

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\  
 Data File : BF111595.D  
 Acq On : 19 Dec 2018 17:05  
 Operator : JU/SJ  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Dec 19 17:31:49 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 19 16:16:54 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 224001   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 771338   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 382499   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 698398   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.05 | 240  | 442576   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.52 | 264  | 407289   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 1836789 | 136.45 | ng | 0.00 |
| 7) Phenol-d6             | 6.53  | 99  | 2321568 | 129.66 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.47  | 82  | 2132436 | 164.63 | ng | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.73 | 330 | 674551  | 196.87 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.26  | 172 | 3458451 | 139.66 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.00 | 244 | 3497593 | 185.58 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.70 | 88  | 454565  | 69.918 | ng | 97     |
| 3) Pyridine                    | 3.46 | 79  | 1188518 | 72.788 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.42 | 42  | 591857  | 79.799 | ng | 85     |
| 6) Aniline                     | 6.57 | 93  | 1542781 | 69.461 | ng | 100    |
| 8) 2-Chlorophenol              | 6.69 | 128 | 1020292 | 63.435 | ng | 97     |
| 9) Benzaldehyde                | 6.45 | 77  | 776016  | 71.453 | ng | 97     |
| 10) Phenol                     | 6.55 | 94  | 1327014 | 66.529 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 6.64 | 93  | 1007686 | 64.445 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.85 | 146 | 1186171 | 66.996 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 1191310 | 66.291 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 1092106 | 64.597 | ng | 99     |
| 15) Benzyl Alcohol             | 7.04 | 79  | 951881  | 69.866 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.18 | 45  | 1813790 | 59.410 | ng | 99     |
| 17) 2-Methylphenol             | 7.15 | 107 | 841227  | 64.989 | ng | 96     |
| 18) Hexachloroethane           | 7.42 | 117 | 423728  | 63.357 | ng | # 89   |
| 19) n-Nitroso-di-n-propylamine | 7.33 | 70  | 782768  | 66.262 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.31 | 107 | 989499  | 60.941 | ng | 94     |
| 22) Acetophenone               | 7.32 | 105 | 1416384 | 82.258 | ng | # 88   |
| 24) Nitrobenzene               | 7.49 | 77  | 1101442 | 83.357 | ng | 99     |
| 25) Isophorone                 | 7.73 | 82  | 1817139 | 82.911 | ng | 98     |
| 26) 2-Nitrophenol              | 7.80 | 139 | 498838  | 72.796 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 846389  | 85.199 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93  | 1160352 | 76.691 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.04 | 162 | 898212  | 84.698 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 991079  | 89.273 | ng | 98     |
| 31) Naphthalene                | 8.20 | 128 | 2659149 | 73.707 | ng | 99     |
| 32) Benzoic acid               | 7.97 | 122 | 586665  | 68.339 | ng | 89     |
| 33) 4-Chloroaniline            | 8.25 | 127 | 1169056 | 72.872 | ng | 100    |
| 34) Hexachlorobutadiene        | 8.33 | 225 | 608192  | 99.438 | ng | 99     |
| 35) Caprolactam                | 8.65 | 113 | 302737  | 76.888 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107 | 884759  | 75.795 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.90 | 142 | 1733360 | 71.003 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 1656932 | 70.255 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 898965  | 85.700 | ng | 98     |

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 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

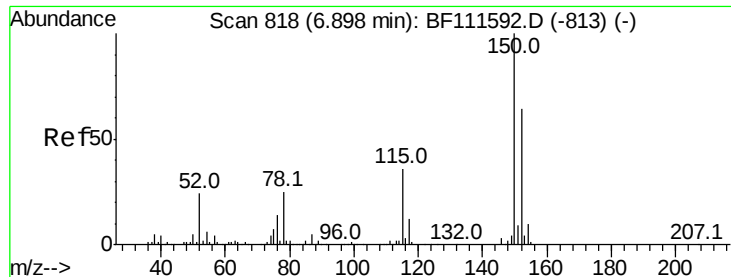
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Dec 19 17:31:49 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 19 16:16:54 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.06  | 237  | 488333   | 90.674  | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 642177   | 86.498  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.21  | 196  | 653417   | 82.709  | nq    | 92       |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 2253146  | 69.521  | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.39  | 162  | 1844039  | 74.854  | nq    | 97       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 559741   | 69.978  | nq    | 99       |
| 49) Acenaphthylene             | 9.80  | 152  | 2701897  | 73.888  | nq    | 97       |
| 50) Dimethylphthalate          | 9.66  | 163  | 2054700  | 74.589  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.72  | 165  | 468874   | 75.618  | nq #  | 84       |
| 52) Acenaphthene               | 9.97  | 154  | 1674225  | 72.439  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.89  | 138  | 510133   | 67.735  | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 9.99  | 184  | 146949   | 62.293  | nq #  | 89       |
| 55) Dibenzofuran               | 10.15 | 168  | 2481245  | 73.960  | nq    | 98       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 392857   | 75.375  | nq    | 91       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 576718   | 70.865  | nq    | 97       |
| 58) Fluorene                   | 10.49 | 166  | 1722701  | 70.795  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 550061   | 89.114  | nq    | 91       |
| 60) Diethylphthalate           | 10.36 | 149  | 2006756  | 71.918  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 971161   | 81.574  | nq    | 96       |
| 62) 4-Nitroaniline             | 10.50 | 138  | 471370   | 63.224  | nq    | 88       |
| 63) Azobenzene                 | 10.64 | 77   | 2006027  | 72.923  | nq    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 249422   | 63.260  | nq    | 93       |
| 66) n-Nitrosodiphenylamine     | 10.60 | 169  | 1729962  | 71.830  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.97 | 248  | 655916   | 87.138  | nq #  | 89       |
| 68) Hexachlorobenzene          | 11.03 | 284  | 726223   | 93.791  | nq    | 98       |
| 69) Atrazine                   | 11.12 | 200  | 590654   | 84.861  | nq    | 98       |
| 70) Pentachlorophenol          | 11.22 | 266  | 488363   | 102.832 | nq    | 96       |
| 71) Phenanthrene               | 11.44 | 178  | 2613612  | 72.626  | nq    | 98       |
| 72) Anthracene                 | 11.50 | 178  | 2602804  | 70.722  | nq    | 99       |
| 73) Carbazole                  | 11.64 | 167  | 2555112  | 67.137  | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.98 | 149  | 2803410  | 66.141  | nq    | 98       |
| 75) Fluoranthene               | 12.63 | 202  | 2533756  | 71.969  | nq    | 98       |
| 77) Benzidine                  | 12.74 | 184  | 1198486  | 73.666  | nq #  | 93       |
| 78) Pyrene                     | 12.86 | 202  | 2549620  | 81.710  | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 1021014  | 67.131  | nq    | 91       |
| 81) Benzo(a)anthracene         | 14.04 | 228  | 1846061  | 76.713  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 713172   | 72.900  | nq #  | 98       |
| 83) Chrysene                   | 14.08 | 228  | 1870747  | 73.795  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.03 | 149  | 1178978  | 60.690  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.65 | 149  | 1877731  | 57.305  | nq    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.02 | 276  | 2012735  | 110.008 | nq #  | 89       |
| 88) Benzo(b)fluoranthene       | 15.13 | 252  | 1713670  | 72.168  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.13 | 252  | 1713670  | 75.528  | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.47 | 252  | 1682799  | 78.588  | nq #  | 95       |
| 91) Dibenzo(a,h)anthracene     | 17.03 | 278  | 1665808  | 98.620  | nq #  | 93       |
| 92) Benzo(g,h,i)perylene       | 17.47 | 276  | 1684196  | 101.579 | nq #  | 89       |

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



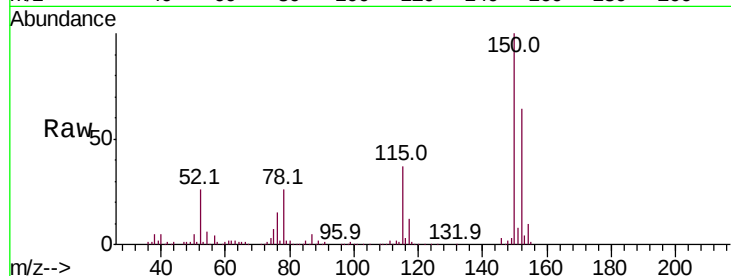


#1

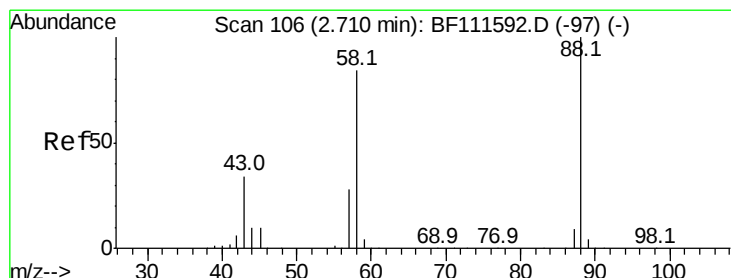
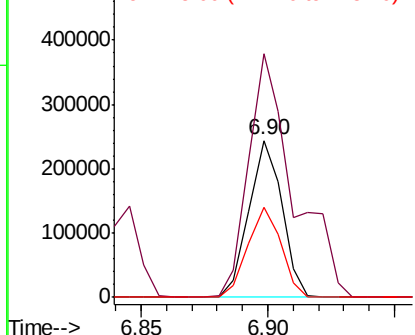
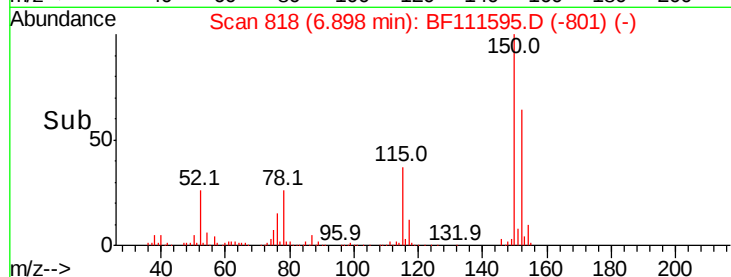
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:152 Resp: 224001  
Ion Ratio Lower Upper  
152 100  
150 155.2 126.6 189.8  
115 57.2 50.7 76.1



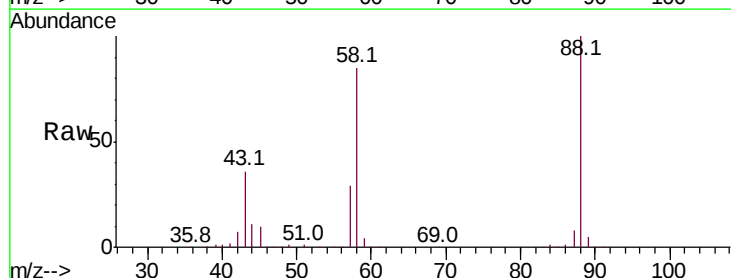
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



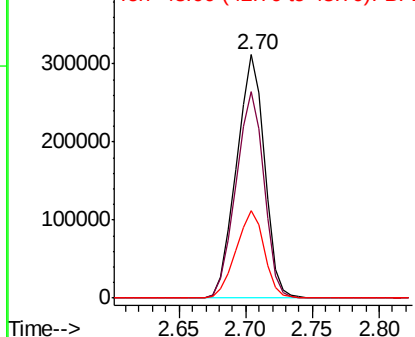
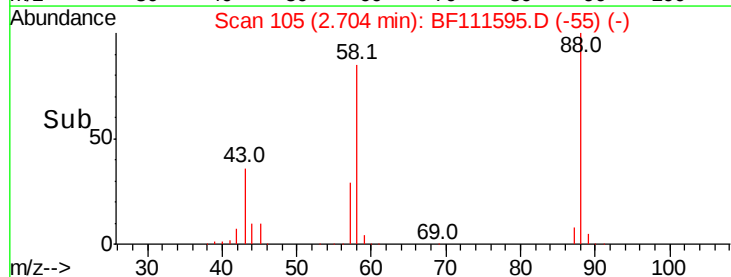
#2

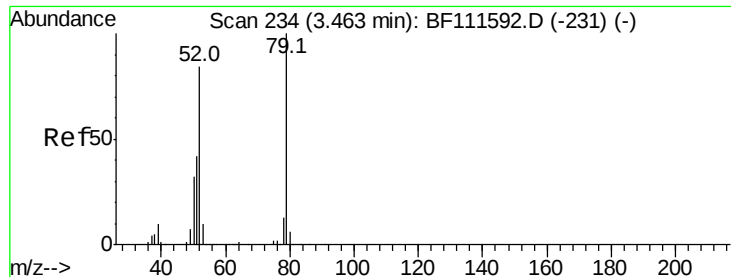
1,4-Dioxane  
Concen: 69.918 ng  
RT: 2.70 min Scan# 105  
Delta R.T. -0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Tgt Ion: 88 Resp: 454565  
Ion Ratio Lower Upper  
88 100  
58 84.9 68.9 103.3  
43 36.2 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: 72.788 ng

RT: 3.46 min Scan# 234

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

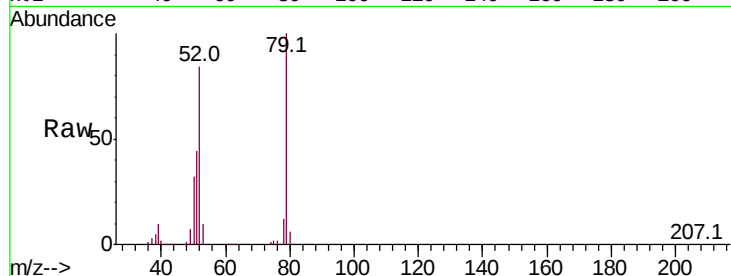
Tot Ion: 79 Resp: 1188518

Ion Ratio Lower Upper

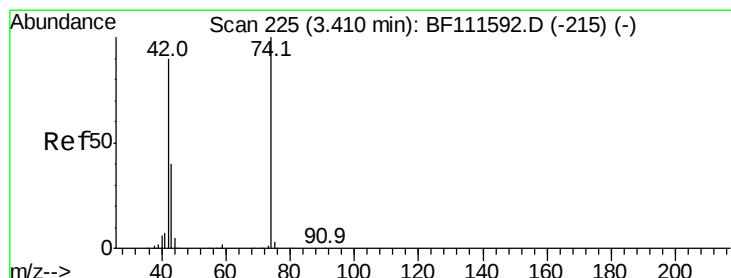
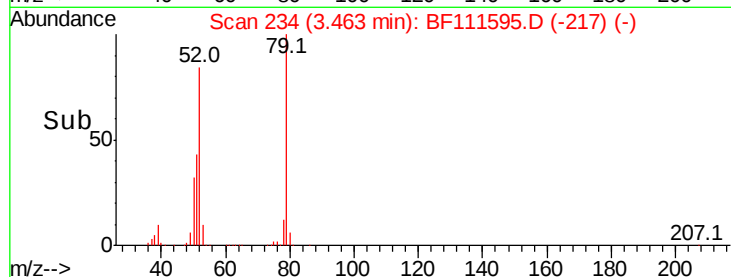
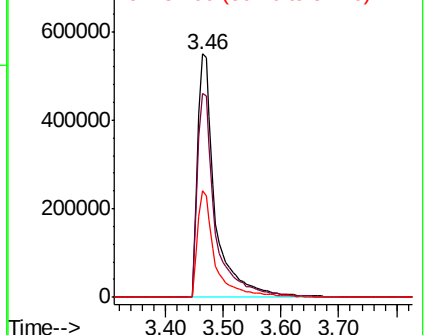
79 100

52 83.6 68.3 102.5

51 43.6 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 79.799 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

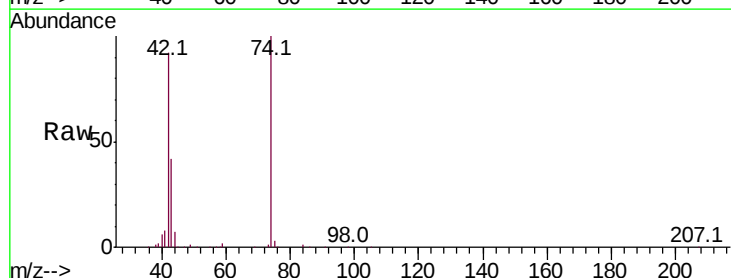
Tgt Ion: 42 Resp: 591857

Ion Ratio Lower Upper

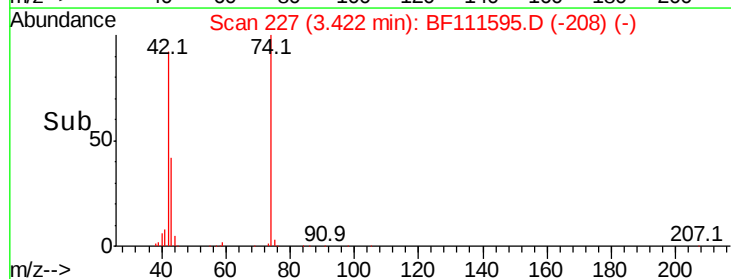
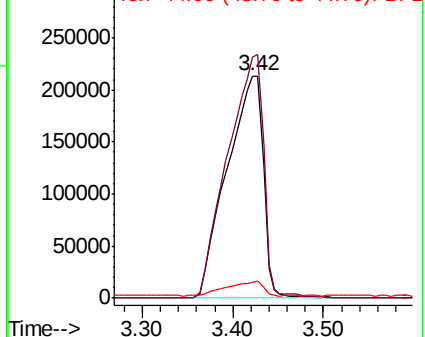
42 100

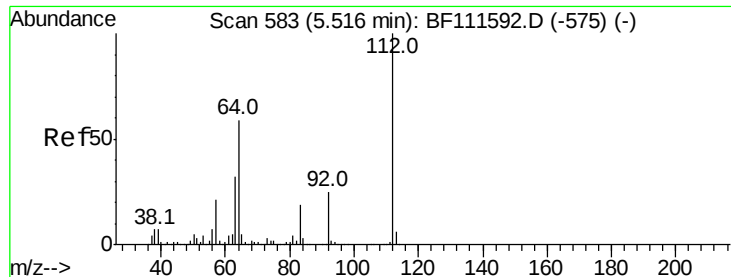
74 108.1 101.5 152.3

44 7.2 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 136.451 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

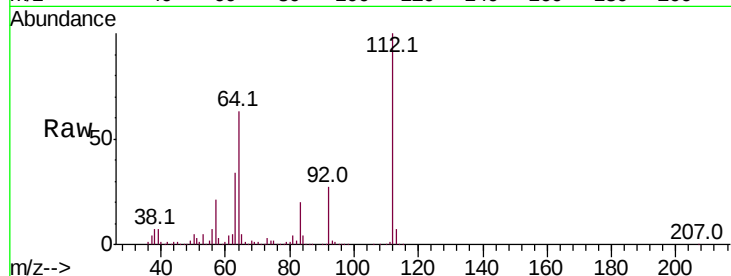
Tot Ion:112 Resp: 1836789

Ion Ratio Lower Upper

112 100

64 62.7 51.8 77.6

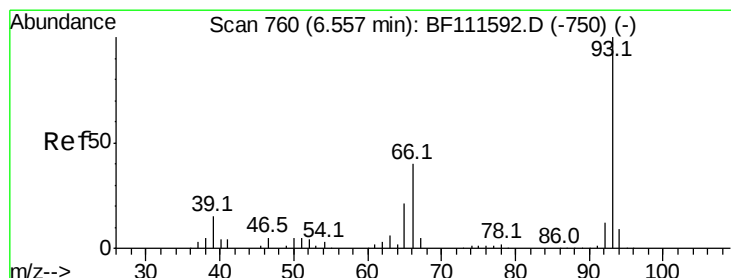
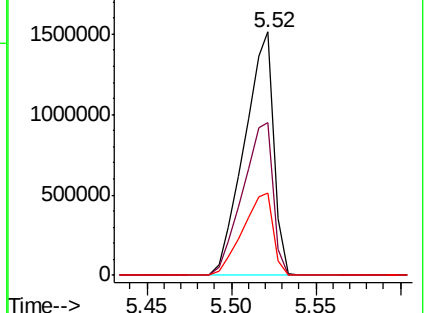
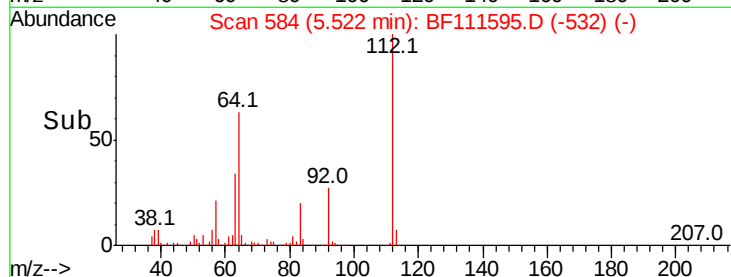
63 33.8 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 69.461 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

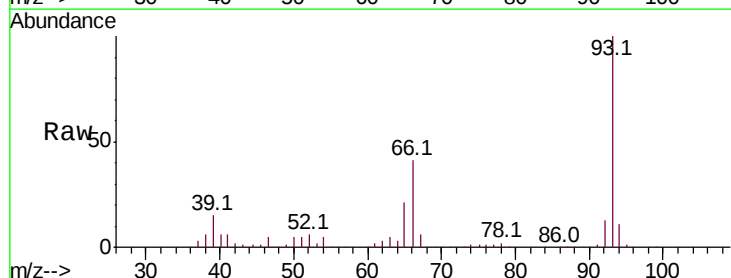
Tgt Ion: 93 Resp: 1542781

Ion Ratio Lower Upper

93 100

66 41.5 33.2 49.8

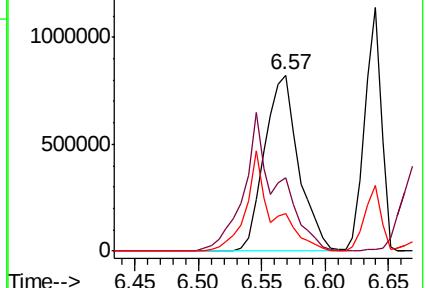
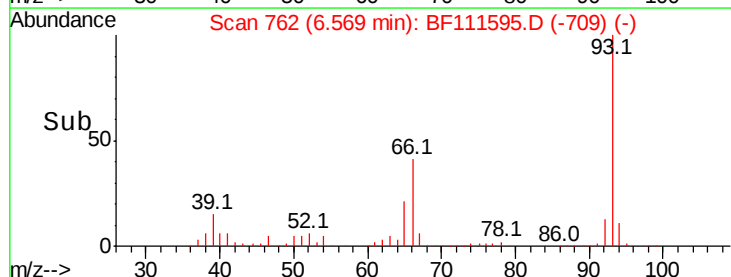
65 21.3 17.0 25.4

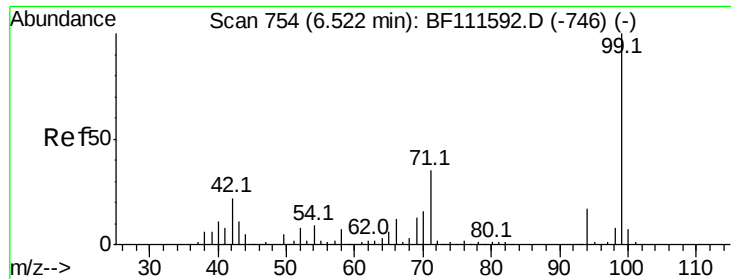


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.656 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

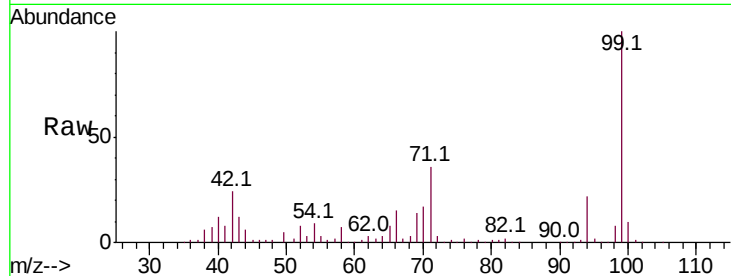
Tot Ion: 99 Resp: 2321568

Ion Ratio Lower Upper

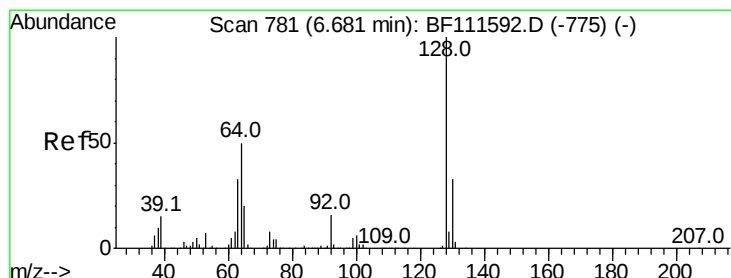
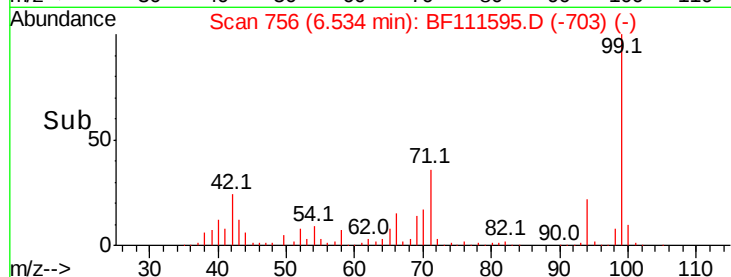
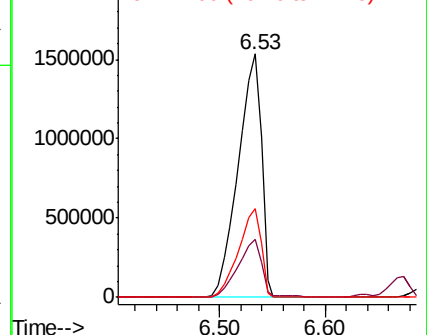
99 100

42 23.8 17.4 26.0

71 36.2 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 63.435 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

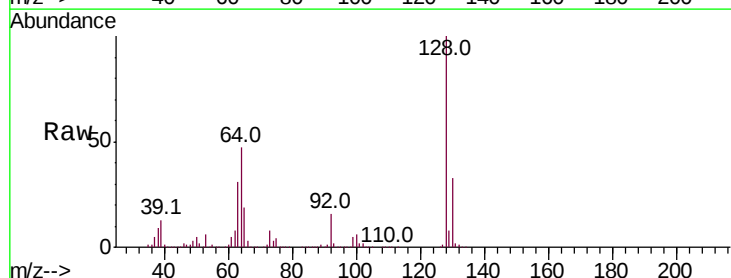
Tgt Ion:128 Resp: 1020292

Ion Ratio Lower Upper

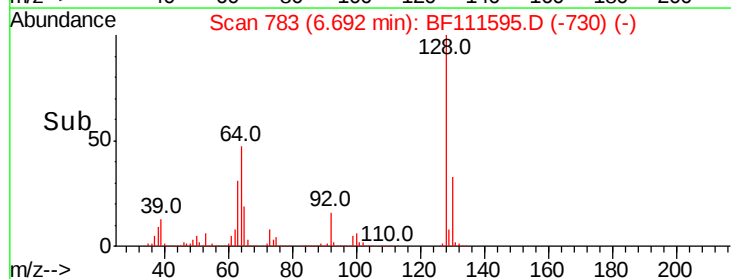
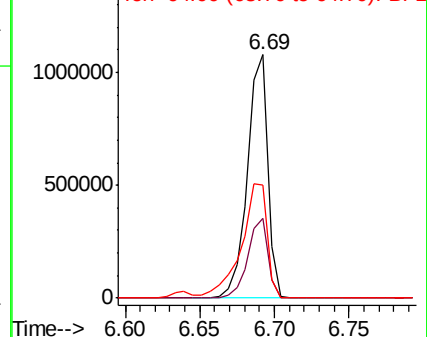
128 100

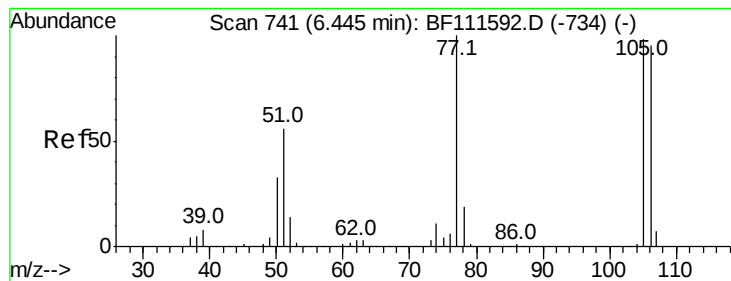
130 32.9 12.7 52.7

64 46.5 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 71.453 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

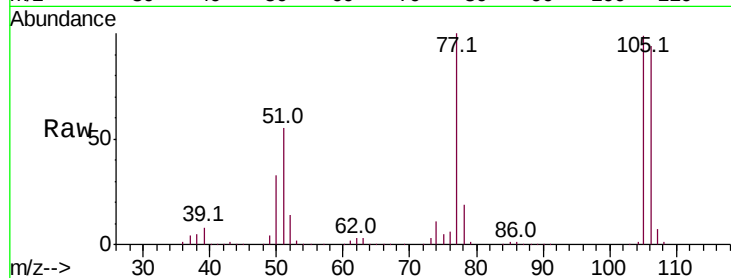
Tot Ion: 77 Resp: 776016

Ion Ratio Lower Upper

77 100

105 98.8 81.4 121.4

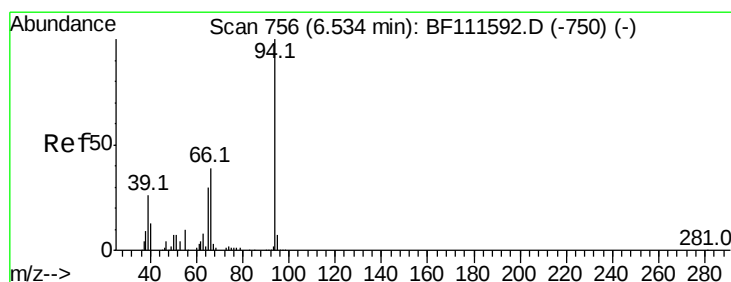
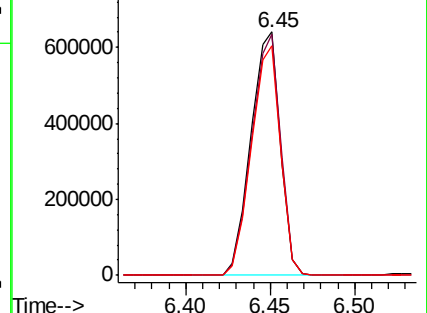
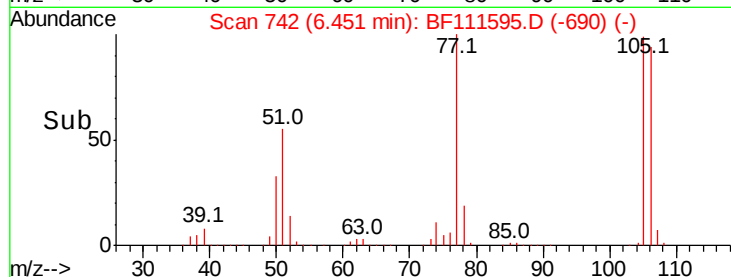
106 94.4 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 66.529 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

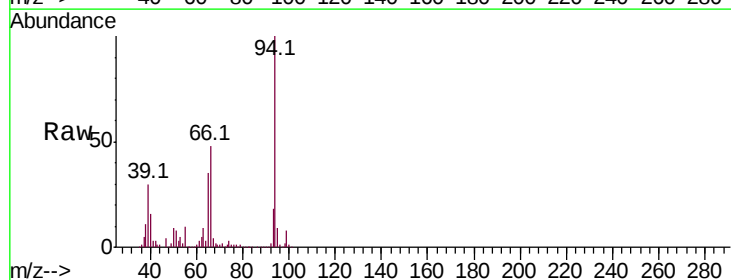
Tgt Ion: 94 Resp: 1327014

Ion Ratio Lower Upper

94 100

65 34.5 11.7 51.7

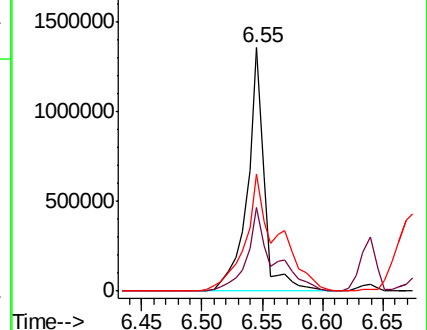
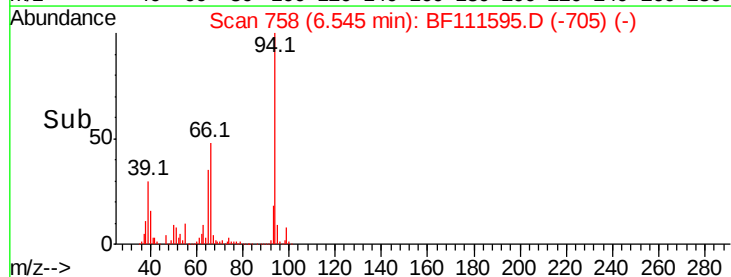
66 47.9 21.0 61.0

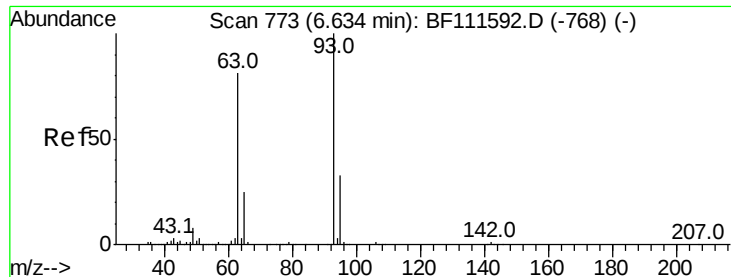


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



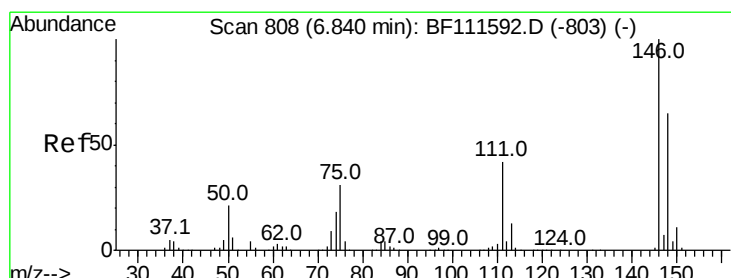
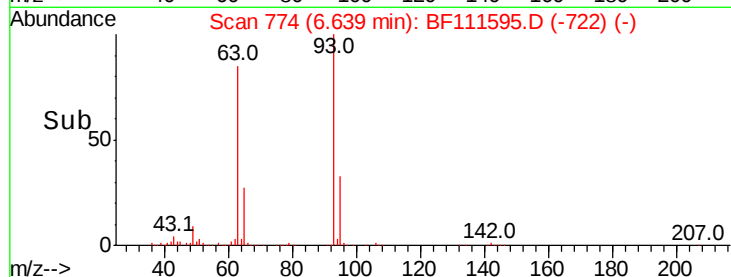
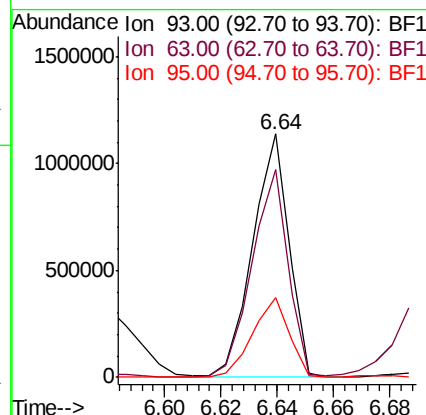
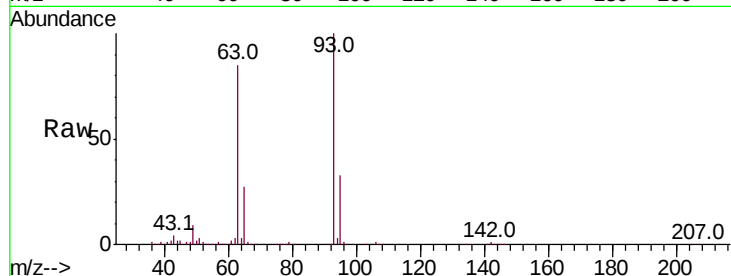


#11  
bis(2-Chloroethyl)ether  
Concen: 64.445 ng  
RT: 6.64 min Scan# 774  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tot Ion: 93 Resp: 1007686

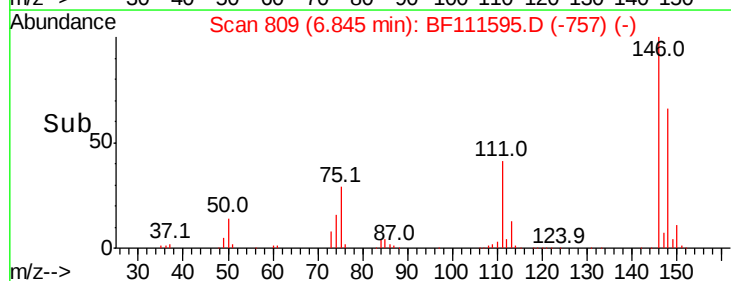
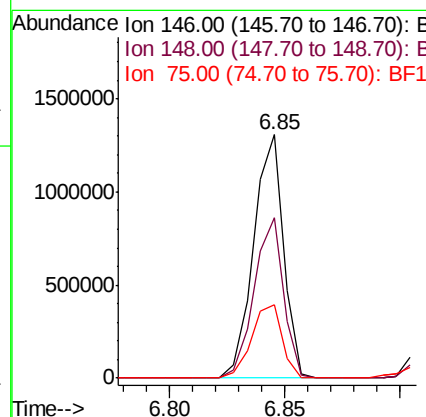
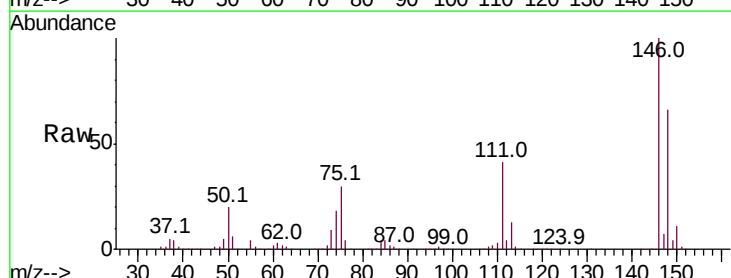
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 85.5  | 60.0  | 100.0 |
| 95  | 32.8  | 13.4  | 53.4  |

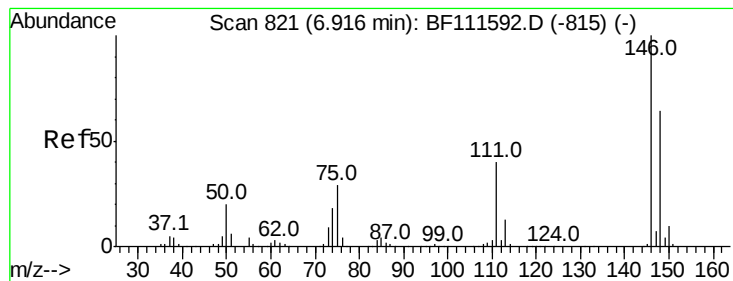


#12  
1,3-Dichlorobenzene  
Concen: 66.996 ng  
RT: 6.85 min Scan# 809  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Tgt Ion: 146 Resp: 1186171

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 65.8  | 52.1  | 78.1  |
| 75  | 30.1  | 23.9  | 35.9  |





#13

1,4-Dichlorobenzene

Concen: 66.291 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

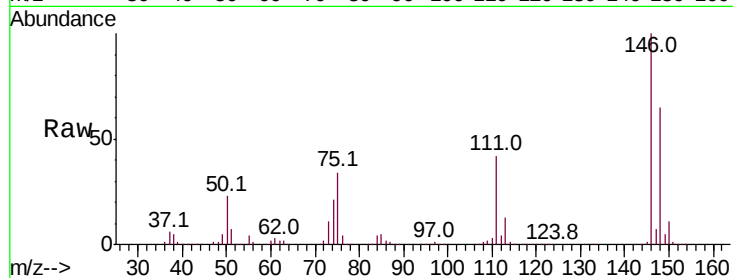
Tot Ion:146 Resp: 1191310

Ion Ratio Lower Upper

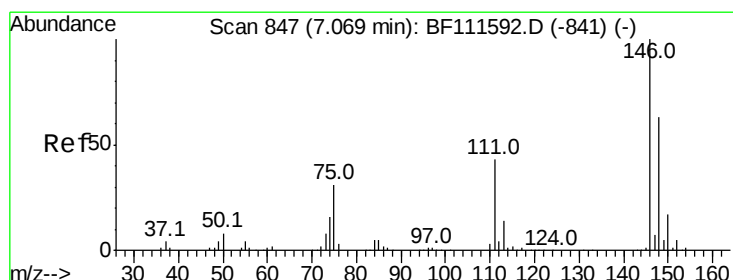
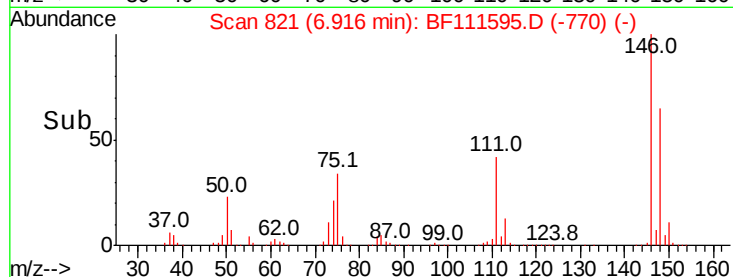
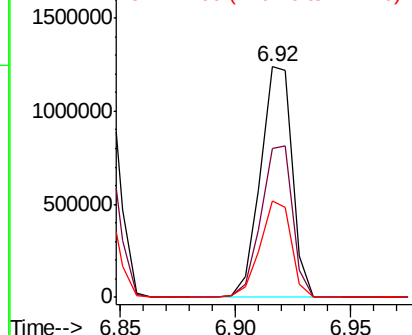
146 100

148 64.8 52.8 79.2

111 42.1 33.4 50.0



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



#14

1,2-Dichlorobenzene

Concen: 64.597 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

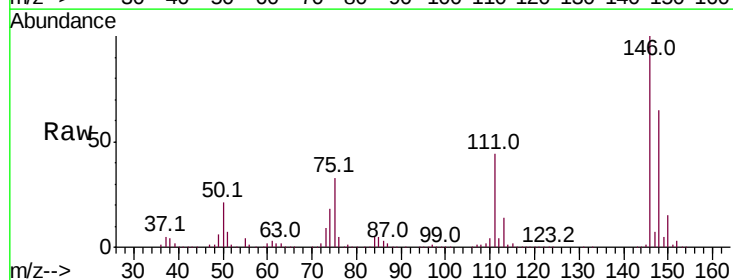
Tgt Ion:146 Resp: 1092106

Ion Ratio Lower Upper

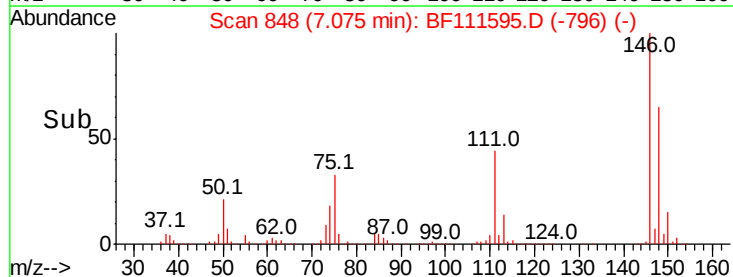
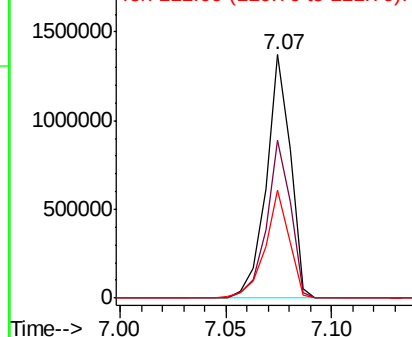
146 100

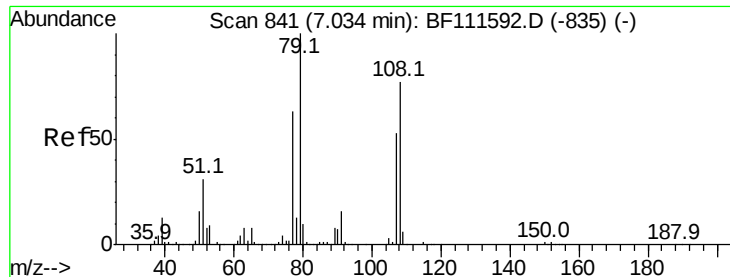
148 64.8 51.9 77.9

111 44.1 36.2 54.4



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





#15

Benzyl Alcohol

Concen: 69.866 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

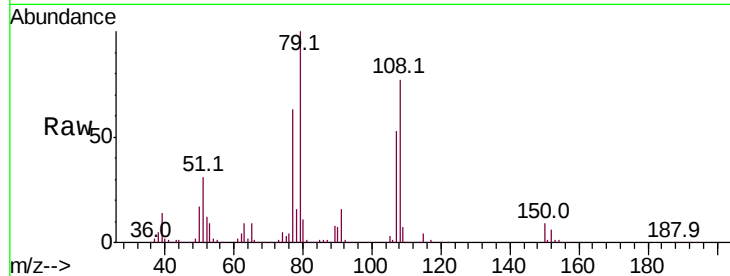
Tot Ion: 79 Resp: 951881

Ion Ratio Lower Upper

79 100

108 76.5 69.4 104.2

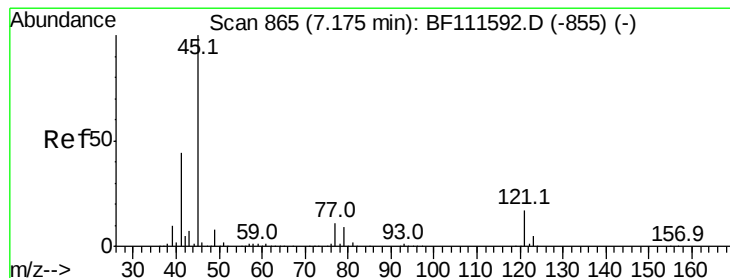
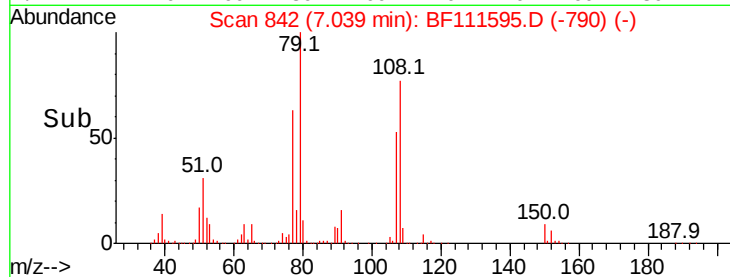
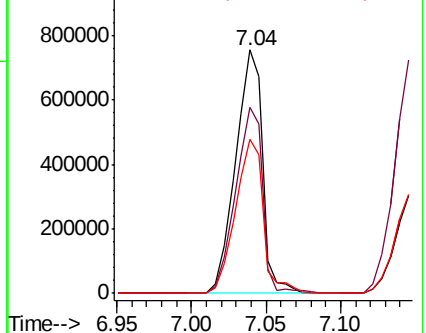
77 63.1 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 59.410 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

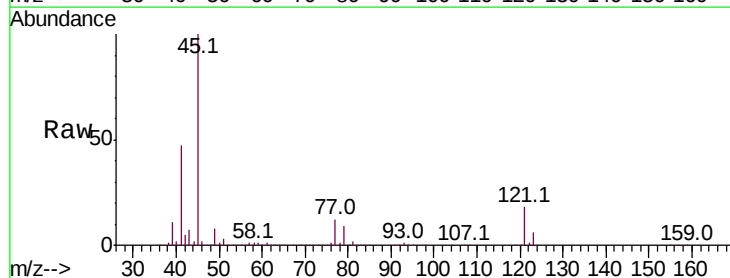
Tgt Ion: 45 Resp: 1813790

Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.5

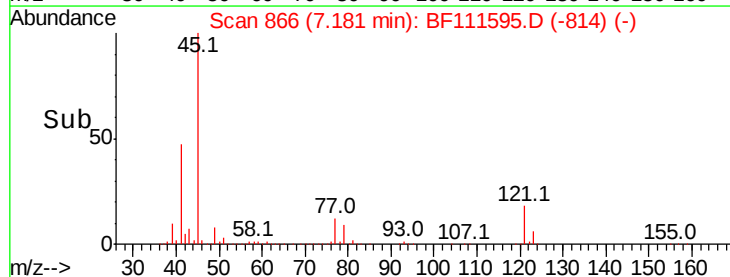
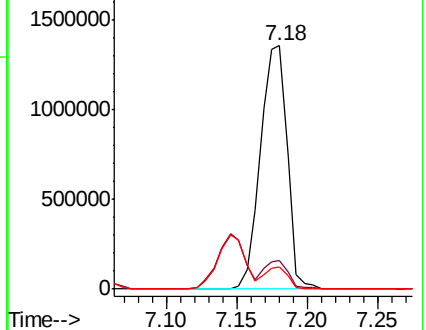
79 9.3 0.0 28.9

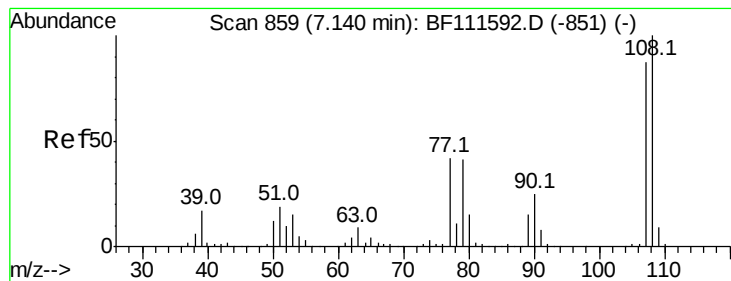


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

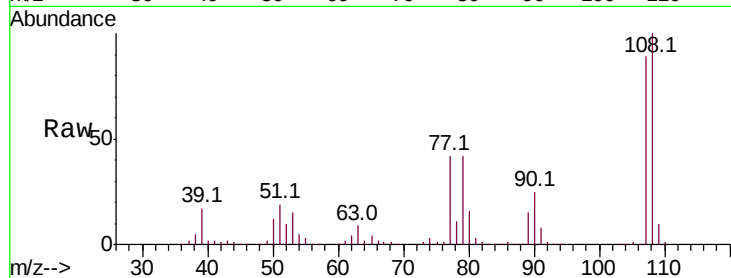




#17  
2-Methylphenol  
Concen: 64.989 ng  
RT: 7.15 min Scan# 860  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.9 | 91.0  | 136.4 |
| 77      | 47.7  | 33.5  | 50.3  |
| 79      | 47.1  | 33.3  | 49.9  |



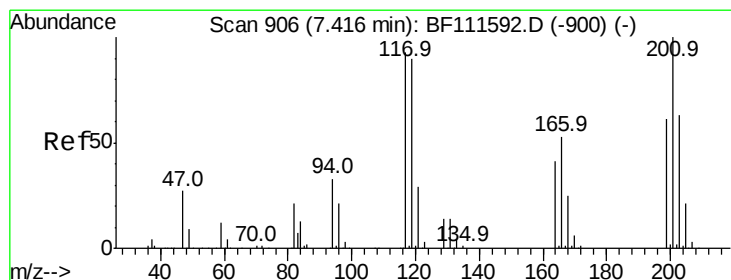
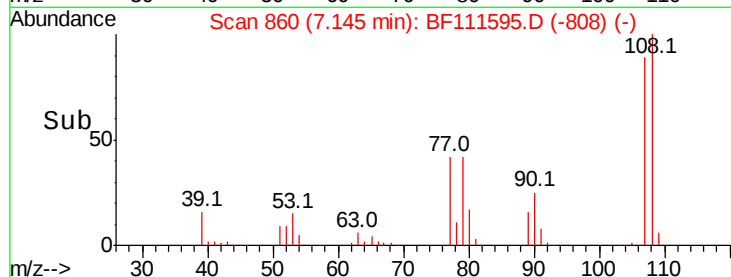
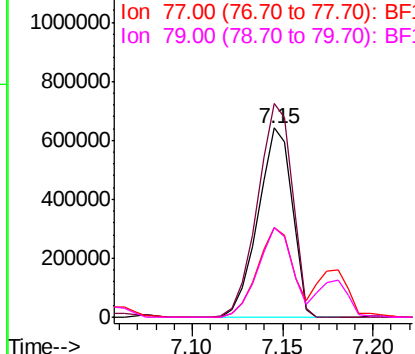
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

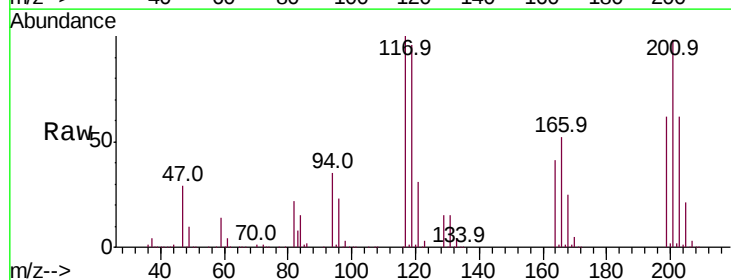
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 63.357 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.00 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.7  | 75.4  | 113.0 |
| 201     | 98.1  | 62.4  | 93.6  |

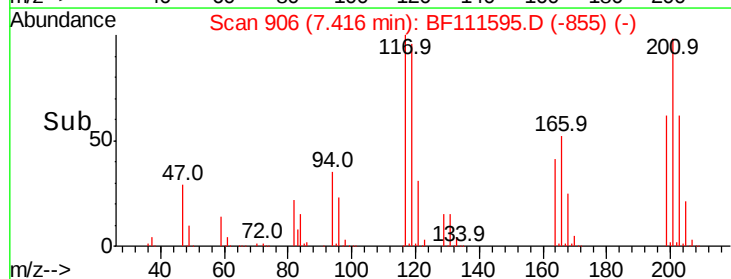
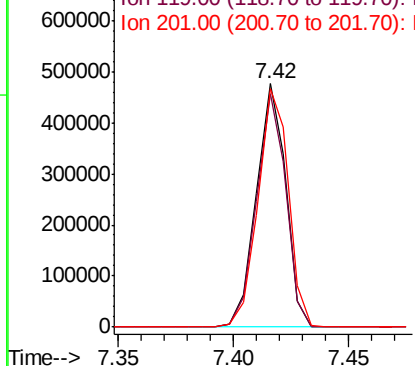


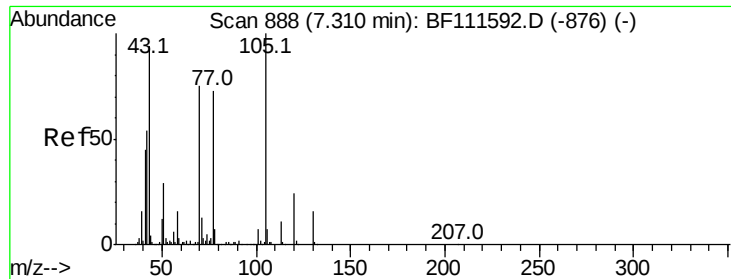
Abundance

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

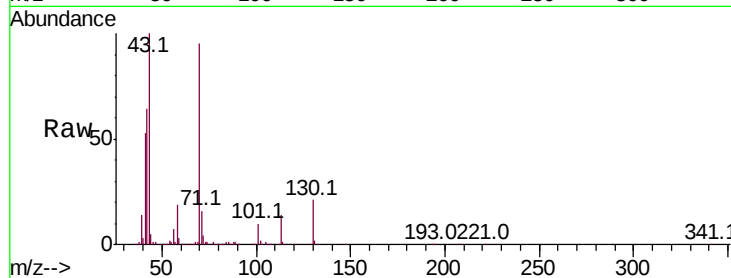




#19  
n-Nitroso-di-n-propylamine  
Concen: 66.262 ng  
RT: 7.33 min Scan# 891  
Delta R.T. 0.02 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 782768 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 67.4  | 53.2  | 79.8   |
| 101      | 10.1  | 8.2   | 12.4   |
| 130      | 22.4  | 18.1  | 27.1   |



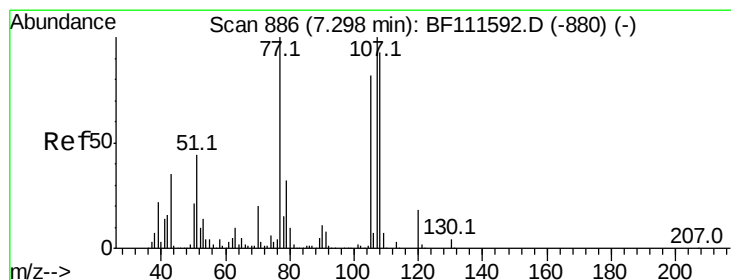
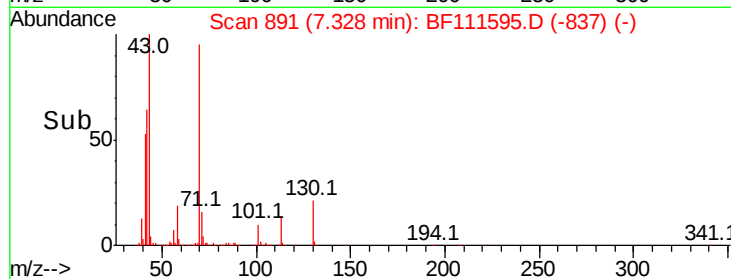
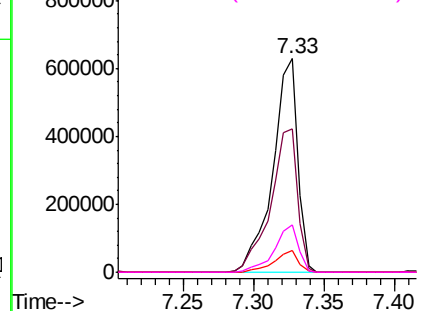
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

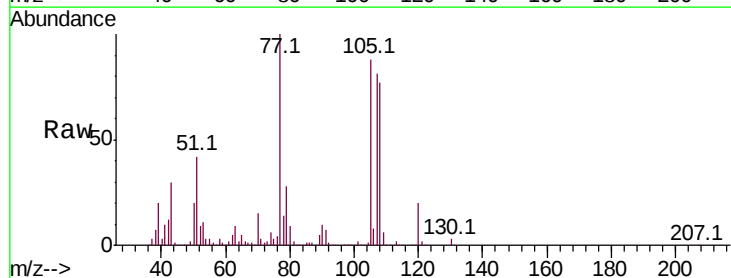
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20  
3+4-Methylphenols  
Concen: 60.941 ng  
RT: 7.31 min Scan# 888  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 989499 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 95.1  | 72.1  | 112.1  |
| 77       | 123.3 | 94.1  | 134.1  |
| 79       | 34.5  | 9.8   | 49.8   |



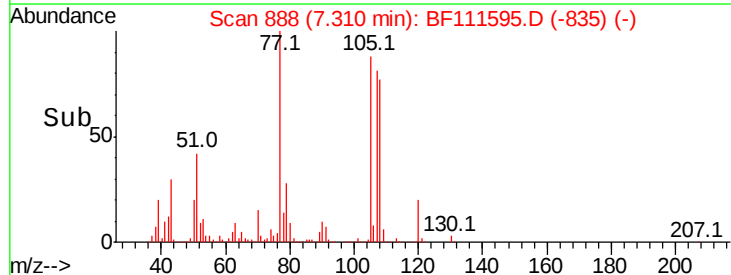
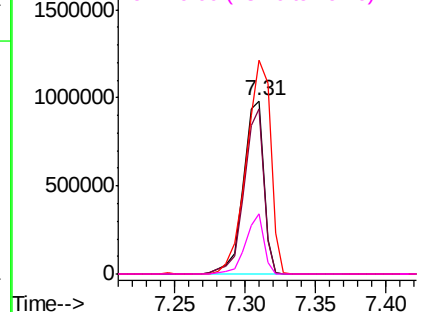
Abundance

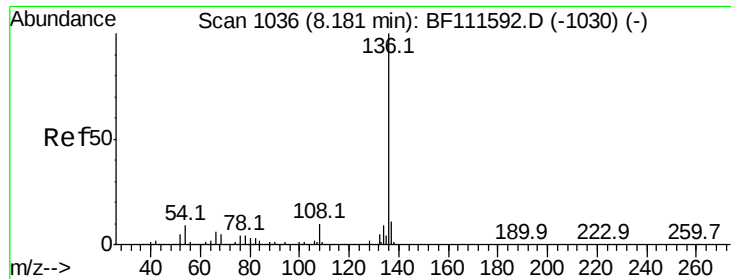
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

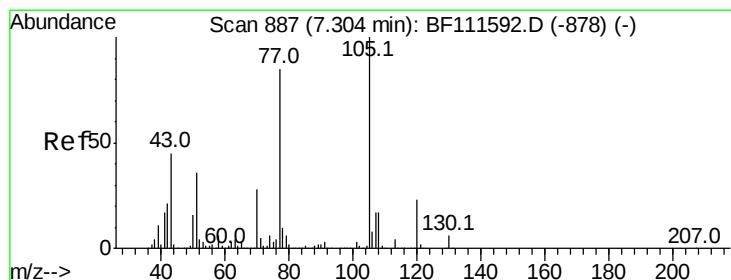
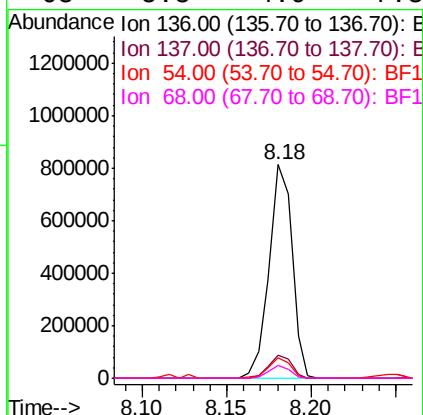
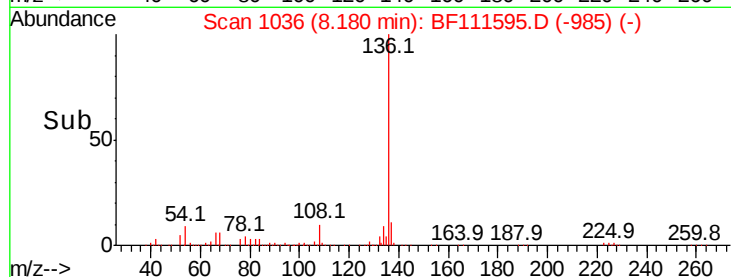
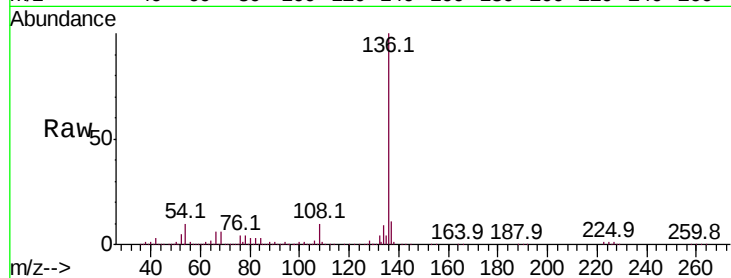




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

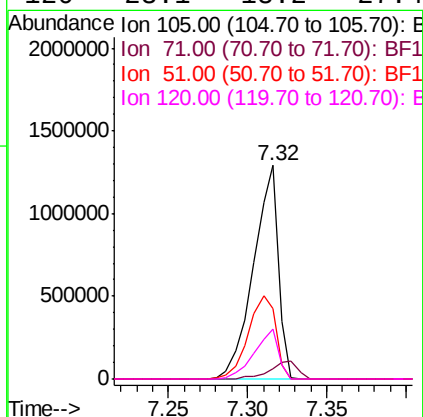
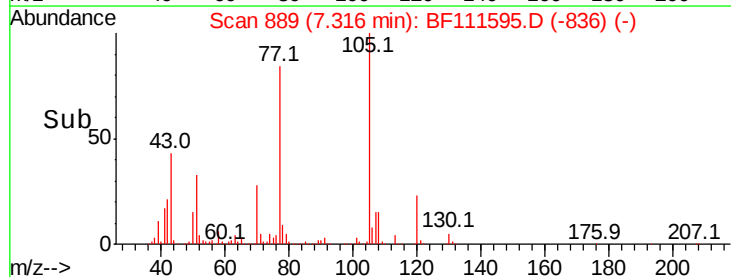
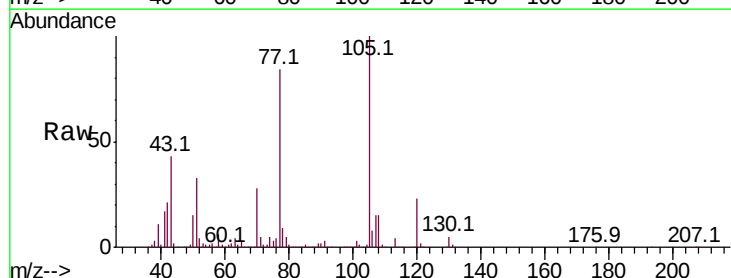
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

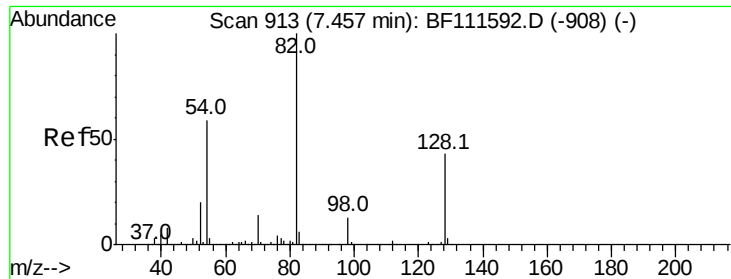
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 771338 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.0    | 9.1   | 13.7   |
| 54 9.5      | 7.7   | 11.5   |
| 68 5.8      | 4.9   | 7.3    |



#22  
Acetophenone  
Concen: 82.258 ng  
RT: 7.32 min Scan# 889  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 1416384 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 4.9     | 3.1   | 4.7#    |
| 51  | 33.2    | 36.6  | 54.8#   |
| 120 | 23.1    | 18.2  | 27.4    |

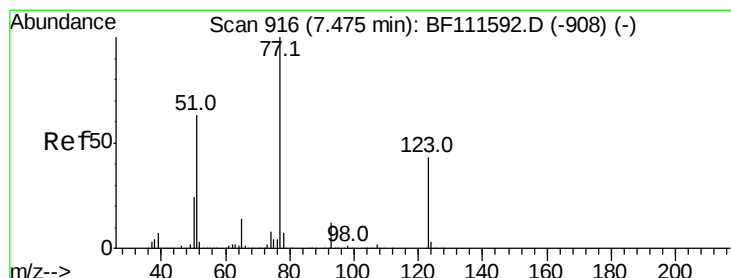
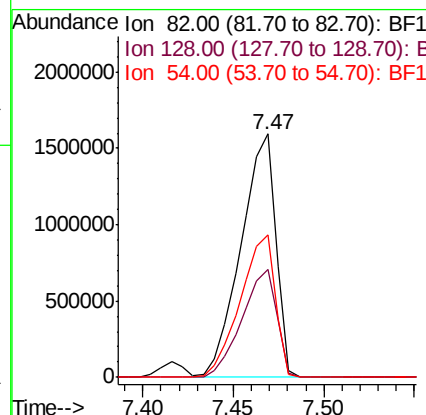
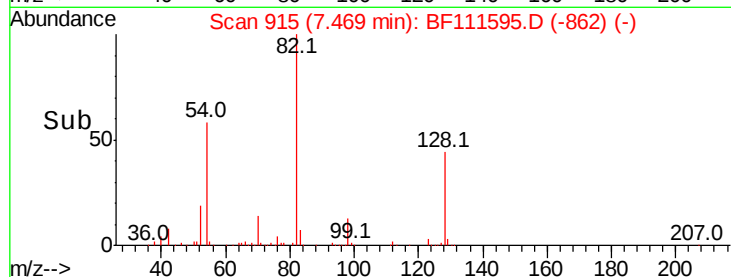
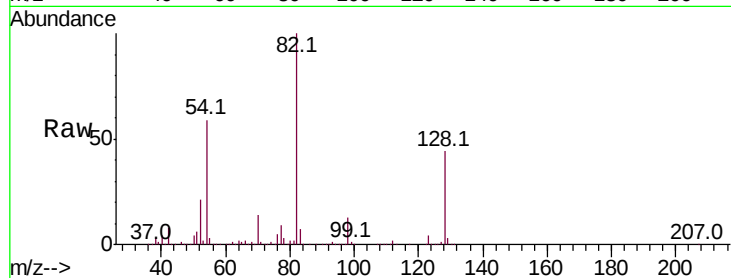




#23  
Nitrobenzene-d5  
Concen: 164.628 ng  
RT: 7.47 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

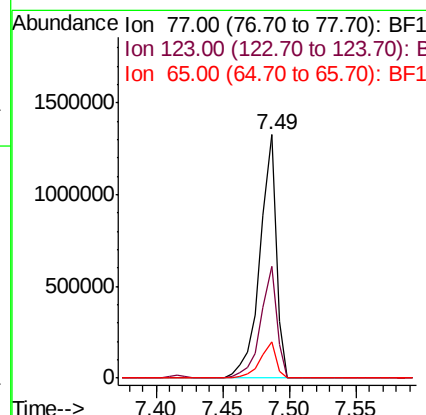
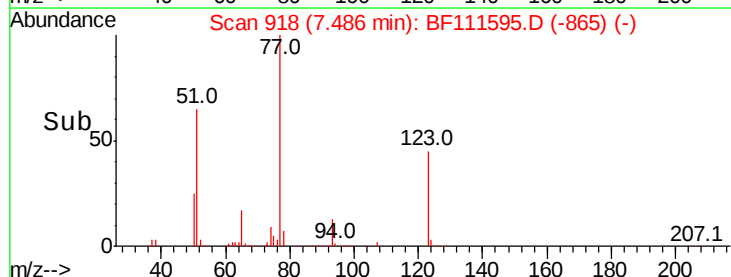
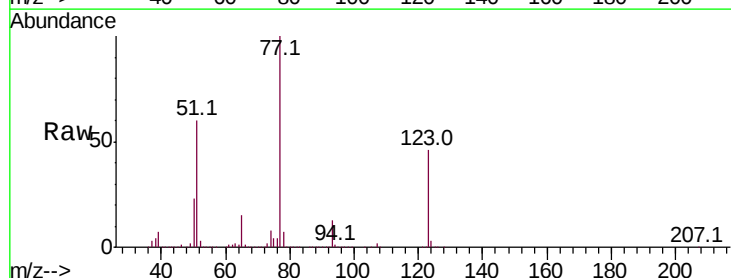
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

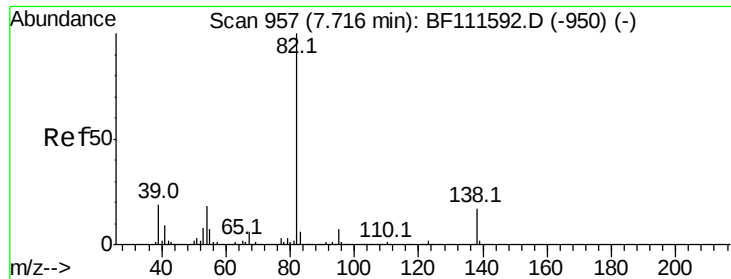
Tot Ion: 82 Resp: 2132436  
Ion Ratio Lower Upper  
82 100  
128 44.4 37.4 56.2  
54 58.7 47.6 71.4



#24  
Nitrobenzene  
Concen: 83.357 ng  
RT: 7.49 min Scan# 918  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Tgt Ion: 77 Resp: 1101442  
Ion Ratio Lower Upper  
77 100  
123 45.7 37.2 55.8  
65 14.7 11.5 17.3





#25

Isophorone

Concen: 82.911 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

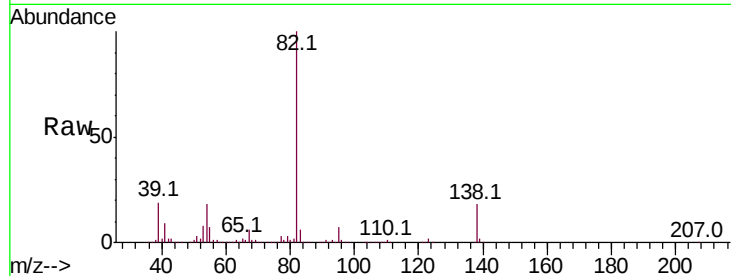
Tot Ion: 82 Resp: 1817139

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

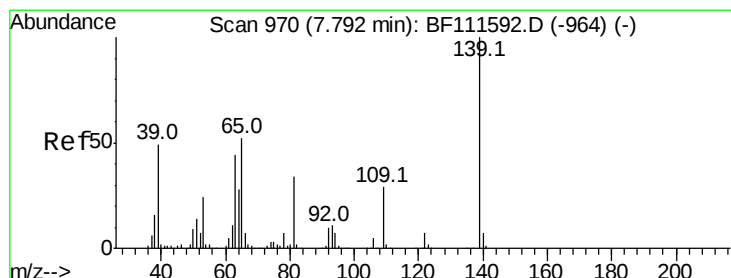
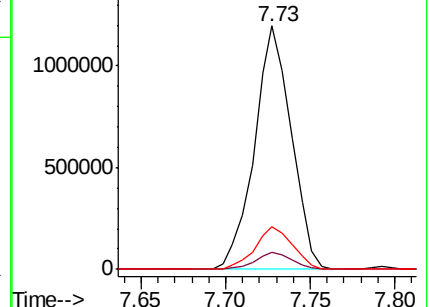
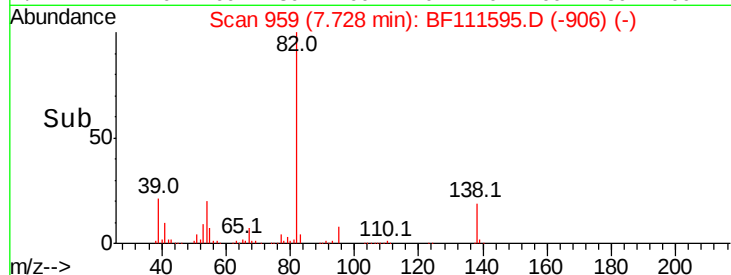
138 17.8 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 72.796 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

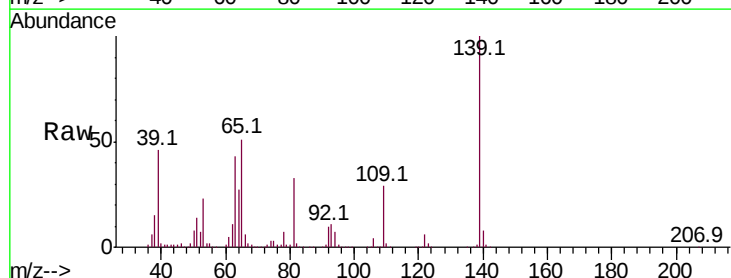
Tgt Ion: 139 Resp: 498838

Ion Ratio Lower Upper

139 100

109 29.0 20.2 30.4

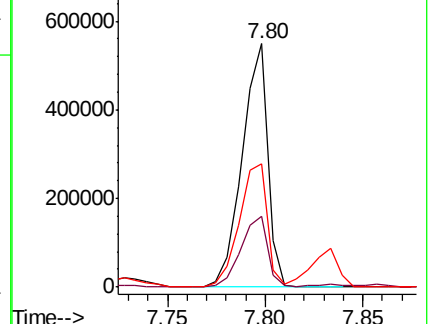
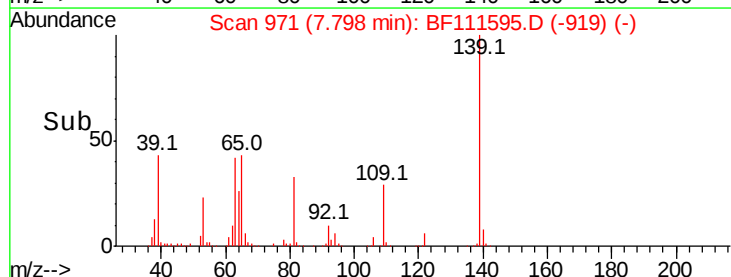
65 50.6 40.7 61.1

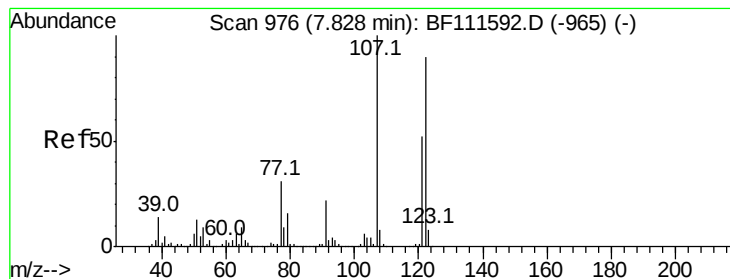


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 85.199 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

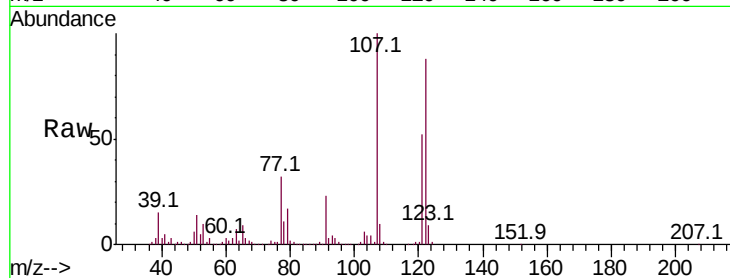
Tot Ion:122 Resp: 846389

Ion Ratio Lower Upper

122 100

107 113.0 85.5 128.3

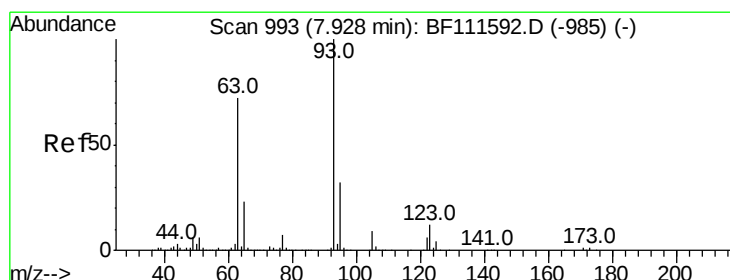
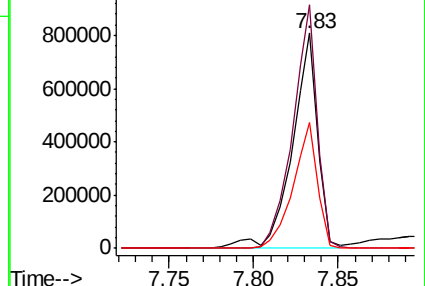
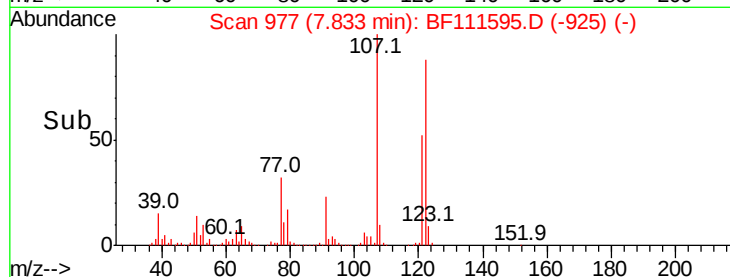
121 58.5 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 76.691 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

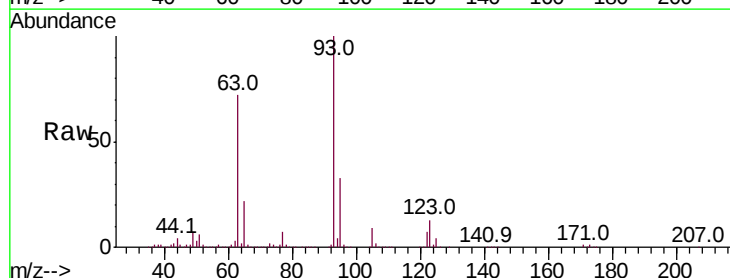
Tgt Ion: 93 Resp: 1160352

Ion Ratio Lower Upper

93 100

95 33.5 27.1 40.7

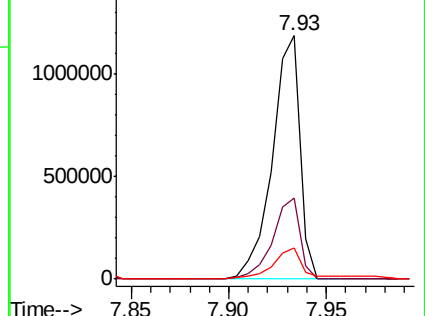
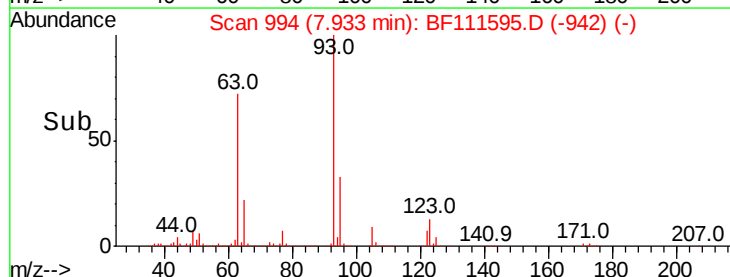
123 12.9 9.9 14.9

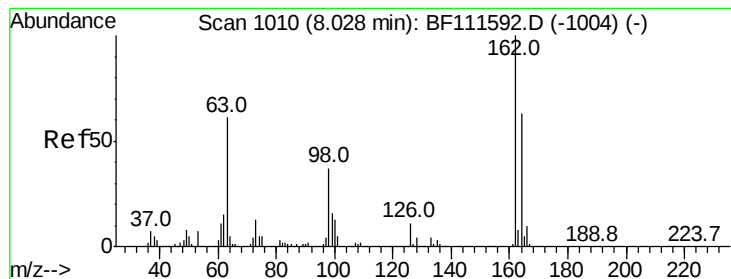


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 84.698 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

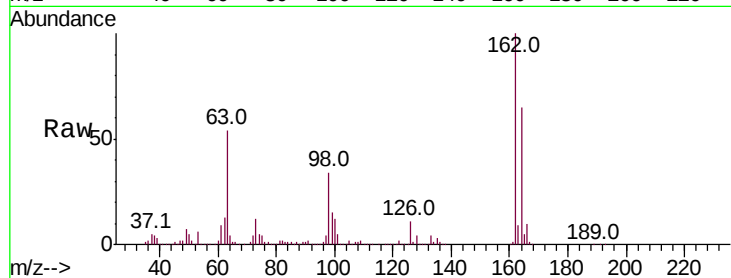
Tot Ion:162 Resp: 898212

Ion Ratio Lower Upper

162 100

164 64.8 44.4 84.4

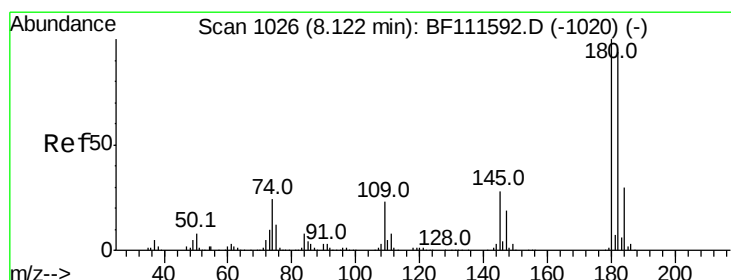
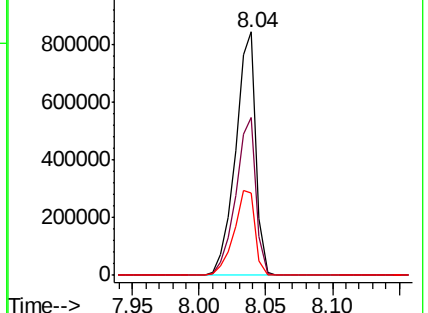
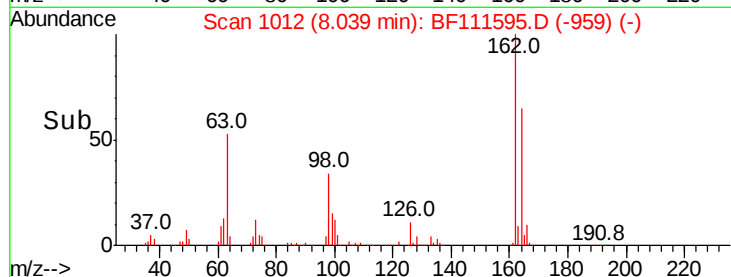
98 33.8 20.3 60.3



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: 89.273 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

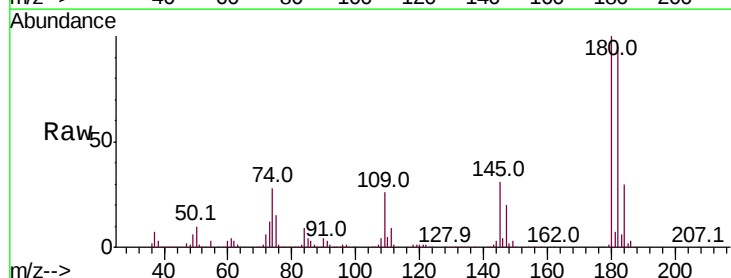
Tgt Ion:180 Resp: 991079

Ion Ratio Lower Upper

180 100

182 95.2 75.6 113.4

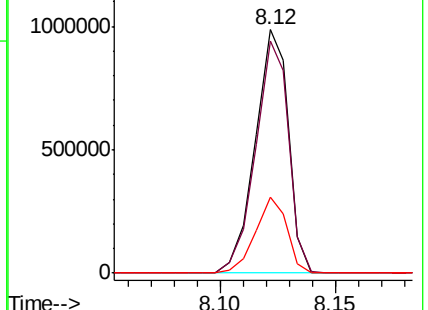
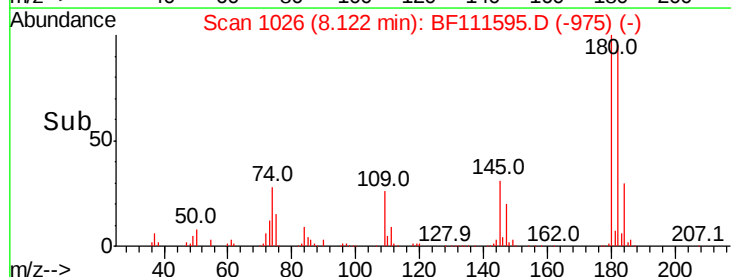
145 31.0 26.7 40.1

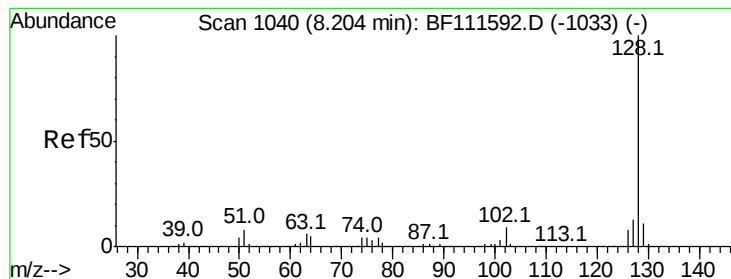


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 73.707 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

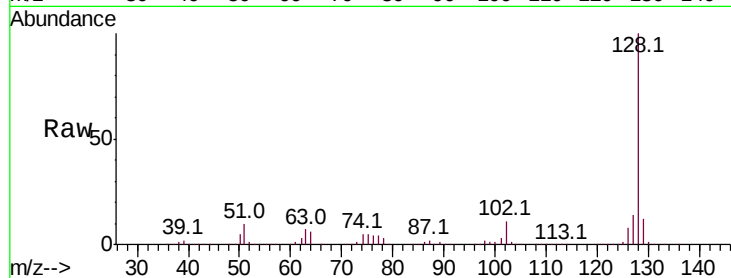
Tot Ion:128 Resp: 2659149

Ion Ratio Lower Upper

128 100

129 12.1 9.8 14.8

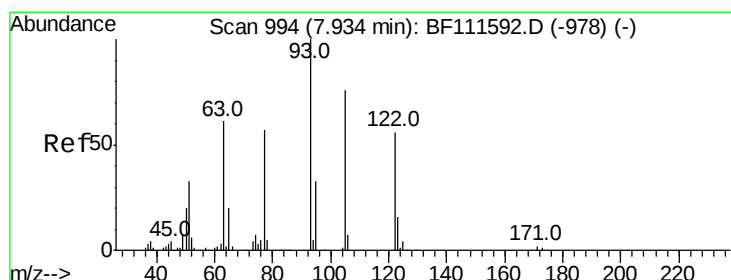
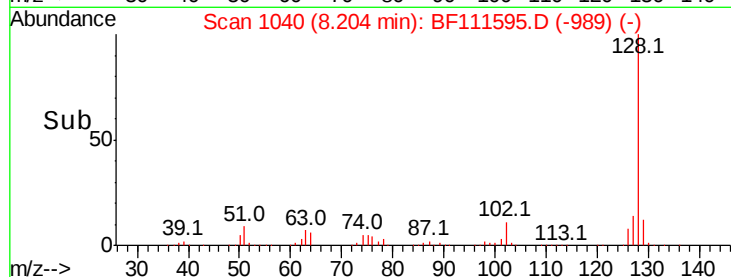
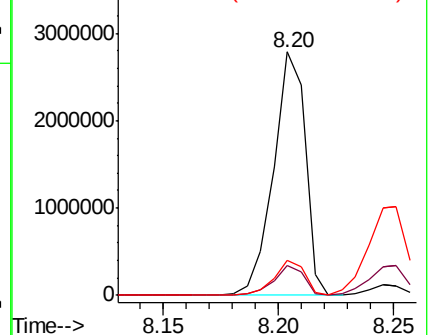
127 14.3 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 68.339 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.04 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

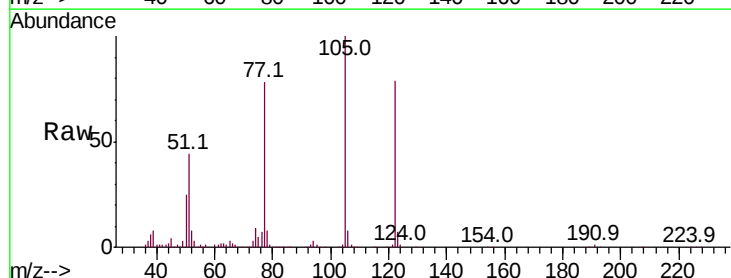
Tgt Ion:122 Resp: 586665

Ion Ratio Lower Upper

122 100

105 126.6 97.0 137.0

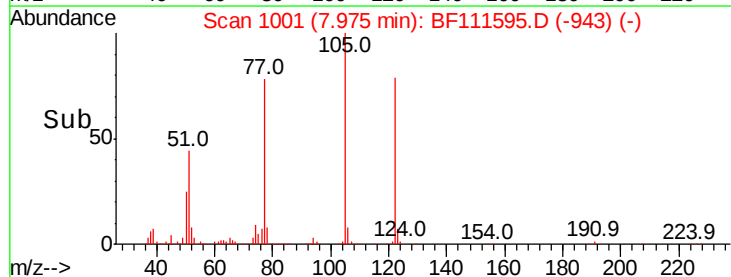
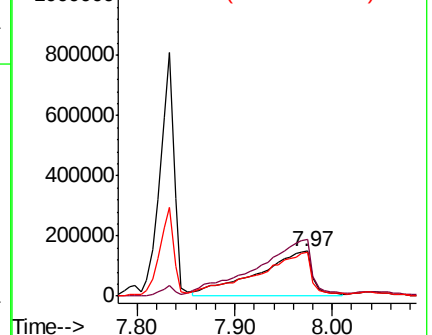
77 98.4 65.7 105.7

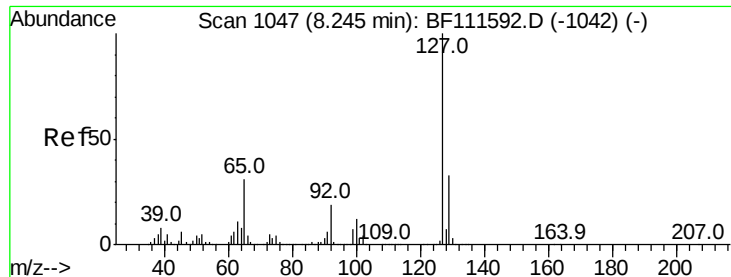


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

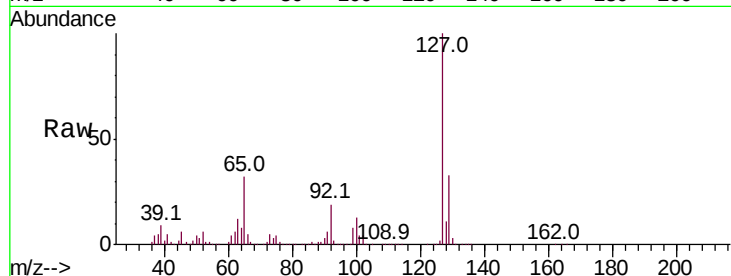




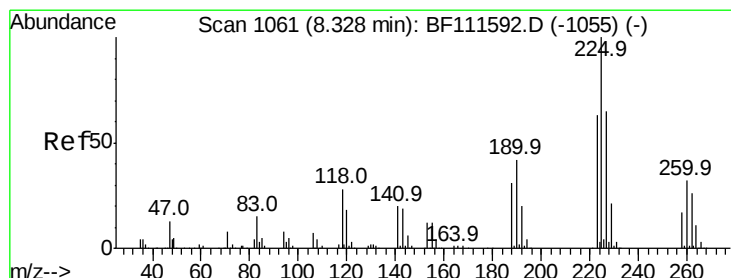
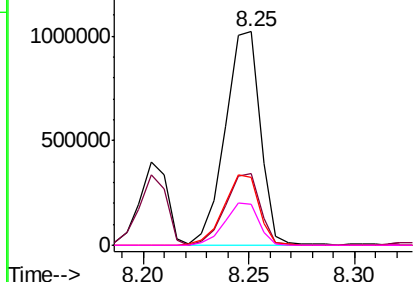
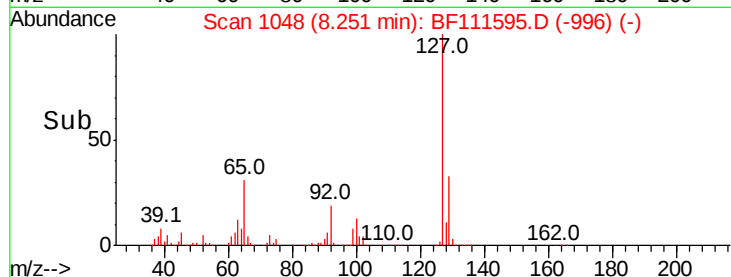
#33  
4-Chloroaniline  
Concen: 72.872 ng  
RT: 8.25 min Scan# 1048  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:127 Resp: 1169056  
Ion Ratio Lower Upper  
127 100  
129 33.3 26.6 39.8  
65 31.9 25.7 38.5  
92 18.9 15.4 23.2

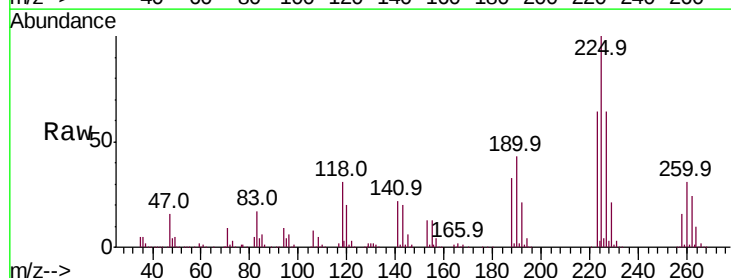


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

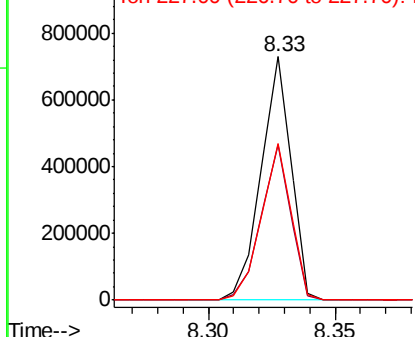
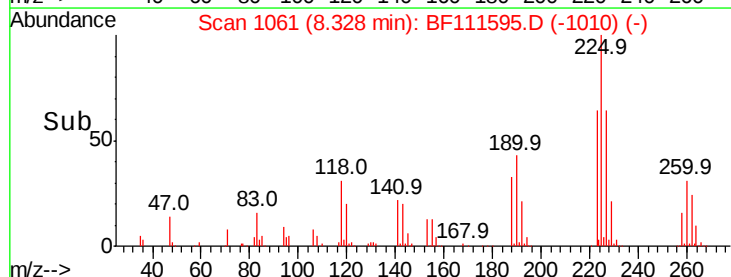


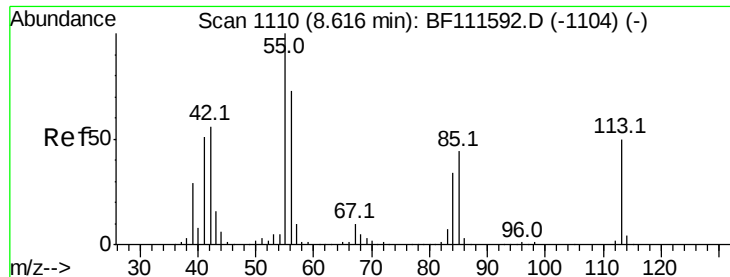
#34  
Hexachlorobutadiene  
Concen: 99.438 ng  
RT: 8.33 min Scan# 1061  
Delta R.T. -0.00 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Tgt Ion:225 Resp: 608192  
Ion Ratio Lower Upper  
225 100  
223 64.0 50.7 76.1  
227 64.2 52.6 78.8



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

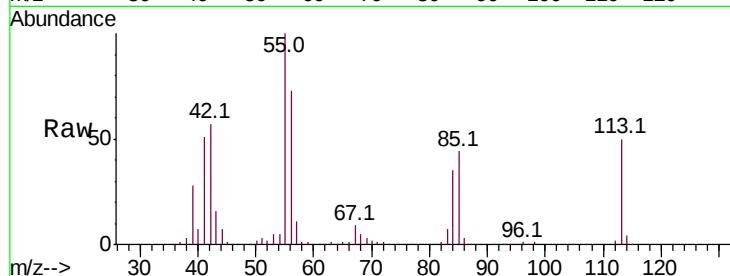




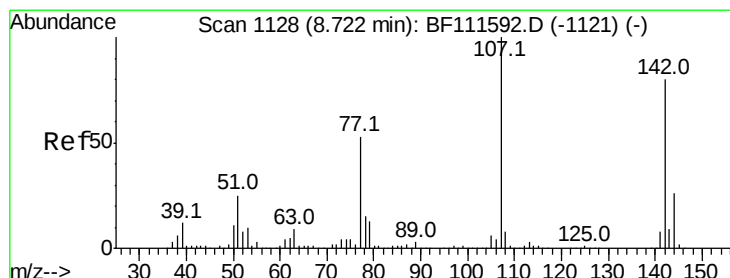
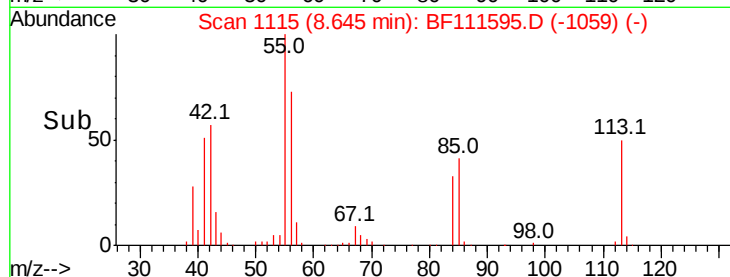
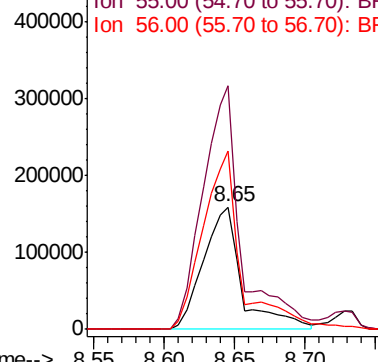
#35  
Caprolactam  
Concen: 76.888 ng  
RT: 8.65 min Scan# 1115  
Delta R.T. 0.03 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:113 Resp: 302737  
Ion Ratio Lower Upper  
113 100  
55 199.0 184.1 224.1  
56 145.4 126.0 166.0

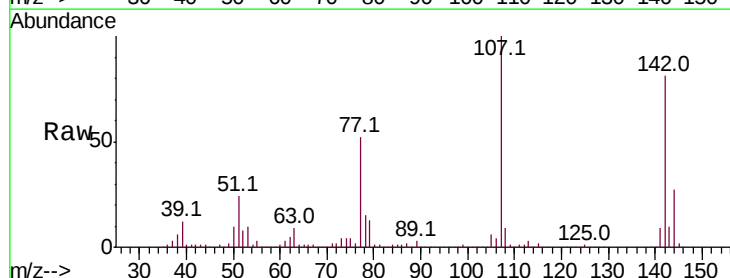


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

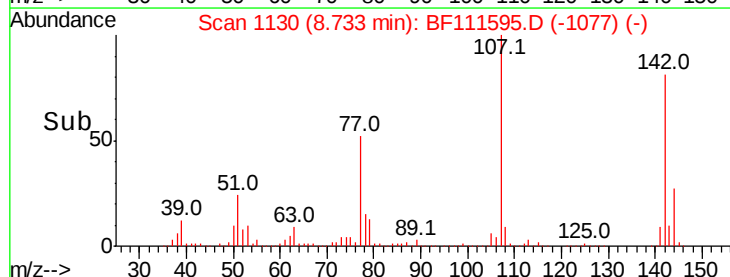
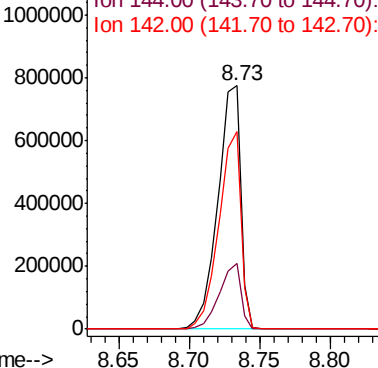


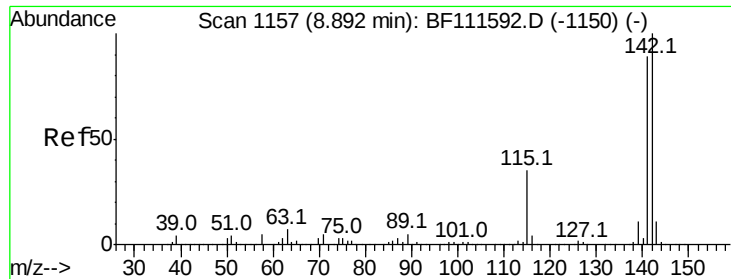
#36  
4-Chloro-3-methylphenol  
Concen: 75.795 ng  
RT: 8.73 min Scan# 1130  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Tgt Ion:107 Resp: 884759  
Ion Ratio Lower Upper  
107 100  
144 26.9 19.8 29.6  
142 81.2 62.3 93.5



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

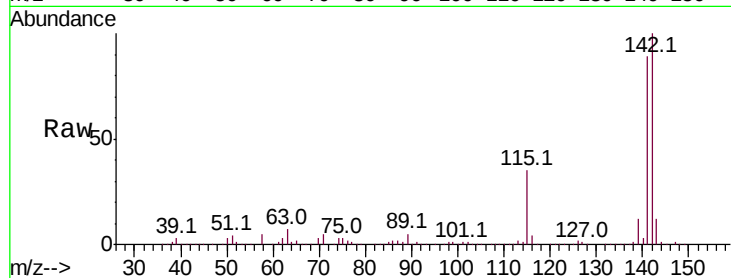




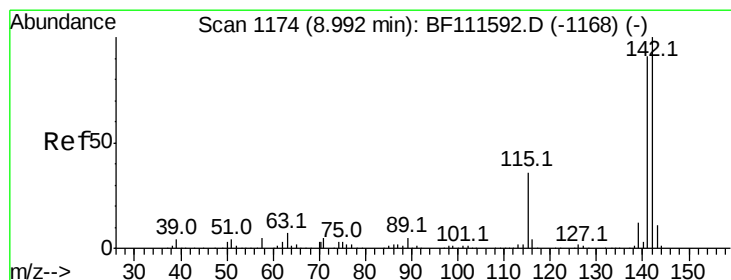
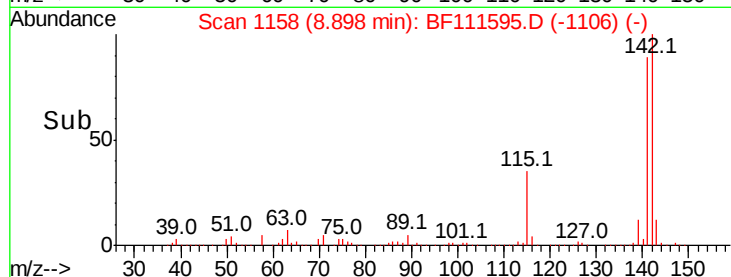
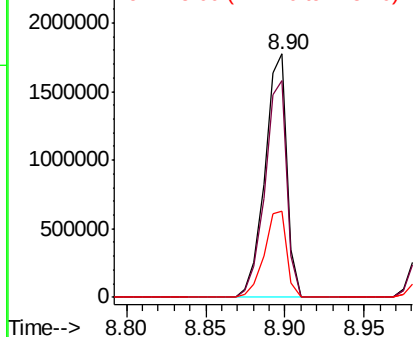
#37  
2-Methylnaphthalene  
Concen: 71.003 ng  
RT: 8.90 min Scan# 1158  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tot Ion:142 Resp: 1733360  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.6 105.8  
115 35.2 27.0 40.6

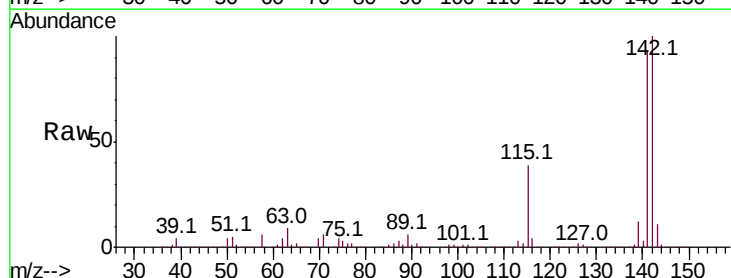


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

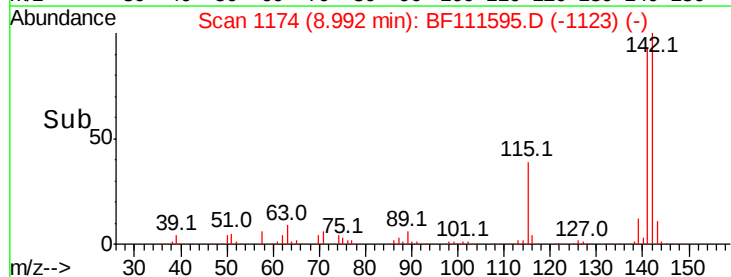
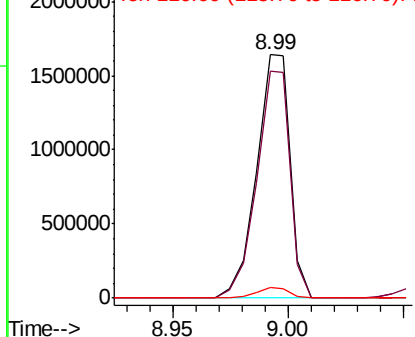


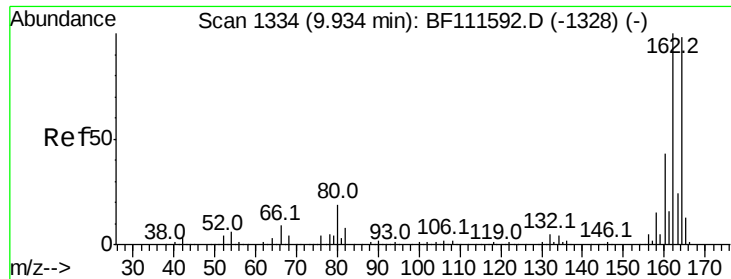
#38  
1-Methylnaphthalene  
Concen: 70.255 ng  
RT: 8.99 min Scan# 1174  
Delta R.T. -0.00 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Tgt Ion:142 Resp: 1656932  
Ion Ratio Lower Upper  
142 100  
141 93.0 74.2 111.4  
116 4.2 2.9 4.3



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

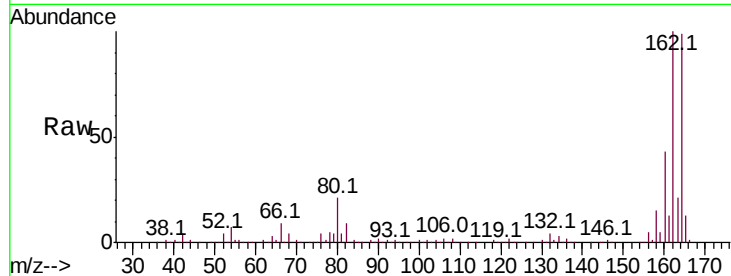




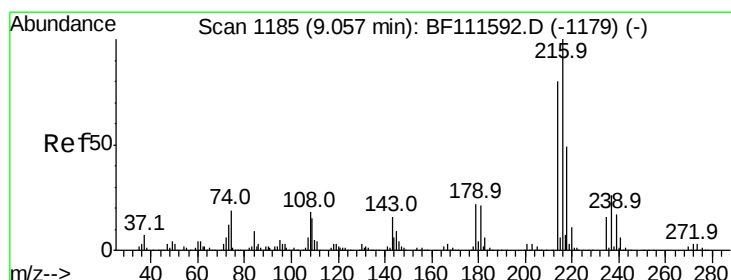
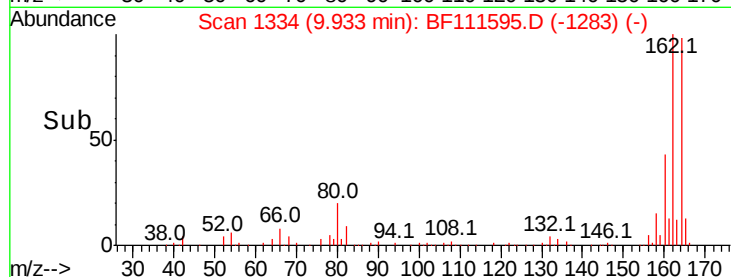
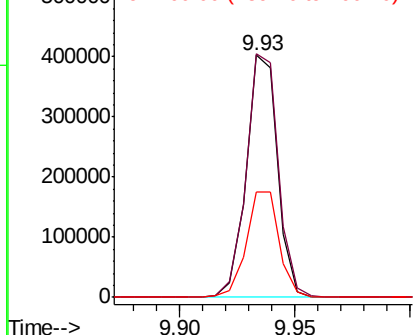
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:164 Resp: 382499  
Ion Ratio Lower Upper  
164 100  
162 100.7 81.4 122.0  
160 43.8 35.7 53.5

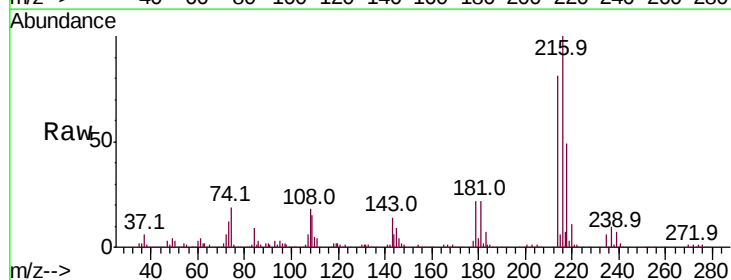


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

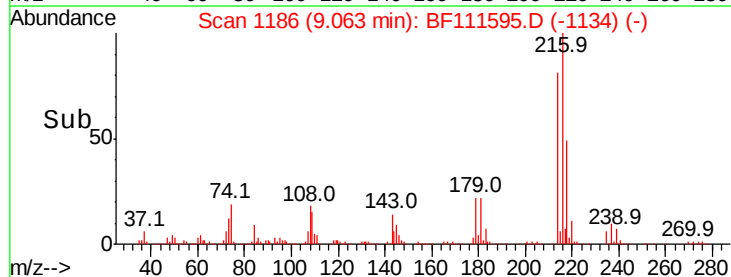
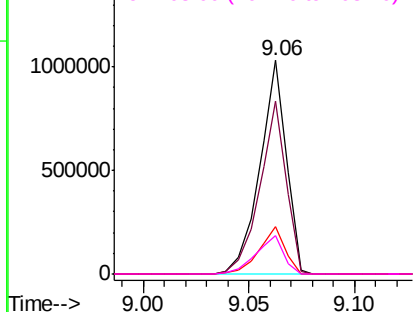


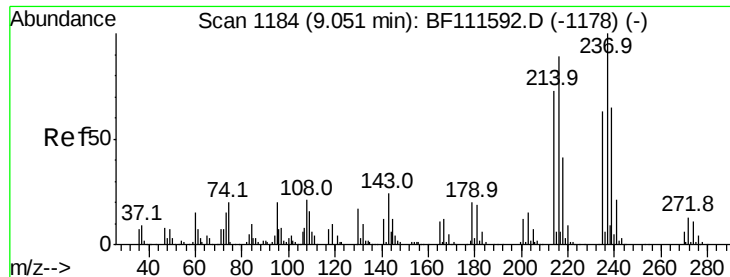
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 85.700 ng  
RT: 9.06 min Scan# 1186  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Tgt Ion:216 Resp: 898965  
Ion Ratio Lower Upper  
216 100  
214 80.3 63.8 95.8  
179 21.9 17.9 26.9  
108 18.7 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: 90.674 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

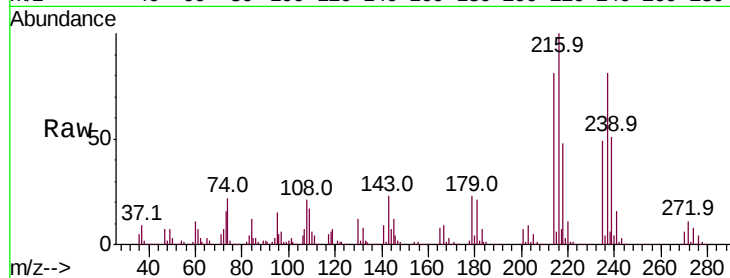
Tot Ion:237 Resp: 488333

Ion Ratio Lower Upper

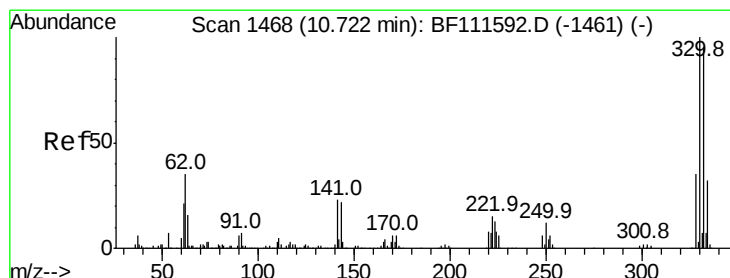
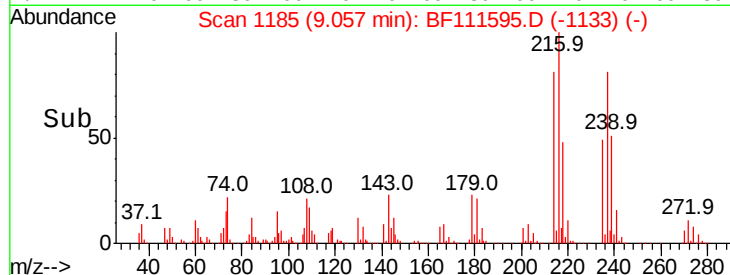
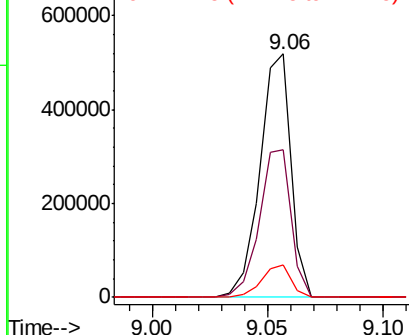
237 100

235 60.9 43.1 83.1

272 13.3 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 196.870 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

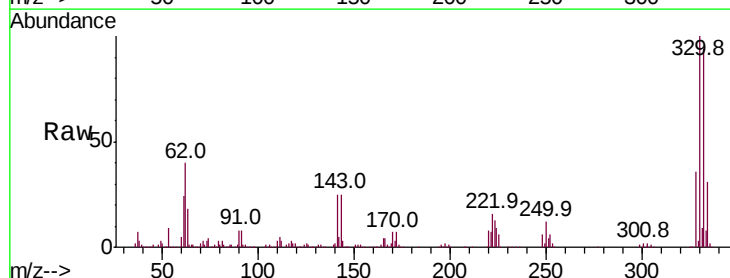
Tgt Ion:330 Resp: 674551

Ion Ratio Lower Upper

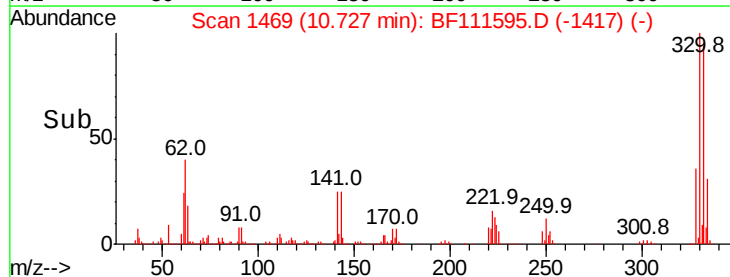
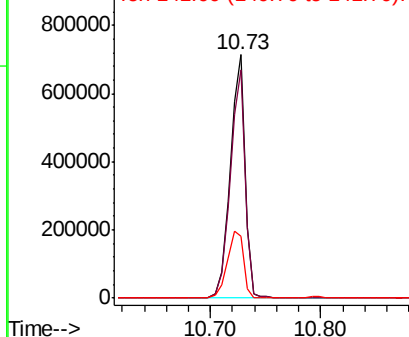
330 100

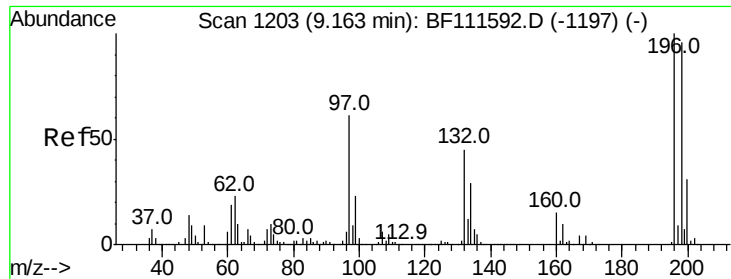
332 94.4 76.0 114.0

141 30.1 31.0 46.6#



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

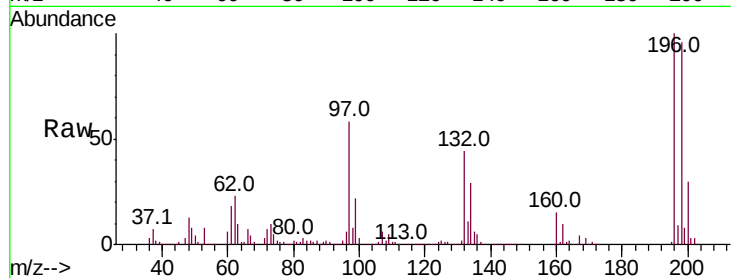




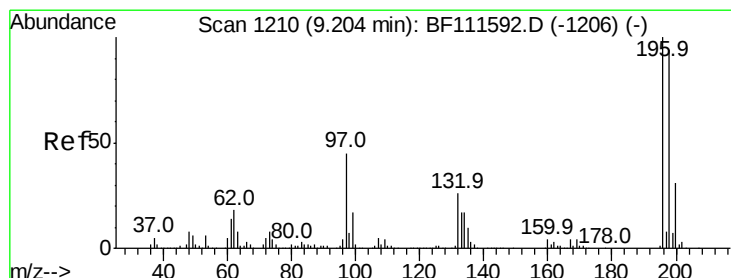
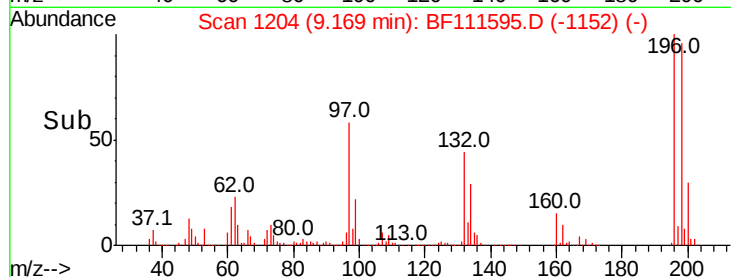
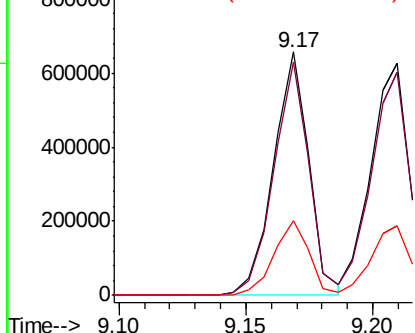
#43  
 2,4,6-Trichlorophenol  
 Concen: 86.498 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. 0.01 min  
 Lab File: BF111595.D  
 Acq: 19 Dec 2018 17:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion:196 Resp: 642177  
 Ion Ratio Lower Upper  
 196 100  
 198 95.9 76.3 114.5  
 200 30.4 24.9 37.3

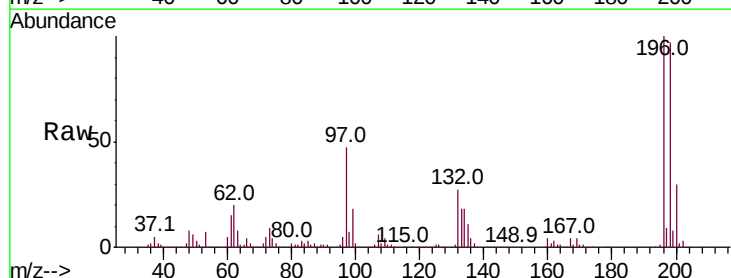


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

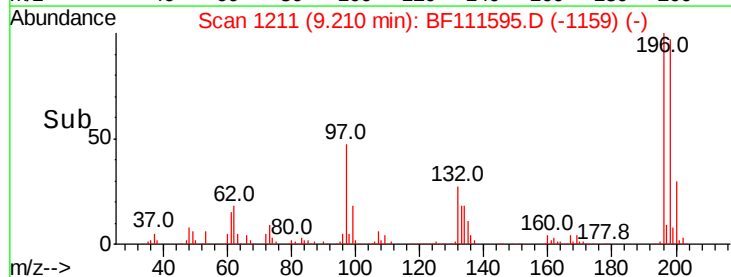
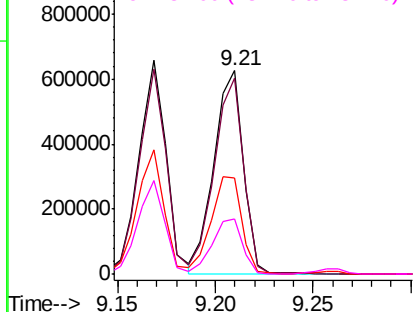


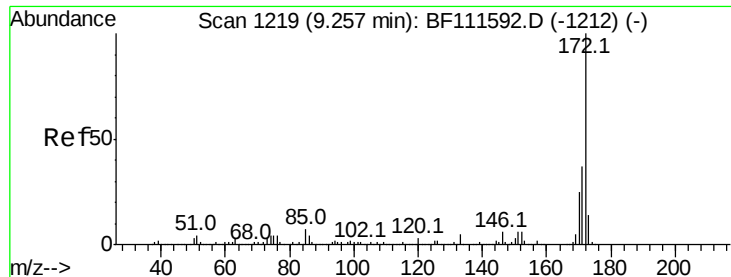
#44  
 2,4,5-Trichlorophenol  
 Concen: 82.709 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. 0.01 min  
 Lab File: BF111595.D  
 Acq: 19 Dec 2018 17:05

Tgt Ion:196 Resp: 653417  
 Ion Ratio Lower Upper  
 196 100  
 198 96.5 72.9 109.3  
 97 47.4 45.3 67.9  
 132 27.1 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 139.662 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

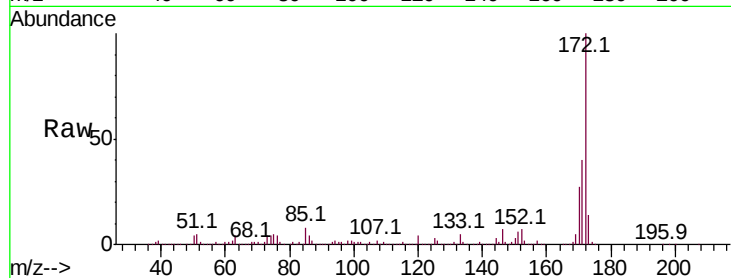
Tot Ion:172 Resp: 3458451

Ion Ratio Lower Upper

172 100

171 39.9 33.0 49.4

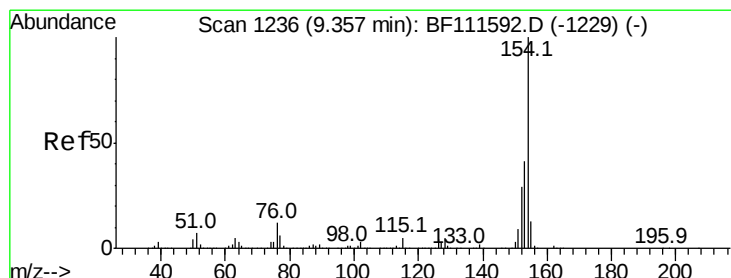
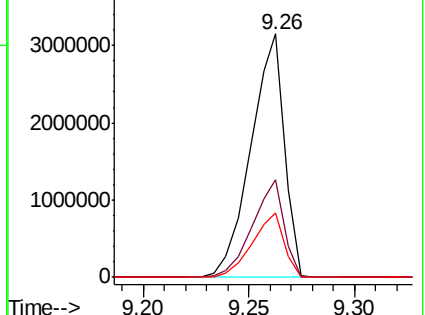
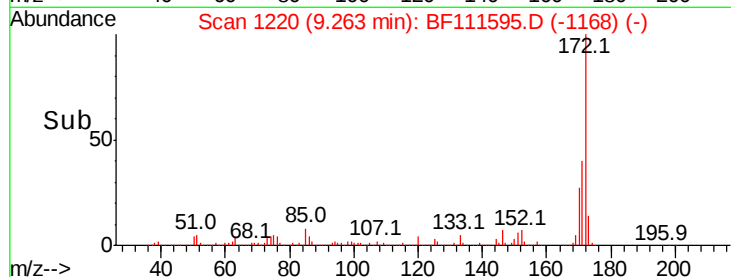
170 26.7 22.3 33.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 69.521 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

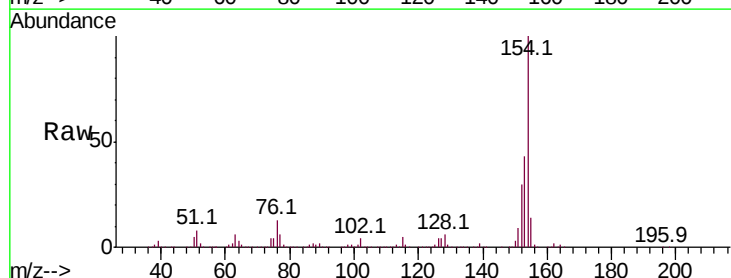
Tgt Ion:154 Resp: 2253146

Ion Ratio Lower Upper

154 100

153 43.2 23.7 63.7

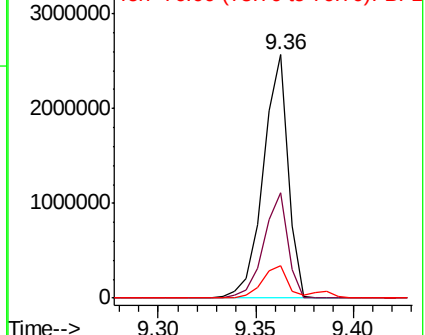
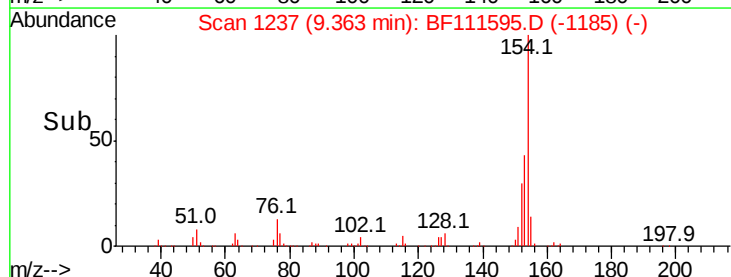
76 13.3 0.0 35.0

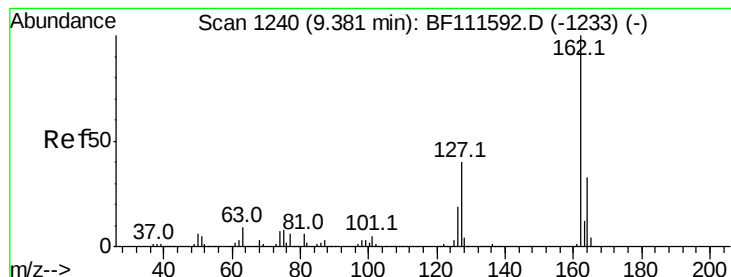


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 74.854 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

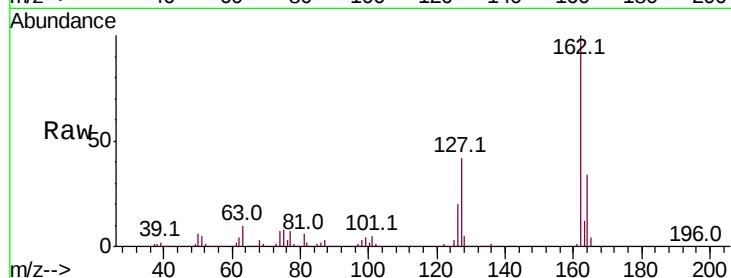
Tot Ion:162 Resp: 1844039

Ion Ratio Lower Upper

162 100

127 41.8 35.0 52.4

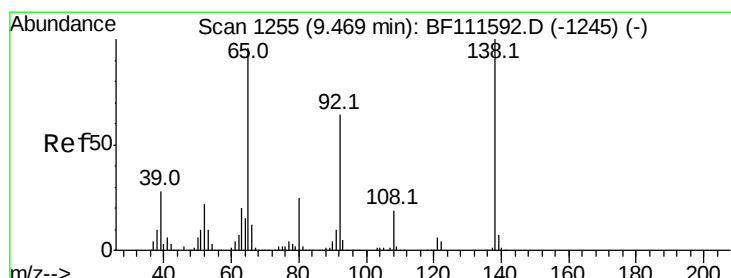
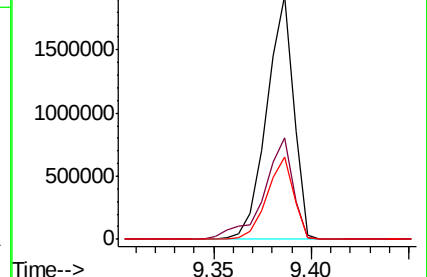
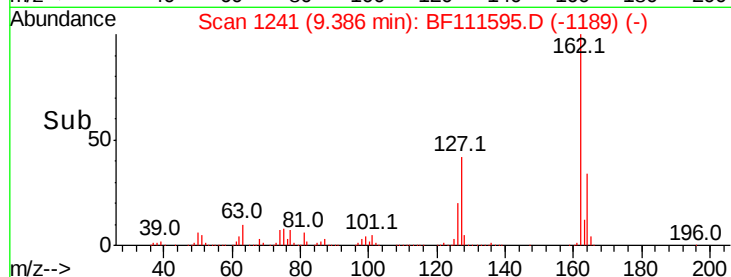
164 33.8 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 69.978 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

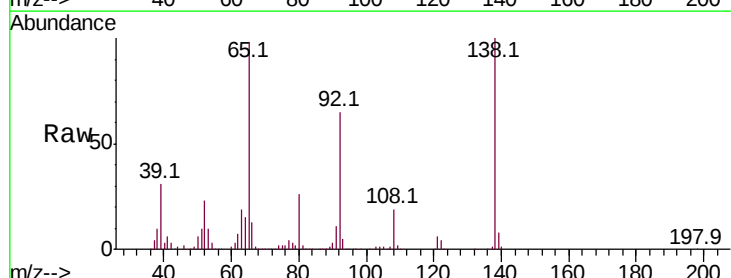
Tgt Ion: 65 Resp: 559741

Ion Ratio Lower Upper

65 100

92 66.2 53.5 80.3

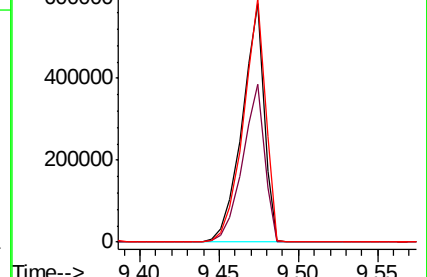
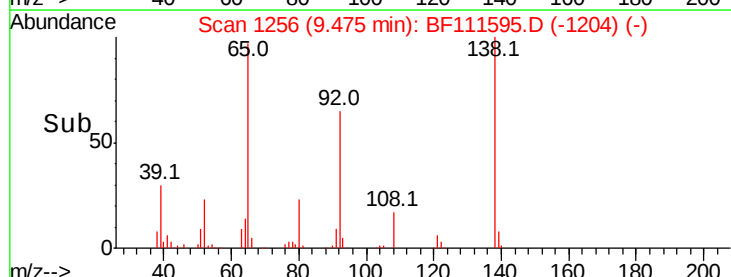
138 102.2 80.9 121.3

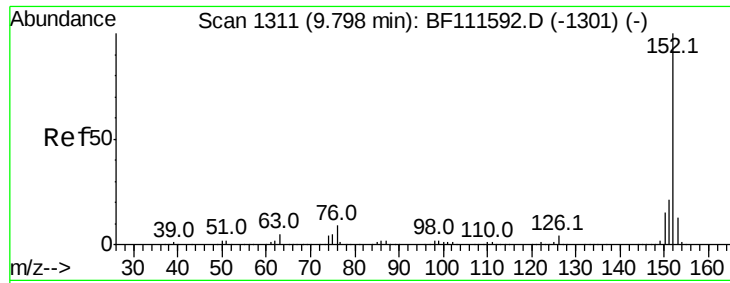


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 73.888 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

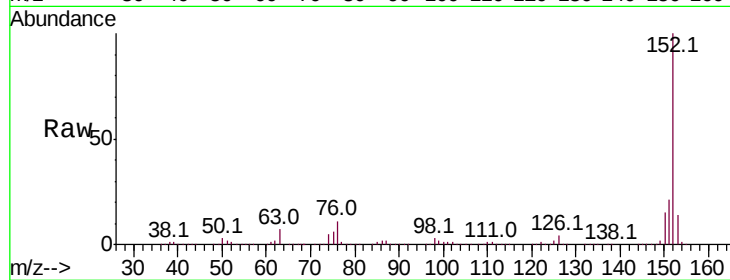
BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 2701897

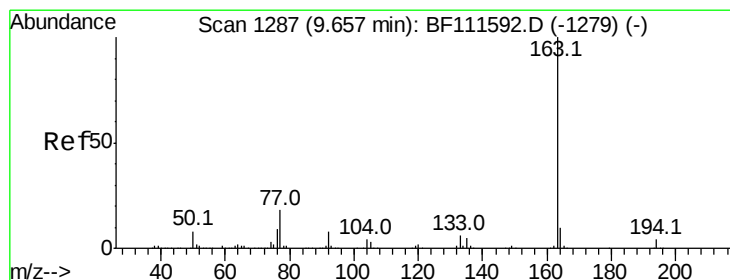
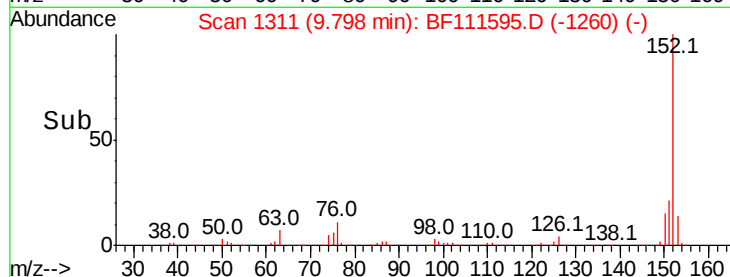
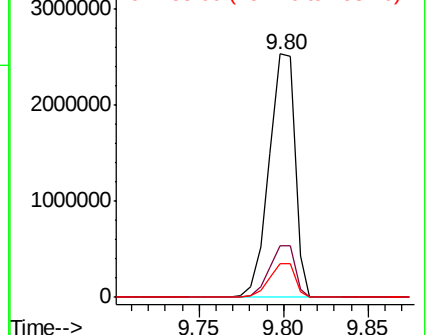
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.4  | 18.0  | 27.0  |
| 153 | 13.9  | 12.3  | 18.5  |



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 74.589 ng

RT: 9.66 min Scan# 1288

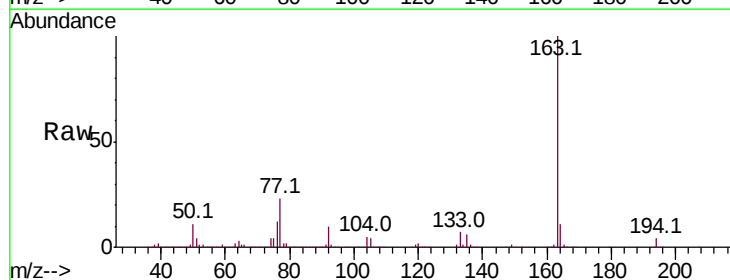
Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Tgt Ion:163 Resp: 2054700

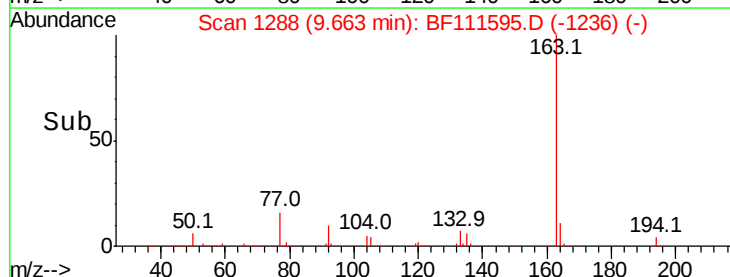
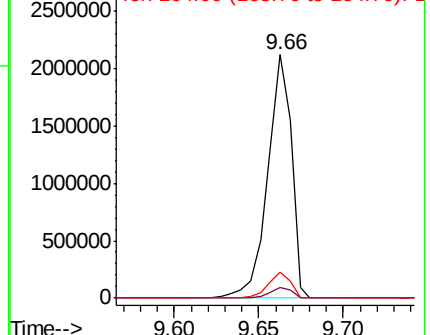
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.3   | 3.0   | 4.6   |
| 164 | 10.8  | 8.9   | 13.3  |

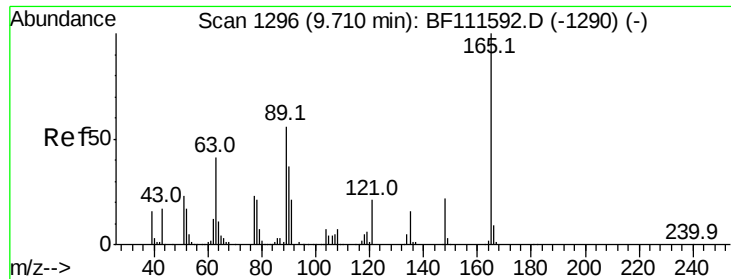


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

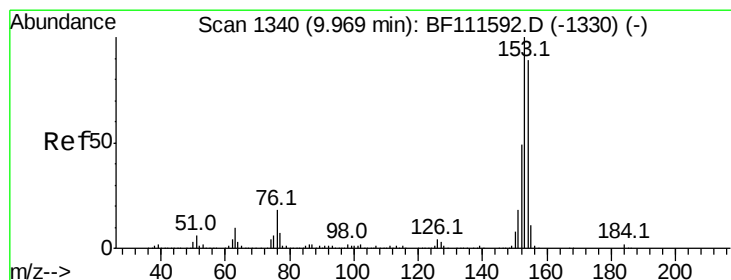
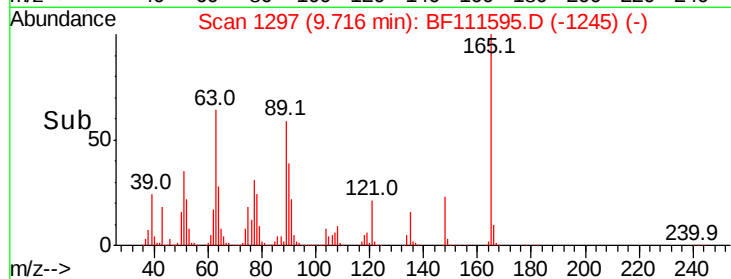
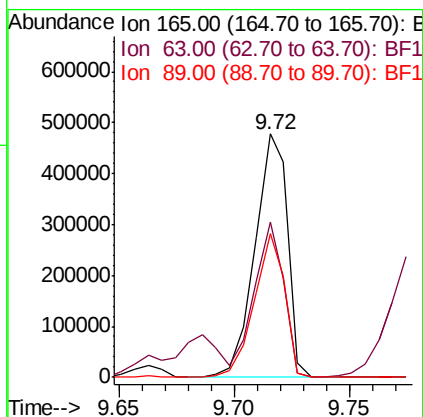
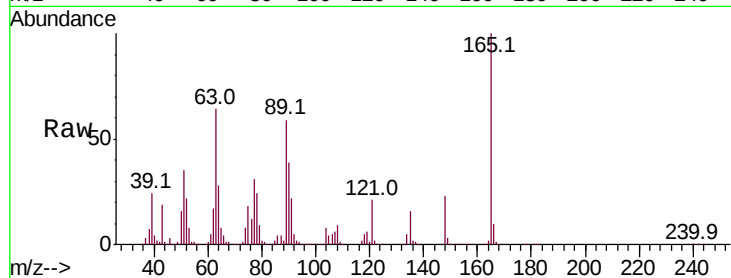




#51  
2,6-Dinitrotoluene  
Concen: 75.618 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

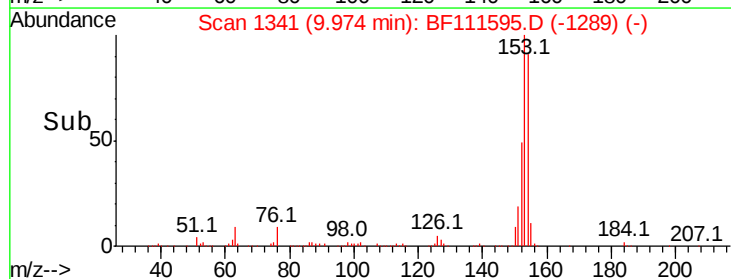
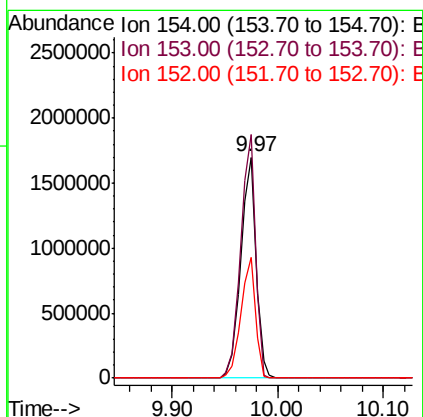
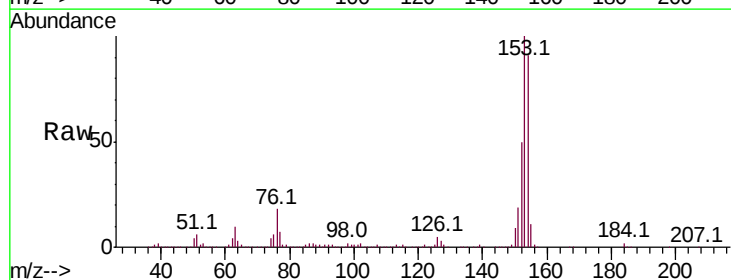
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

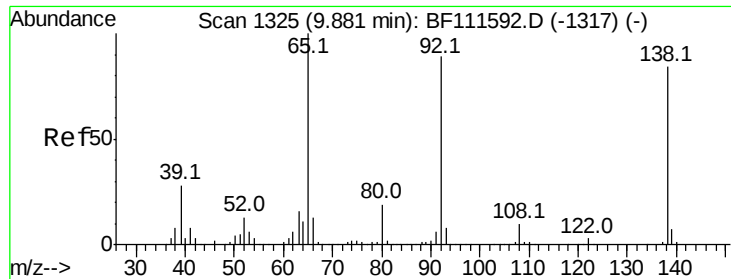
Tot Ion:165 Resp: 468874  
Ion Ratio Lower Upper  
165 100  
63 63.6 40.5 60.7#  
89 58.8 40.0 60.0



#52  
Acenaphthene  
Concen: 72.439 ng  
RT: 9.97 min Scan# 1341  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Tgt Ion:154 Resp: 1674225  
Ion Ratio Lower Upper  
154 100  
153 110.4 87.8 131.8  
152 54.8 43.4 65.2

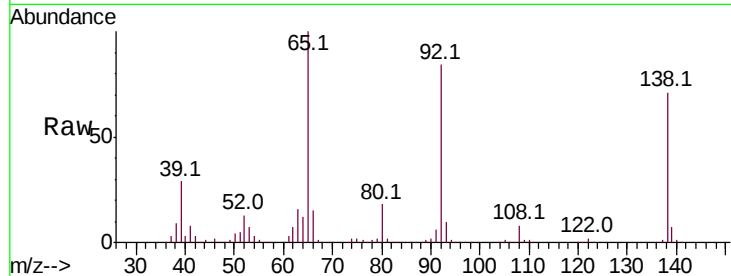




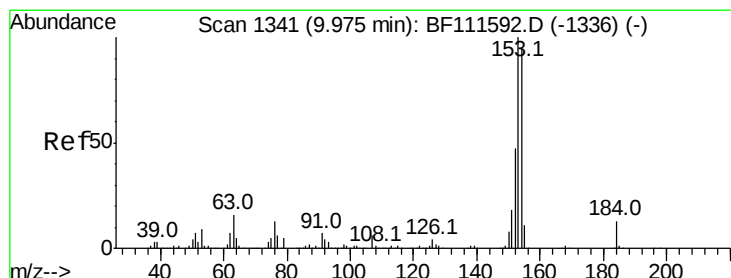
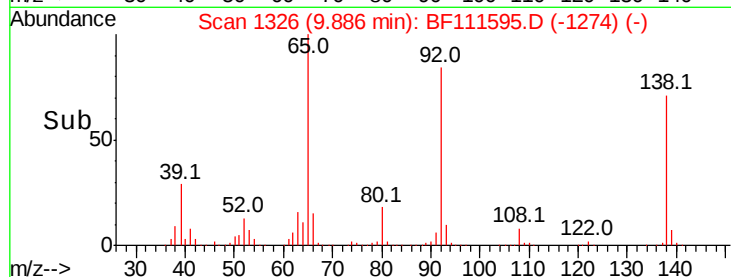
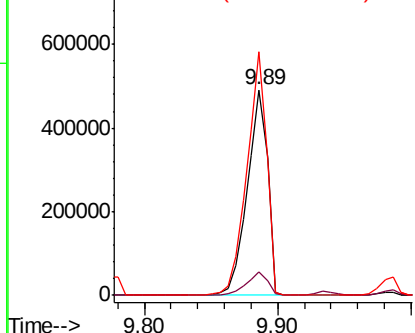
#53  
3-Nitroaniline  
Concen: 67.735 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:138 Resp: 510133  
Ion Ratio Lower Upper  
138 100  
108 11.7 8.2 12.4  
92 118.4 93.4 140.2

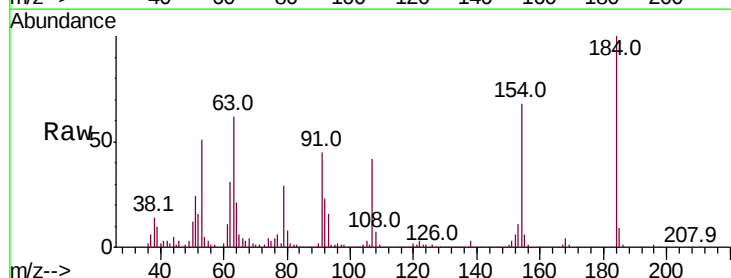


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

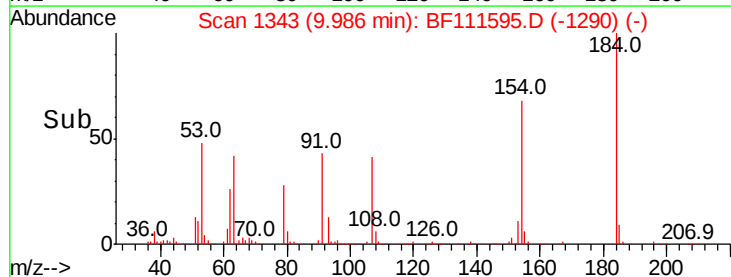
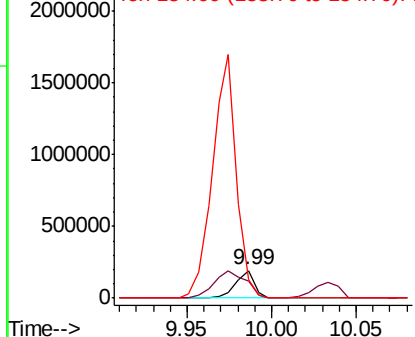


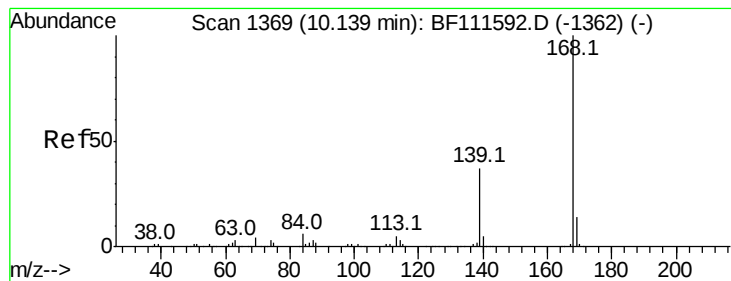
#54  
2,4-Dinitrophenol  
Concen: 62.293 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Tgt Ion:184 Resp: 146949  
Ion Ratio Lower Upper  
184 100  
63 62.2 62.3 93.5#  
154 67.9 56.2 84.2



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 73.960 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

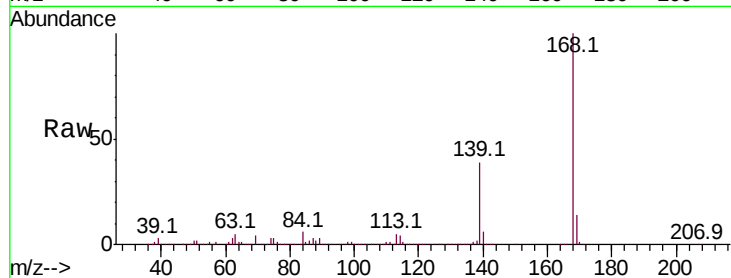
Tot Ion:168 Resp: 2481245

Ion Ratio Lower Upper

168 100

139 39.2 32.6 49.0

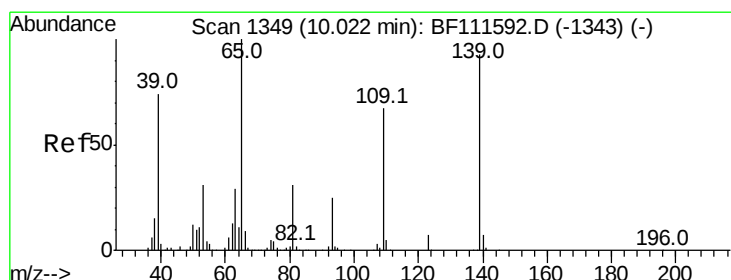
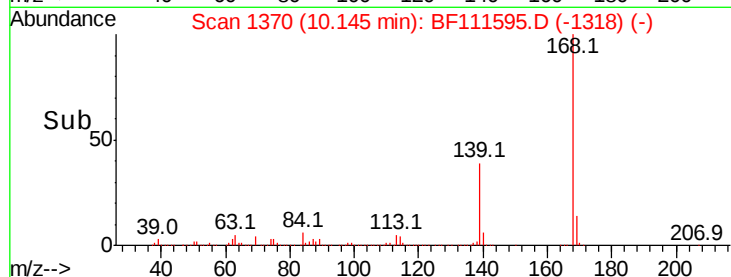
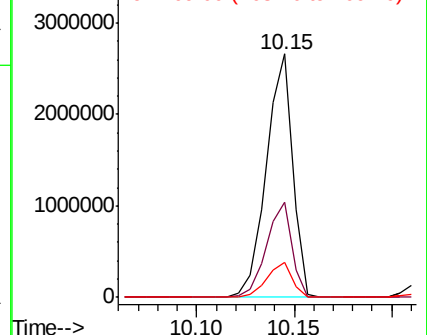
169 14.4 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.375 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

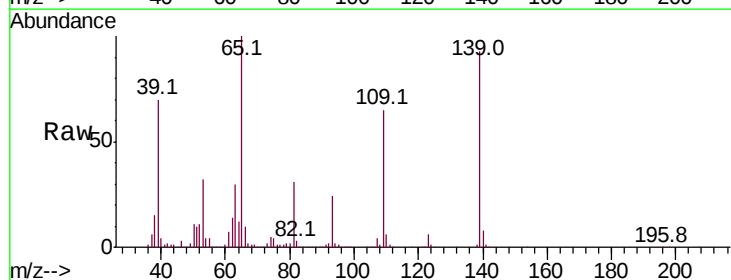
Tgt Ion:139 Resp: 392857

Ion Ratio Lower Upper

139 100

109 70.3 41.8 81.8

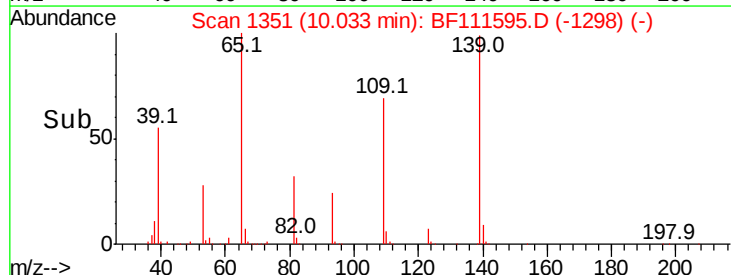
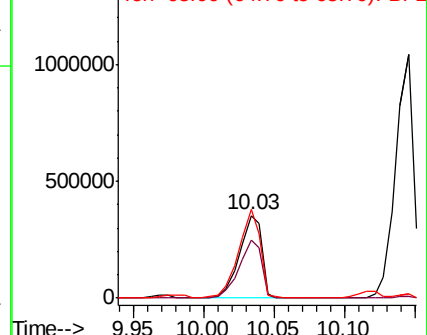
65 107.6 79.6 119.6

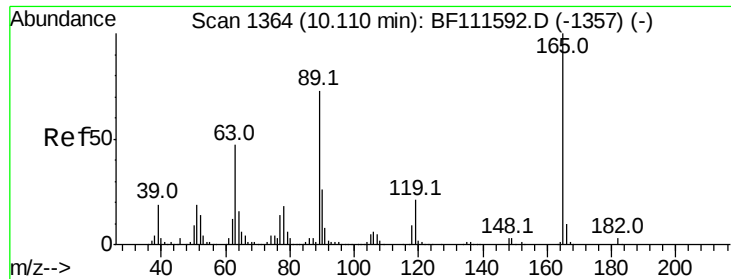


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

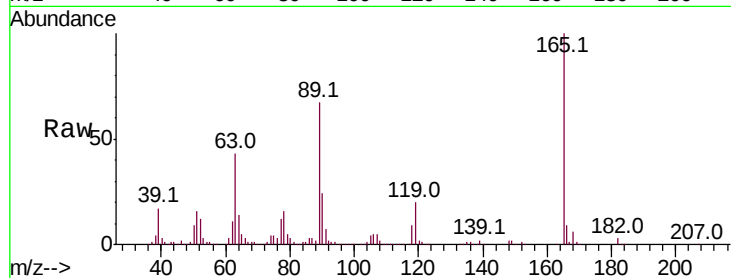




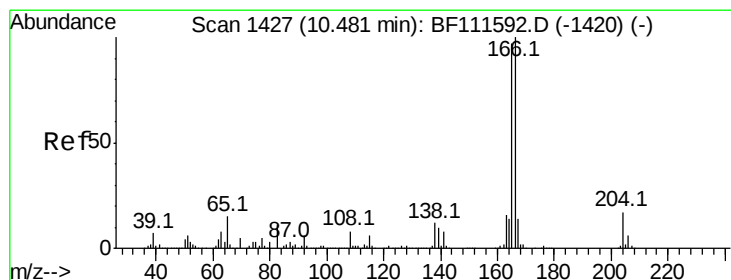
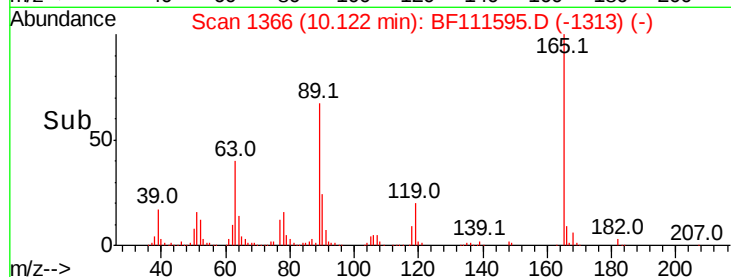
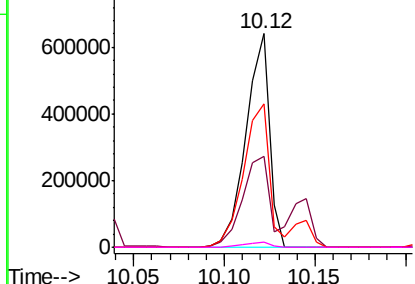
#57  
2,4-Dinitrotoluene  
Concen: 70.865 ng  
RT: 10.12 min Scan# 1366  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tot Ion:165 Resp: 576718  
Ion Ratio Lower Upper  
165 100  
63 42.8 34.6 52.0  
89 67.0 56.2 84.4  
182 2.5 1.8 2.6

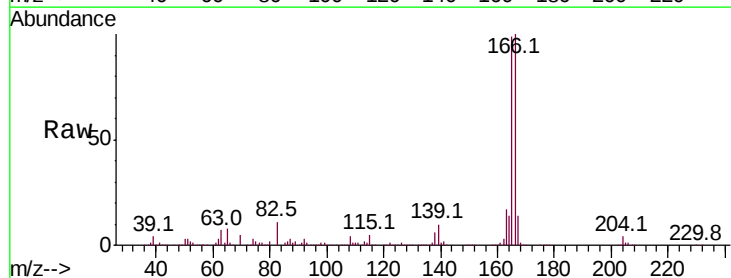


Abundance Ion 165.00 (164.70 to 165.70): E  
1000000 Ion 63.00 (62.70 to 63.70): BF1  
800000 Ion 89.00 (88.70 to 89.70): BF1  
600000 Ion 182.00 (181.70 to 182.70): E  
400000  
200000  
0

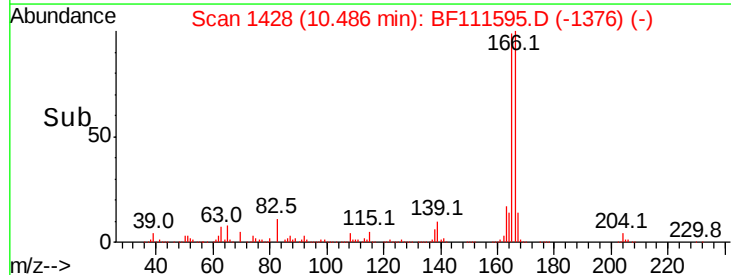
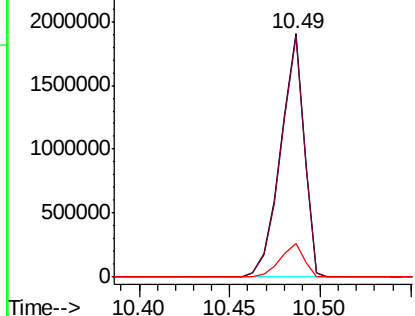


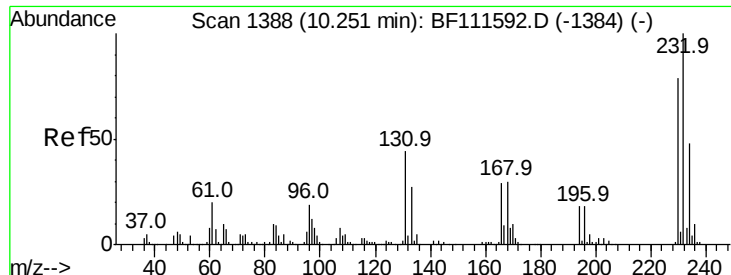
#58  
Fluorene  
Concen: 70.795 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Tgt Ion:166 Resp: 1722701  
Ion Ratio Lower Upper  
166 100  
165 98.8 78.4 117.6  
167 13.9 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E  
2500000 Ion 165.00 (164.70 to 165.70): E  
2000000 Ion 167.00 (166.70 to 167.70): E  
1500000  
1000000  
500000  
0

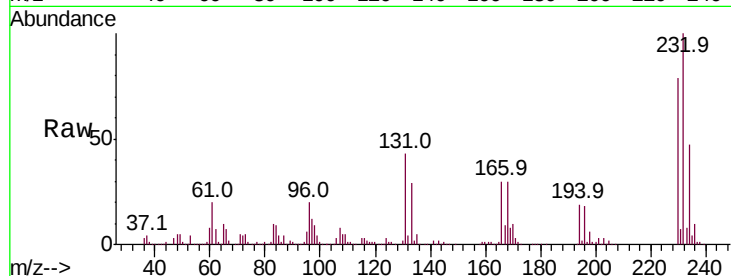




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 89.114 ng  
 RT: 10.26 min Scan# 1389  
 Delta R.T. 0.01 min  
 Lab File: BF111595.D  
 Acq: 19 Dec 2018 17:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 43.0  | 40.9  | 61.3  |
| 130     | 2.2   | 2.0   | 3.0   |
| 166     | 29.8  | 26.8  | 40.2  |



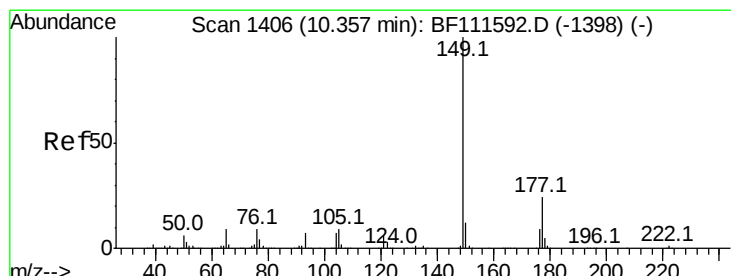
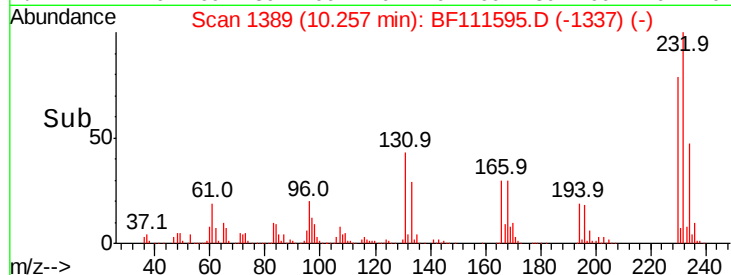
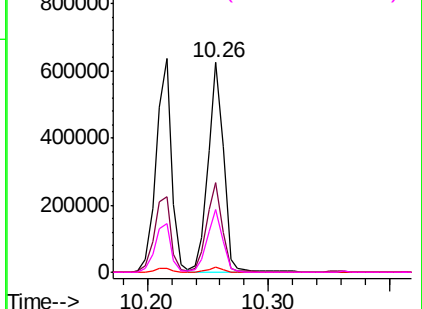
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

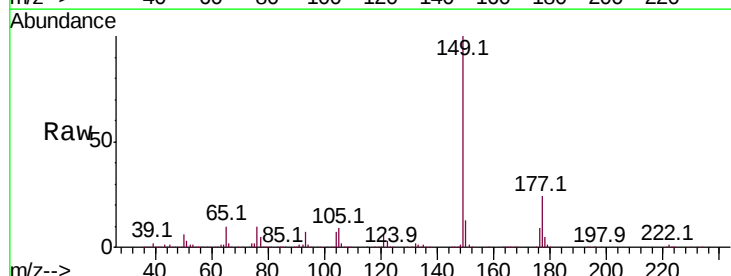
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 71.918 ng  
 RT: 10.36 min Scan# 1407  
 Delta R.T. 0.01 min  
 Lab File: BF111595.D  
 Acq: 19 Dec 2018 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.3  | 18.3  | 27.5  |
| 150     | 12.7  | 10.6  | 15.8  |

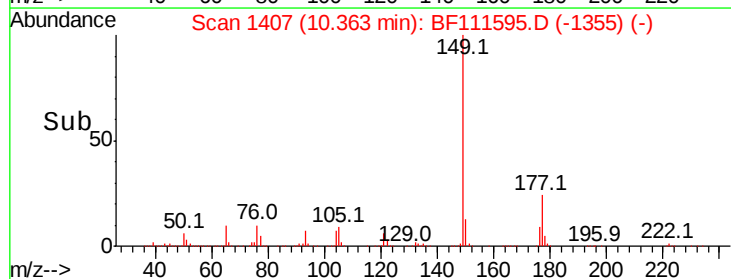
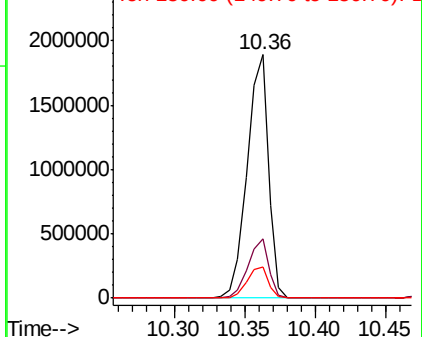


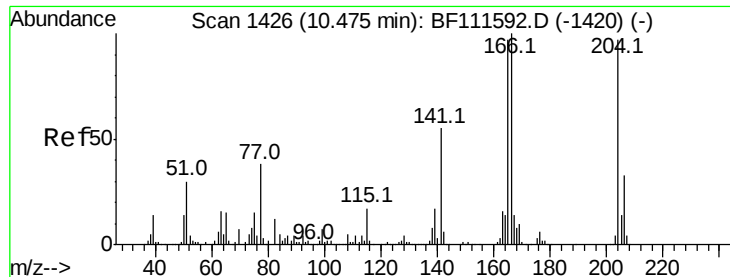
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

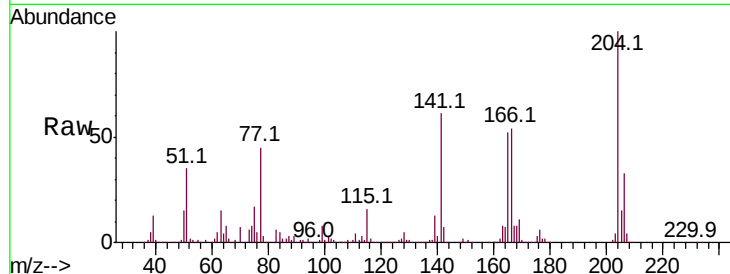




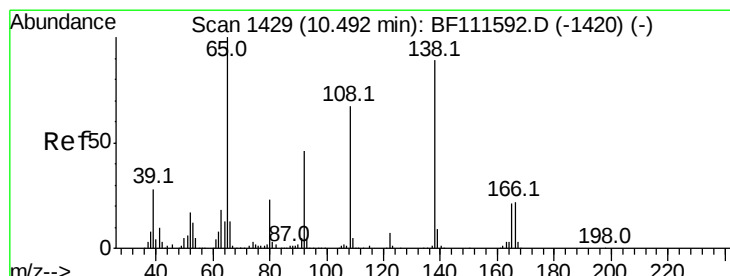
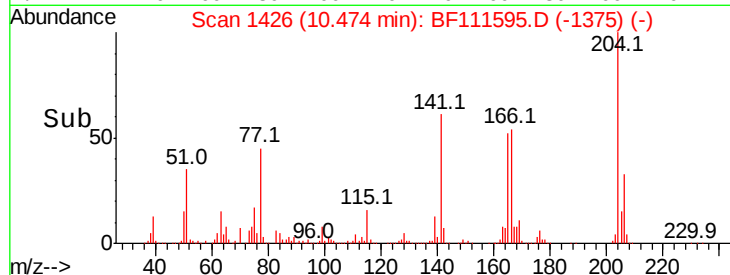
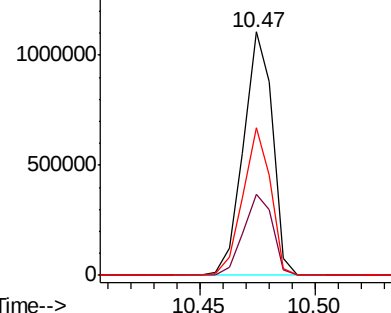
#61  
 4-Chlorophenyl-phenylether  
 Concen: 81.574 ng  
 RT: 10.47 min Scan# 1426  
 Delta R.T. -0.00 min  
 Lab File: BF111595.D  
 Acq: 19 Dec 2018 17:05

Instrument :  
 BNA\_F  
 ClientSampleID :  
 SSTDICC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 204   | Resp: | 971161 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 33.2  | 26.6  | 39.8   |
| 141      | 60.6  | 52.6  | 78.8   |

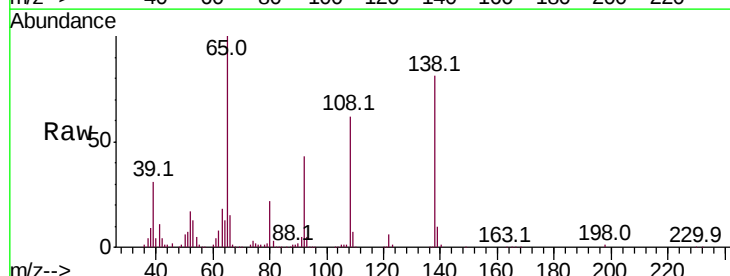


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

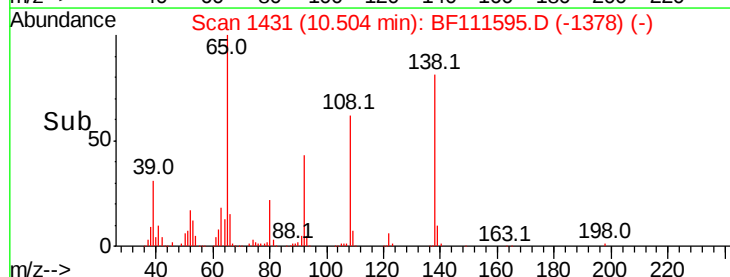
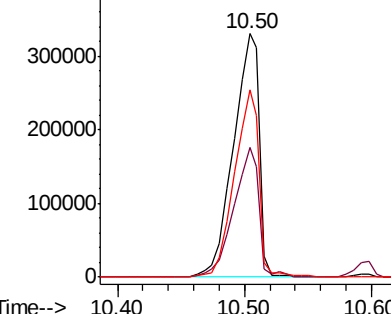


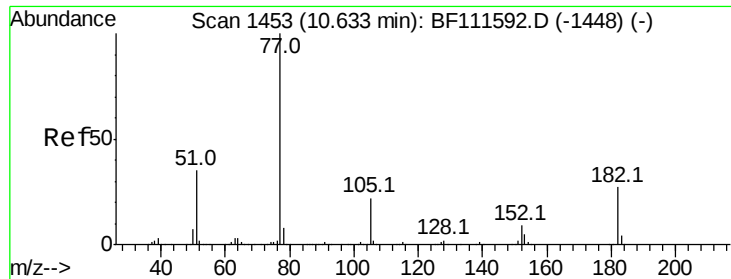
#62  
 4-Nitroaniline  
 Concen: 63.224 ng  
 RT: 10.50 min Scan# 1431  
 Delta R.T. 0.01 min  
 Lab File: BF111595.D  
 Acq: 19 Dec 2018 17:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 471370 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 53.5  | 29.9  | 69.9   |
| 108      | 76.7  | 43.2  | 83.2   |



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 72.923 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 2006027

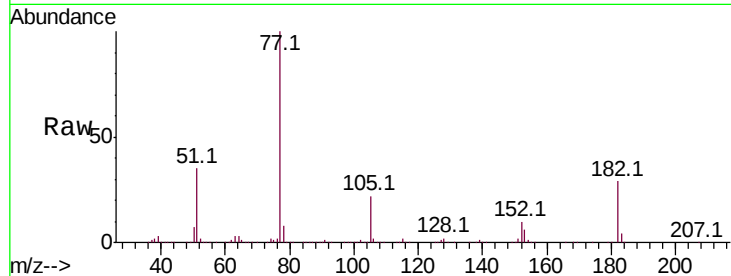
Ion Ratio Lower Upper

77 100

182 28.7 4.9 44.9

105 21.9 6.0 46.0

51 34.5 14.7 54.7

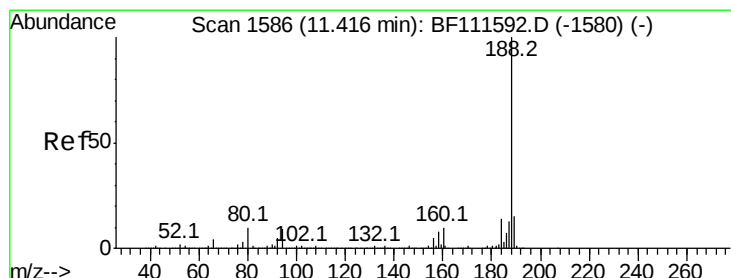
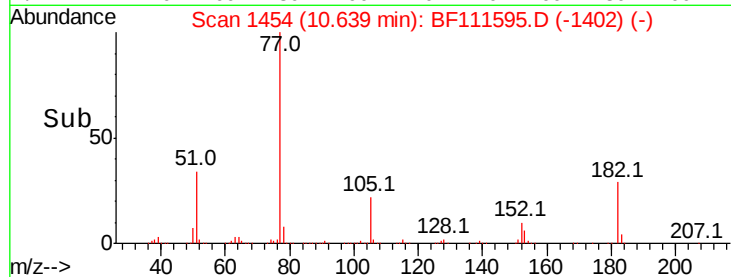
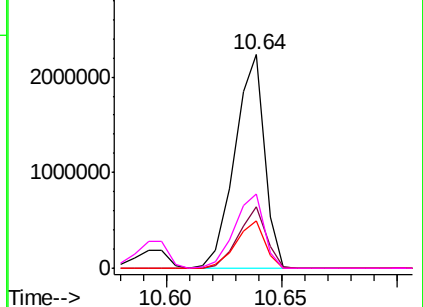


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

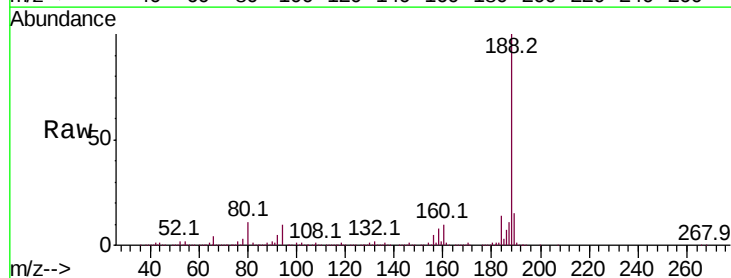
Tgt Ion: 188 Resp: 698398

Ion Ratio Lower Upper

188 100

94 9.6 9.6 14.4#

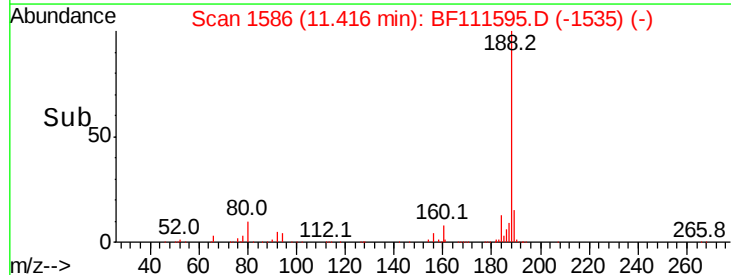
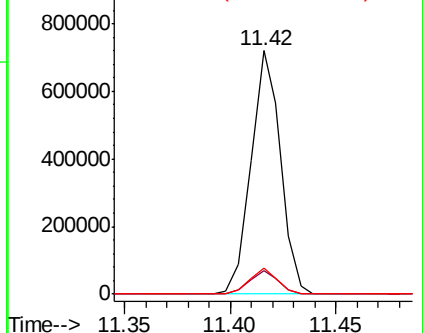
80 10.6 9.8 14.6

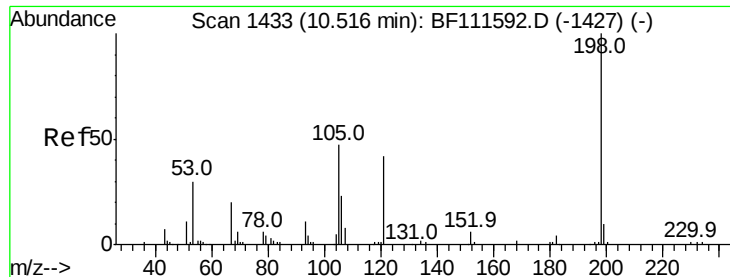


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 63.260 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

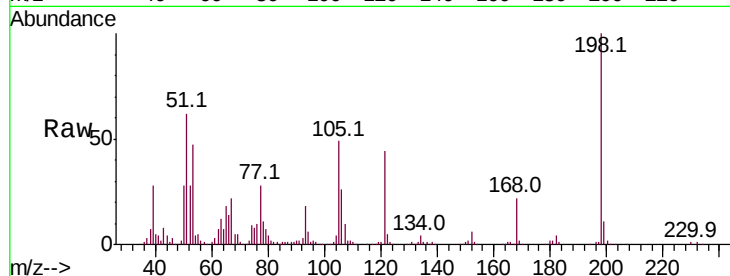
Tot Ion:198 Resp: 249422

Ion Ratio Lower Upper

198 100

51 62.3 48.0 88.0

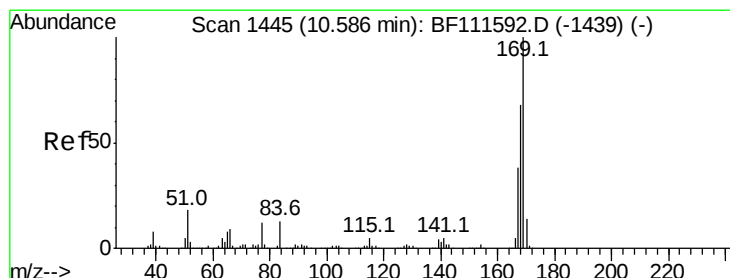
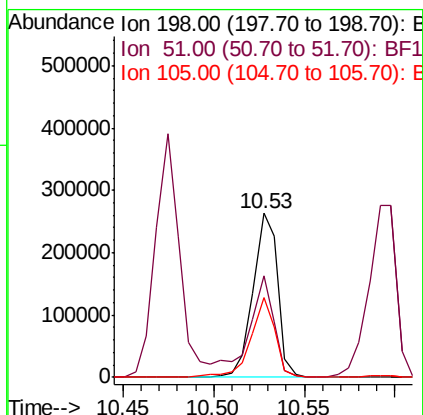
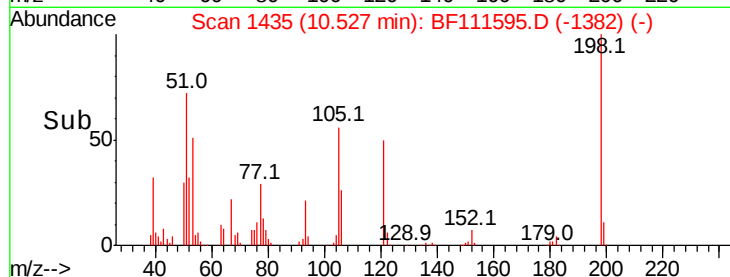
105 48.7 34.0 74.0



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: 71.830 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

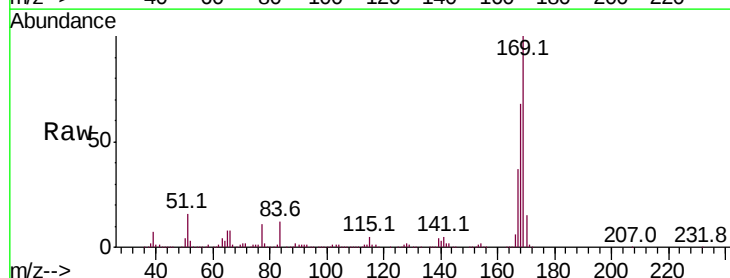
Tgt Ion:169 Resp: 1729962

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

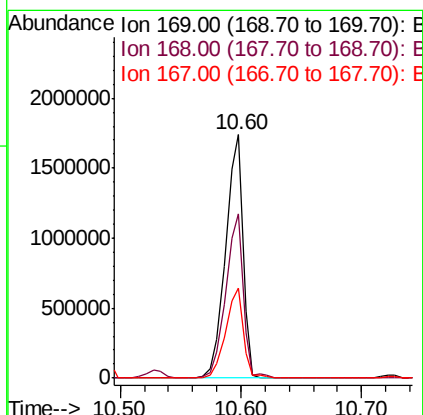
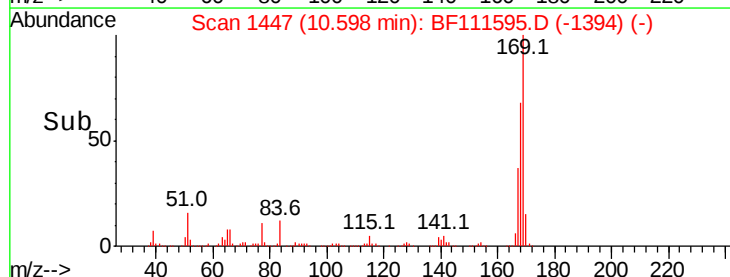
167 36.8 30.5 45.7

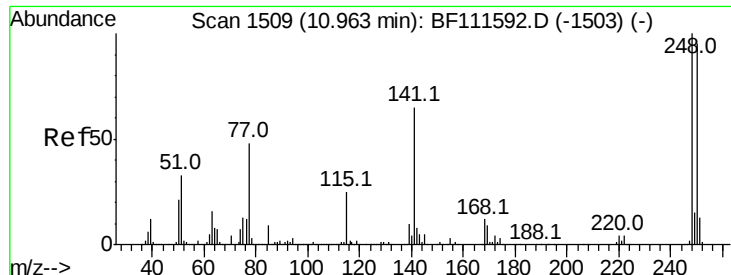


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

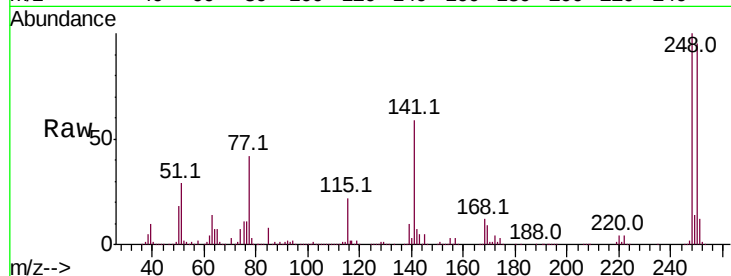




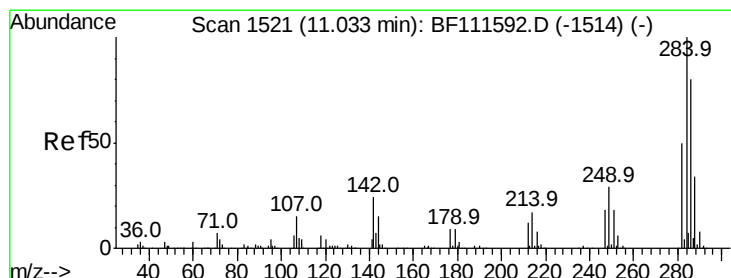
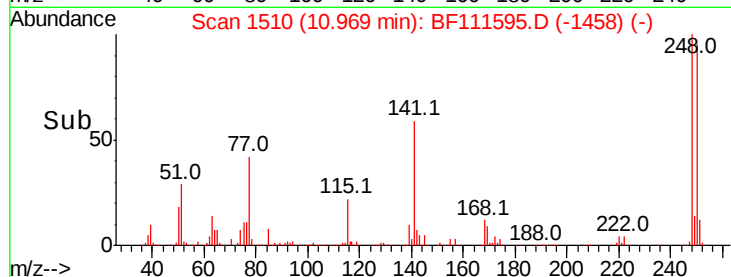
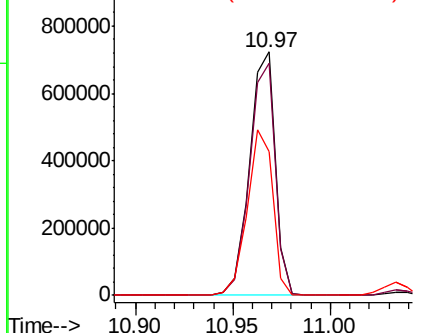
#67  
4-Bromophenyl-phenylether  
Concen: 87.138 ng  
RT: 10.97 min Scan# 1510  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:248 Resp: 655916  
Ion Ratio Lower Upper  
248 100  
250 95.2 77.0 115.4  
141 59.1 63.0 94.6#

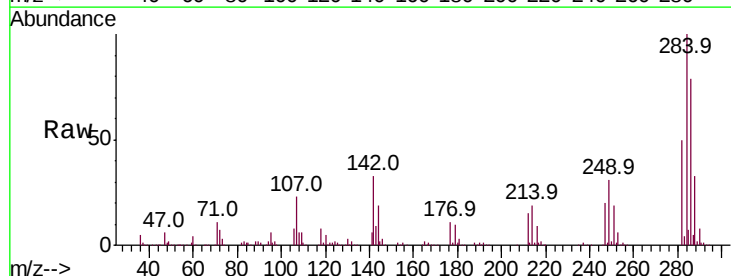


Abundance Ion 248.00 (247.70 to 248.70): E  
1000000 Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

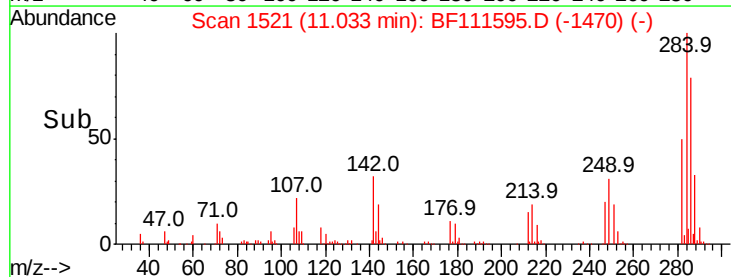
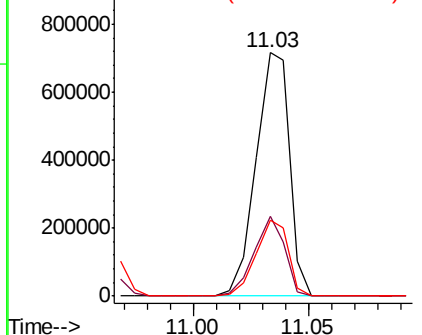


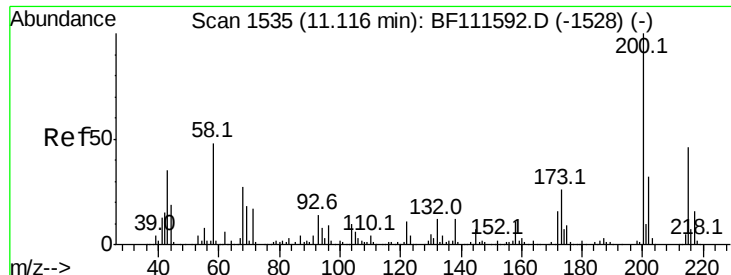
#68  
Hexachlorobenzene  
Concen: 93.791 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. -0.00 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Tgt Ion:284 Resp: 726223  
Ion Ratio Lower Upper  
284 100  
142 32.5 27.4 41.2  
249 31.2 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E  
1000000 Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

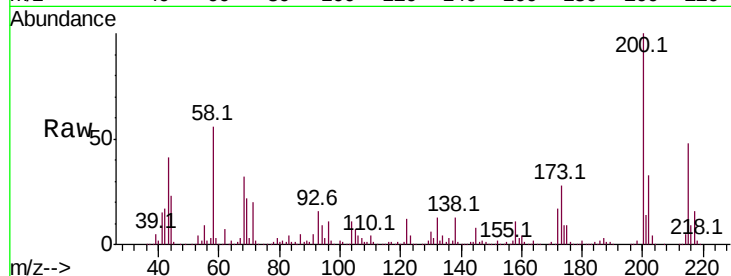




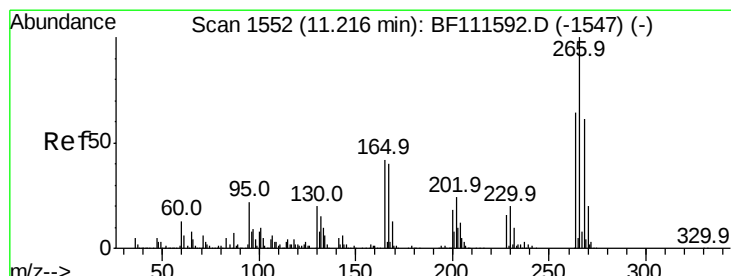
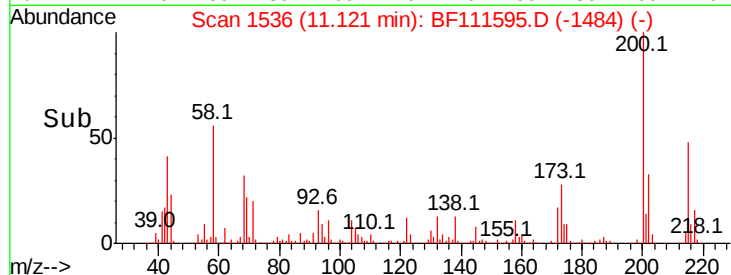
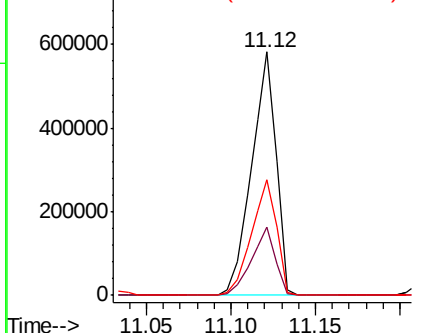
#69  
Atrazine  
Concen: 84.861 ng  
RT: 11.12 min Scan# 1536  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.3  | 10.1  | 50.1  |
| 215     | 47.6  | 26.9  | 66.9  |

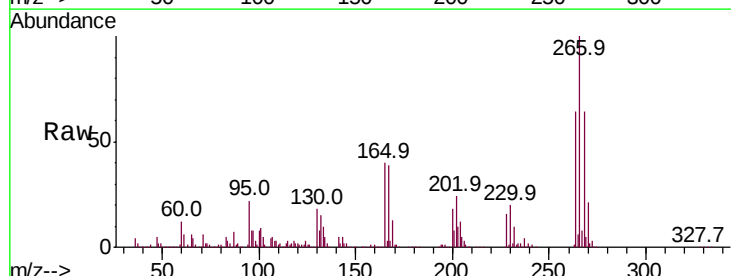


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

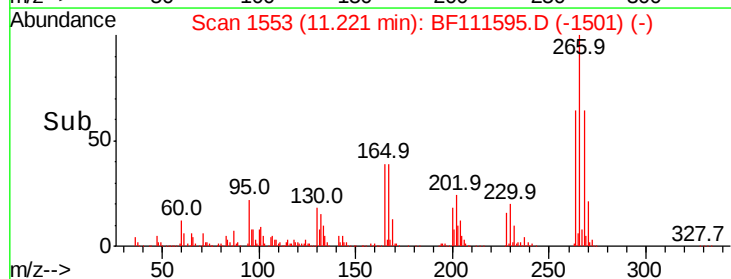
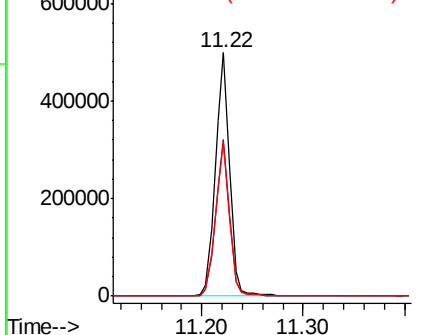


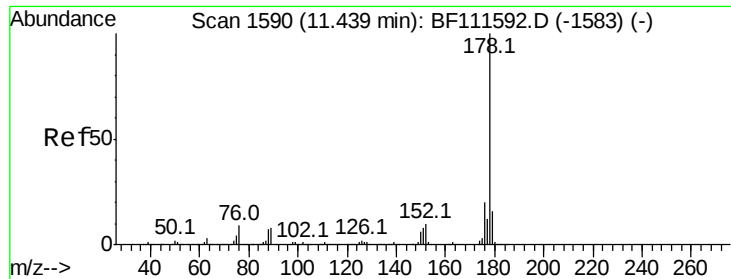
#70  
Pentachlorophenol  
Concen: 102.832 ng  
RT: 11.22 min Scan# 1553  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.3  | 47.9  | 71.9  |
| 264     | 63.5  | 49.1  | 73.7  |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 72.626 ng

RT: 11.44 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

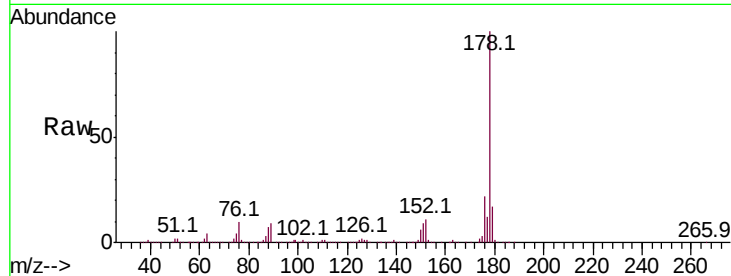
Tot Ion:178 Resp: 2613612

Ion Ratio Lower Upper

178 100

176 21.5 18.1 27.1

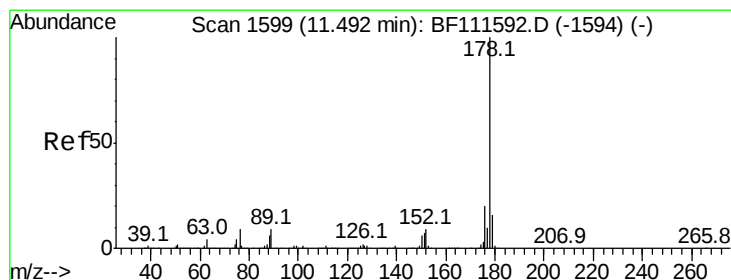
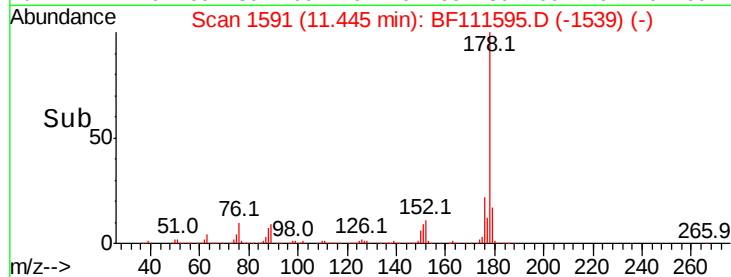
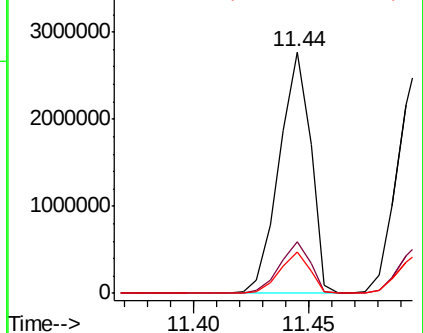
179 17.0 14.0 21.0



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: 70.722 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

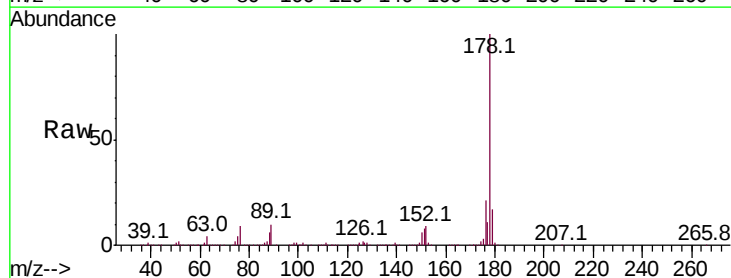
Tgt Ion:178 Resp: 2602804

Ion Ratio Lower Upper

178 100

176 21.1 17.2 25.8

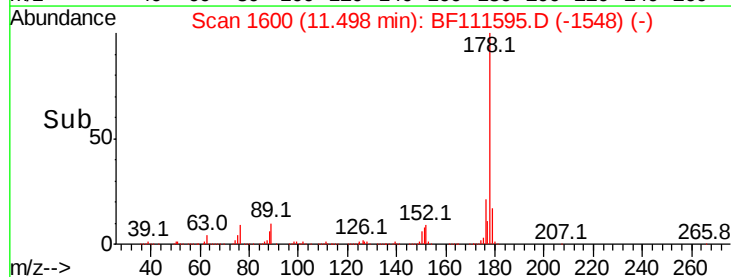
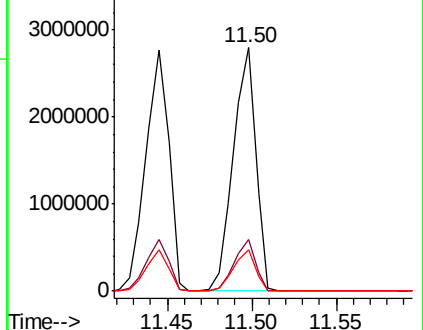
179 16.9 13.8 20.8

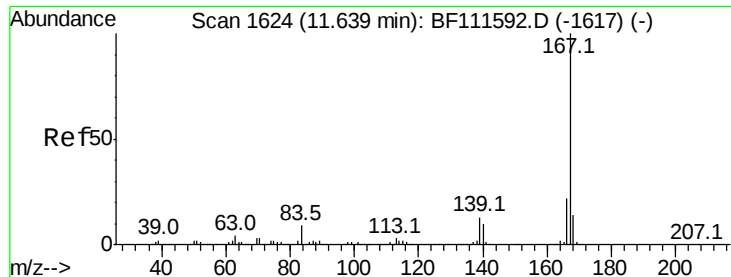


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

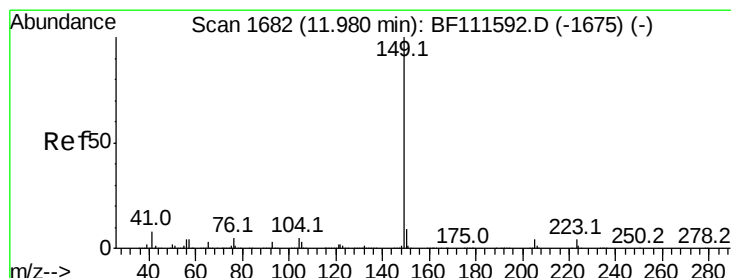
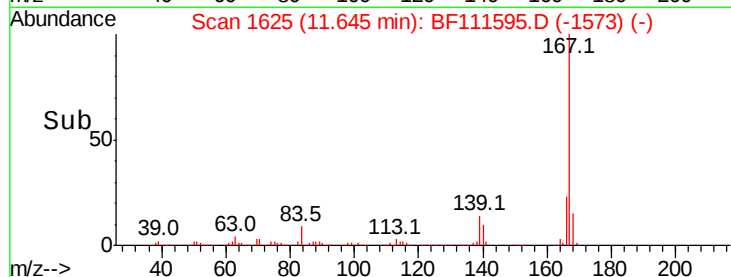
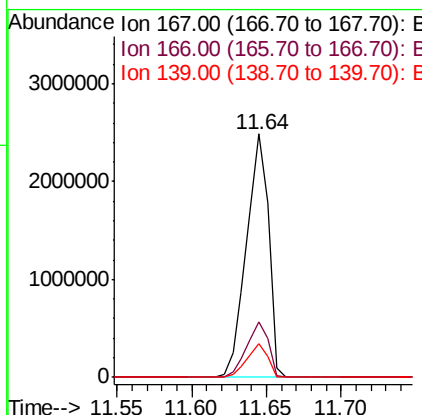
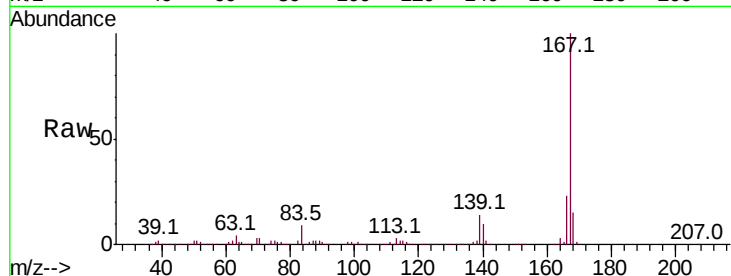




#73  
 Carbazole  
 Concen: 67.137 ng  
 RT: 11.64 min Scan# 1625  
 Delta R.T. 0.01 min  
 Lab File: BF111595.D  
 Acq: 19 Dec 2018 17:05

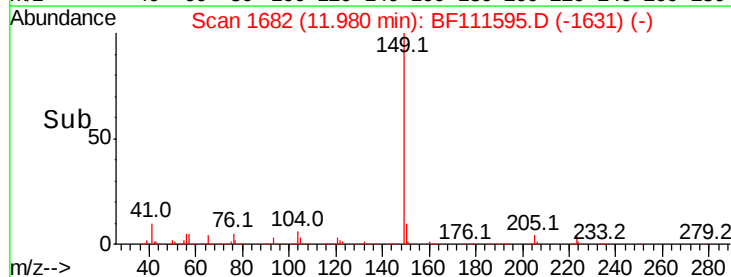
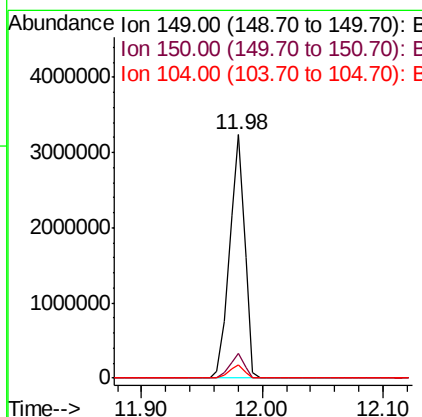
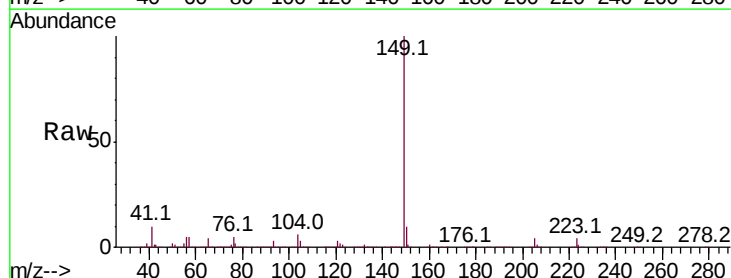
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

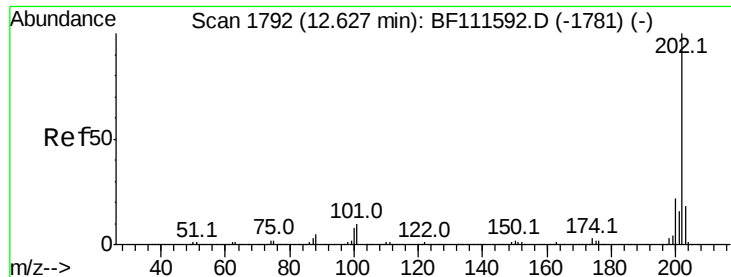
Tot Ion:167 Resp: 2555112  
 Ion Ratio Lower Upper  
 167 100  
 166 23.0 19.3 28.9  
 139 14.1 11.9 17.9



#74  
 Di-n-butylphthalate  
 Concen: 66.141 ng  
 RT: 11.98 min Scan# 1682  
 Delta R.T. -0.00 min  
 Lab File: BF111595.D  
 Acq: 19 Dec 2018 17:05

Tgt Ion:149 Resp: 2803410  
 Ion Ratio Lower Upper  
 149 100  
 150 10.1 8.8 13.2  
 104 5.5 4.5 6.7

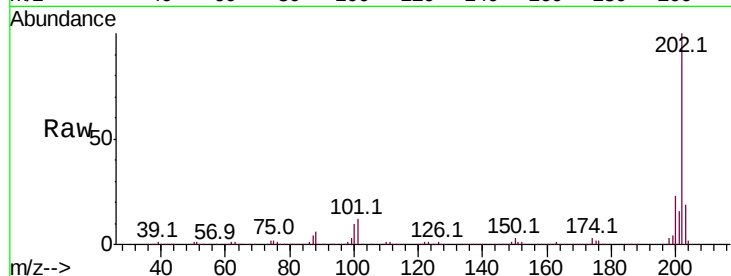




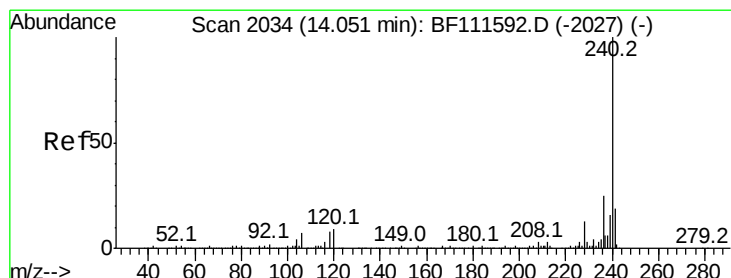
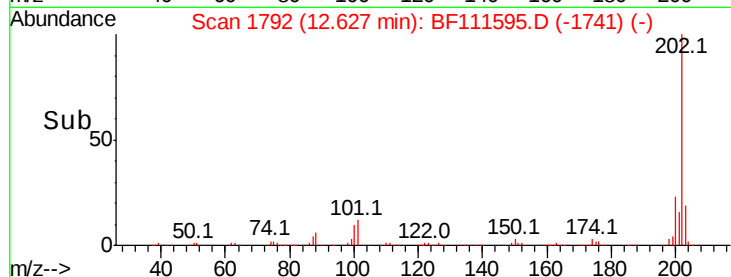
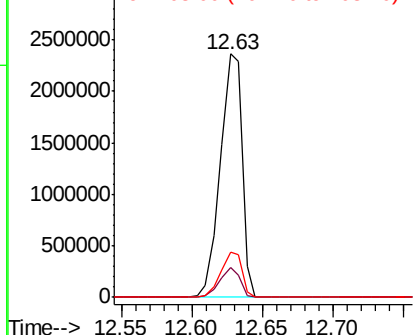
#75  
 Fluoranthene  
 Concen: 71.969 ng  
 RT: 12.63 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: BF111595.D  
 Acq: 19 Dec 2018 17:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion:202 Resp: 2533756  
 Ion Ratio Lower Upper  
 202 100  
 101 12.4 0.0 33.8  
 203 18.7 0.0 38.6

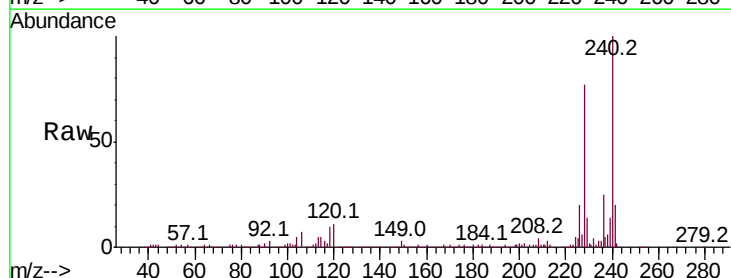


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

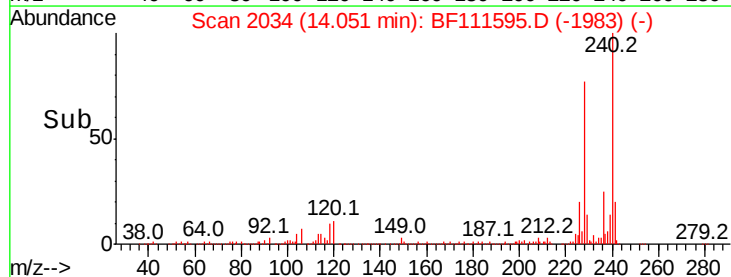
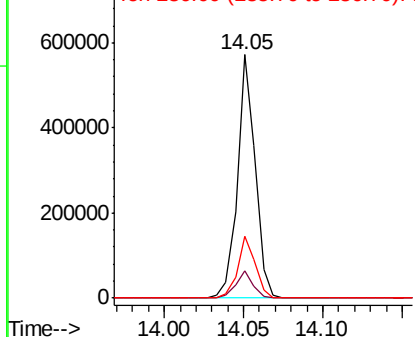


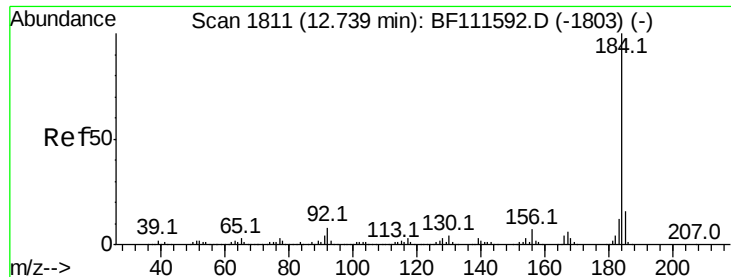
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.05 min Scan# 2034  
 Delta R.T. -0.00 min  
 Lab File: BF111595.D  
 Acq: 19 Dec 2018 17:05

Tgt Ion:240 Resp: 442576  
 Ion Ratio Lower Upper  
 240 100  
 120 11.2 12.2 18.2#  
 236 25.3 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 73.666 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

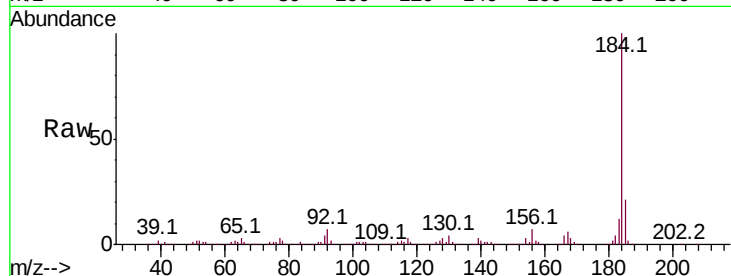
Tot Ion:184 Resp: 1198486

Ion Ratio Lower Upper

184 100

185 21.1 13.0 19.6#

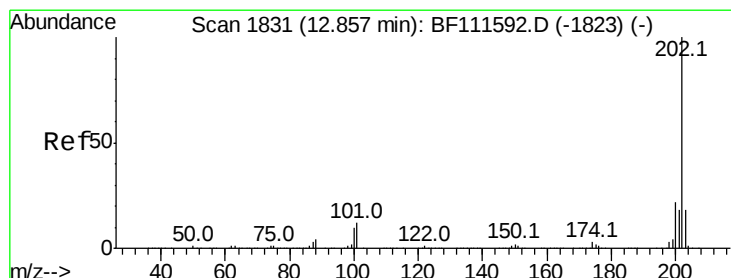
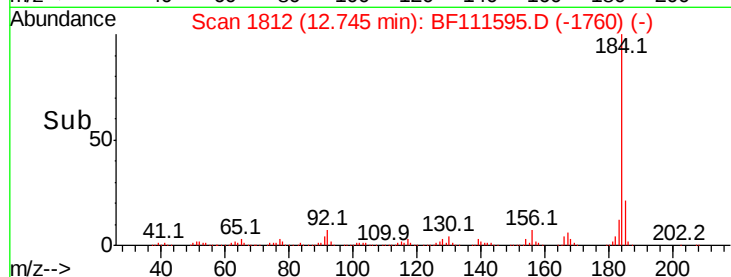
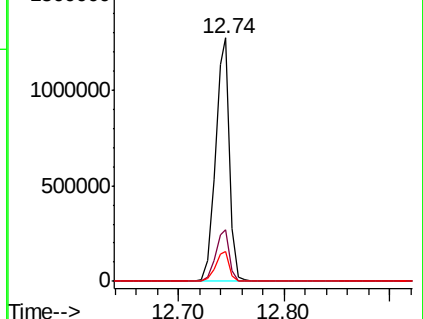
183 12.3 9.3 13.9



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: 81.710 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

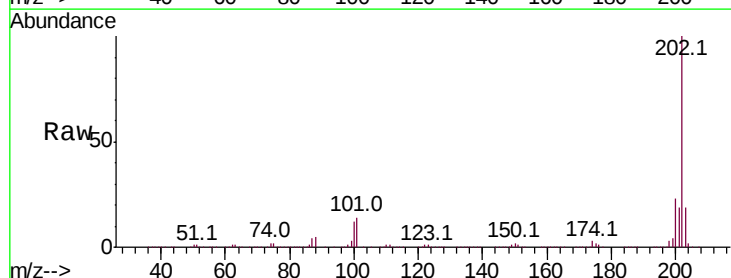
Tgt Ion:202 Resp: 2549620

Ion Ratio Lower Upper

202 100

200 23.3 19.0 28.4

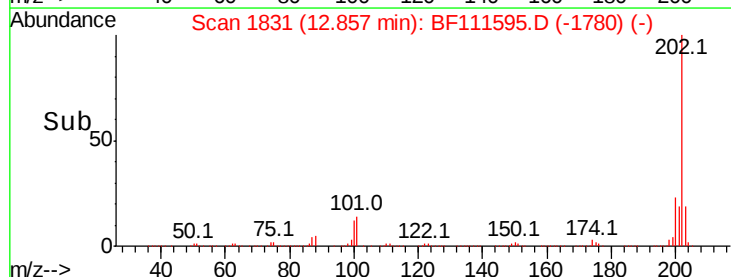
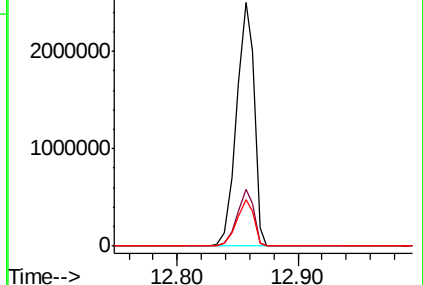
203 19.0 15.2 22.8

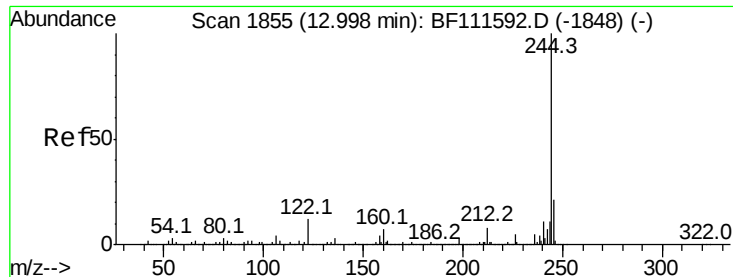


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 185.577 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

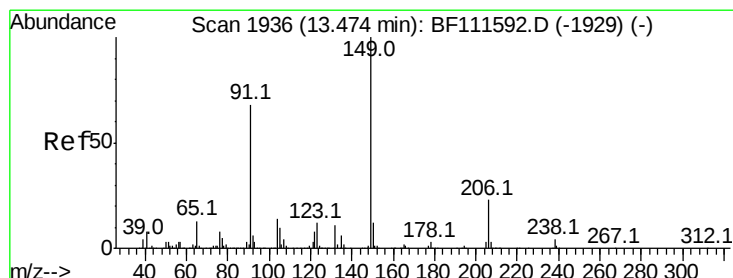
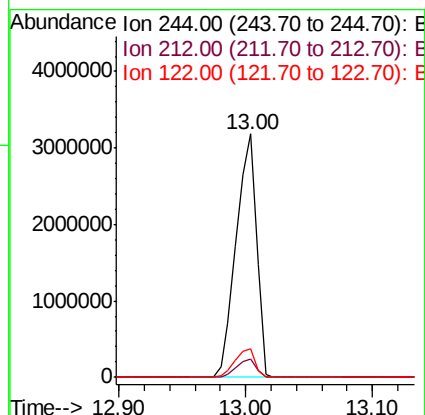
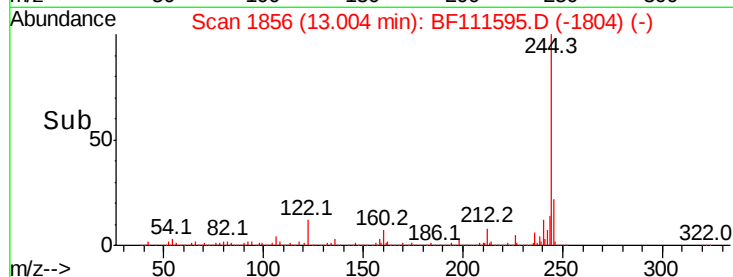
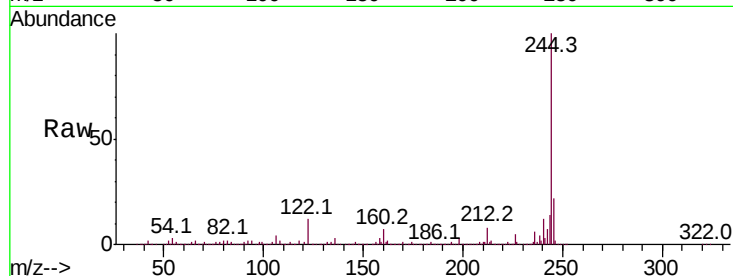
Tot Ion:244 Resp: 3497593

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

122 11.8 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 67.131 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

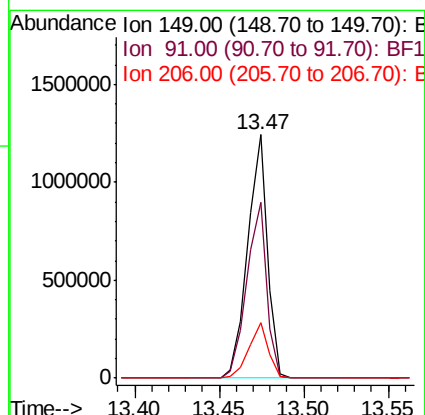
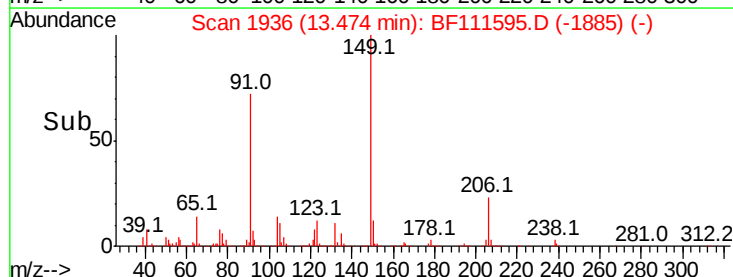
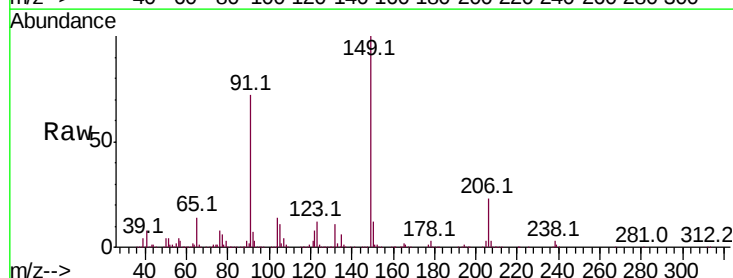
Tgt Ion:149 Resp: 1021014

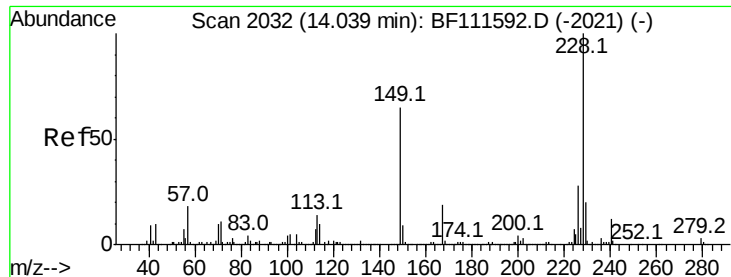
Ion Ratio Lower Upper

149 100

91 72.1 63.8 95.6

206 22.5 15.1 22.7





#81

Benzo(a)anthracene

Concen: 76.713 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

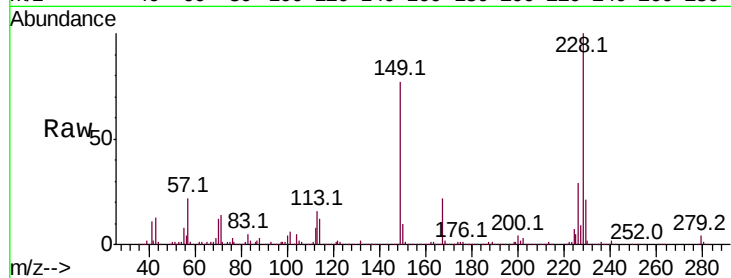
Tot Ion:228 Resp: 1846061

Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

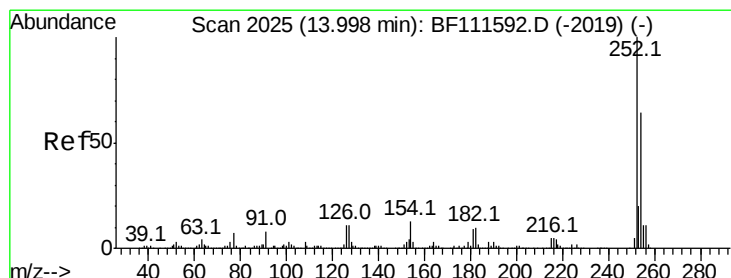
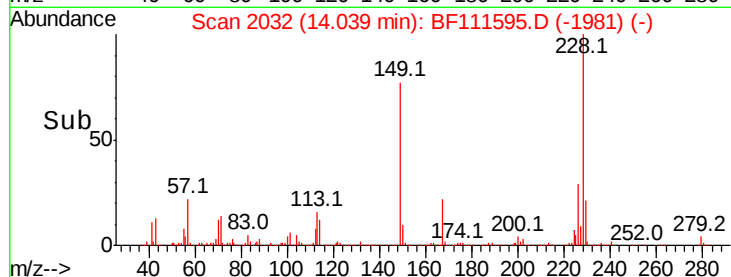
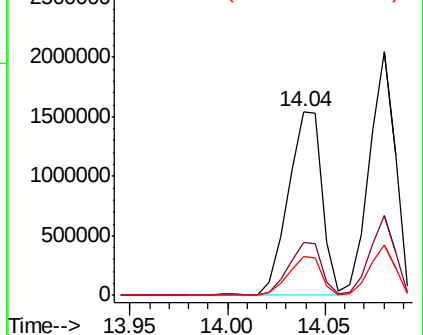
229 20.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 72.900 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

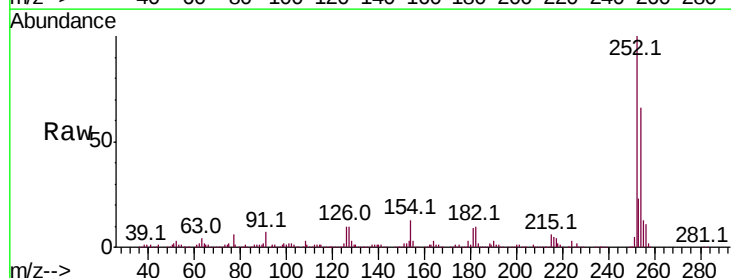
Tgt Ion:252 Resp: 713172

Ion Ratio Lower Upper

252 100

254 65.7 52.7 79.1

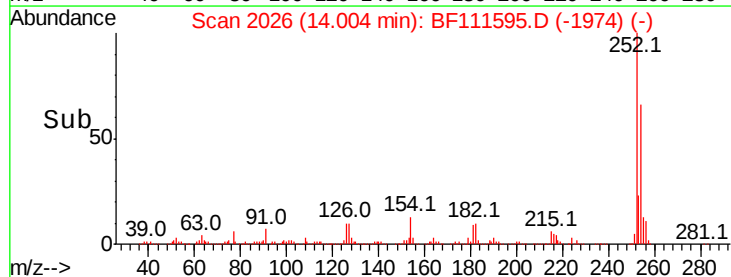
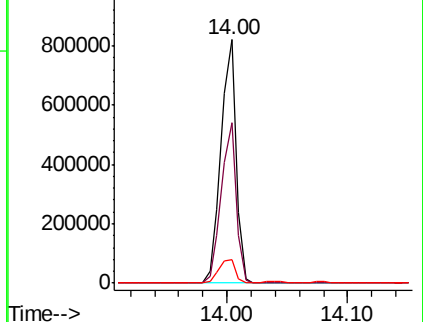
126 9.7 11.1 16.7#

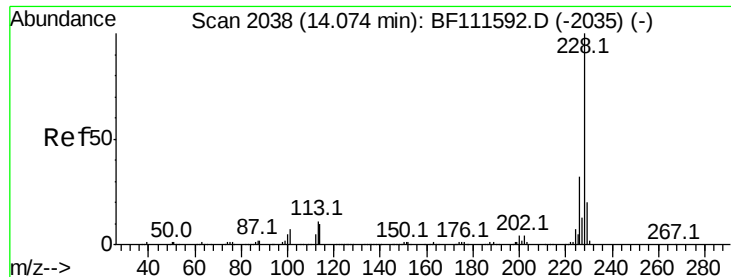


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 73.795 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

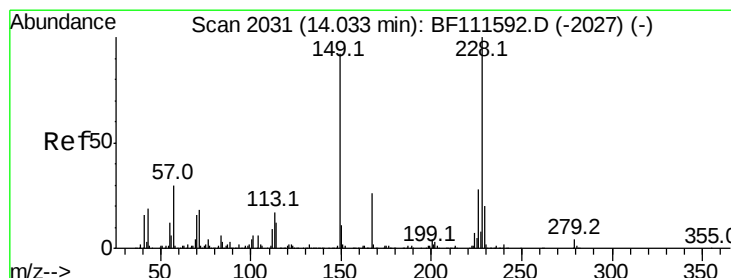
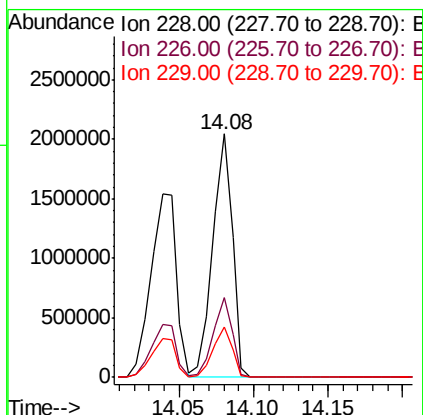
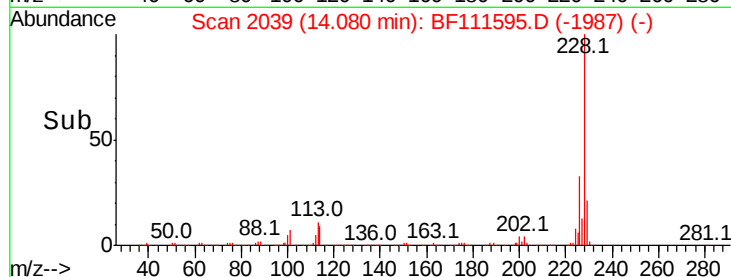
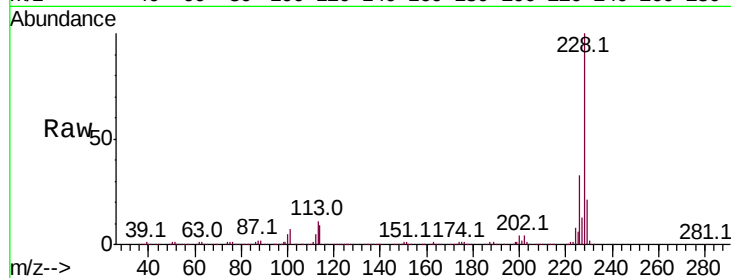
BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:228 Resp: 1870747

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.8  | 25.3  | 37.9  |
| 229 | 20.6  | 17.2  | 25.8  |



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.690 ng

RT: 14.03 min Scan# 2031

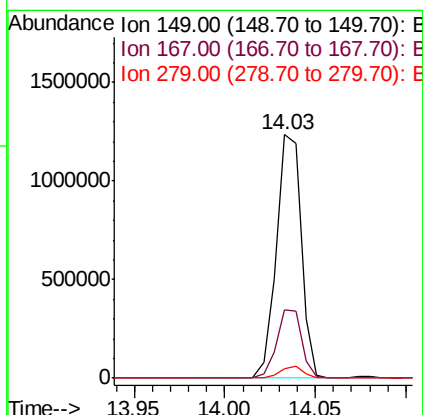
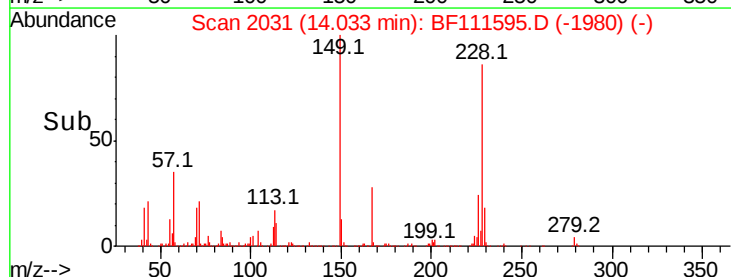
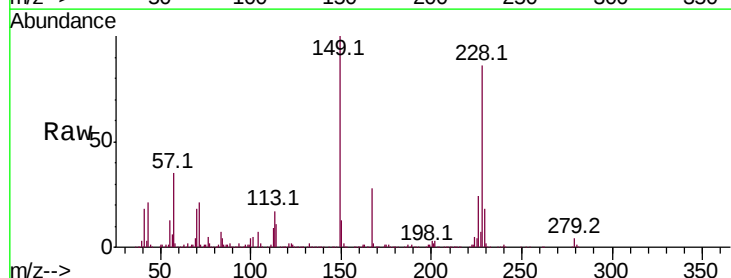
Delta R.T. -0.00 min

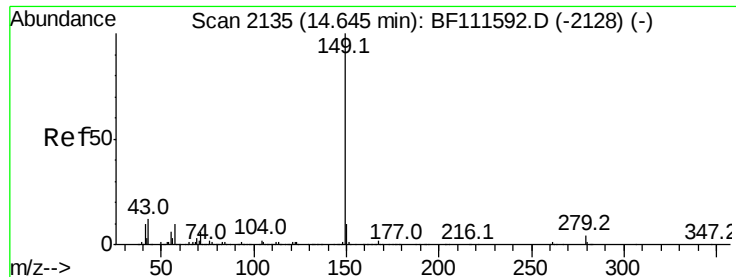
Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Tgt Ion:149 Resp: 1178978

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.8  | 22.5  | 33.7  |
| 279 | 3.9   | 2.6   | 4.0   |





#85

Di-n-octyl phthalate

Concen: 57.305 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

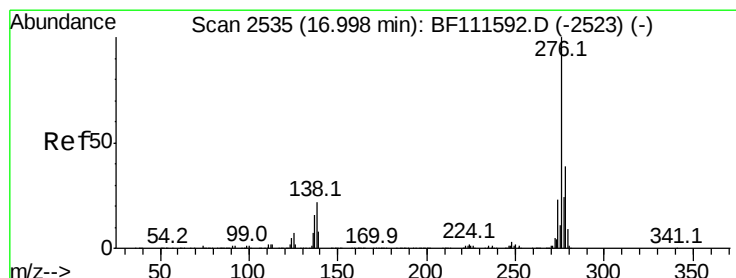
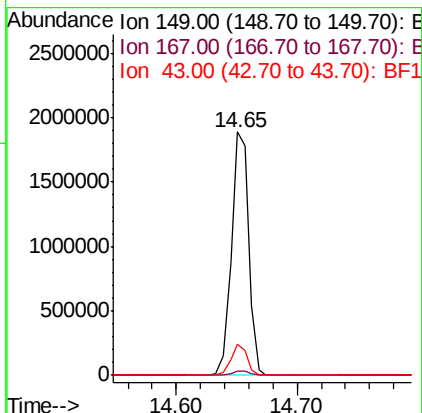
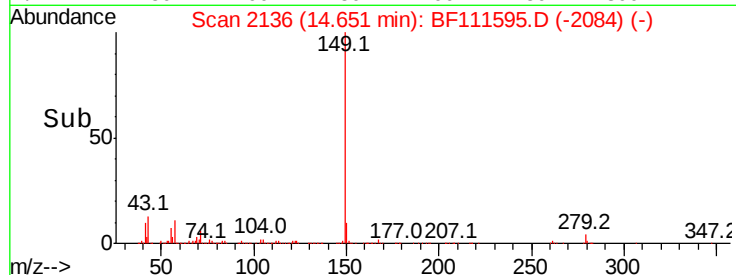
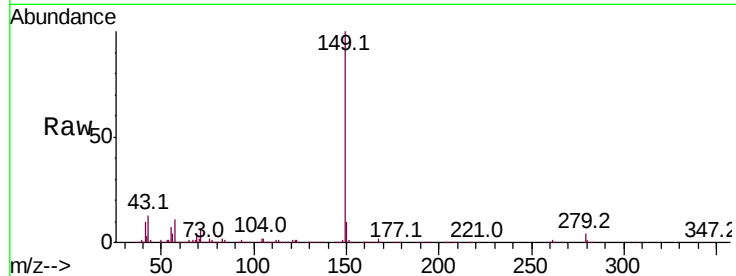
Tot Ion:149 Resp: 1877731

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.9 10.9 16.3



#86

Indeno(1,2,3-cd)pyrene

Concen: 110.008 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.02 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

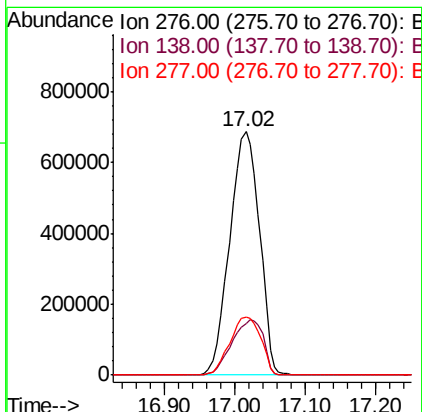
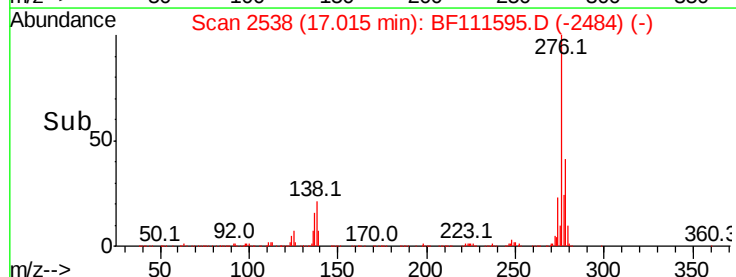
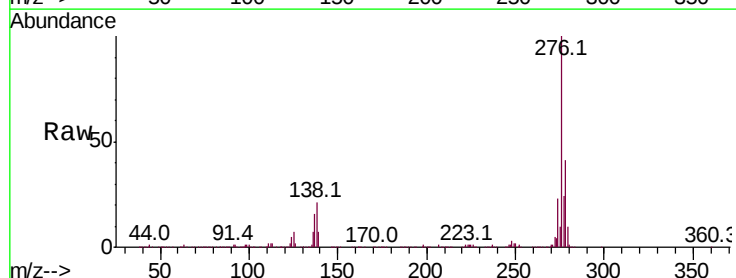
Tgt Ion:276 Resp: 2012735

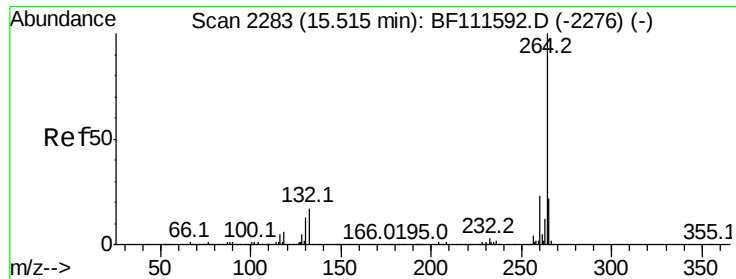
Ion Ratio Lower Upper

276 100

138 24.2 27.8 41.6#

277 25.0 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

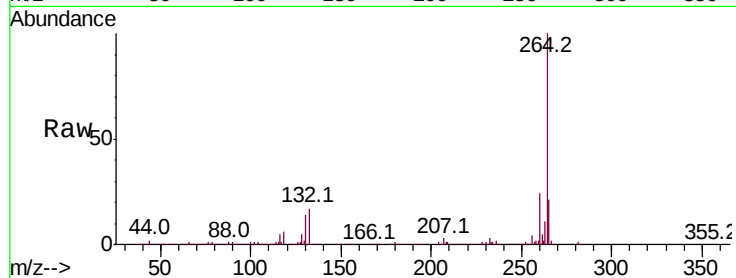
Tot Ion:264 Resp: 407289

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

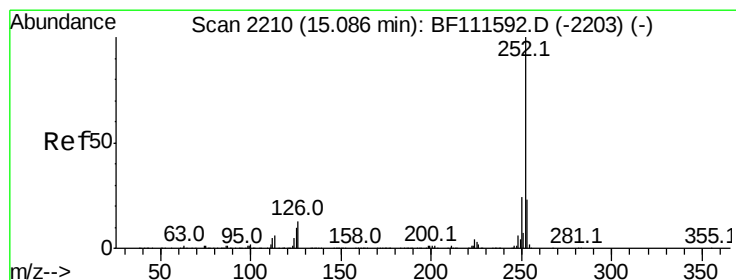
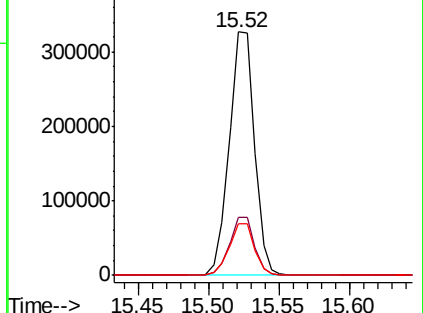
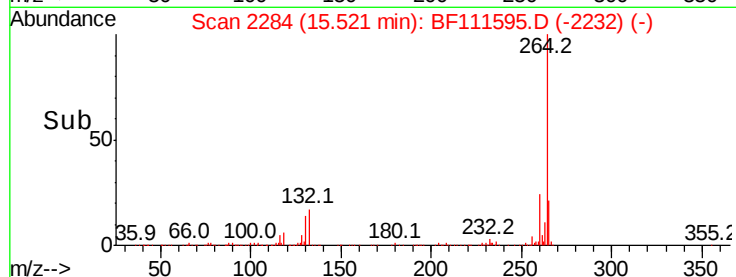
265 21.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 72.168 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.04 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

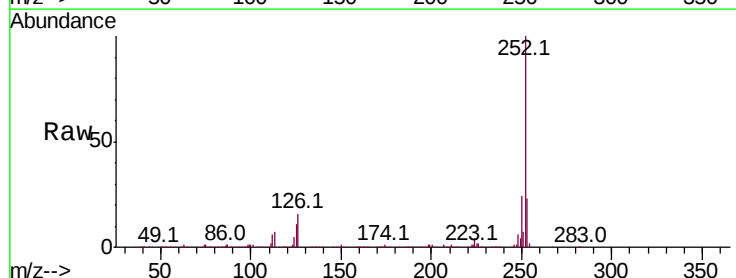
Tgt Ion:252 Resp: 1713670

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

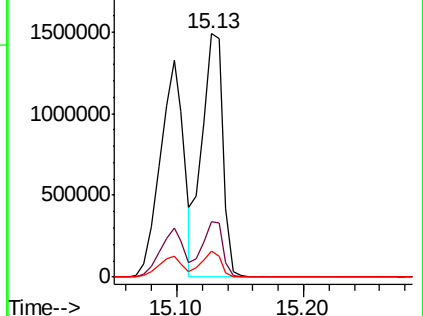
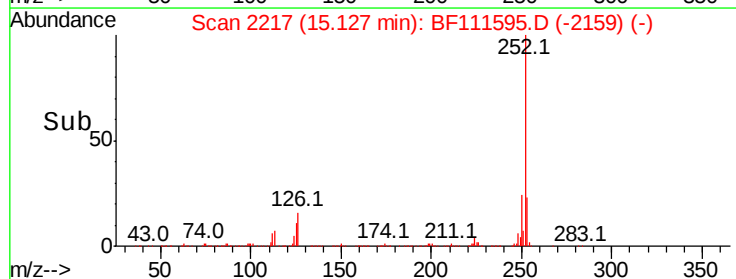
125 10.7 10.4 15.6

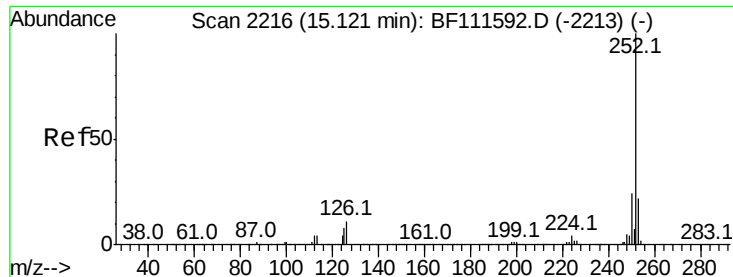


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

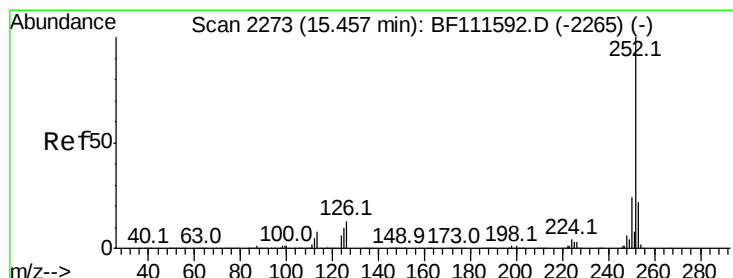
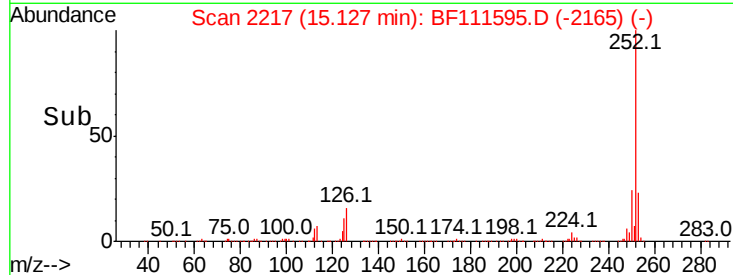
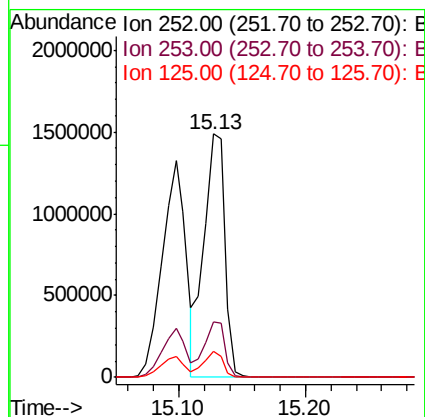
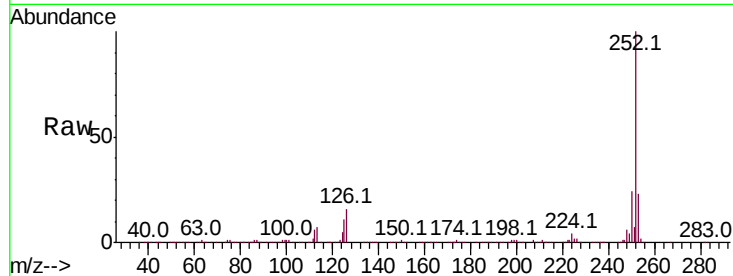




#89  
Benzo(k)fluoranthene  
Concen: 75.528 ng  
RT: 15.13 min Scan# 2217  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

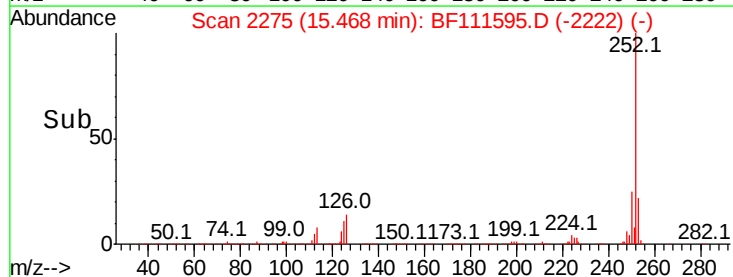
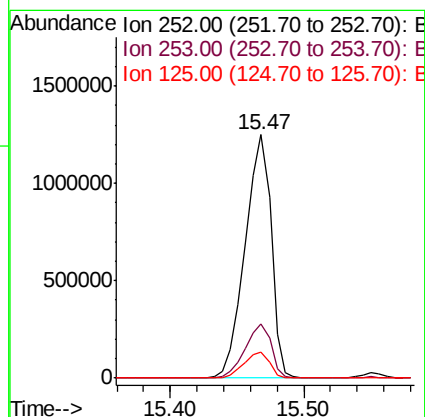
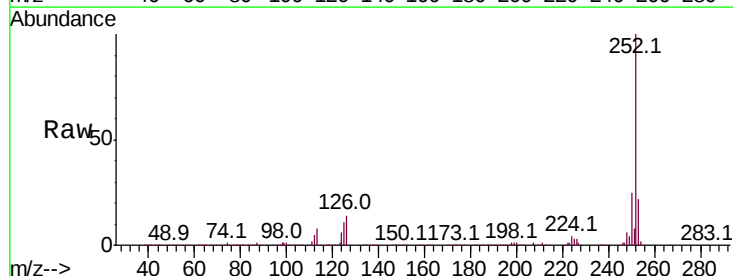
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

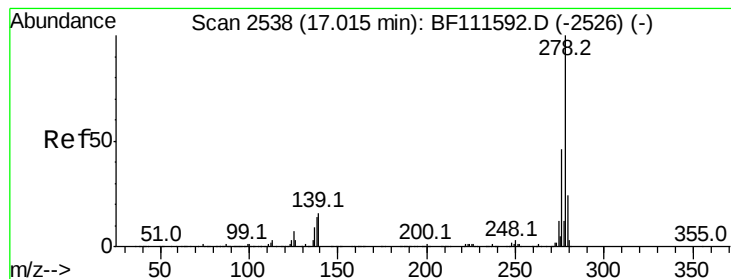
Tot Ion:252 Resp: 1713670  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.1 27.1  
125 10.7 9.8 14.8



#90  
Benzo(a)pyrene  
Concen: 78.588 ng  
RT: 15.47 min Scan# 2275  
Delta R.T. 0.01 min  
Lab File: BF111595.D  
Acq: 19 Dec 2018 17:05

Tgt Ion:252 Resp: 1682799  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.8  
125 10.8 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 98.620 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.02 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

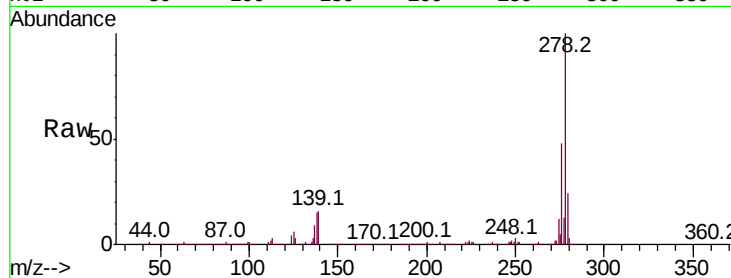
Tot Ion:278 Resp: 1665808

Ion Ratio Lower Upper

278 100

139 16.0 18.2 27.4#

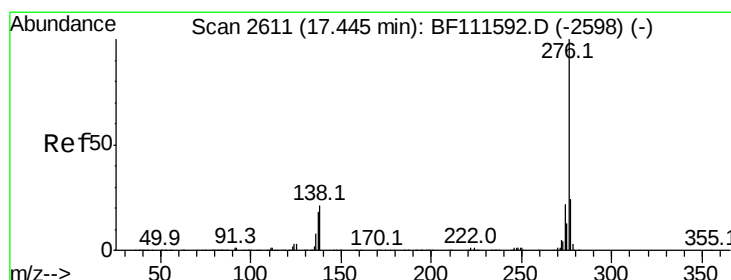
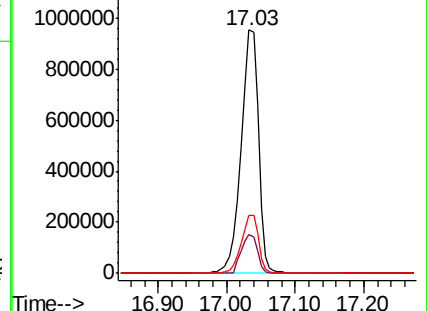
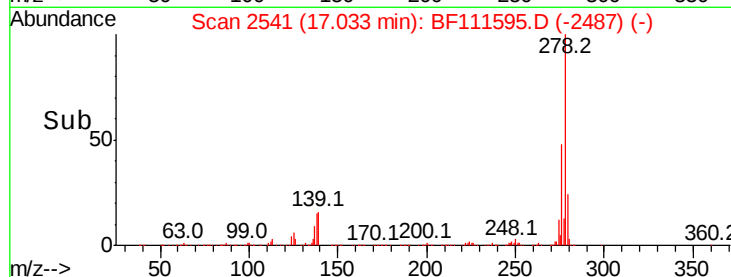
279 23.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 101.579 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.02 min

Lab File: BF111595.D

Acq: 19 Dec 2018 17:05

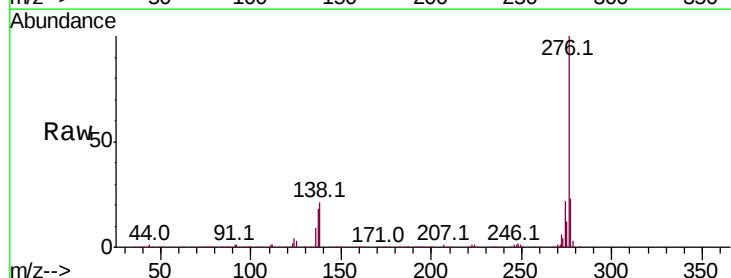
Tgt Ion:276 Resp: 1684196

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 21.2 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

