

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120818\  
 Data File : BF111224.D  
 Acq On : 8 Dec 2018 12:33  
 Operator : JU/SJ  
 Sample : SSTDICC025  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Manual Integrations  
 APPROVED

Sohil  
 12/10/2018 4:58:50 PM

Quant Time: Dec 10 00:59:02 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 10 00:12:21 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 494766   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.08  | 136  | 1846143  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.84  | 164  | 857831   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 1436881  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.96 | 240  | 1038571  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.39 | 264  | 1032728  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.41  | 112 | 1551691 | 48.97 | ng | 0.00 |
| 7) Phenol-d6             | 6.43  | 99  | 2024833 | 49.74 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 1827559 | 58.42 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 425127  | 61.64 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.16  | 172 | 3015651 | 59.11 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.90 | 244 | 2417181 | 48.52 | ng | 0.00 |

## Target Compounds

|                                |      |     |          |        |    | Qvalue |
|--------------------------------|------|-----|----------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.52 | 88  | 402580   | 22.506 | ng | 99     |
| 3) Pyridine                    | 3.25 | 79  | 1045809  | 25.714 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.18 | 42  | 448687   | 22.883 | ng | 95     |
| 6) Aniline                     | 6.46 | 93  | 1272030  | 23.428 | ng | 97     |
| 8) 2-Chlorophenol              | 6.59 | 128 | 925261   | 25.377 | ng | 95     |
| 9) Benzaldehyde                | 6.35 | 77  | 641068   | 28.305 | ng | 99     |
| 10) Phenol                     | 6.44 | 94  | 1172759m | 26.147 | ng |        |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 845151   | 23.247 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.74 | 146 | 998397   | 25.694 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 1009153  | 25.787 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 940419   | 25.935 | ng | 98     |
| 15) Benzyl Alcohol             | 6.94 | 79  | 786841   | 24.503 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45  | 1616960  | 23.048 | ng | 99     |
| 17) 2-Methylphenol             | 7.05 | 107 | 696688   | 23.258 | ng | 100    |
| 18) Hexachloroethane           | 7.32 | 117 | 376471   | 25.726 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70  | 624571   | 22.927 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.20 | 107 | 861359   | 23.760 | ng | 99     |
| 22) Acetophenone               | 7.21 | 105 | 1109370  | 25.025 | ng | # 90   |
| 24) Nitrobenzene               | 7.38 | 77  | 963183   | 28.662 | ng | 92     |
| 25) Isophorone                 | 7.62 | 82  | 1507333  | 26.354 | ng | 99     |
| 26) 2-Nitrophenol              | 7.70 | 139 | 454019   | 31.177 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 712865   | 26.702 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 1012606  | 26.139 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.93 | 162 | 727488   | 27.682 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 670487   | 25.250 | ng | 98     |
| 31) Naphthalene                | 8.10 | 128 | 2233298  | 27.756 | ng | 98     |
| 32) Benzoic acid               | 7.83 | 122 | 611500   | 33.492 | ng | 98     |
| 33) 4-Chloroaniline            | 8.15 | 127 | 968358   | 24.975 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.23 | 225 | 395905   | 27.472 | ng | 96     |
| 35) Caprolactam                | 8.51 | 113 | 242774   | 25.114 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.63 | 107 | 724424   | 25.302 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 1467753  | 26.578 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.89 | 142 | 1460306  | 27.467 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 616233   | 26.917 | ng | 99     |

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.96  | 237  | 348245   | 28.540 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.07  | 196  | 481247   | 28.653 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.11  | 196  | 504242   | 29.541 | nq    | 94       |
| 46) 1,1'-Biphenyl              | 9.26  | 154  | 1990291  | 28.399 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.28  | 162  | 1481064  | 27.164 | nq    | 97       |
| 48) 2-Nitroaniline             | 9.37  | 65   | 471214   | 26.418 | nq    | 87       |
| 49) Acenaphthylene             | 9.70  | 152  | 2171294  | 28.477 | nq    | 96       |
| 50) Dimethylphthalate          | 9.56  | 163  | 1587891  | 26.641 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.62  | 165  | 358206   | 28.119 | nq    | 98       |
| 52) Acenaphthene               | 9.87  | 154  | 1349598  | 26.724 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.78  | 138  | 465825   | 29.106 | nq    | 100      |
| 54) 2,4-Dinitrophenol          | 9.88  | 184  | 131845   | 34.875 | nq    | # 45     |
| 55) Dibenzofuran               | 10.04 | 168  | 1938935  | 27.955 | nq    | 98       |
| 56) 4-Nitrophenol              | 9.93  | 139  | 365132   | 30.106 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.02 | 165  | 457173   | 27.634 | nq    | # 99     |
| 58) Fluorene                   | 10.38 | 166  | 1456407  | 29.886 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 361746   | 28.332 | nq    | 99       |
| 60) Diethylphthalate           | 10.26 | 149  | 1638089  | 27.456 | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204  | 729680   | 30.340 | nq    | 96       |
| 62) 4-Nitroaniline             | 10.39 | 138  | 440932   | 30.232 | nq    | 98       |
| 63) Azobenzene                 | 10.53 | 77   | 1785410  | 28.226 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.42 | 198  | 229131   | 36.016 | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.49 | 169  | 1453127  | 28.920 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.87 | 248  | 448619   | 29.349 | nq    | 93       |
| 68) Hexachlorobenzene          | 10.93 | 284  | 454341   | 29.044 | nq    | 93       |
| 69) Atrazine                   | 11.02 | 200  | 396176   | 28.974 | nq    | 98       |
| 70) Pentachlorophenol          | 11.12 | 266  | 314598   | 30.262 | nq    | 98       |
| 71) Phenanthrene               | 11.35 | 178  | 1982651  | 28.711 | nq    | 95       |
| 72) Anthracene                 | 11.39 | 178  | 2003483  | 28.774 | nq    | 96       |
| 73) Carbazole                  | 11.55 | 167  | 2127059  | 29.314 | nq    | 97       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 2376097  | 27.996 | nq    | 98       |
| 75) Fluoranthene               | 12.53 | 202  | 1965382  | 28.984 | nq    | 99       |
| 77) Benzidine                  | 12.65 | 184  | 920327   | 26.125 | nq    | 98       |
| 78) Pyrene                     | 12.76 | 202  | 2049784  | 25.601 | nq    | 97       |
| 80) Butylbenzylphthalate       | 13.38 | 149  | 1097398  | 28.295 | nq    | 97       |
| 81) Benzo(a)anthracene         | 13.94 | 228  | 1523281  | 25.279 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.90 | 252  | 650575   | 28.261 | nq    | 97       |
| 83) Chrysene                   | 13.98 | 228  | 1609102  | 26.683 | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 1194308  | 25.600 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 1925010  | 25.845 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.80 | 276  | 1061307  | 21.815 | nq    | 97       |
| 88) Benzo(b)fluoranthene       | 14.97 | 252  | 1413855  | 24.170 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.00 | 252  | 1444124  | 25.646 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.33 | 252  | 1311889  | 24.479 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.82 | 278  | 890612   | 19.829 | nq    | 97       |
| 92) Benzo(g,h,i)perylene       | 17.22 | 276  | 856749   | 18.977 | nq    | 94       |

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

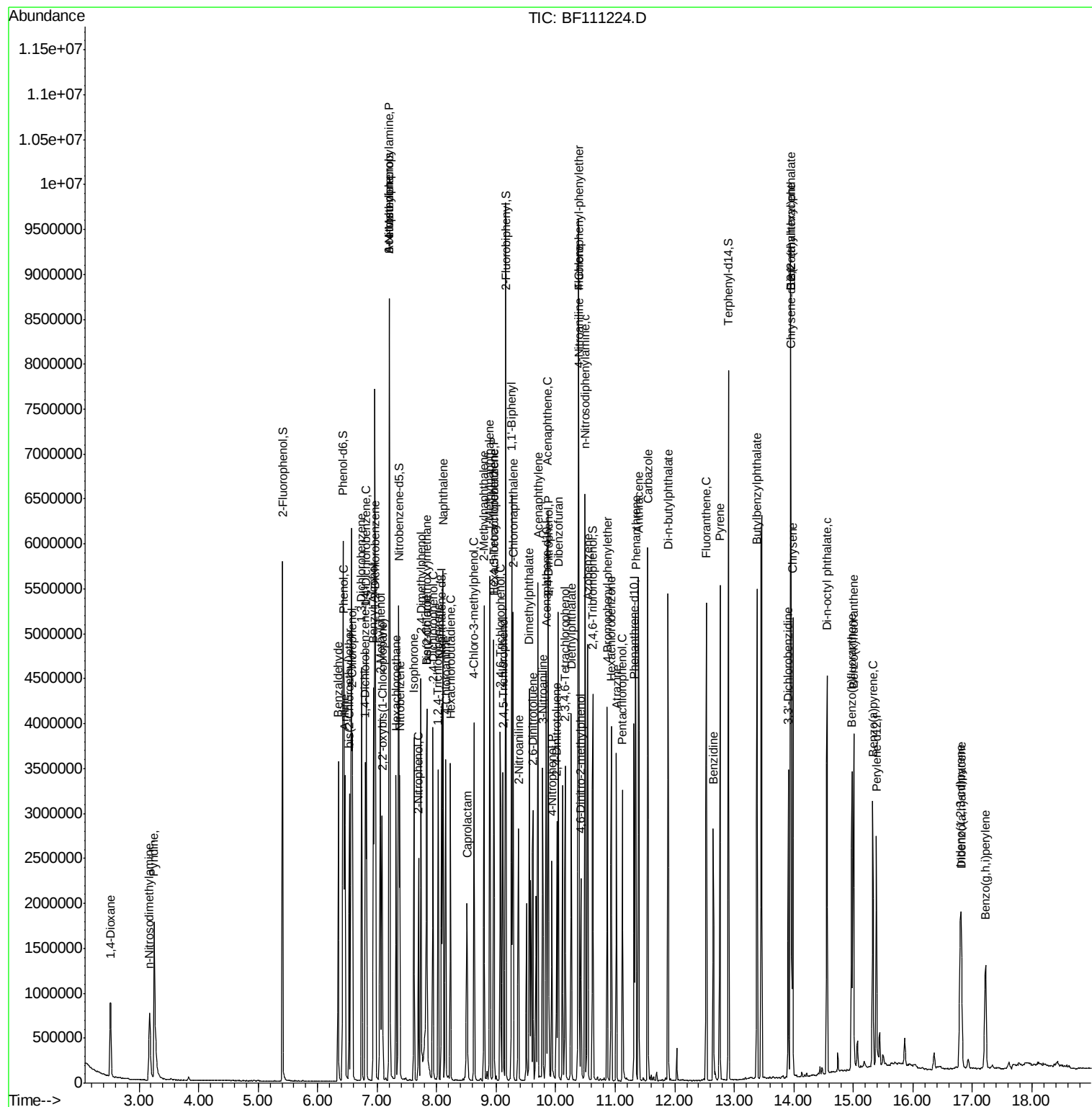
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120818\  
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 Operator : JU/SJ  
 Sample : SSTDICC025  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

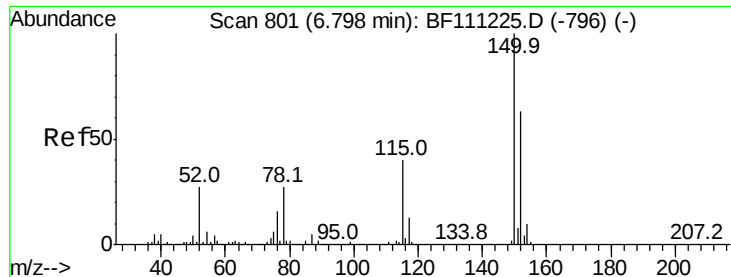
Instrument :  
 BNA\_F  
 ClientSampled :  
 SSTDICC025

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#1

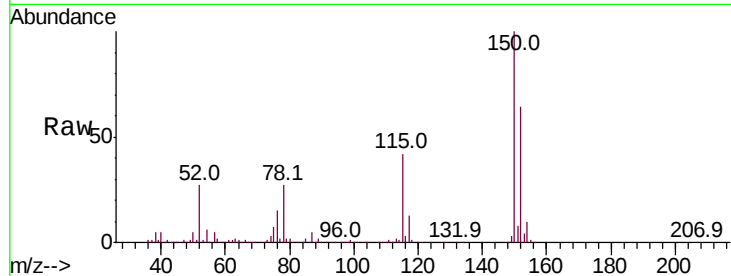
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 801  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.5 | 126.6 | 189.8 |
| 115     | 65.4  | 50.7  | 76.1  |

Manual Integrations  
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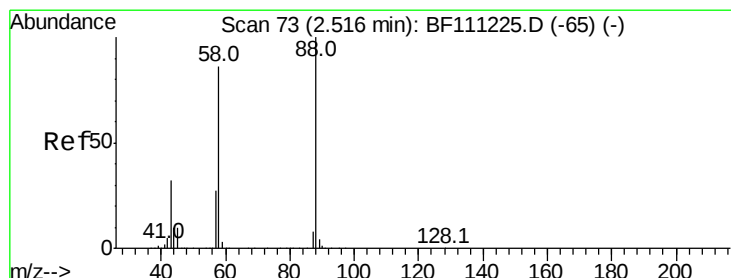
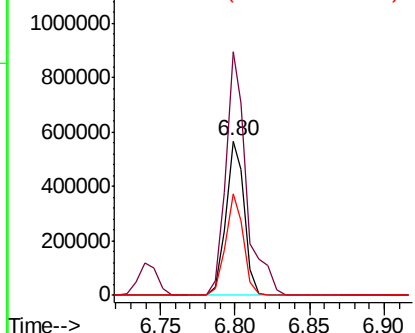
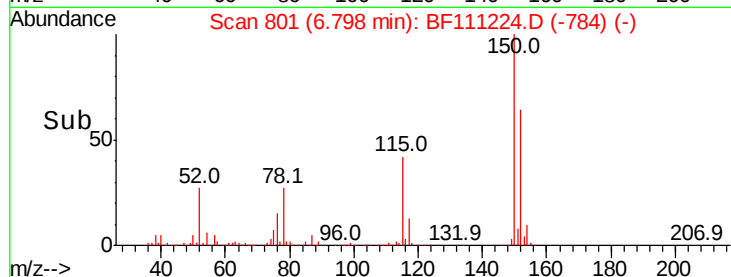


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

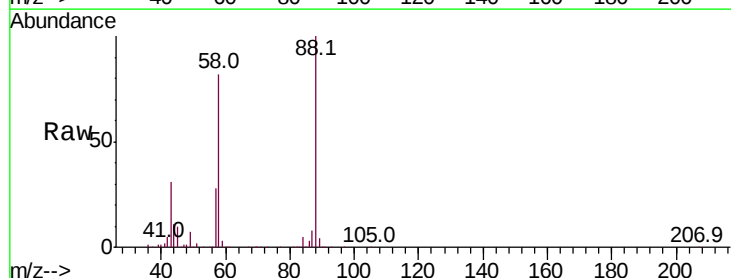
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 22.506 ng  
RT: 2.52 min Scan# 74  
Delta R.T. 0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 85.5  | 68.9  | 103.3 |
| 43      | 31.9  | 25.8  | 38.6  |

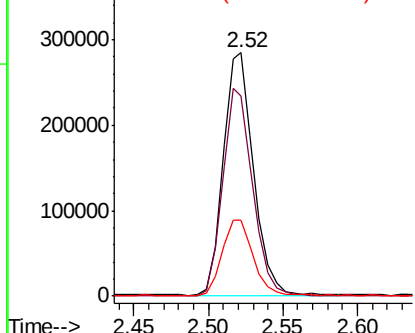
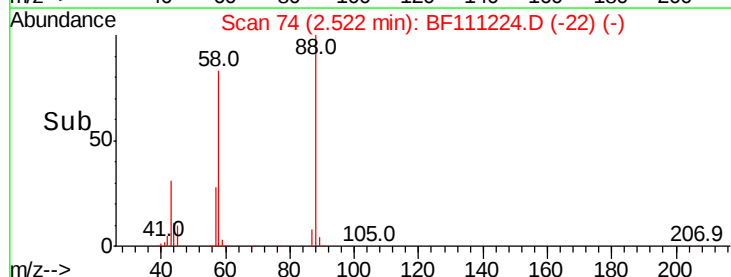


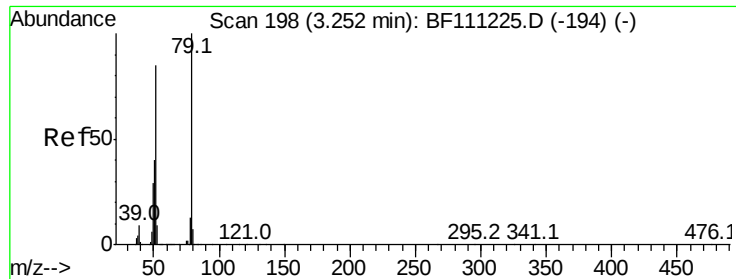
Abundance

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: 25.714 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.00 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC025

Tot Ion: 79 Resp: 1045809

Ion Ratio Lower Upper

79 100

52 83.7 68.3 102.5

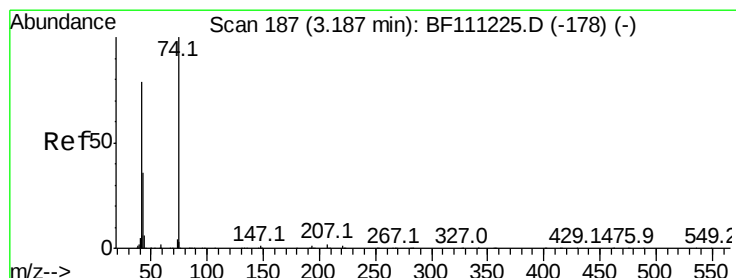
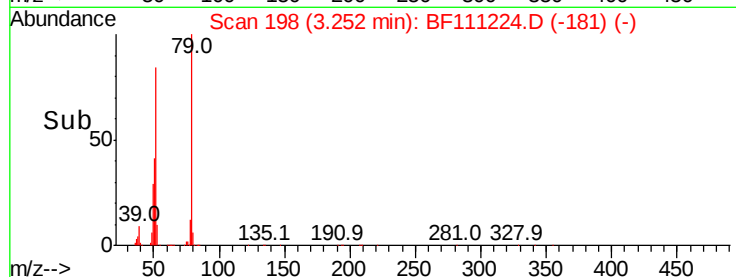
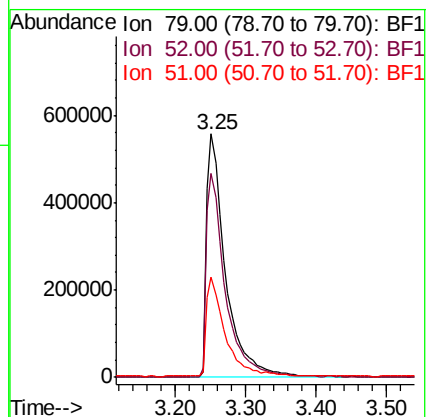
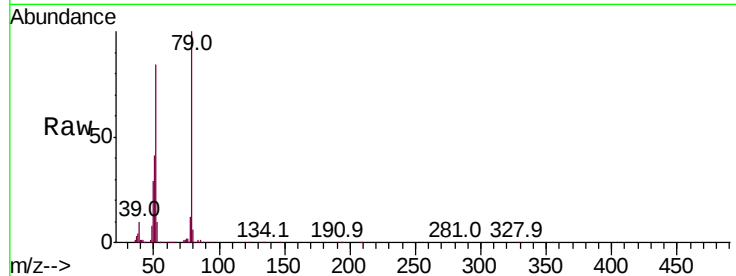
51 41.2 32.6 49.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 22.883 ng

RT: 3.18 min Scan# 185

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

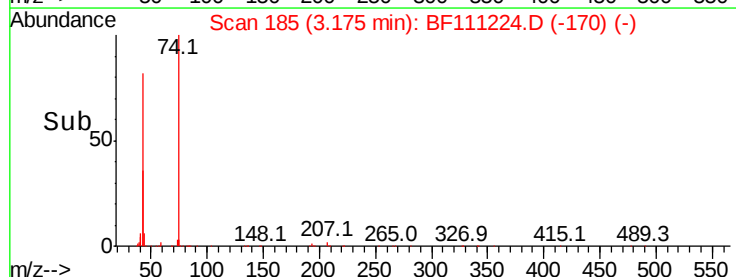
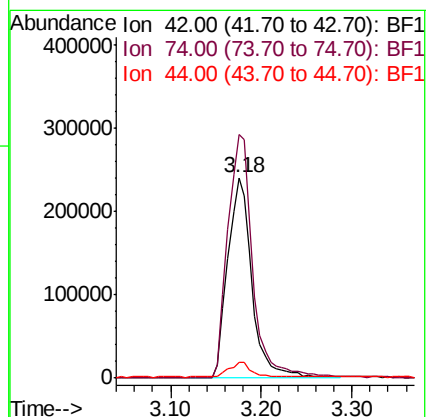
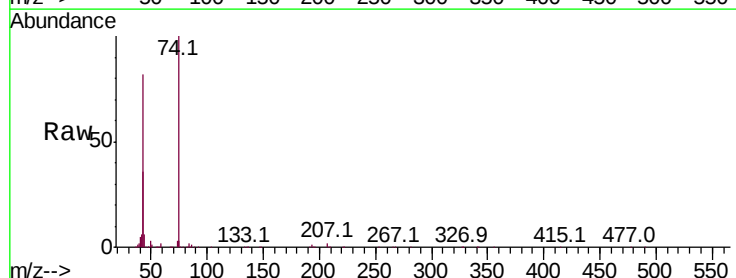
Tgt Ion: 42 Resp: 448687

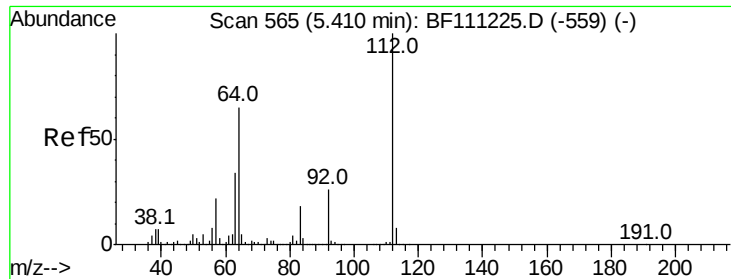
Ion Ratio Lower Upper

42 100

74 121.4 101.5 152.3

44 7.6 6.0 9.0





#5

2-Fluorophenol

Concen: 48.972 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC025

Tot Ion:112 Resp: 1551691

Ion Ratio Lower Upper

112 100

64 61.2 51.8 77.6

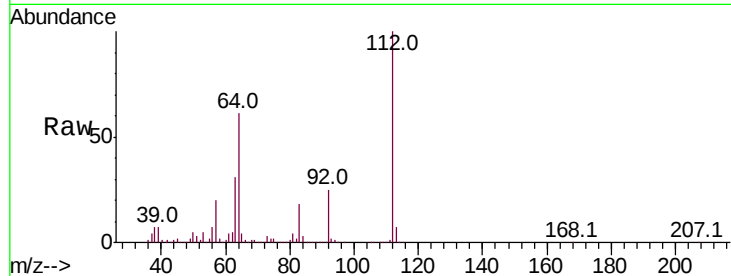
63 31.3 26.8 40.2

Manual Integrations

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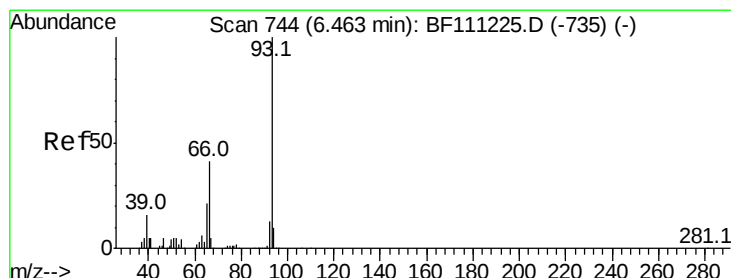
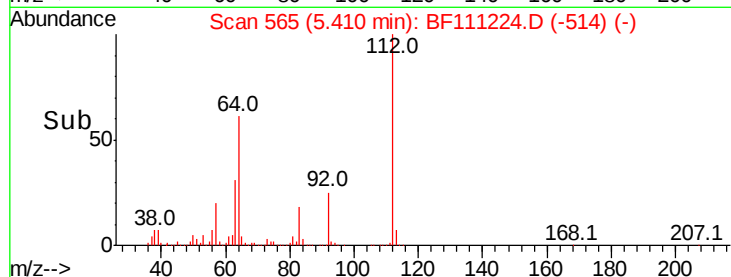
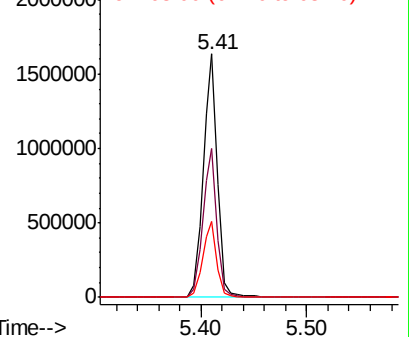
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.428 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

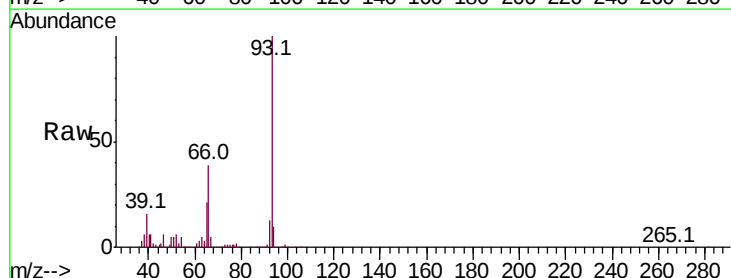
Tgt Ion: 93 Resp: 1272030

Ion Ratio Lower Upper

93 100

66 39.1 33.2 49.8

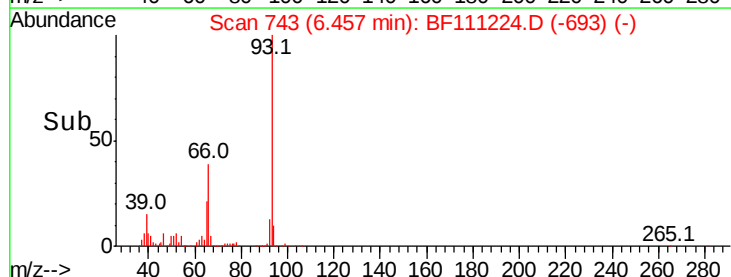
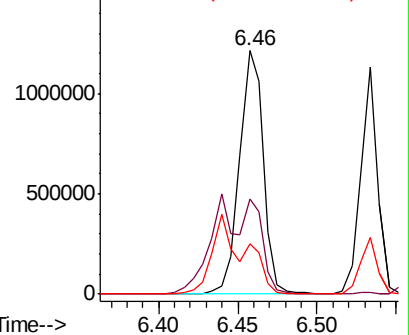
65 20.7 17.0 25.4

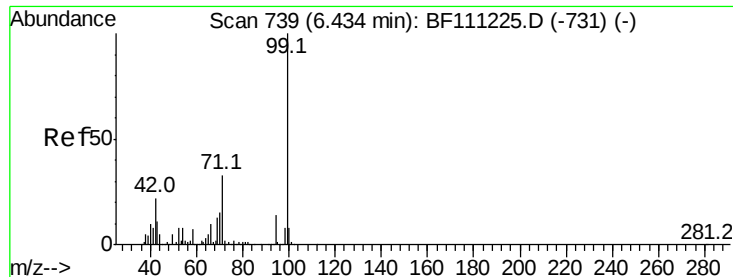


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 49.736 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

ClientSampleId :

SSTDIC025

Tot Ion: 99 Resp: 2024833

Ion Ratio Lower Upper

99 100

42 20.8 17.4 26.0

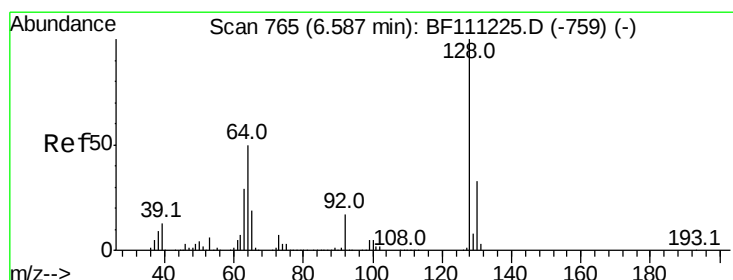
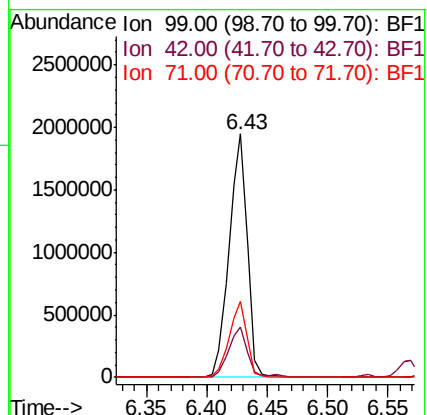
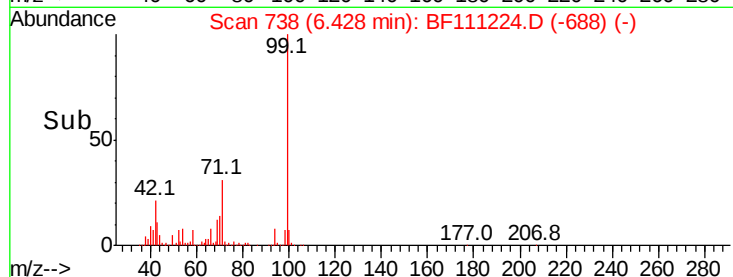
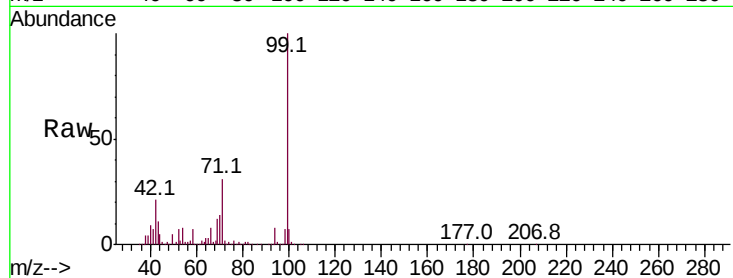
71 31.4 26.1 39.1

Manual Integrations

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#8

2-Chlorophenol

Concen: 25.377 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

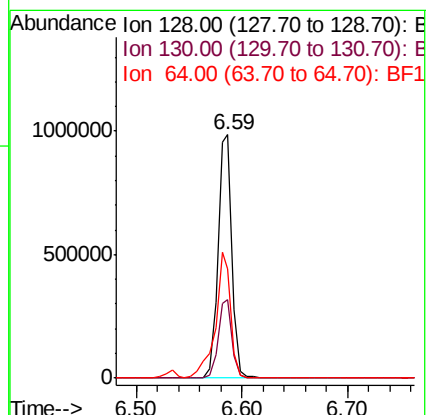
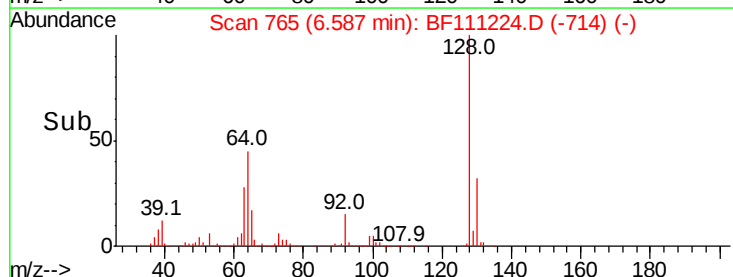
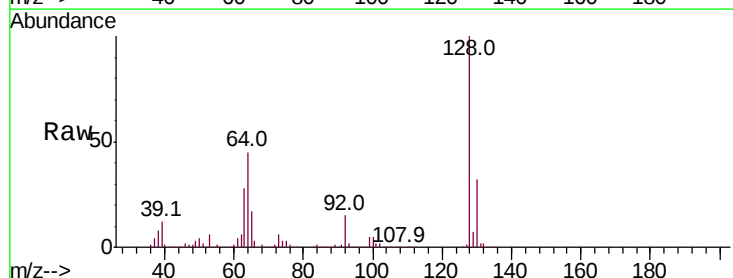
Tgt Ion: 128 Resp: 925261

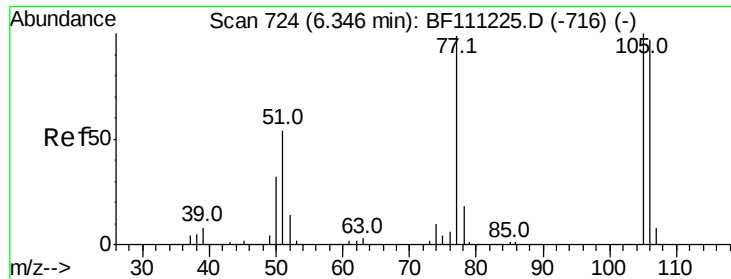
Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

64 45.1 30.0 70.0





#9

Benzaldehyde

Concen: 28.305 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

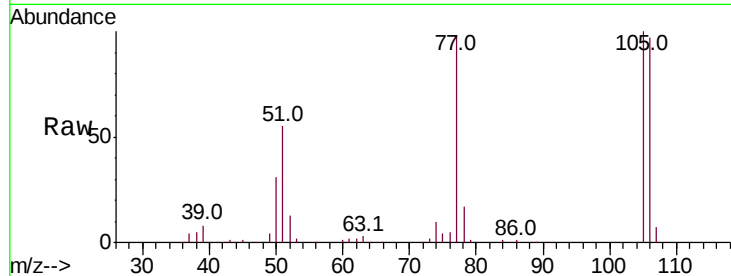
ClientSampleID :

SSTDICC025

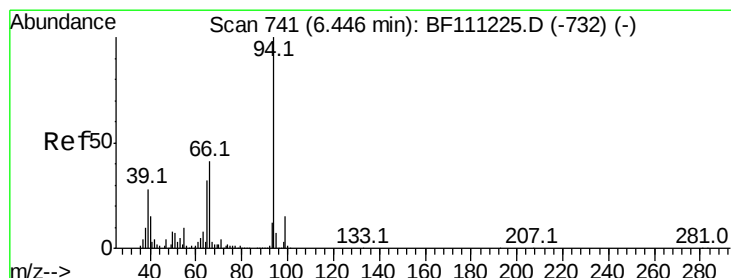
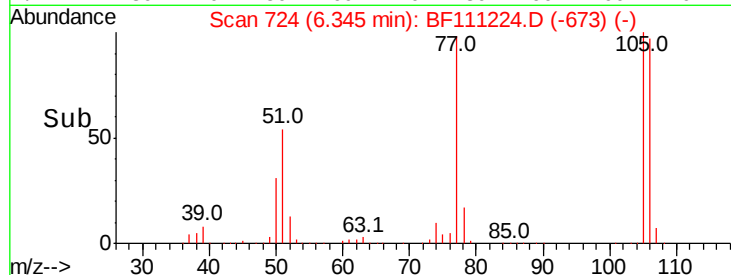
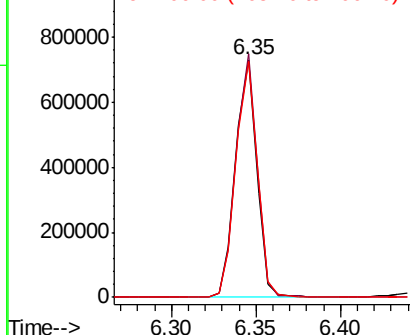
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 641068 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 102.4 | 81.4  | 121.4  |
| 106      | 99.2  | 77.9  | 117.9  |

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Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 105.00 (104.70 to 105.70): E  
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 26.147 ng m

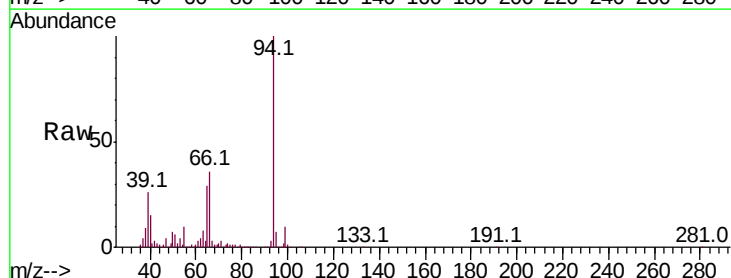
RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

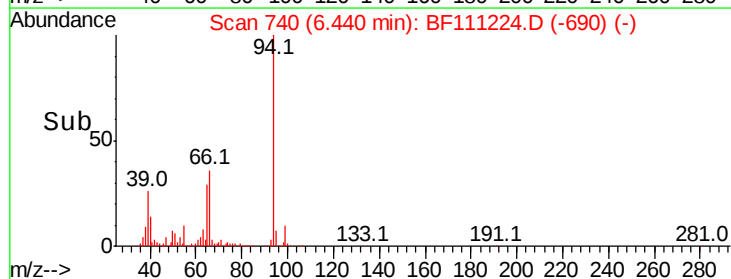
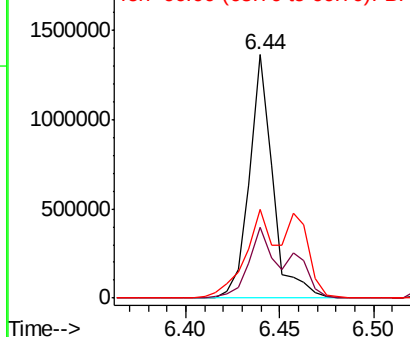
Lab File: BF111224.D

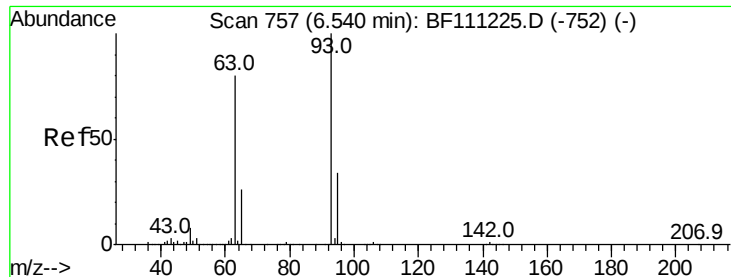
Acq: 8 Dec 2018 12:33

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 94    | Resp: | 1172759 |
| Ion      | Ratio | Lower | Upper   |
| 94       | 100   |       |         |
| 65       | 29.0  | 11.7  | 51.7    |
| 66       | 36.5  | 21.0  | 61.0    |



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: 23.247 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

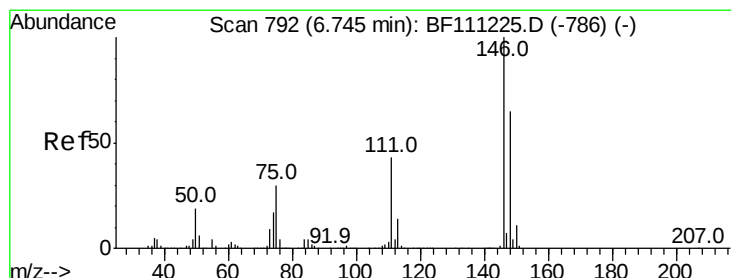
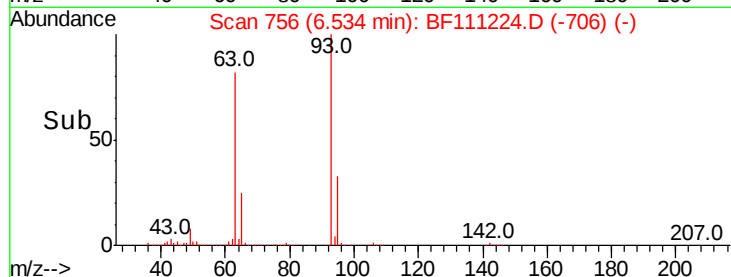
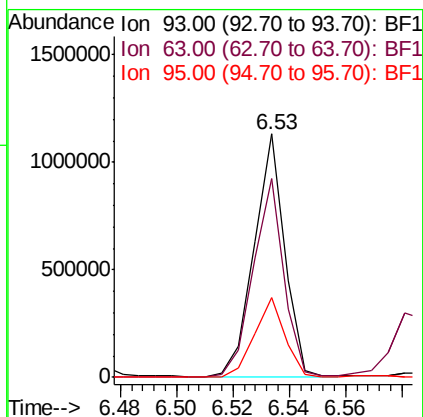
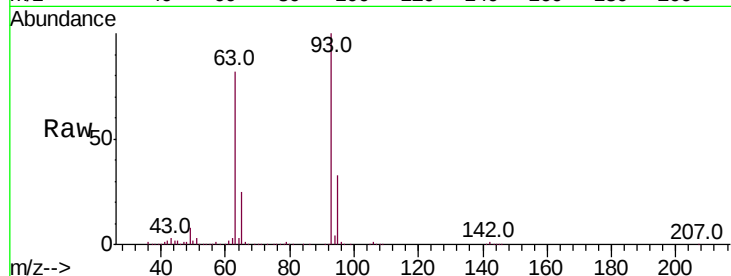
ClientSampleId :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 845151 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 81.8  | 60.0  | 100.0  |
| 95        | 32.6  | 13.4  | 53.4   |

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#12

1,3-Dichlorobenzene

Concen: 25.694 ng

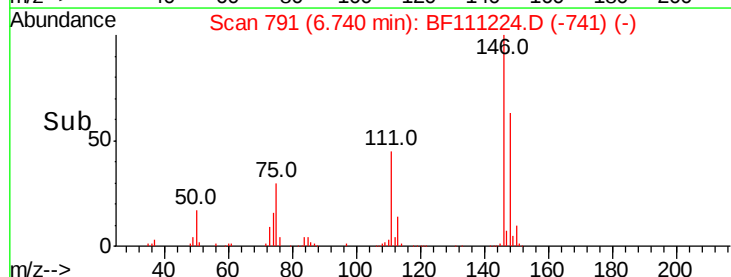
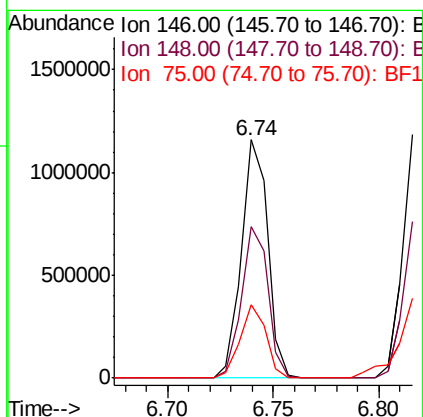
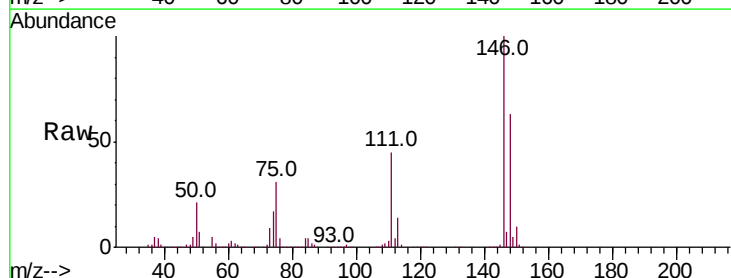
RT: 6.74 min Scan# 791

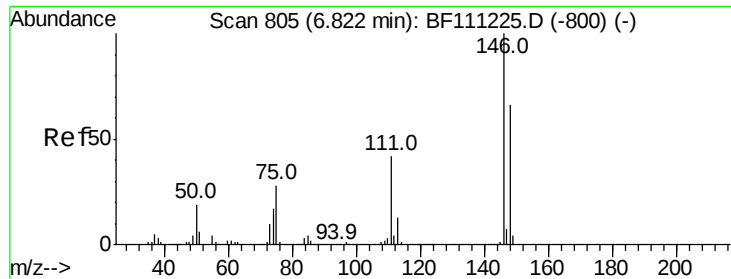
Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 998397 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.4  | 52.1  | 78.1   |
| 75        | 30.9  | 23.9  | 35.9   |





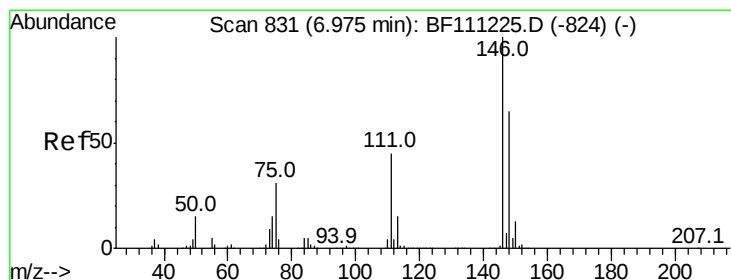
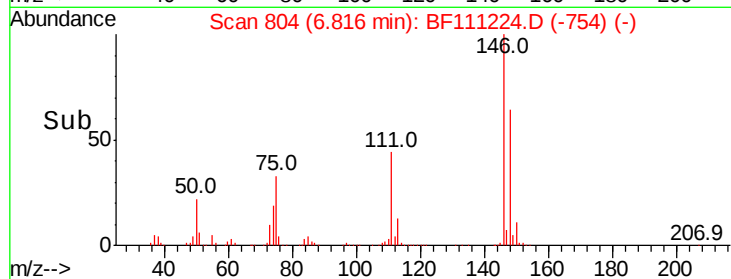
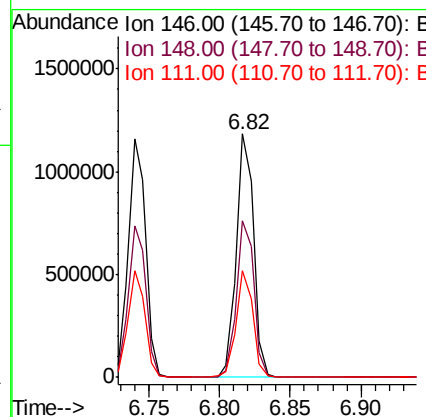
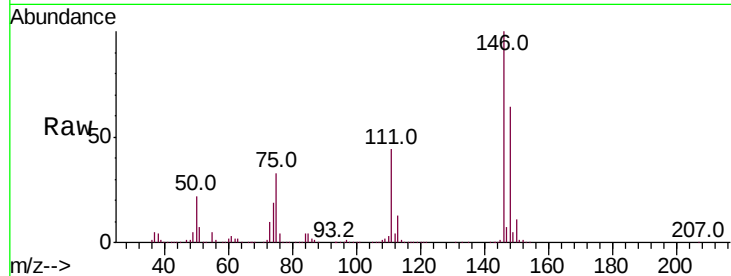
#13  
1,4-Dichlorobenzene  
Concen: 25.787 ng  
RT: 6.82 min Scan# 804  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

Tot Ion:146 Resp: 1009153  
Ion Ratio Lower Upper  
146 100  
148 64.2 52.8 79.2  
111 43.8 33.4 50.0

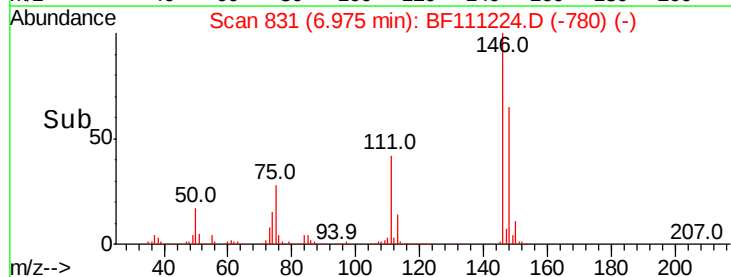
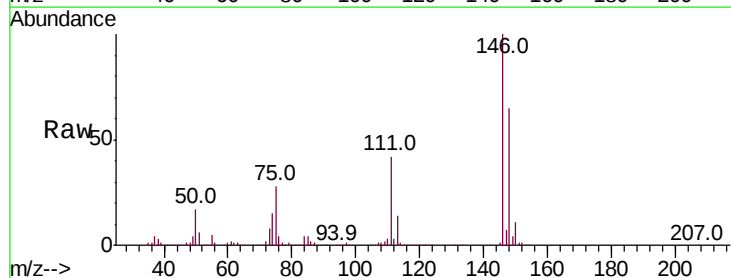
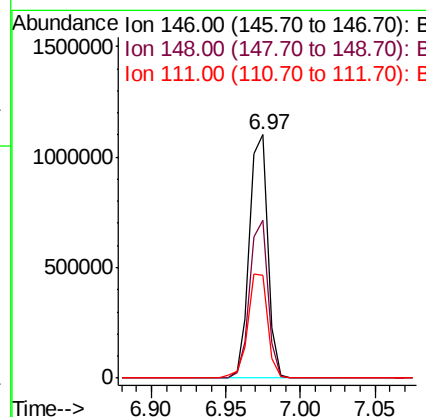
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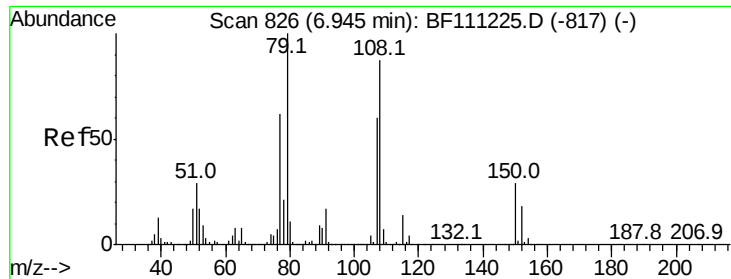
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#14  
1,2-Dichlorobenzene  
Concen: 25.935 ng  
RT: 6.97 min Scan# 831  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Tgt Ion:146 Resp: 940419  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.9 77.9  
111 42.1 36.2 54.4





#15

Benzyl Alcohol

Concen: 24.503 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

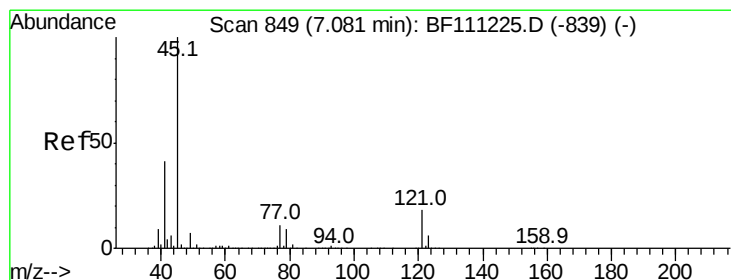
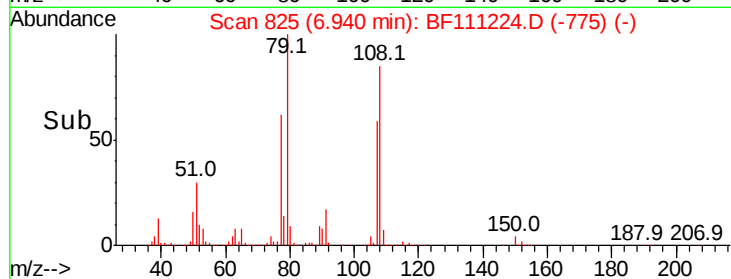
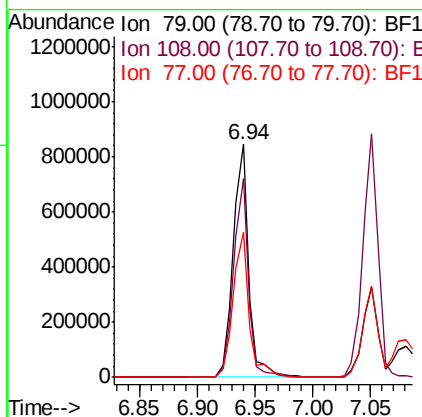
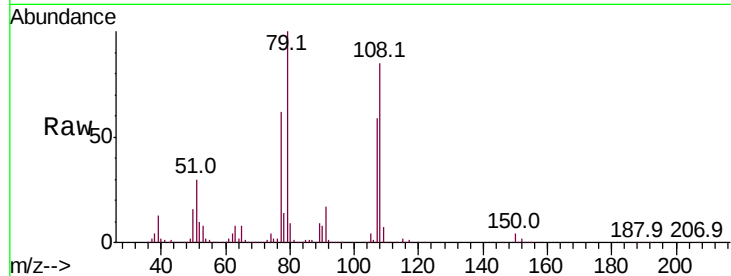
ClientSampleId :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 786841 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 85.2  | 69.4  | 104.2  |
| 77        | 62.4  | 49.7  | 74.5   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 23.048 ng

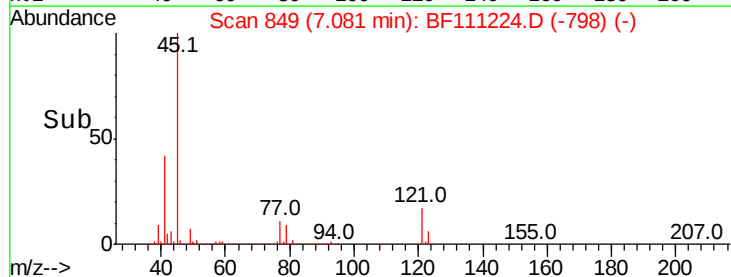
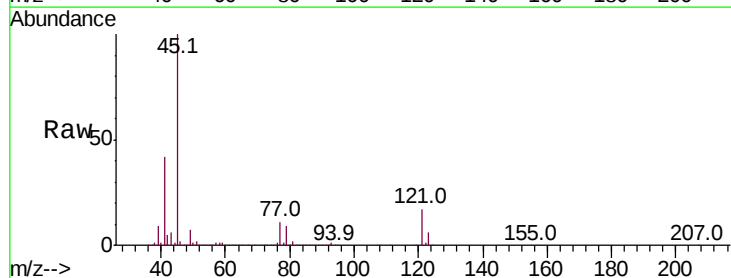
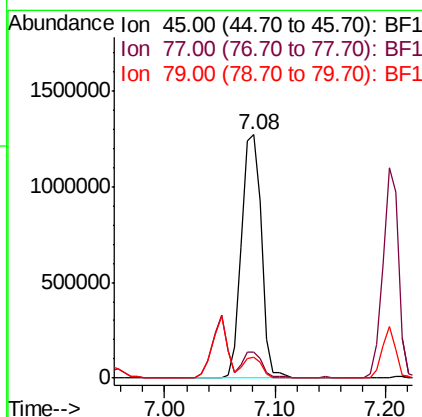
RT: 7.08 min Scan# 849

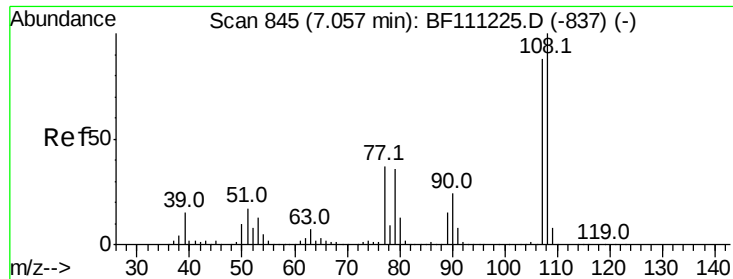
Delta R.T. -0.00 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1616960 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 77        | 10.7  | 0.0   | 31.5    |
| 79        | 8.7   | 0.0   | 28.9    |





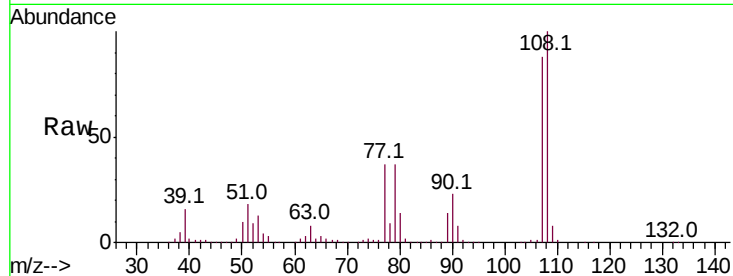
#17  
2-Methylphenol  
Concen: 23.258 ng  
RT: 7.05 min Scan# 844  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 696688 |       |       |
| 108     | 113.4 | 91.0   | 136.4 |       |
| 77      | 42.3  | 33.5   | 50.3  |       |
| 79      | 41.8  | 33.3   | 49.9  |       |

Manual Integrations  
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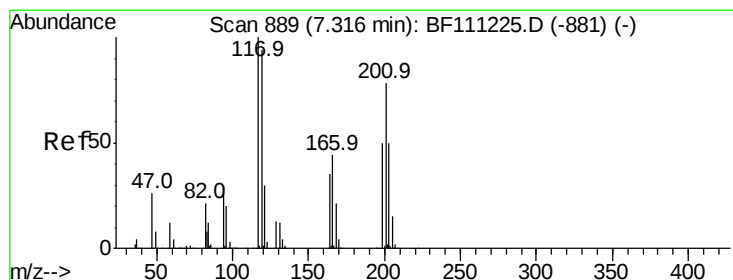
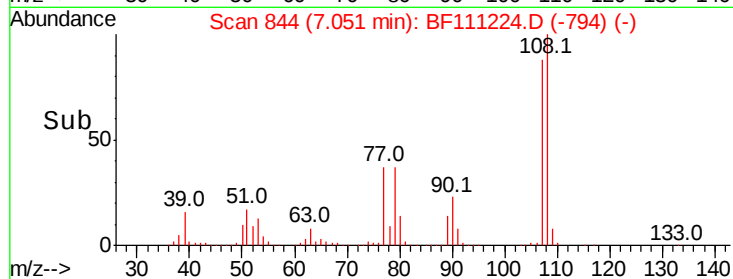
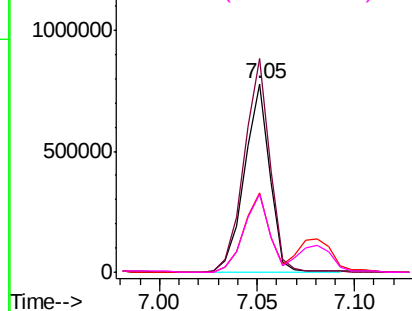
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

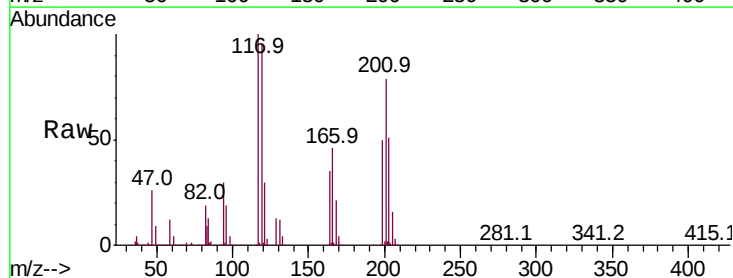
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 25.726 ng  
RT: 7.32 min Scan# 889  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 376471 |       |       |
| 119     | 95.0  | 75.4   | 113.0 |       |
| 201     | 79.1  | 62.4   | 93.6  |       |

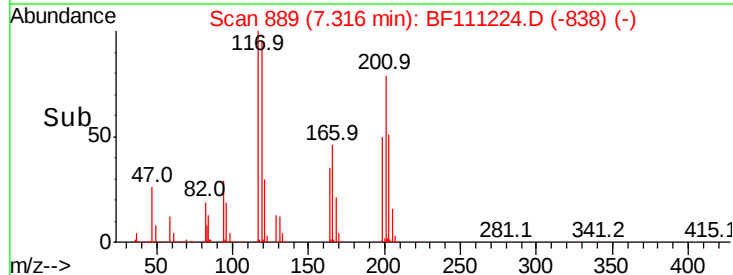
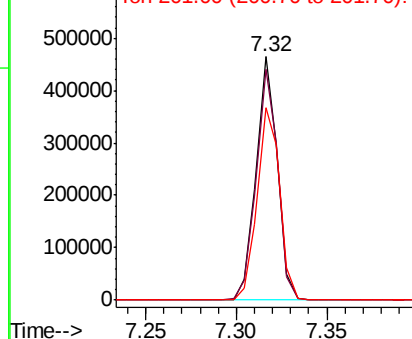


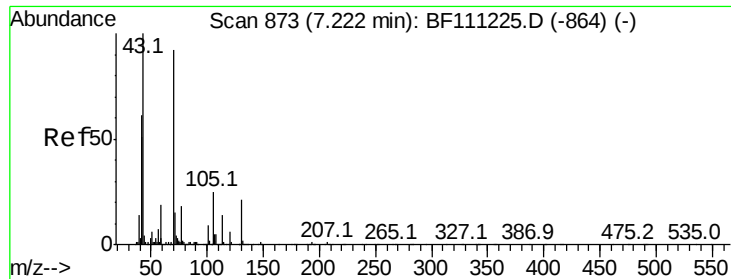
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





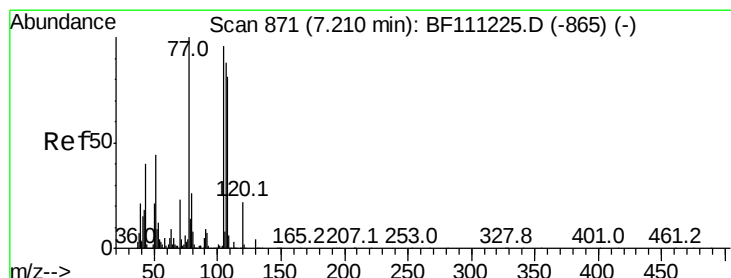
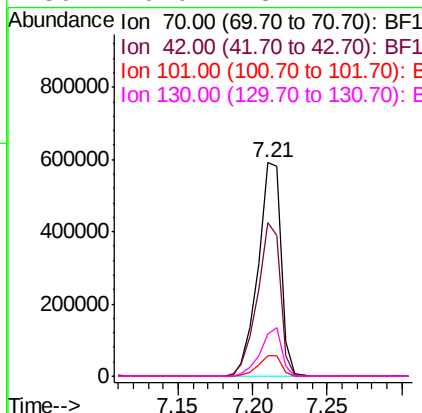
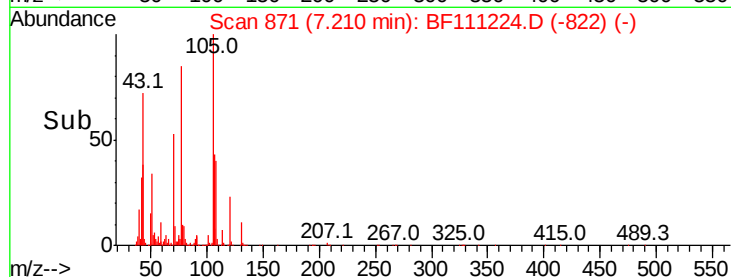
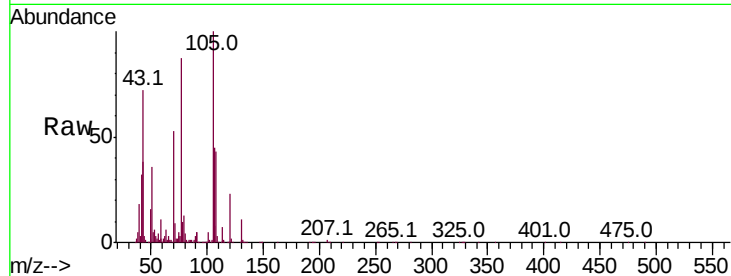
#19  
n-Nitroso-di-n-propylamine  
Concen: 22.927 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 72.2 | 53.2  | 79.8  |       |
| 101     | 9.3  | 8.2   | 12.4  |       |
| 130     | 20.0 | 18.1  | 27.1  |       |

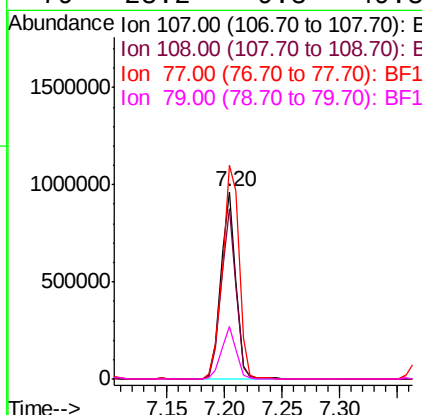
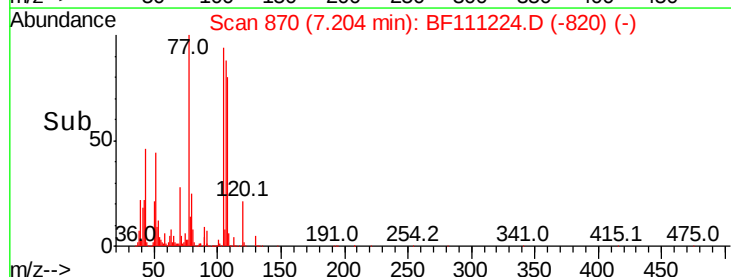
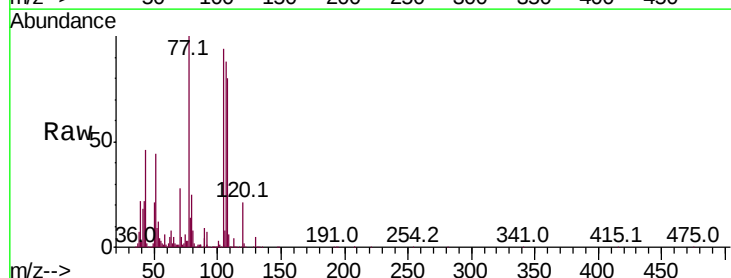
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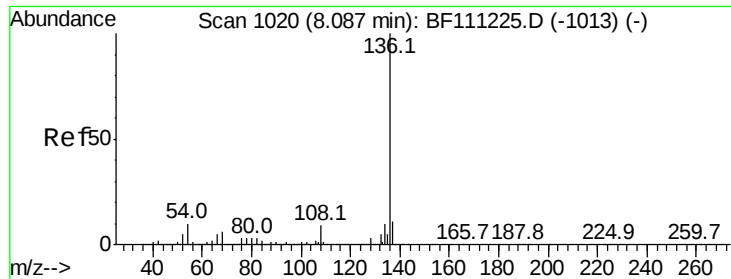
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12/10/2018 4:58:50 PM



#20  
3+4-Methylphenols  
Concen: 23.760 ng  
RT: 7.20 min Scan# 870  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |
| 108     | 90.8  | 72.1  | 112.1 |       |
| 77      | 114.2 | 94.1  | 134.1 |       |
| 79      | 28.2  | 9.8   | 49.8  |       |





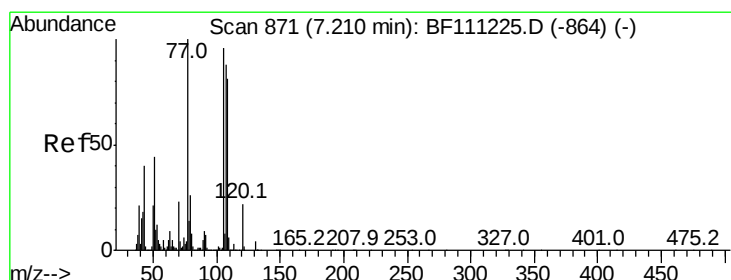
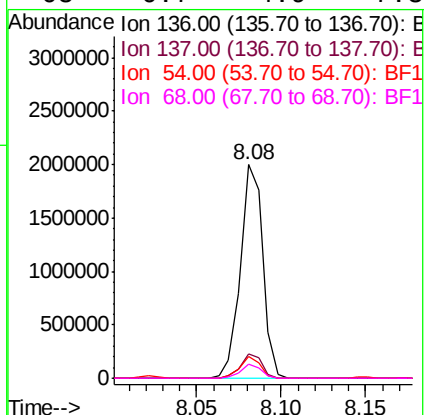
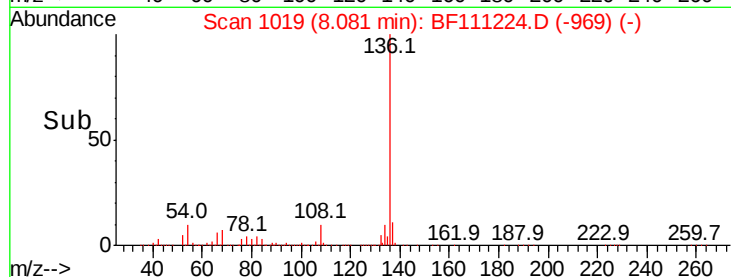
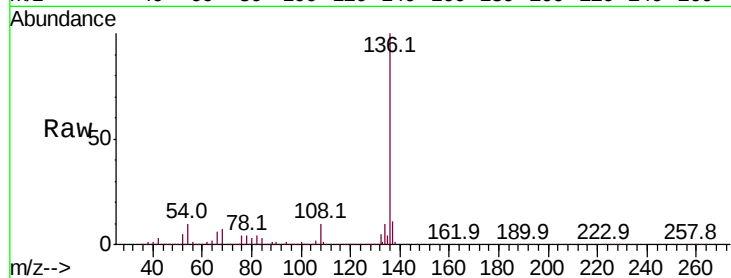
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.1  | 9.1   | 13.7  |
| 54      | 10.3  | 7.7   | 11.5  |
| 68      | 6.7   | 4.9   | 7.3   |

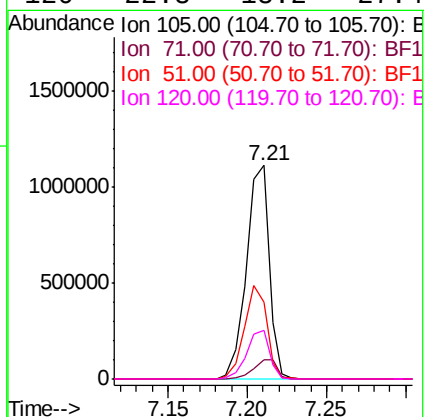
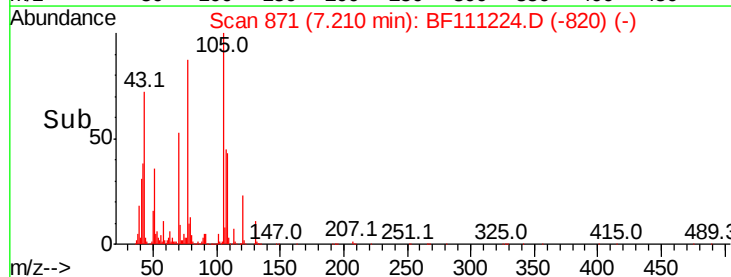
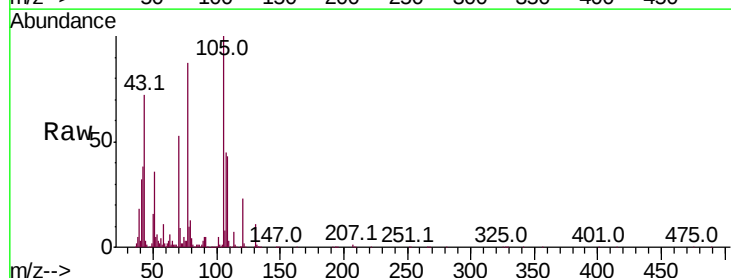
Manual Integrations  
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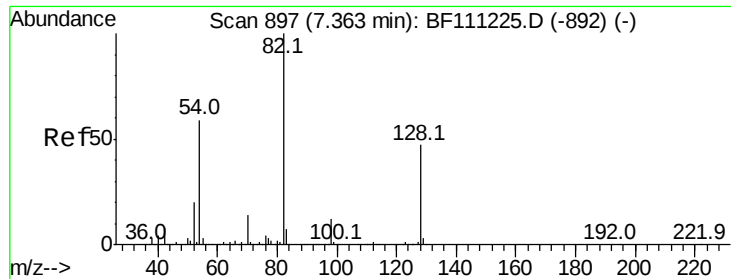
Sohil  
12/10/2018 4:58:50 PM



#22  
Acetophenone  
Concen: 25.025 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 9.2   | 3.1   | 4.7#  |
| 51      | 35.8  | 36.6  | 54.8# |
| 120     | 22.8  | 18.2  | 27.4  |





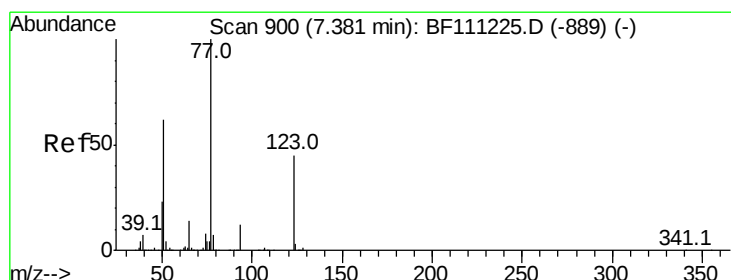
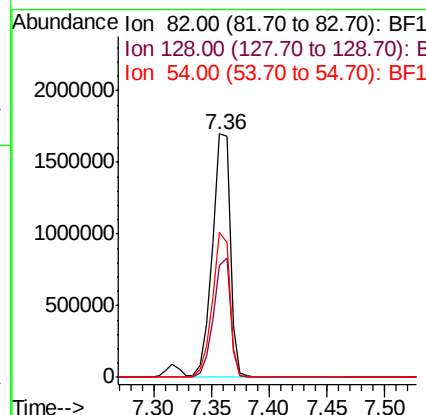
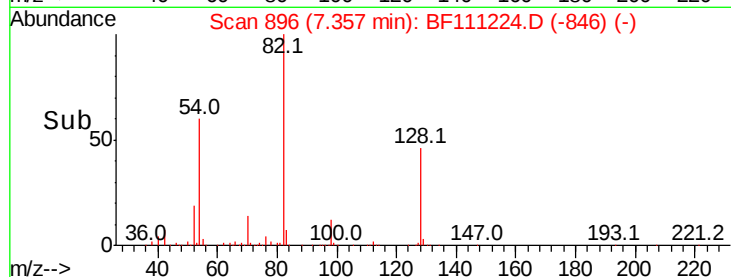
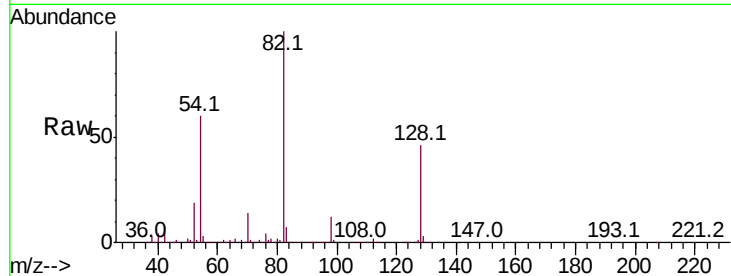
#23  
Nitrobenzene-d5  
Concen: 58.417 ng  
RT: 7.36 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

Tot Ion: 82 Resp: 1827559  
Ion Ratio Lower Upper  
82 100  
128 45.8 37.4 56.2  
54 59.7 47.6 71.4

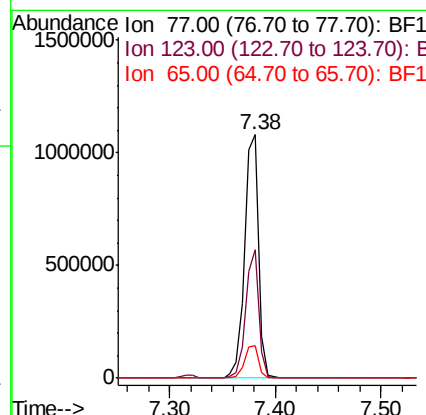
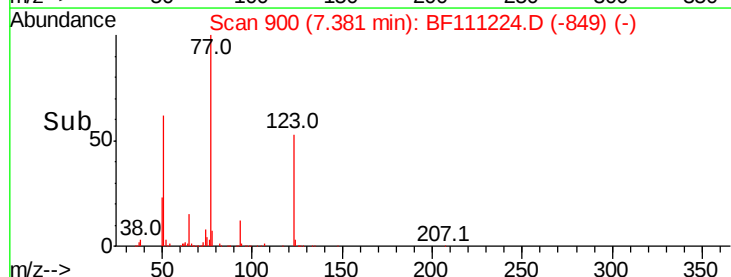
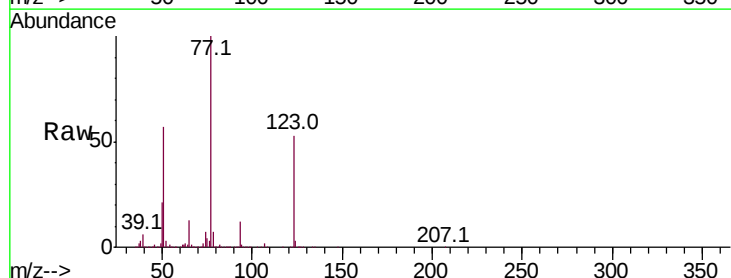
Manual Integrations  
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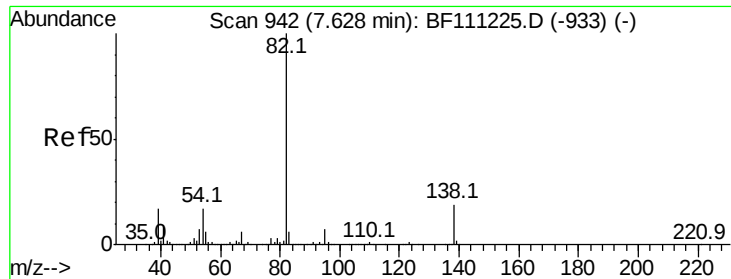
Sohil  
12/10/2018 4:58:50 PM



#24  
Nitrobenzene  
Concen: 28.662 ng  
RT: 7.38 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Tgt Ion: 77 Resp: 963183  
Ion Ratio Lower Upper  
77 100  
123 52.6 37.2 55.8  
65 13.5 11.5 17.3





#25

Isophorone

Concen: 26.354 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC025

Tot Ion: 82 Resp: 1507333

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

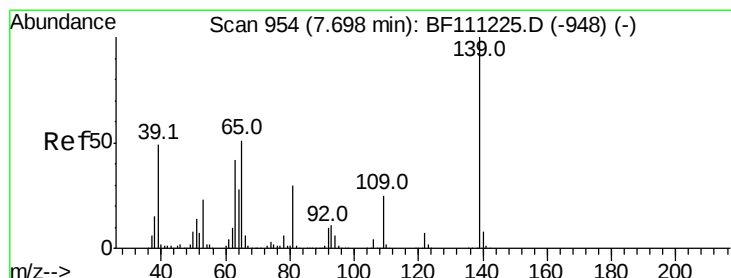
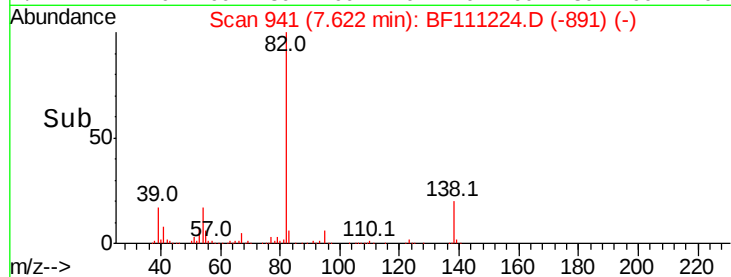
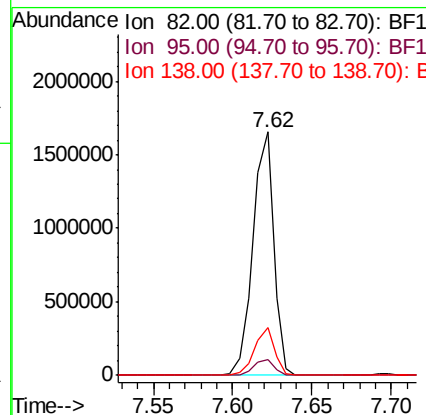
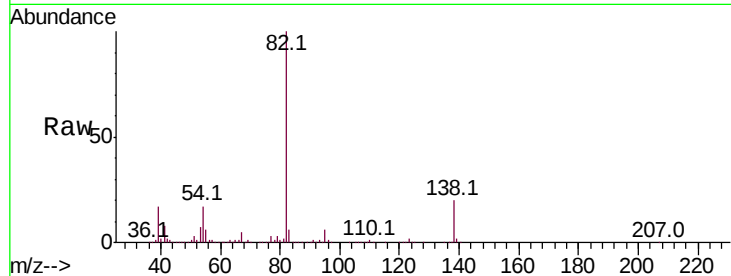
138 19.6 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 31.177 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

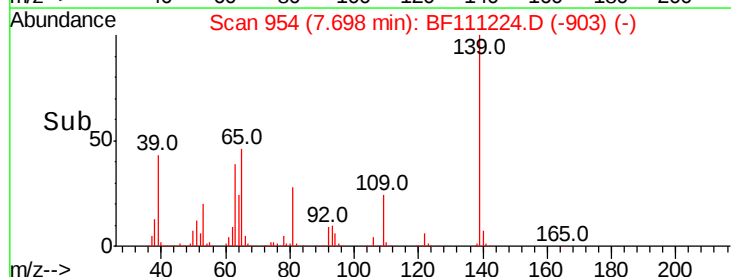
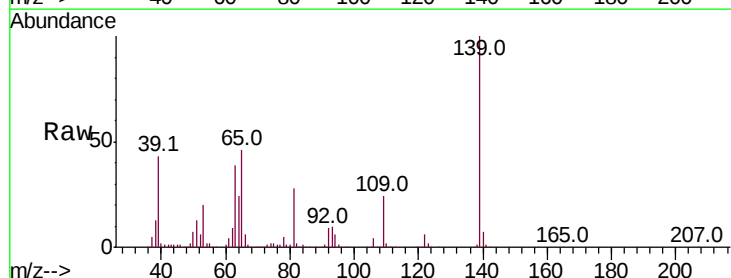
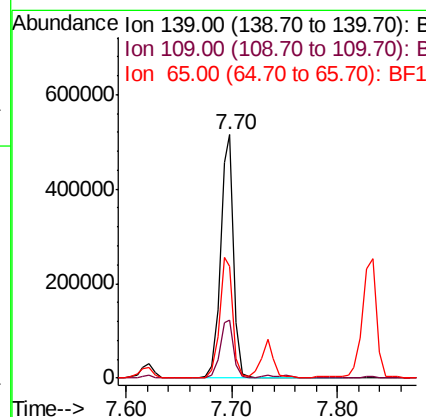
Tgt Ion: 139 Resp: 454019

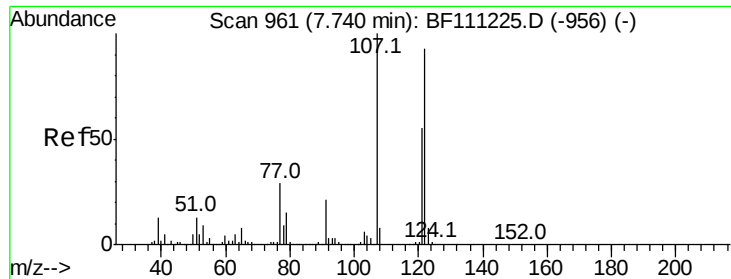
Ion Ratio Lower Upper

139 100

109 24.1 20.2 30.4

65 46.0 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 26.702 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

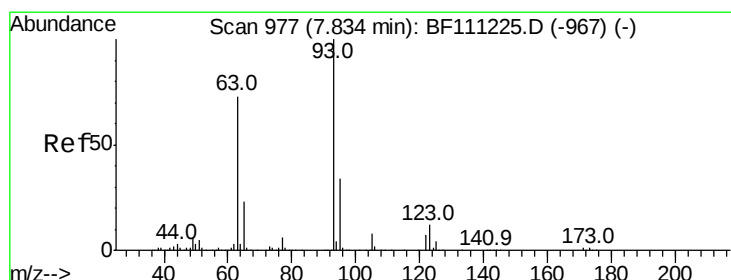
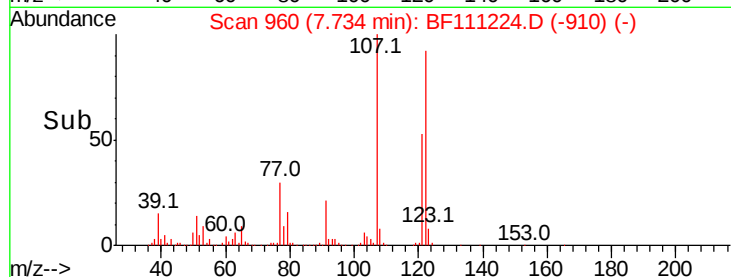
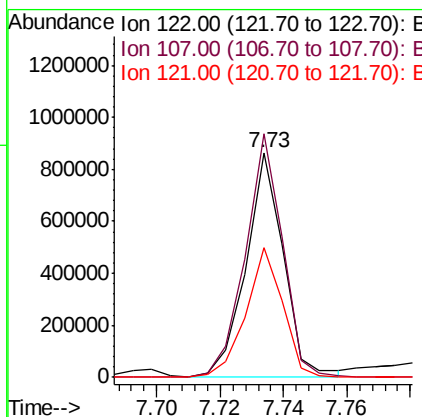
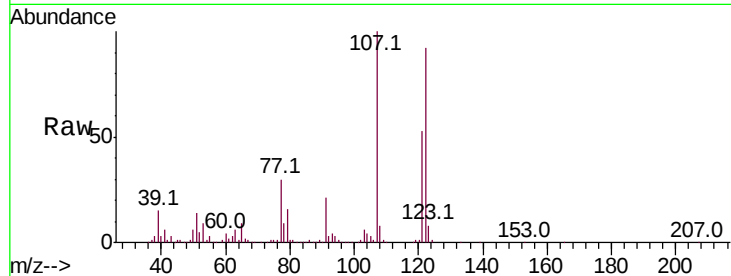
ClientSampleId :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 712865 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 108.2 | 85.5  | 128.3  |
| 121       | 57.7  | 46.6  | 70.0   |

Manual Integrations  
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#28

bis(2-Chloroethoxy)methane

Concen: 26.139 ng

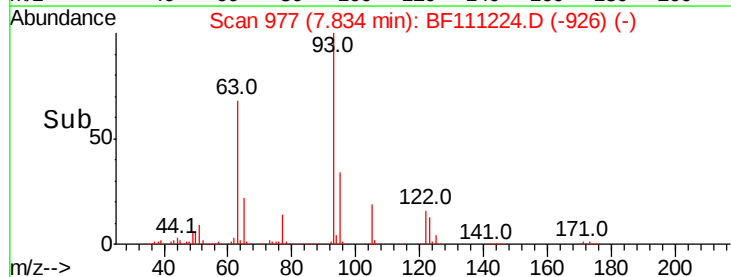
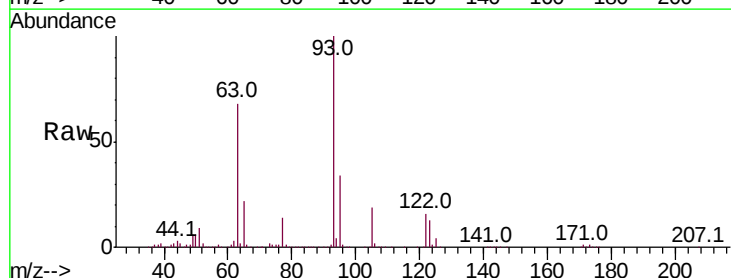
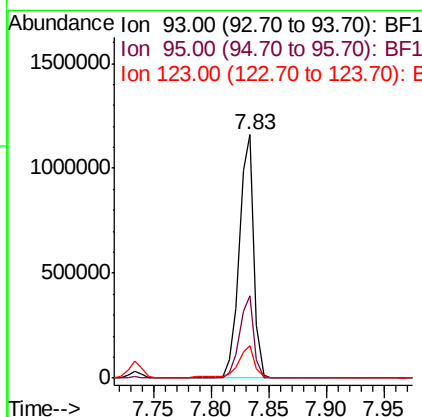
RT: 7.83 min Scan# 977

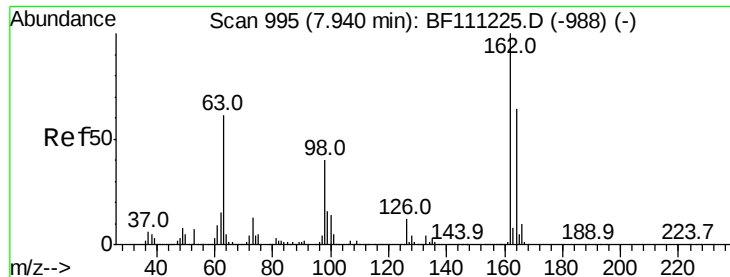
Delta R.T. -0.00 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 93    | Resp: | 1012606 |
| Ion Ratio | Lower | Upper |         |
| 93        | 100   |       |         |
| 95        | 33.6  | 27.1  | 40.7    |
| 123       | 13.4  | 9.9   | 14.9    |





#29

2,4-Dichlorophenol

Concen: 27.682 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

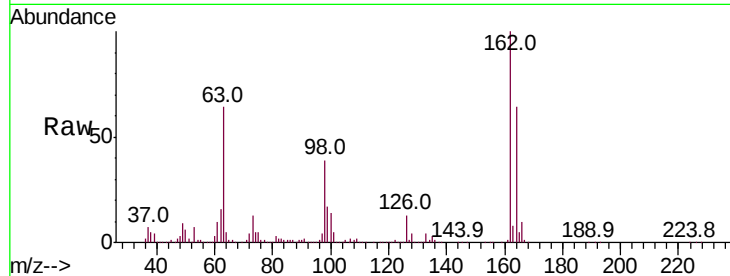
ClientSampleId :

SSTDIC025

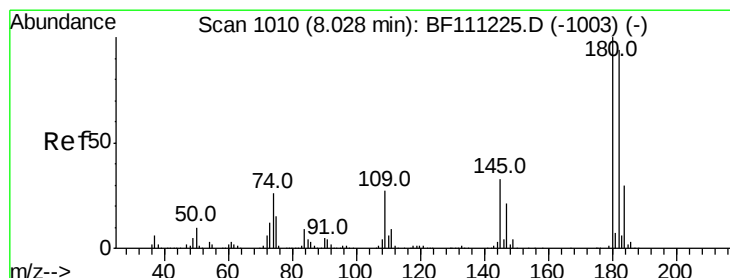
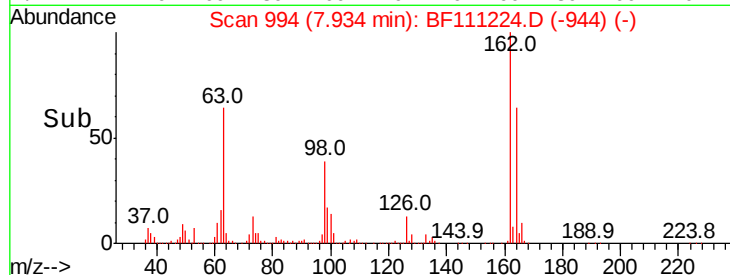
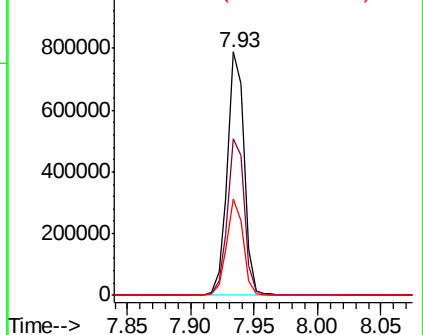
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 727488 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.4  | 44.4  | 84.4   |
| 98        | 39.5  | 20.3  | 60.3   |

Manual Integrations  
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Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 25.250 ng

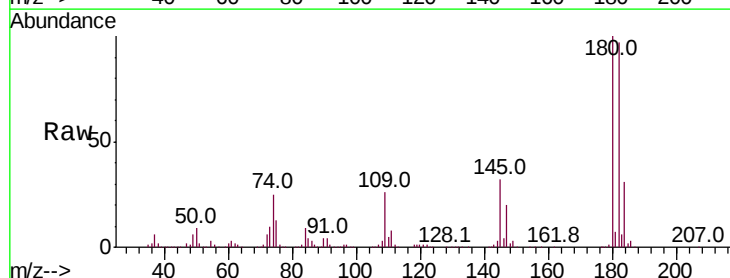
RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

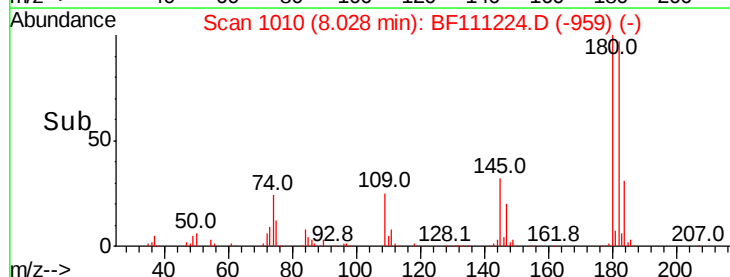
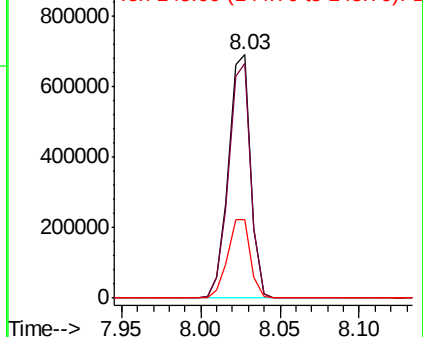
Lab File: BF111224.D

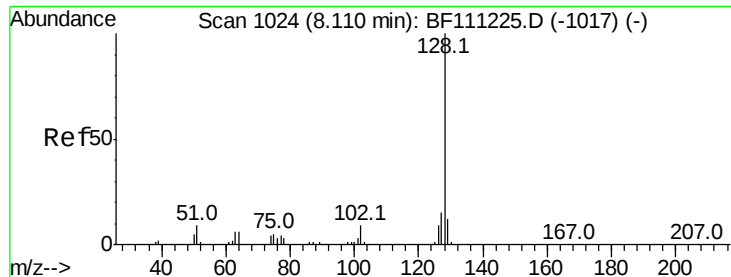
Acq: 8 Dec 2018 12:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 670487 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.5  | 75.6  | 113.4  |
| 145       | 32.0  | 26.7  | 40.1   |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





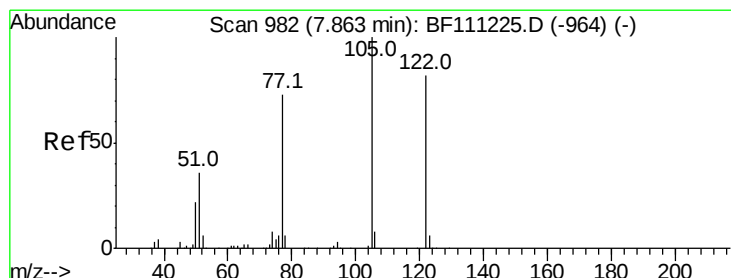
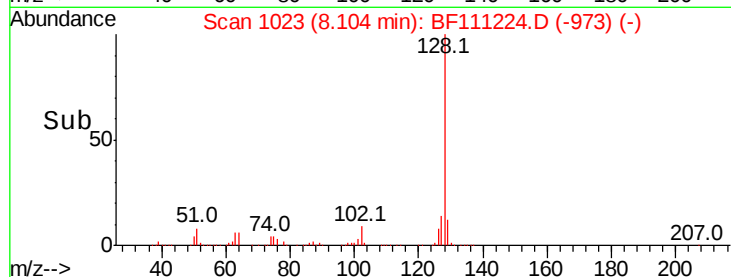
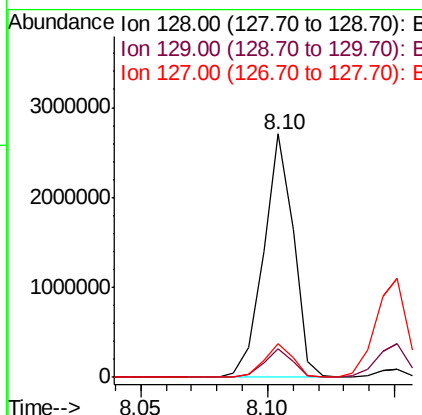
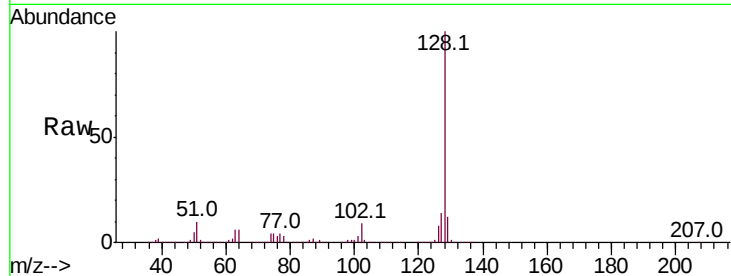
#31  
Naphthalene  
Concen: 27.756 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.6  | 9.8   | 14.8  |
| 127     | 13.8  | 12.0  | 18.0  |

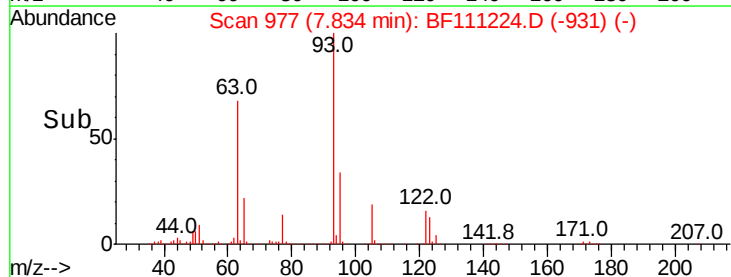
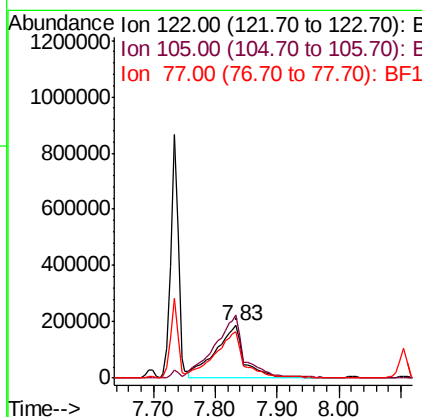
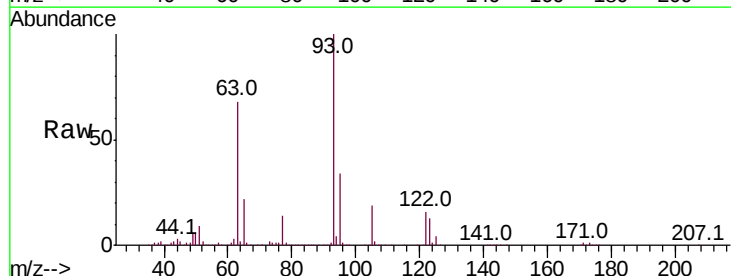
Manual Integrations  
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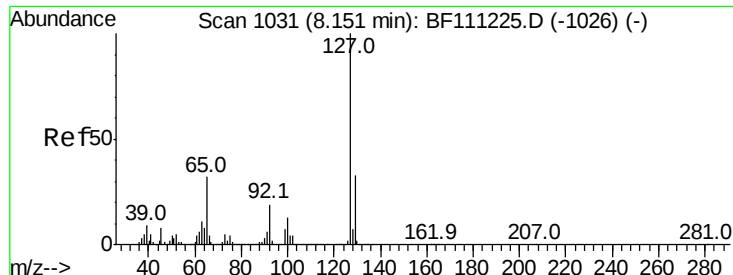
Sohil  
12/10/2018 4:58:50 PM



#32  
Benzoic acid  
Concen: 33.492 ng  
RT: 7.83 min Scan# 977  
Delta R.T. -0.03 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 119.0 | 97.0  | 137.0 |
| 77      | 88.3  | 65.7  | 105.7 |





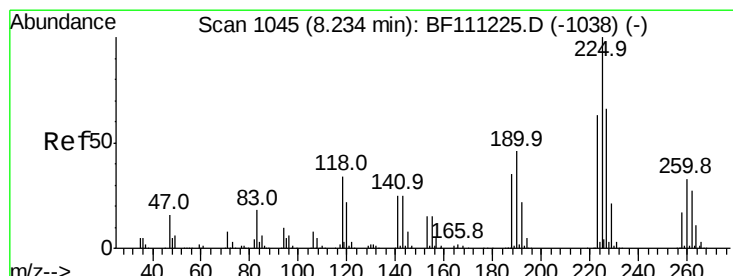
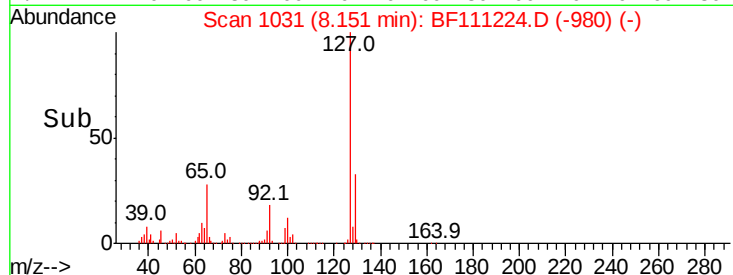
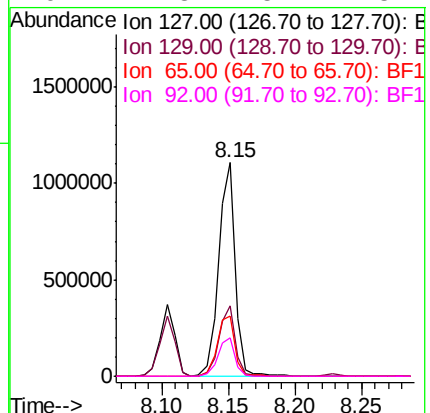
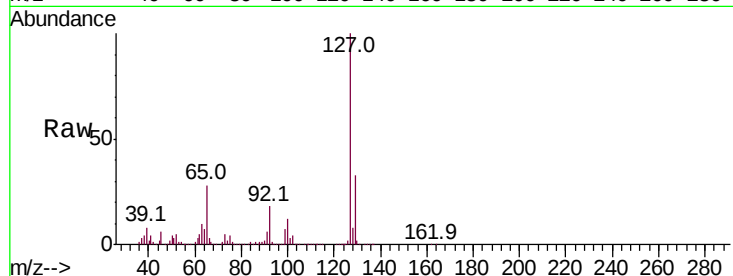
#33  
 4-Chloroaniline  
 Concen: 24.975 ng  
 RT: 8.15 min Scan# 1031  
 Delta R.T. -0.00 min  
 Lab File: BF111224.D  
 Acq: 8 Dec 2018 12:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.2 | 26.6  | 39.8 |       |       |
| 65      | 28.3 | 25.7  | 38.5 |       |       |
| 92      | 17.8 | 15.4  | 23.2 |       |       |

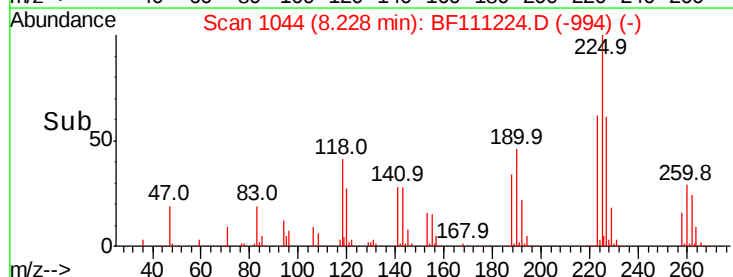
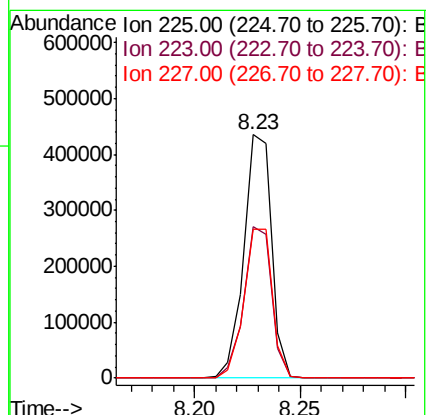
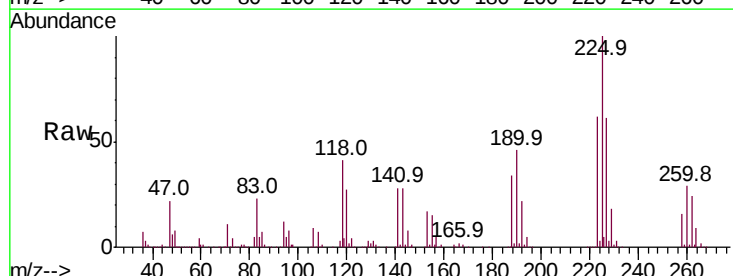
Manual Integrations  
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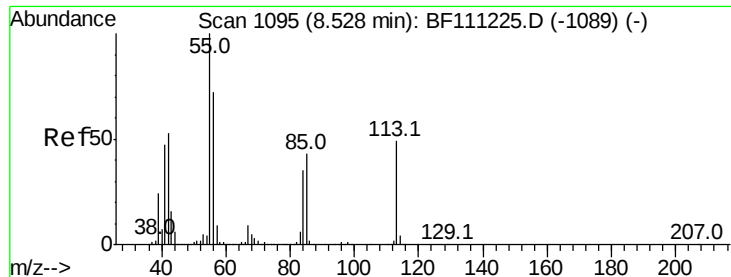
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 12/10/2018 4:58:50 PM



#34  
 Hexachlorobutadiene  
 Concen: 27.472 ng  
 RT: 8.23 min Scan# 1044  
 Delta R.T. -0.01 min  
 Lab File: BF111224.D  
 Acq: 8 Dec 2018 12:33

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.9 | 50.7  | 76.1 |       |       |
| 227     | 61.3 | 52.6  | 78.8 |       |       |





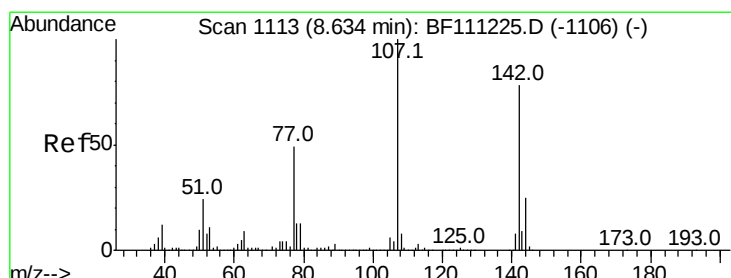
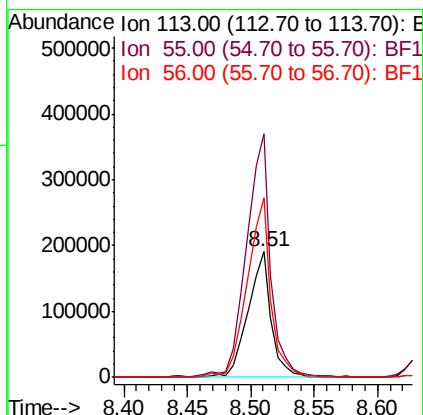
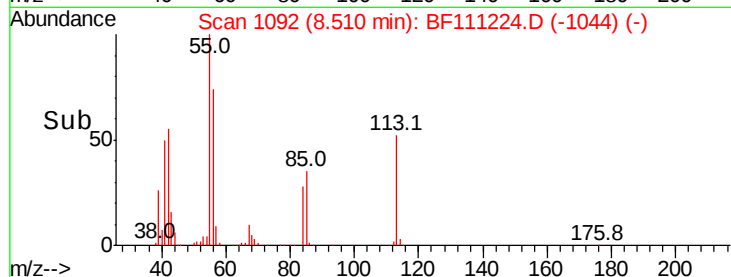
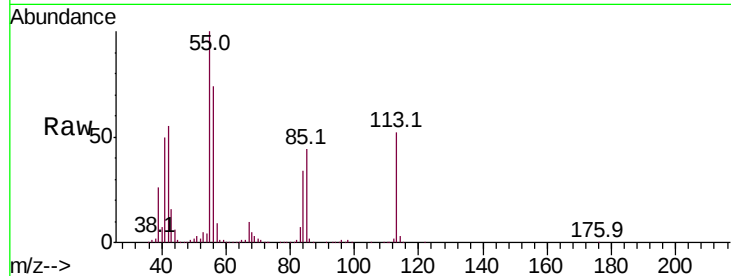
#35  
Caprolactam  
Concen: 25.114 ng  
RT: 8.51 min Scan# 1092  
Delta R.T. -0.02 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 193.6 | 184.1 | 224.1 |
| 56      | 142.7 | 126.0 | 166.0 |

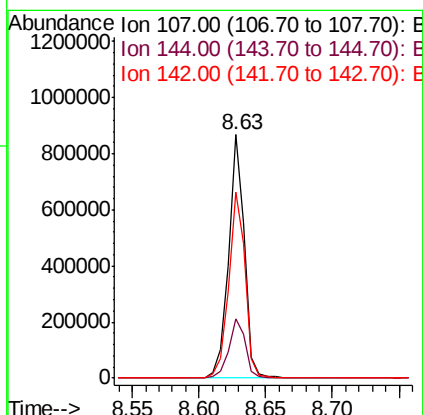
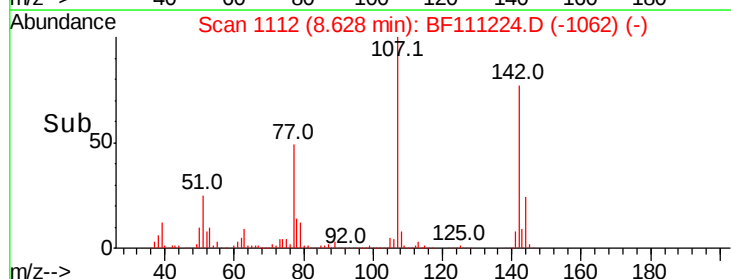
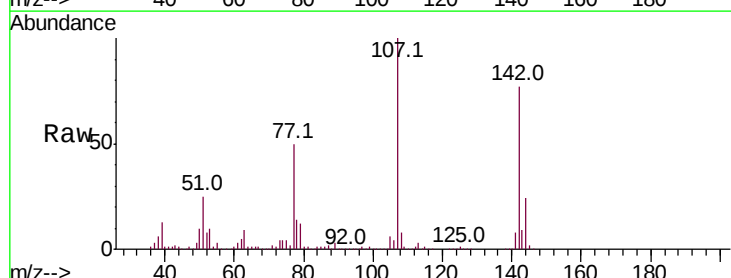
Manual Integrations  
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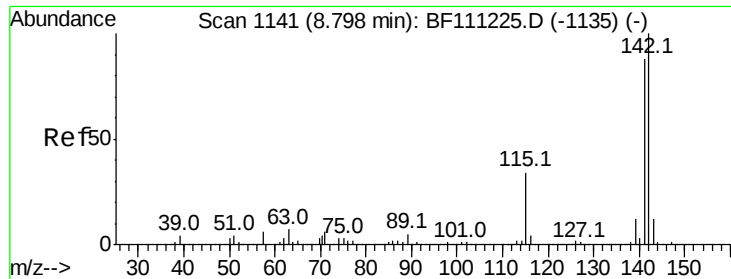
Sohil  
12/10/2018 4:58:50 PM



#36  
4-Chloro-3-methylphenol  
Concen: 25.302 ng  
RT: 8.63 min Scan# 1112  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.3  | 19.8  | 29.6  |
| 142     | 76.6  | 62.3  | 93.5  |





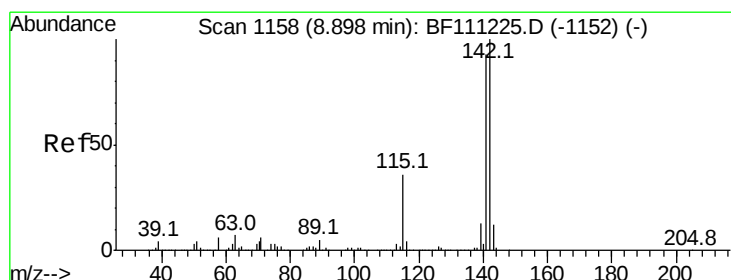
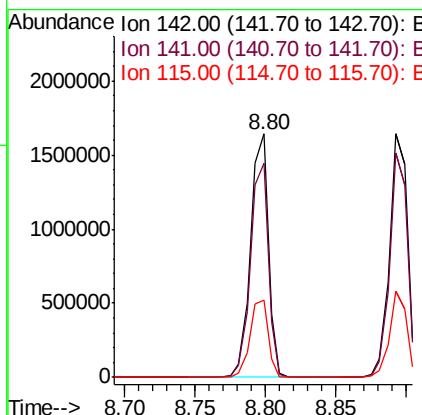
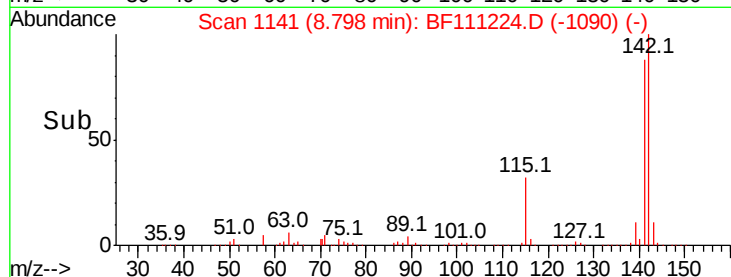
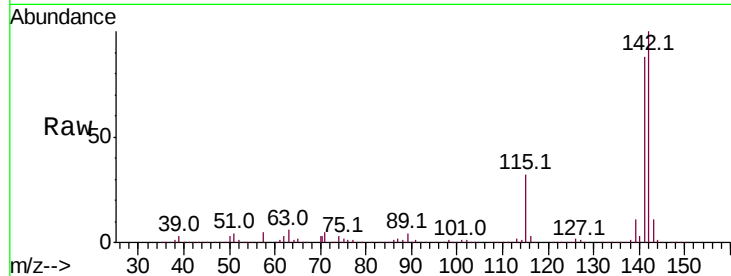
#37  
2-Methylnaphthalene  
Concen: 26.578 ng  
RT: 8.80 min Scan# 1141  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

Tot Ion:142 Resp: 1467753  
Ion Ratio Lower Upper  
142 100  
141 88.0 70.6 105.8  
115 31.6 27.0 40.6

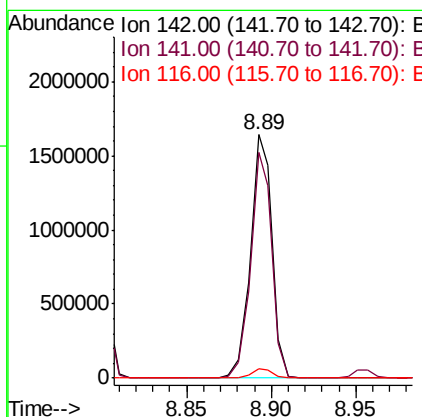
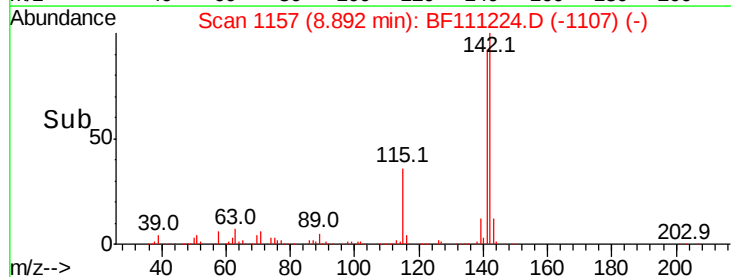
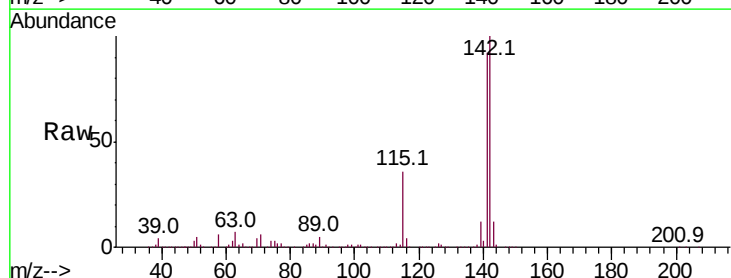
Manual Integrations  
APPROVED

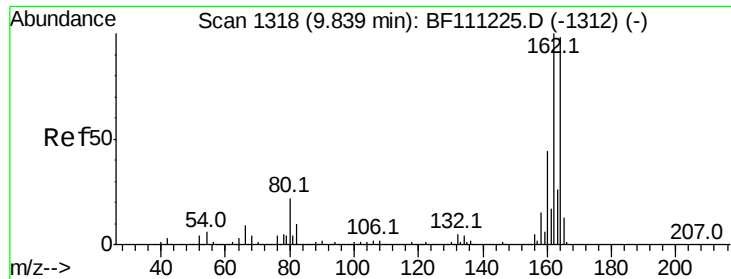
Sohil  
12/10/2018 4:58:50 PM



#38  
1-Methylnaphthalene  
Concen: 27.467 ng  
RT: 8.89 min Scan# 1157  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Tgt Ion:142 Resp: 1460306  
Ion Ratio Lower Upper  
142 100  
141 92.5 74.2 111.4  
116 3.8 2.9 4.3





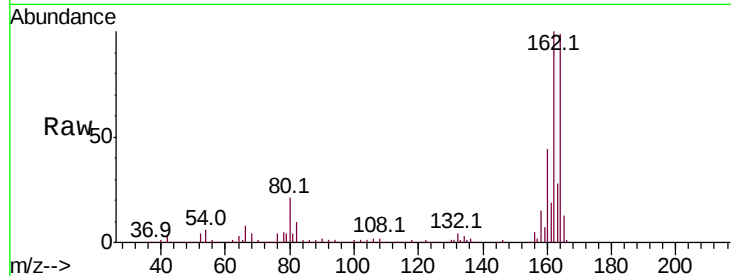
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.84 min Scan# 1318  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 857831 |       |       |
| 162     | 100.8 |        | 81.4  | 122.0 |
| 160     | 44.6  |        | 35.7  | 53.5  |

Manual Integrations  
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Sohil  
12/10/2018 4:58:50 PM

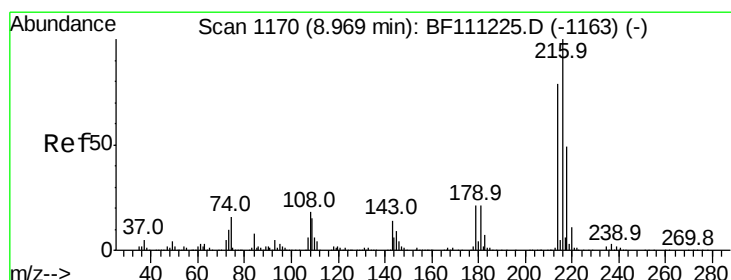
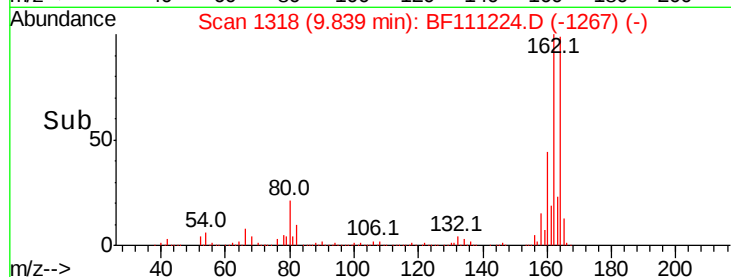
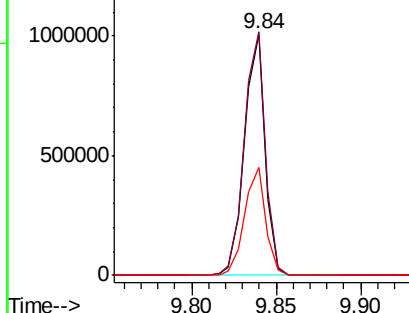


Abundance

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



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 26.917 ng  
RT: 8.96 min Scan# 1169  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 616233 |       |       |
| 214     | 80.2  |        | 63.8  | 95.8  |
| 179     | 21.9  |        | 17.9  | 26.9  |
| 108     | 22.6  |        | 18.4  | 27.6  |

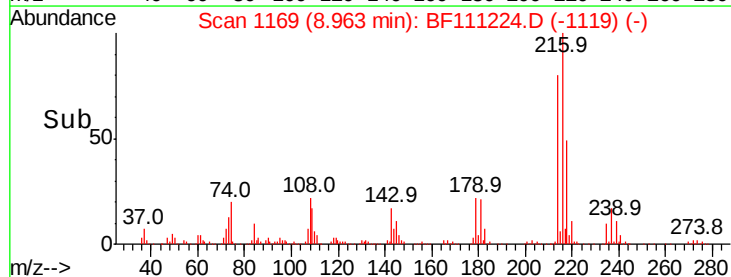
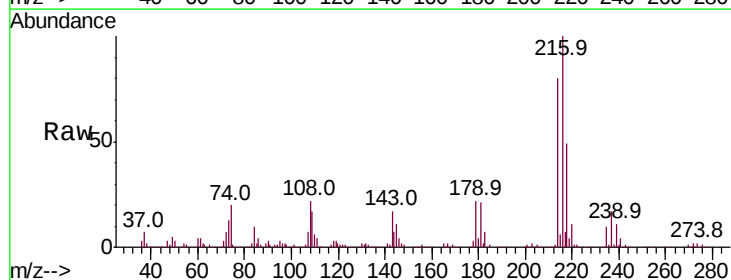
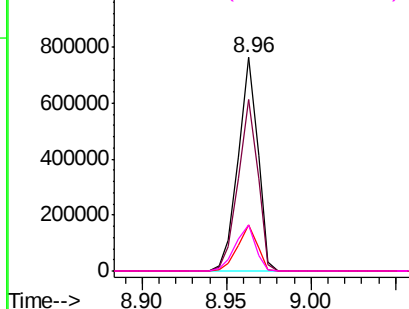
Abundance

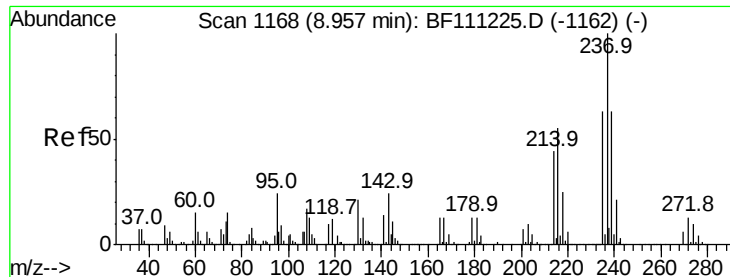
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





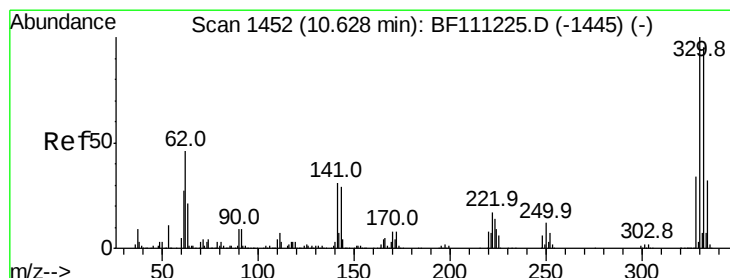
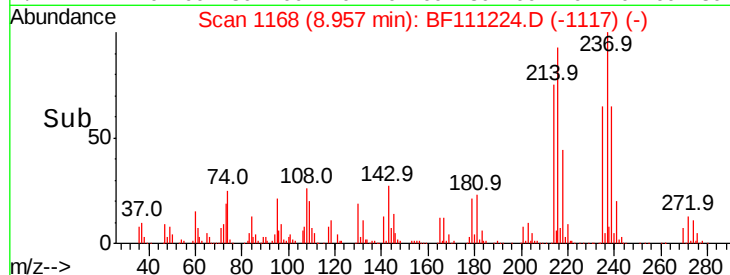
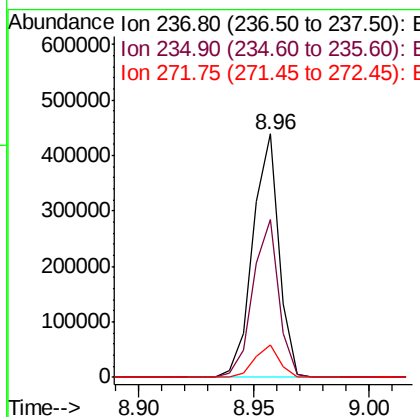
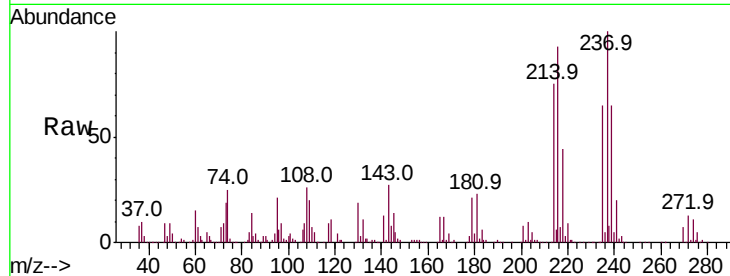
#41  
Hexachlorocyclopentadiene  
Concen: 28.540 ng  
RT: 8.96 min Scan# 1168  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 64.8  | 43.1       | 83.1  |
| 272     | 13.3  | 0.0        | 33.0  |

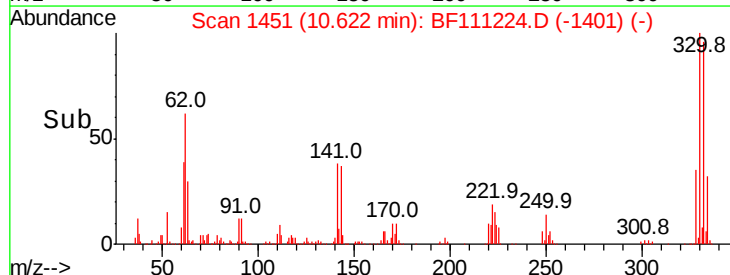
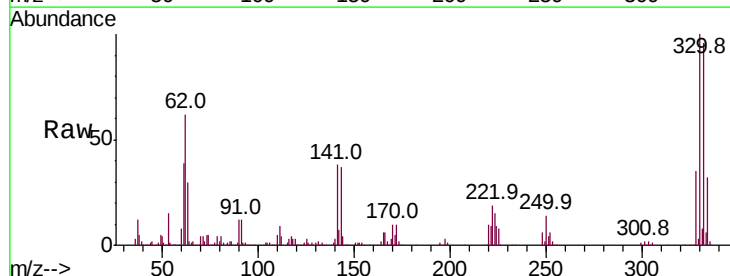
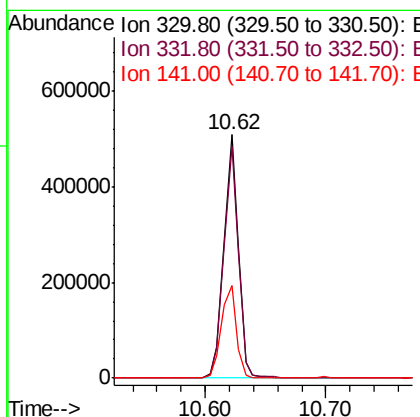
Manual Integrations  
APPROVED

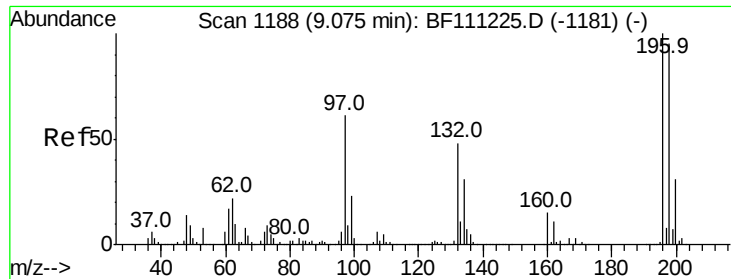
Sohil  
12/10/2018 4:58:50 PM



#42  
2,4,6-Tribromophenol  
Concen: 61.638 ng  
RT: 10.62 min Scan# 1451  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 95.2  | 76.0       | 114.0 |
| 141     | 39.5  | 31.0       | 46.6  |





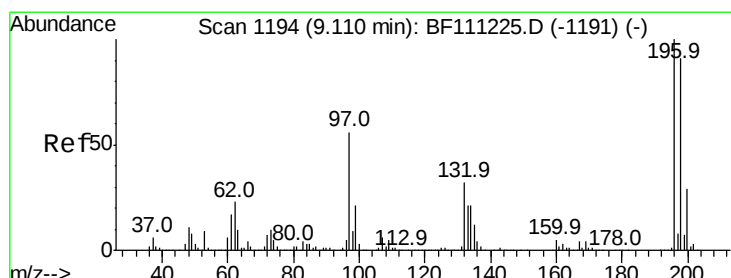
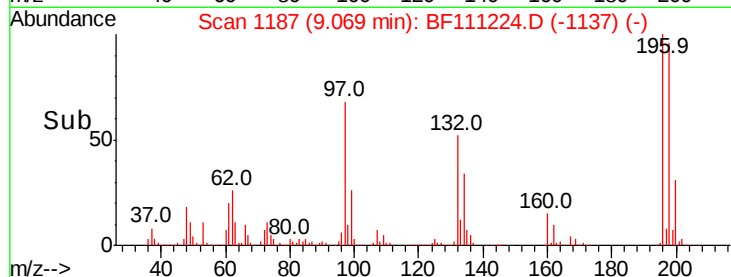
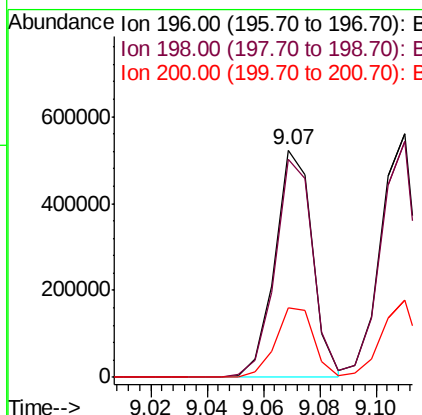
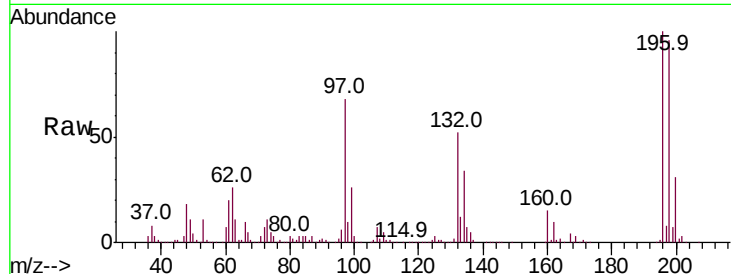
#43  
 2,4,6-Trichlorophenol  
 Concen: 28.653 ng  
 RT: 9.07 min Scan# 1187  
 Delta R.T. -0.01 min  
 Lab File: BF111224.D  
 Acq: 8 Dec 2018 12:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 481247 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.0  | 76.3  | 114.5  |
| 200       | 30.6  | 24.9  | 37.3   |

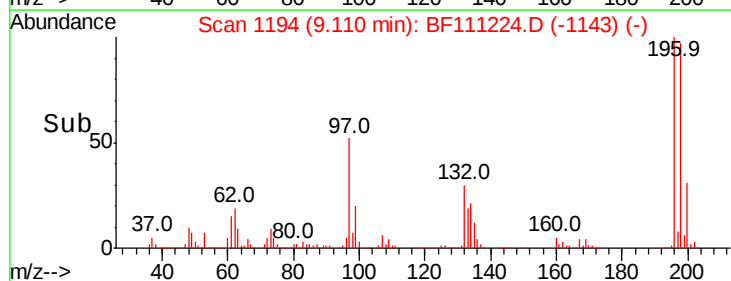
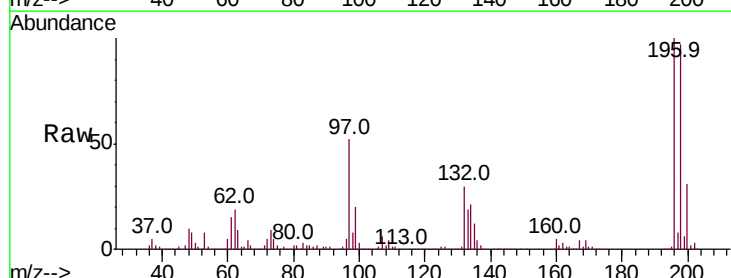
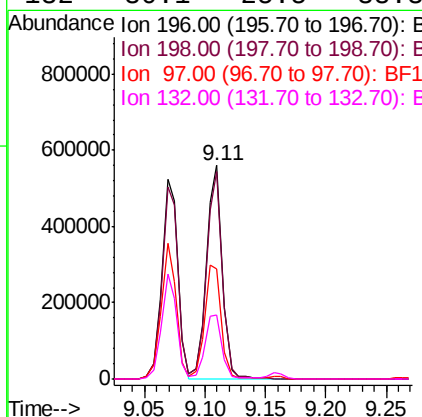
Manual Integrations  
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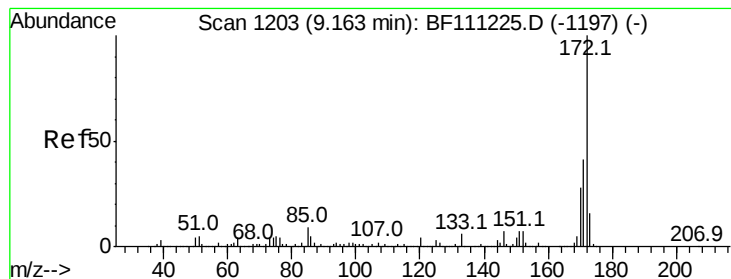
Sohil  
 12/10/2018 4:58:50 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 29.541 ng  
 RT: 9.11 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: BF111224.D  
 Acq: 8 Dec 2018 12:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 504242 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.0  | 72.9  | 109.3  |
| 97        | 51.7  | 45.3  | 67.9   |
| 132       | 30.1  | 25.5  | 38.3   |





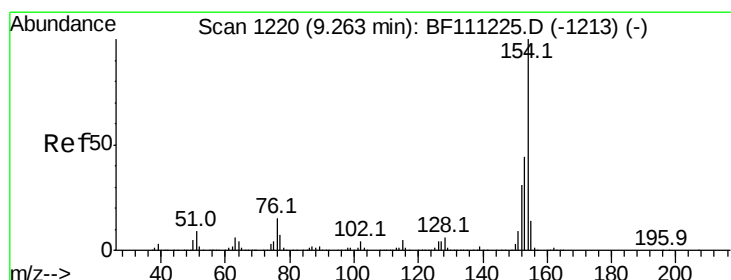
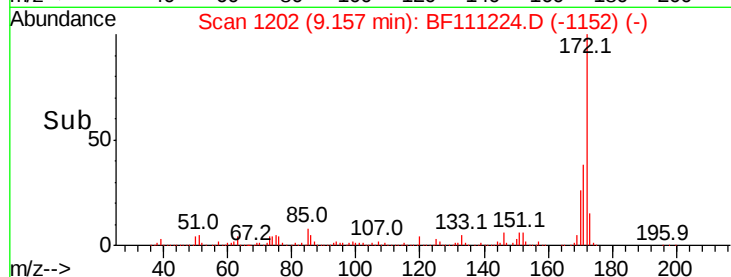
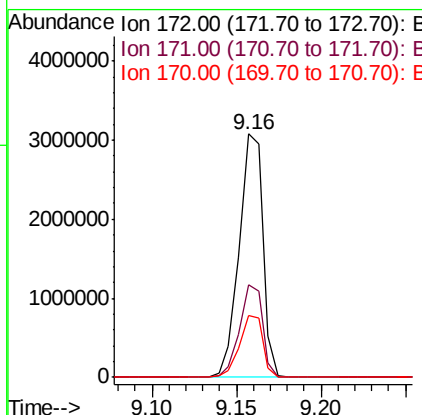
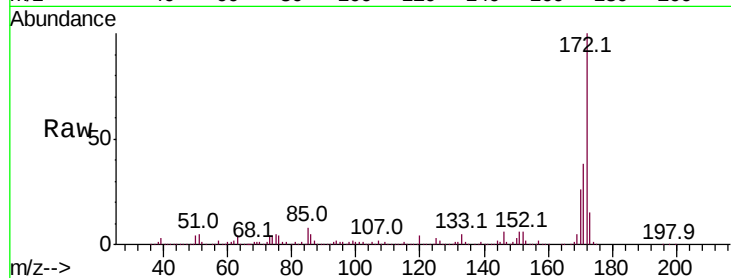
#45  
2-Fluorobiphenyl  
Concen: 59.114 ng  
RT: 9.16 min Scan# 1202  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.8  | 33.0  | 49.4  |
| 170     | 25.6  | 22.3  | 33.5  |

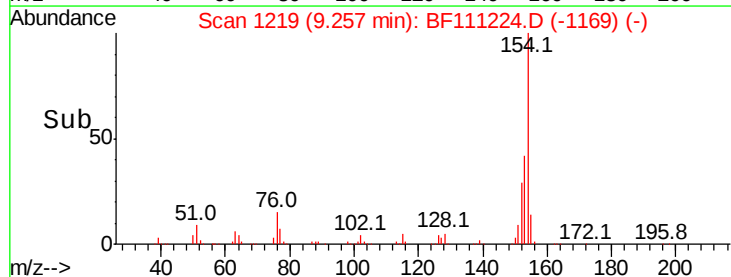
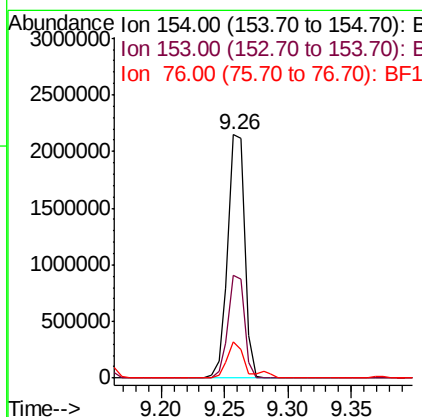
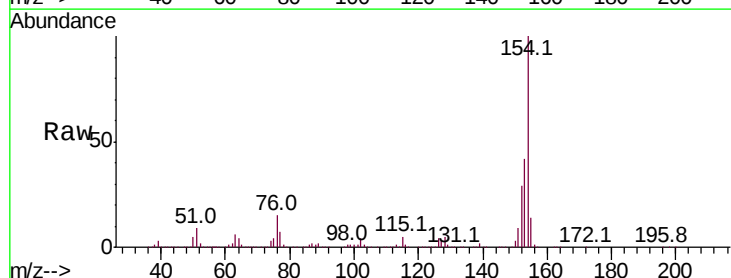
Manual Integrations  
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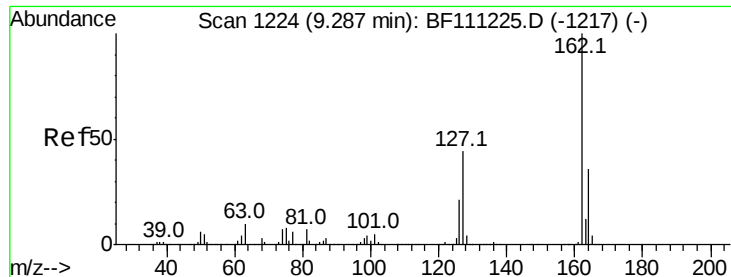
Sohil  
12/10/2018 4:58:50 PM



#46  
1,1'-Biphenyl  
Concen: 28.399 ng  
RT: 9.26 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.2  | 23.7  | 63.7  |
| 76      | 15.1  | 0.0   | 35.0  |





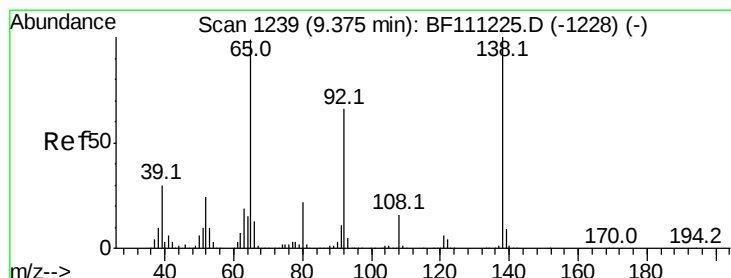
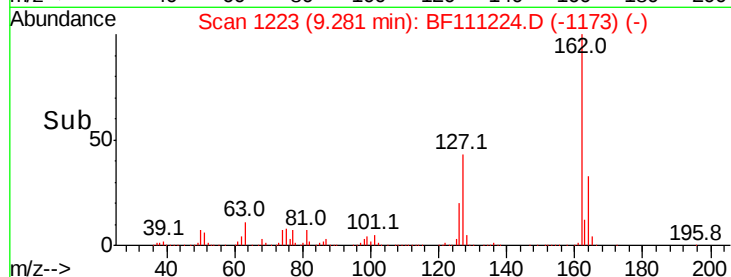
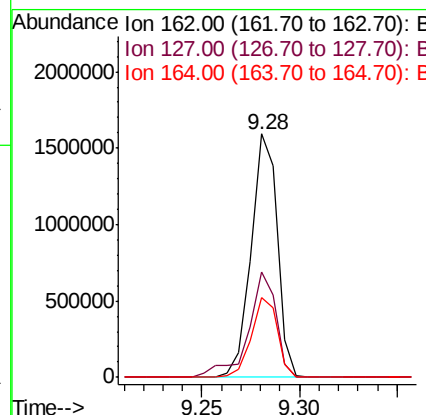
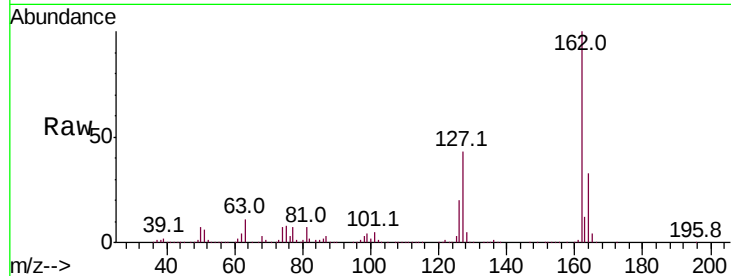
#47  
2-Chloronaphthalene  
Concen: 27.164 ng  
RT: 9.28 min Scan# 1223  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.2  | 35.0  | 52.4  |
| 164     | 32.8  | 28.4  | 42.6  |

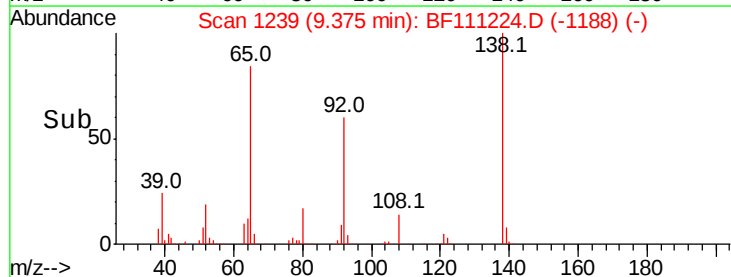
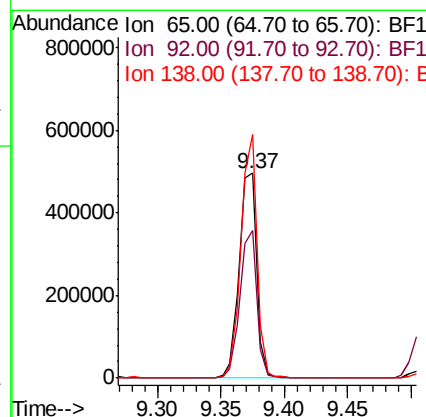
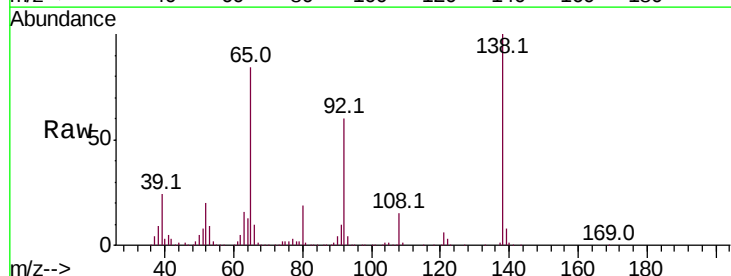
Manual Integrations  
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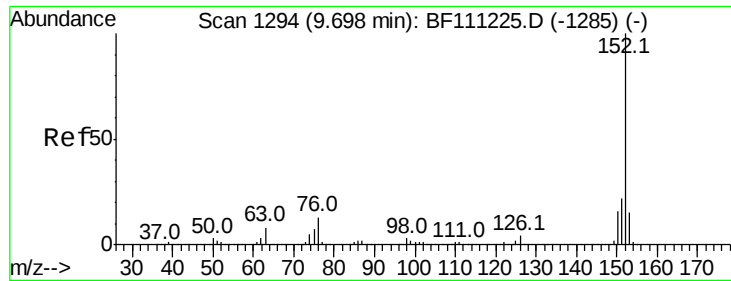
Sohil  
12/10/2018 4:58:50 PM



#48  
2-Nitroaniline  
Concen: 26.418 ng  
RT: 9.37 min Scan# 1239  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.8  | 53.5  | 80.3  |
| 138     | 118.7 | 80.9  | 121.3 |





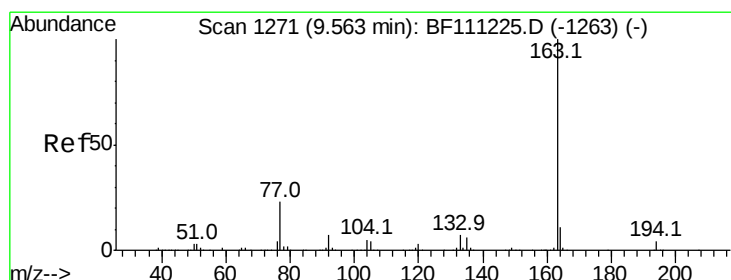
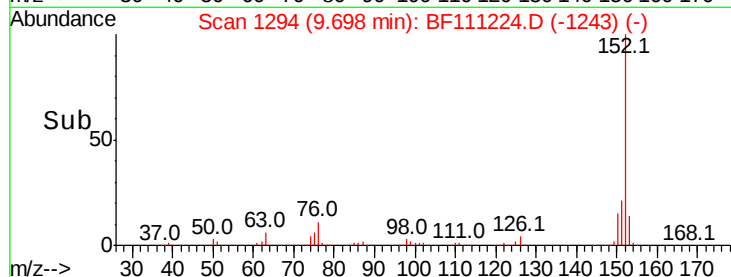
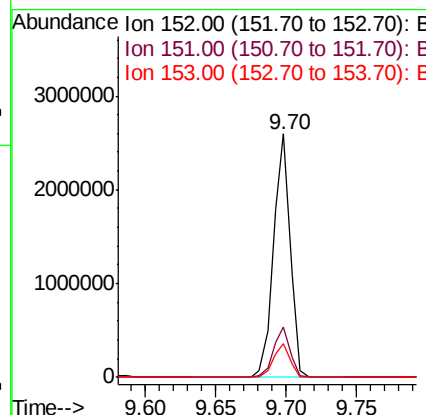
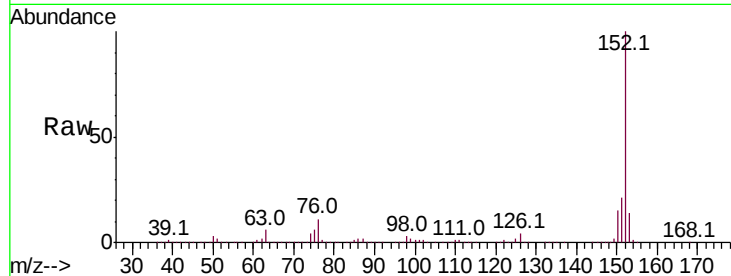
#49  
Acenaphthylene  
Concen: 28.477 ng  
RT: 9.70 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.8  | 18.0  | 27.0  |
| 153     | 13.6  | 12.3  | 18.5  |

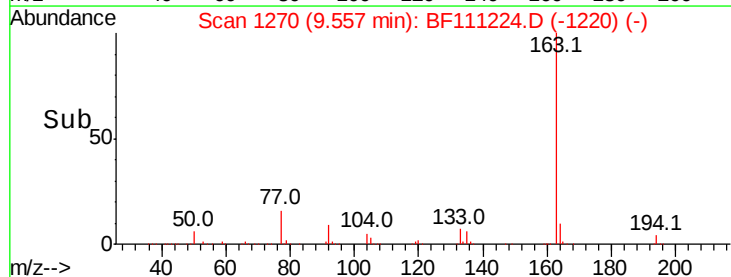
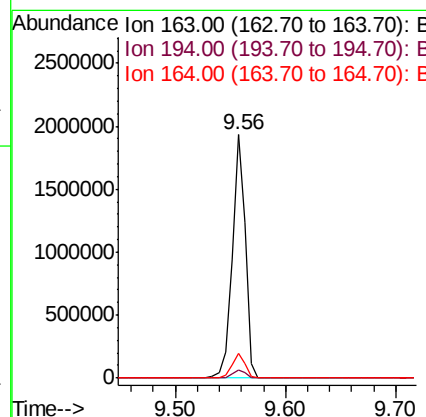
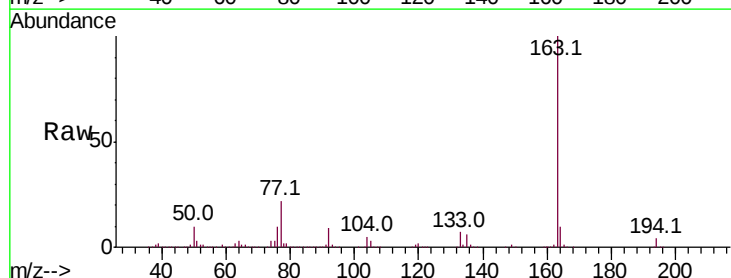
Manual Integrations  
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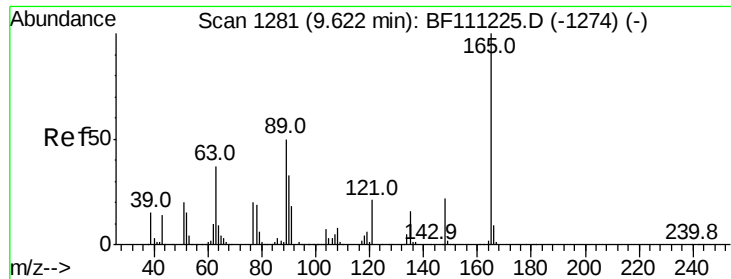
Sohil  
12/10/2018 4:58:50 PM



#50  
Dimethylphthalate  
Concen: 26.641 ng  
RT: 9.56 min Scan# 1270  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.6   | 3.0   | 4.6   |
| 164     | 10.4  | 8.9   | 13.3  |





#51

2,6-Dinitrotoluene

Concen: 28.119 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

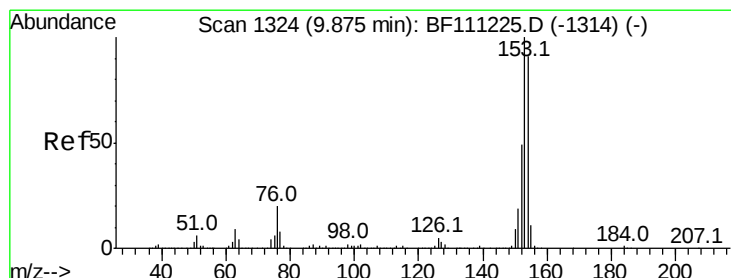
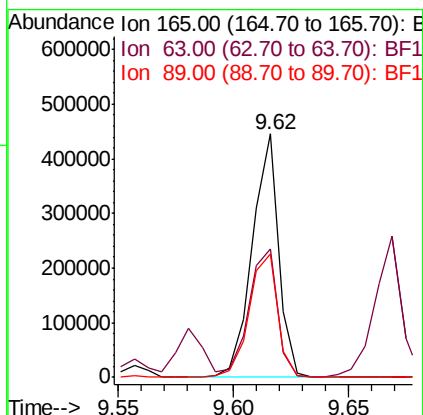
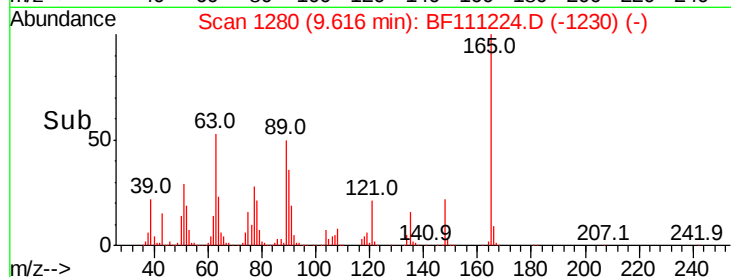
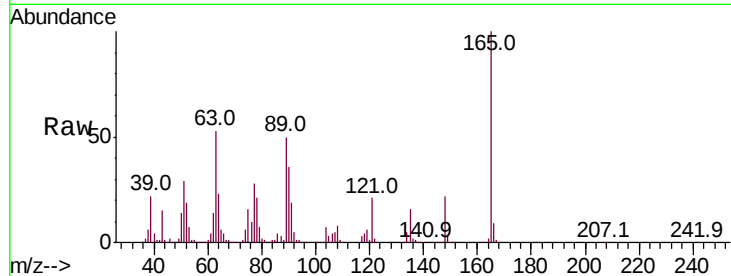
ClientSampleId :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 358206 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 52.8  | 40.5  | 60.7   |
| 89        | 50.5  | 40.0  | 60.0   |

Manual Integrations  
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12/10/2018 4:58:50 PM



#52

Acenaphthene

Concen: 26.724 ng

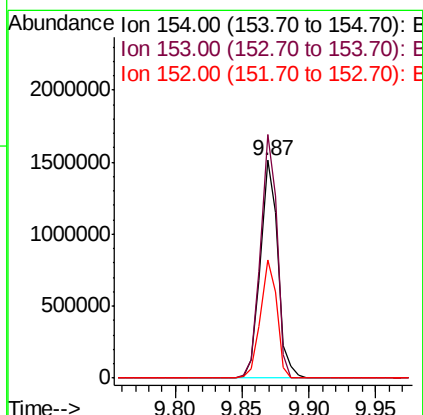
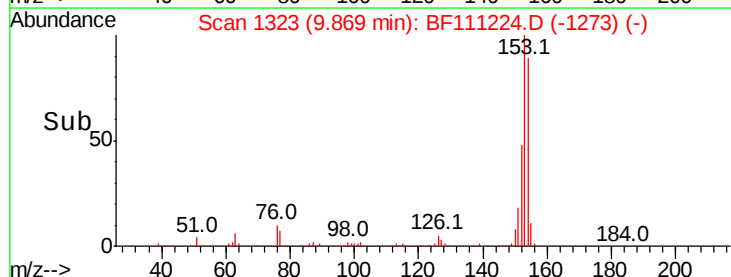
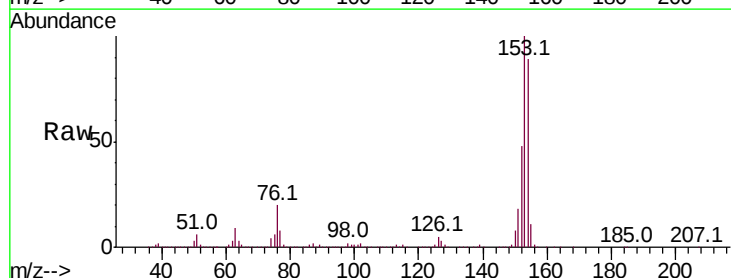
RT: 9.87 min Scan# 1323

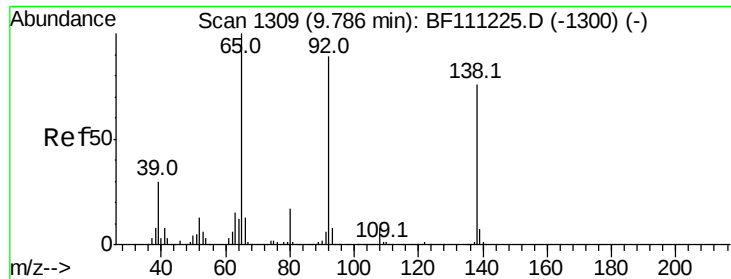
Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 154   | Resp: | 1349598 |
| Ion Ratio | Lower | Upper |         |
| 154       | 100   |       |         |
| 153       | 111.9 | 87.8  | 131.8   |
| 152       | 54.1  | 43.4  | 65.2    |





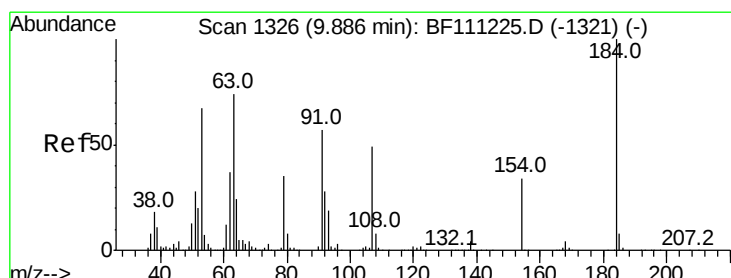
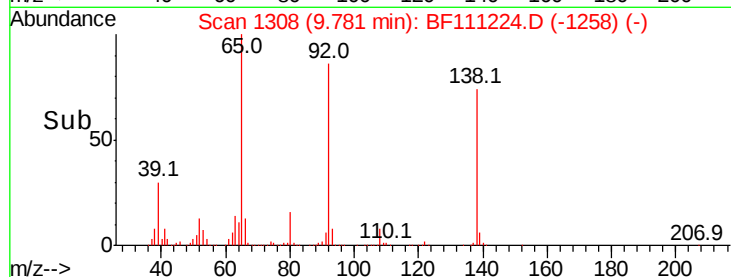
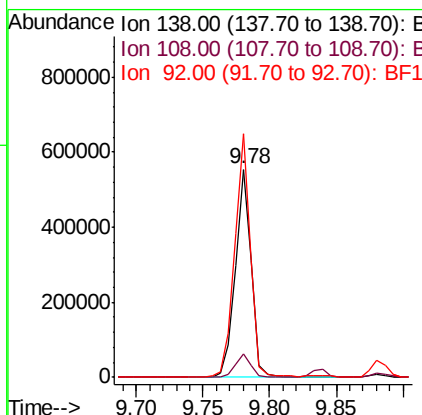
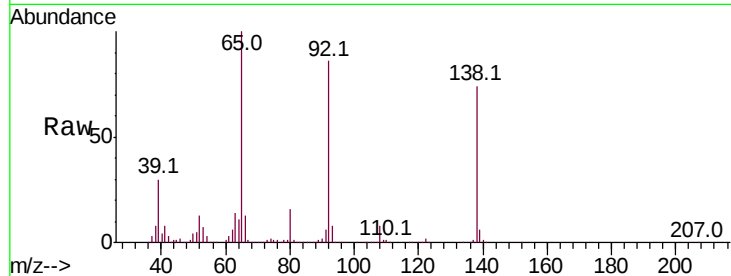
#53  
3-Nitroaniline  
Concen: 29.106 ng  
RT: 9.78 min Scan# 1308  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.3  | 8.2   | 12.4  |
| 92      | 117.0 | 93.4  | 140.2 |

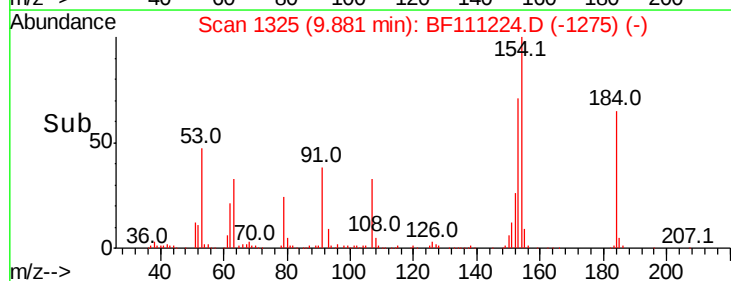
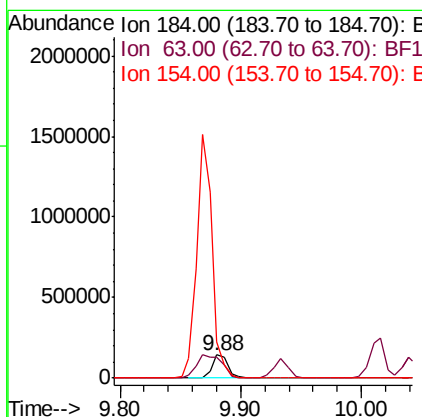
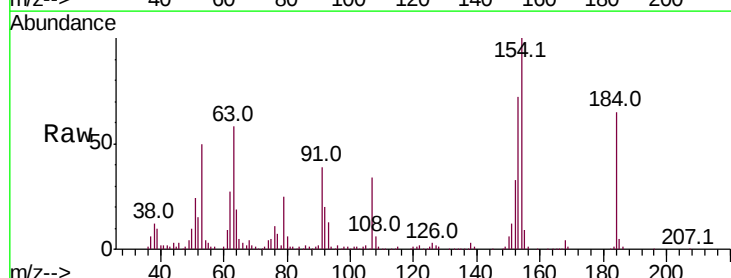
Manual Integrations  
APPROVED

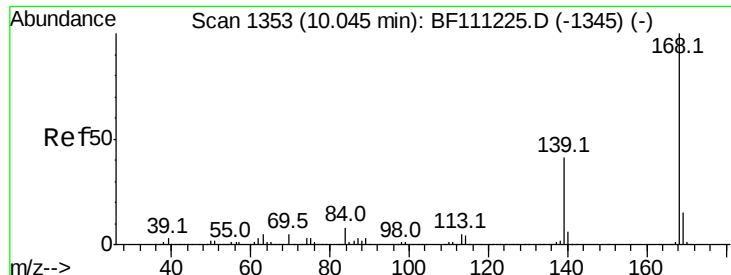
Sohil  
12/10/2018 4:58:50 PM



#54  
2,4-Dinitrophenol  
Concen: 34.875 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 89.0  | 62.3  | 93.5  |
| 154     | 154.8 | 56.2  | 84.2# |





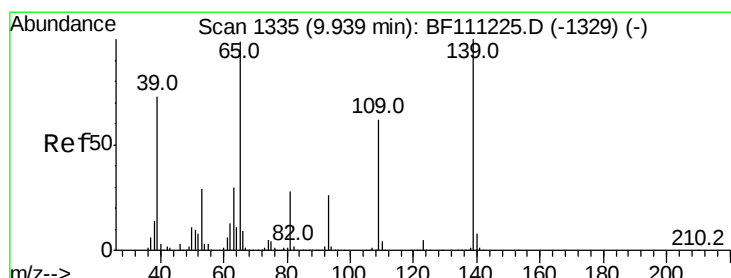
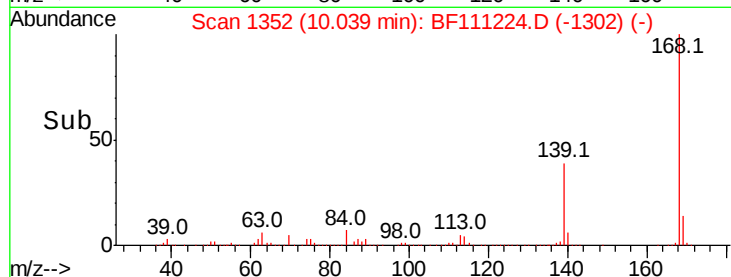
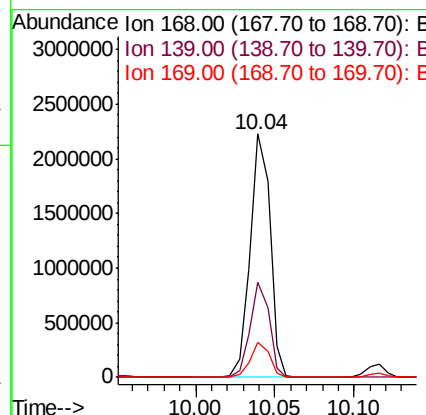
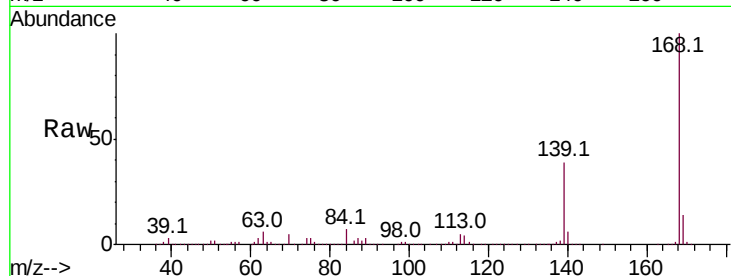
#55  
Dibenzenofuran  
Concen: 27.955 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.3  | 32.6  | 49.0  |
| 169     | 14.1  | 11.8  | 17.6  |

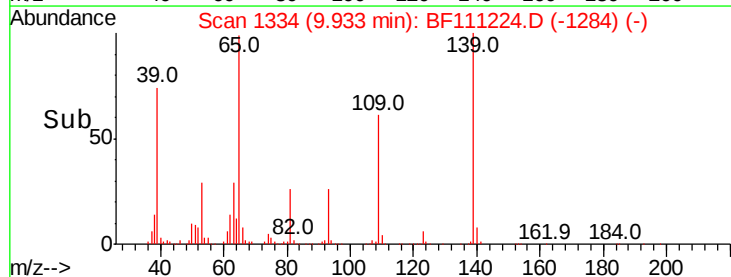
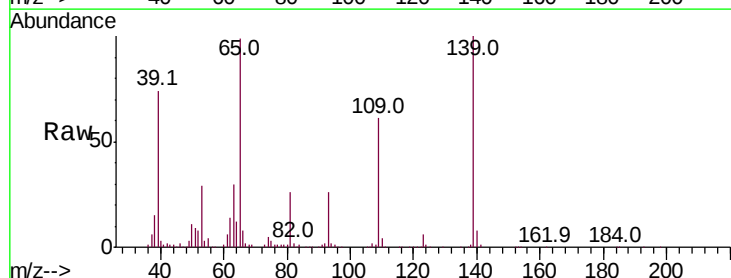
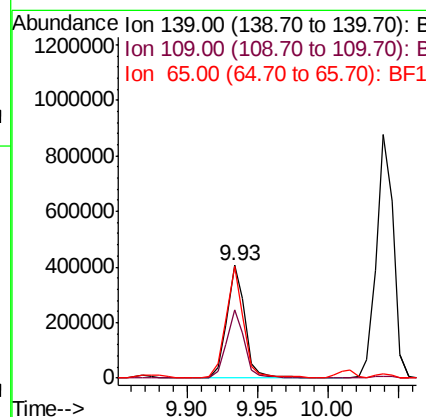
Manual Integrations  
APPROVED

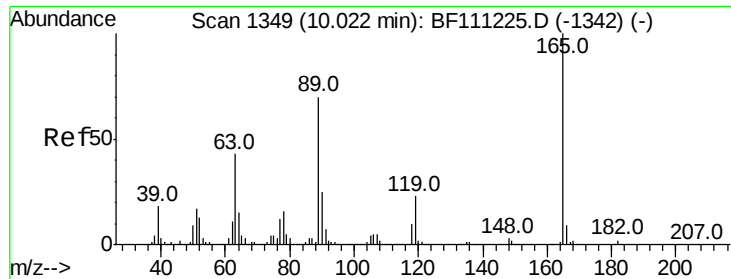
Sohil  
12/10/2018 4:58:50 PM



#56  
4-Nitrophenol  
Concen: 30.106 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 60.8  | 41.8  | 81.8  |
| 65      | 99.3  | 79.6  | 119.6 |





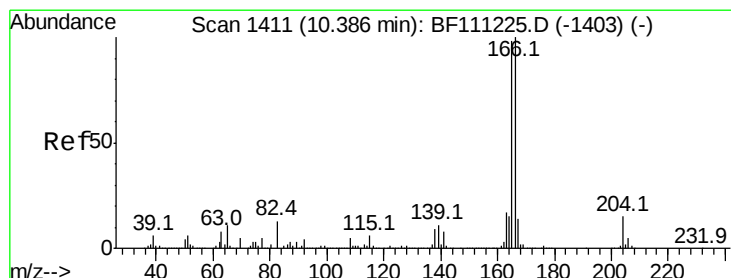
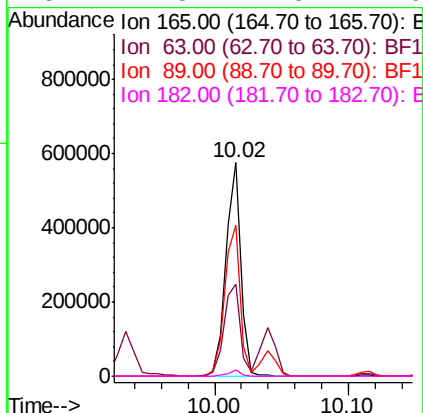
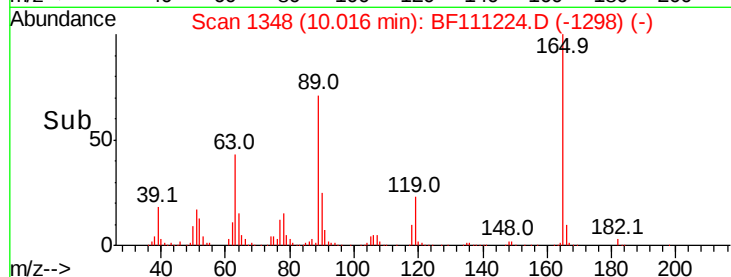
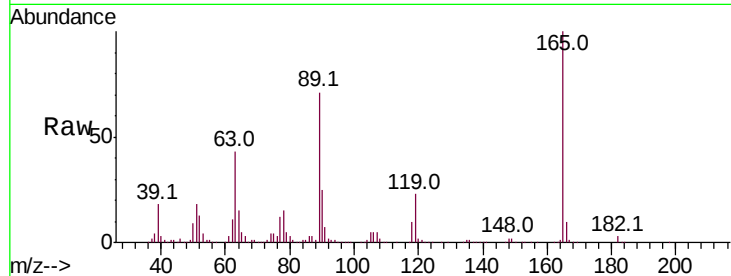
#57  
2,4-Dinitrotoluene  
Concen: 27.634 ng  
RT: 10.02 min Scan# 1348  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 457173 |       |       |
| 63      | 42.9  | 34.6   | 52.0  |       |
| 89      | 71.0  | 56.2   | 84.4  |       |
| 182     | 2.8   | 1.8    | 2.6   |       |

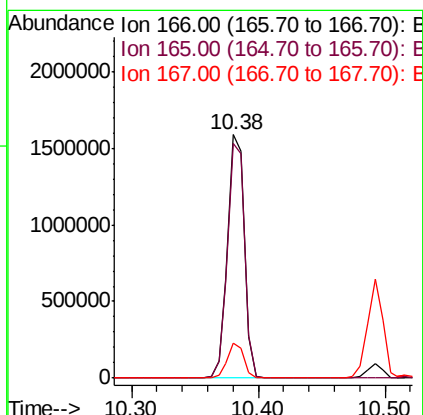
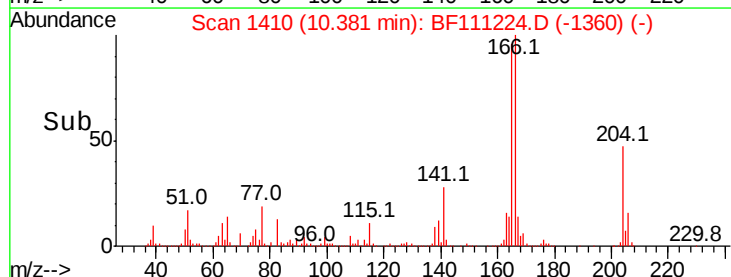
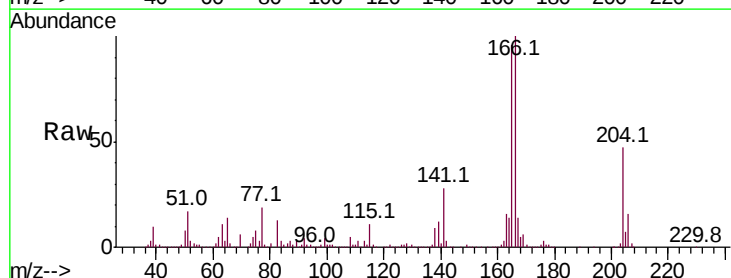
Manual Integrations  
APPROVED

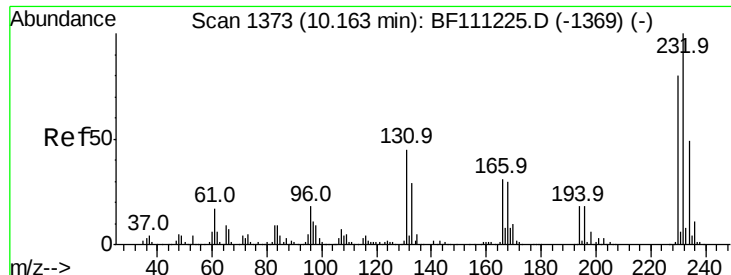
Sohil  
12/10/2018 4:58:50 PM



#58  
Fluorene  
Concen: 29.886 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1456407 |       |       |
| 165     | 96.4  | 78.4    | 117.6 |       |
| 167     | 14.1  | 11.2    | 16.8  |       |





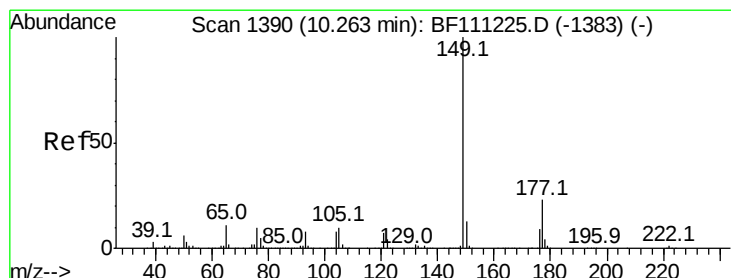
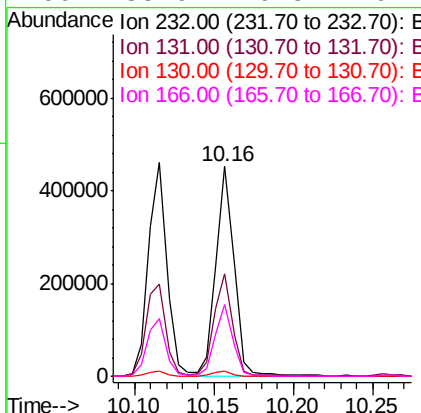
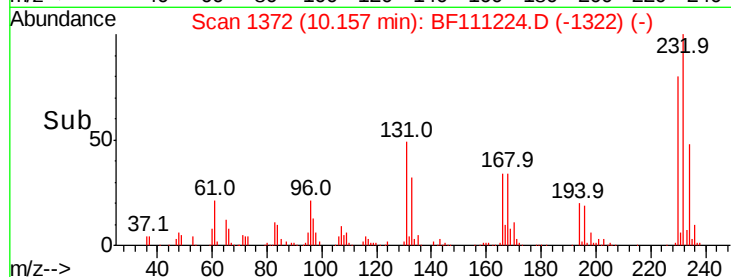
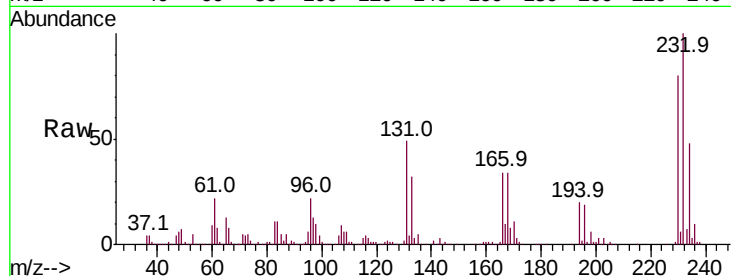
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 28.332 ng  
 RT: 10.16 min Scan# 1372  
 Delta R.T. -0.01 min  
 Lab File: BF111224.D  
 Acq: 8 Dec 2018 12:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 49.9  | 40.9  | 61.3  |
| 130     | 2.5   | 2.0   | 3.0   |
| 166     | 33.6  | 26.8  | 40.2  |

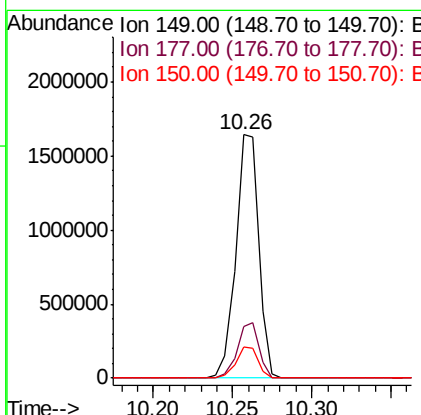
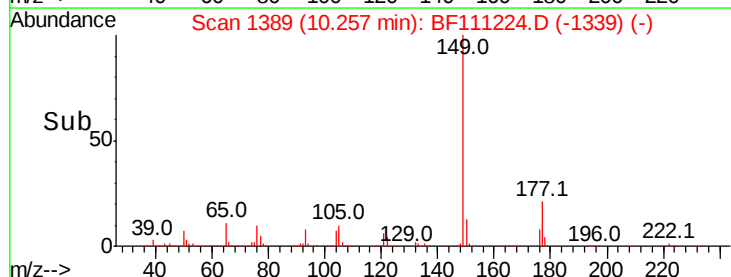
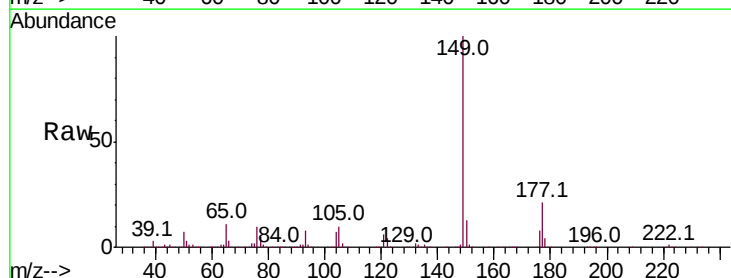
Manual Integrations  
 APPROVED

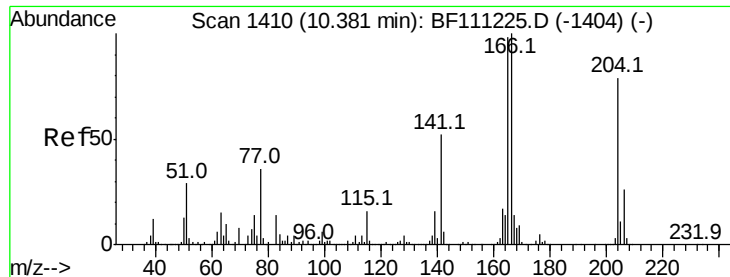
Sohil  
 12/10/2018 4:58:50 PM



#60  
 Diethylphthalate  
 Concen: 27.456 ng  
 RT: 10.26 min Scan# 1389  
 Delta R.T. -0.01 min  
 Lab File: BF111224.D  
 Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.0  | 18.3  | 27.5  |
| 150     | 12.6  | 10.6  | 15.8  |





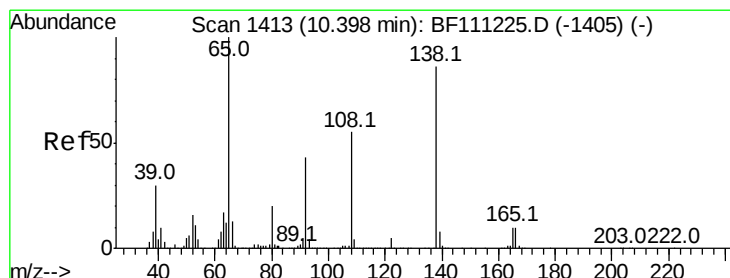
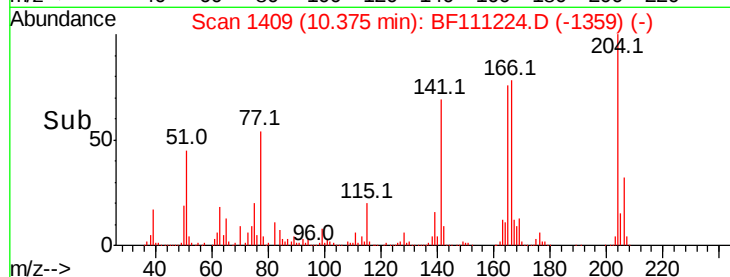
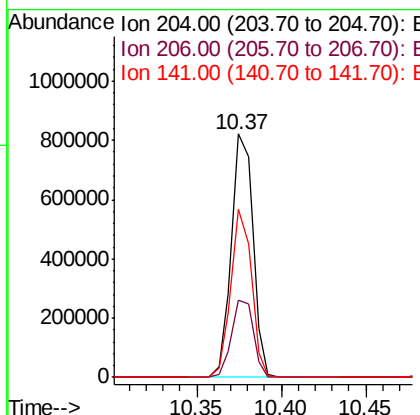
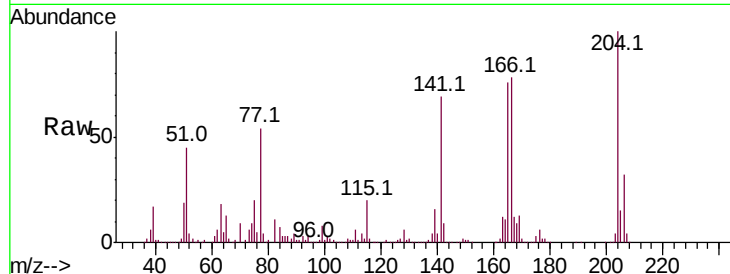
#61  
4-Chlorophenyl-phenylether  
Concen: 30.340 ng  
RT: 10.37 min Scan# 1409  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.6  | 26.6  | 39.8  |
| 141     | 69.0  | 52.6  | 78.8  |

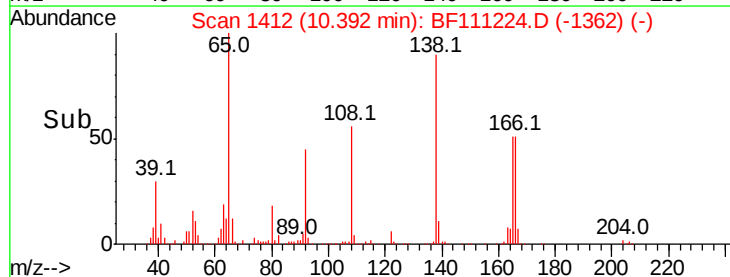
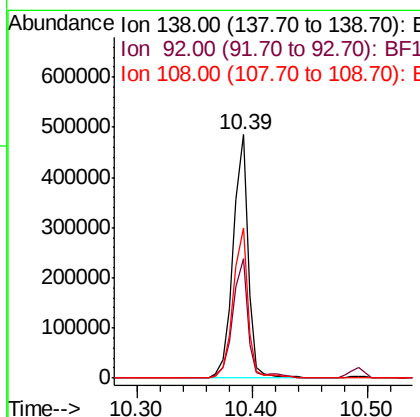
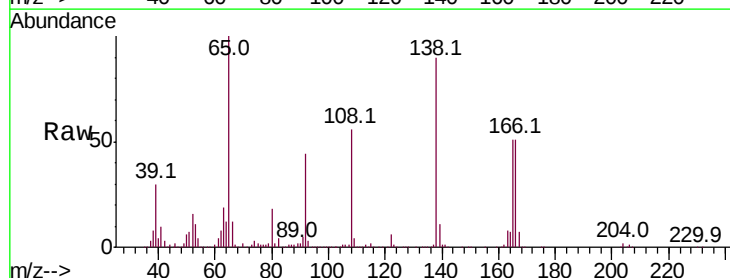
Manual Integrations  
APPROVED

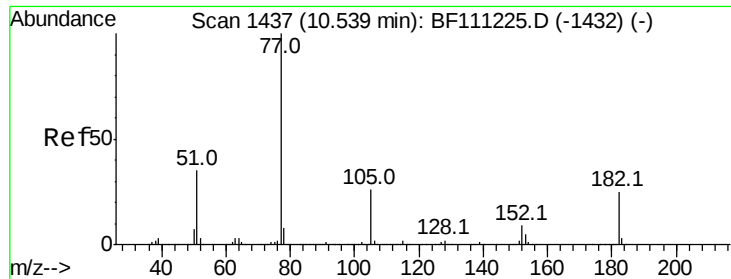
Sohil  
12/10/2018 4:58:50 PM



#62  
4-Nitroaniline  
Concen: 30.232 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.3  | 29.9  | 69.9  |
| 108     | 61.6  | 43.2  | 83.2  |





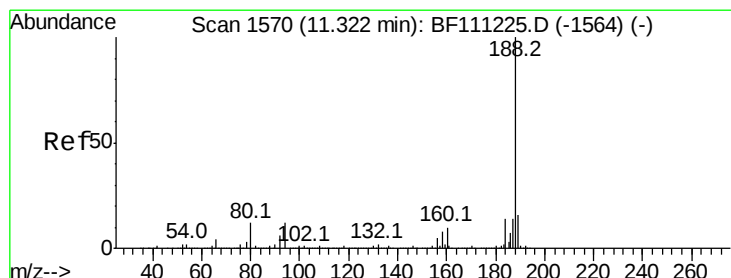
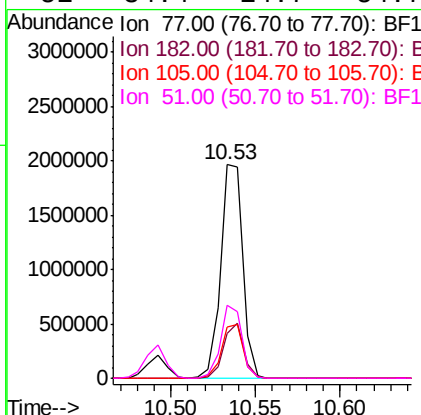
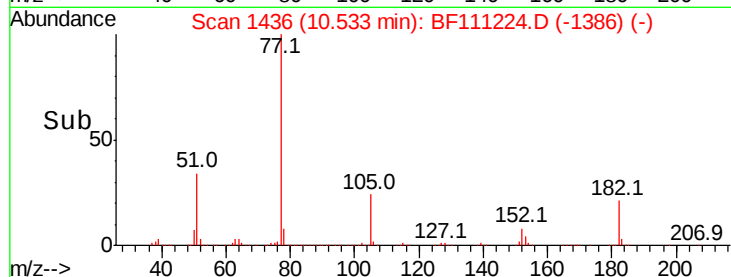
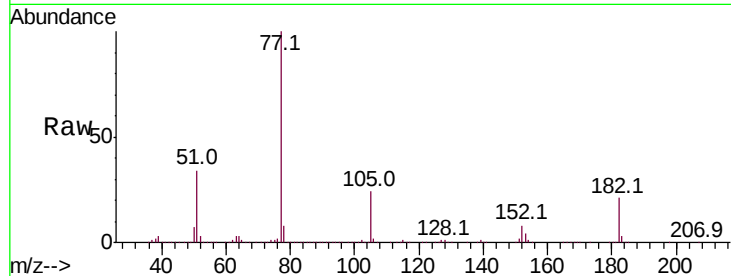
#63  
Azobenzene  
Concen: 28.226 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

Tot Ion: 77 Resp: 1785410  
Ion Ratio Lower Upper  
77 100  
182 21.0 4.9 44.9  
105 24.0 6.0 46.0  
51 34.4 14.7 54.7

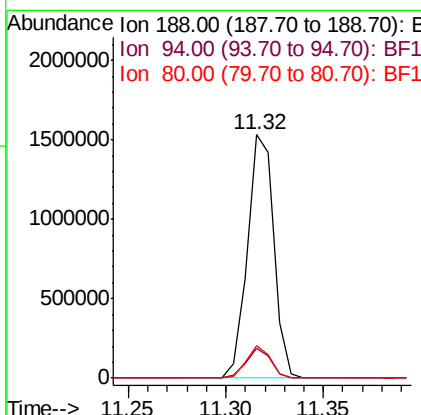
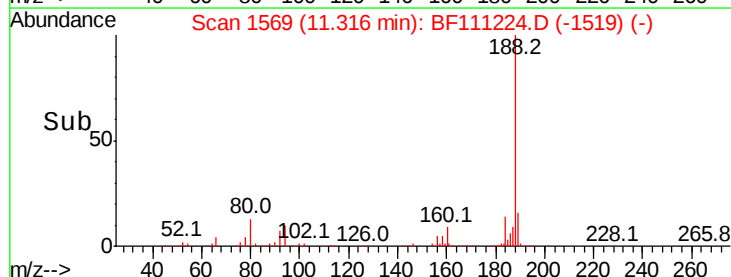
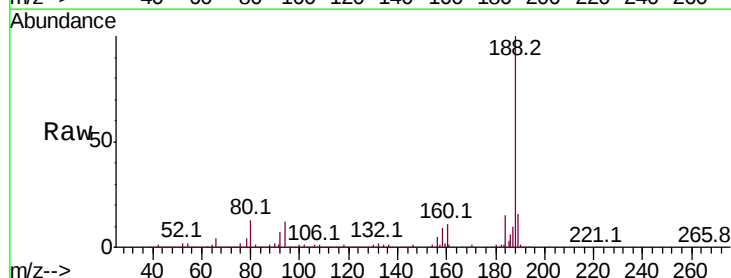
Manual Integrations  
APPROVED

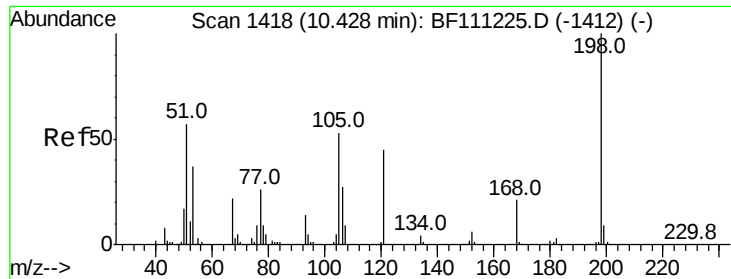
Sohil  
12/10/2018 4:58:50 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.32 min Scan# 1569  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Tgt Ion: 188 Resp: 1436881  
Ion Ratio Lower Upper  
188 100  
94 12.4 9.6 14.4  
80 13.2 9.8 14.6





#65

4,6-Dinitro-2-methylphenol

Concen: 36.016 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

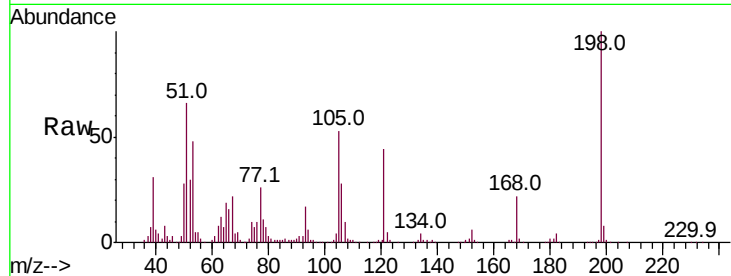
ClientSampled :

SSTDIC025

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 229131 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 66.2  | 48.0  | 88.0   |
| 105       | 53.0  | 34.0  | 74.0   |

Manual Integrations  
APPROVED

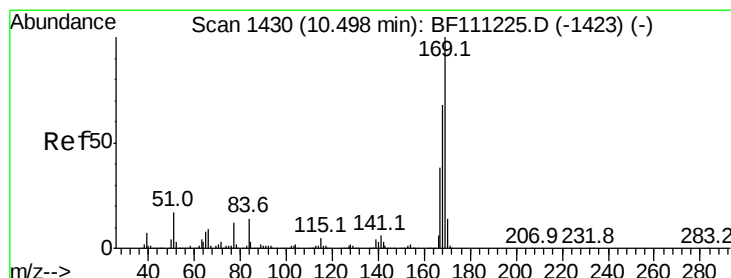
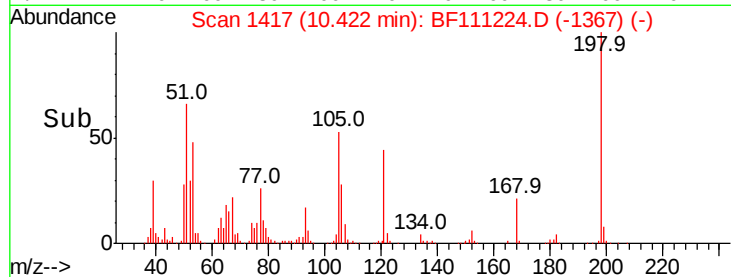
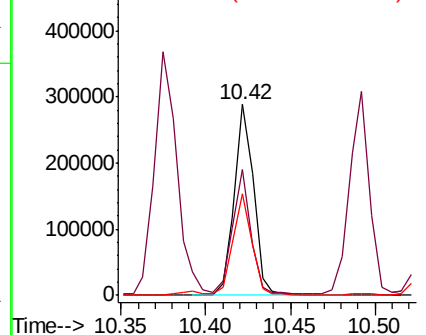
Sohil  
12/10/2018 4:58:50 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 28.920 ng

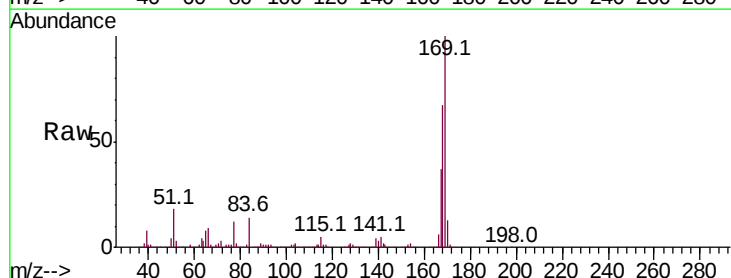
RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

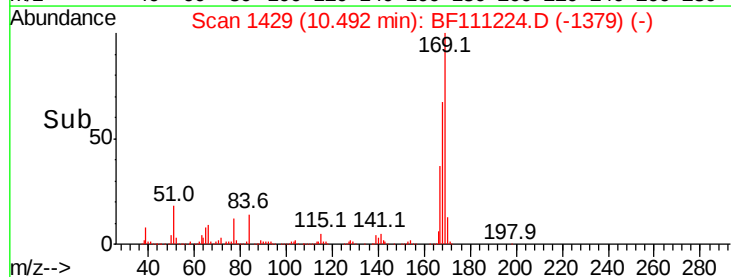
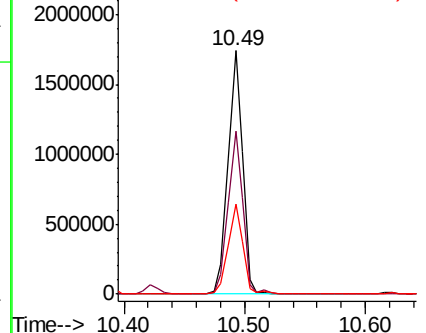
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 169   | Resp: | 1453127 |
| Ion Ratio | Lower | Upper |         |
| 169       | 100   |       |         |
| 168       | 67.2  | 54.4  | 81.6    |
| 167       | 37.0  | 30.5  | 45.7    |

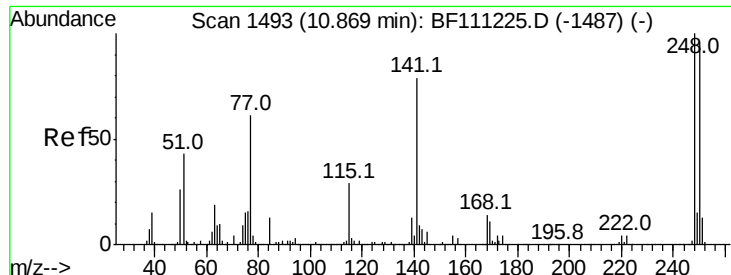


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





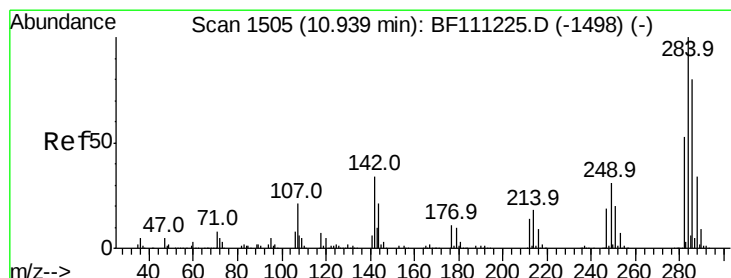
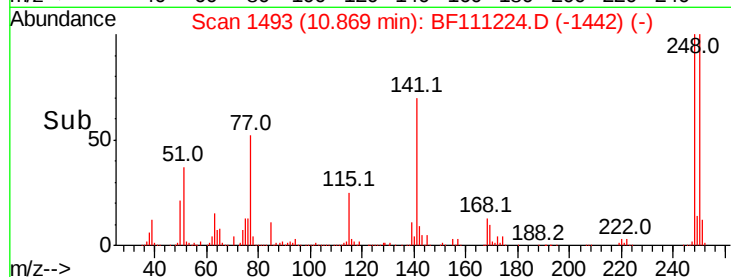
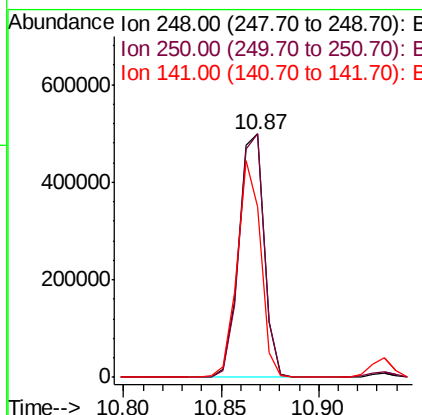
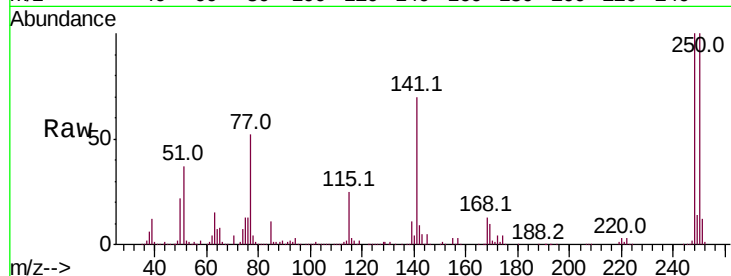
#67  
 4-Bromophenyl-phenylether  
 Concen: 29.349 ng  
 RT: 10.87 min Scan# 1493  
 Delta R.T. -0.00 min  
 Lab File: BF111224.D  
 Acq: 8 Dec 2018 12:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 100.1 | 77.0  | 115.4 |
| 141     | 70.1  | 63.0  | 94.6  |

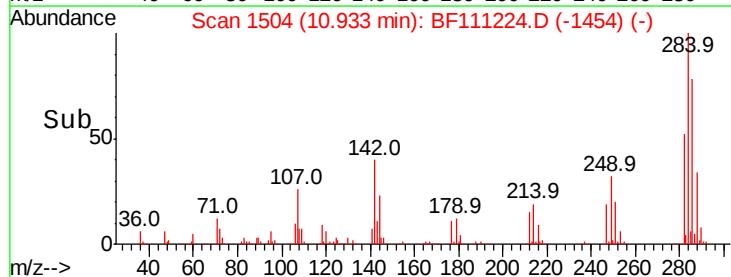
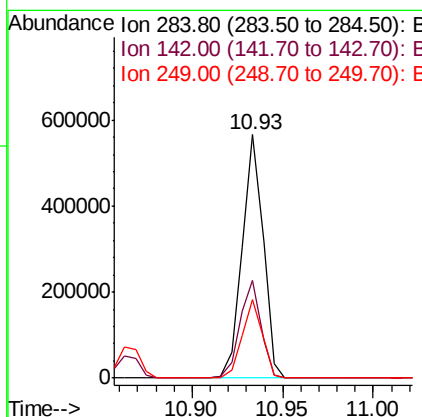
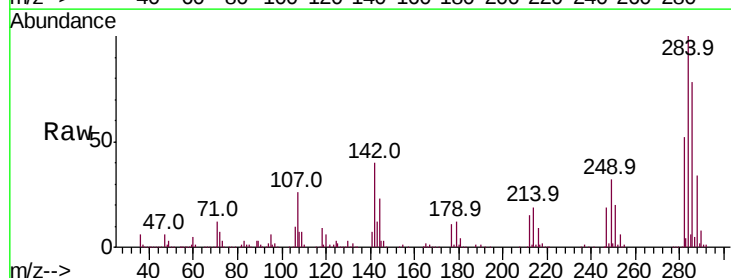
Manual Integrations  
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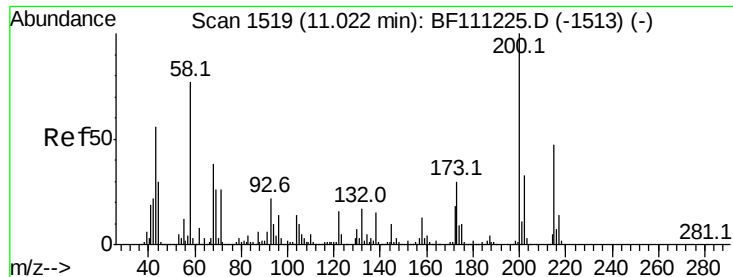
Sohil  
 12/10/2018 4:58:50 PM



#68  
 Hexachlorobenzene  
 Concen: 29.044 ng  
 RT: 10.93 min Scan# 1504  
 Delta R.T. -0.01 min  
 Lab File: BF111224.D  
 Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 40.0  | 27.4  | 41.2  |
| 249     | 32.2  | 24.4  | 36.6  |





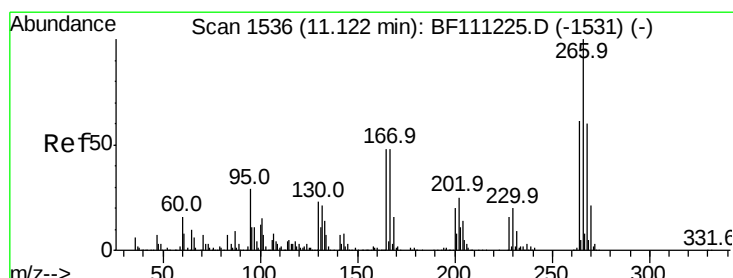
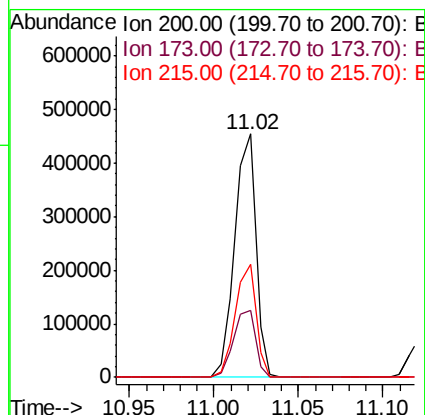
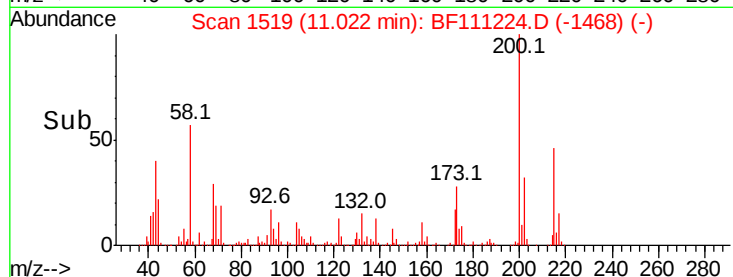
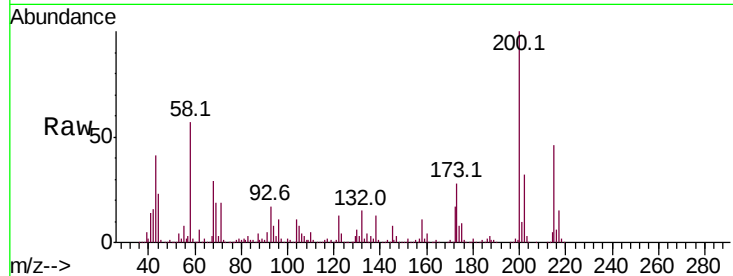
#69  
Atrazine  
Concen: 28.974 ng  
RT: 11.02 min Scan# 1519  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.5  | 10.1  | 50.1  |
| 215     | 46.5  | 26.9  | 66.9  |

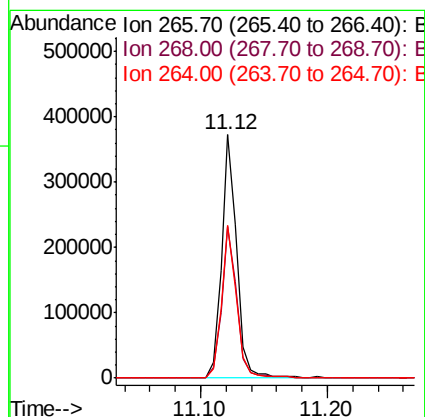
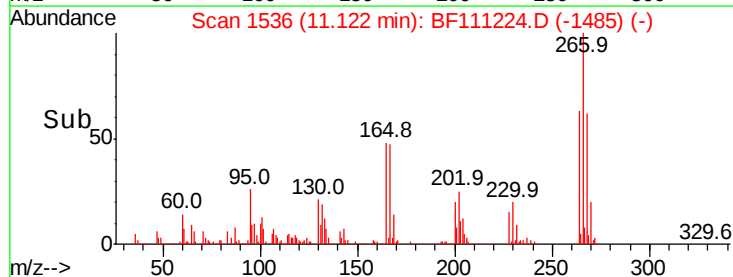
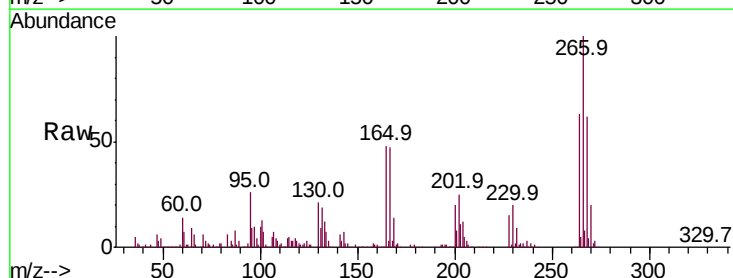
Manual Integrations  
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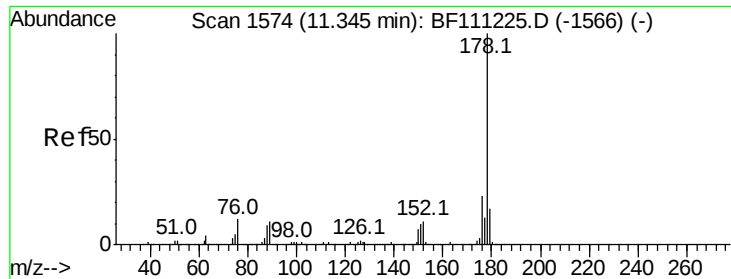
Sohil  
12/10/2018 4:58:50 PM



#70  
Pentachlorophenol  
Concen: 30.262 ng  
RT: 11.12 min Scan# 1536  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.1  | 47.9  | 71.9  |
| 264     | 62.7  | 49.1  | 73.7  |





#71

Phenanthrene

Concen: 28.711 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC025

Tot Ion:178 Resp: 1982651

Ion Ratio Lower Upper

178 100

176 19.8 18.1 27.1

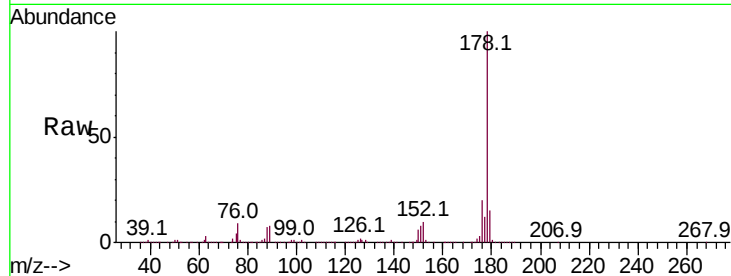
179 15.4 14.0 21.0

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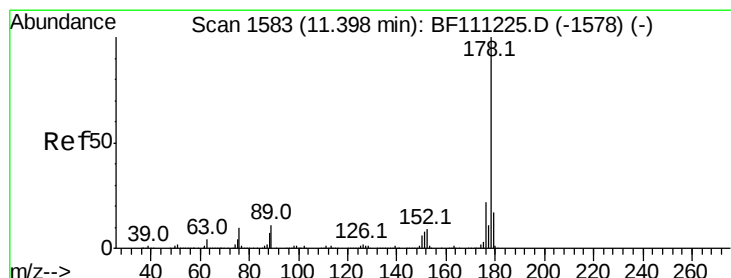
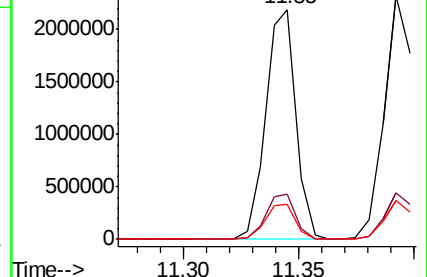
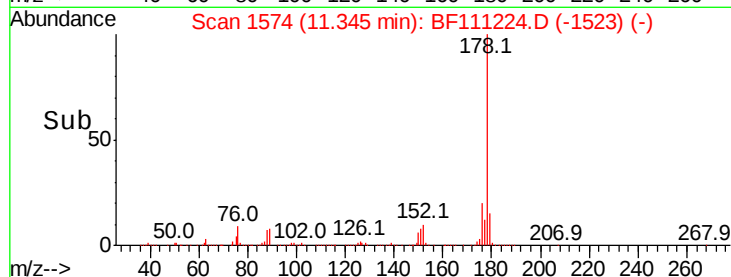
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 28.774 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

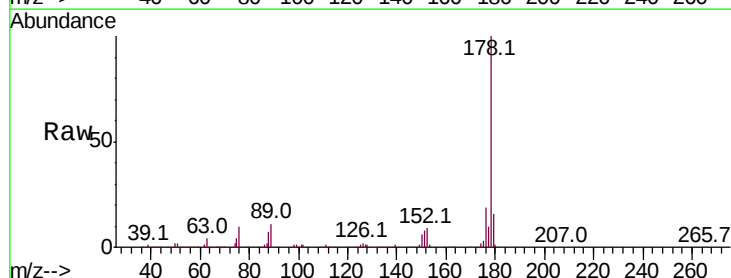
Tgt Ion:178 Resp: 2003483

Ion Ratio Lower Upper

178 100

176 19.1 17.2 25.8

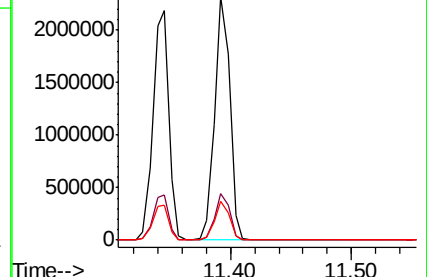
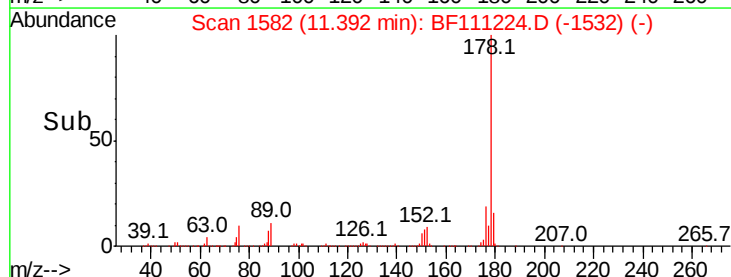
179 15.9 13.8 20.8

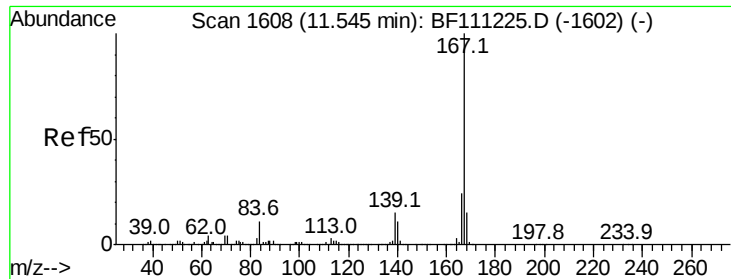


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73  
 Carbazole  
 Concen: 29.314 ng  
 RT: 11.55 min Scan# 1608  
 Delta R.T. -0.00 min  
 Lab File: BF111224.D  
 Acq: 8 Dec 2018 12:33

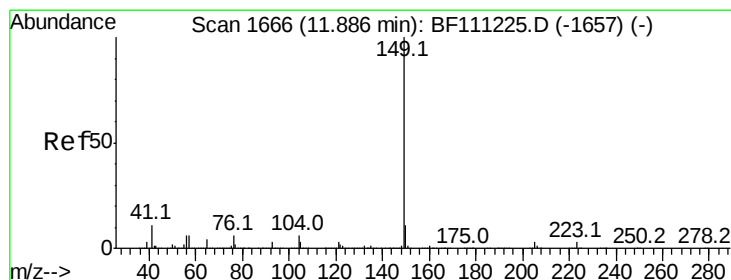
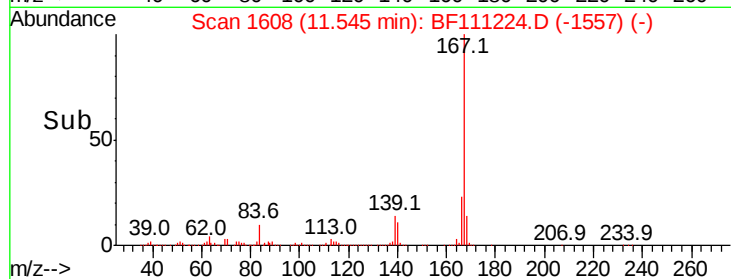
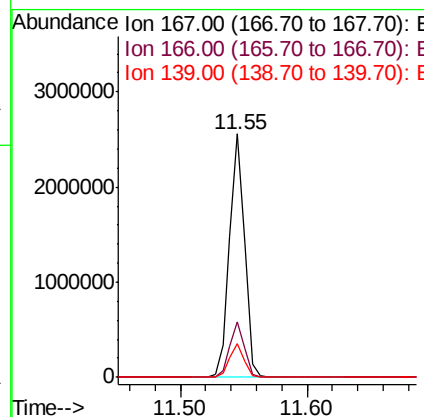
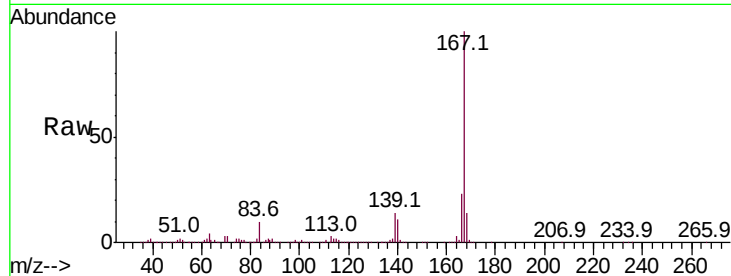
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC025

Tot Ion:167 Resp: 2127059  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.6  | 19.3  | 28.9  |
| 139 | 13.9  | 11.9  | 17.9  |

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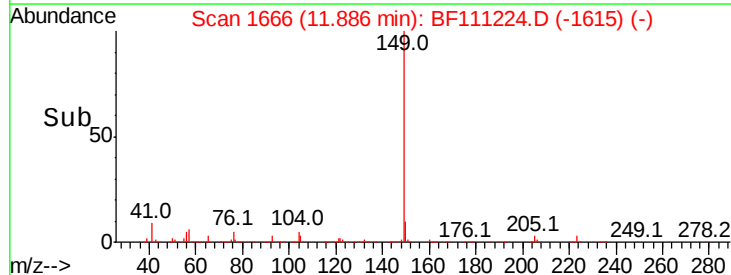
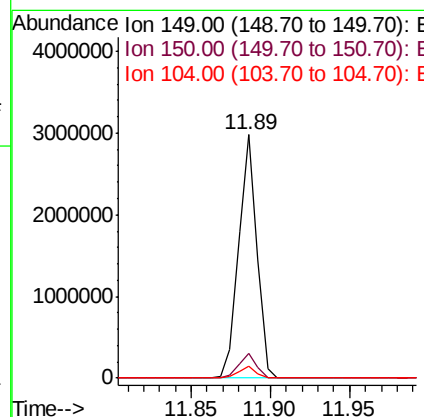
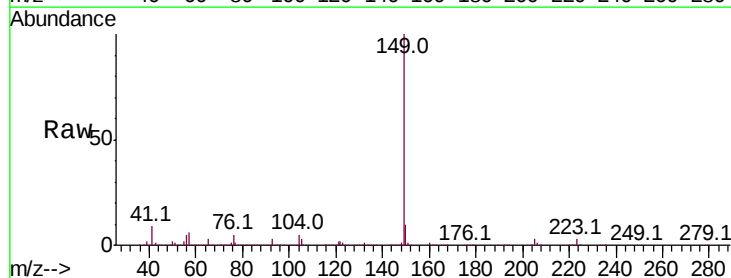
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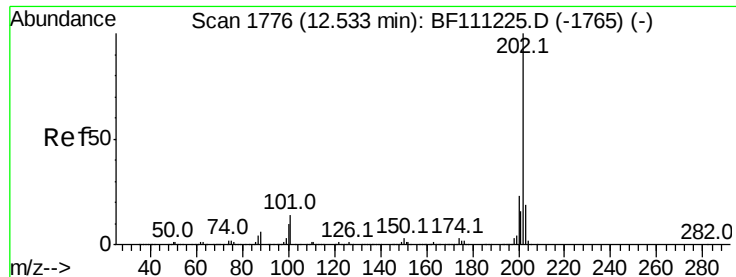


#74  
 Di-n-butylphthalate  
 Concen: 27.996 ng  
 RT: 11.89 min Scan# 1666  
 Delta R.T. -0.00 min  
 Lab File: BF111224.D  
 Acq: 8 Dec 2018 12:33

Tgt Ion:149 Resp: 2376097  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.0  | 8.8   | 13.2  |
| 104 | 5.1   | 4.5   | 6.7   |





#75

Fluoranthene

Concen: 28.984 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

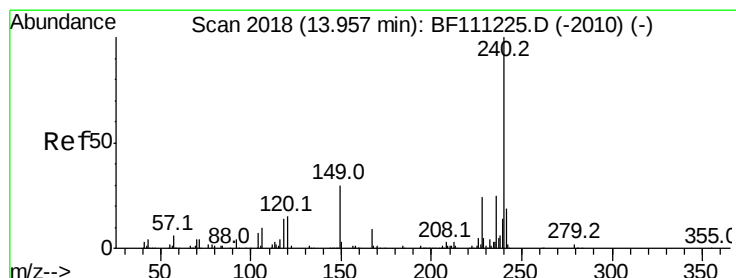
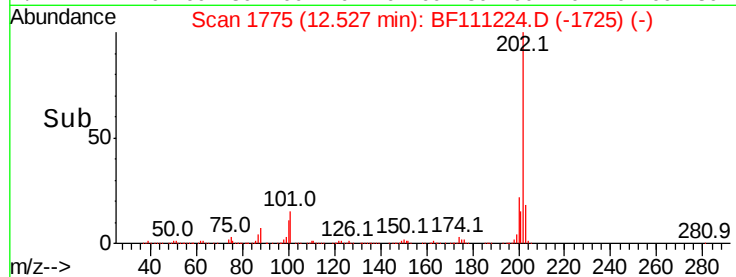
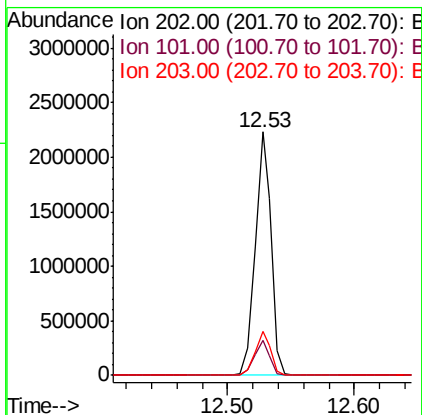
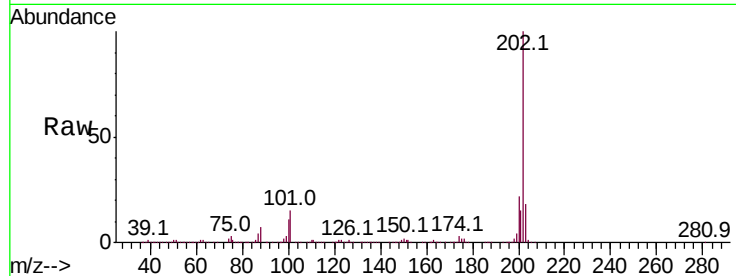
ClientSampleId :

SSTDICC025

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1965382 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 14.5  | 0.0   | 33.8    |
| 203       | 18.2  | 0.0   | 38.6    |

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#76

Chrysene-d12

Concen: 20.000 ng

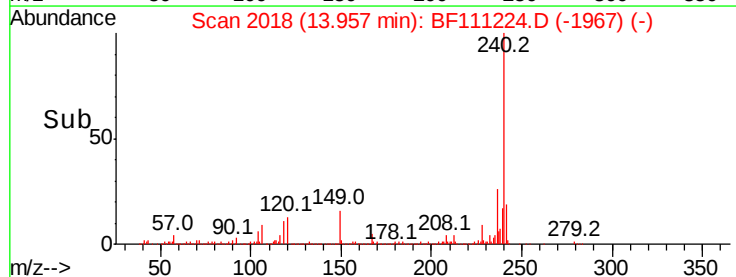
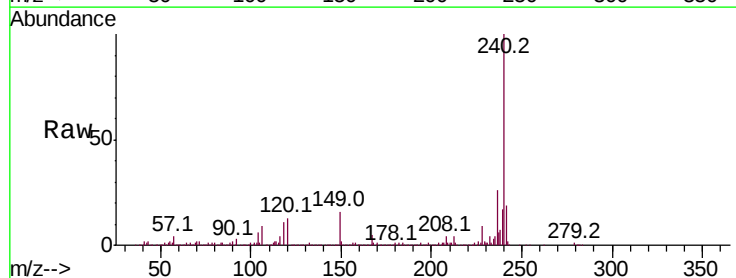
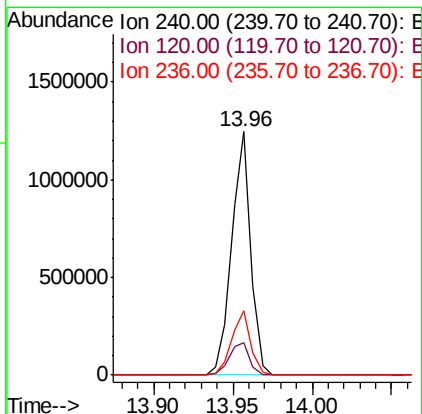
RT: 13.96 min Scan# 2018

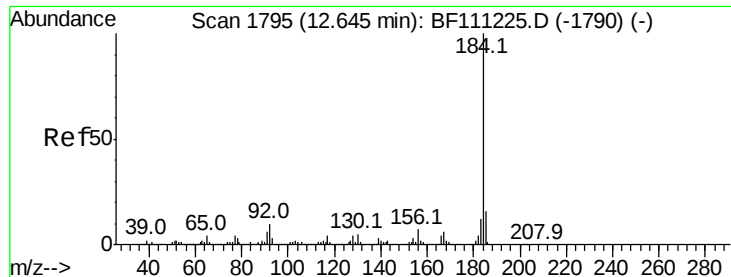
Delta R.T. -0.00 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 240   | Resp: | 1038571 |
| Ion Ratio | Lower | Upper |         |
| 240       | 100   |       |         |
| 120       | 13.4  | 12.2  | 18.2    |
| 236       | 26.4  | 20.2  | 30.2    |





#77

Benzidine

Concen: 26.125 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

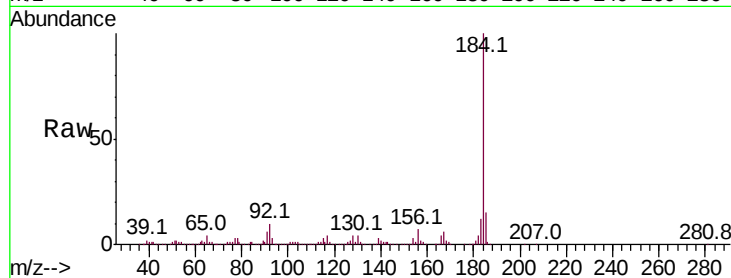
ClientSampleId :

SSTDICC025

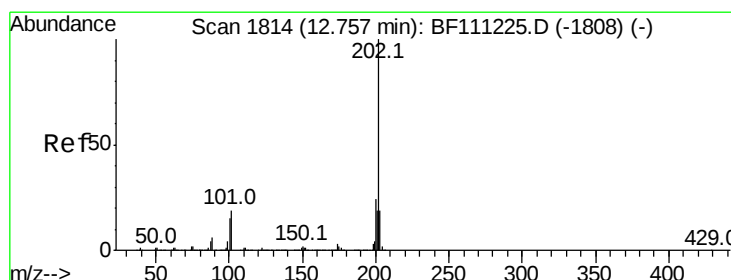
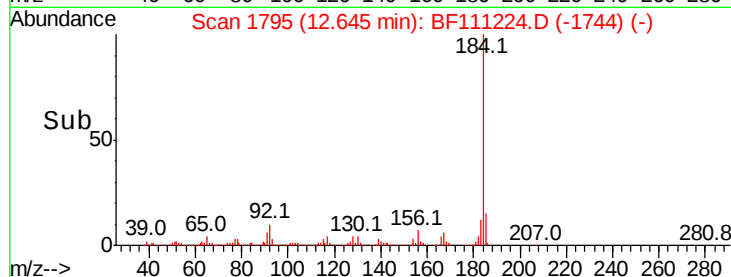
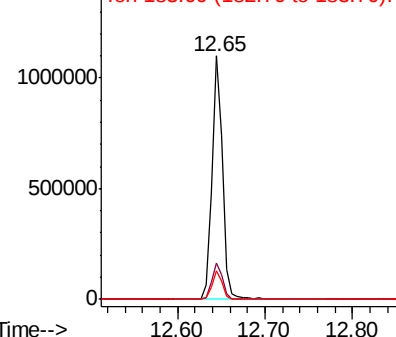
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 920327 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.9  | 13.0  | 19.6   |
| 183       | 11.5  | 9.3   | 13.9   |

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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 25.601 ng

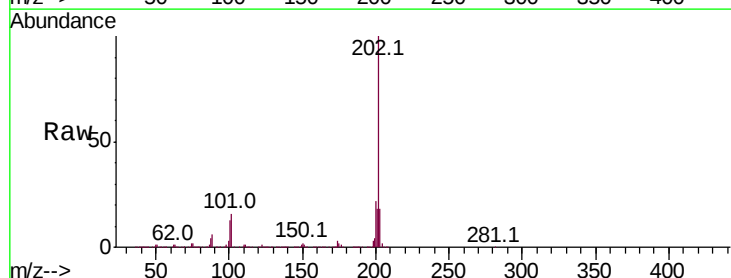
RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

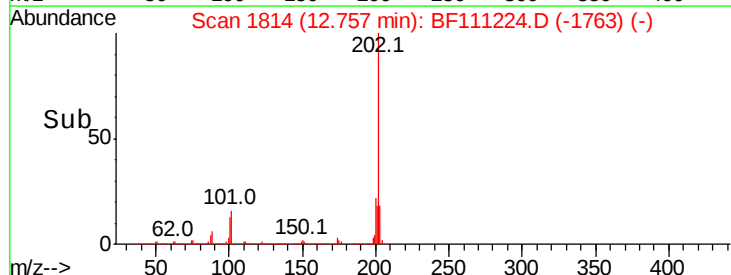
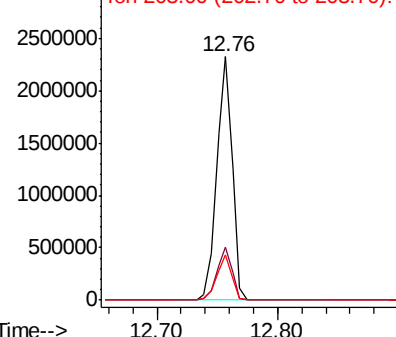
Lab File: BF111224.D

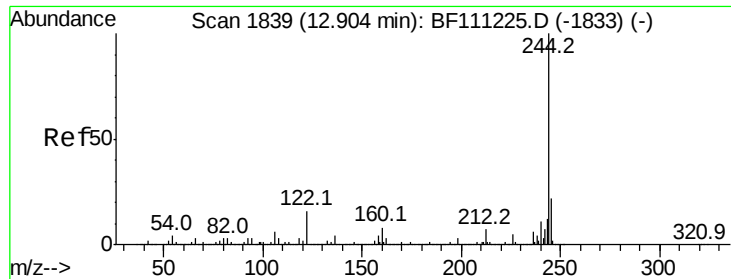
Acq: 8 Dec 2018 12:33

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 2049784 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.9  | 19.0  | 28.4    |
| 203       | 18.3  | 15.2  | 22.8    |



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





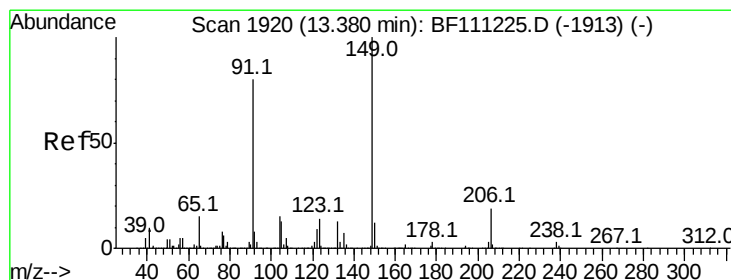
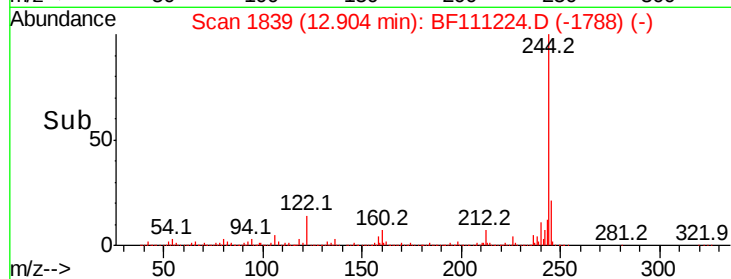
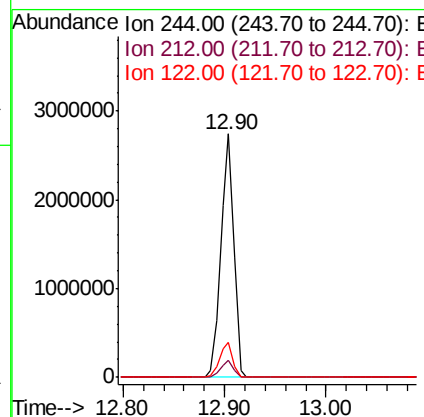
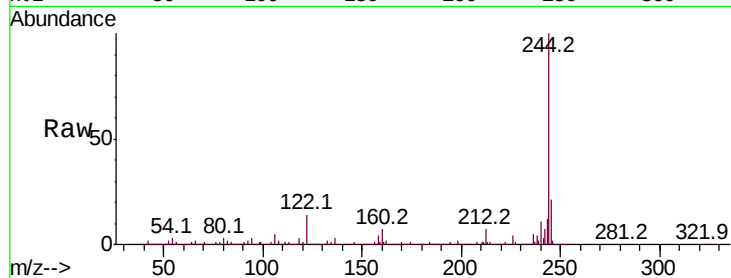
#79  
Terphenyl-d14  
Concen: 48.521 ng  
RT: 12.90 min Scan# 1839  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.8   | 5.7   | 8.5   |
| 122     | 14.4  | 13.1  | 19.7  |

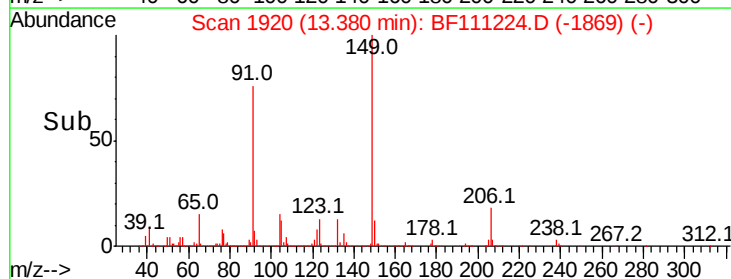
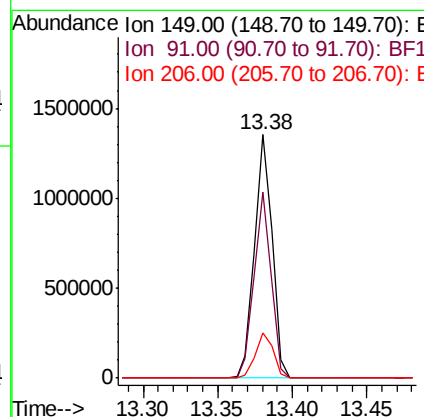
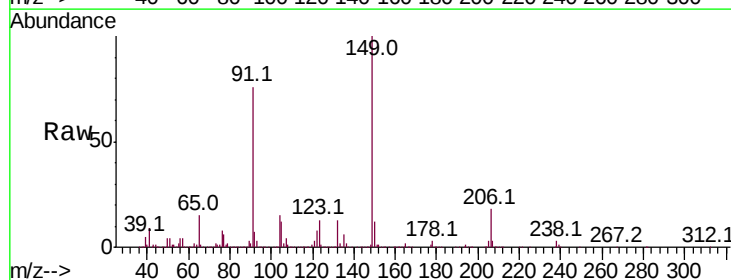
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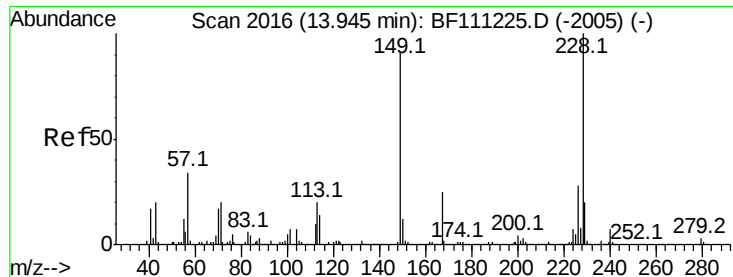
Sohil  
12/10/2018 4:58:50 PM



#80  
Butylbenzylphthalate  
Concen: 28.295 ng  
RT: 13.38 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.2  | 63.8  | 95.6  |
| 206     | 18.3  | 15.1  | 22.7  |





#81

Benzo(a)anthracene

Concen: 25.279 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

Instrument :

BNA\_F

ClientSampleId :

SSTDICC025

Tot Ion:228 Resp: 1523281

Ion Ratio Lower Upper

228 100

226 27.2 22.6 34.0

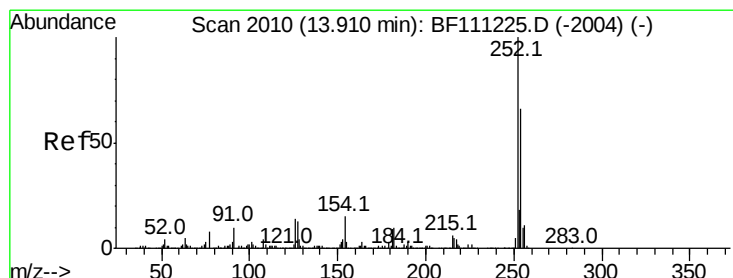
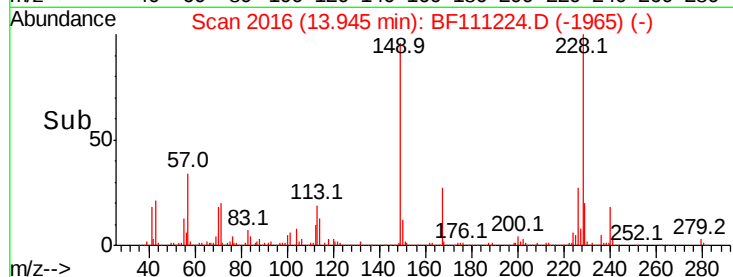
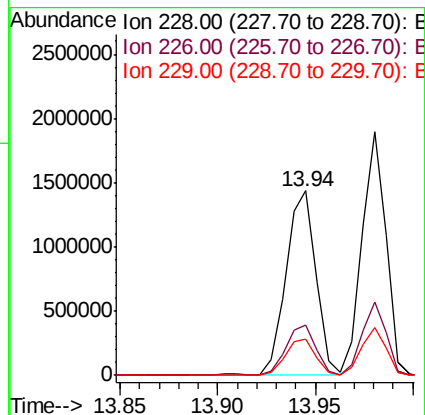
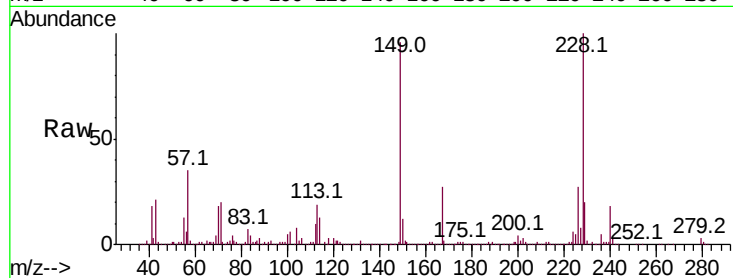
229 19.8 16.3 24.5

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#82

3,3'-Dichlorobenzidine

Concen: 28.261 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF111224.D

Acq: 8 Dec 2018 12:33

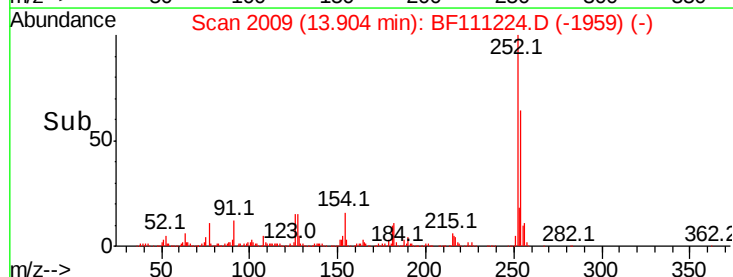
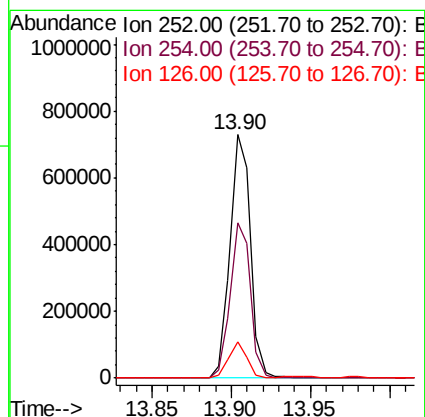
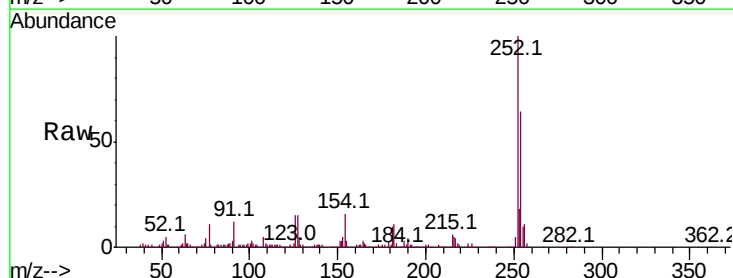
Tgt Ion:252 Resp: 650575

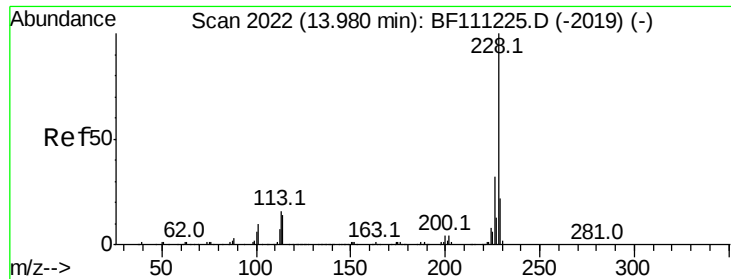
Ion Ratio Lower Upper

252 100

254 63.7 52.7 79.1

126 15.1 11.1 16.7





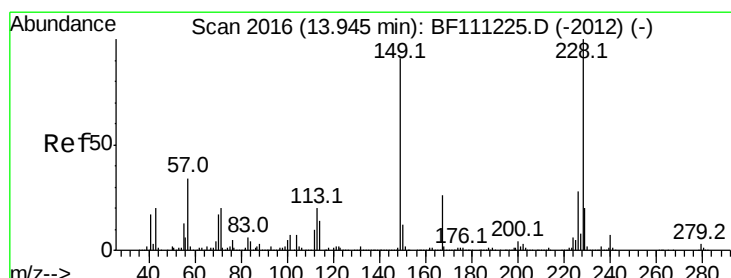
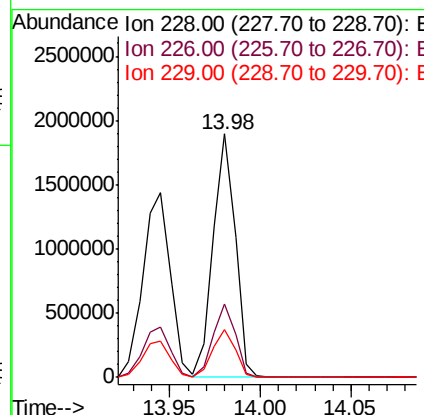
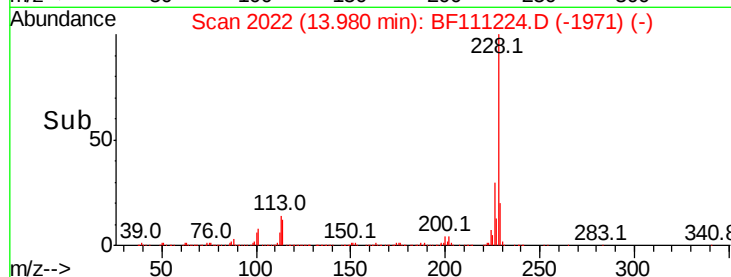
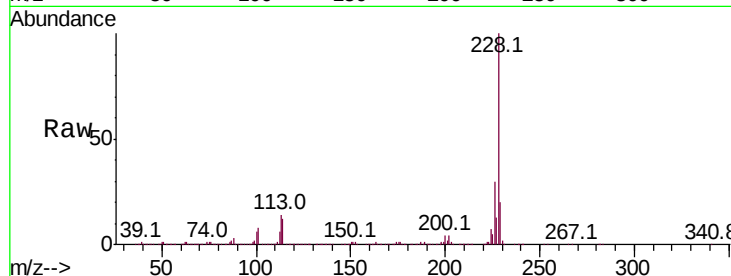
#83  
Chrysene  
Concen: 26.683 ng  
RT: 13.98 min Scan# 2022  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

Tot Ion:228 Resp: 1609102  
Ion Ratio Lower Upper  
228 100  
226 30.4 25.3 37.9  
229 19.6 17.2 25.8

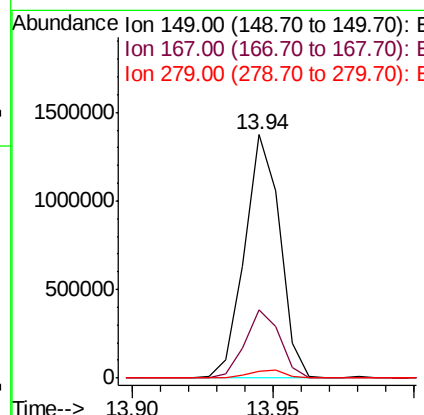
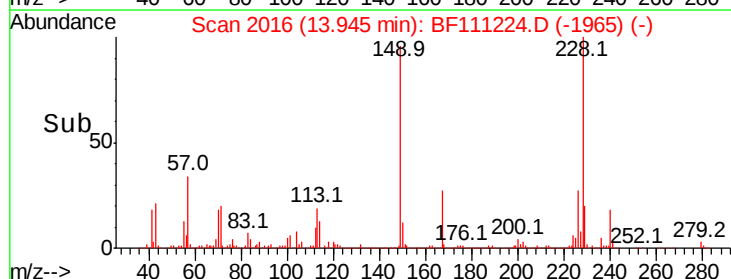
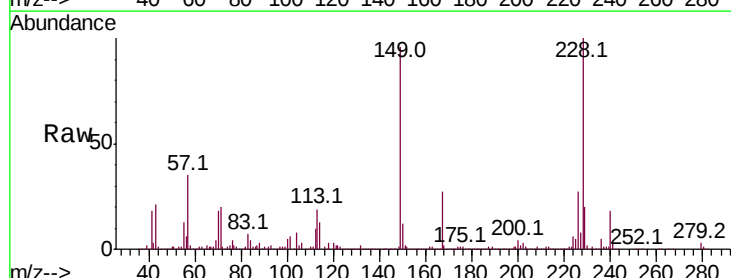
Manual Integrations  
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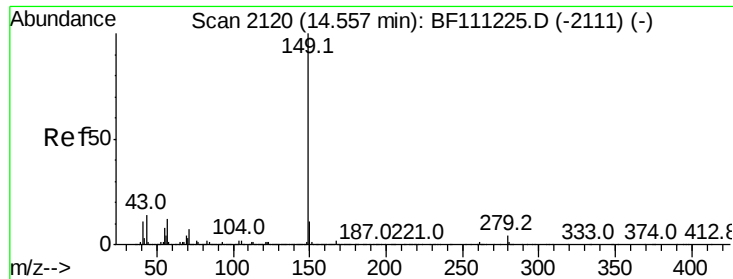
Sohil  
12/10/2018 4:58:50 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 25.600 ng  
RT: 13.94 min Scan# 2016  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Tgt Ion:149 Resp: 1194308  
Ion Ratio Lower Upper  
149 100  
167 27.8 22.5 33.7  
279 2.8 2.6 4.0





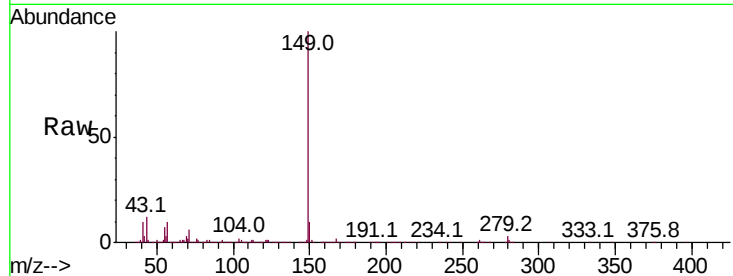
#85  
Di-n-octyl phthalate  
Concen: 25.845 ng  
RT: 14.56 min Scan# 2120  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 12.9  | 10.9  | 16.3  |

Manual Integrations  
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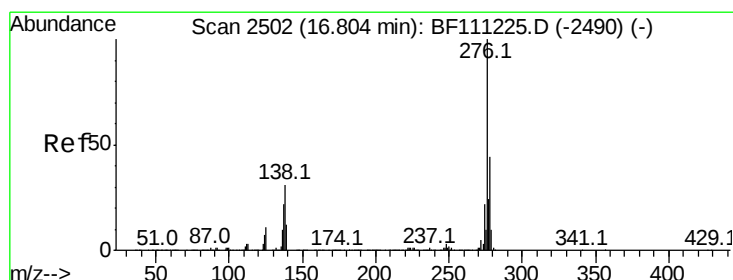
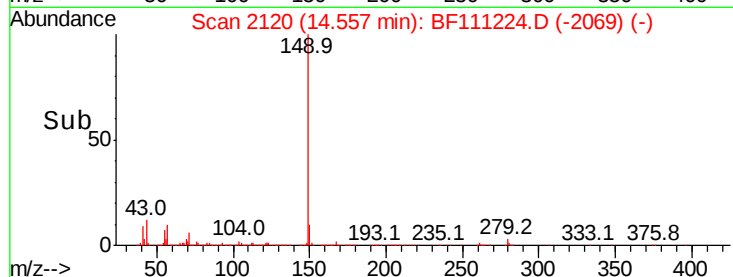
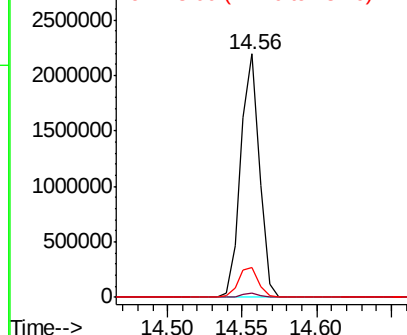


Abundance

Ion 149.00 (148.70 to 149.70): E

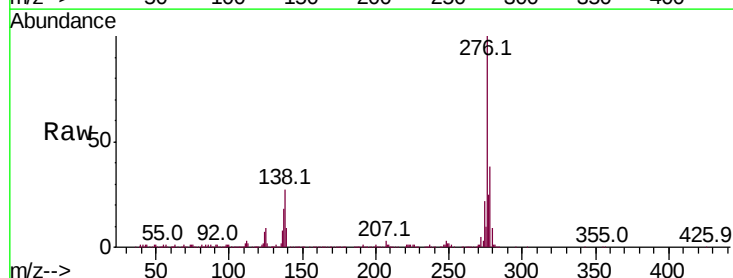
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 21.815 ng  
RT: 16.80 min Scan# 2501  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 31.6  | 27.8  | 41.6  |
| 277     | 24.9  | 20.1  | 30.1  |

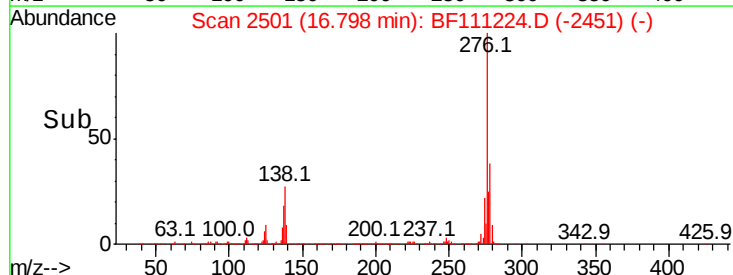
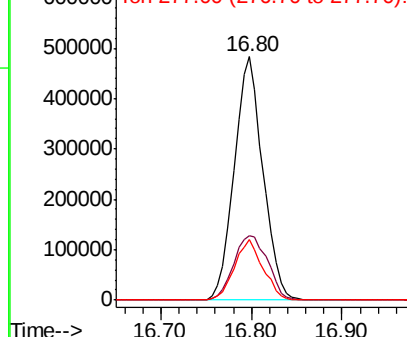


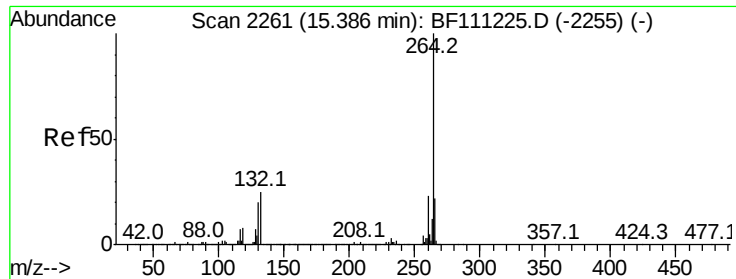
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





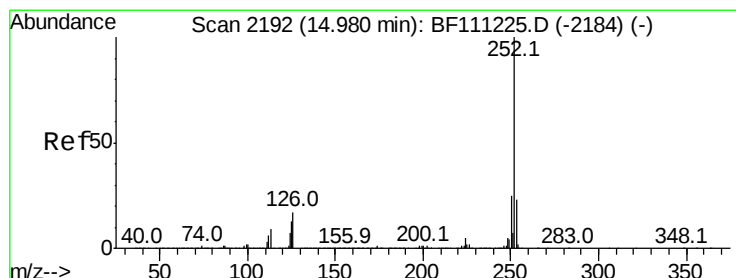
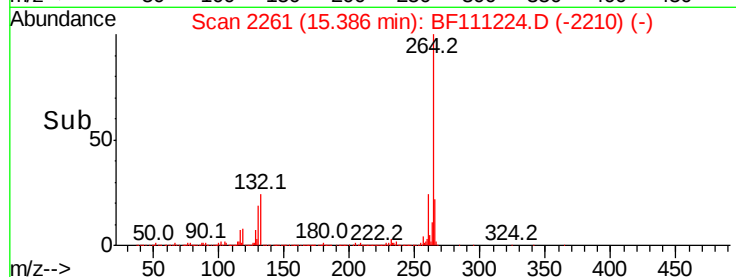
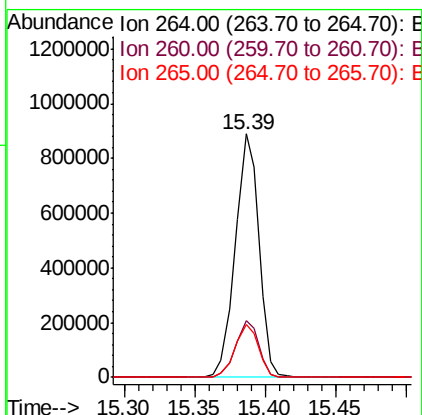
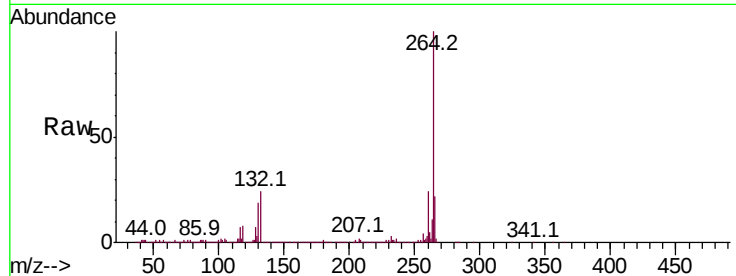
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.39 min Scan# 2261  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 18.3  | 27.5  |
| 265     | 21.8  | 17.7  | 26.5  |

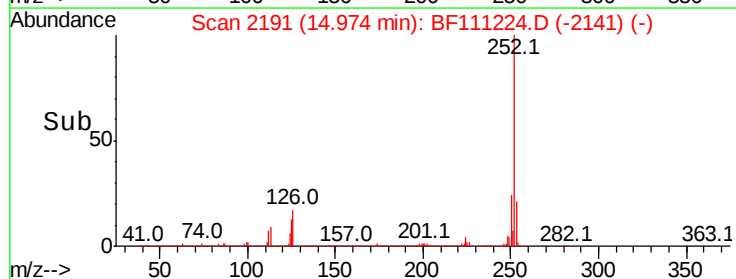
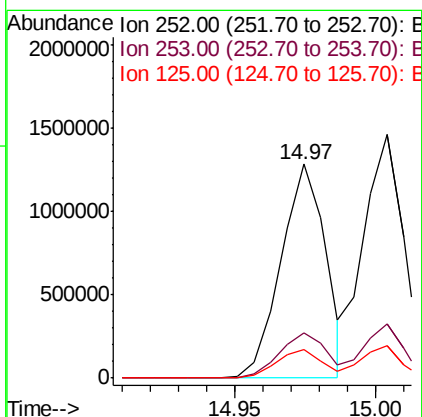
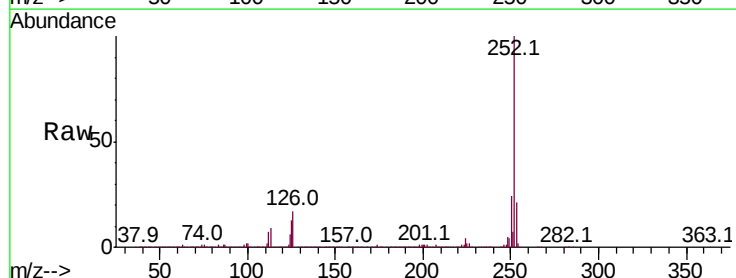
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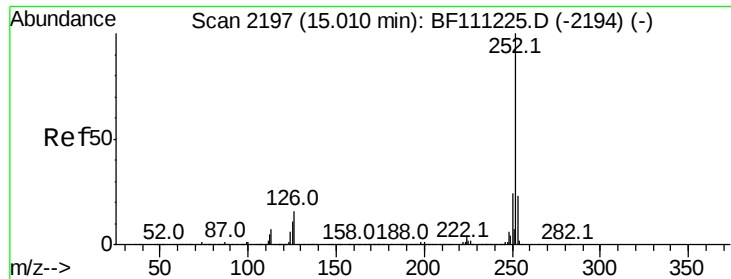
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#88  
Benzo(b)fluoranthene  
Concen: 24.170 ng  
RT: 14.97 min Scan# 2191  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 18.2  | 27.2  |
| 125     | 13.3  | 10.4  | 15.6  |





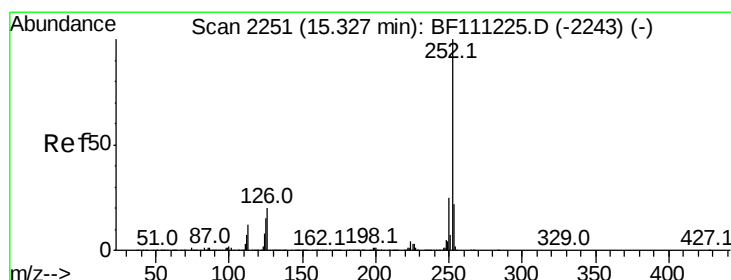
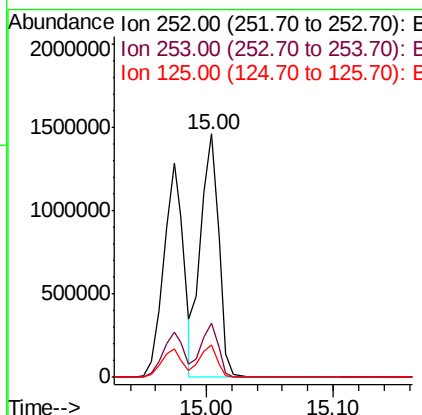
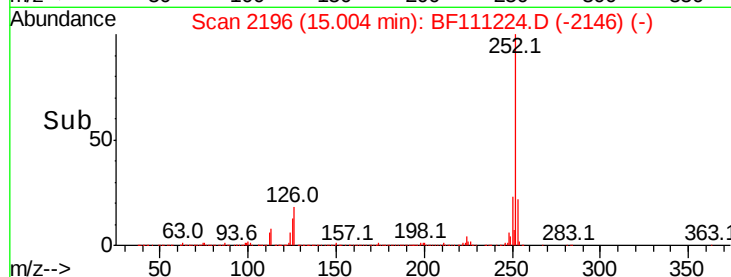
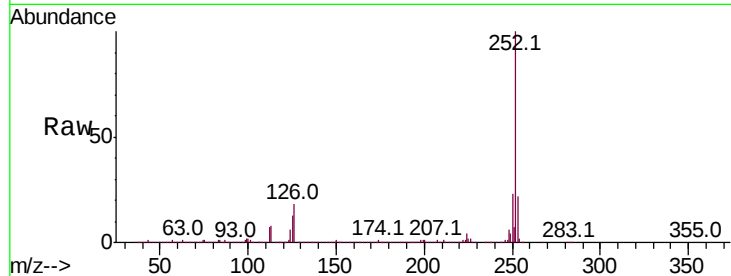
#89  
Benzo(k)fluoranthene  
Concen: 25.646 ng  
RT: 15.00 min Scan# 2196  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

Tot Ion:252 Resp: 1444124  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.1 27.1  
125 13.3 9.8 14.8

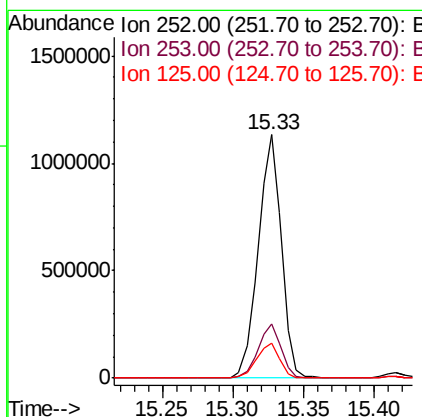
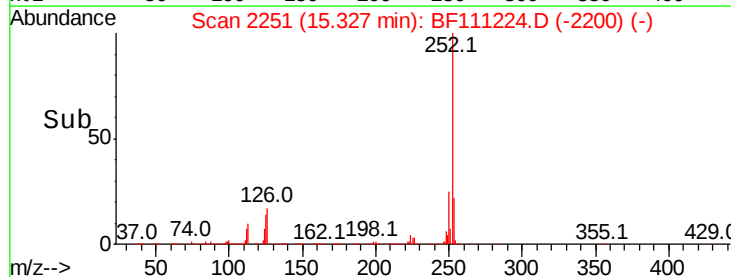
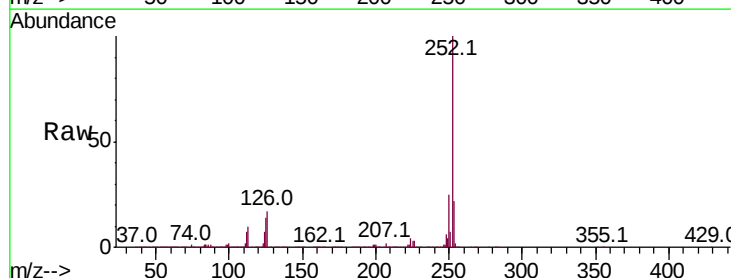
Manual Integrations  
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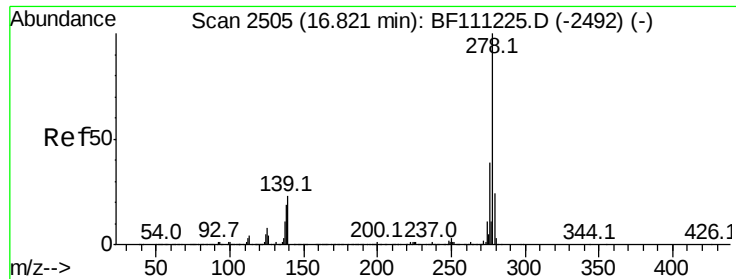
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#90  
Benzo(a)pyrene  
Concen: 24.479 ng  
RT: 15.33 min Scan# 2251  
Delta R.T. -0.00 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Tgt Ion:252 Resp: 1311889  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 14.3 12.3 18.5





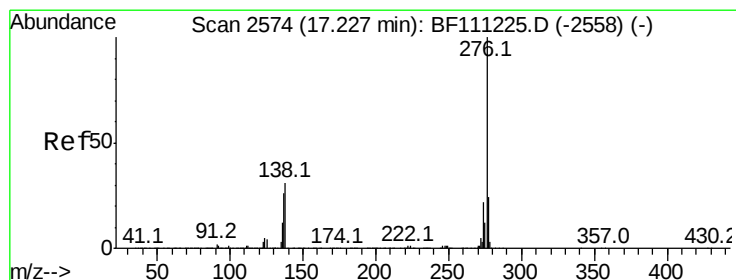
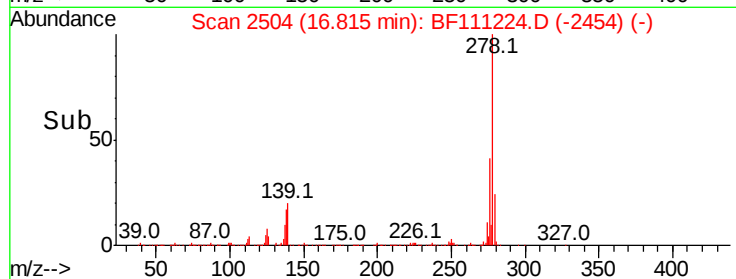
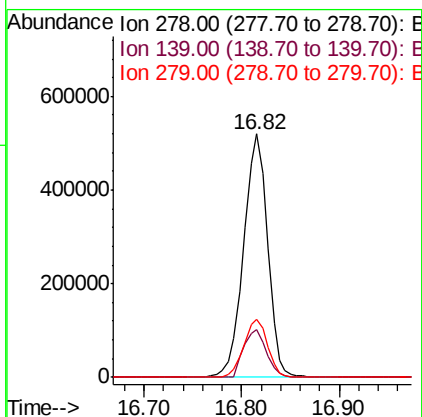
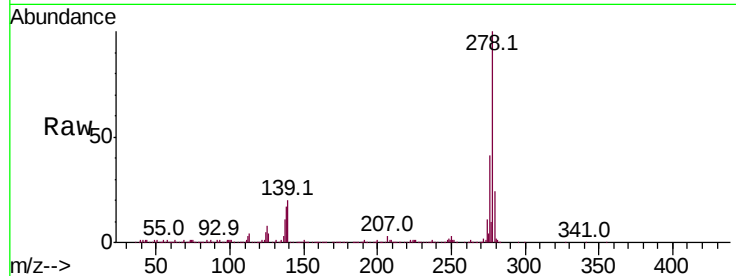
#91  
Dibenzo(a,h)anthracene  
Concen: 19.829 ng  
RT: 16.82 min Scan# 2504  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC025

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.8  | 18.2  | 27.4  |
| 279     | 23.8  | 19.0  | 28.6  |

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 18.977 ng  
RT: 17.22 min Scan# 2573  
Delta R.T. -0.01 min  
Lab File: BF111224.D  
Acq: 8 Dec 2018 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.7  | 19.2  | 28.8  |
| 138     | 26.3  | 24.9  | 37.3  |

