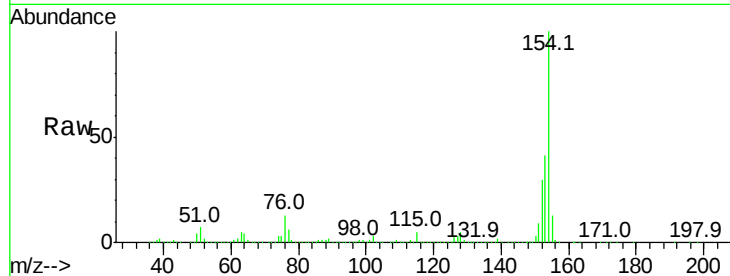
#45  
 1,1'-Biphenyl  
 Concen: 36.953 ng  
 RT: 9.44 min Scan# 1207  
 Delta R.T. -0.00 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.0  | 21.3  | 61.3  |
| 76      | 13.0  | 0.0   | 34.0  |

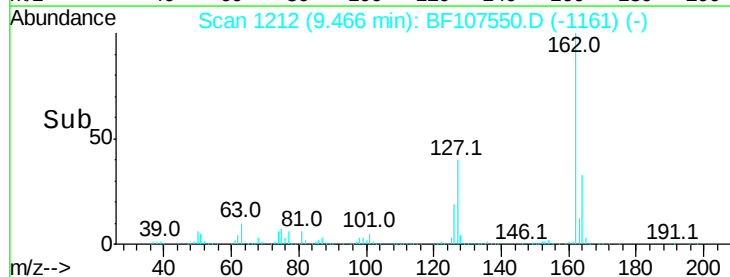
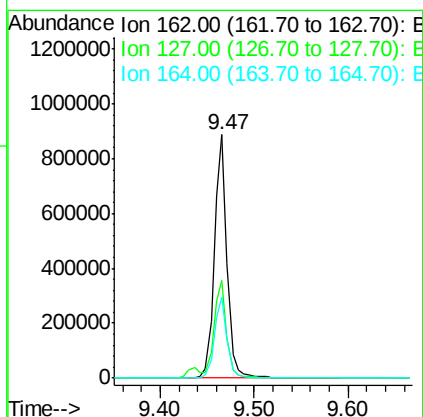
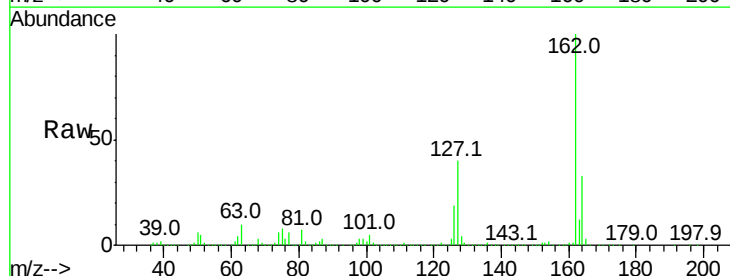
Manual Integrations  
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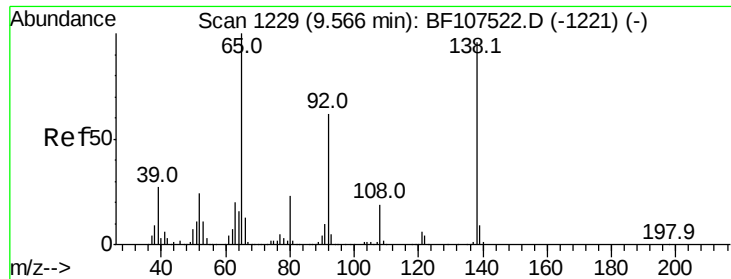
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#46  
 2-Chloronaphthalene  
 Concen: 34.600 ng  
 RT: 9.47 min Scan# 1212  
 Delta R.T. -0.00 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.1  | 33.9  | 50.9  |
| 164     | 33.2  | 26.5  | 39.7  |





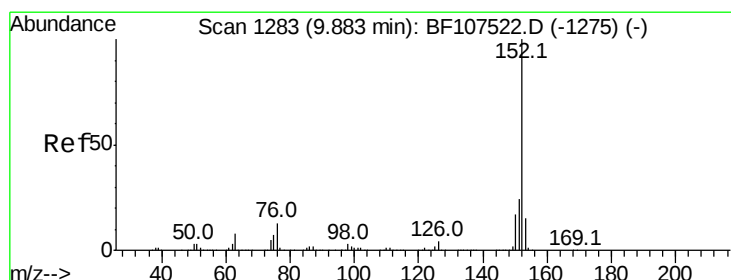
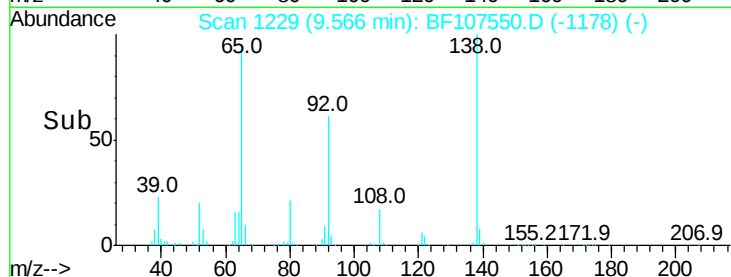
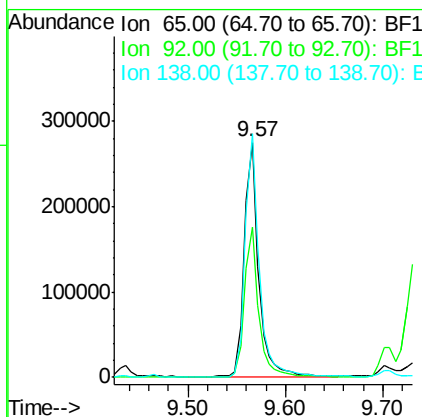
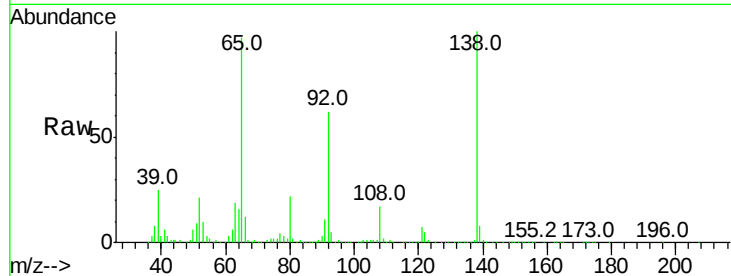
#47  
2-Nitroaniline  
Concen: 39.955 ng  
RT: 9.57 min Scan# 1229  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 285616 |       |       |
| 92      | 63.8  |        | 55.8  | 83.6  |
| 138     | 103.6 |        | 91.2  | 136.8 |

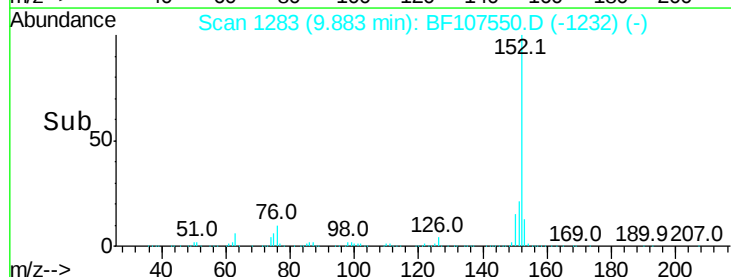
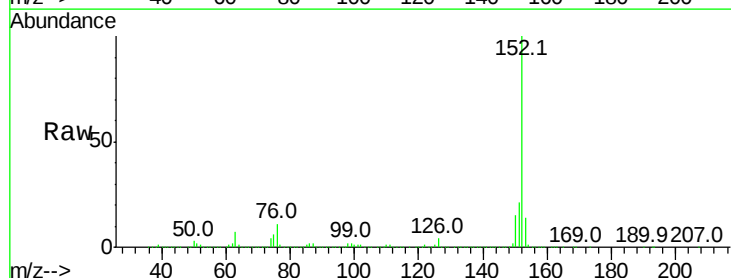
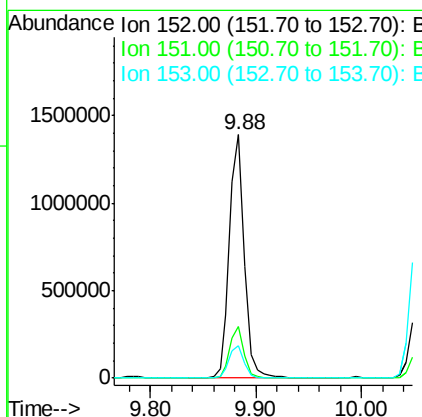
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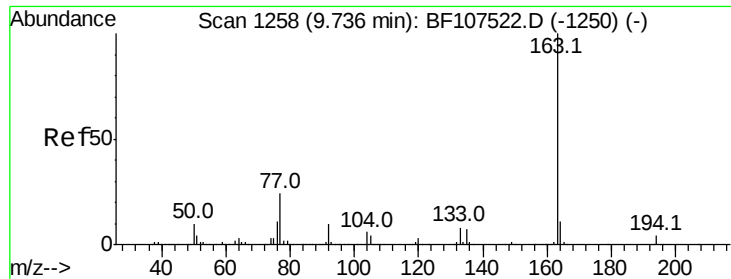
Sohil  
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#48  
Acenaphthylene  
Concen: 36.767 ng  
RT: 9.88 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 152     | 100   | 1354274 |       |       |
| 151     | 21.3  |         | 16.3  | 24.5  |
| 153     | 13.6  |         | 10.7  | 16.1  |





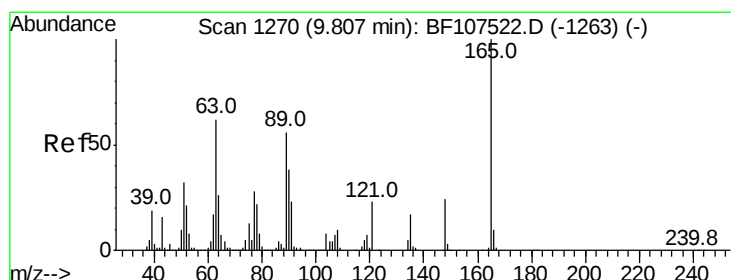
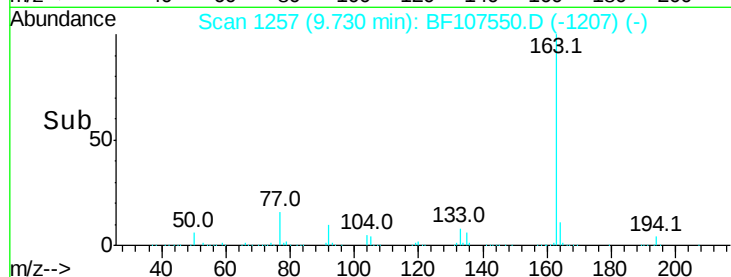
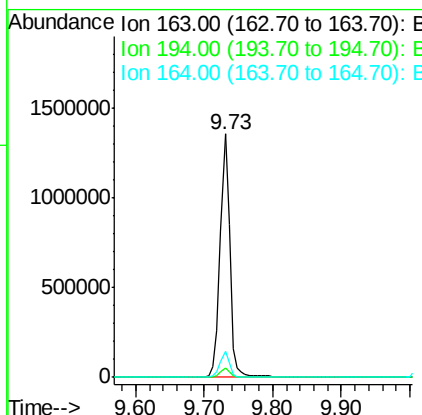
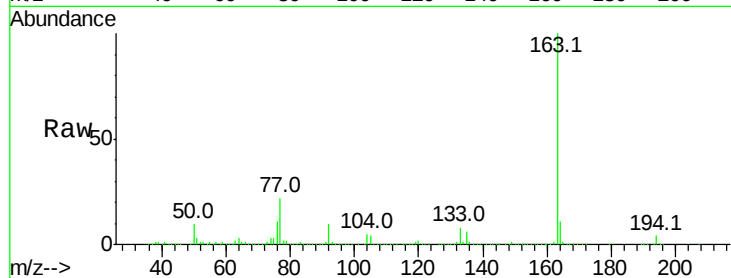
#49  
Dimethylphthalate  
Concen: 46.888 ng  
RT: 9.73 min Scan# 1257  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

Tot Ion:163 Resp: 1301318  
Ion Ratio Lower Upper  
163 100  
194 3.9 2.7 4.1  
164 10.7 8.2 12.2

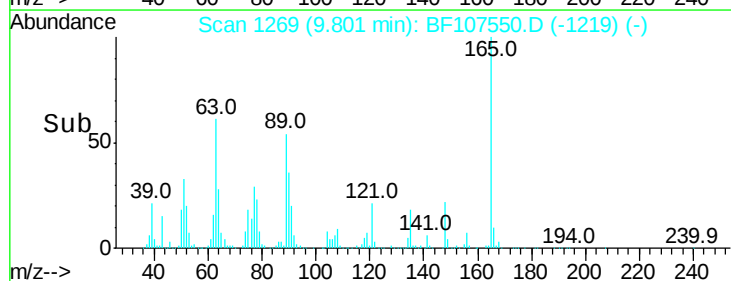
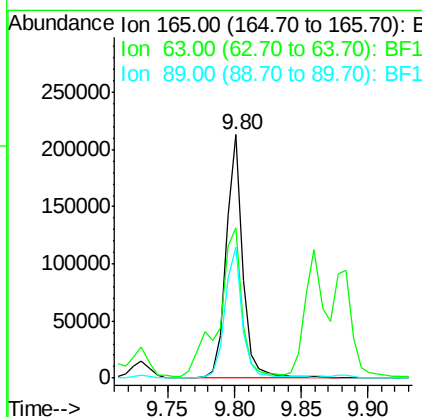
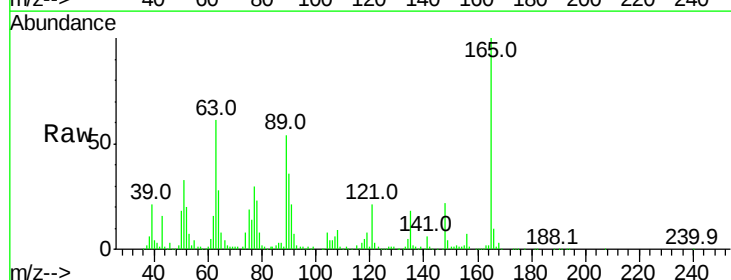
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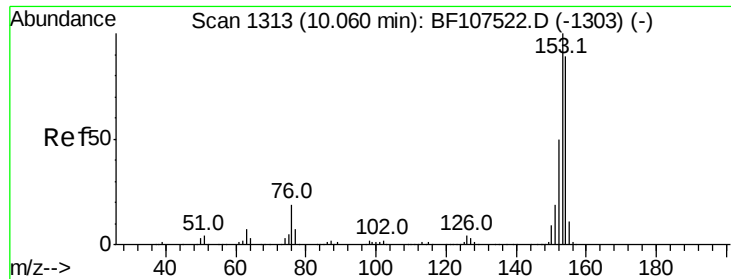
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#50  
2,6-Dinitrotoluene  
Concen: 33.725 ng  
RT: 9.80 min Scan# 1269  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Tgt Ion:165 Resp: 185832  
Ion Ratio Lower Upper  
165 100  
63 61.4 44.7 67.1  
89 53.7 44.0 66.0





#51

Acenaphthene

Concen: 33.206 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

ClientSampleId :

SB1-12-0MS

Tot Ion:154 Resp: 766359

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

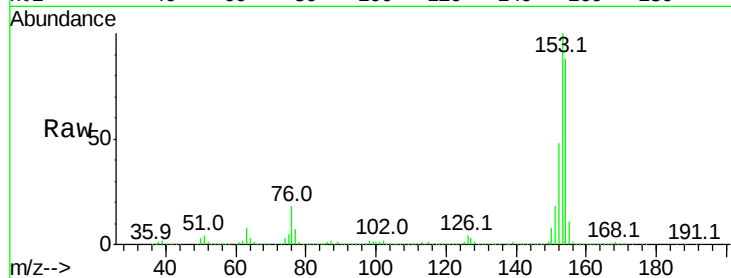
152 54.8 43.8 65.8

Manual Integrations

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Sohil

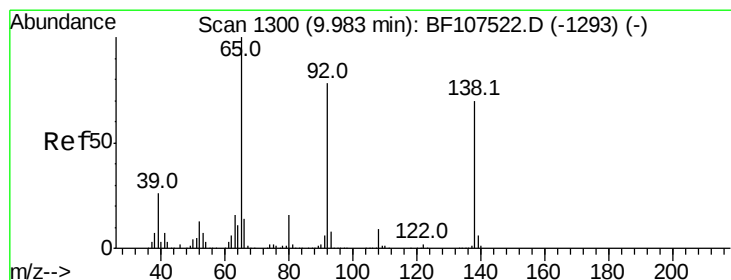
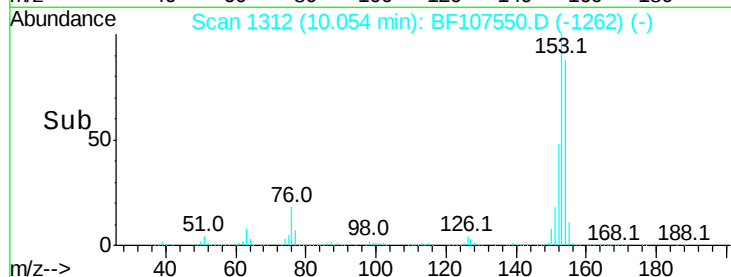
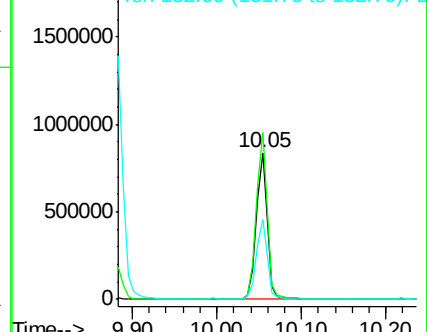
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.284 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

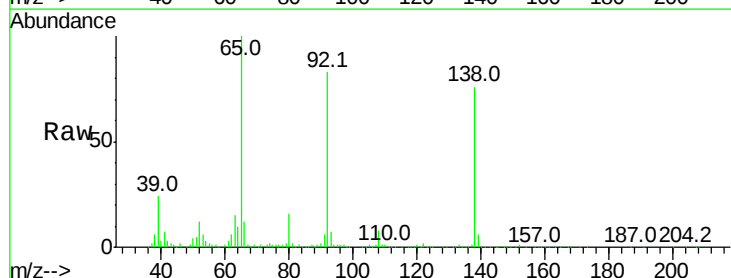
Tgt Ion:138 Resp: 203010

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

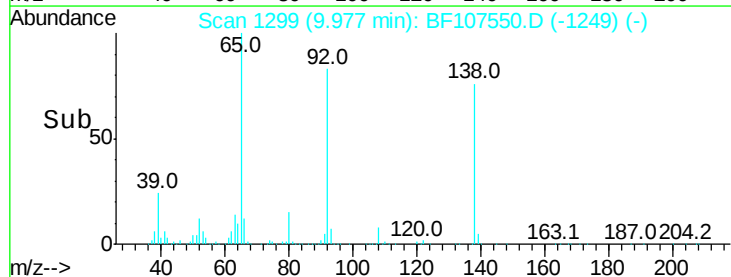
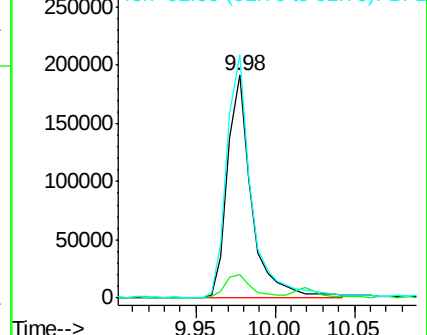
92 109.2 89.4 134.2

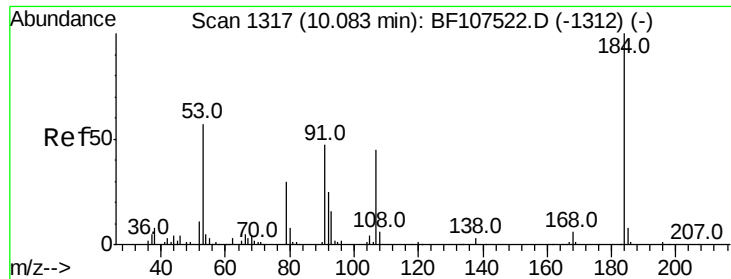


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





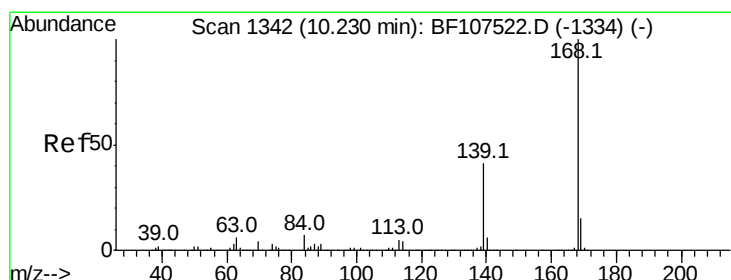
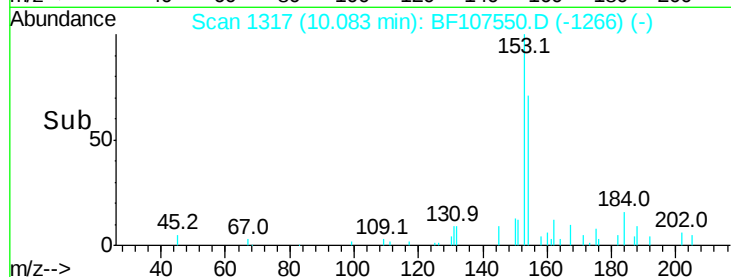
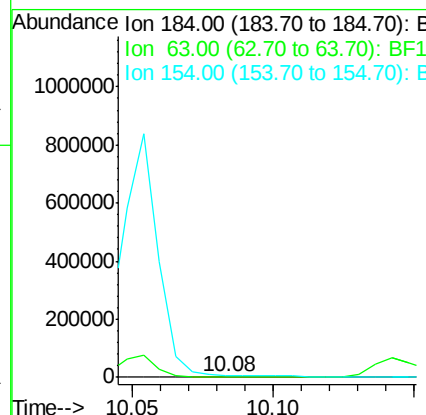
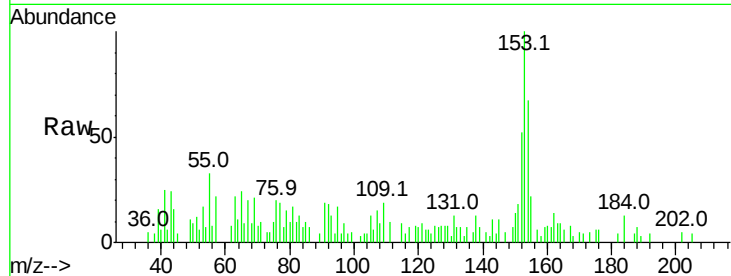
#53  
2,4-Dinitrophenol  
Concen: 9.164 ng  
RT: 10.08 min Scan# 1317  
Delta R.T. 0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 172.4 | 54.2  | 81.2#  |
| 154     | 521.3 | 184.0 | 276.0# |

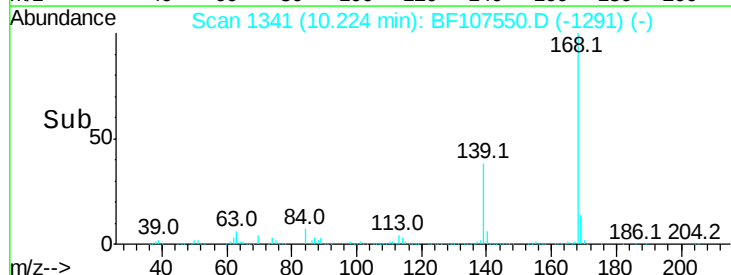
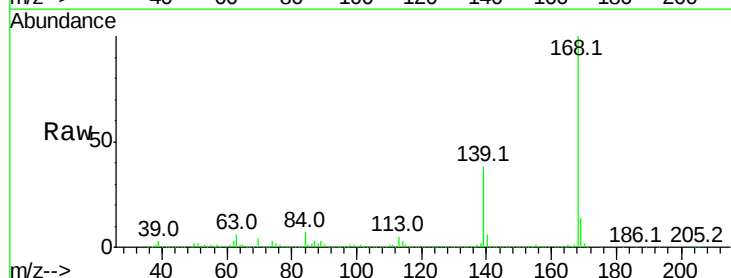
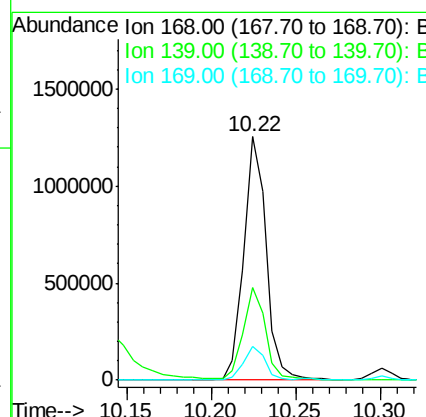
Manual Integrations  
APPROVED

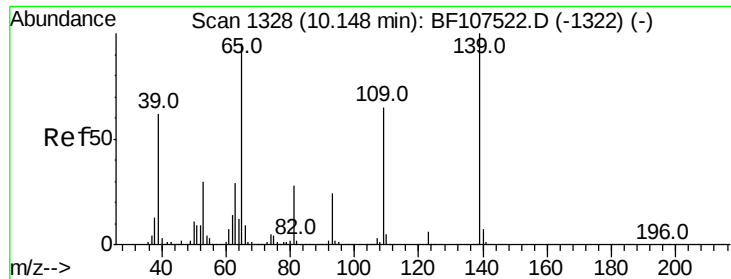
Sohil  
7/23/2018 12:44:51 PM



#54  
Dibenzofuran  
Concen: 34.156 ng  
RT: 10.22 min Scan# 1341  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.1  | 30.1  | 45.1  |
| 169     | 13.9  | 10.9  | 16.3  |





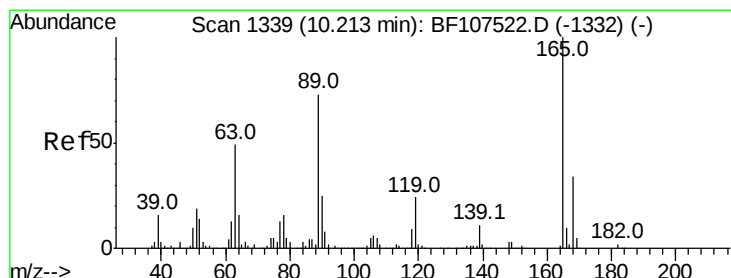
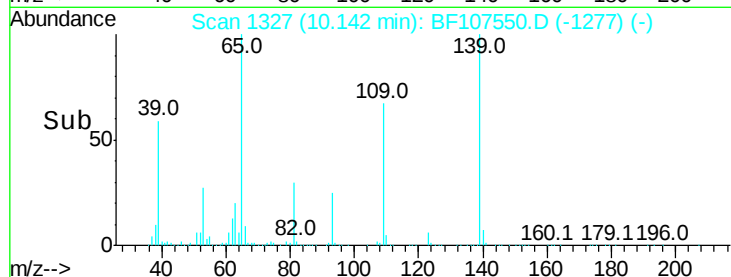
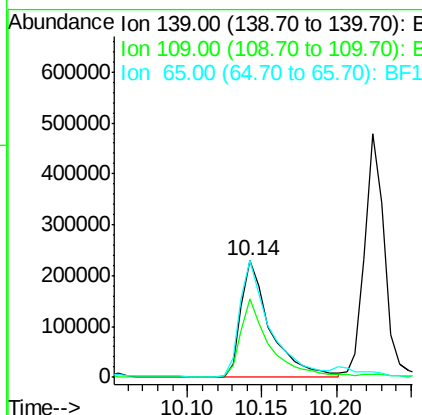
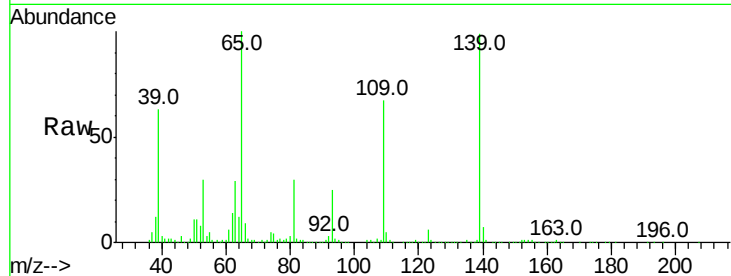
#55  
4-Nitrophenol  
Concen: 63.060 ng  
RT: 10.14 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampled :  
SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 67.6  | 48.4  | 88.4  |
| 65      | 100.6 | 72.6  | 112.6 |

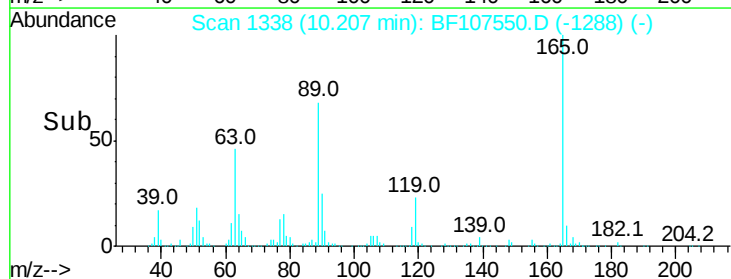
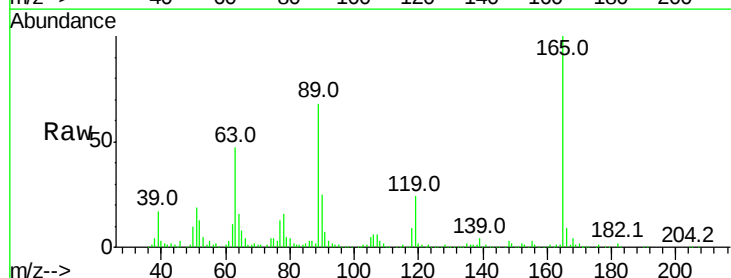
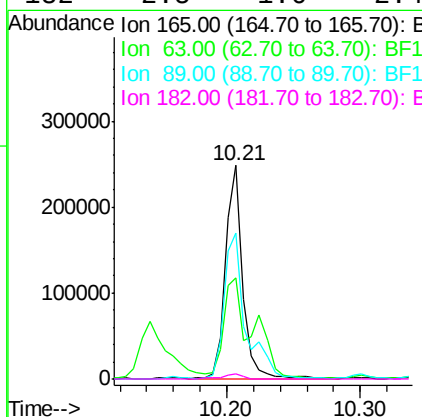
Manual Integrations  
APPROVED

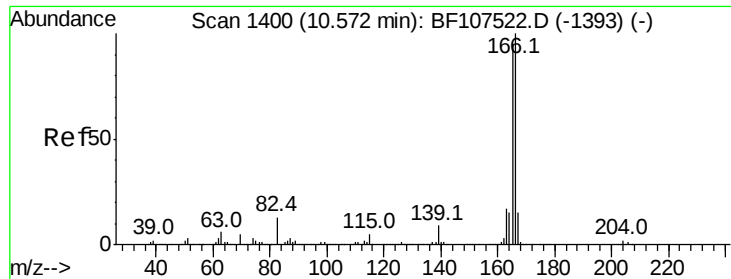
Sohil  
7/23/2018 12:44:51 PM



#56  
2,4-Dinitrotoluene  
Concen: 33.599 ng  
RT: 10.21 min Scan# 1338  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.2  | 36.4  | 54.6  |
| 89      | 68.3  | 57.8  | 86.6  |
| 182     | 2.5   | 1.6   | 2.4#  |





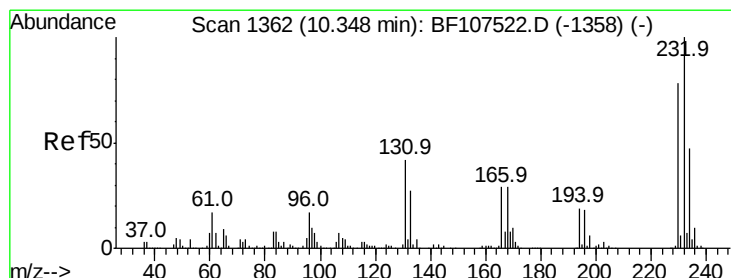
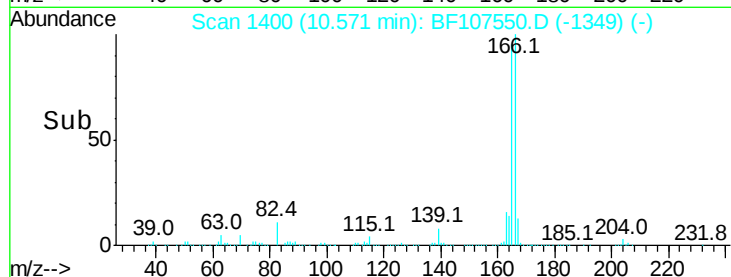
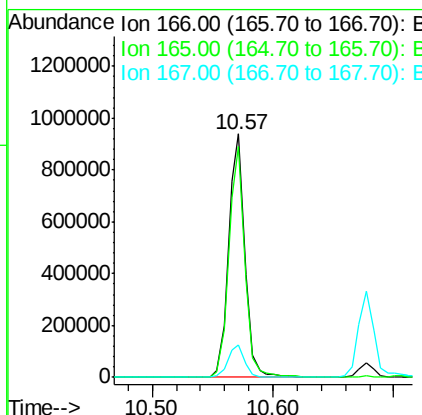
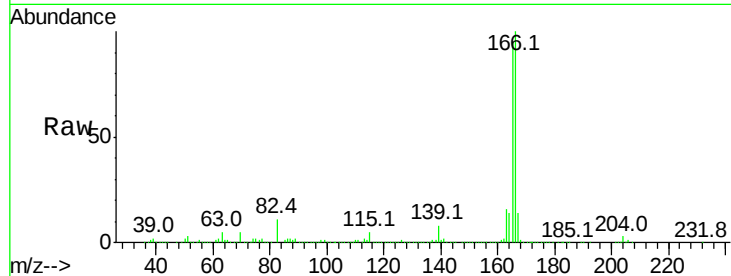
#57  
 Fluorene  
 Concen: 36.018 ng  
 RT: 10.57 min Scan# 1400  
 Delta R.T. 0.00 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 94.8  | 79.8  | 119.8 |
| 167     | 13.5  | 10.6  | 16.0  |

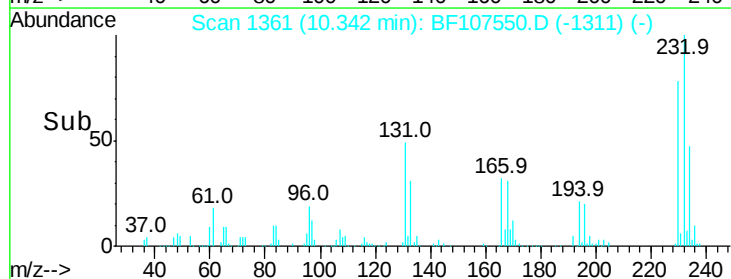
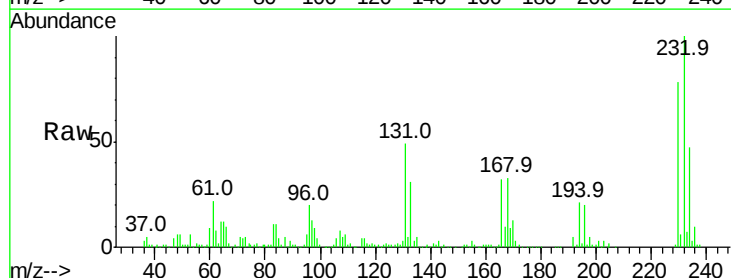
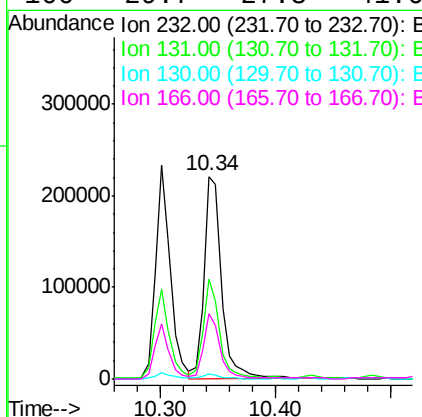
Manual Integrations  
 APPROVED

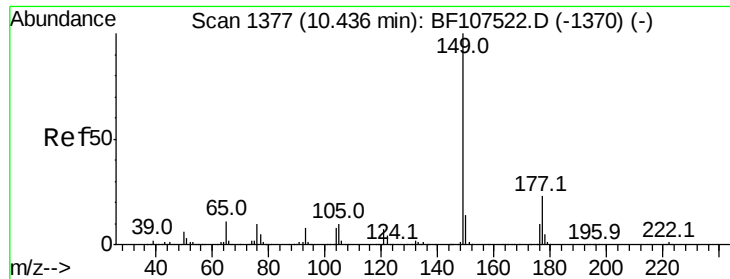
Sohil  
 7/23/2018 12:44:51 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 34.402 ng  
 RT: 10.34 min Scan# 1361  
 Delta R.T. -0.01 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 43.7  | 43.8  | 65.8# |
| 130     | 3.0   | 2.1   | 3.1   |
| 166     | 29.7  | 27.8  | 41.6  |





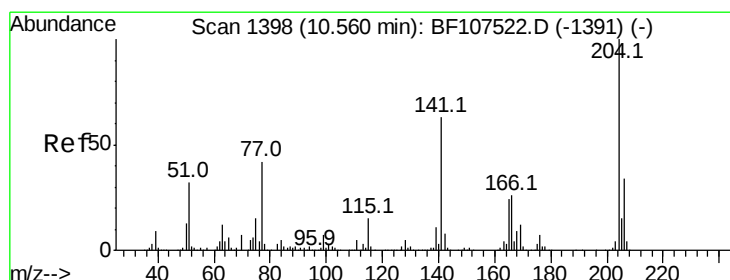
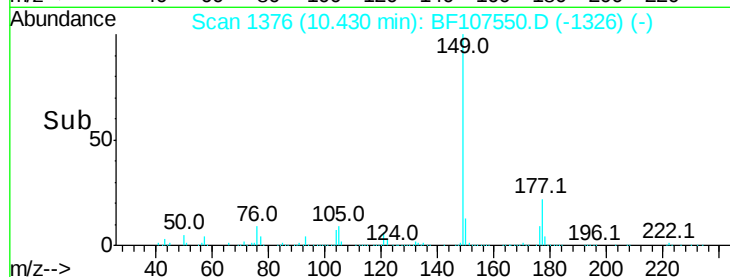
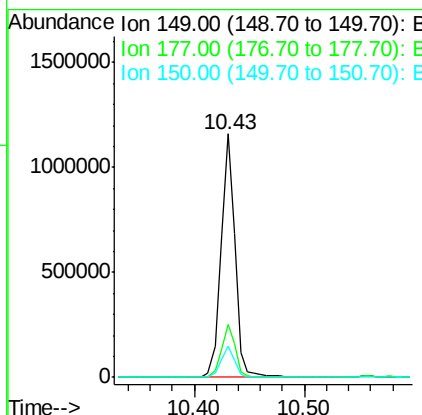
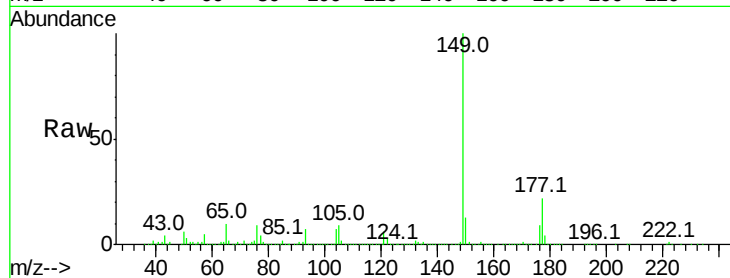
#59  
Diethylphthalate  
Concen: 35.313 ng  
RT: 10.43 min Scan# 1376  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampled :  
SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.7  | 16.1  | 24.1  |
| 150     | 12.9  | 10.1  | 15.1  |

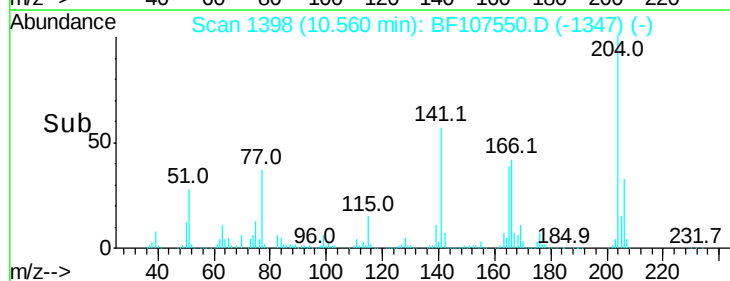
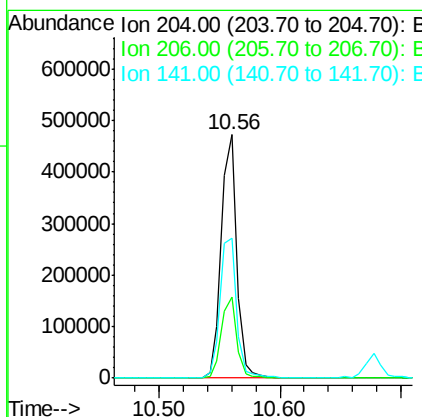
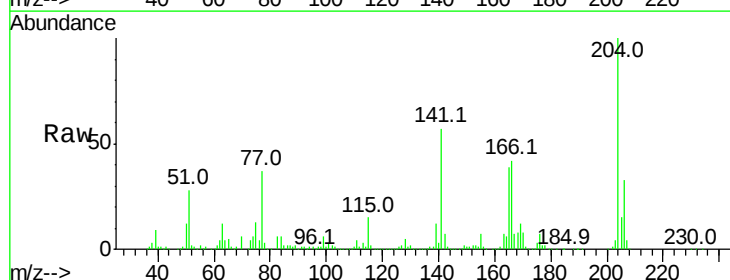
Manual Integrations  
APPROVED

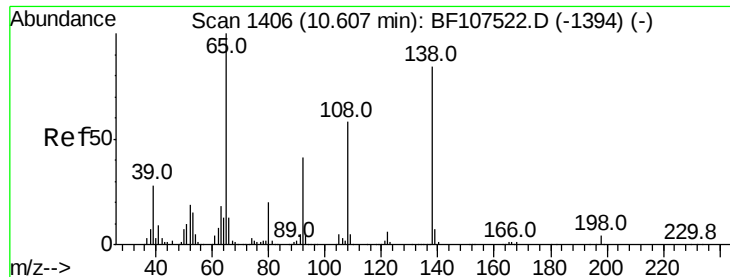
Sohil  
7/23/2018 12:44:51 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 30.481 ng  
RT: 10.56 min Scan# 1398  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.3  | 26.5  | 39.7  |
| 141     | 57.5  | 54.6  | 81.8  |





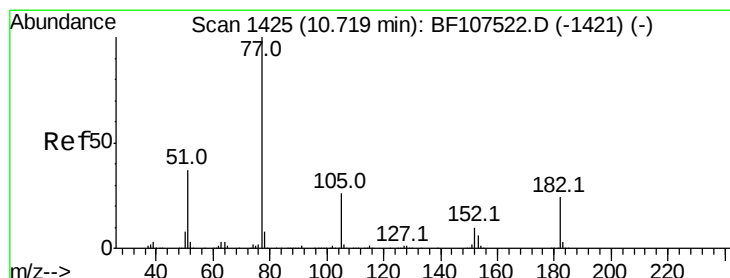
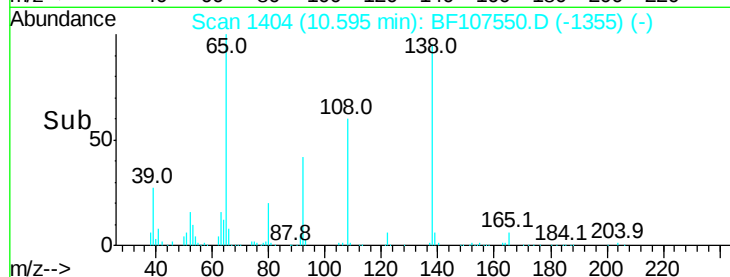
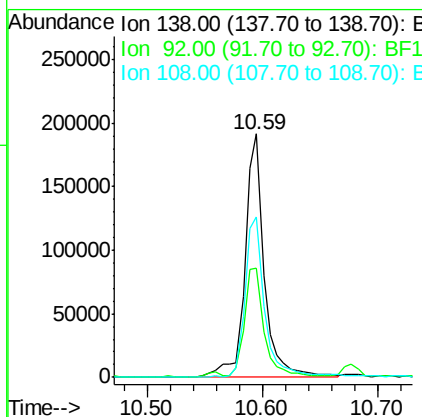
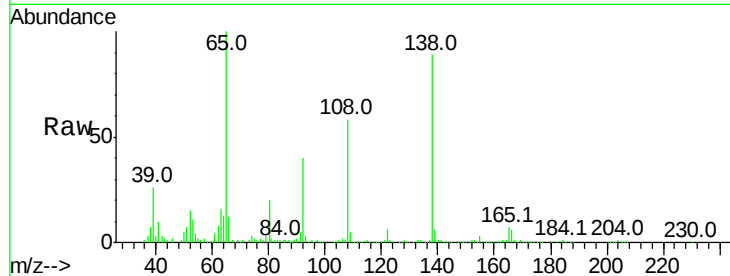
#61  
4-Nitroaniline  
Concen: 39.741 ng  
RT: 10.59 min Scan# 1404  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampled :  
SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 44.9  | 30.2  | 70.2  |
| 108     | 65.7  | 52.5  | 92.5  |

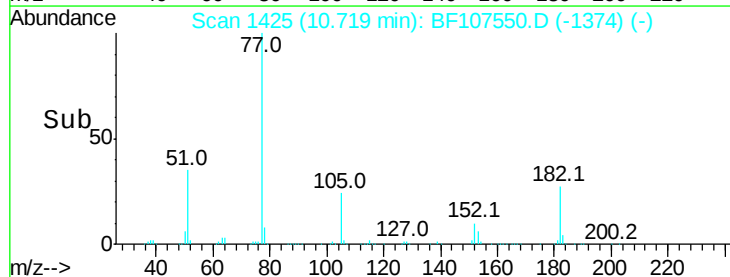
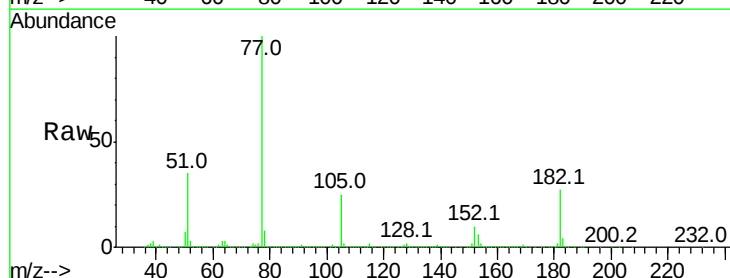
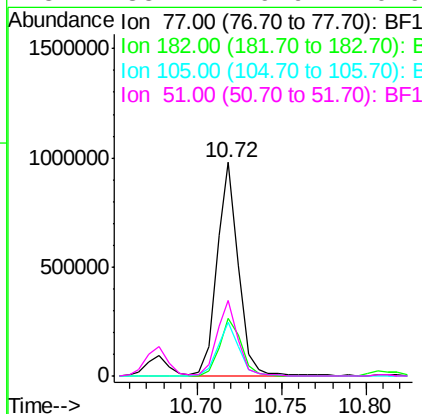
Manual Integrations  
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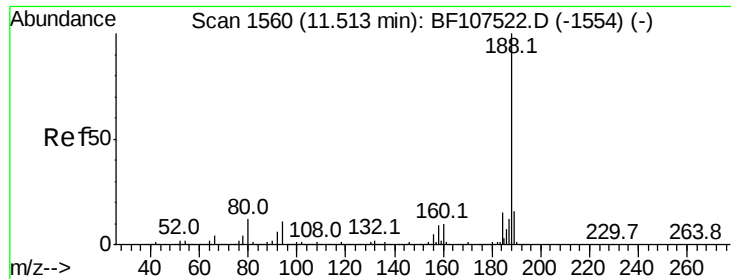
Sohil  
7/23/2018 12:44:51 PM



#62  
Azobenzene  
Concen: 31.462 ng  
RT: 10.72 min Scan# 1425  
Delta R.T. 0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.7  | 1.7   | 41.7  |
| 105     | 25.4  | 3.0   | 43.0  |
| 51      | 35.1  | 9.9   | 49.9  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

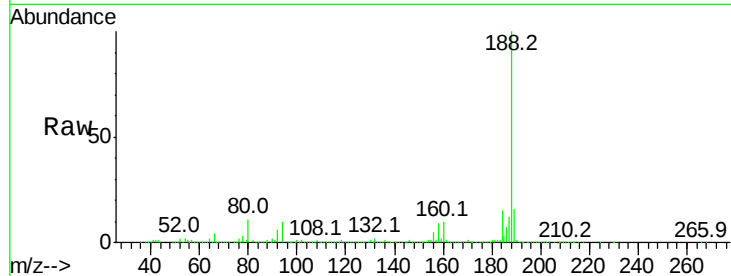
ClientSampled :

SB1-12-0MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 699802 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 10.3  | 8.5   | 12.7   |
| 80        | 11.3  | 9.2   | 13.8   |

Manual Integrations  
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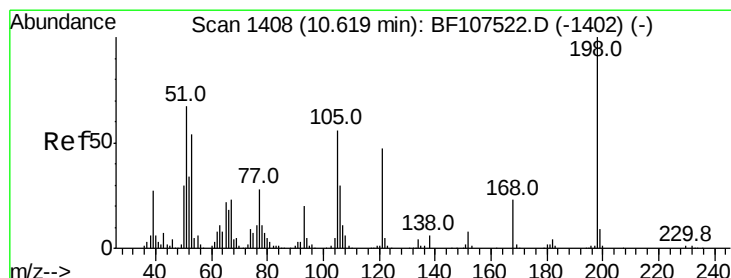
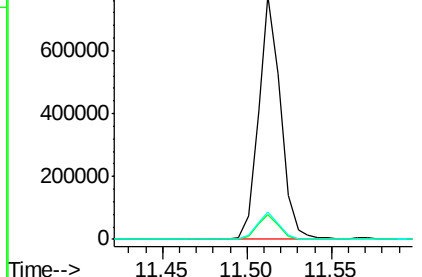
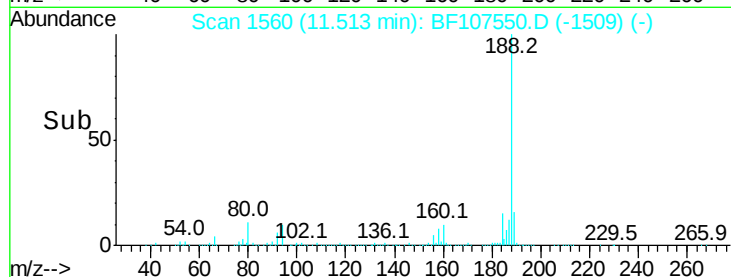
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 10.066 ng

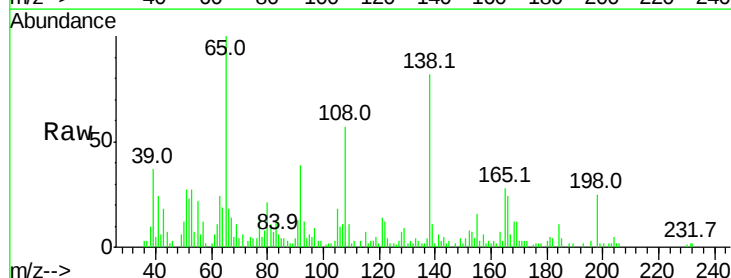
RT: 10.61 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

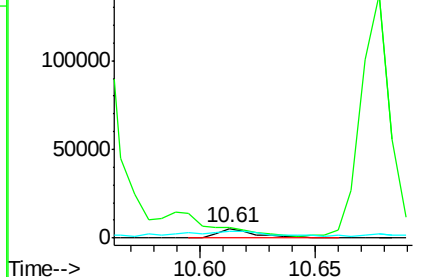
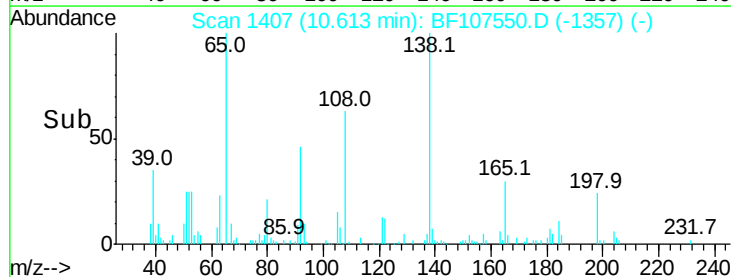
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 5714  |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 109.2 | 37.7  | 77.7# |
| 105       | 71.7  | 36.3  | 76.3  |

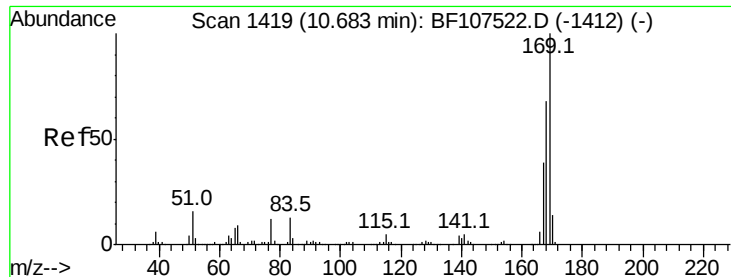


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 32.965 ng

RT: 10.68 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

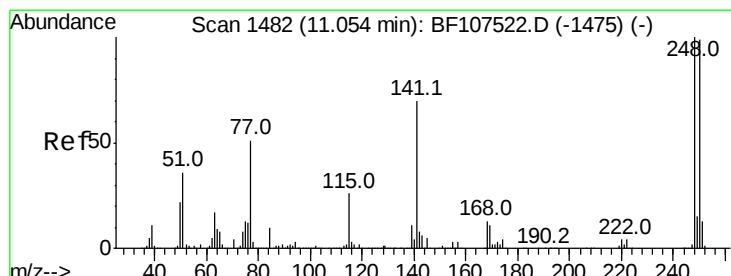
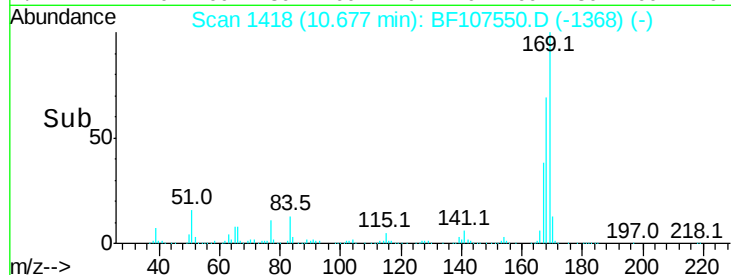
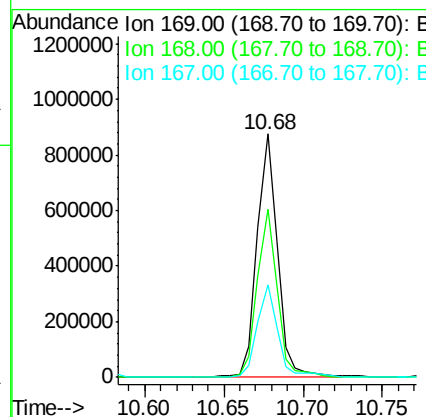
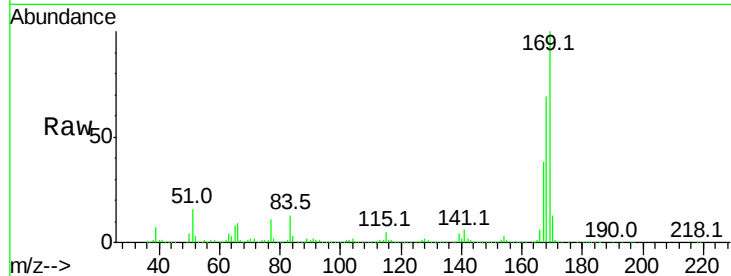
ClientSampleId :

SB1-12-0MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 783487 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 68.9  | 54.4  | 81.6   |
| 167       | 37.9  | 29.8  | 44.6   |

Manual Integrations  
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#66

4-Bromophenyl-phenylether

Concen: 30.900 ng

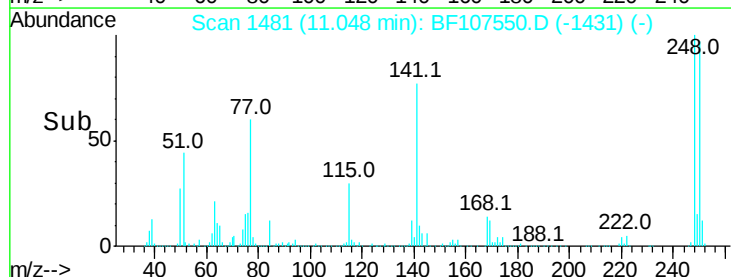
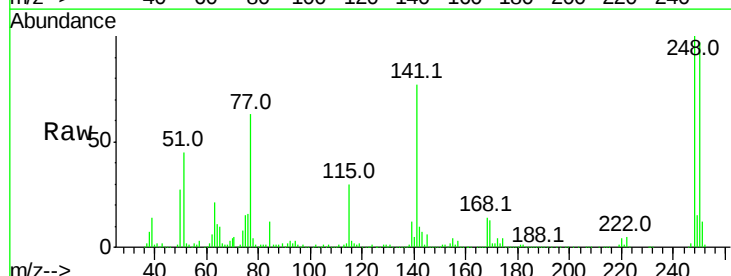
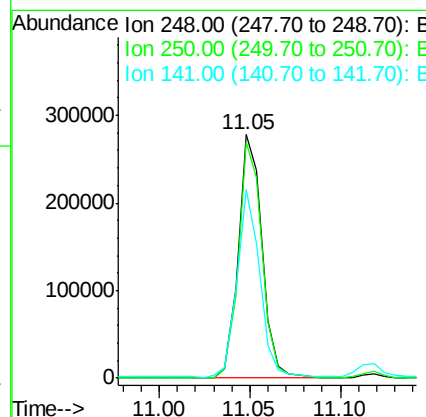
RT: 11.05 min Scan# 1481

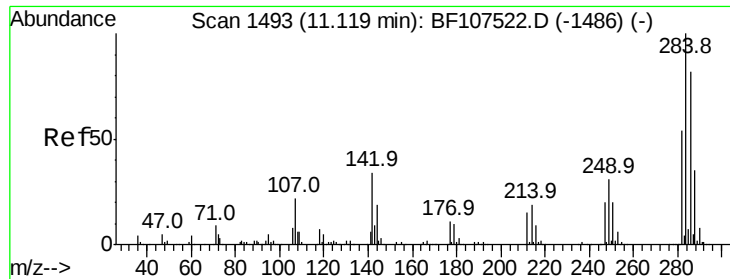
Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 254549 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.1  | 76.9  | 115.3  |
| 141       | 77.3  | 74.4  | 111.6  |





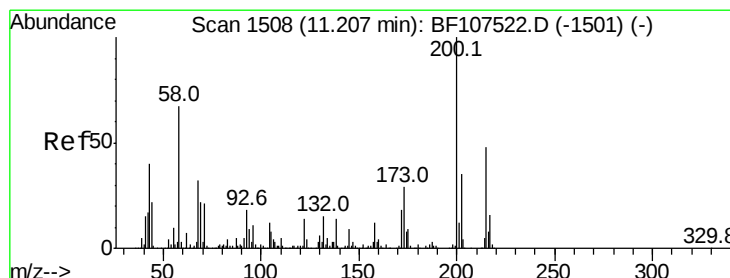
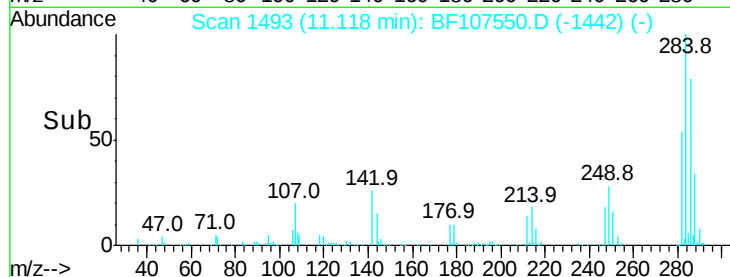
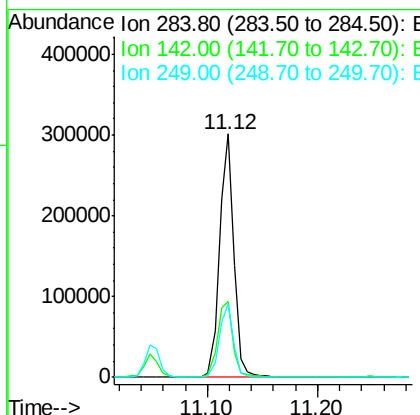
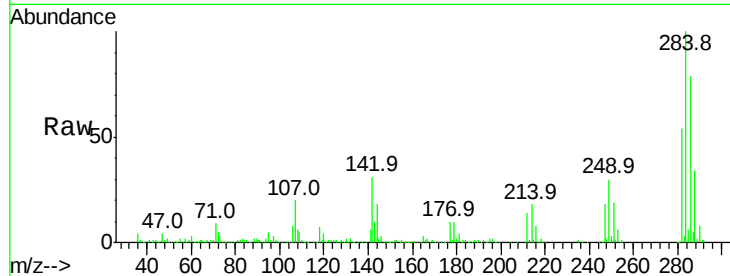
#67  
Hexachlorobenzene  
Concen: 29.954 ng  
RT: 11.12 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 271507 |       |       |
| 142     | 31.4  | 34.6   | 52.0  |       |
| 249     | 30.3  | 24.8   | 37.2  |       |

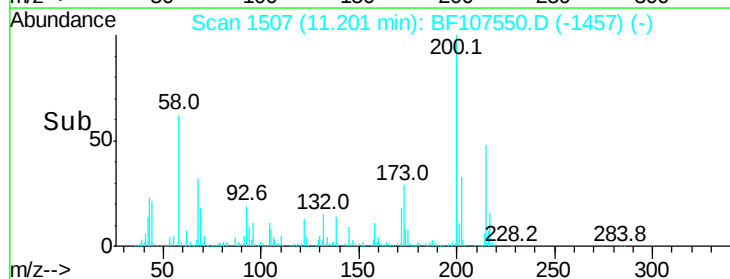
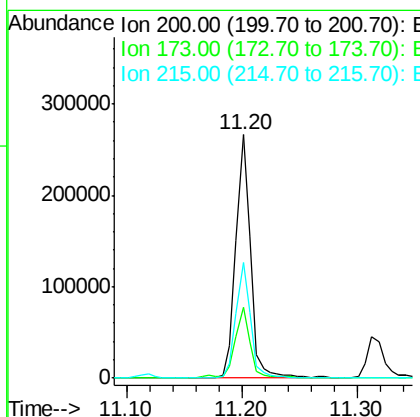
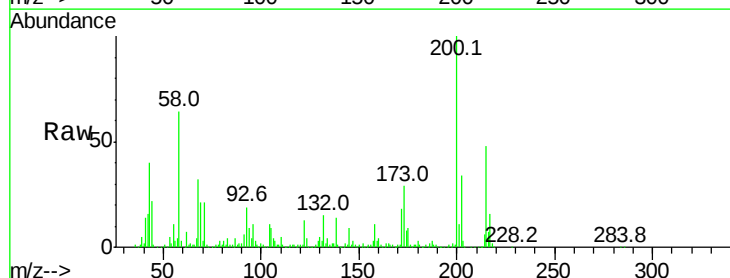
Manual Integrations  
APPROVED

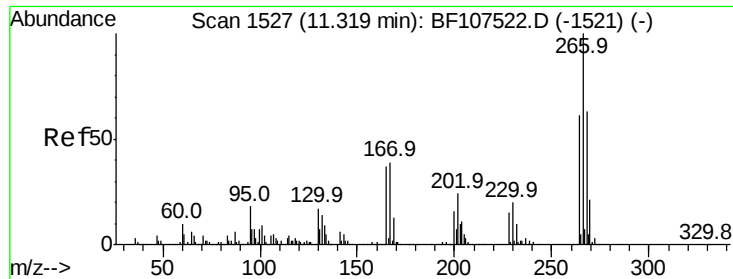
Sohil  
7/23/2018 12:44:51 PM



#68  
Atrazine  
Concen: 32.609 ng  
RT: 11.20 min Scan# 1507  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 236628 |       |       |
| 173     | 29.0  | 8.6    | 48.6  |       |
| 215     | 47.6  | 25.1   | 65.1  |       |





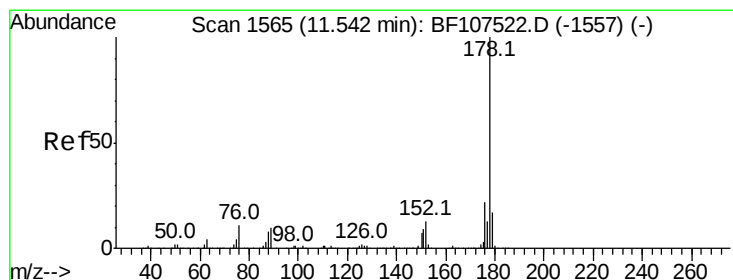
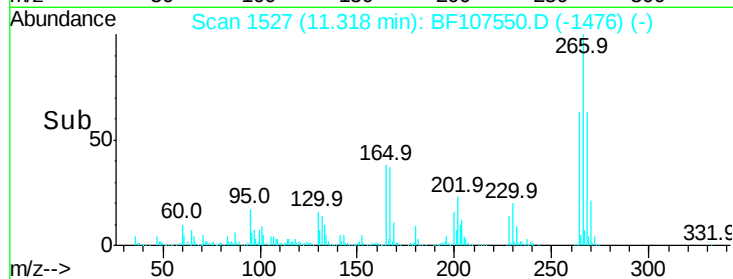
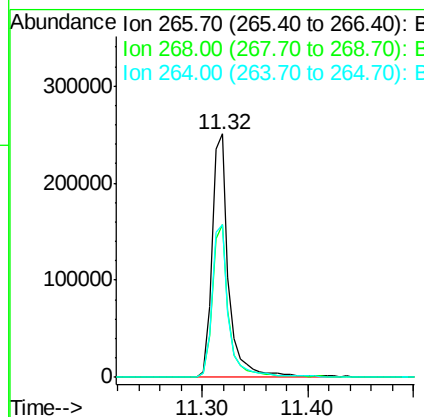
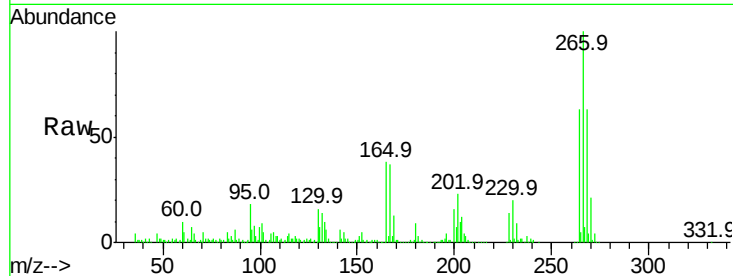
#69  
 Pentachlorophenol  
 Concen: 49.052 ng  
 RT: 11.32 min Scan# 1527  
 Delta R.T. -0.00 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB1-12-0MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 277712 |       |       |
| 268     | 62.6  | 51.1   | 76.7  |       |
| 264     | 62.6  | 49.5   | 74.3  |       |

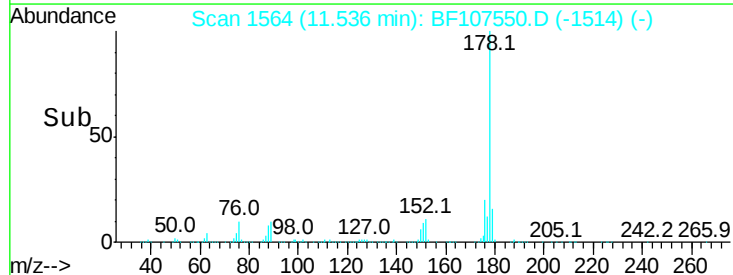
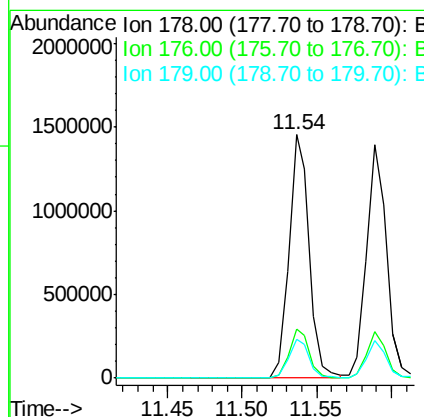
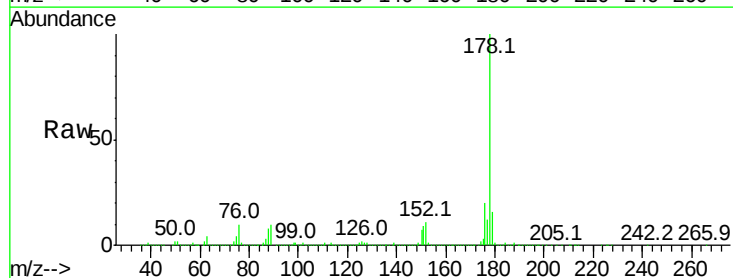
Manual Integrations  
 APPROVED

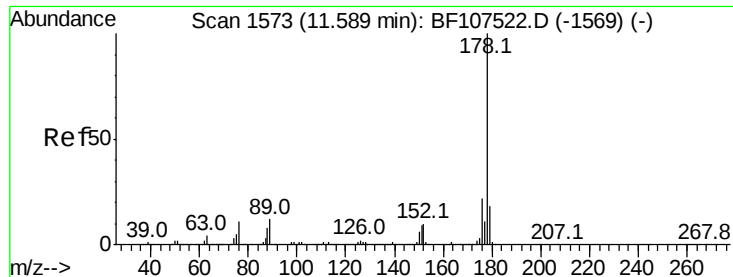
Sohil  
 7/23/2018 12:44:51 PM



#70  
 Phenanthrene  
 Concen: 40.893 ng  
 RT: 11.54 min Scan# 1564  
 Delta R.T. -0.01 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1394523 |       |       |
| 176     | 20.0  | 15.8    | 23.8  |       |
| 179     | 15.9  | 13.0    | 19.6  |       |





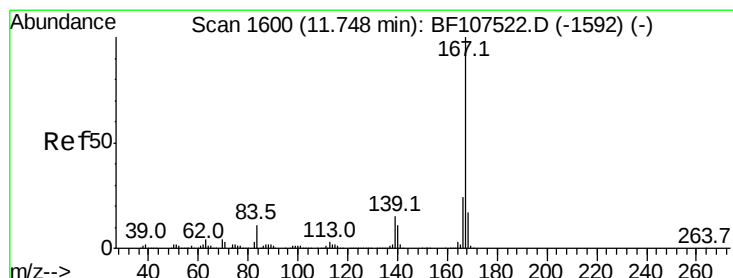
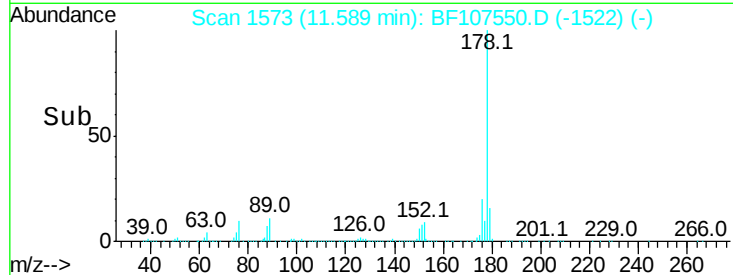
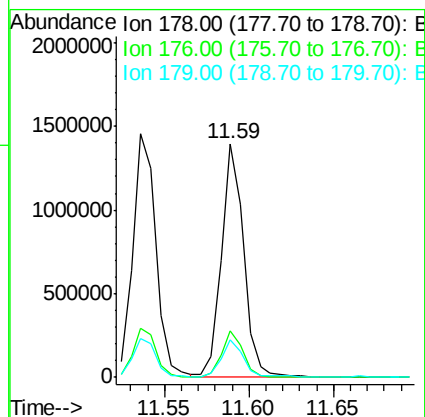
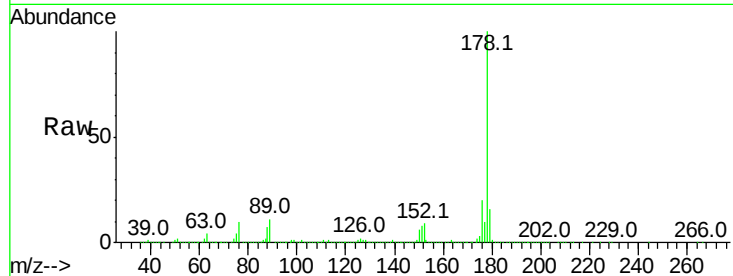
#71  
 Anthracene  
 Concen: 37.385 ng  
 RT: 11.59 min Scan# 1573  
 Delta R.T. 0.00 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 15.4  | 23.2  |
| 179     | 16.1  | 12.6  | 19.0  |

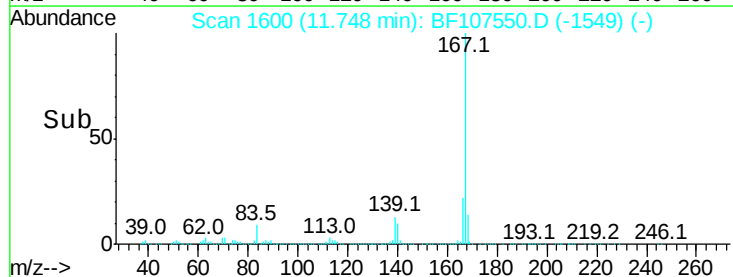
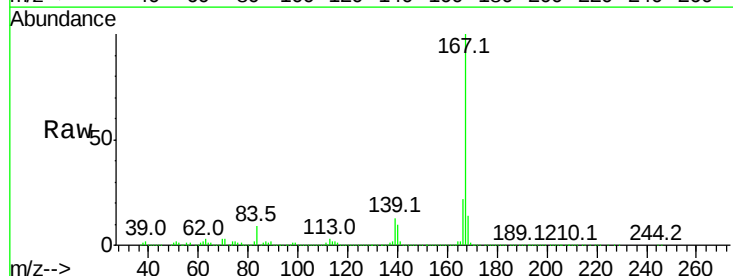
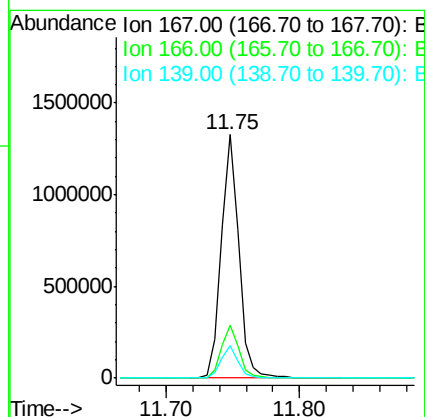
Manual Integrations  
 APPROVED

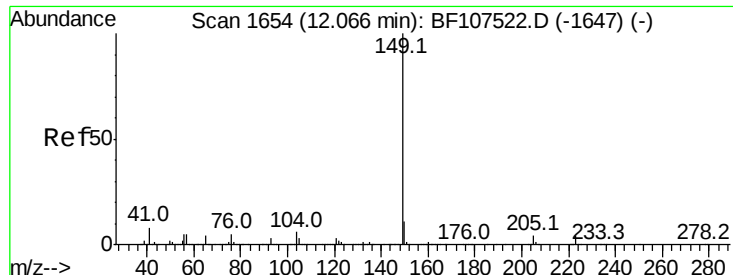
Sohil  
 7/23/2018 12:44:51 PM



#72  
 Carbazole  
 Concen: 34.762 ng  
 RT: 11.75 min Scan# 1600  
 Delta R.T. -0.00 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.6  | 26.4  |
| 139     | 13.1  | 10.9  | 16.3  |





#73

Di-n-butylphthalate

Concen: 36.488 ng

RT: 12.06 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

ClientSampleId :

SB1-12-0MS

Tot Ion:149 Resp: 1417909

Ion Ratio Lower Upper

149 100

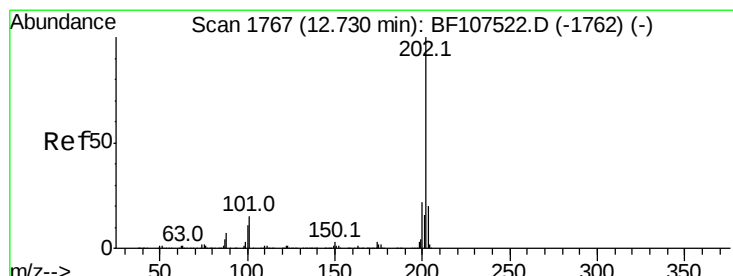
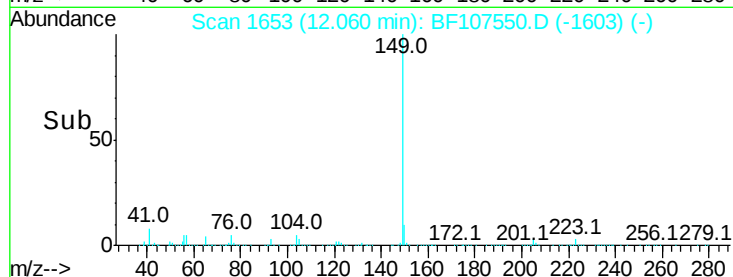
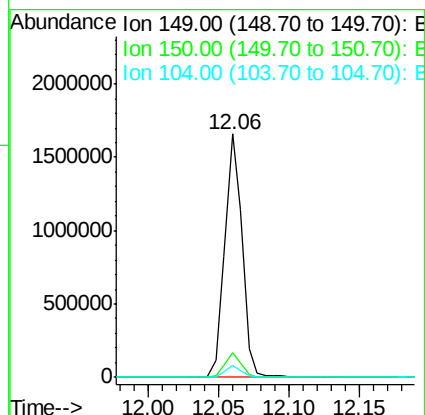
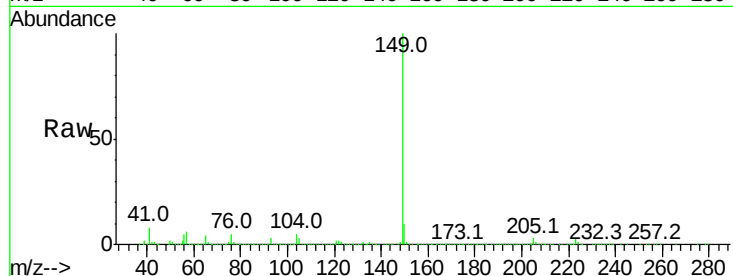
150 10.2 7.8 11.6

104 5.0 3.8 5.8

Manual Integrations  
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#74

Fluoranthene

Concen: 45.535 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

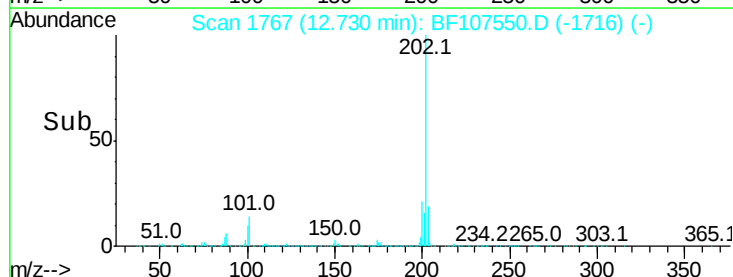
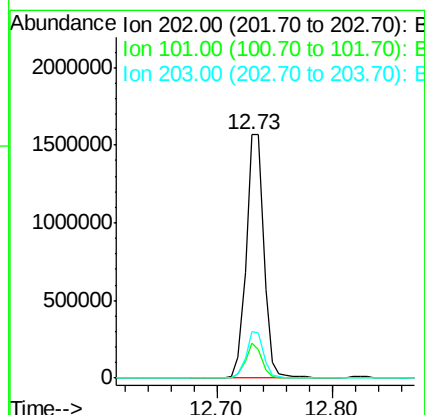
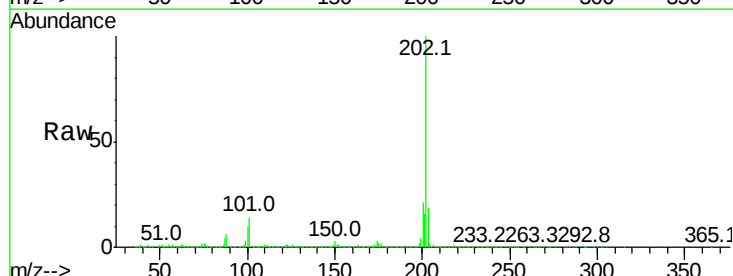
Tgt Ion:202 Resp: 1666283

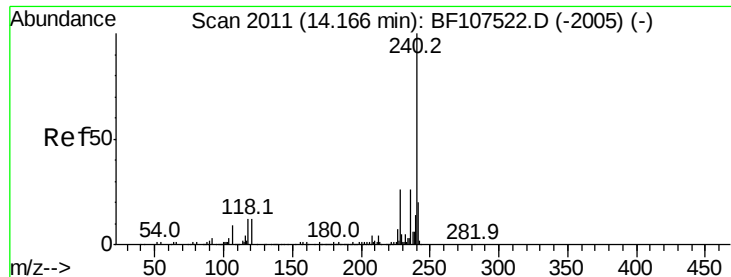
Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

203 19.1 0.0 38.1





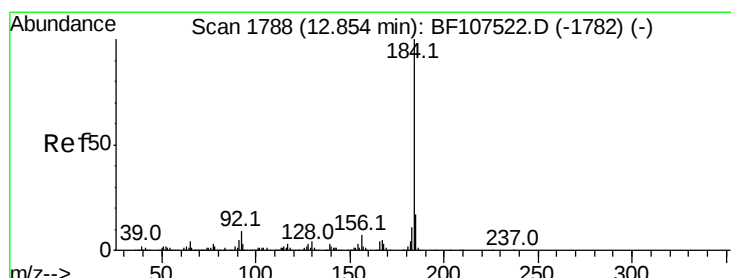
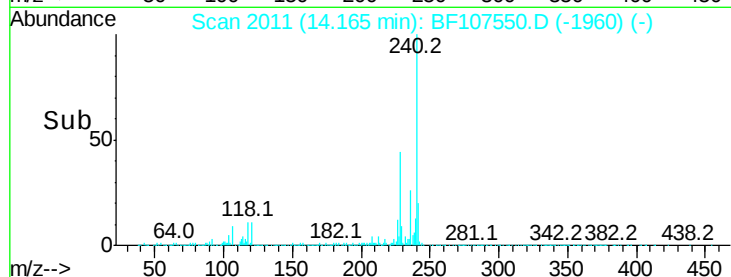
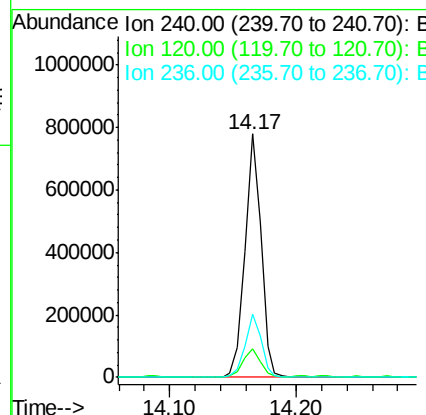
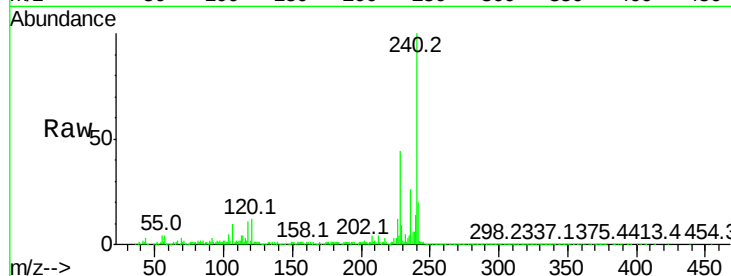
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.17 min Scan# 2011  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.7  | 9.5   | 14.3  |
| 236     | 26.0  | 20.7  | 31.1  |

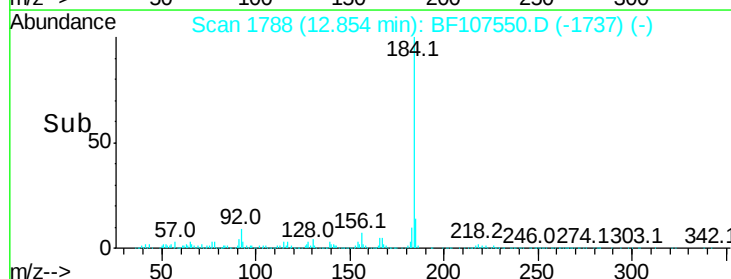
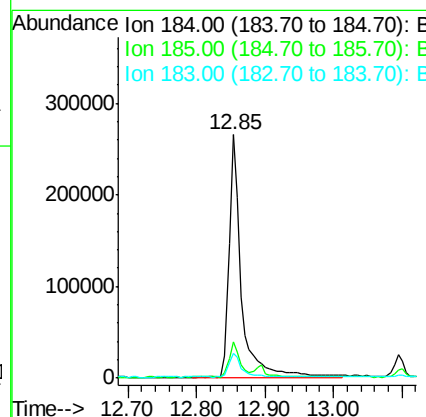
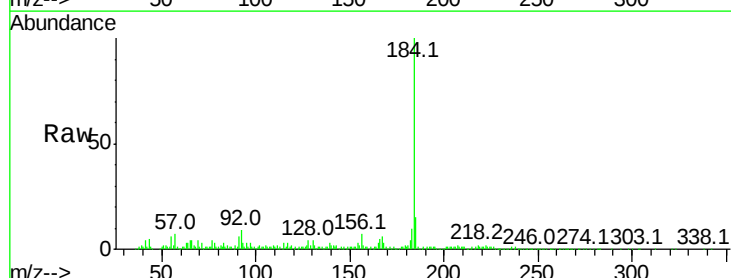
Manual Integrations  
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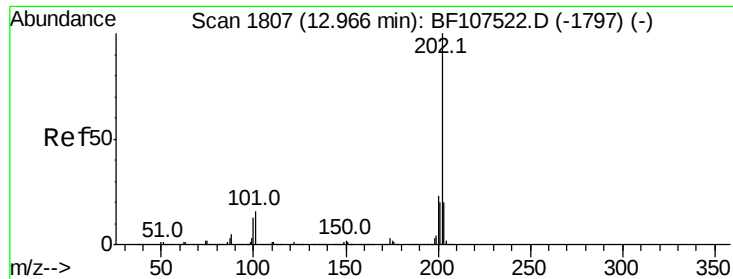
Sohil  
7/23/2018 12:44:51 PM



#76  
Benzidine  
Concen: 17.165 ng  
RT: 12.85 min Scan# 1788  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.8  | 12.6  | 18.8  |
| 183     | 10.2  | 9.3   | 13.9  |





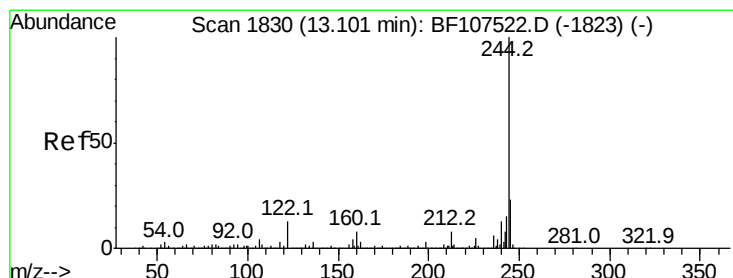
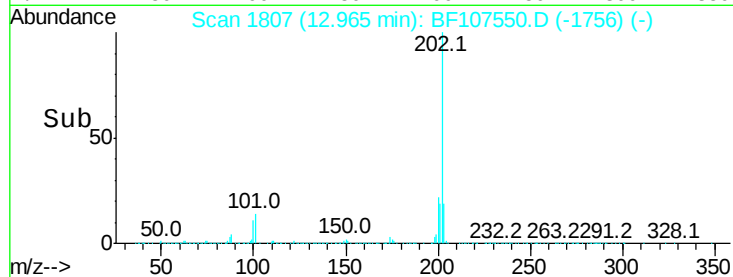
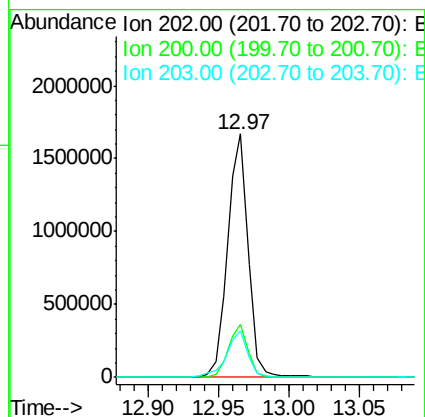
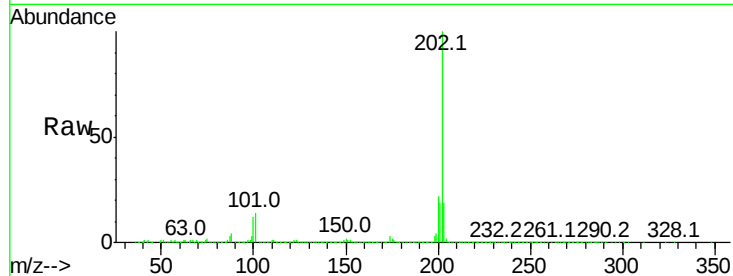
#77  
Pvrene  
Concen: 35.801 ng  
RT: 12.97 min Scan# 1807  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.5  | 17.4  | 26.2  |
| 203     | 19.1  | 14.3  | 21.5  |

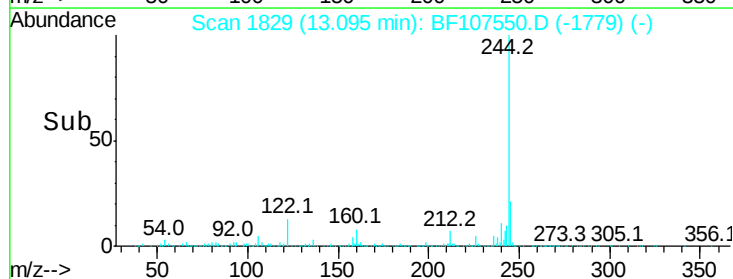
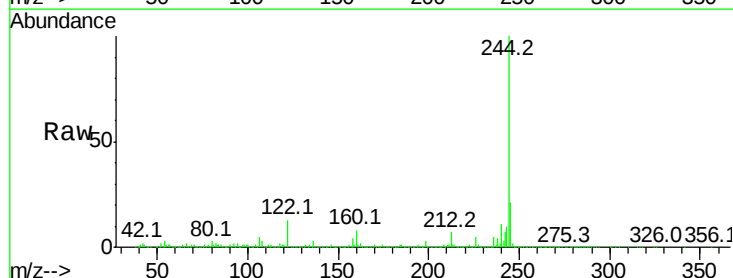
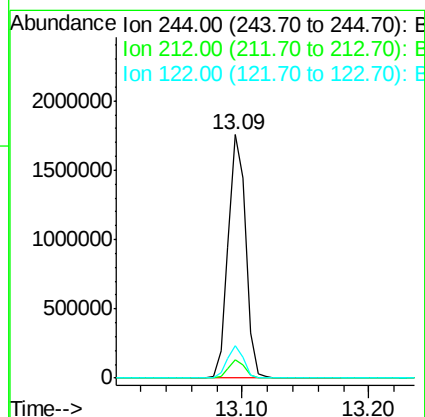
Manual Integrations  
APPROVED

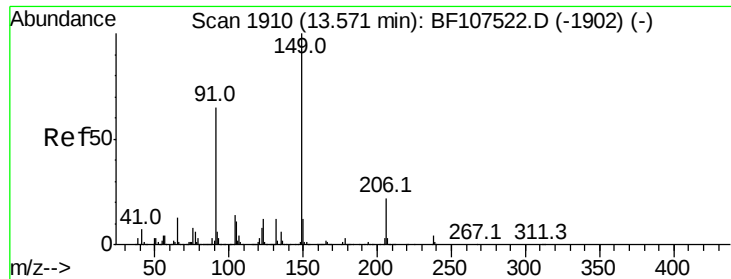
Sohil  
7/23/2018 12:44:51 PM



#78  
Terphenyl-d14  
Concen: 63.217 ng  
RT: 13.09 min Scan# 1829  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 5.4   | 8.0   |
| 122     | 13.2  | 11.0  | 16.4  |





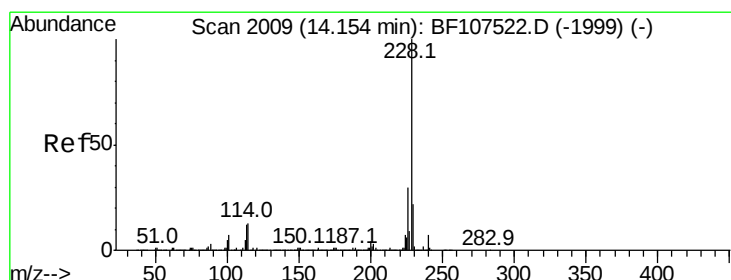
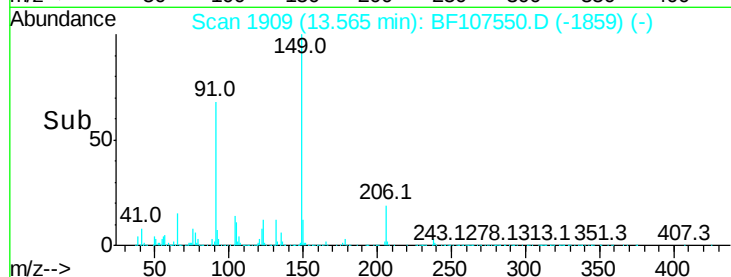
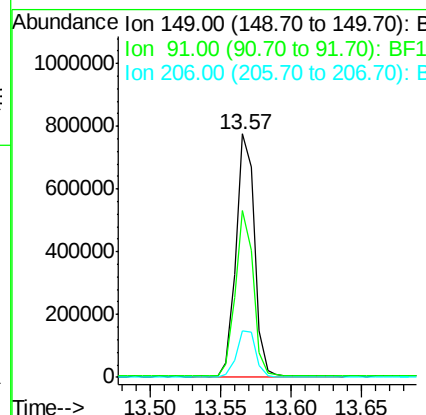
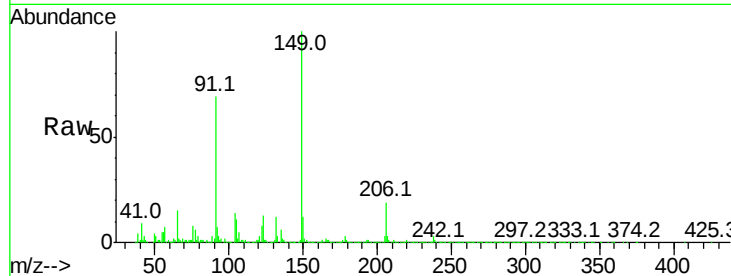
#79  
Butylbenzylphthalate  
Concen: 35.251 ng  
RT: 13.57 min Scan# 1909  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampled :  
SB1-12-0MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 703014 |       |       |
| 91      | 68.5  | 56.8   | 85.2  |       |
| 206     | 19.1  | 14.1   | 21.1  |       |

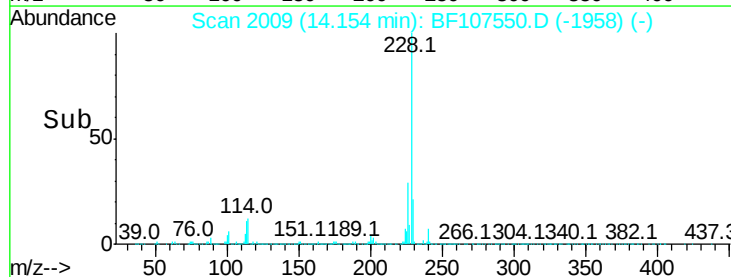
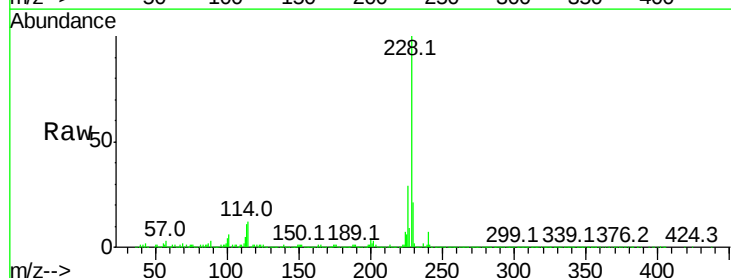
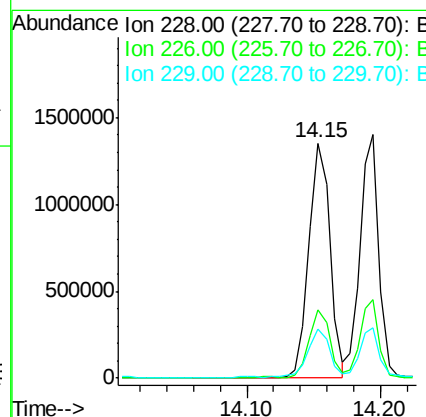
Manual Integrations  
APPROVED

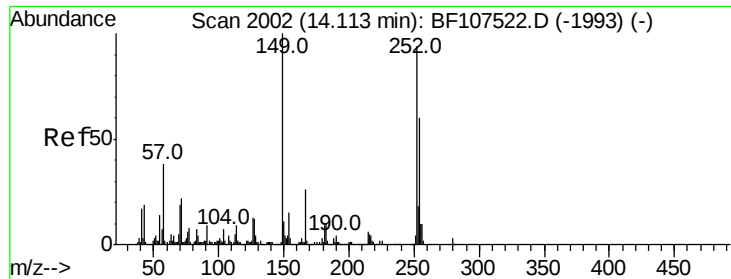
Sohil  
7/23/2018 12:44:51 PM



#80  
Benzo(a)anthracene  
Concen: 36.594 ng  
RT: 14.15 min Scan# 2009  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1453893 |       |       |
| 226     | 29.2  | 22.6    | 33.8  |       |
| 229     | 21.0  | 15.8    | 23.6  |       |





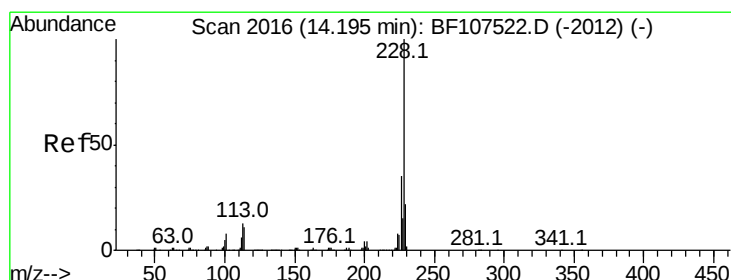
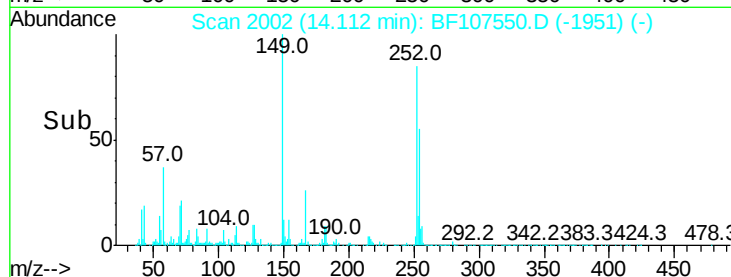
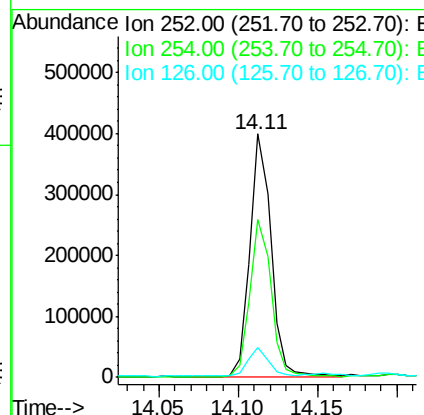
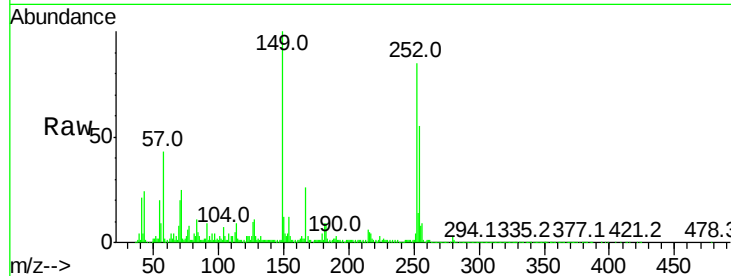
#81  
3,3'-Dichlorobenzidine  
Concen: 28.034 ng  
RT: 14.11 min Scan# 2002  
Delta R.T. 0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampled :  
SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.8  | 50.4  | 75.6  |
| 126     | 12.2  | 11.3  | 16.9  |

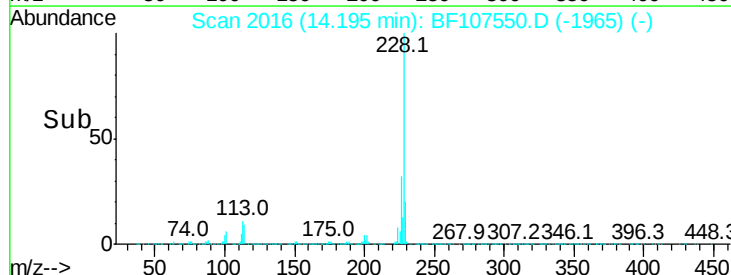
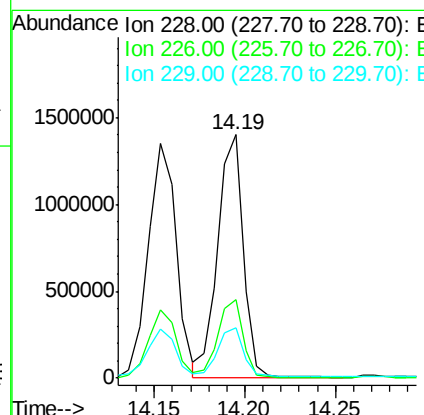
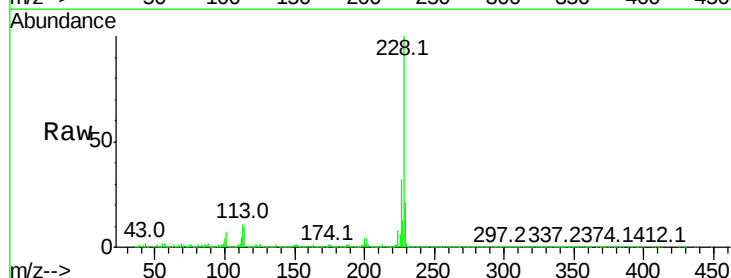
Manual Integrations  
APPROVED

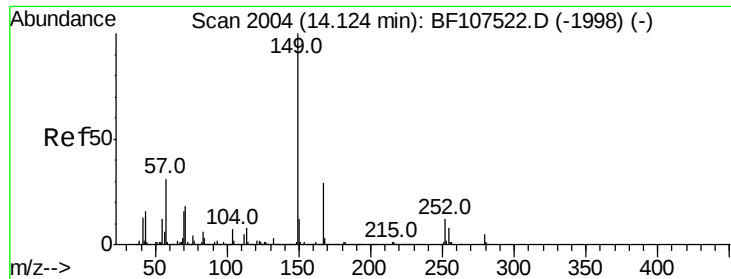
Sohil  
7/23/2018 12:44:51 PM



#82  
Chrysene  
Concen: 35.787 ng  
RT: 14.19 min Scan# 2016  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.3  | 25.0  | 37.6  |
| 229     | 20.9  | 16.2  | 24.4  |





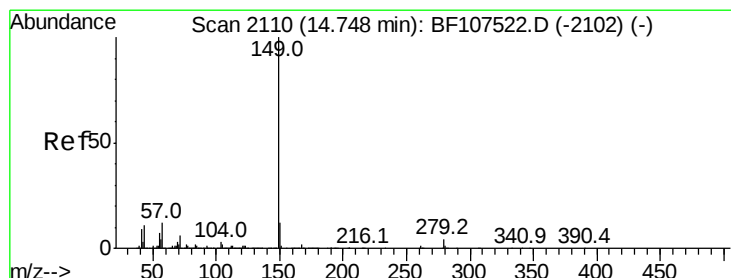
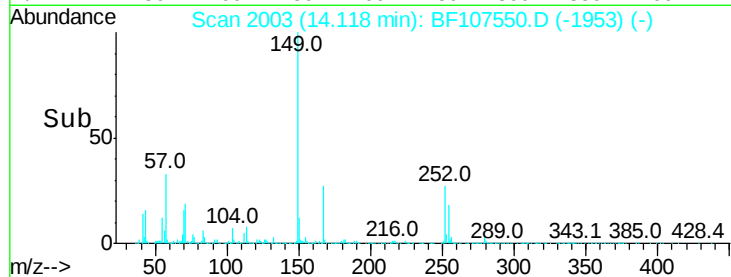
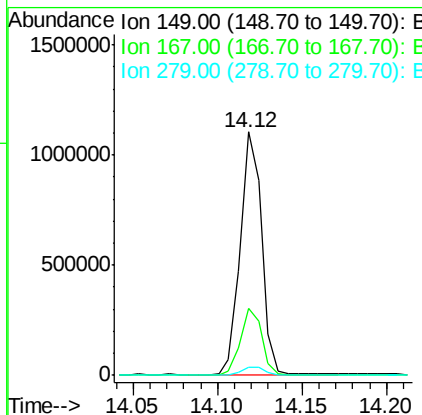
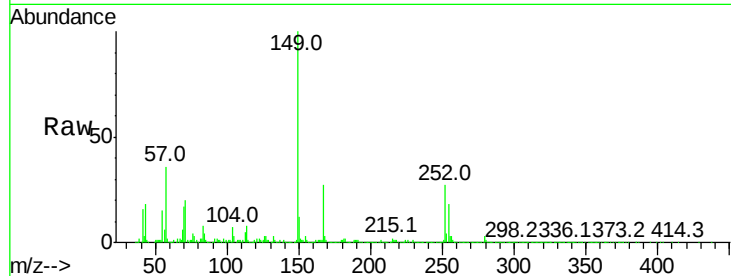
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 34.372 ng  
 RT: 14.12 min Scan# 2003  
 Delta R.T. -0.01 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

Instrument :  
 BNA\_F  
 ClientSampled :  
 SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.5  | 21.3  | 31.9  |
| 279     | 3.5   | 3.0   | 4.4   |

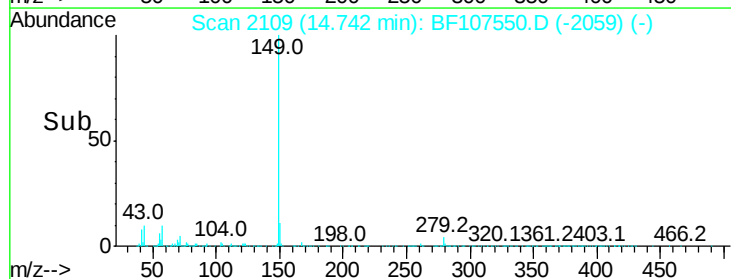
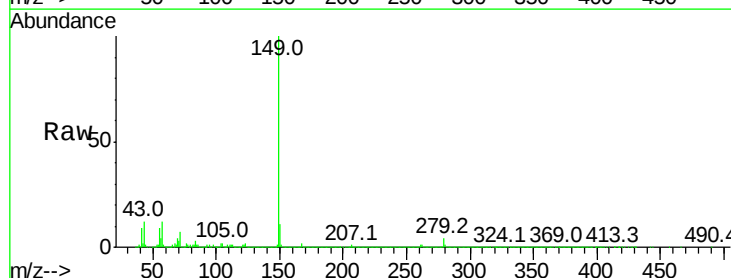
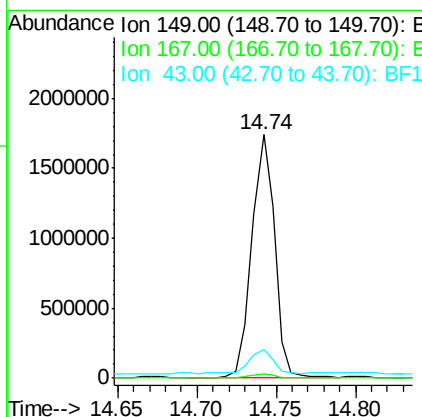
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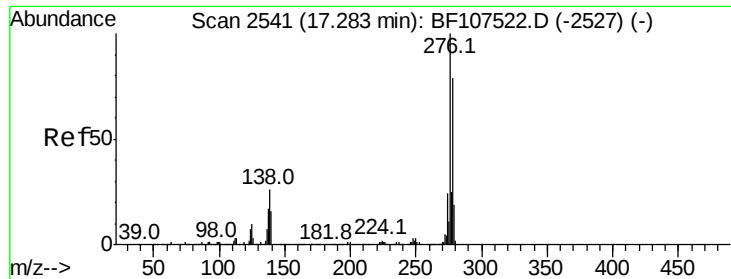
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#84  
 Di-n-octyl phthalate  
 Concen: 39.337 ng  
 RT: 14.74 min Scan# 2109  
 Delta R.T. -0.01 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.2   | 1.8   |
| 43      | 10.2  | 8.4   | 12.6  |





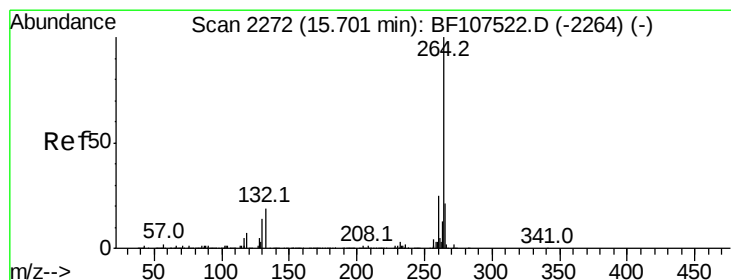
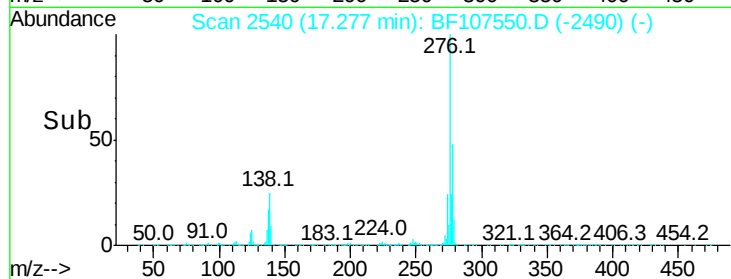
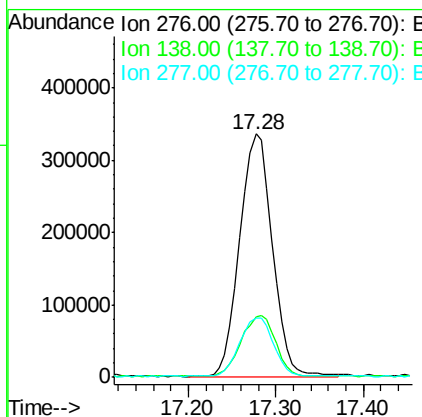
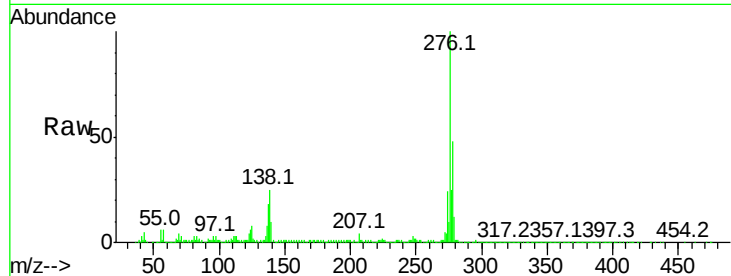
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 26.237 ng  
RT: 17.28 min Scan# 2540  
Delta R.T. -0.01 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.2  | 25.0  | 37.6  |
| 277     | 25.1  | 20.1  | 30.1  |

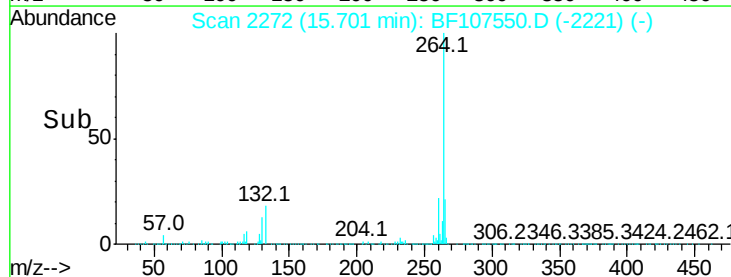
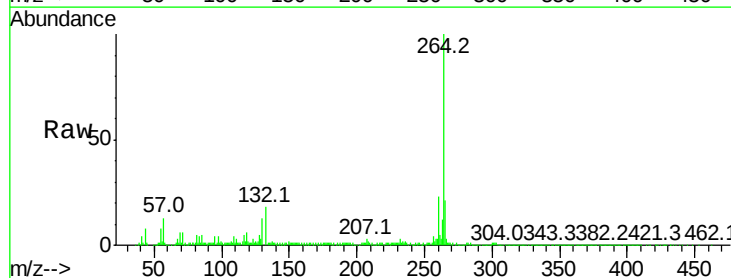
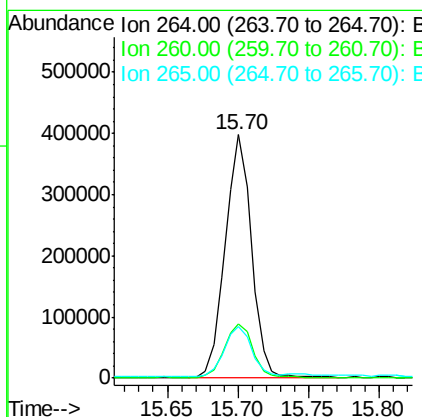
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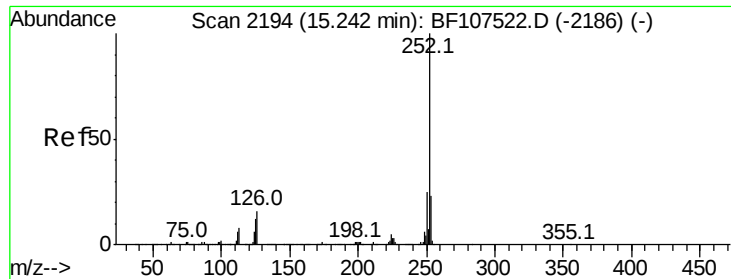
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.70 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.5  | 19.2  | 28.8  |
| 265     | 21.4  | 17.5  | 26.3  |





#87

Benzo(b)fluoranthene

Concen: 42.413 ng

RT: 15.24 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

Instrument :

BNA\_F

ClientSampleId :

SB1-12-0MS

Tot Ion:252 Resp: 1188964

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

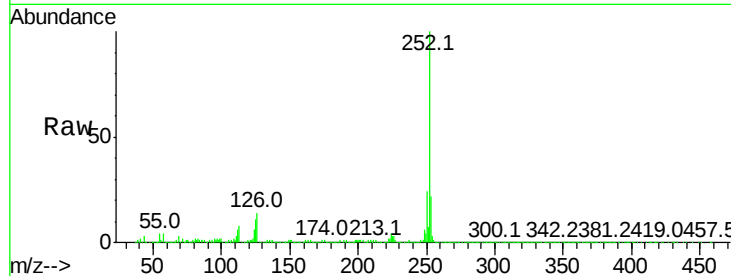
125 11.2 9.0 13.6

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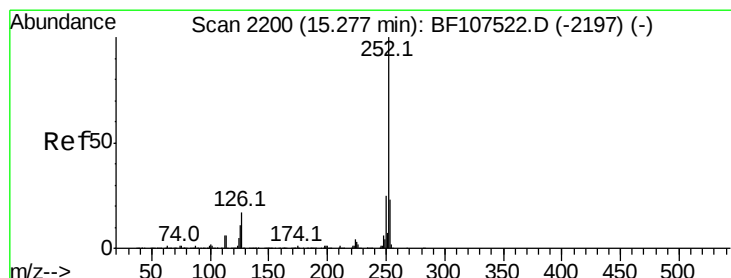
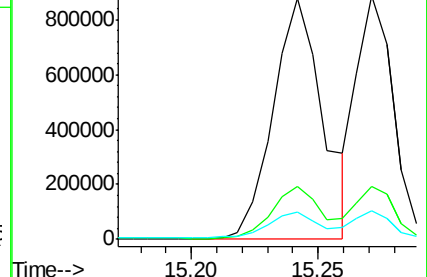
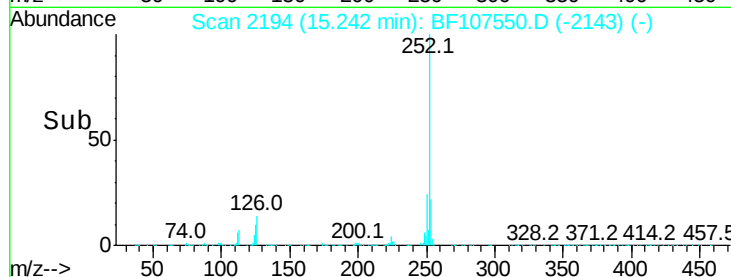
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 32.700 ng

RT: 15.27 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF107550.D

Acq: 21 Jul 2018 3:09

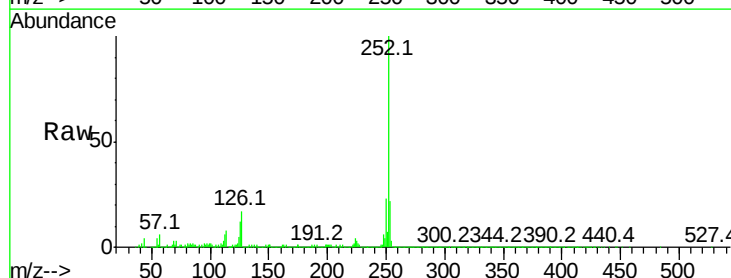
Tgt Ion:252 Resp: 898071

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

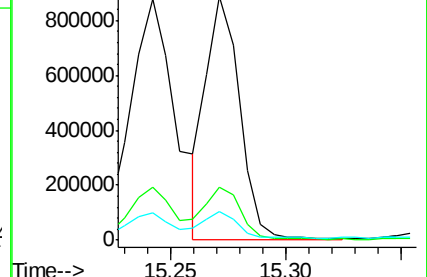
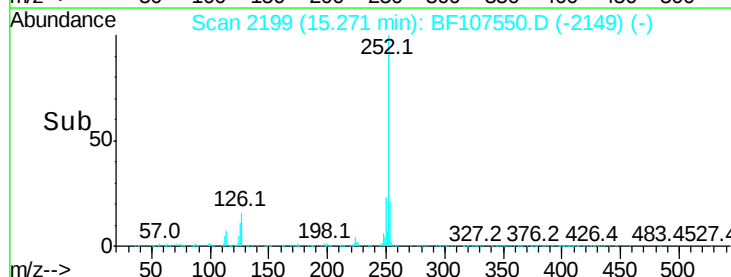
125 11.6 10.2 15.2

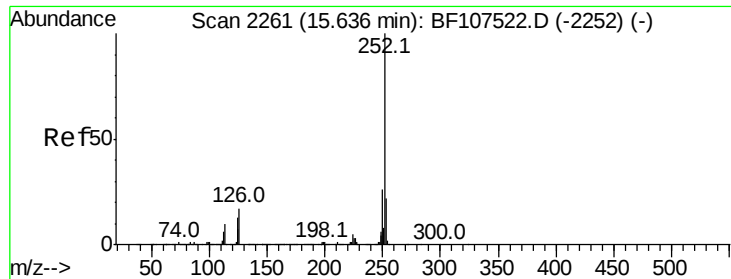


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





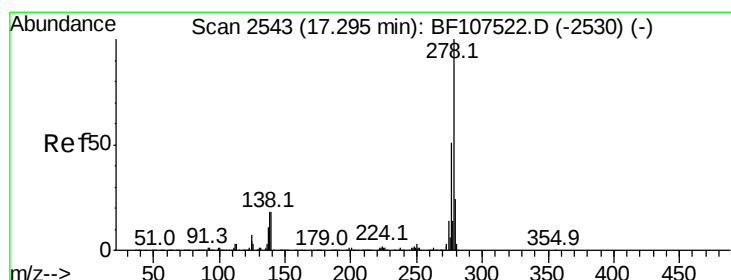
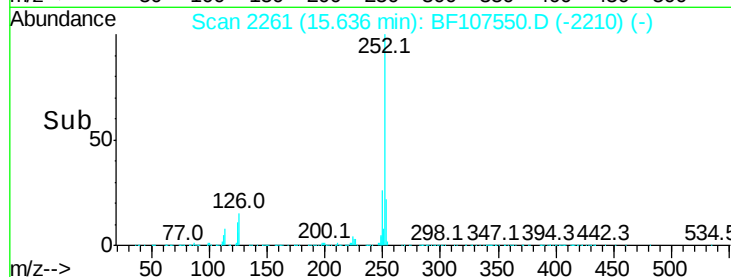
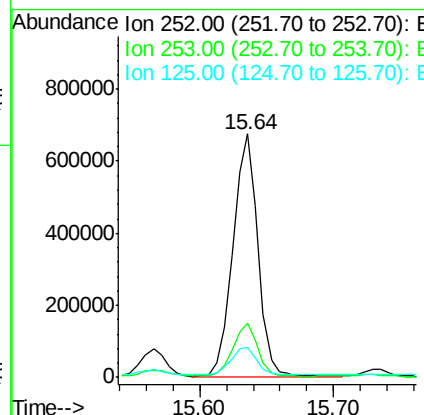
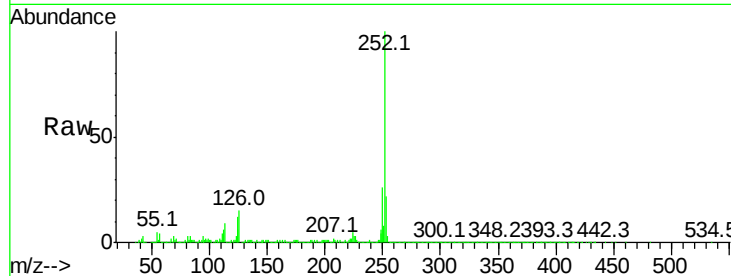
#89  
Benzo(a)pyrene  
Concen: 34.427 ng  
RT: 15.64 min Scan# 2261  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

Instrument :  
BNA\_F  
ClientSampleId :  
SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.1  | 25.7  |
| 125     | 12.2  | 9.8   | 14.6  |

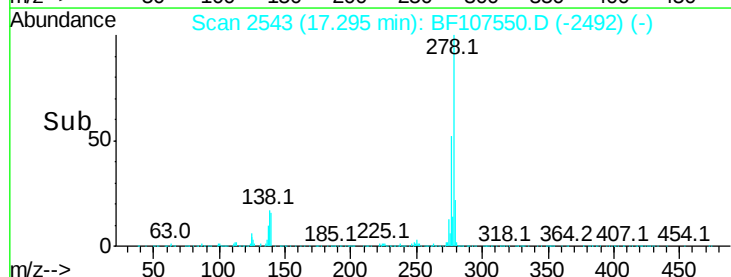
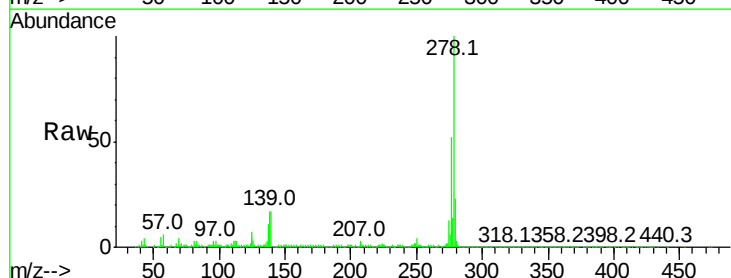
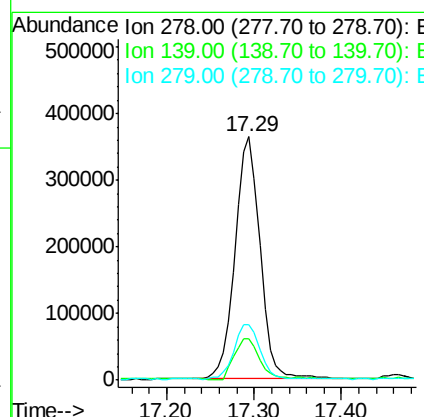
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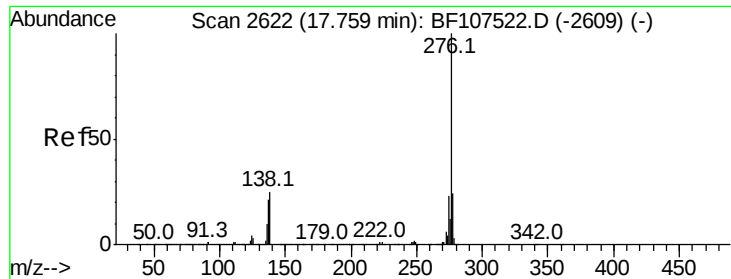
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#90  
Dibenzo(a,h)anthracene  
Concen: 31.891 ng  
RT: 17.29 min Scan# 2543  
Delta R.T. -0.00 min  
Lab File: BF107550.D  
Acq: 21 Jul 2018 3:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.1  | 15.9  | 23.9  |
| 279     | 22.9  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 30.784 ng  
 RT: 17.76 min Scan# 2622  
 Delta R.T. -0.00 min  
 Lab File: BF107550.D  
 Acq: 21 Jul 2018 3:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB1-12-0MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 17.9  | 26.9  |
| 138     | 22.7  | 21.8  | 32.8  |

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