

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\  
 Data File : BF112234.D  
 Acq On : 25 Jan 2019 15:39  
 Operator : JU/SJ  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Jan 25 16:06:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 25 15:22:29 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 146912   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 539924   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.89  | 164  | 260803   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.37 | 188  | 497294   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.02 | 240  | 356670   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.47 | 264  | 260184   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.48  | 112 | 1221050 | 150.86 | ng | 0.00 |
| 7) Phenol-d6                | 6.51  | 99  | 1523653 | 150.45 | ng | 0.02 |
| 23) Nitrobenzene-d5         | 7.42  | 82  | 1505822 | 192.69 | ng | 0.01 |
| 42) 2,4,6-Tribromophenol    | 10.69 | 330 | 498886  | 177.32 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.21  | 172 | 2776036 | 156.06 | ng | 0.00 |
| 79) Terphenyl-d14           | 12.96 | 244 | 3028476 | 180.63 | ng | 0.00 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.61 | 88  | 259203  | 68.28  | ng | 94   |
| 3) Pyridine                    | 3.37 | 79  | 723852  | 76.13  | ng | 97   |
| 4) n-Nitrosodimethylamine      | 3.34 | 42  | 314669  | 81.51  | ng | # 91 |
| 6) Aniline                     | 6.52 | 93  | 888021  | 72.10  | ng | # 31 |
| 8) 2-Chlorophenol              | 6.65 | 128 | 715396  | 76.10  | ng | 97   |
| 9) Benzaldehyde                | 6.40 | 77  | 303007  | 52.86  | ng | 98   |
| 10) Phenol                     | 6.52 | 94  | 848186  | 76.64  | ng | 99   |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 672821  | 76.46  | ng | 96   |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 818763  | 76.32  | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 821522  | 74.86  | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 768416  | 76.02  | ng | 97   |
| 15) Benzyl Alcohol             | 7.00 | 79  | 613630  | 81.33  | ng | 95   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 774067  | 61.00  | ng | 70   |
| 17) 2-Methylphenol             | 7.12 | 107 | 550917  | 78.04  | ng | # 86 |
| 18) Hexachloroethane           | 7.36 | 117 | 306726  | 83.75  | ng | 95   |
| 19) n-Nitroso-di-n-propylamine | 7.28 | 70  | 508558  | 82.43  | ng | 96   |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 688466  | 80.43  | ng | # 76 |
| 22) Acetophenone               | 7.27 | 105 | 1031572 | 82.47  | ng | 96   |
| 24) Nitrobenzene               | 7.44 | 77  | 745423  | 90.00  | ng | 99   |
| 25) Isophorone                 | 7.68 | 82  | 1191848 | 78.96  | ng | 99   |
| 26) 2-Nitrophenol              | 7.75 | 139 | 409189  | 104.65 | ng | # 90 |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 544729  | 77.74  | ng | 95   |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93  | 795886  | 76.87  | ng | 99   |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 610927  | 79.82  | ng | 95   |
| 30) 1,2,4-Trichlorobenzene     | 8.07 | 180 | 687952  | 77.45  | ng | 98   |
| 31) Naphthalene                | 8.16 | 128 | 1922558 | 78.29  | ng | 99   |
| 32) Benzoic acid               | 7.97 | 122 | 364809  | 126.56 | ng | 93   |
| 33) 4-Chloroaniline            | 8.20 | 127 | 838810  | 76.00  | ng | 97   |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 411101  | 83.16  | ng | 99   |
| 35) Caprolactam                | 8.62 | 113 | 207418  | 77.43  | ng | 95   |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 639210  | 85.50  | ng | 94   |
| 37) 2-Methylnaphthalene        | 8.85 | 142 | 1323077 | 79.34  | ng | # 96 |
| 38) 1-Methylnaphthalene        | 8.95 | 142 | 1258742 | 78.54  | ng | 97   |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.02 | 216 | 659017  | 78.69  | ng | 98   |

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 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

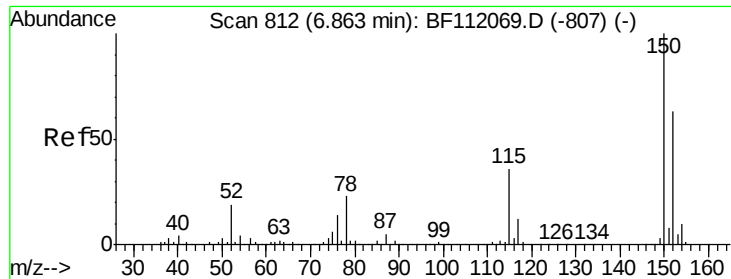
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Quant Time: Jan 25 16:06:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 25 15:22:29 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.00  | 237  | 268711   | 97.91  | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.13  | 196  | 422734   | 84.38  | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.18  | 196  | 439006   | 82.27  | nq    | 95       |
| 46) 1,1'-Biphenyl              | 9.32  | 154  | 1741005  | 79.83  | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.34  | 162  | 1361037  | 79.73  | nq    | 94       |
| 48) 2-Nitroaniline             | 9.43  | 65   | 393039   | 102.22 | nq    | 87       |
| 49) Acenaphthylene             | 9.76  | 152  | 1961218  | 78.73  | nq    | 99       |
| 50) Dimethylphthalate          | 9.62  | 163  | 1586057  | 83.39  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.68  | 165  | 352722   | 92.86  | nq    | # 85     |
| 52) Acenaphthene               | 9.93  | 154  | 1190859  | 78.13  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.85  | 138  | 387016   | 91.12  | nq    | 87       |
| 54) 2,4-Dinitrophenol          | 9.96  | 184  | 139701   | 172.56 | nq    | 93       |
| 55) Dibenzofuran               | 10.10 | 168  | 1782568  | 77.34  | nq    | 92       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 225450   | 85.40  | nq    | 88       |
| 57) 2,4-Dinitrotoluene         | 10.09 | 165  | 459652   | 101.55 | nq    | # 75     |
| 58) Fluorene                   | 10.44 | 166  | 1363036  | 79.15  | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 315071   | 78.25  | nq    | 96       |
| 60) Diethylphthalate           | 10.31 | 149  | 1576296  | 84.90  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.43 | 204  | 732238   | 78.80  | nq    | # 89     |
| 62) 4-Nitroaniline             | 10.47 | 138  | 380557   | 90.23  | nq    | 90       |
| 63) Azobenzene                 | 10.59 | 77   | 1439047  | 80.94  | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.50 | 198  | 241904   | 137.19 | nq    | 87       |
| 66) n-Nitrosodiphenylamine     | 10.55 | 169  | 1309528  | 79.65  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.92 | 248  | 463083   | 80.17  | nq    | 93       |
| 68) Hexachlorobenzene          | 10.99 | 284  | 496441   | 79.78  | nq    | 93       |
| 69) Atrazine                   | 11.07 | 200  | 356636   | 67.23  | nq    | 95       |
| 70) Pentachlorophenol          | 11.19 | 266  | 230388   | 89.54  | nq    | 100      |
| 71) Phenanthrene               | 11.40 | 178  | 1955413  | 78.13  | nq    | 99       |
| 72) Anthracene                 | 11.46 | 178  | 1975918  | 77.94  | nq    | 99       |
| 73) Carbazole                  | 11.61 | 167  | 1904360  | 74.99  | nq    | 97       |
| 74) Di-n-butylphthalate        | 11.93 | 149  | 2374401  | 83.12  | nq    | 99       |
| 75) Fluoranthene               | 12.59 | 202  | 1970944  | 74.59  | nq    | 98       |
| 77) Benzidine                  | 12.70 | 184  | 624793   | 52.50  | nq    | 96       |
| 78) Pyrene                     | 12.82 | 202  | 2032983  | 86.39  | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.42 | 149  | 992851   | 96.17  | nq    | 90       |
| 81) Benzo(a)anthracene         | 14.00 | 228  | 1619735  | 79.20  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.96 | 252  | 521485   | 68.09  | nq    | 99       |
| 83) Chrysene                   | 14.04 | 228  | 1525388  | 78.83  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.98 | 149  | 1378332  | 93.16  | nq    | 98       |
| 85) Di-n-octyl phthalate       | 14.59 | 149  | 1997217  | 87.61  | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.97 | 276  | 1163773  | 65.19  | nq    | 96       |
| 88) Benzo(b)fluoranthene       | 15.06 | 252  | 1308963  | 88.63  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.09 | 252  | 1147822  | 80.30  | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.42 | 252  | 1101845  | 81.35  | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.98 | 278  | 971845   | 80.79  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.42 | 276  | 953120   | 80.42  | nq    | 95       |

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

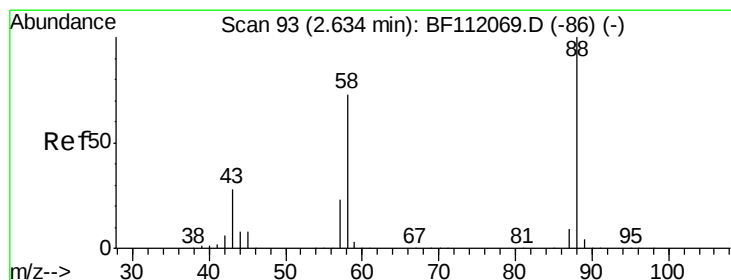
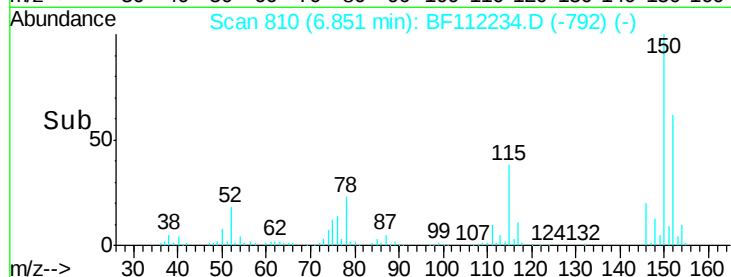
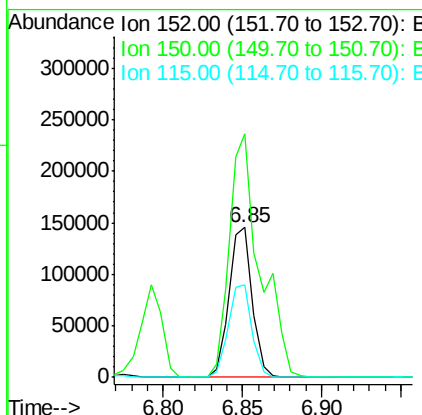
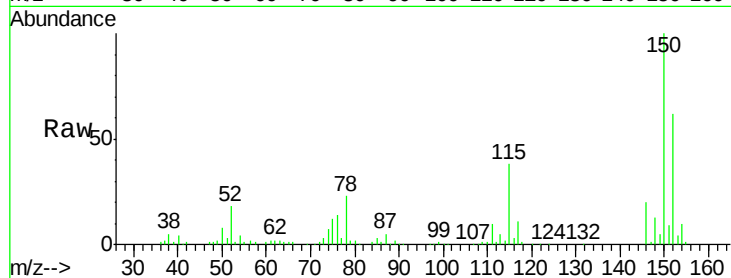




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.85 min Scan# 810  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

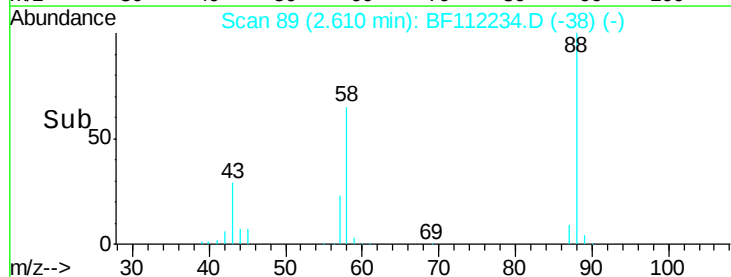
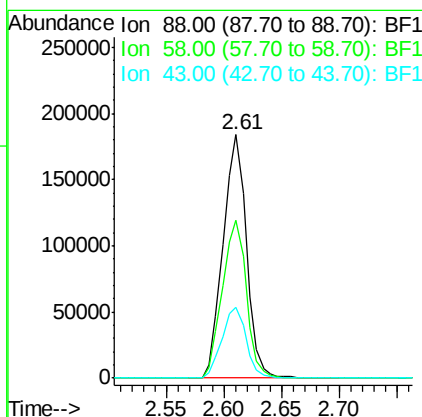
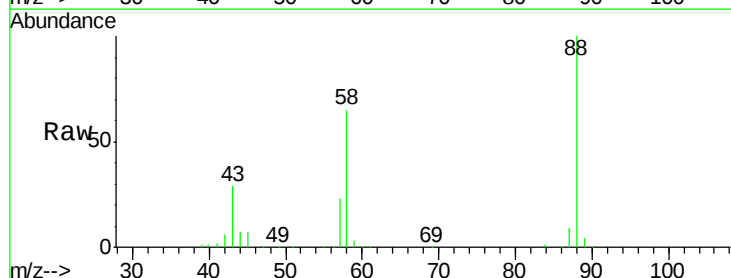
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

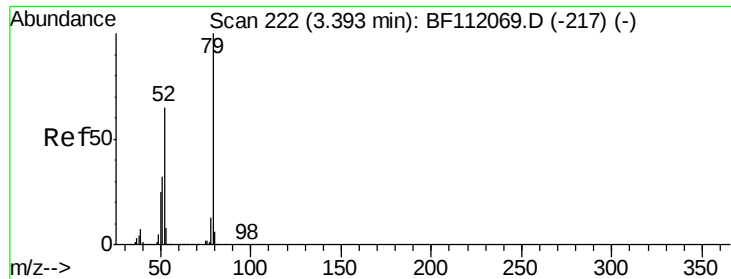
Tot Ion:152 Resp: 146912  
 Ion Ratio Lower Upper  
 152 100  
 150 162.3 127.4 191.0  
 115 61.9 45.5 68.3



#2  
 1,4-Dioxane  
 Concen: 68.28 ng  
 RT: 2.61 min Scan# 89  
 Delta R.T. 0.00 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

Tgt Ion: 88 Resp: 259203  
 Ion Ratio Lower Upper  
 88 100  
 58 66.5 57.4 86.2  
 43 30.4 22.2 33.4





#3

Pvridine

Concen: 76.13 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

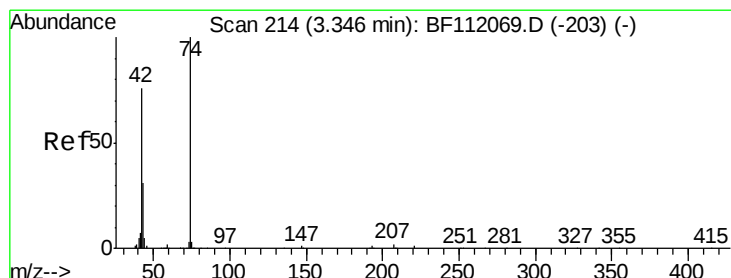
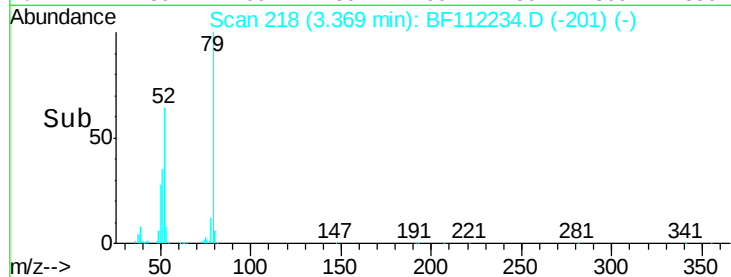
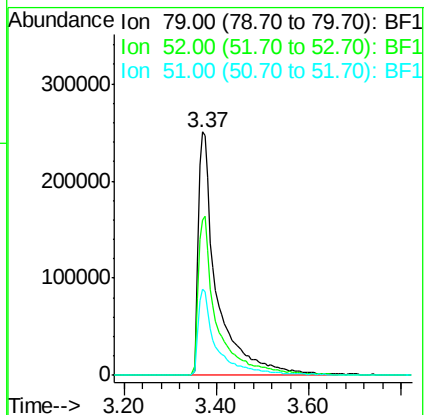
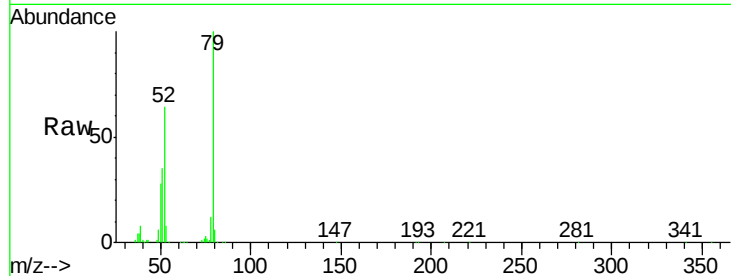
Tot Ion: 79 Resp: 723852

Ion Ratio Lower Upper

79 100

52 63.8 52.4 78.6

51 35.3 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 81.51 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.02 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

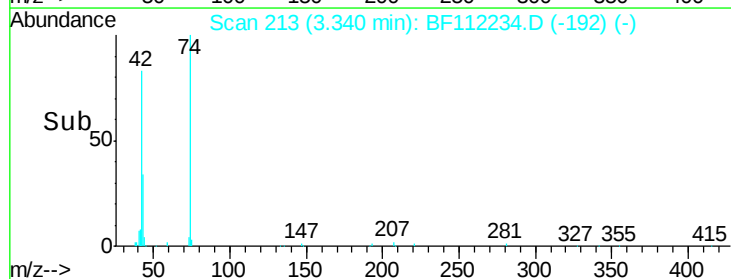
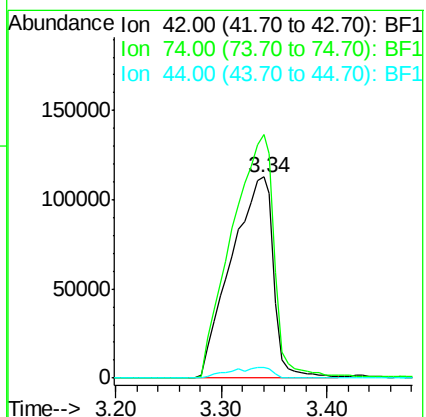
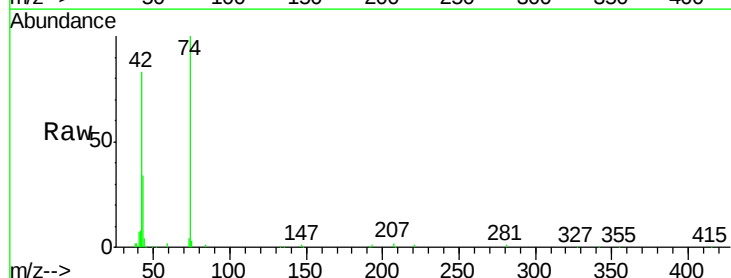
Tgt Ion: 42 Resp: 314669

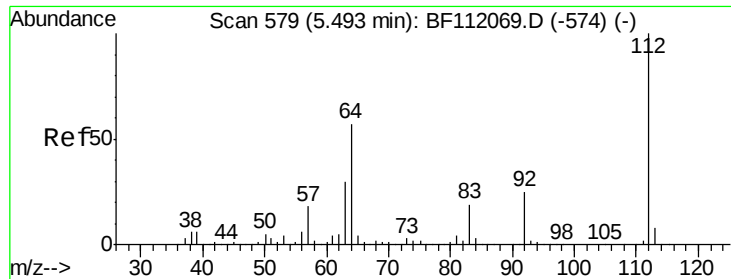
Ion Ratio Lower Upper

42 100

74 120.9 105.6 158.4

44 5.4 5.4 8.2#





#5

2-Fluorophenol

Concen: 150.86 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

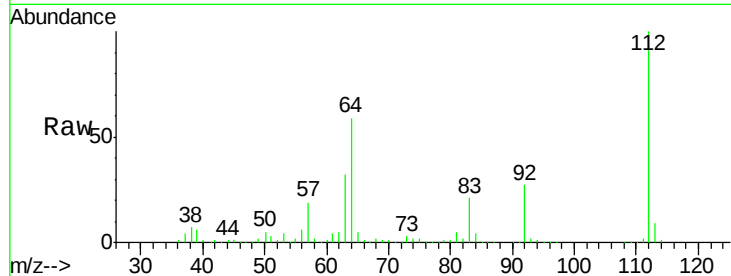
Tot Ion:112 Resp: 1221050

Ion Ratio Lower Upper

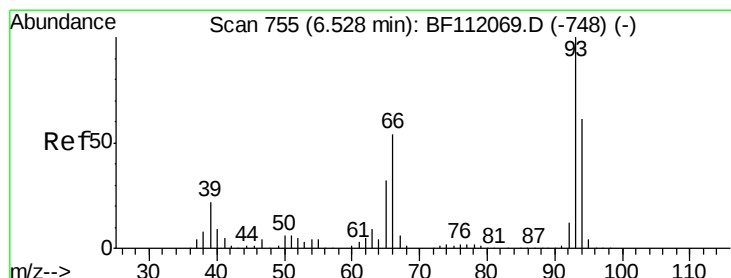
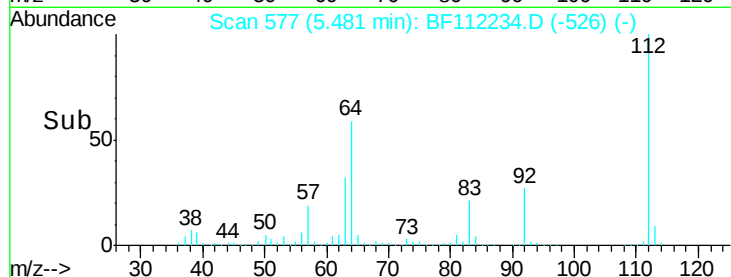
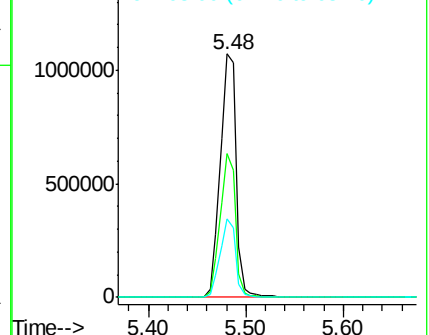
112 100

64 59.2 45.7 68.5

63 32.3 23.6 35.4



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: 72.10 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

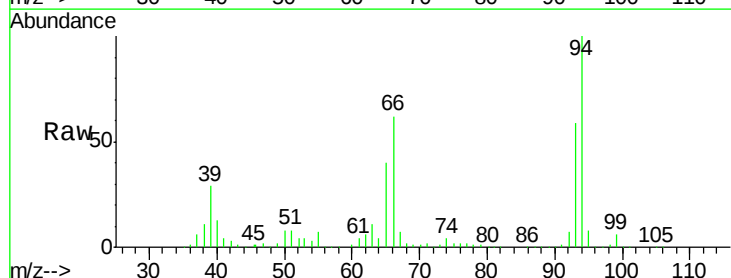
Tgt Ion: 93 Resp: 888021

Ion Ratio Lower Upper

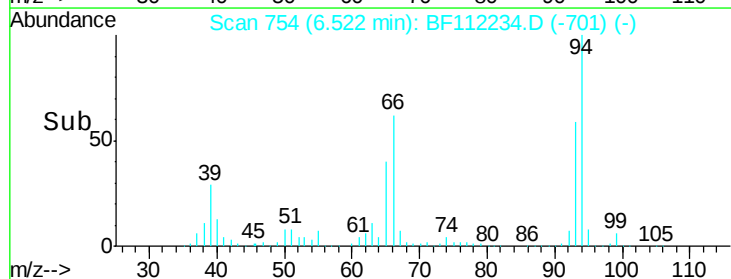
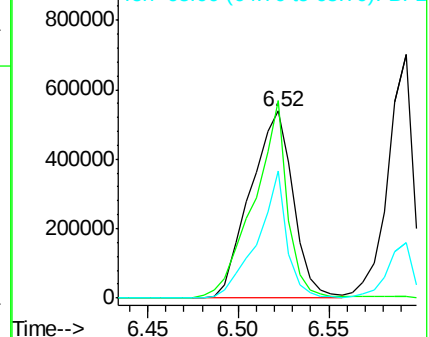
93 100

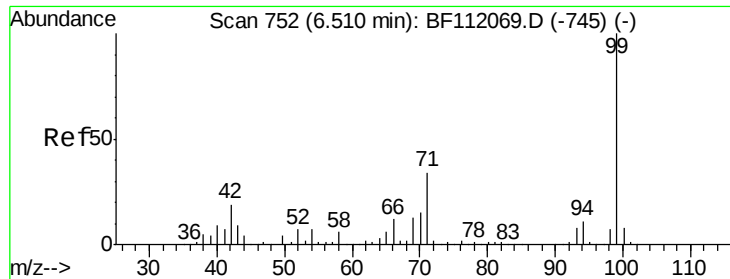
66 105.8 43.4 65.2#

65 67.8 25.3 37.9#



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: 150.45 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

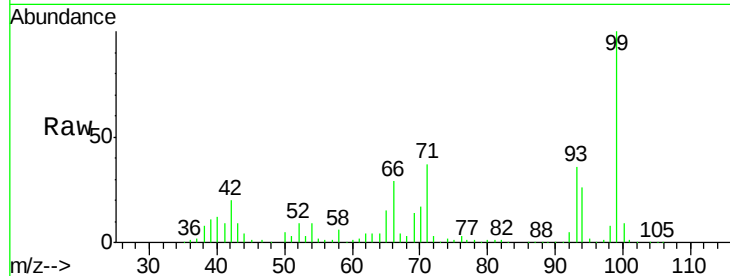
Tot Ion: 99 Resp: 1523653

Ion Ratio Lower Upper

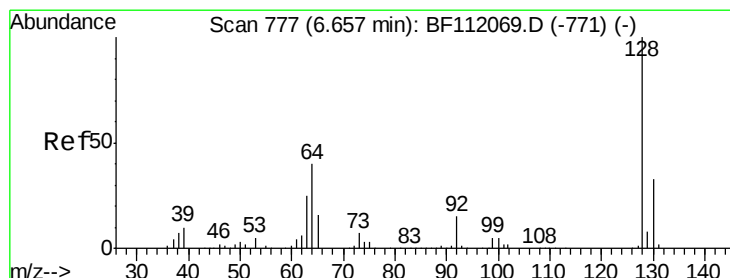
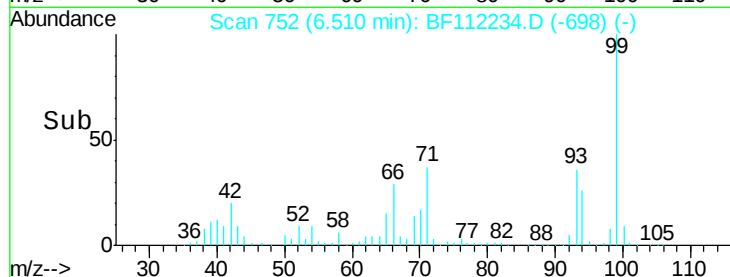
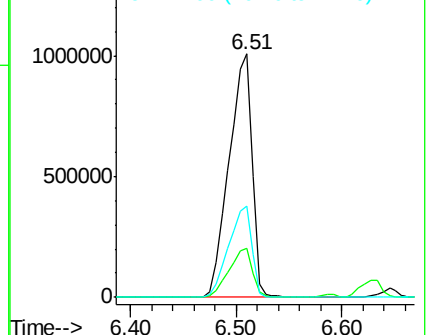
99 100

42 20.1 15.1 22.7

71 37.5 26.9 40.3



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: 76.10 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

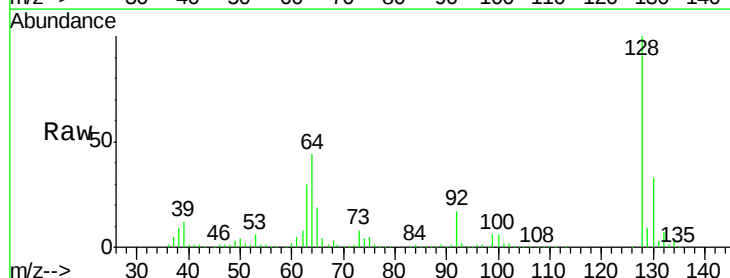
Tgt Ion:128 Resp: 715396

Ion Ratio Lower Upper

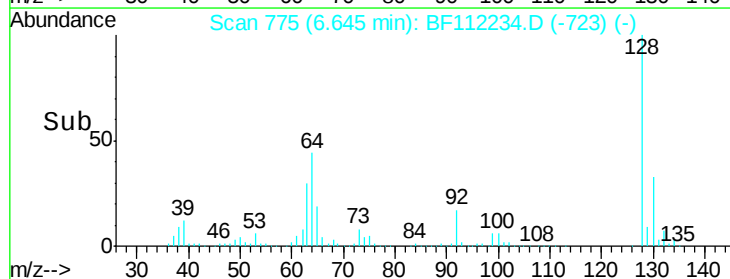
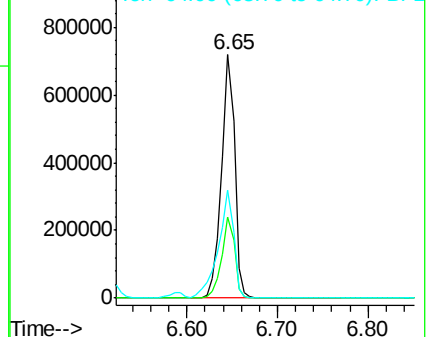
128 100

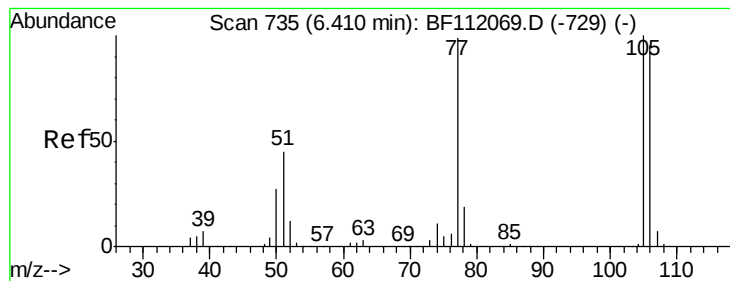
130 33.1 13.4 53.4

64 44.2 20.5 60.5



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: 52.86 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

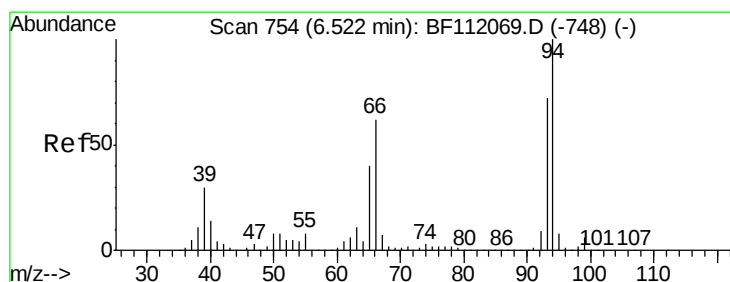
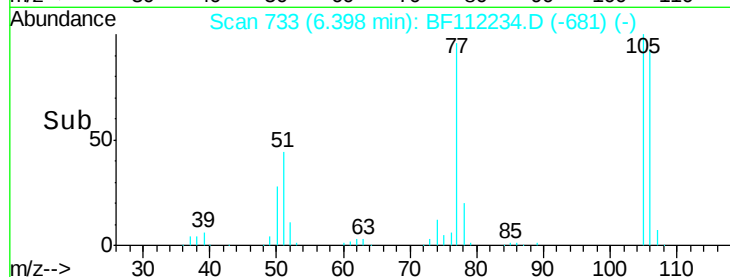
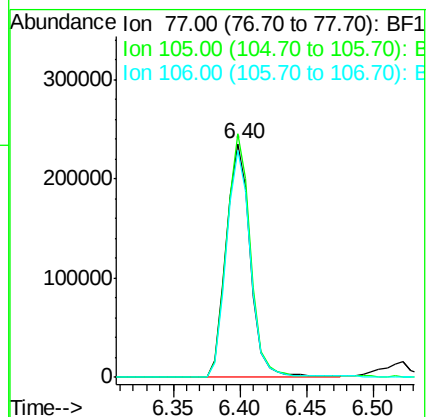
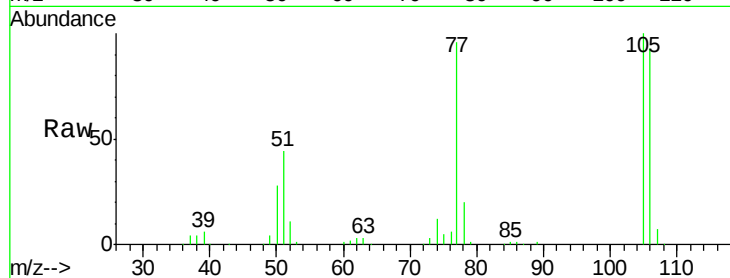
Tot Ion: 77 Resp: 303007

Ion Ratio Lower Upper

77 100

105 104.1 80.8 120.8

106 97.0 75.7 115.7



#10

Phenol

Concen: 76.64 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

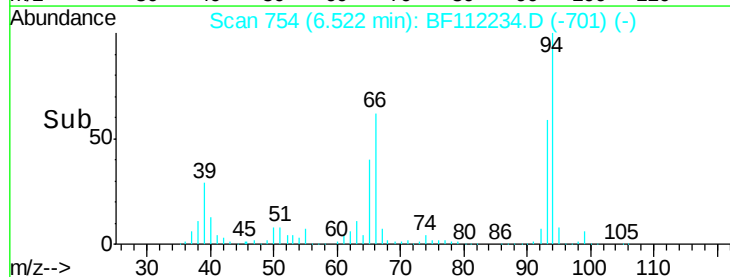
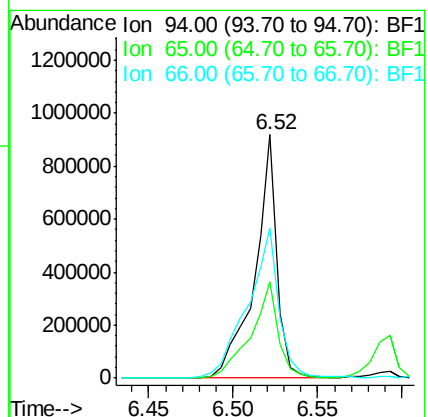
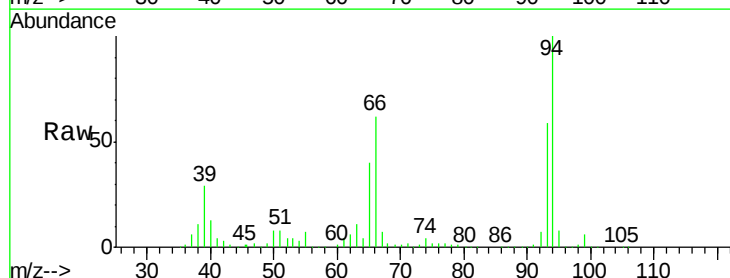
Tgt Ion: 94 Resp: 848186

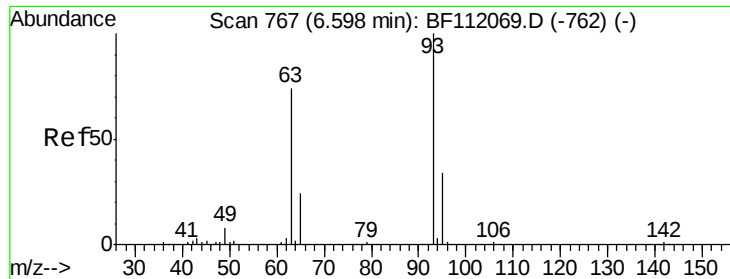
Ion Ratio Lower Upper

94 100

65 39.7 20.3 60.3

66 61.9 42.4 82.4

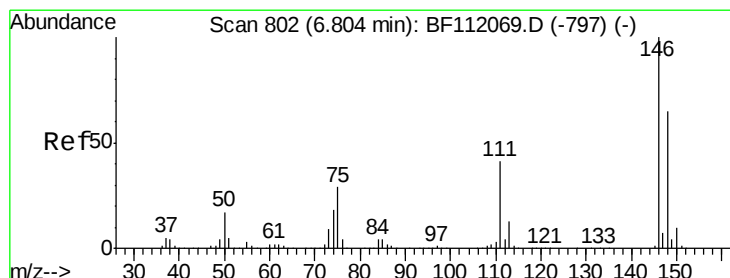
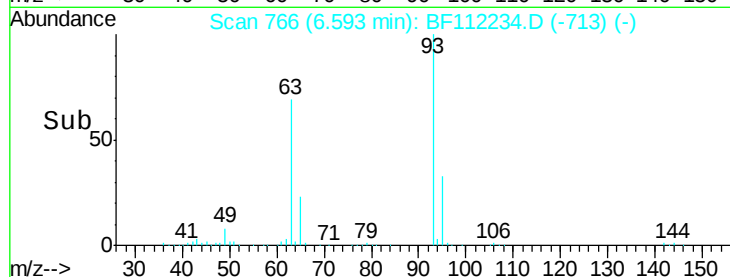
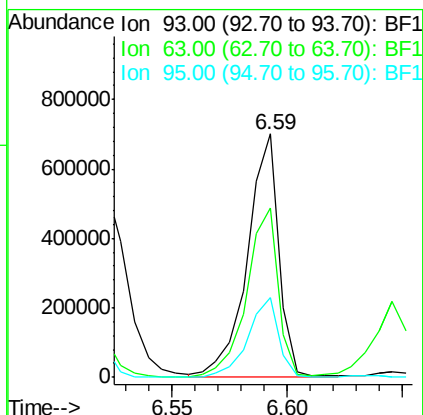
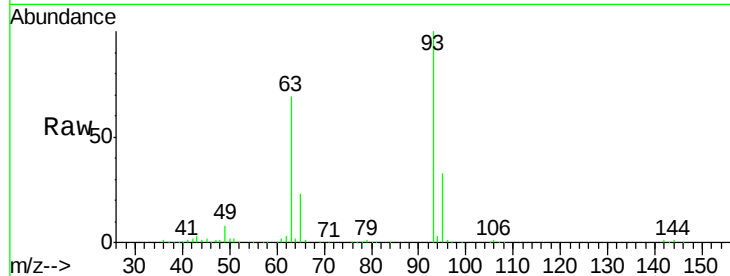




#11  
bis(2-Chloroethyl)ether  
Concen: 76.46 ng  
RT: 6.59 min Scan# 766  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

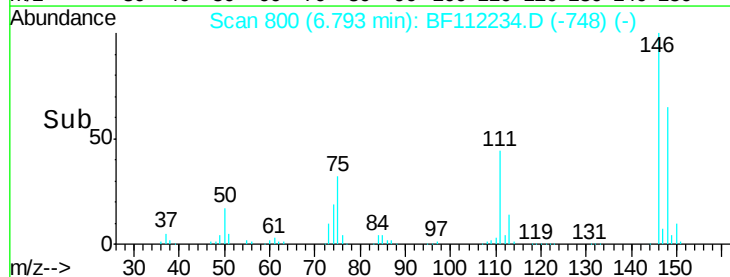
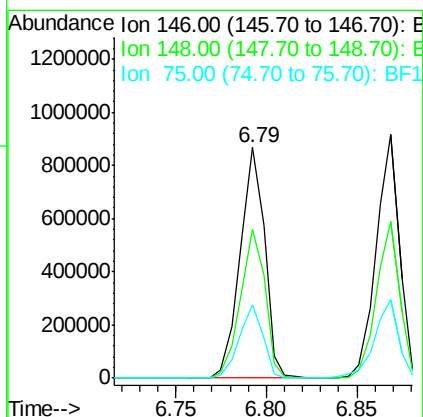
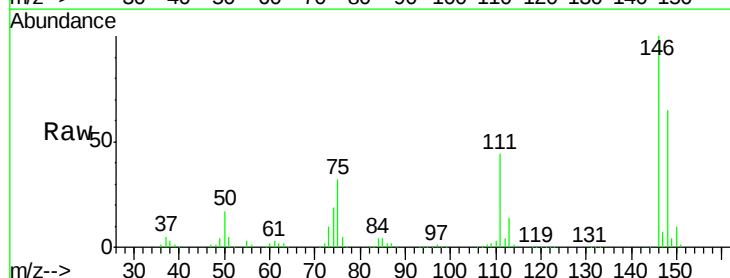
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

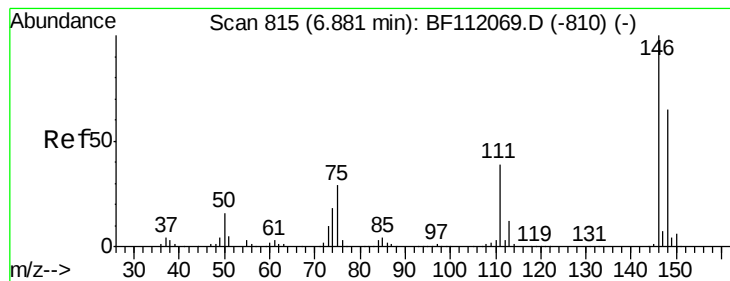
Tot Ion: 93 Resp: 672821  
Ion Ratio Lower Upper  
93 100  
63 69.4 53.3 93.3  
95 32.6 13.4 53.4



#12  
1,3-Dichlorobenzene  
Concen: 76.32 ng  
RT: 6.79 min Scan# 800  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Tgt Ion: 146 Resp: 818763  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.8 77.8  
75 32.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 74.86 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

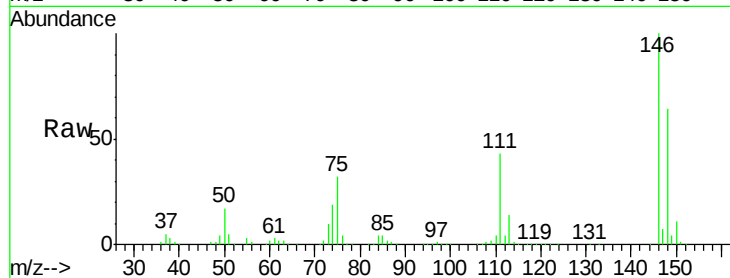
Tot Ion:146 Resp: 821522

Ion Ratio Lower Upper

146 100

148 64.5 52.0 78.0

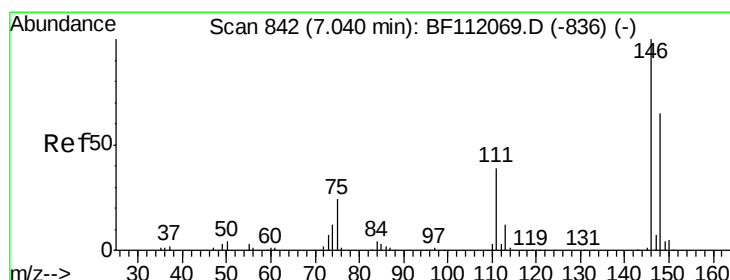
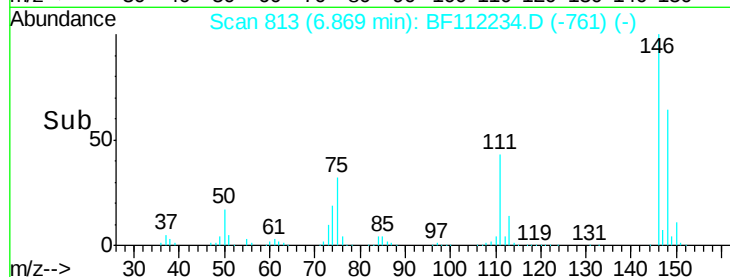
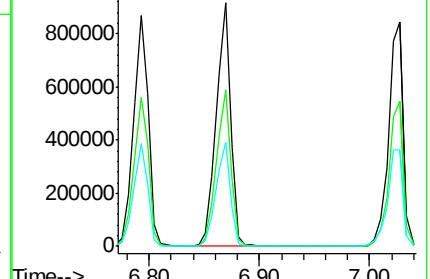
111 42.9 31.2 46.8



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: 76.02 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

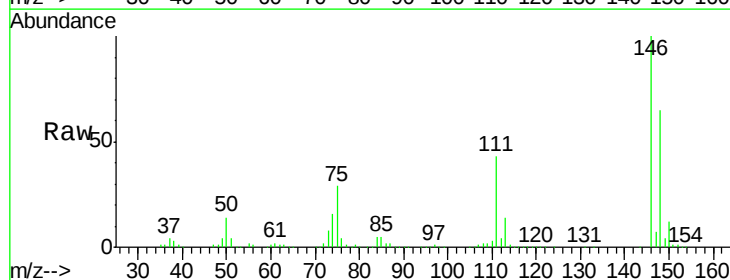
Tgt Ion:146 Resp: 768416

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.4

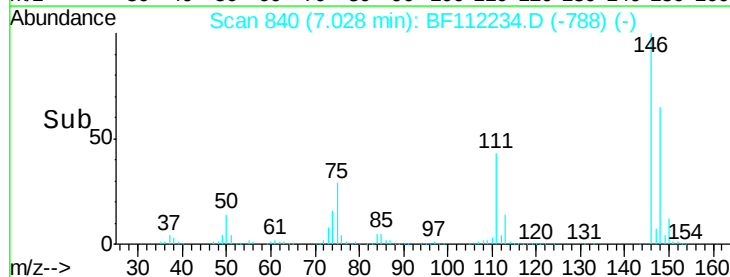
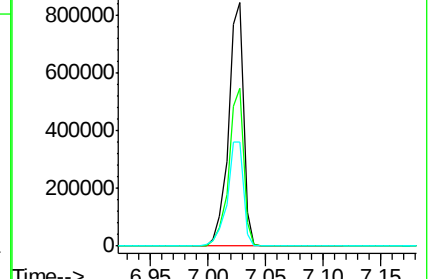
111 42.7 31.2 46.8

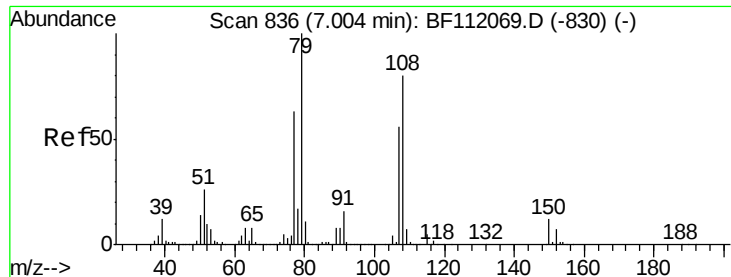


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 81.33 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

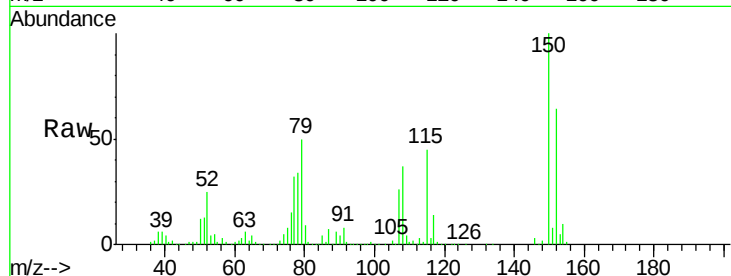
Tot Ion: 79 Resp: 613630

Ion Ratio Lower Upper

79 100

108 74.5 64.2 96.2

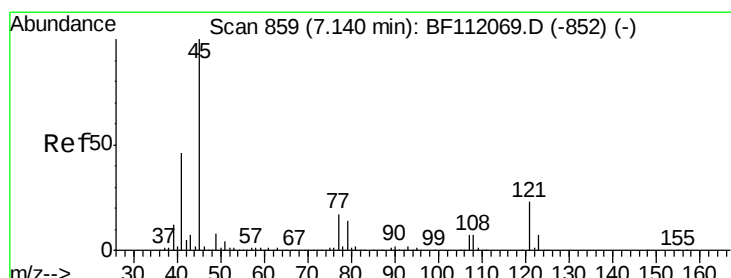
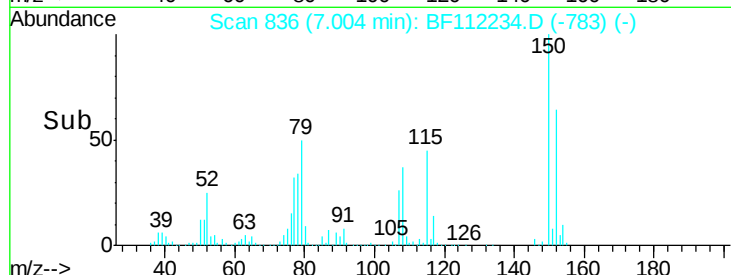
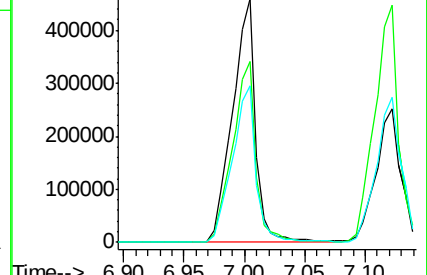
77 64.5 50.3 75.5



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: 61.00 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

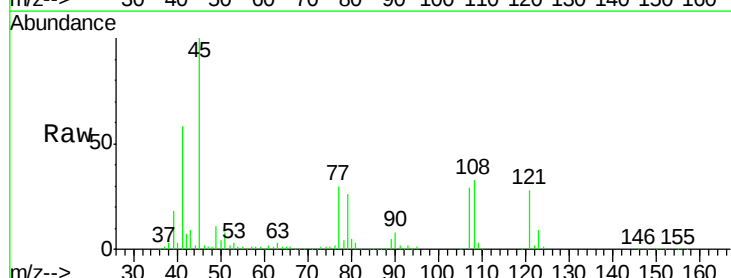
Tgt Ion: 45 Resp: 774067

Ion Ratio Lower Upper

45 100

77 30.2 0.0 36.9

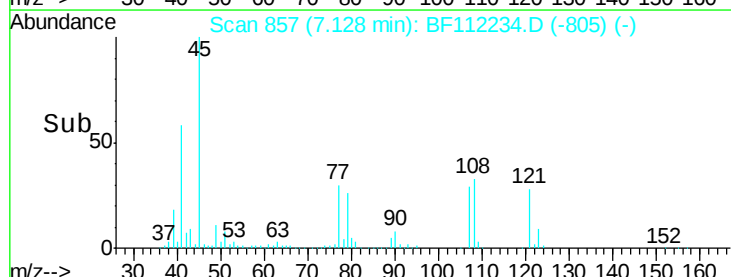
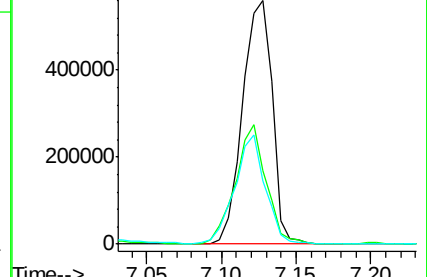
79 25.9 0.0 34.0

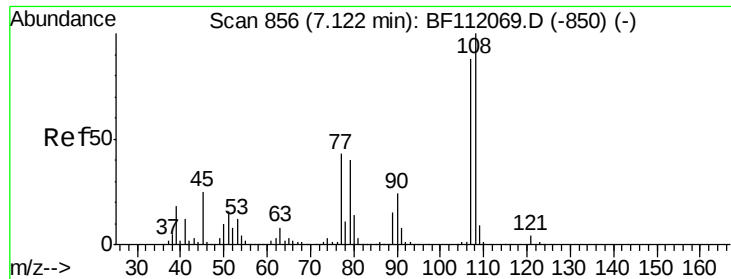


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

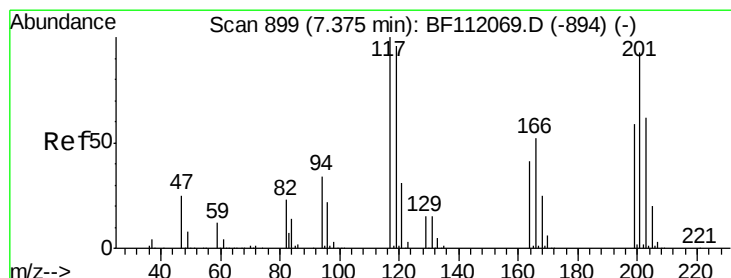
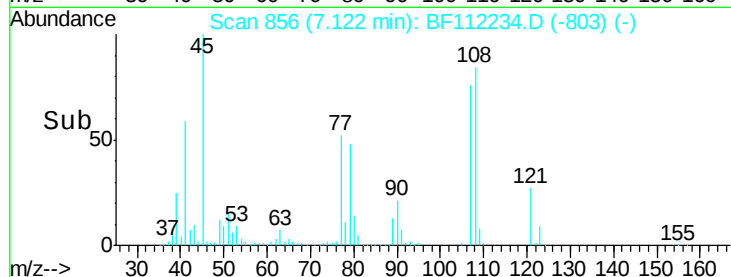
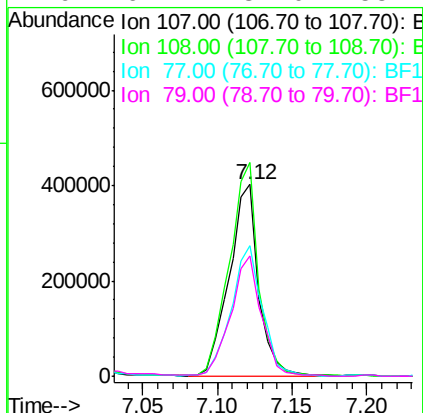
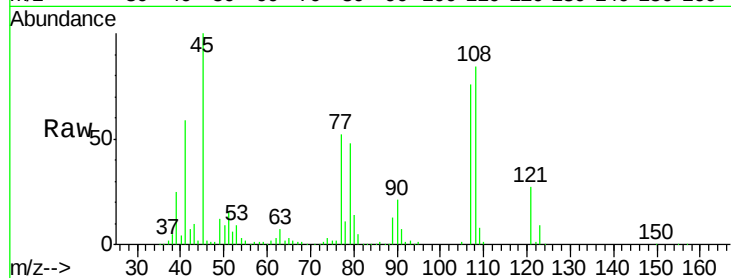




#17  
2-Methylphenol  
Concen: 78.04 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

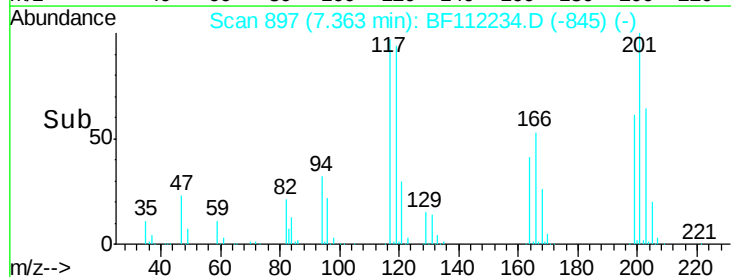
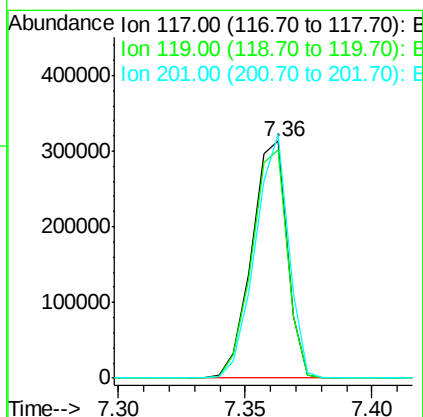
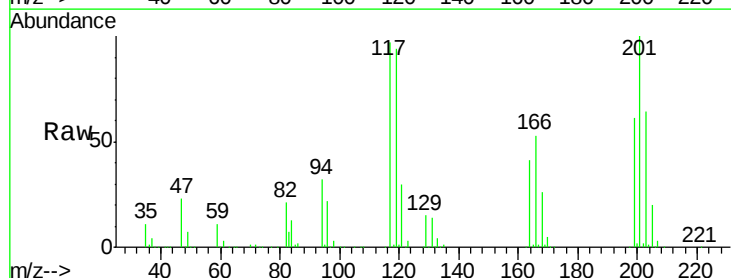
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

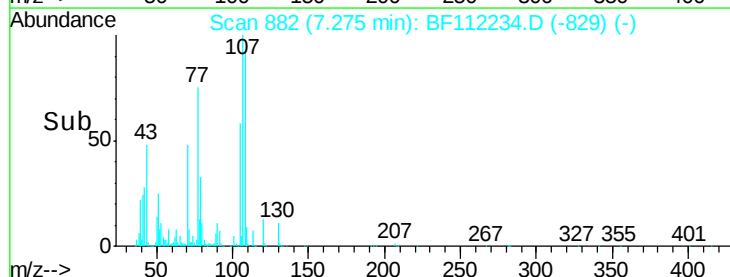
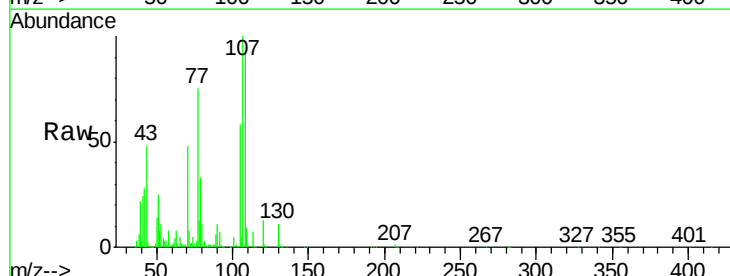
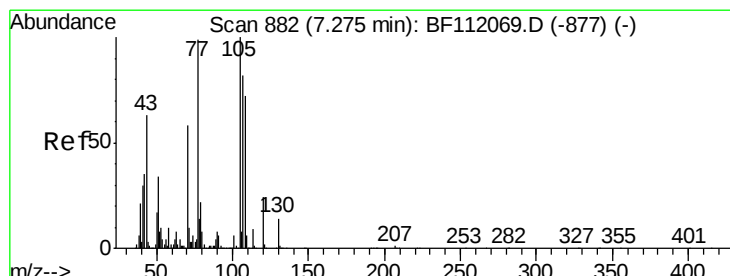
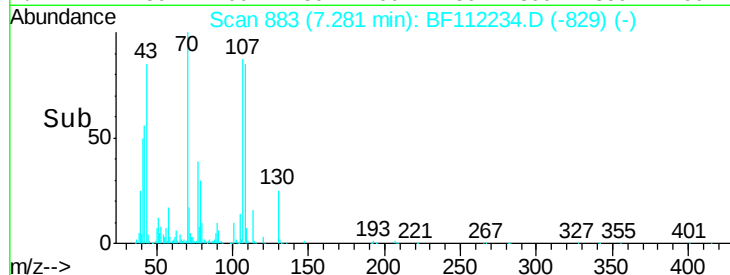
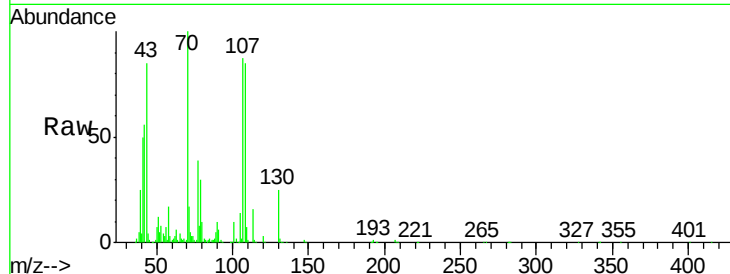
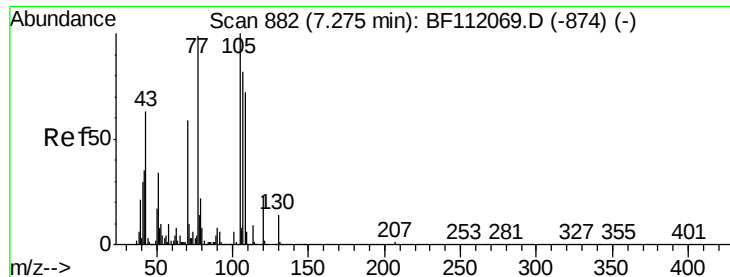
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.3 | 91.3  | 136.9 |
| 77      | 68.2  | 39.0  | 58.6  |
| 79      | 62.7  | 37.0  | 55.4  |



#18  
Hexachloroethane  
Concen: 83.75 ng  
RT: 7.36 min Scan# 897  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.1  | 77.0  | 115.4 |
| 201     | 102.7 | 74.1  | 111.1 |

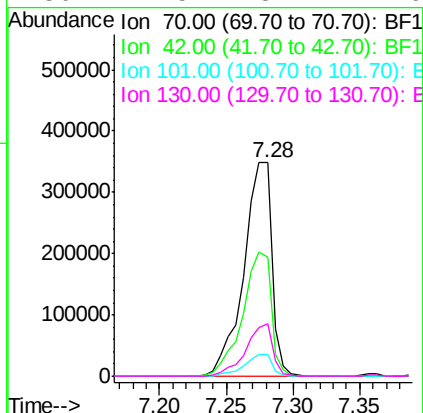




#19  
n-Nitroso-di-n-propylamine  
Concen: 82.43 ng  
RT: 7.28 min Scan# 883  
Delta R.T. 0.02 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

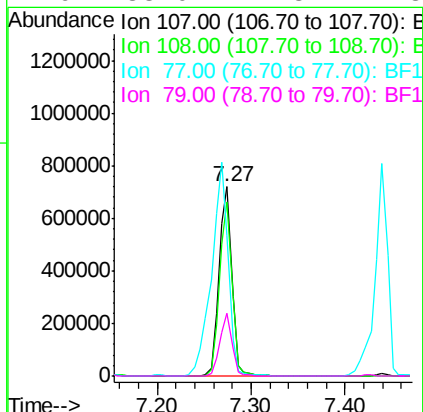
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

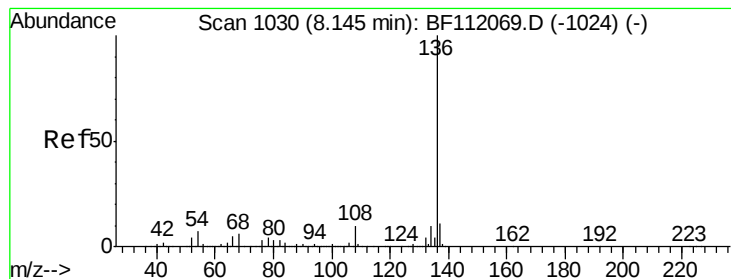
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 55.8  | 47.6  | 71.4  |
| 101     | 10.4  | 7.9   | 11.9  |
| 130     | 24.5  | 18.4  | 27.6  |



#20  
3+4-Methylphenols  
Concen: 80.43 ng  
RT: 7.27 min Scan# 882  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 92.2  | 68.2  | 108.2  |
| 77      | 74.8  | 100.7 | 140.7# |
| 79      | 33.0  | 7.3   | 47.3   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:136 Resp: 539924

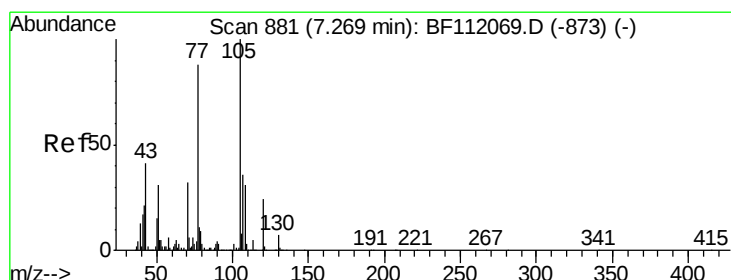
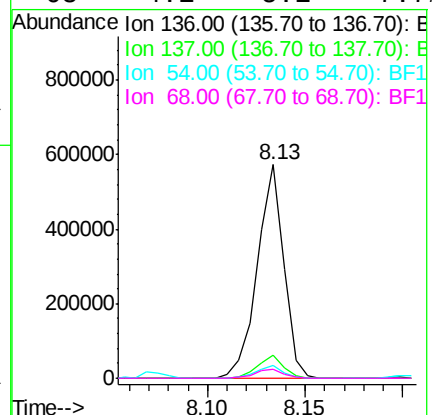
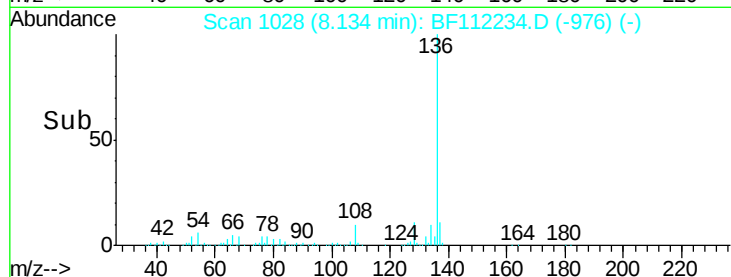
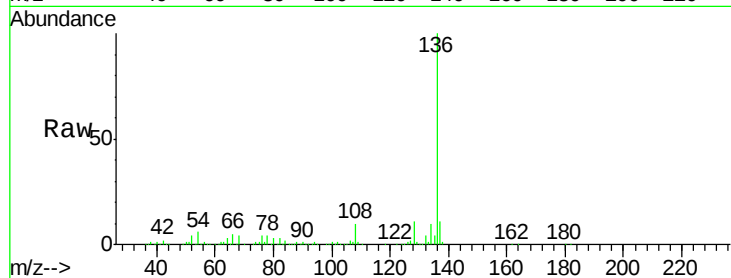
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.0 5.9 8.9

68 4.1 5.1 7.7#



#22

Acetophenone

Concen: 82.47 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Tgt Ion:105 Resp: 1031572

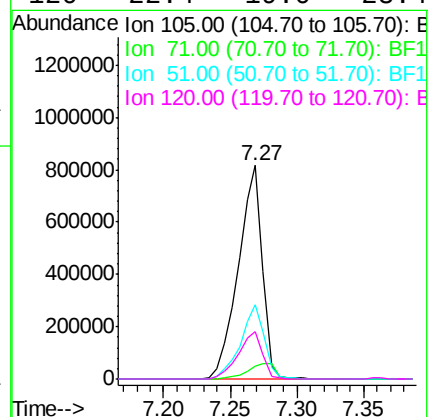
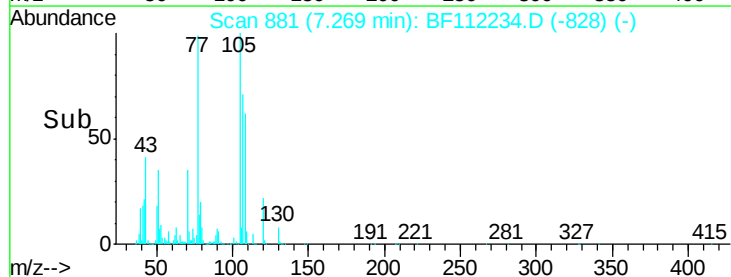
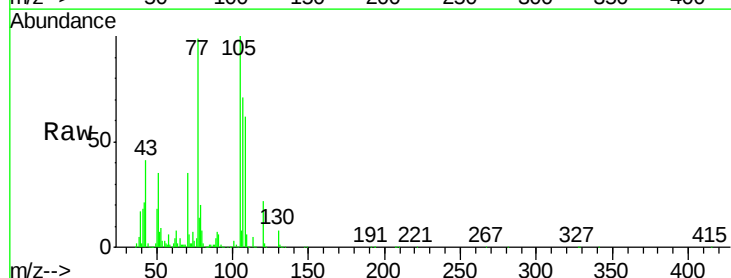
Ion Ratio Lower Upper

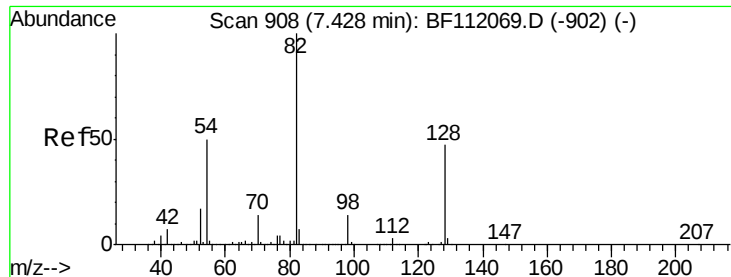
105 100

71 5.9 4.6 6.8

51 34.5 25.0 37.6

120 22.4 19.0 28.4



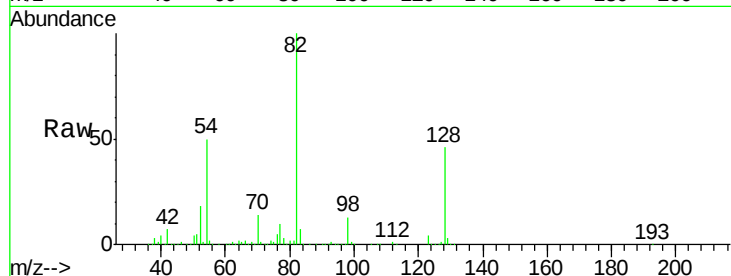


#23  
Nitrobenzene-d5  
Concen: 192.69 ng  
RT: 7.42 min Scan# 907  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

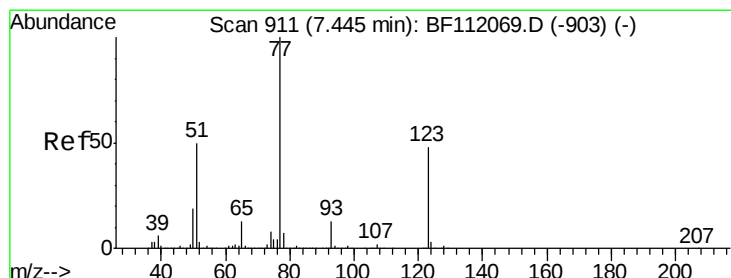
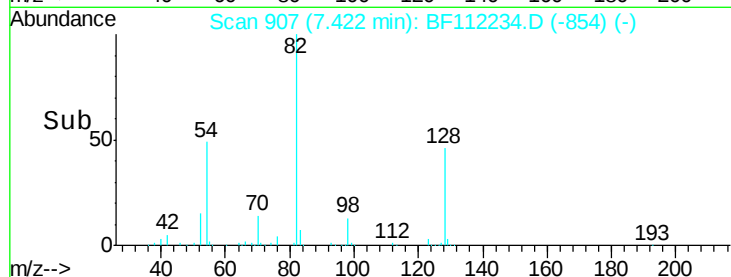
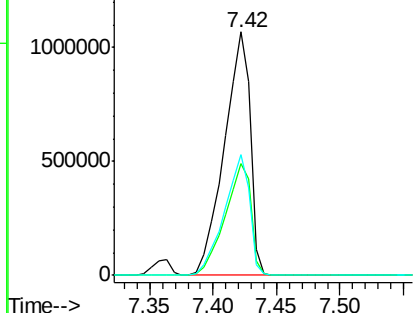
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion: 82 Resp: 1505822

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.9  | 37.8  | 56.8  |
| 54  | 49.7  | 39.7  | 59.5  |



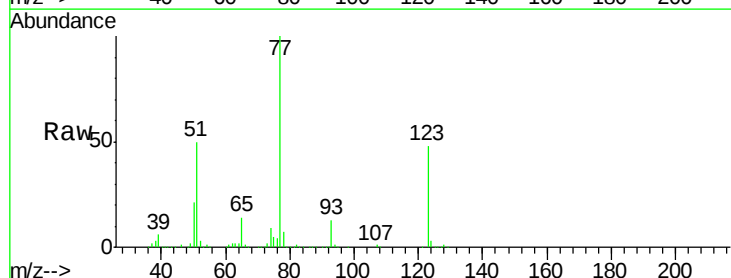
Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1



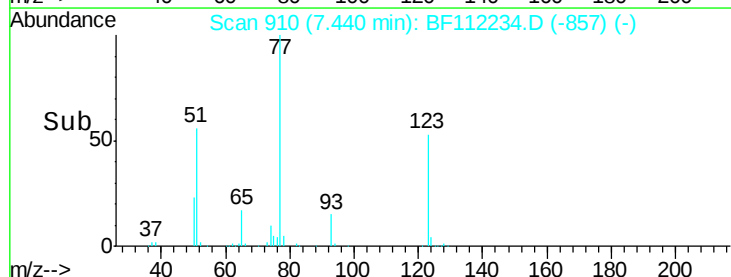
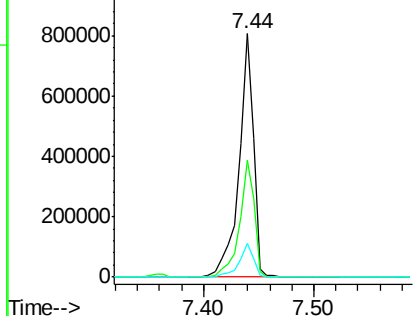
#24  
Nitrobenzene  
Concen: 90.00 ng  
RT: 7.44 min Scan# 910  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

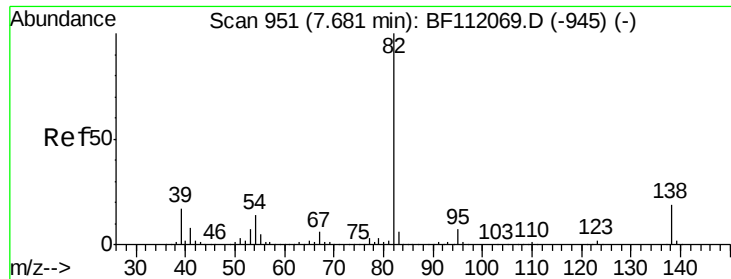
Tgt Ion: 77 Resp: 745423

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 48.1  | 38.4  | 57.6  |
| 65  | 14.0  | 10.6  | 15.8  |



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 123.00 (122.70 to 123.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 78.96 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

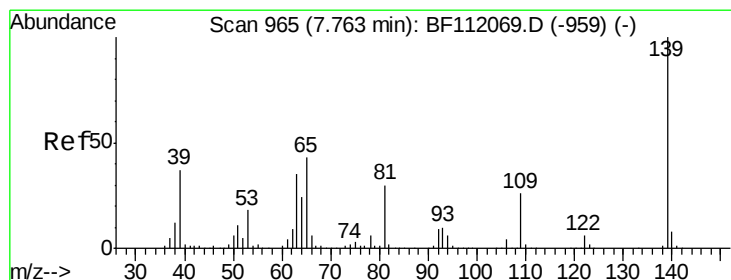
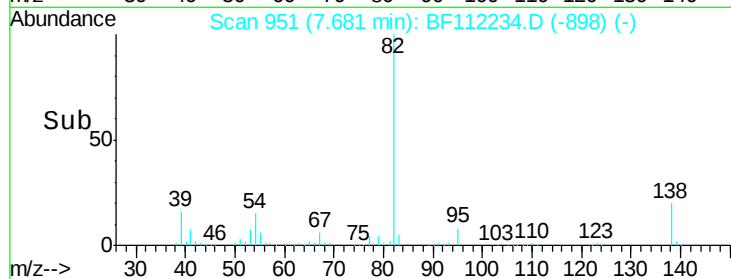
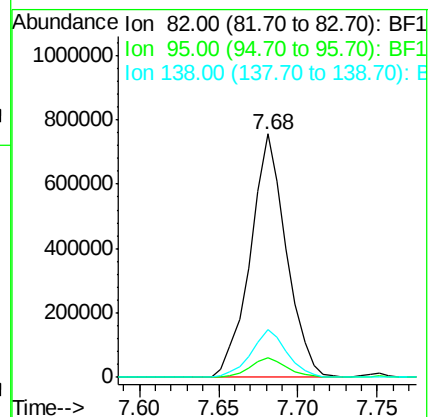
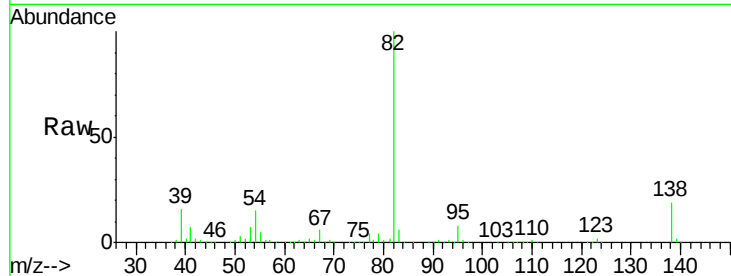
Tot Ion: 82 Resp: 1191848

Ion Ratio Lower Upper

82 100

95 8.1 5.7 8.5

138 19.5 15.4 23.0



#26

2-Nitrophenol

Concen: 104.65 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

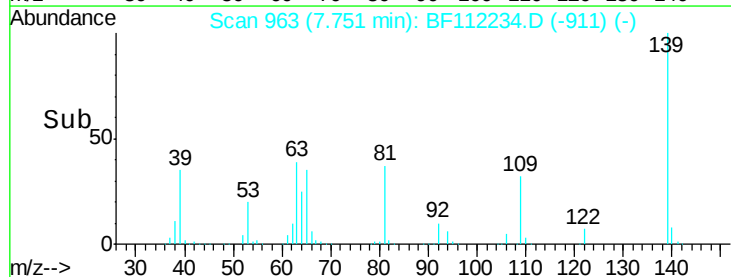
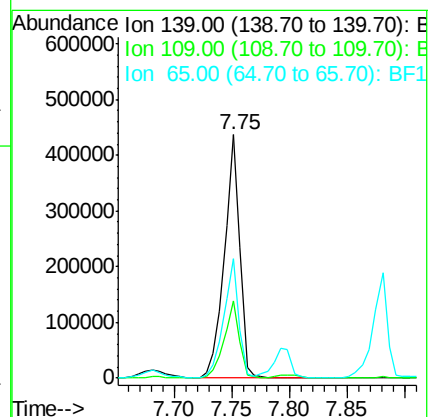
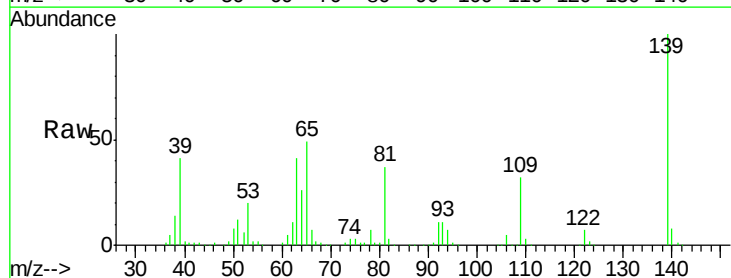
Tgt Ion: 139 Resp: 409189

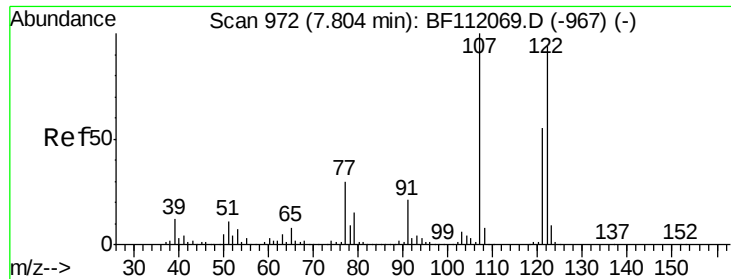
Ion Ratio Lower Upper

139 100

109 31.7 20.8 31.2#

65 49.0 34.4 51.6

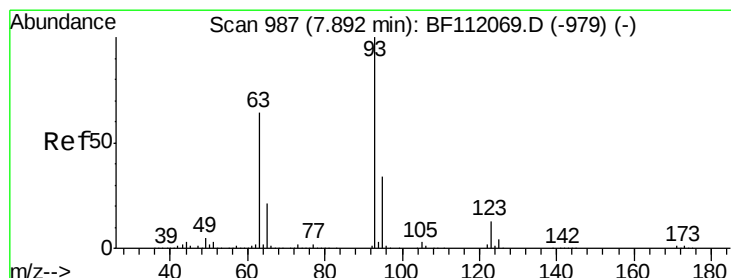
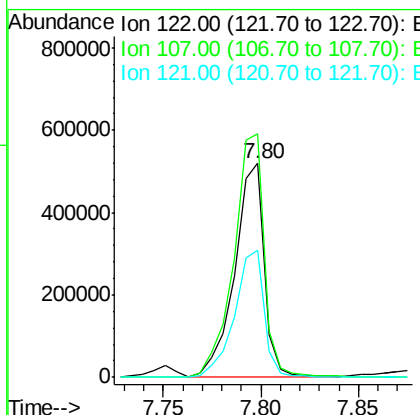
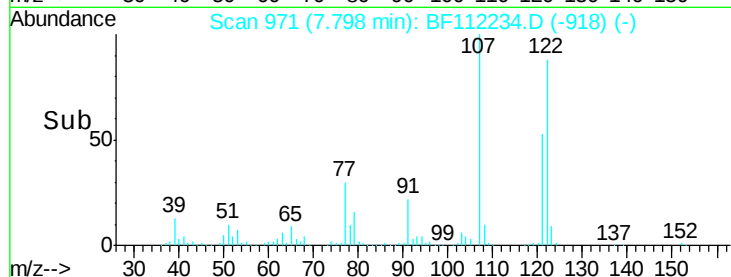
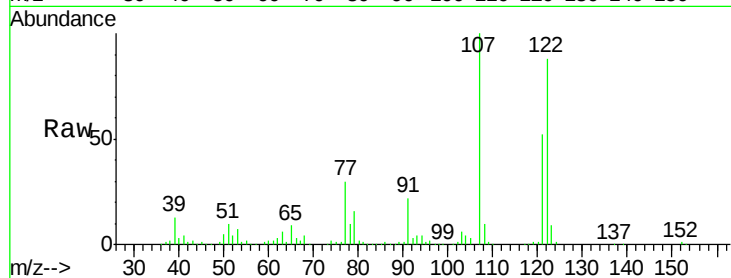




#27  
 2,4-Dimethylphenol  
 Concen: 77.74 ng  
 RT: 7.80 min Scan# 971  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

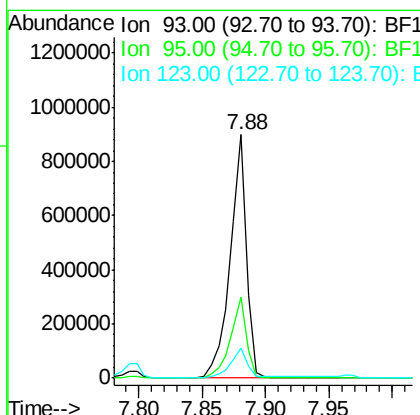
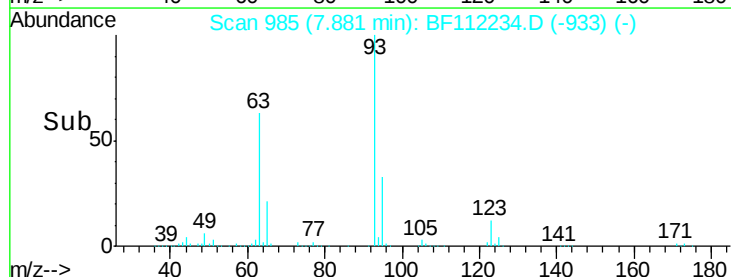
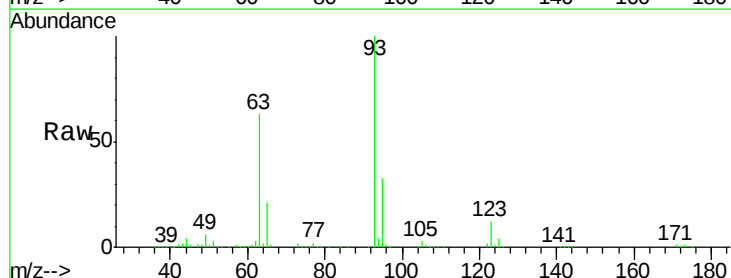
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

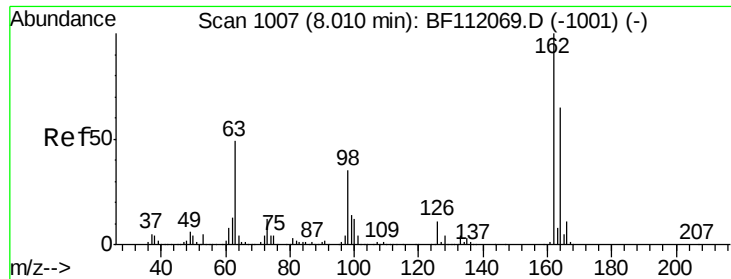
Tot Ion:122 Resp: 544729  
 Ion Ratio Lower Upper  
 122 100  
 107 113.7 85.4 128.0  
 121 59.7 47.0 70.4



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 76.87 ng  
 RT: 7.88 min Scan# 985  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

Tgt Ion: 93 Resp: 795886  
 Ion Ratio Lower Upper  
 93 100  
 95 33.2 26.8 40.2  
 123 12.1 10.2 15.2

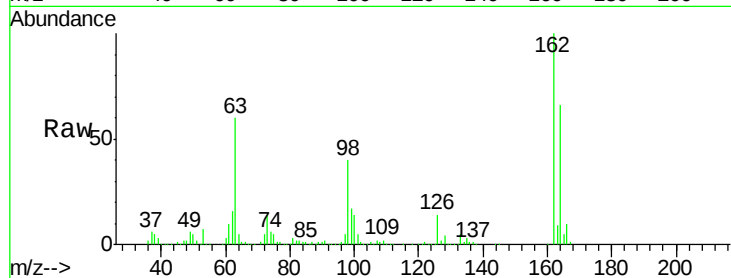




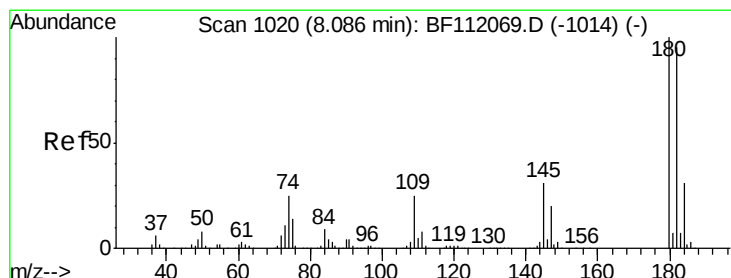
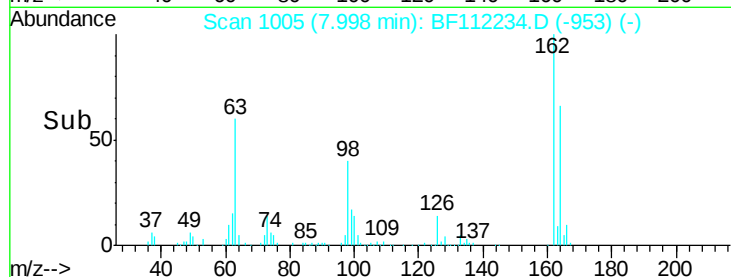
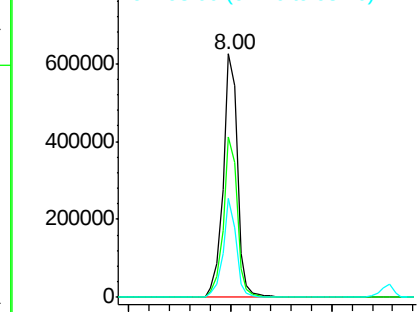
#29  
2,4-Dichlorophenol  
Concen: 79.82 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:162 Resp: 610927  
Ion Ratio Lower Upper  
162 100  
164 66.0 44.6 84.6  
98 40.5 14.6 54.6

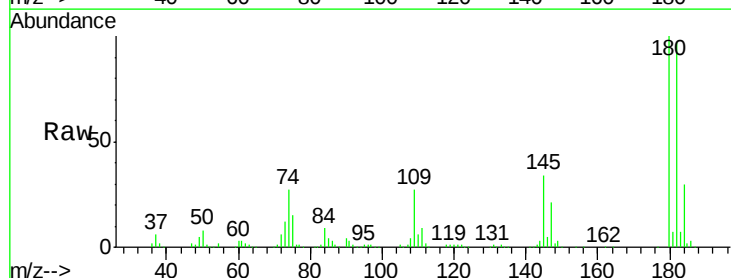


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

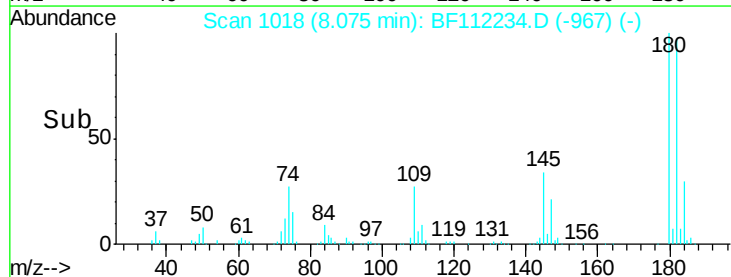
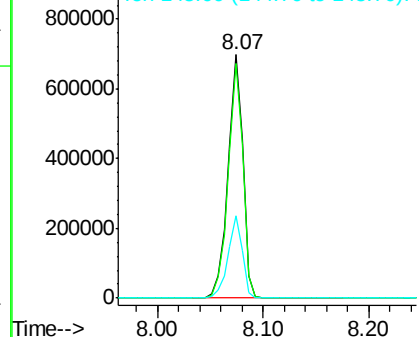


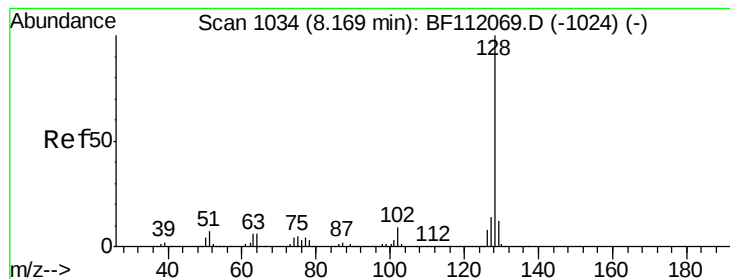
#30  
1,2,4-Trichlorobenzene  
Concen: 77.45 ng  
RT: 8.07 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Tgt Ion:180 Resp: 687952  
Ion Ratio Lower Upper  
180 100  
182 96.5 76.4 114.6  
145 33.7 25.0 37.4



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: 78.29 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

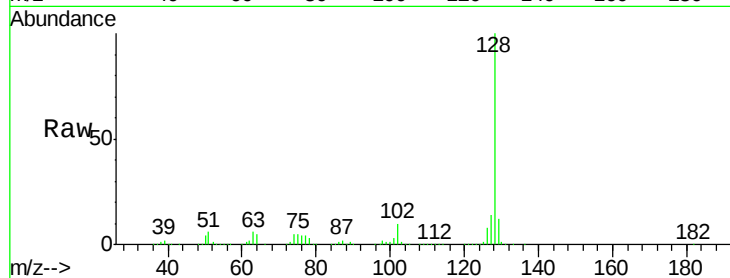
Tot Ion:128 Resp: 1922558

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

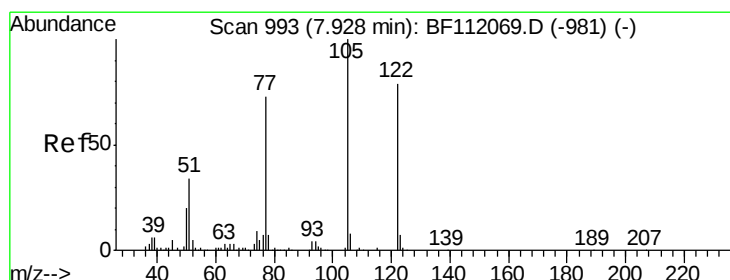
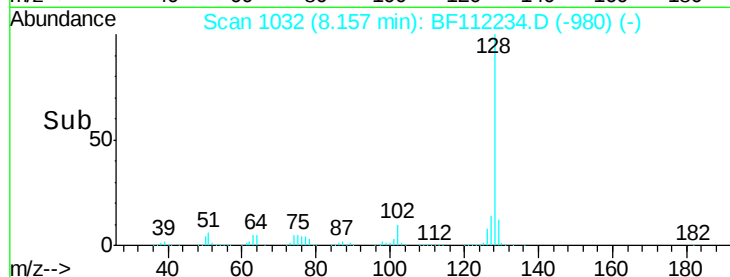
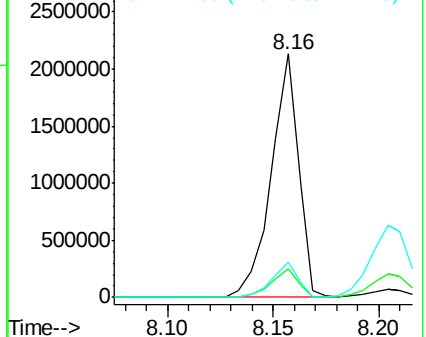
127 14.3 11.1 16.7



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: 126.56 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.04 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

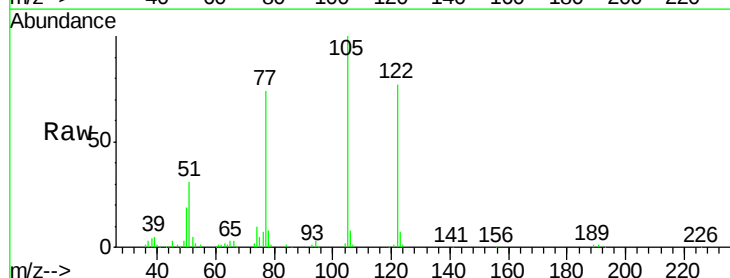
Tgt Ion:122 Resp: 364809

Ion Ratio Lower Upper

122 100

105 129.6 101.2 141.2

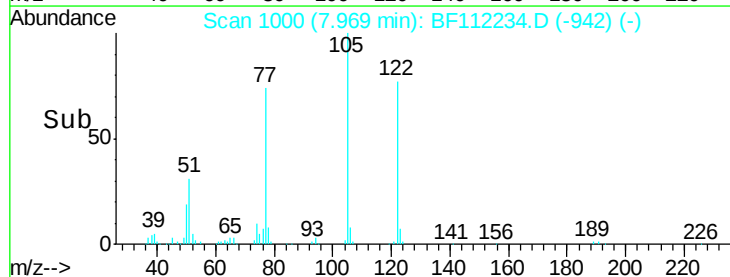
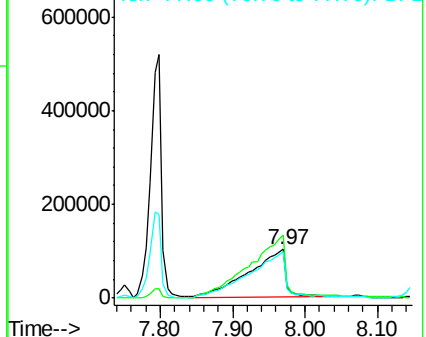
77 96.1 70.4 110.4

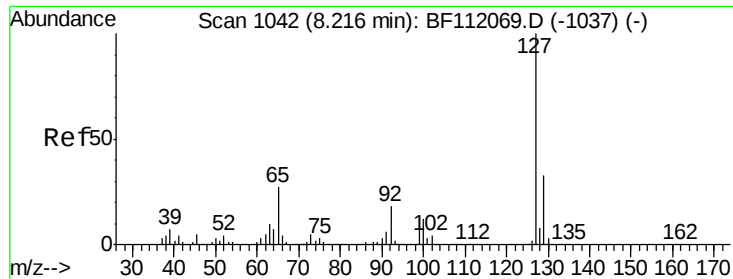


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

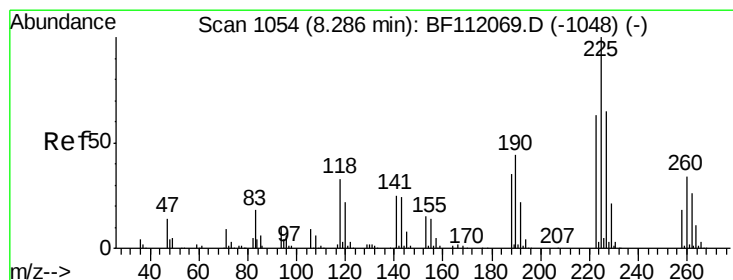
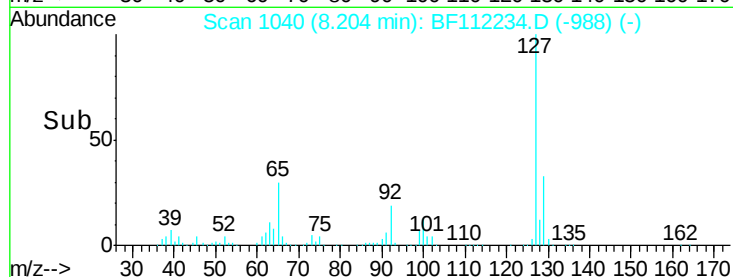
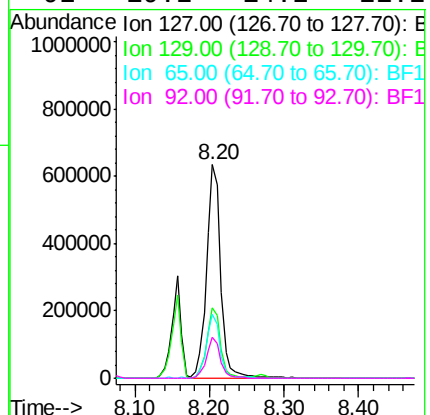
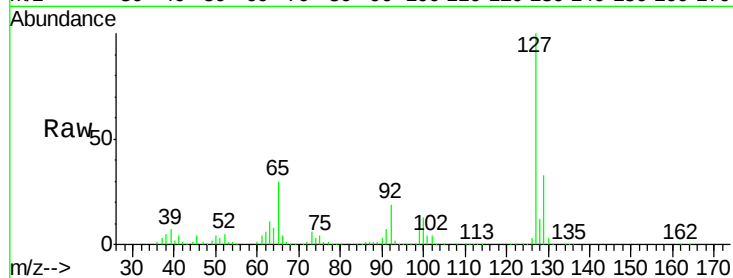




#33  
4-Chloroaniline  
Concen: 76.00 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

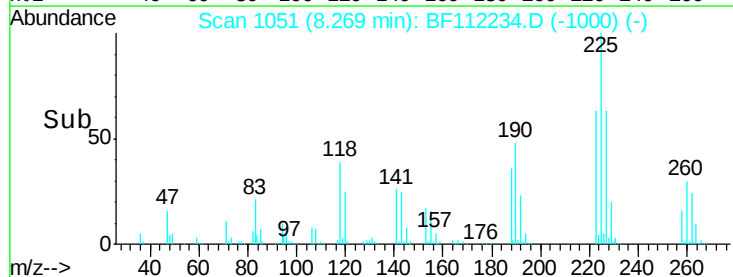
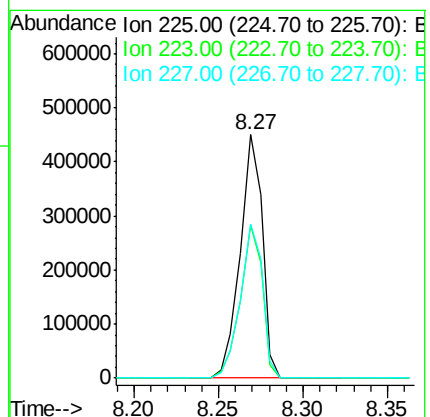
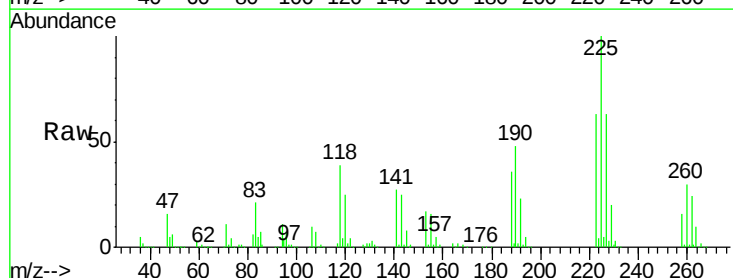
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

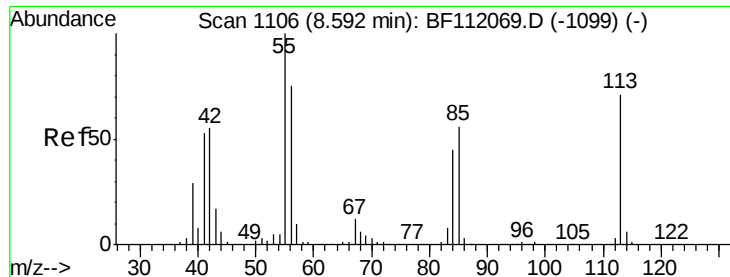
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 838810 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.6  | 39.8   |
| 65       | 30.0  | 21.4  | 32.2   |
| 92       | 19.2  | 14.2  | 21.2   |



#34  
Hexachlorobutadiene  
Concen: 83.16 ng  
RT: 8.27 min Scan# 1051  
Delta R.T. 0.00 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 411101 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.7  | 50.3  | 75.5   |
| 227      | 63.0  | 51.8  | 77.8   |

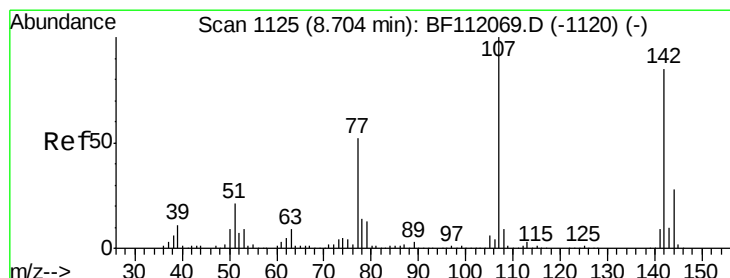
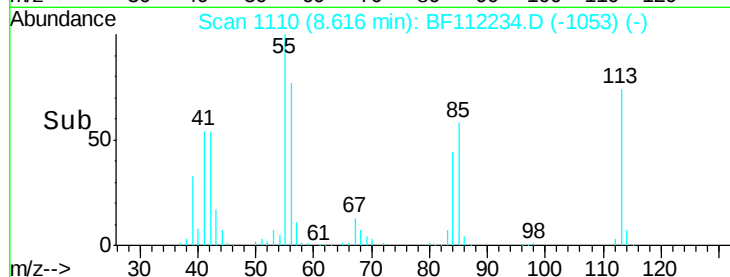
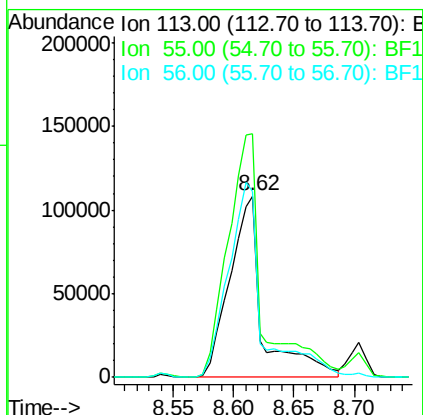
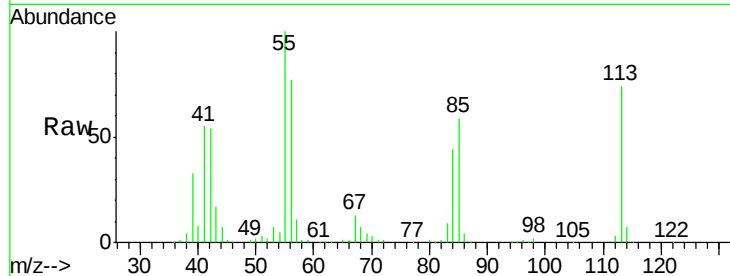




#35  
Caprolactam  
Concen: 77.43 ng  
RT: 8.62 min Scan# 1110  
Delta R.T. 0.04 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

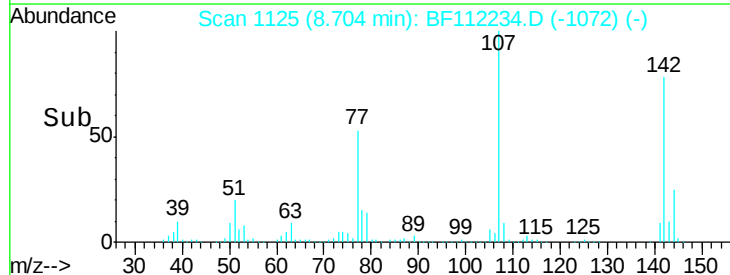
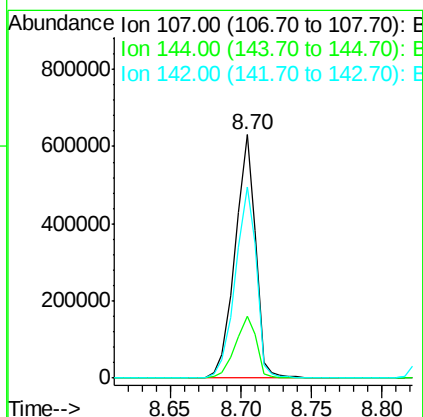
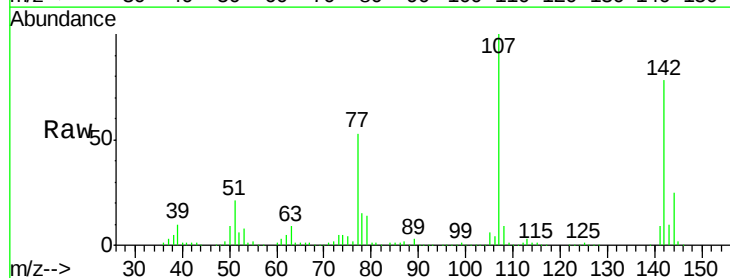
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

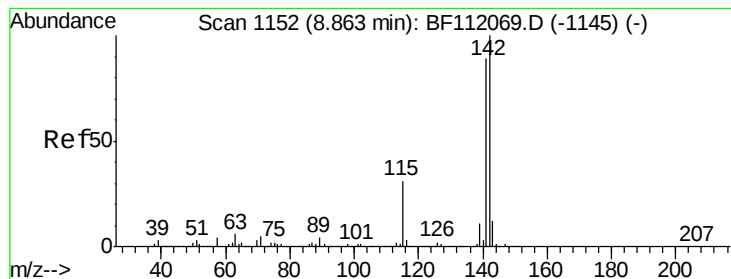
Tot Ion:113 Resp: 207418  
Ion Ratio Lower Upper  
113 100  
55 134.4 121.6 161.6  
56 103.0 86.7 126.7



#36  
4-Chloro-3-methylphenol  
Concen: 85.50 ng  
RT: 8.70 min Scan# 1125  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Tgt Ion:107 Resp: 639210  
Ion Ratio Lower Upper  
107 100  
144 25.4 22.2 33.2  
142 78.4 67.7 101.5

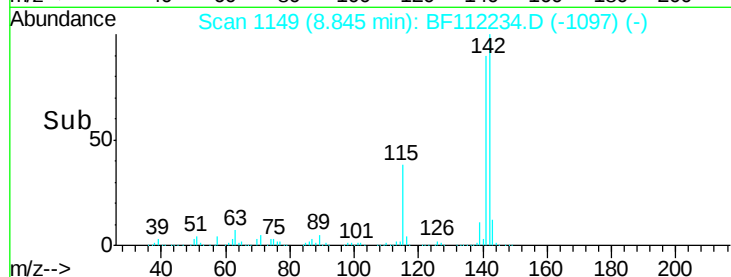
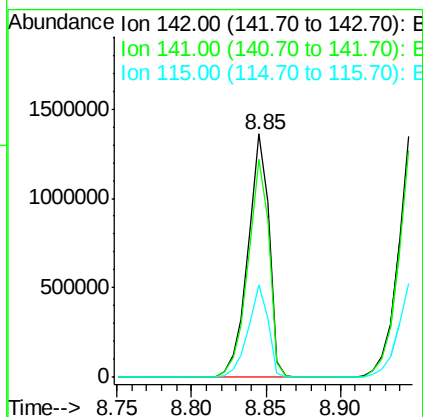
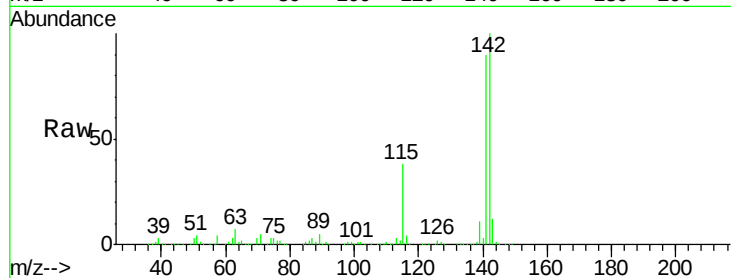




#37  
2-Methylnaphthalene  
Concen: 79.34 ng  
RT: 8.85 min Scan# 1149  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

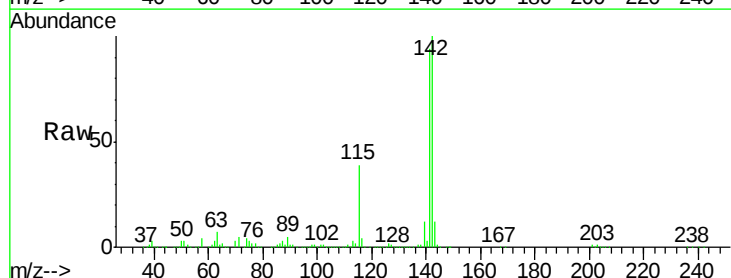
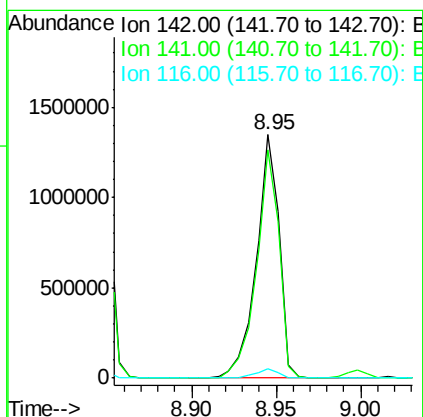
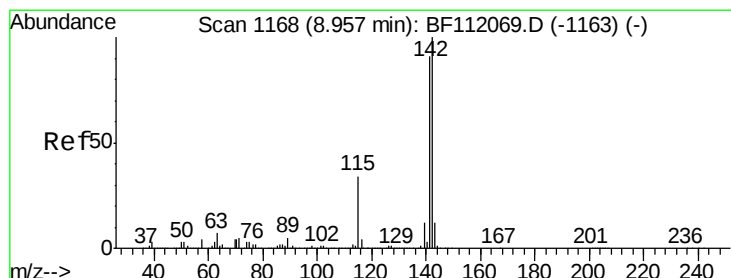
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

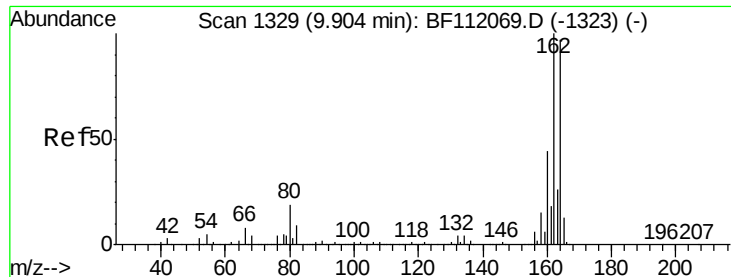
Tot Ion:142 Resp: 1323077  
Ion Ratio Lower Upper  
142 100  
141 89.8 70.9 106.3  
115 37.9 24.9 37.3#



#38  
1-Methylnaphthalene  
Concen: 78.54 ng  
RT: 8.95 min Scan# 1166  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Tgt Ion:142 Resp: 1258742  
Ion Ratio Lower Upper  
142 100  
141 93.8 72.6 108.8  
116 4.0 2.8 4.2

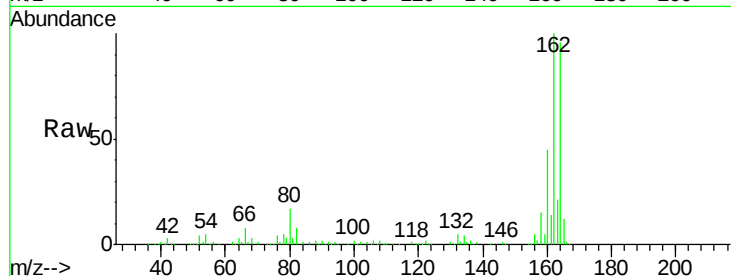




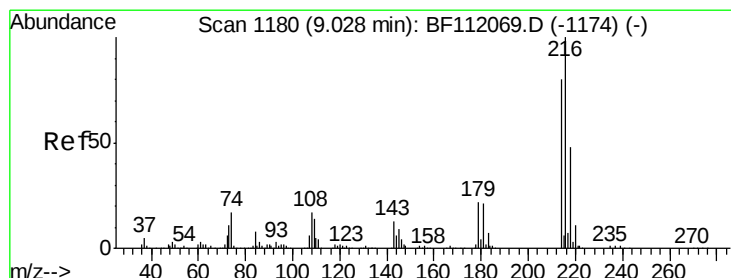
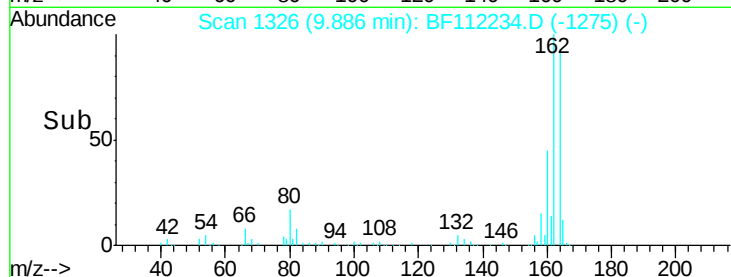
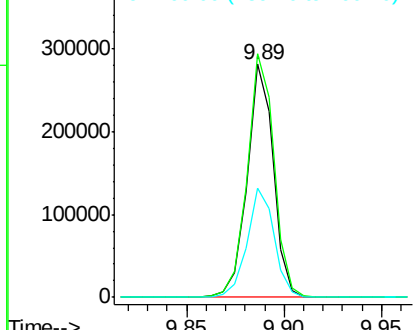
#39  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.89 min Scan# 1326  
 Delta R.T. 0.00 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 164   | Resp: | 260803 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 104.4 | 82.2  | 123.4  |
| 160      | 46.6  | 36.2  | 54.4   |

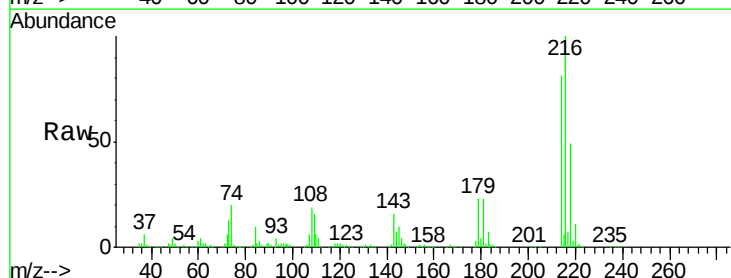


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

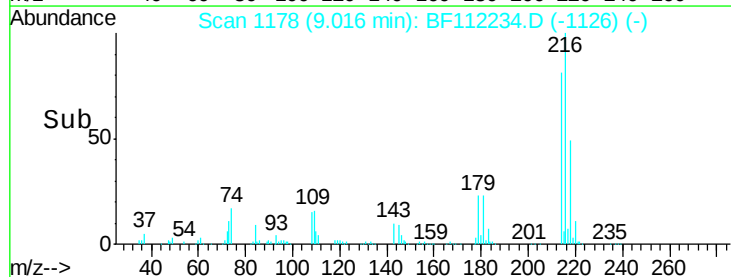
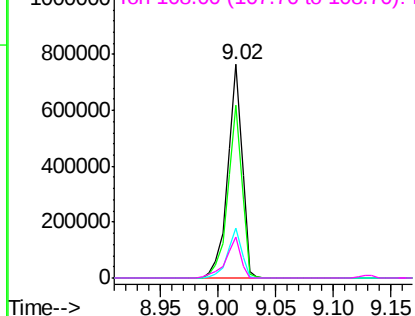


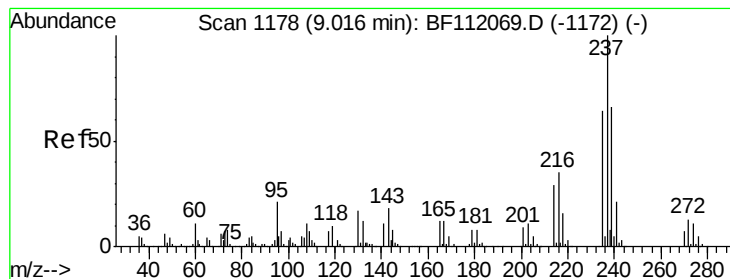
#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 78.69 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 659017 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.3  | 63.8  | 95.6   |
| 179      | 23.0  | 16.9  | 25.3   |
| 108      | 20.0  | 14.2  | 21.4   |



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: 97.91 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

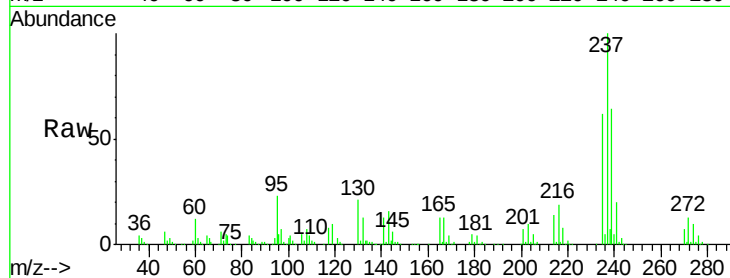
Tot Ion:237 Resp: 268711

Ion Ratio Lower Upper

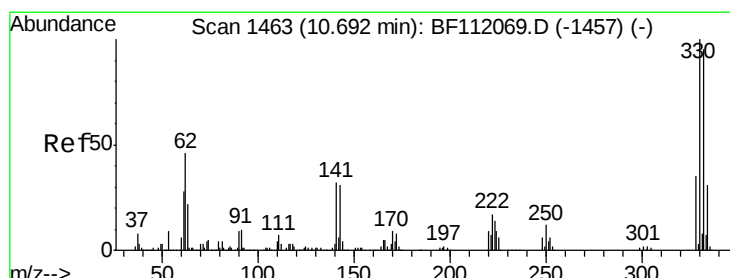
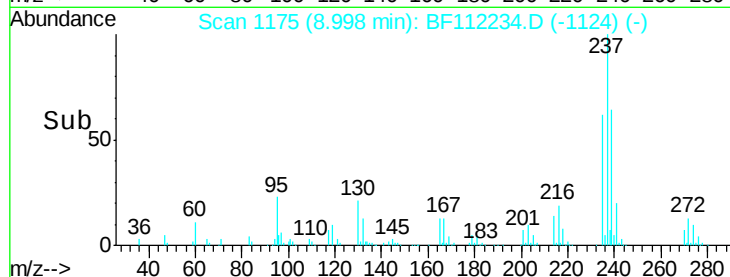
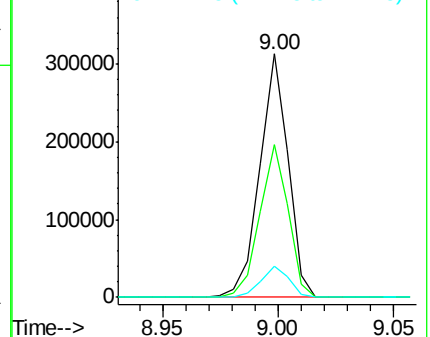
237 100

235 62.5 44.0 84.0

272 12.6 0.0 33.3



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: 177.32 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

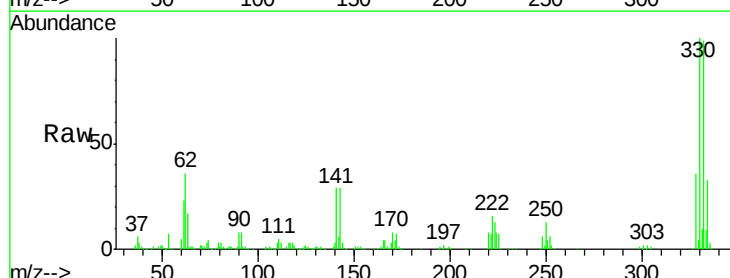
Tgt Ion:330 Resp: 498886

Ion Ratio Lower Upper

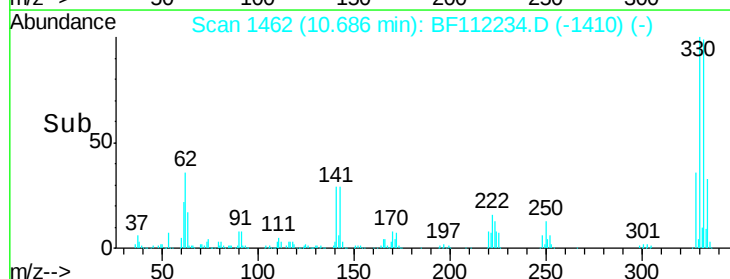
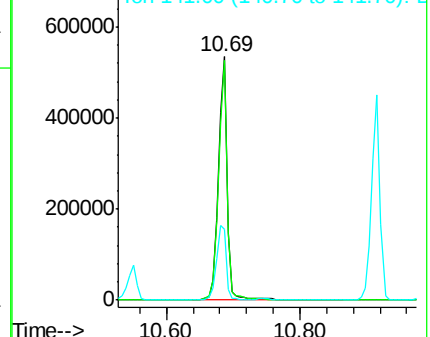
330 100

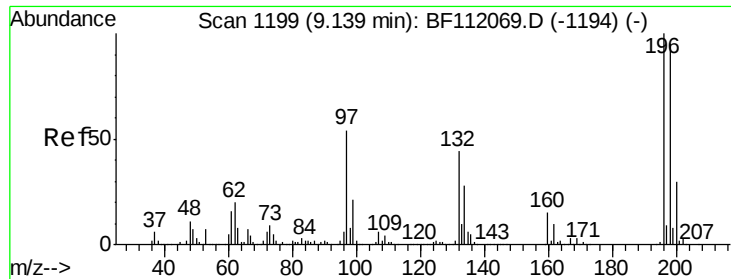
332 96.4 76.6 114.8

141 33.8 24.3 36.5



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

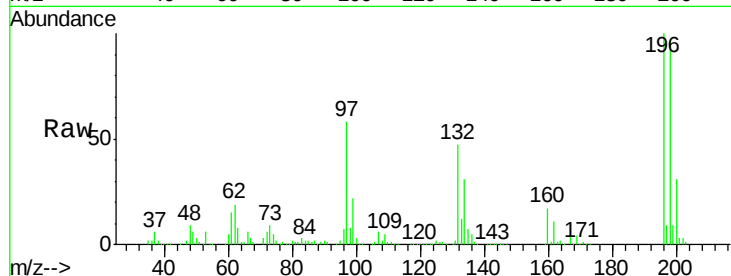




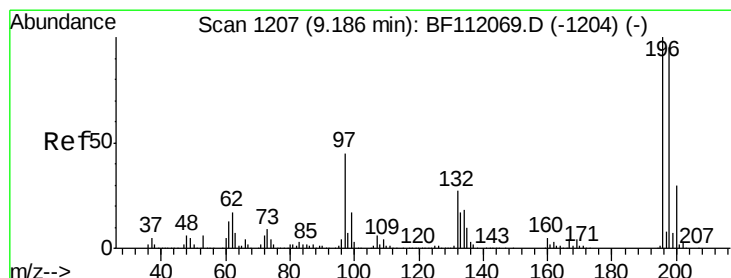
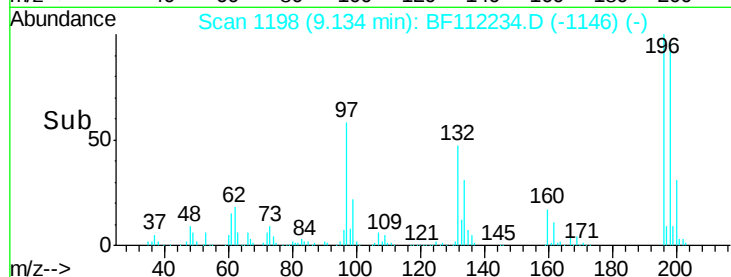
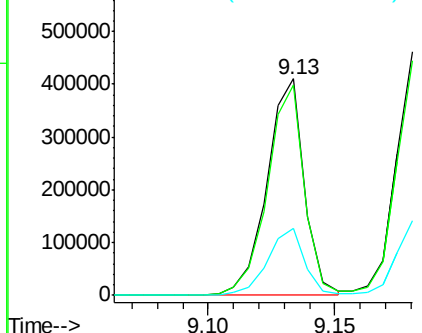
#43  
 2,4,6-Trichlorophenol  
 Concen: 84.38 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion:196 Resp: 422734  
 Ion Ratio Lower Upper  
 196 100  
 198 97.2 76.2 114.4  
 200 30.9 24.3 36.5



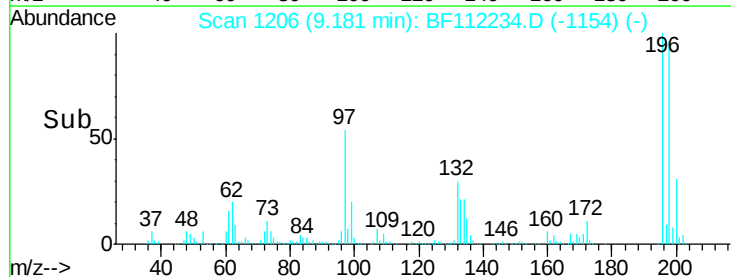
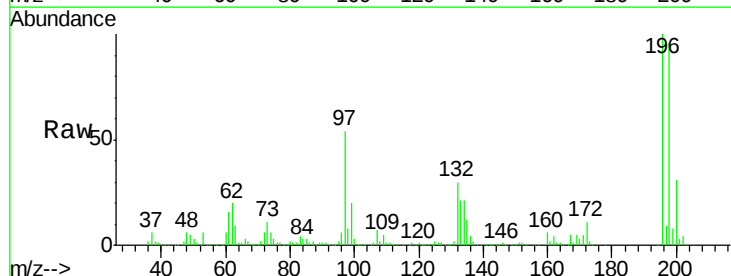
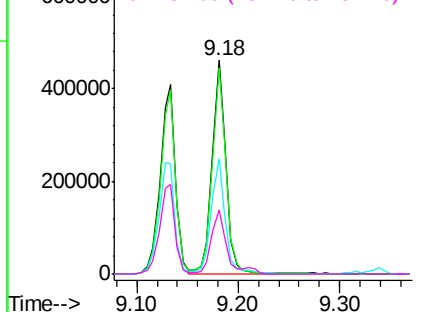
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

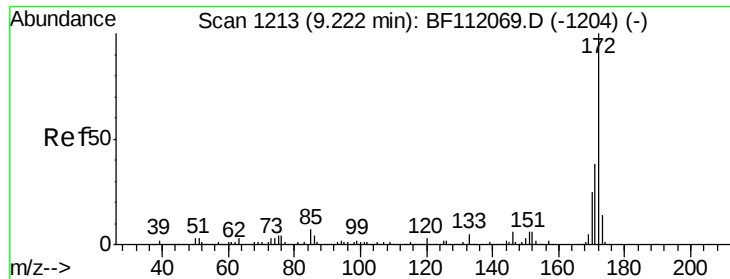


#44  
 2,4,5-Trichlorophenol  
 Concen: 82.27 ng  
 RT: 9.18 min Scan# 1206  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

Tgt Ion:196 Resp: 439006  
 Ion Ratio Lower Upper  
 196 100  
 198 96.3 76.0 114.0  
 97 53.7 36.4 54.6  
 132 30.2 21.5 32.3

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

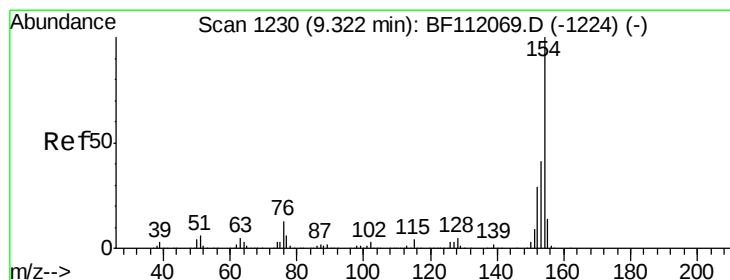
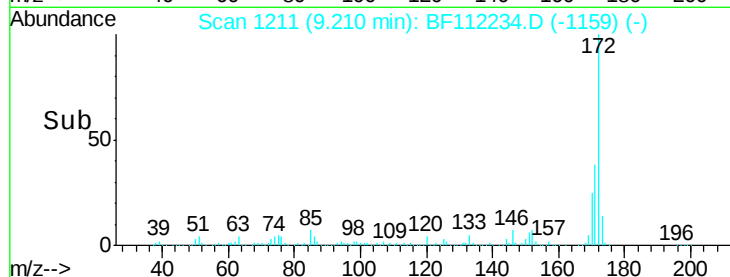
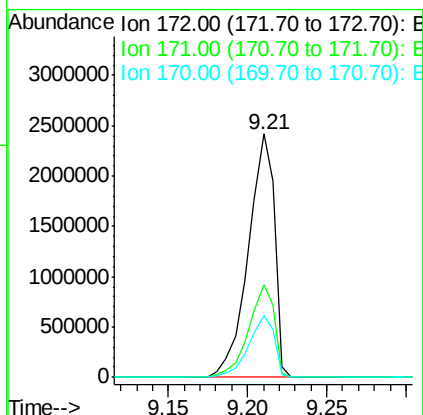
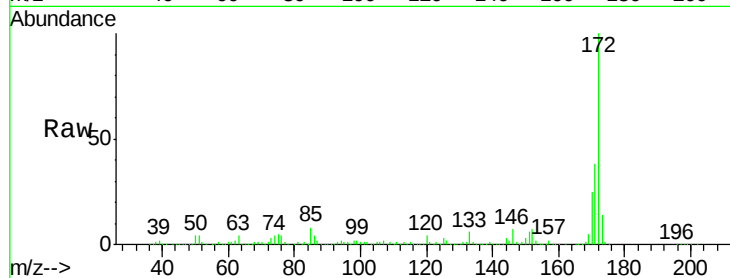




#45  
2-Fluorobiphenyl  
Concen: 156.06 ng  
RT: 9.21 min Scan# 1211  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

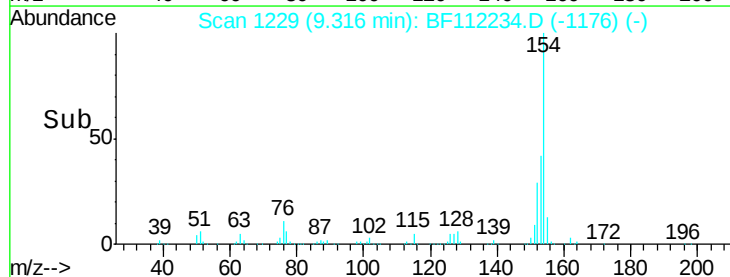
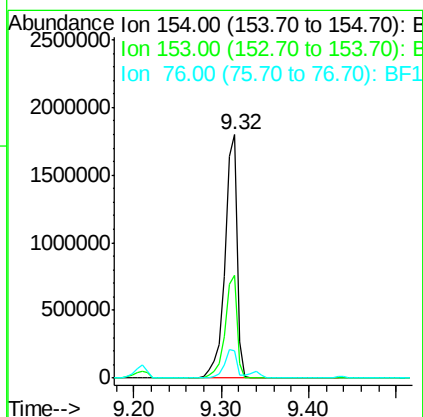
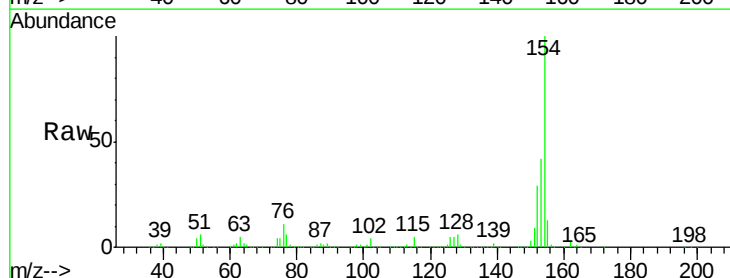
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

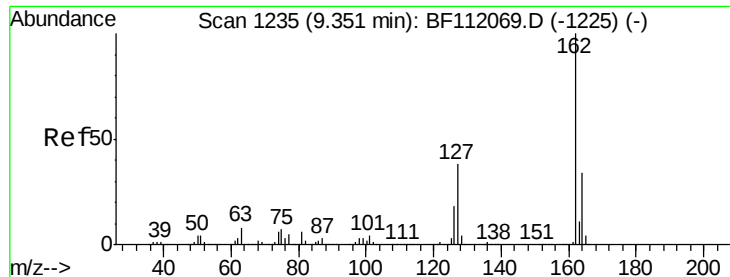
Tot Ion:172 Resp: 2776036  
Ion Ratio Lower Upper  
172 100  
171 38.0 30.5 45.7  
170 25.3 20.2 30.4



#46  
1,1'-Biphenyl  
Concen: 79.83 ng  
RT: 9.32 min Scan# 1229  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Tgt Ion:154 Resp: 1741005  
Ion Ratio Lower Upper  
154 100  
153 42.4 21.5 61.5  
76 11.2 0.0 33.1

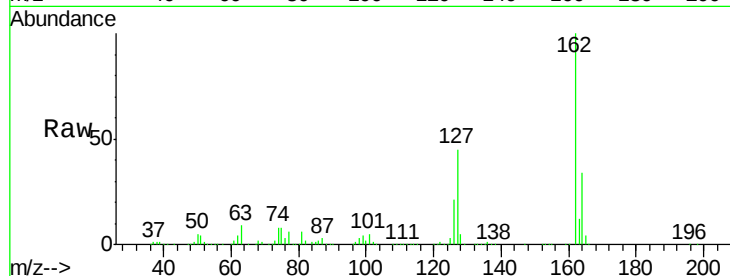




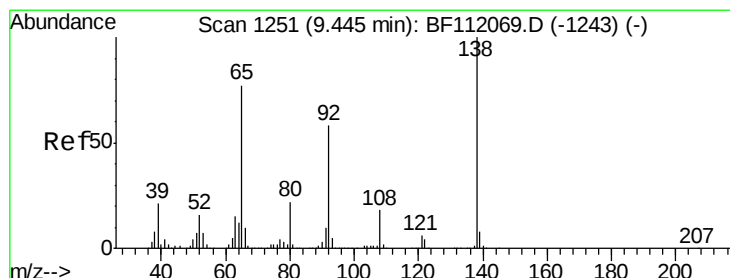
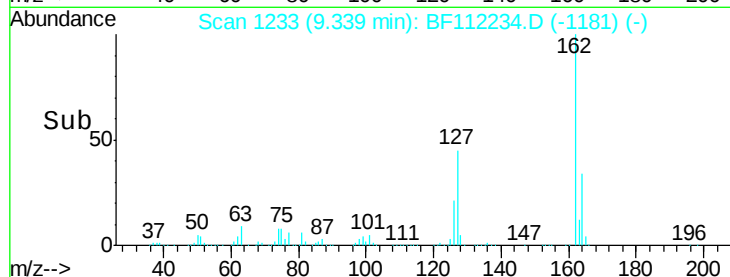
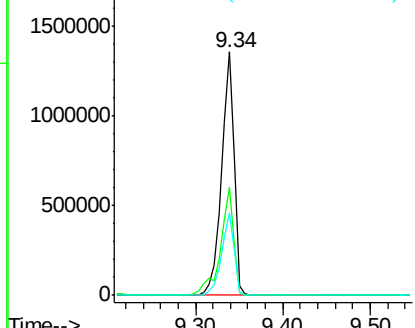
#47  
 2-Chloronaphthalene  
 Concen: 79.73 ng  
 RT: 9.34 min Scan# 1233  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion:162 Resp: 1361037  
 Ion Ratio Lower Upper  
 162 100  
 127 44.6 30.4 45.6  
 164 33.9 27.4 41.2

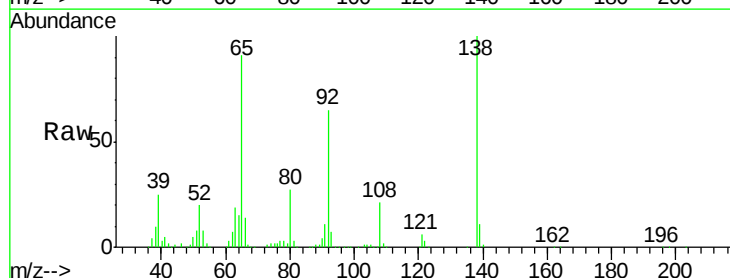


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

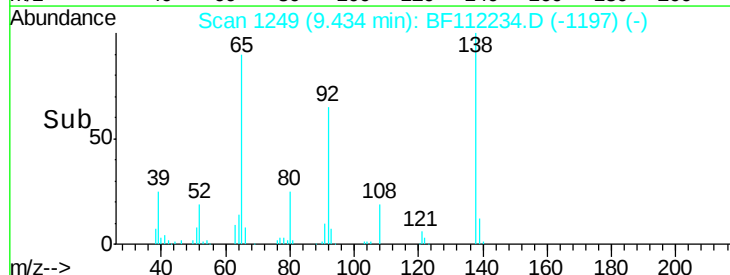
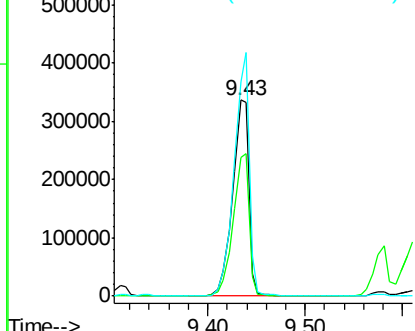


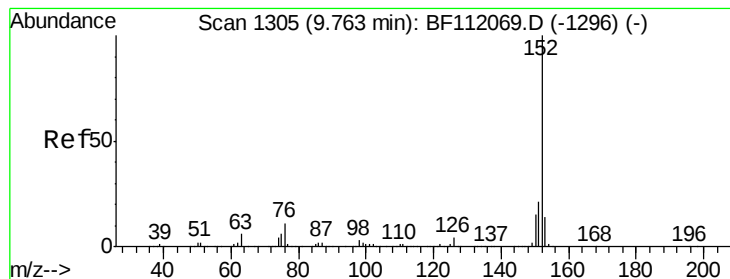
#48  
 2-Nitroaniline  
 Concen: 102.22 ng  
 RT: 9.43 min Scan# 1249  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

Tgt Ion: 65 Resp: 393039  
 Ion Ratio Lower Upper  
 65 100  
 92 71.0 60.4 90.6  
 138 109.6 104.4 156.6



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: 78.73 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

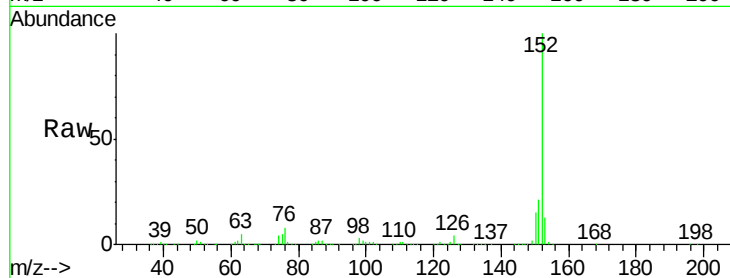
Tot Ion:152 Resp: 1961218

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.6

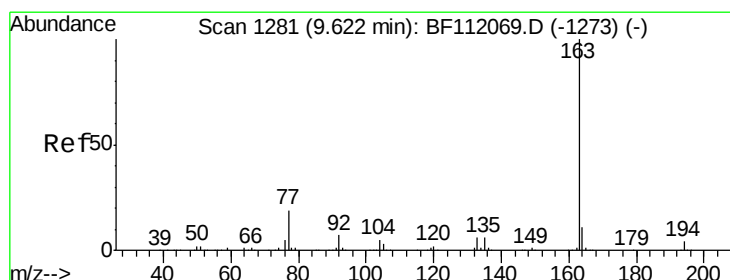
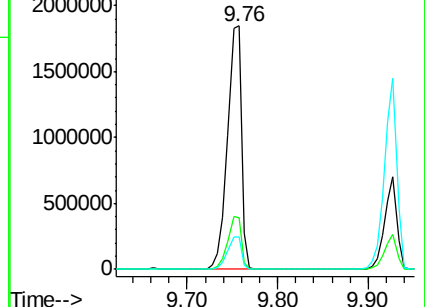
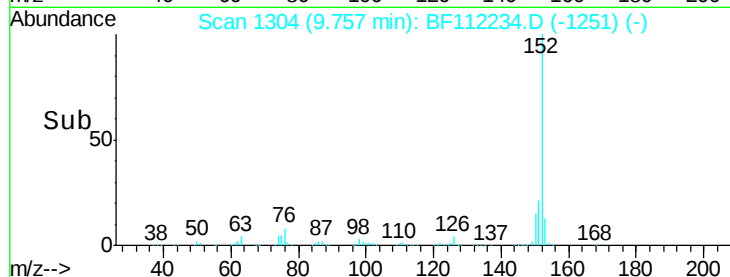
153 13.3 11.2 16.8



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: 83.39 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

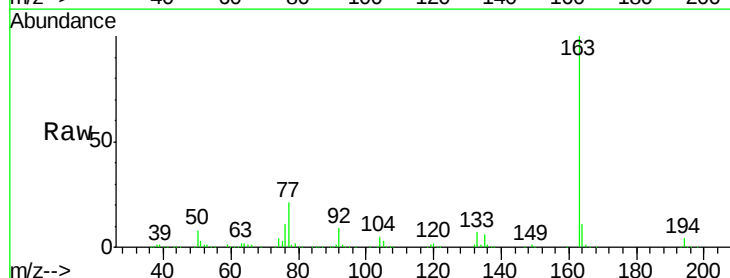
Tgt Ion:163 Resp: 1586057

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

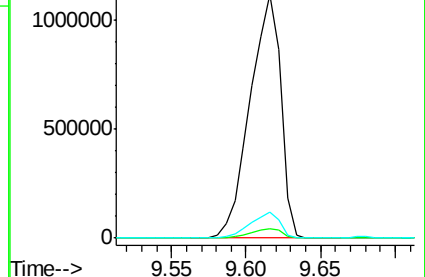
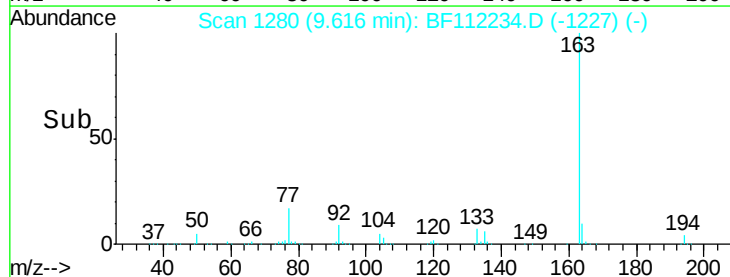
164 10.5 8.5 12.7

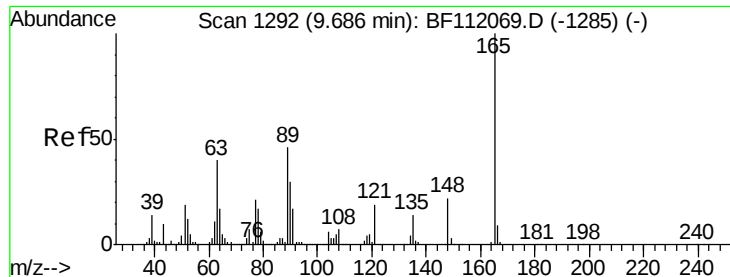


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

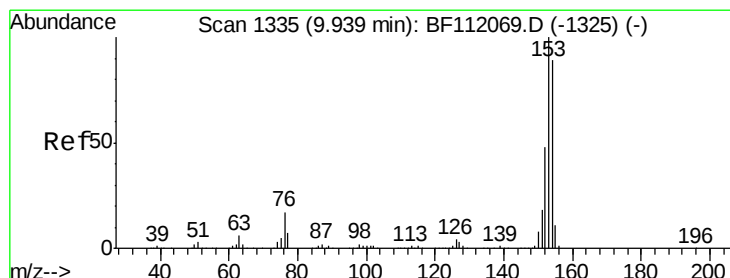
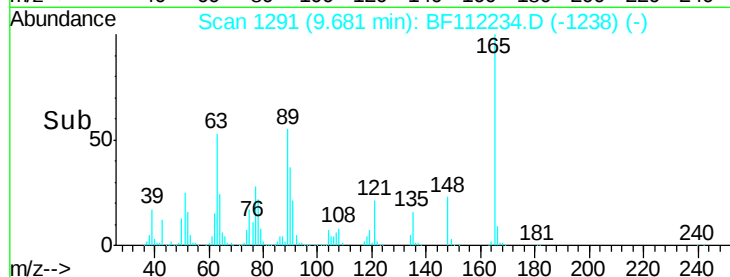
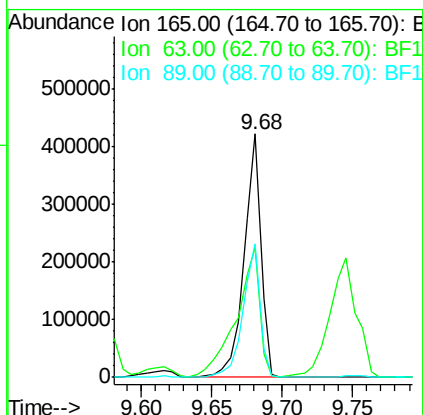
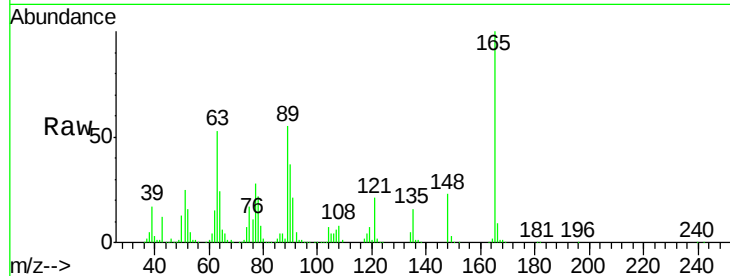




#51  
2,6-Dinitrotoluene  
Concen: 92.86 ng  
RT: 9.68 min Scan# 1291  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

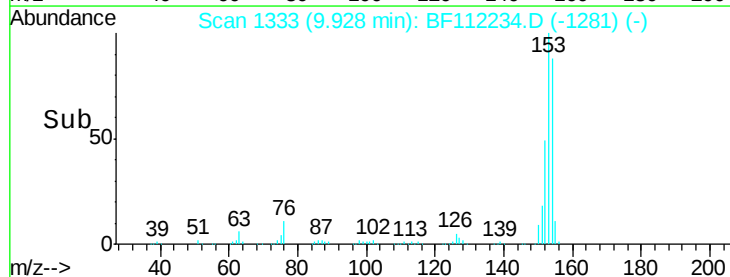
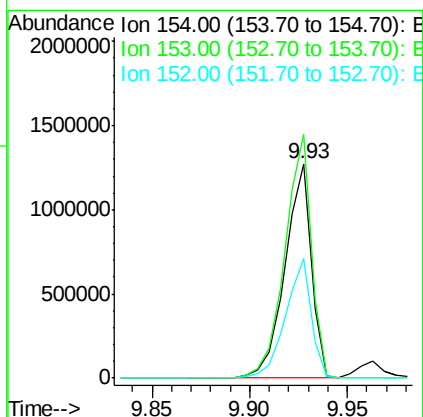
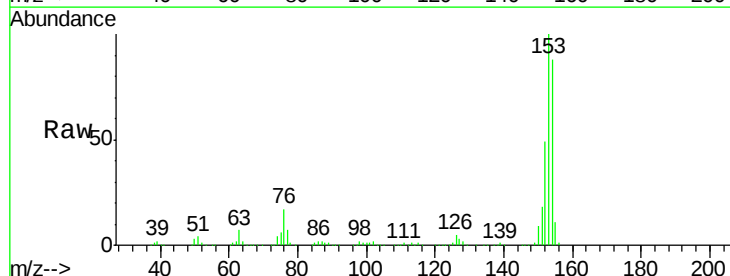
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

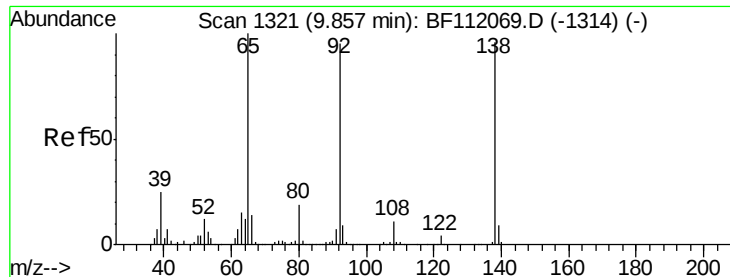
Tot Ion:165 Resp: 352722  
Ion Ratio Lower Upper  
165 100  
63 53.2 33.8 50.8#  
89 54.8 36.9 55.3



#52  
Acenaphthene  
Concen: 78.13 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Tgt Ion:154 Resp: 1190859  
Ion Ratio Lower Upper  
154 100  
153 113.4 89.8 134.6  
152 55.4 43.5 65.3

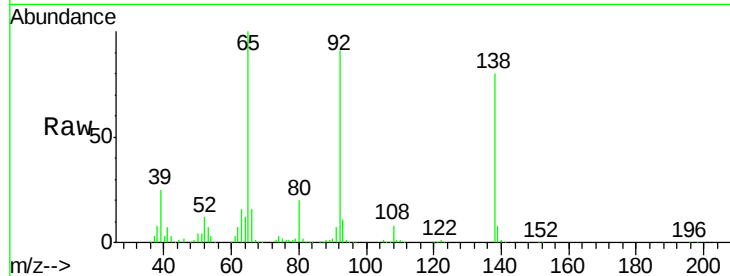




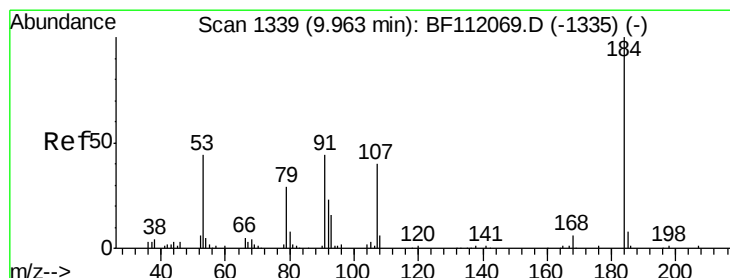
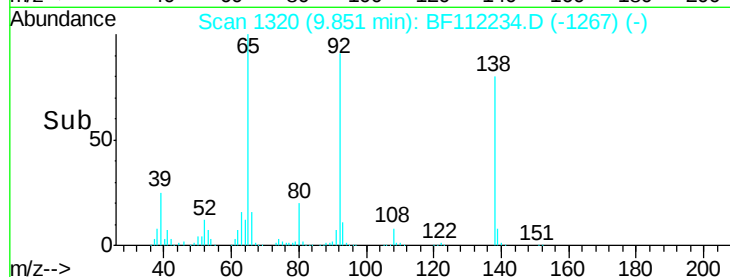
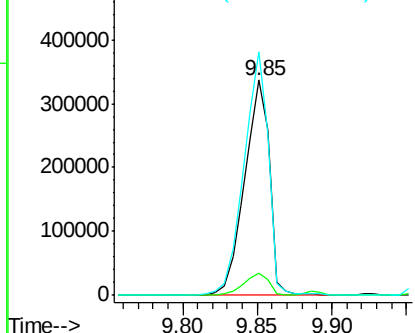
#53  
3-Nitroaniline  
Concen: 91.12 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:138 Resp: 387016  
Ion Ratio Lower Upper  
138 100  
108 10.6 9.8 14.6  
92 113.1 79.4 119.2

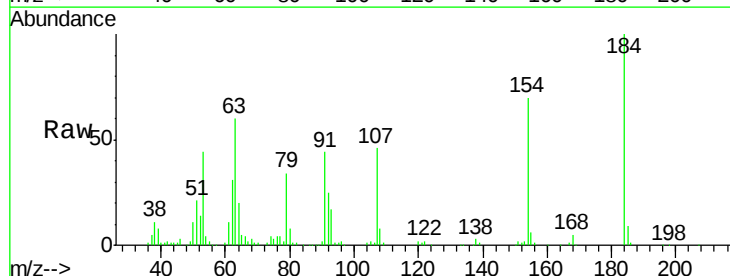


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

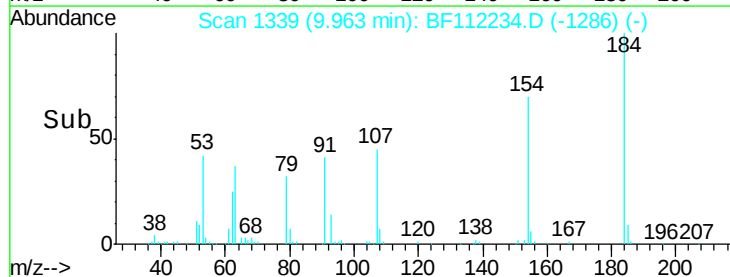
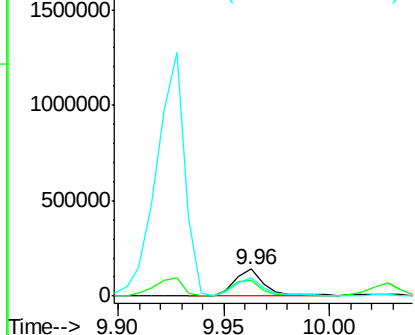


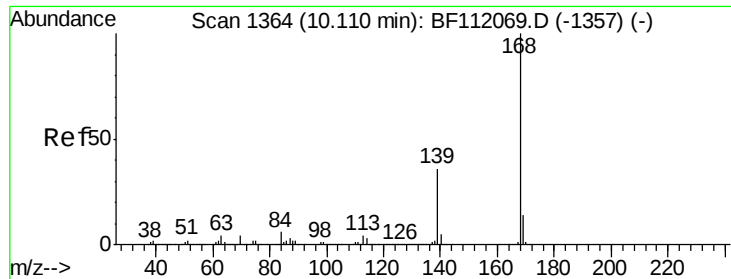
#54  
2,4-Dinitrophenol  
Concen: 172.56 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Tgt Ion:184 Resp: 139701  
Ion Ratio Lower Upper  
184 100  
63 60.0 47.1 70.7  
154 69.8 48.9 73.3



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

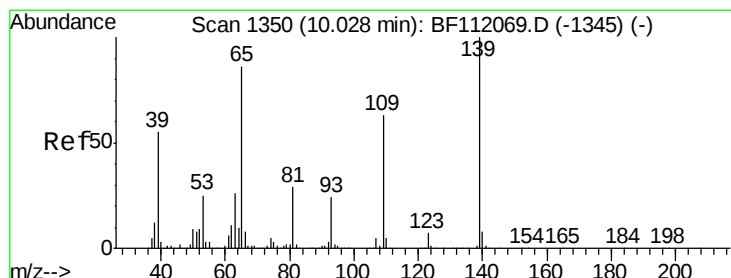
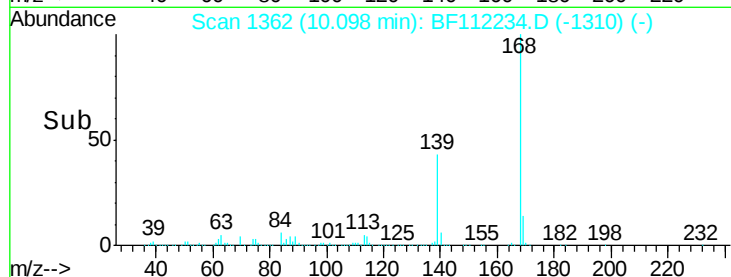
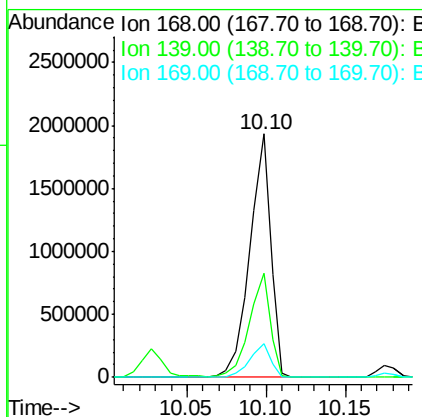
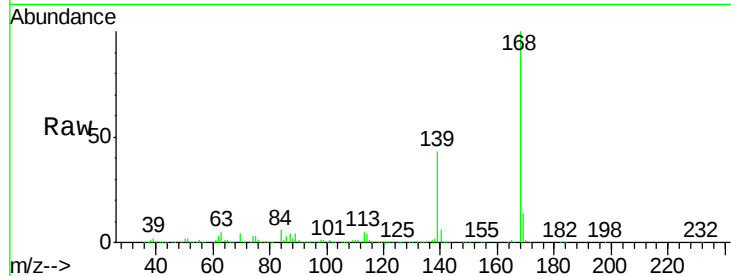




#55  
Dibenzofuran  
Concen: 77.34 ng  
RT: 10.10 min Scan# 1362  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

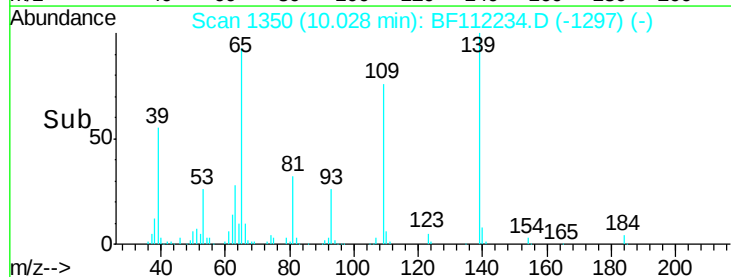
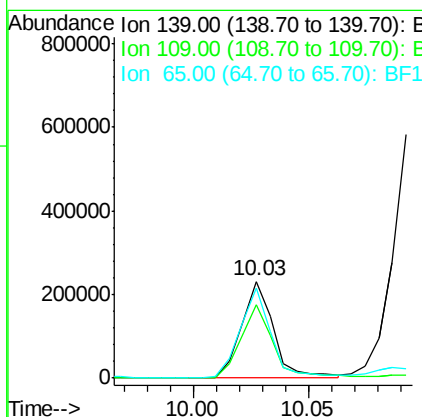
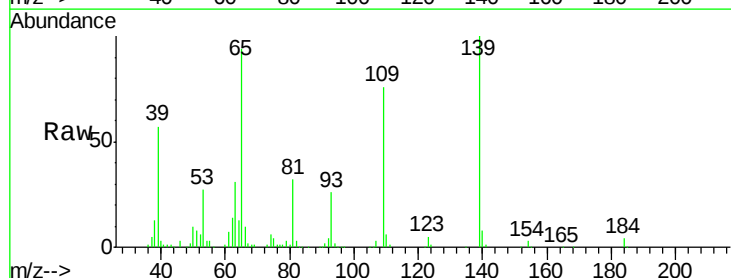
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

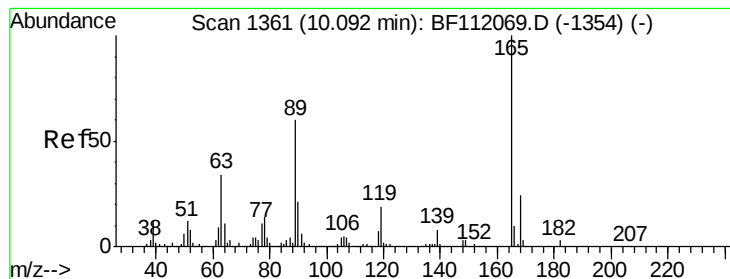
Tot Ion:168 Resp: 1782568  
Ion Ratio Lower Upper  
168 100  
139 42.7 29.2 43.8  
169 13.6 11.4 17.0



#56  
4-Nitrophenol  
Concen: 85.40 ng  
RT: 10.03 min Scan# 1350  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Tgt Ion:139 Resp: 225450  
Ion Ratio Lower Upper  
139 100  
109 75.9 42.8 82.8  
65 93.5 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 101.55 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:165 Resp: 459652

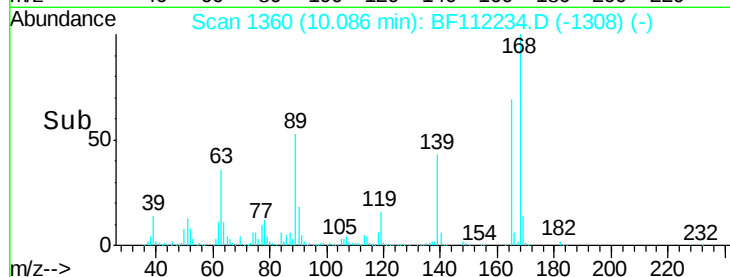
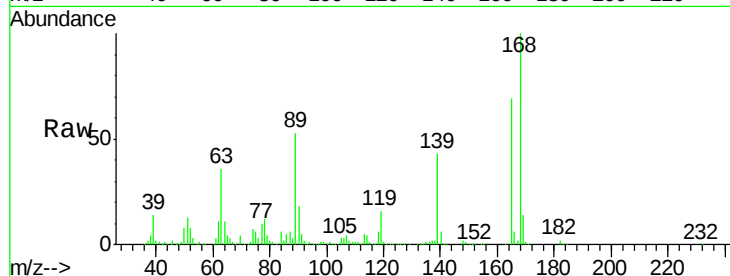
Ion Ratio Lower Upper

165 100

63 52.9 27.9 41.9#

89 77.0 47.9 71.9#

182 2.5 2.2 3.4

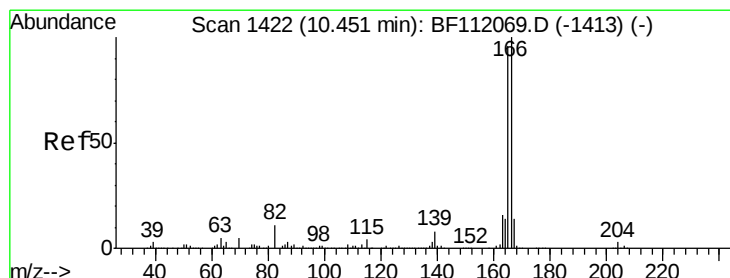
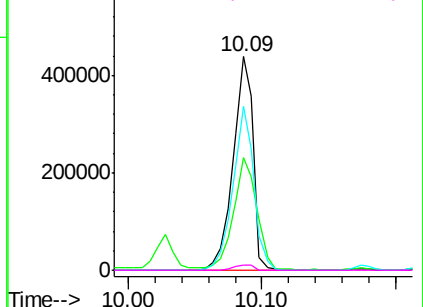


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 79.15 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

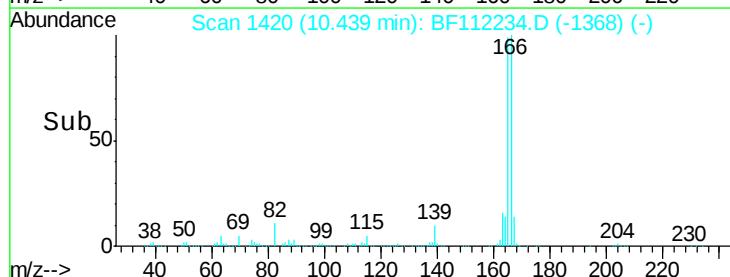
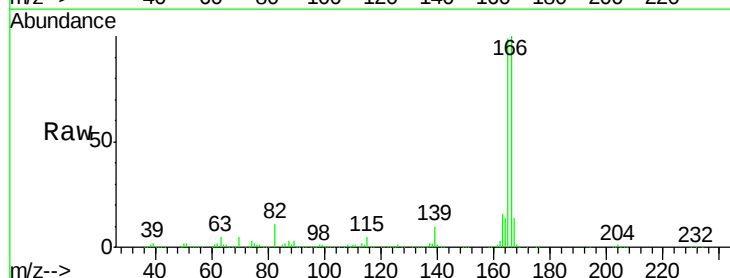
Tgt Ion:166 Resp: 1363036

Ion Ratio Lower Upper

166 100

165 98.7 77.1 115.7

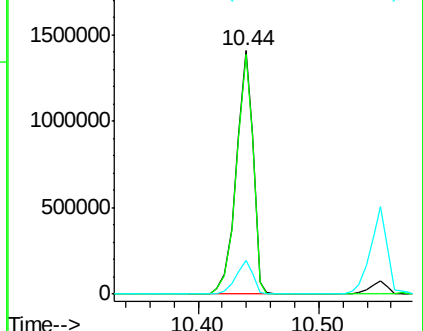
167 13.8 11.3 16.9

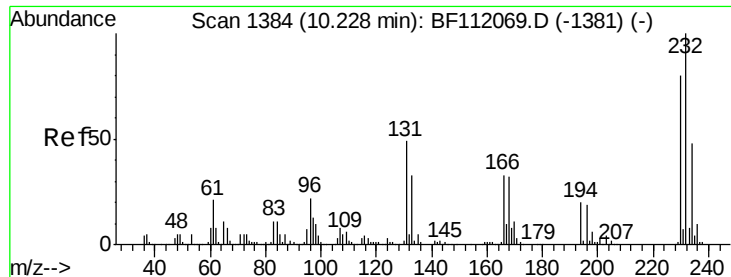


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

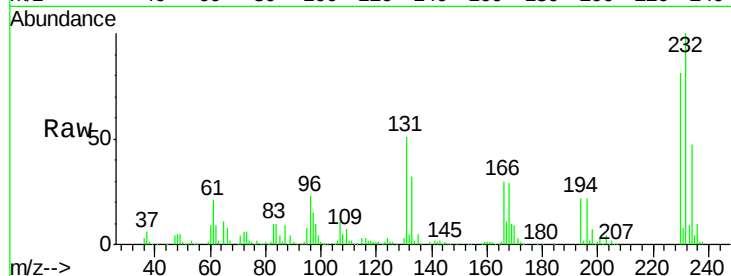




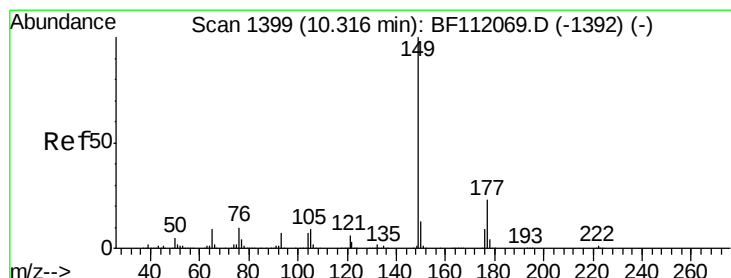
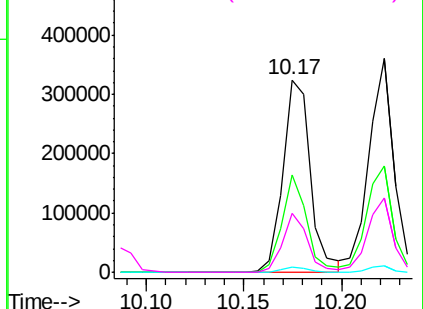
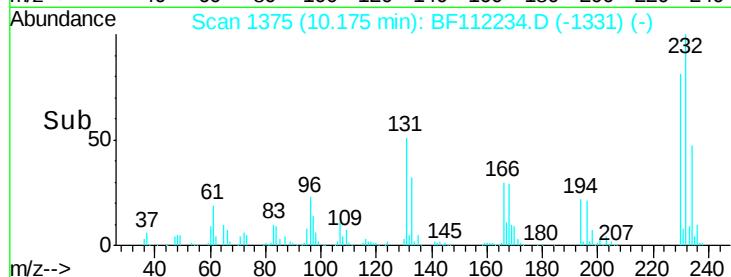
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 78.25 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. -0.04 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion:232 Resp: 315071  
 Ion Ratio Lower Upper  
 232 100  
 131 46.0 33.9 50.9  
 130 2.6 1.8 2.6  
 166 28.1 23.6 35.4

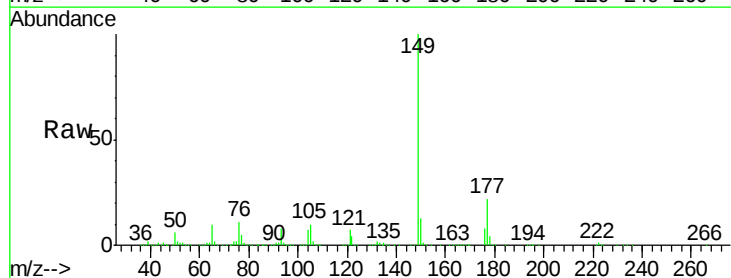


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

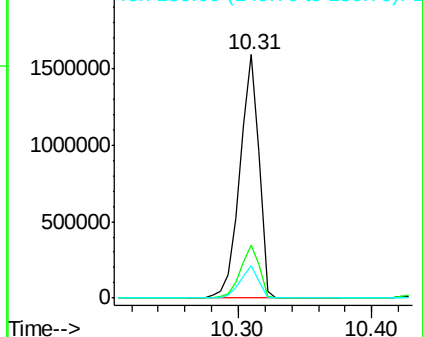
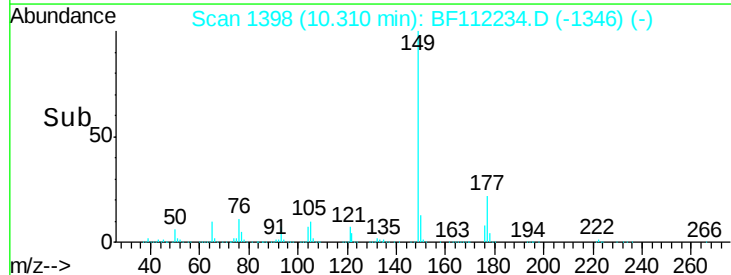


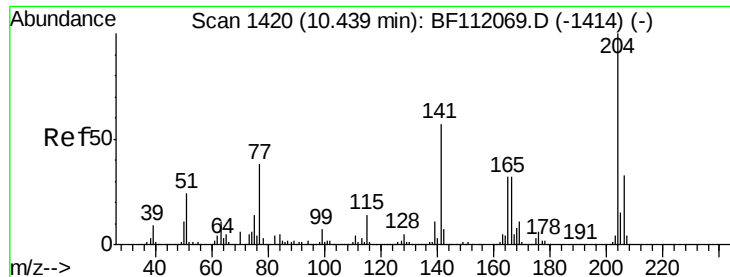
#60  
 Diethylphthalate  
 Concen: 84.90 ng  
 RT: 10.31 min Scan# 1398  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

Tgt Ion:149 Resp: 1576296  
 Ion Ratio Lower Upper  
 149 100  
 177 21.9 18.2 27.2  
 150 13.1 10.4 15.6



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: 78.80 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

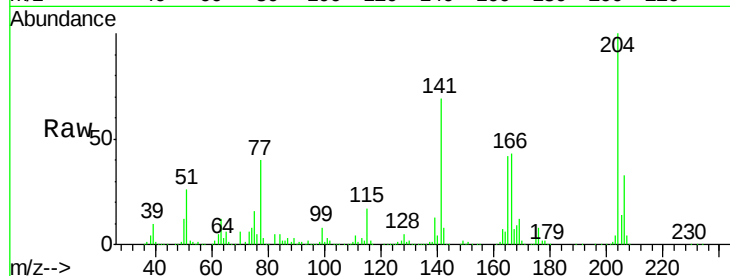
Tot Ion:204 Resp: 732238

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

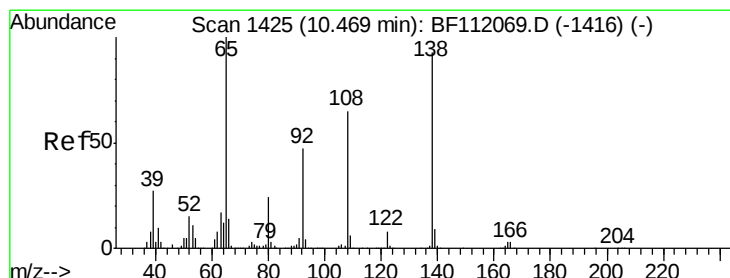
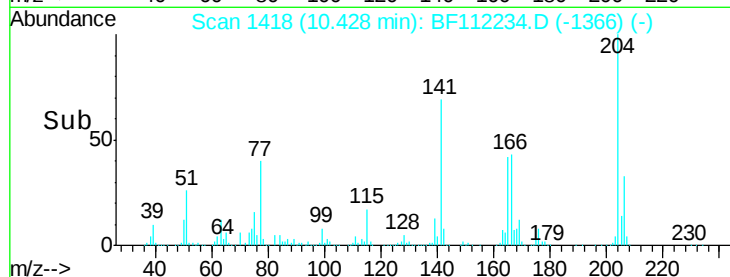
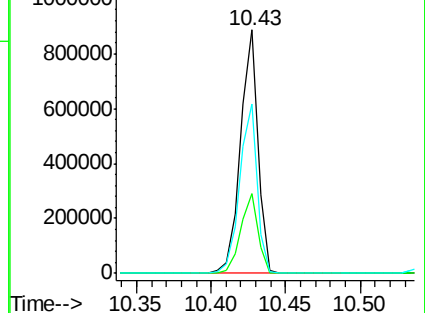
141 69.3 45.9 68.9#



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: 90.23 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.02 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

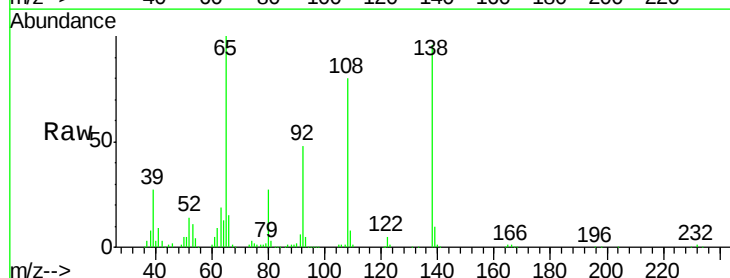
Tgt Ion:138 Resp: 380557

Ion Ratio Lower Upper

138 100

92 49.9 30.6 70.6

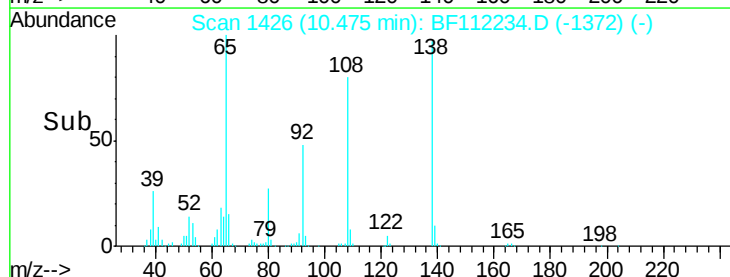
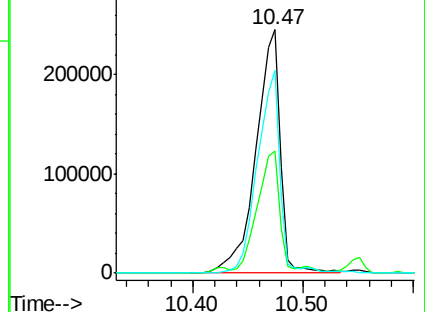
108 83.3 50.0 90.0

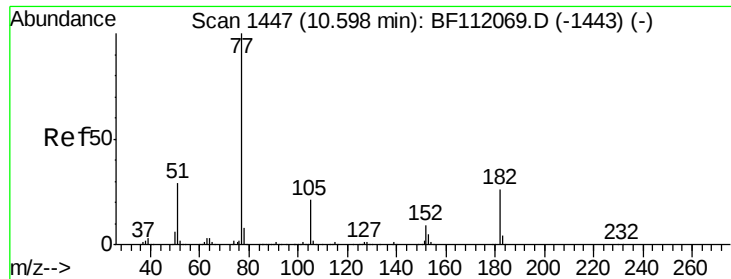


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 80.94 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 1439047

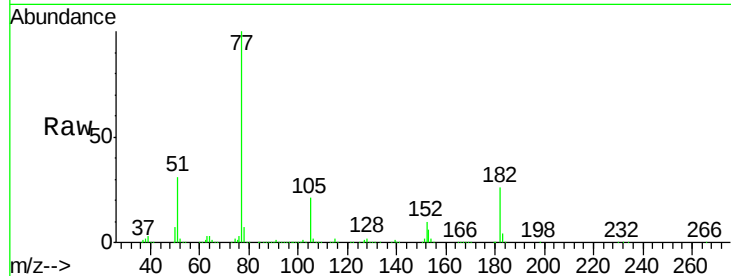
Ion Ratio Lower Upper

77 100

182 25.6 5.7 45.7

105 21.5 1.4 41.4

51 30.7 9.5 49.5

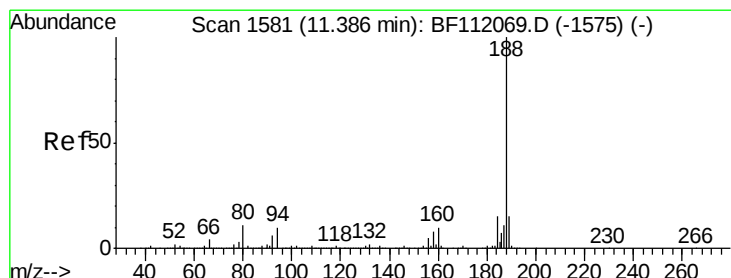
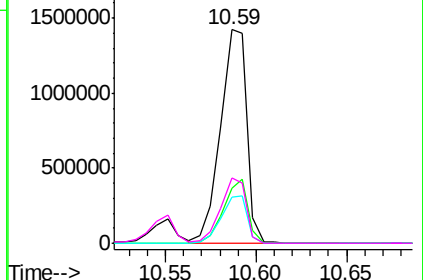
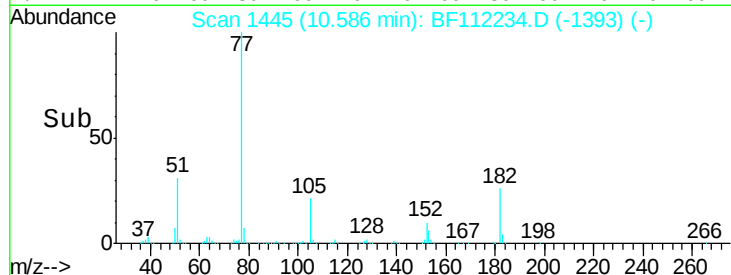


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 20.00 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

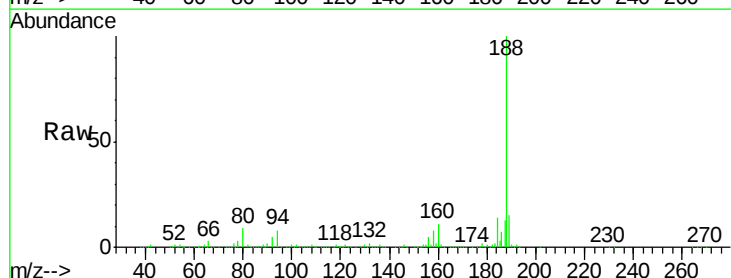
Tgt Ion: 188 Resp: 497294

Ion Ratio Lower Upper

188 100

94 7.6 8.2 12.2#

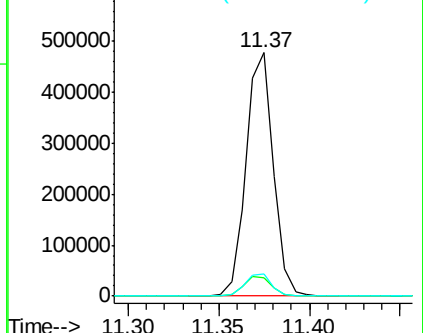
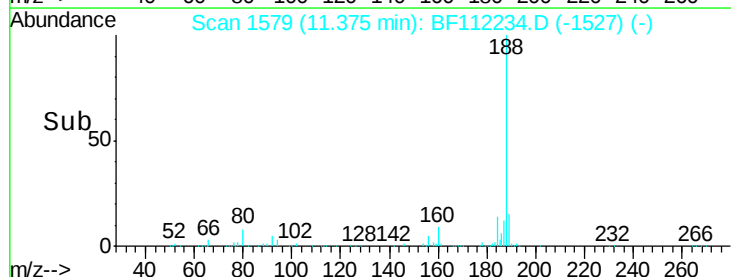
80 9.0 8.9 13.3

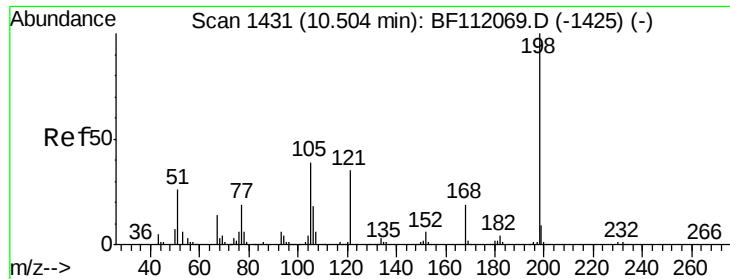


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 137.19 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

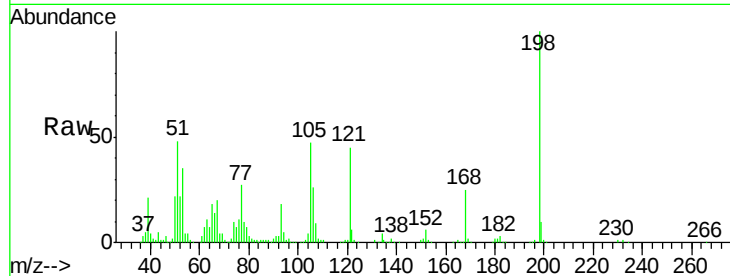
BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:198 Resp: 241904

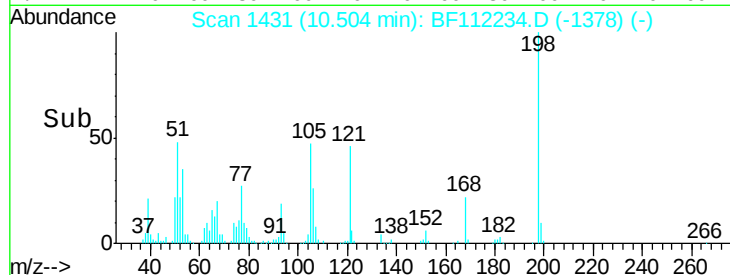
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 48.2  | 17.2  | 57.2  |
| 105 | 46.9  | 21.9  | 61.9  |



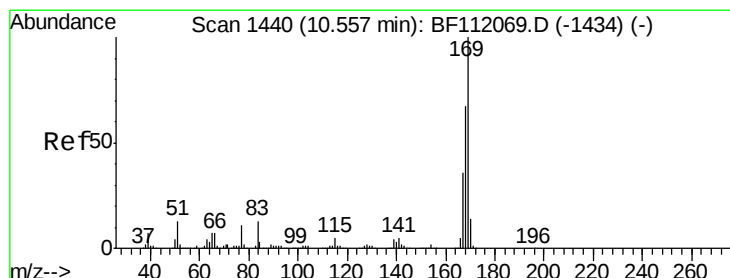
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time--> 10.40 10.50 10.60



#66

n-Nitrosodiphenylamine

Concen: 79.65 ng

RT: 10.55 min Scan# 1439

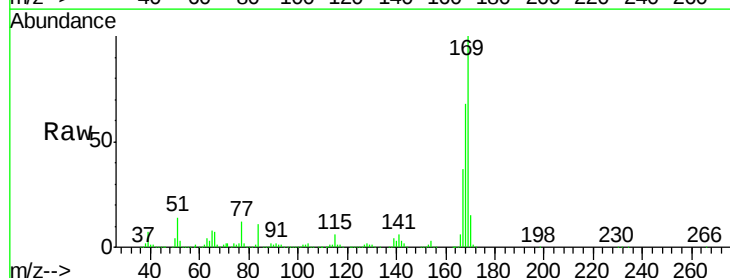
Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Tgt Ion:169 Resp: 1309528

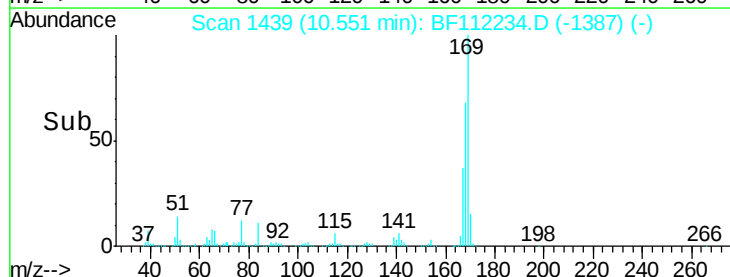
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 67.7  | 53.9  | 80.9  |
| 167 | 37.2  | 28.9  | 43.3  |



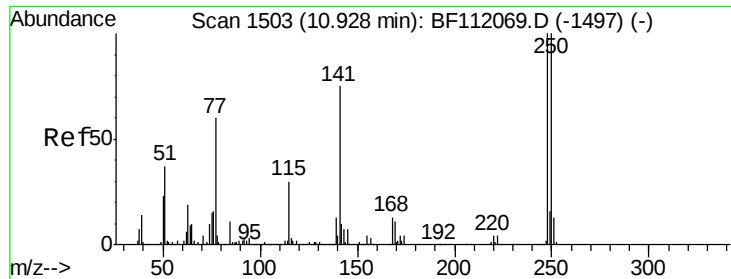
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 10.40 10.50 10.60 10.70



#67

4-Bromophenyl-phenylether

Concen: 80.17 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

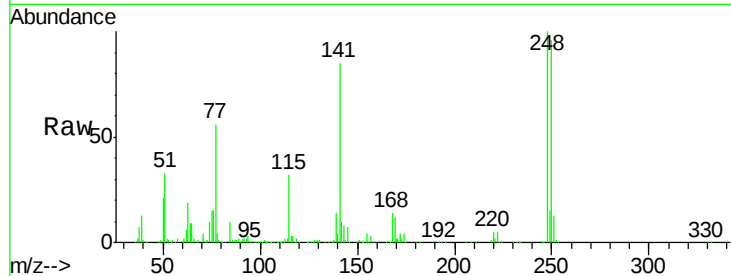
Tot Ion:248 Resp: 463083

Ion Ratio Lower Upper

248 100

250 96.2 79.7 119.5

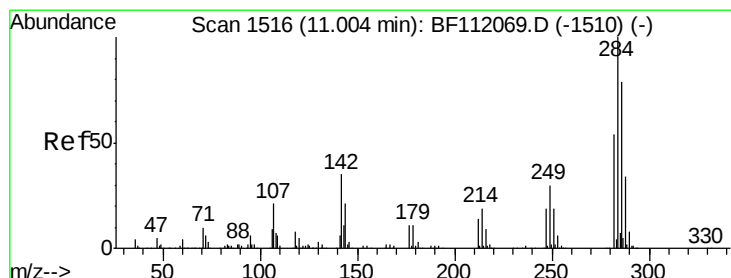
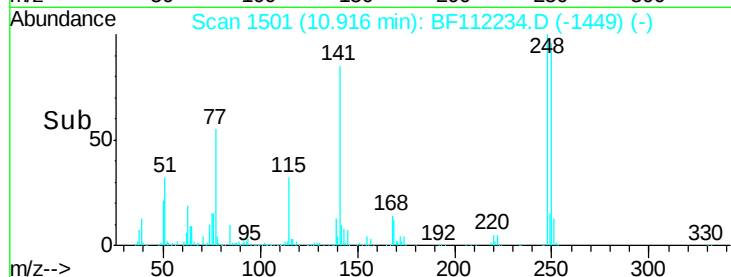
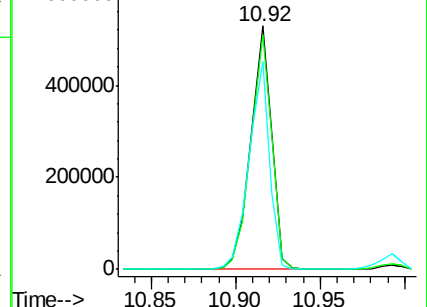
141 85.2 60.3 90.5



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 79.78 ng

RT: 10.99 min Scan# 1514

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

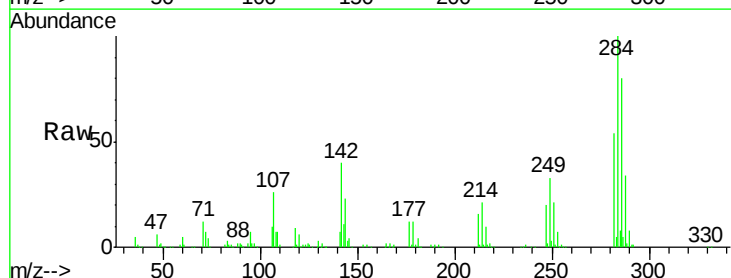
Tgt Ion:284 Resp: 496441

Ion Ratio Lower Upper

284 100

142 39.8 27.6 41.4

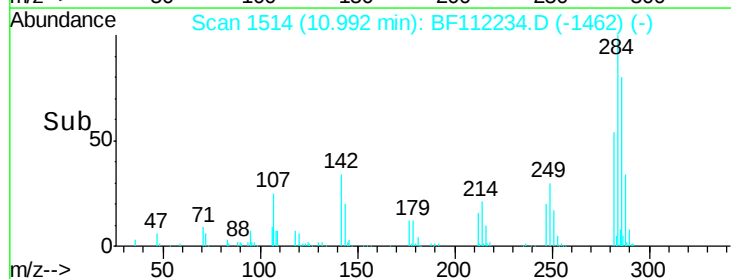
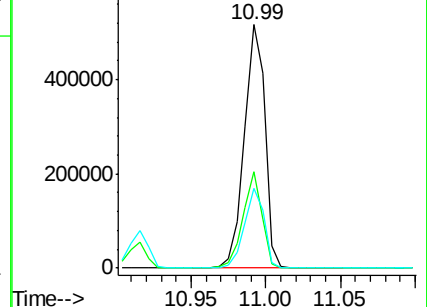
249 32.6 24.1 36.1

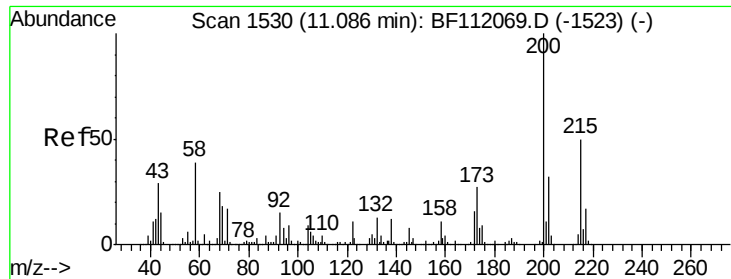


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

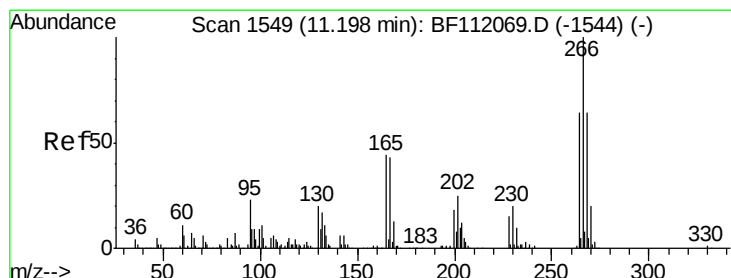
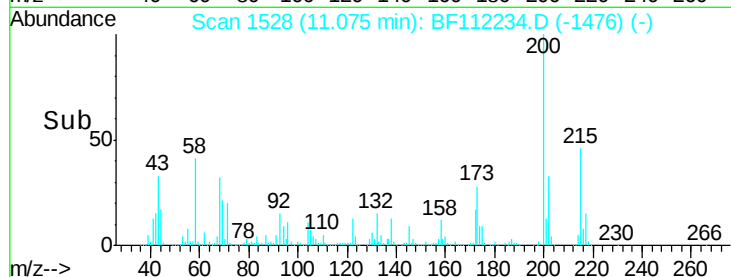
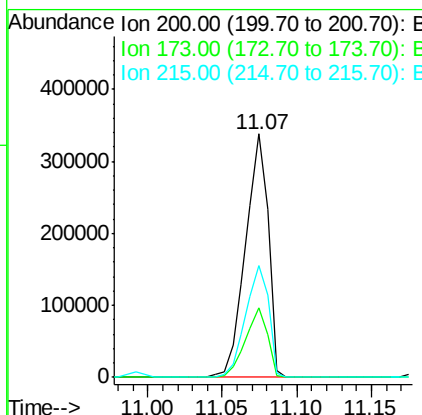
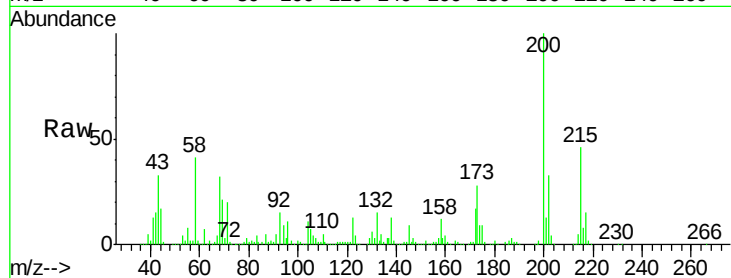




#69  
 Atrazine  
 Concen: 67.23 ng  
 RT: 11.07 min Scan# 1528  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

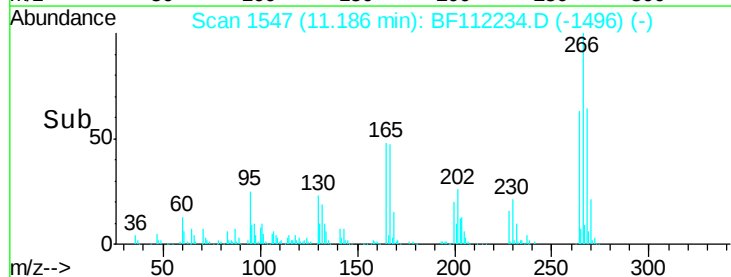
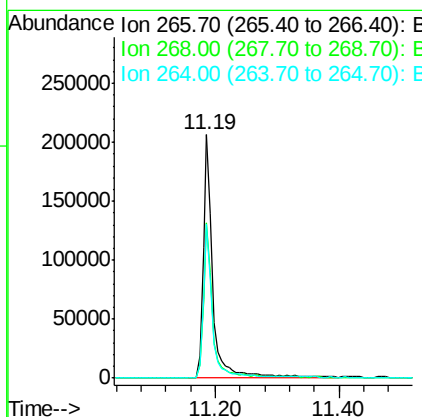
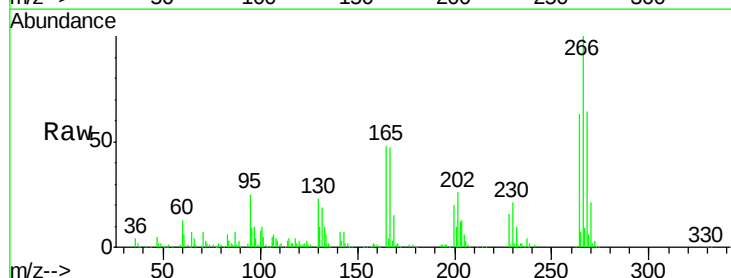
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

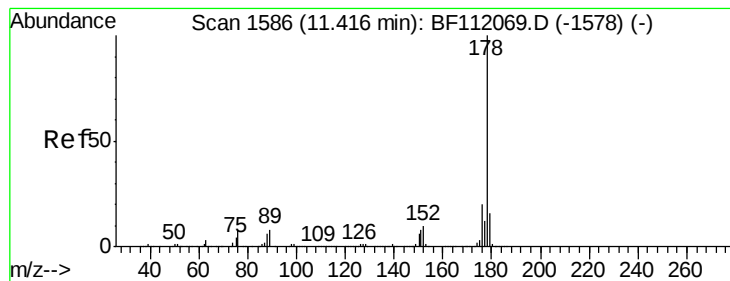
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.3  | 7.1   | 47.1  |
| 215     | 46.1  | 30.4  | 70.4  |



#70  
 Pentachlorophenol  
 Concen: 89.54 ng  
 RT: 11.19 min Scan# 1547  
 Delta R.T. 0.00 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.7  | 51.2  | 76.8  |
| 264     | 63.3  | 50.9  | 76.3  |





#71

Phenanthrene

Concen: 78.13 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

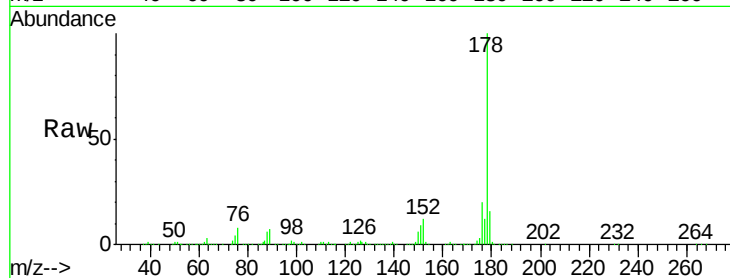
Tot Ion:178 Resp: 1955413

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

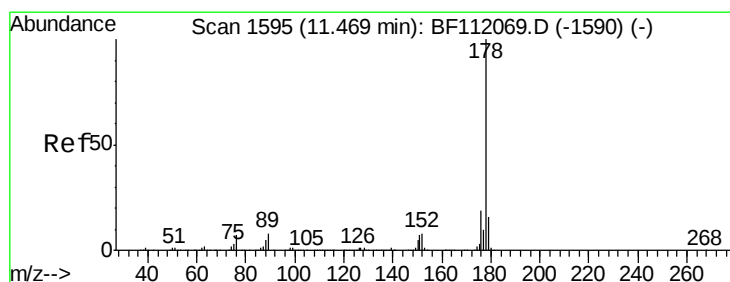
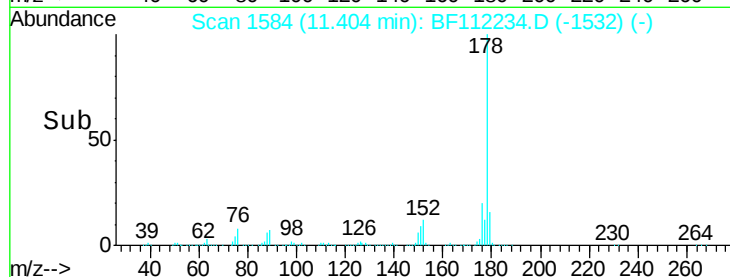
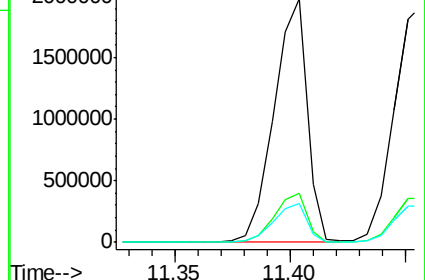
179 15.7 13.0 19.4



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: 77.94 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

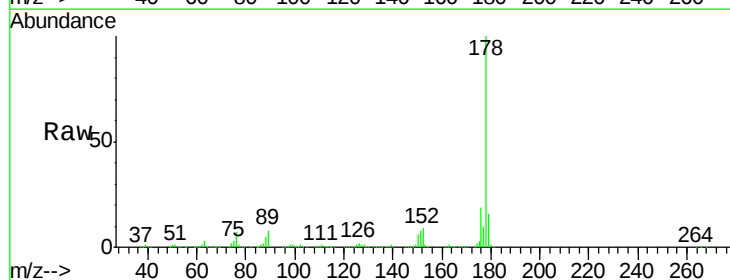
Tgt Ion:178 Resp: 1975918

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

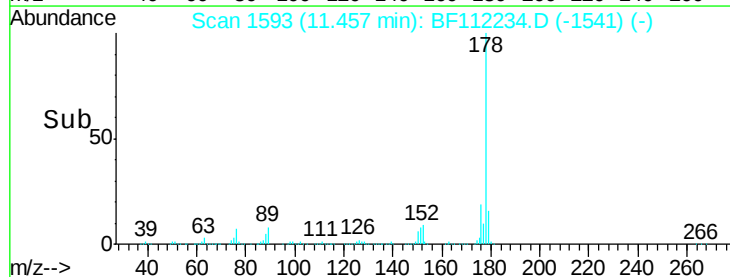
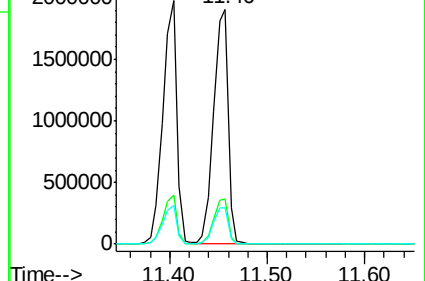
179 15.6 12.8 19.2

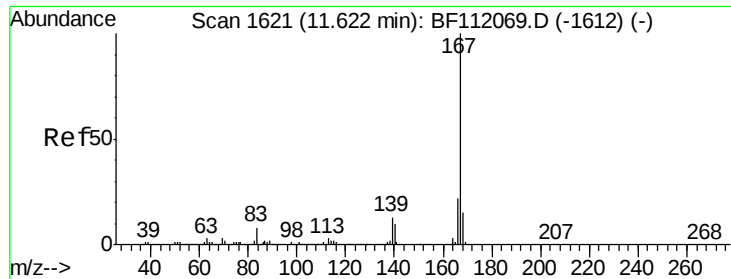


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



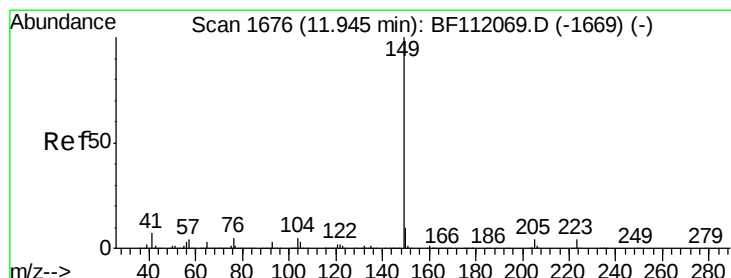
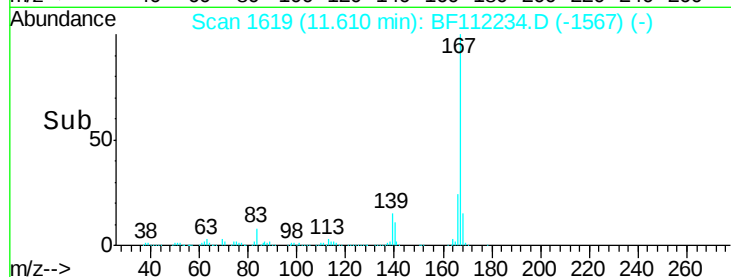
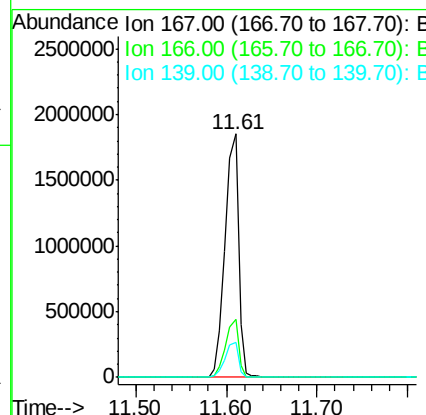
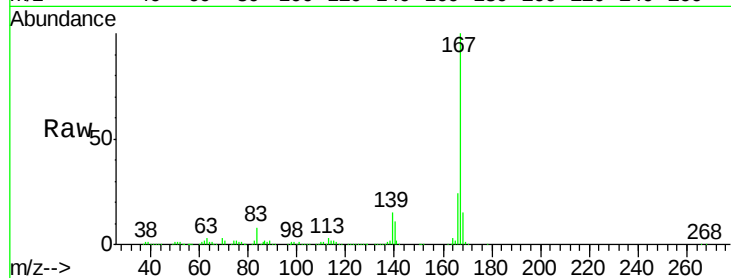


#73  
 Carbazole  
 Concen: 74.99 ng  
 RT: 11.61 min Scan# 1619  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Tot Ion:167 Resp: 1904360  

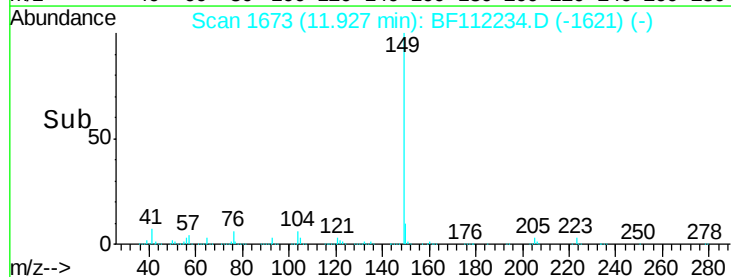
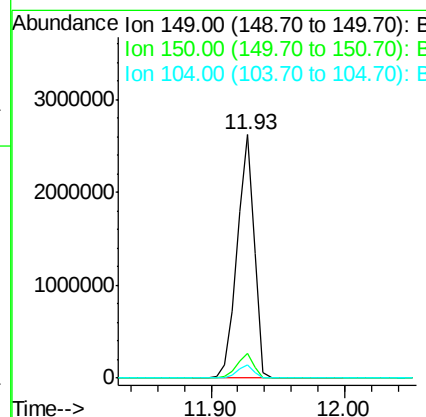
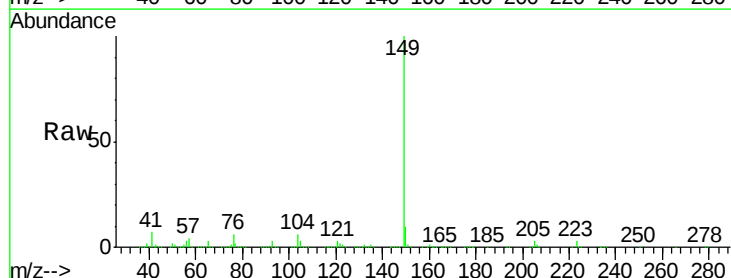
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.6  | 17.9  | 26.9  |
| 139 | 14.5  | 10.2  | 15.2  |

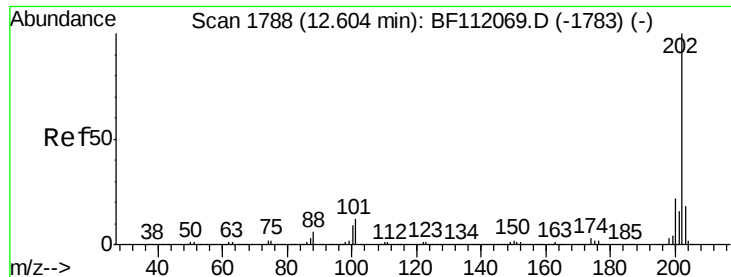


#74  
 Di-n-butylphthalate  
 Concen: 83.12 ng  
 RT: 11.93 min Scan# 1673  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

Tgt Ion:149 Resp: 2374401  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.9   | 8.1   | 12.1  |
| 104 | 5.6   | 3.9   | 5.9   |





#75

Fluoranthene

Concen: 74.59 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

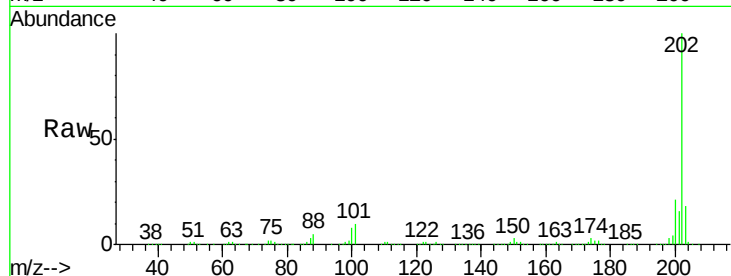
BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:202 Resp: 1970944

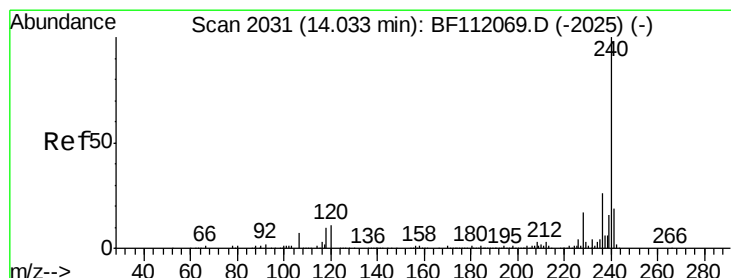
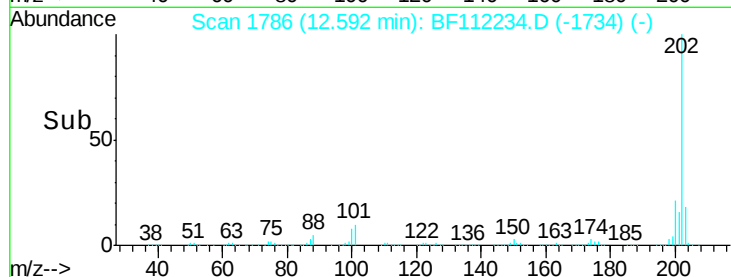
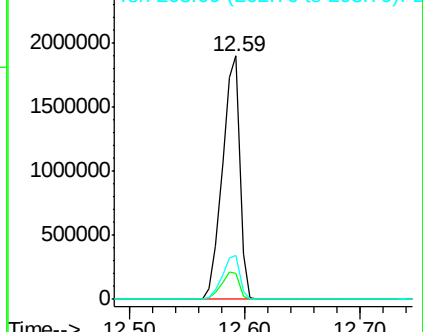
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 10.5  | 0.0   | 31.8  |
| 203 | 18.1  | 0.0   | 38.4  |



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: 20.00 ng

RT: 14.02 min Scan# 2028

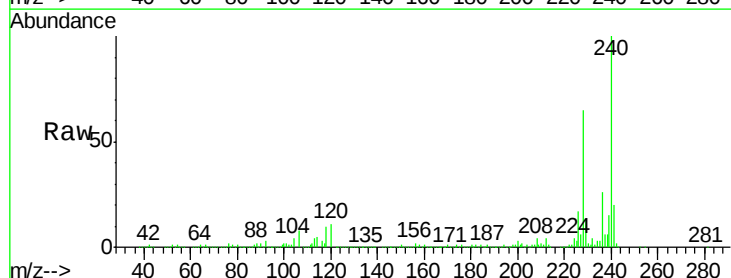
Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Tgt Ion:240 Resp: 356670

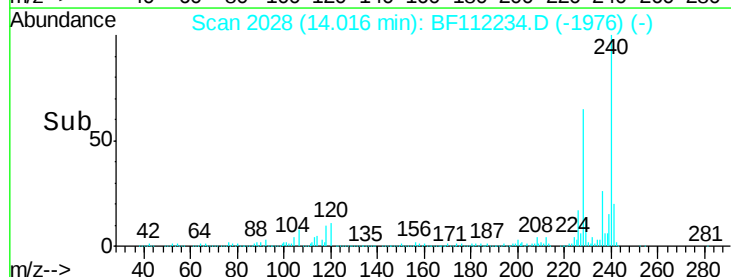
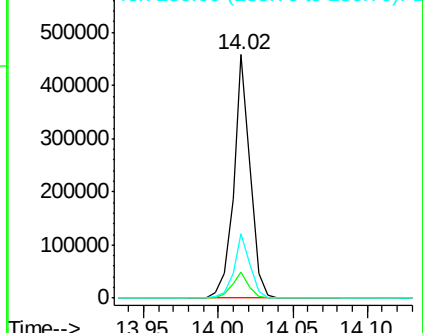
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 10.6  | 9.0   | 13.6  |
| 236 | 26.4  | 20.7  | 31.1  |

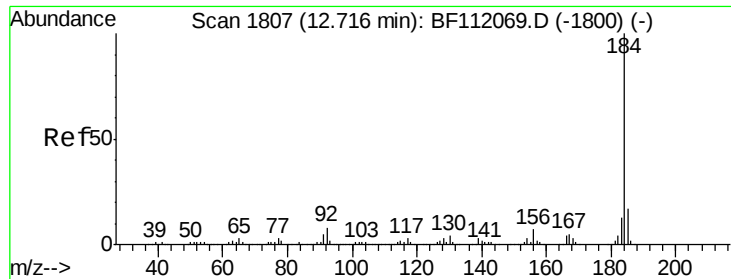


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.50 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

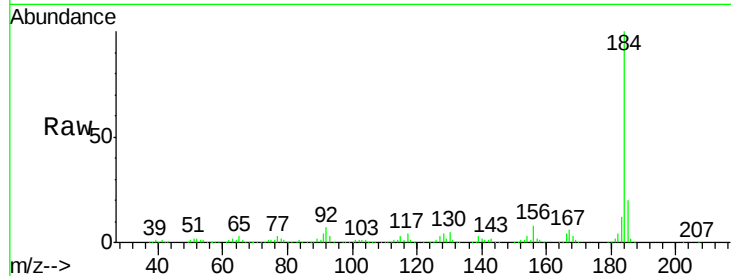
Tot Ion:184 Resp: 624793

Ion Ratio Lower Upper

184 100

185 19.8 13.9 20.9

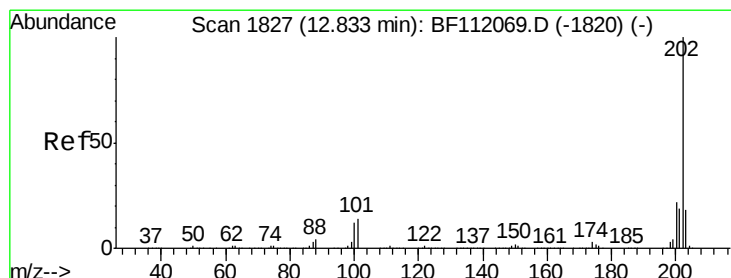
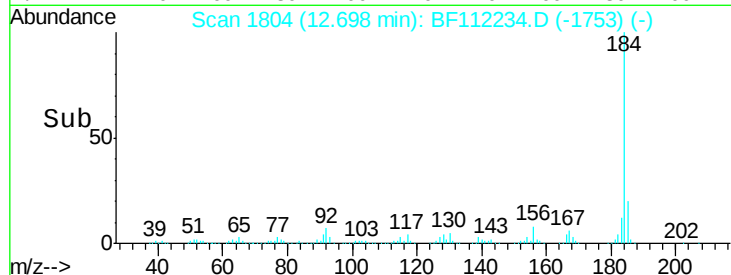
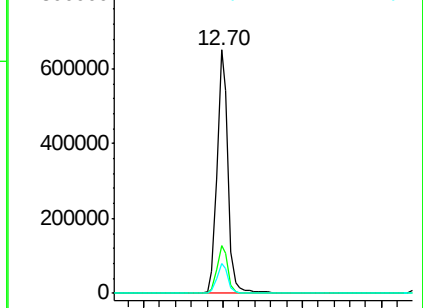
183 12.1 10.0 15.0



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: 86.39 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

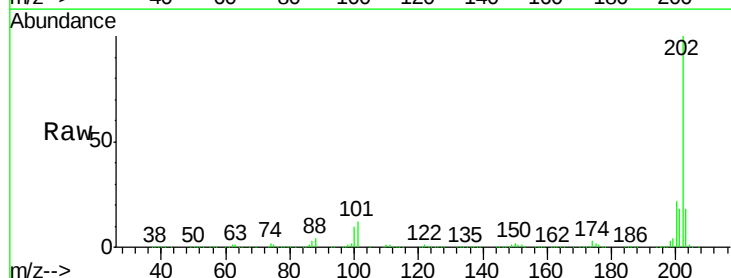
Tgt Ion:202 Resp: 2032983

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

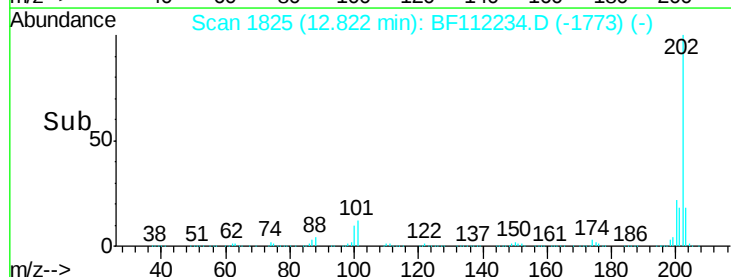
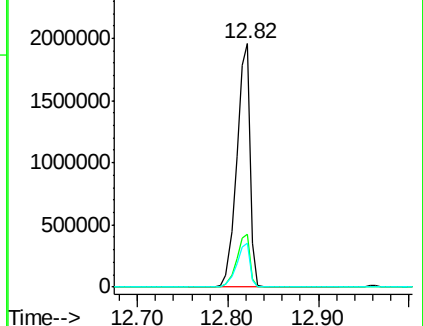
203 17.8 14.6 22.0

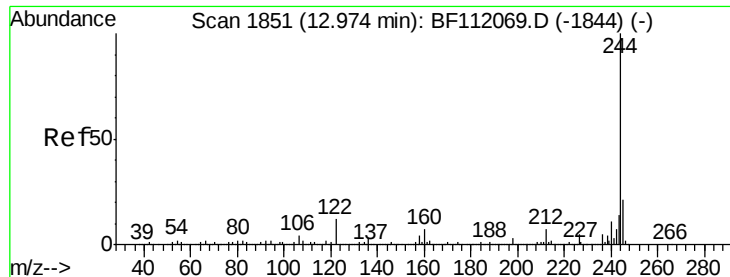


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 180.63 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

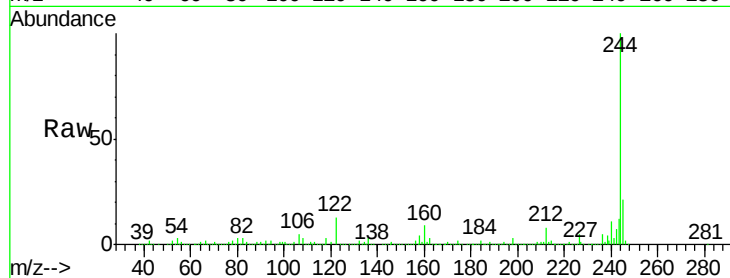
Tot Ion:244 Resp: 3028476

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

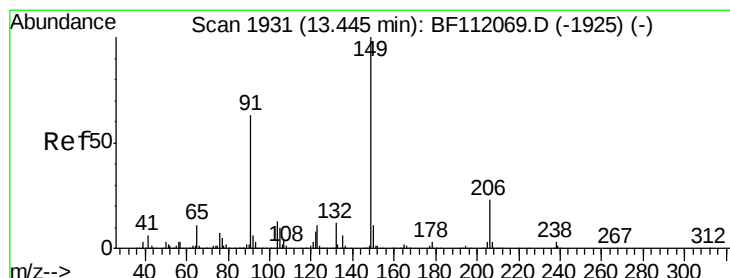
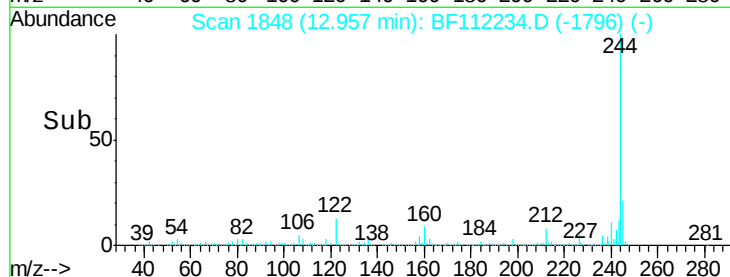
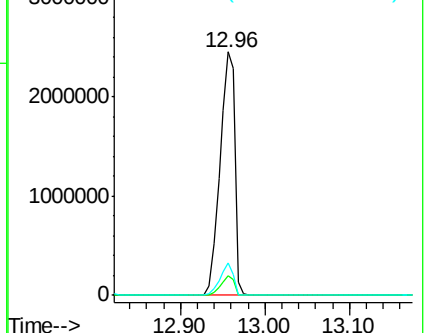
122 13.1 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 96.17 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

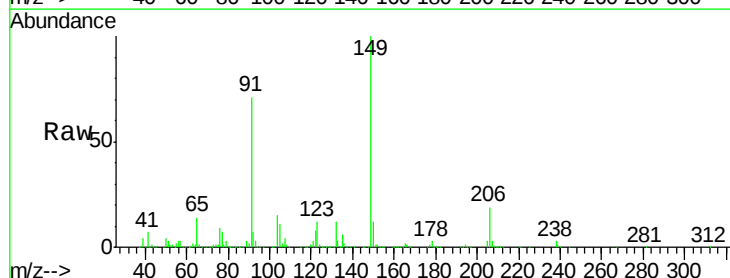
Tgt Ion:149 Resp: 992851

Ion Ratio Lower Upper

149 100

91 71.1 50.3 75.5

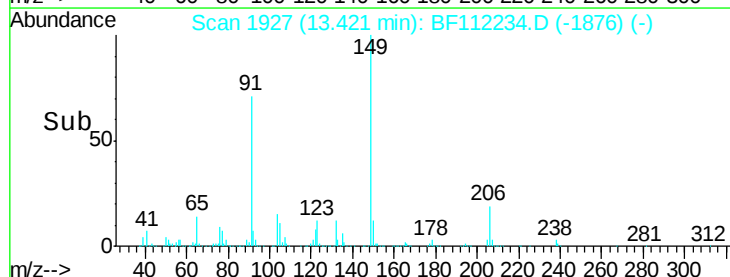
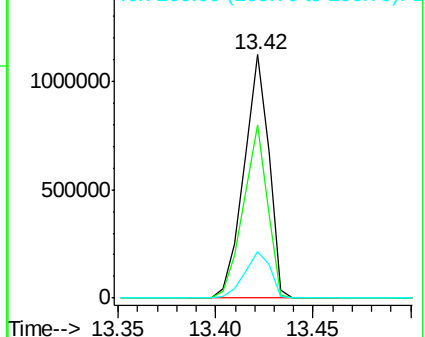
206 19.3 18.2 27.4

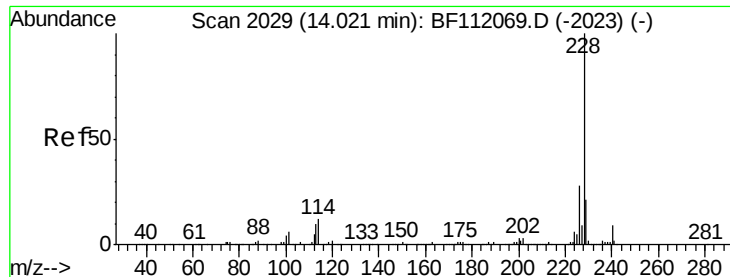


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 79.20 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

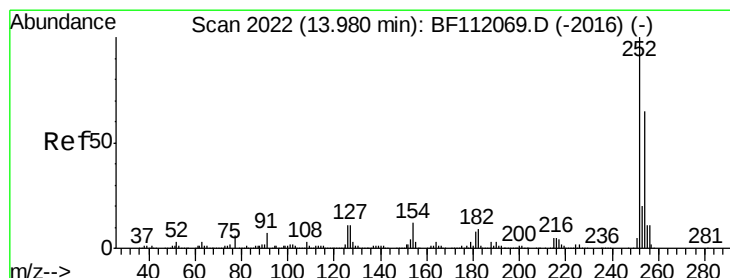
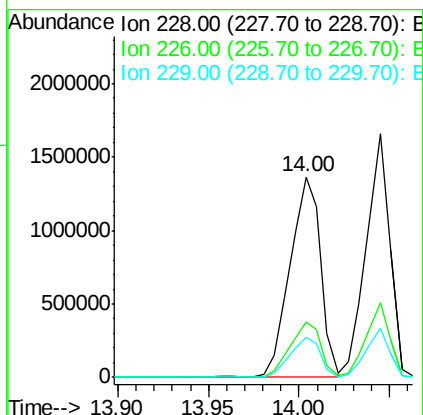
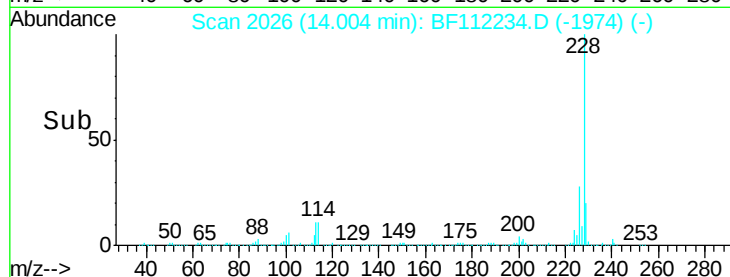
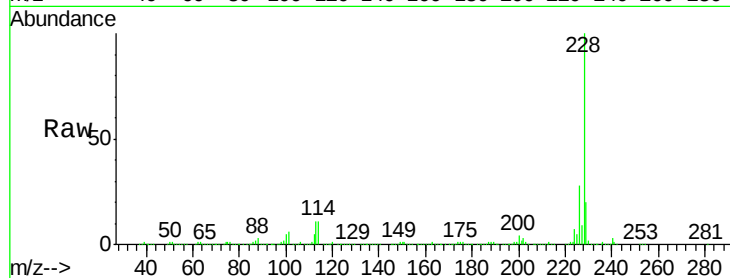
BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:228 Resp: 1619735

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.8  | 22.6  | 34.0  |
| 229 | 20.0  | 16.5  | 24.7  |



#82

3,3'-Dichlorobenzidine

Concen: 68.09 ng

RT: 13.96 min Scan# 2019

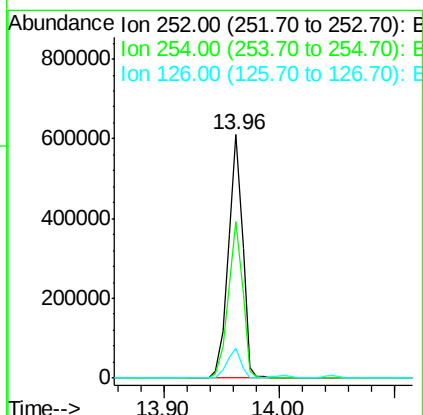
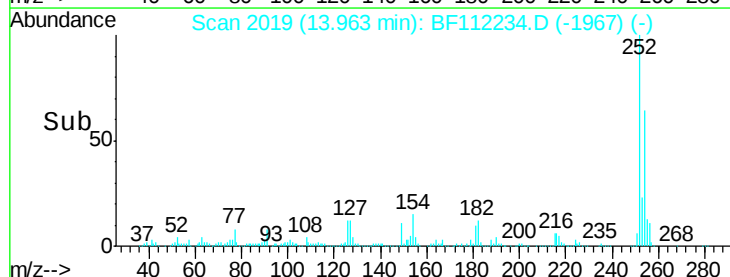
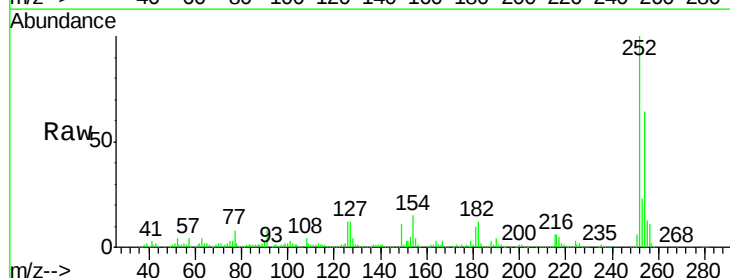
Delta R.T. 0.01 min

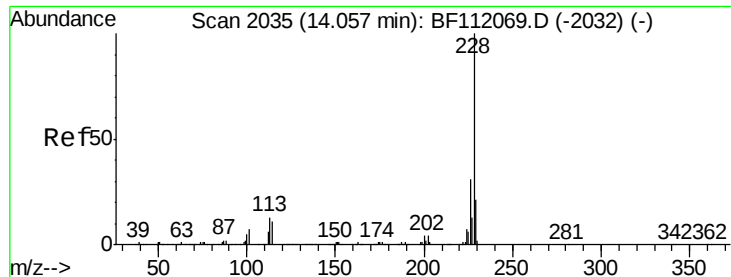
Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Tgt Ion:252 Resp: 521485

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.1  | 51.6  | 77.4  |
| 126 | 12.0  | 8.6   | 12.8  |

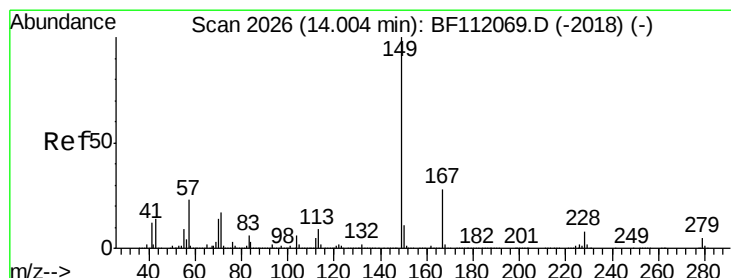
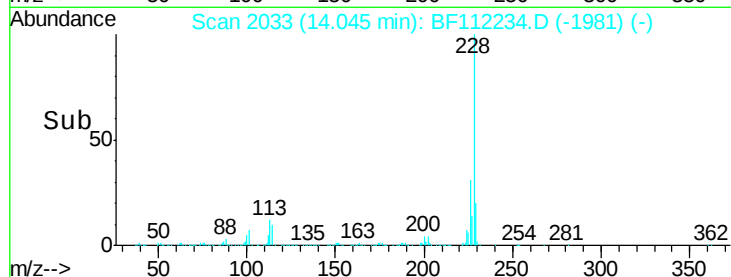
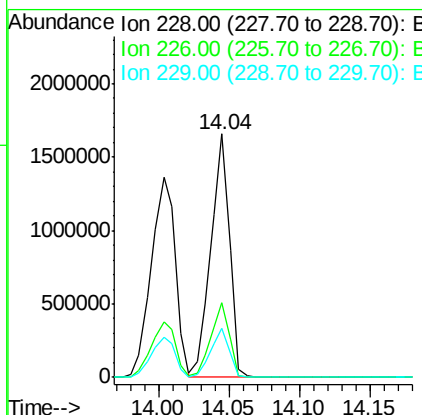
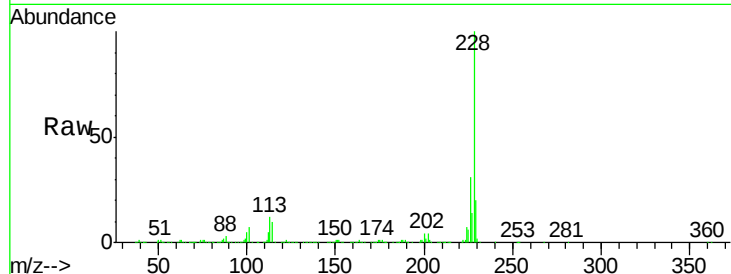




#83  
 Chrysene  
 Concen: 78.83 ng  
 RT: 14.04 min Scan# 2033  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

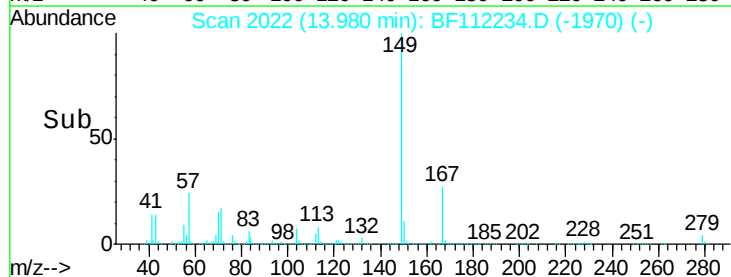
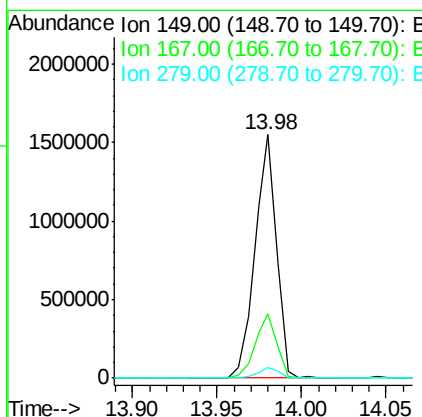
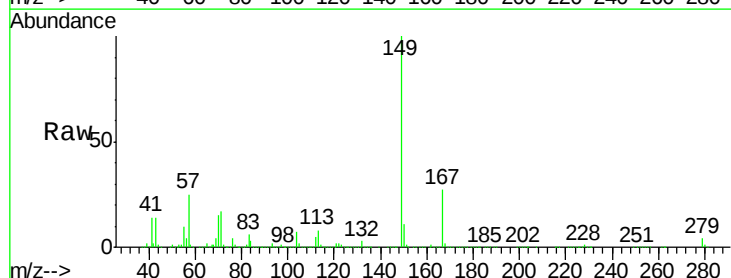
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

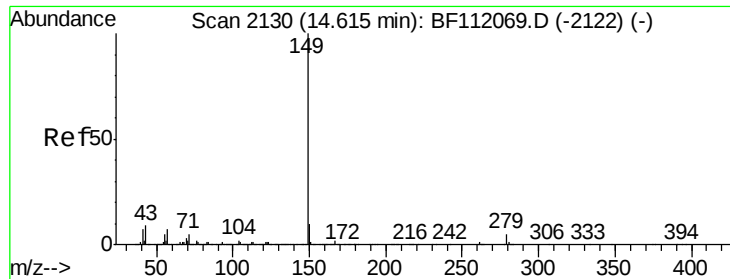
Tot Ion:228 Resp: 1525388  
 Ion Ratio Lower Upper  
 228 100  
 226 30.7 25.0 37.6  
 229 20.1 16.6 24.8



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 93.16 ng  
 RT: 13.98 min Scan# 2022  
 Delta R.T. 0.01 min  
 Lab File: BF112234.D  
 Acq: 25 Jan 2019 15:39

Tgt Ion:149 Resp: 1378332  
 Ion Ratio Lower Upper  
 149 100  
 167 26.7 22.5 33.7  
 279 4.4 3.8 5.6

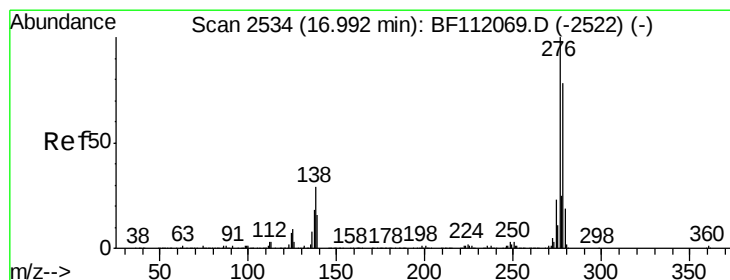
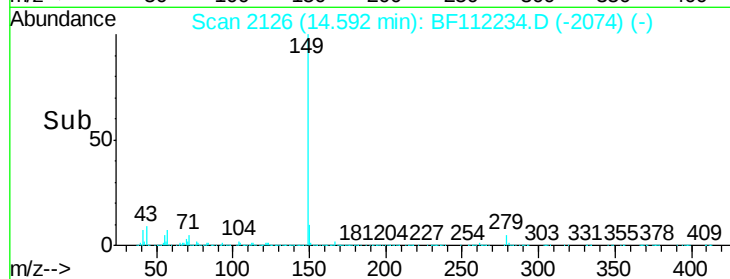
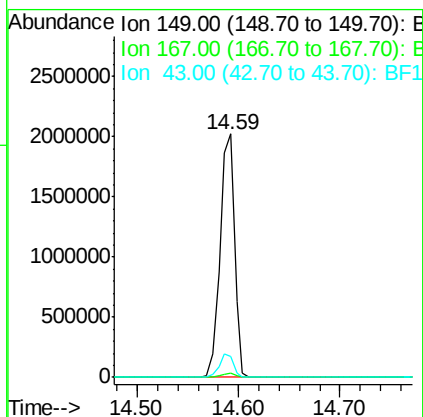
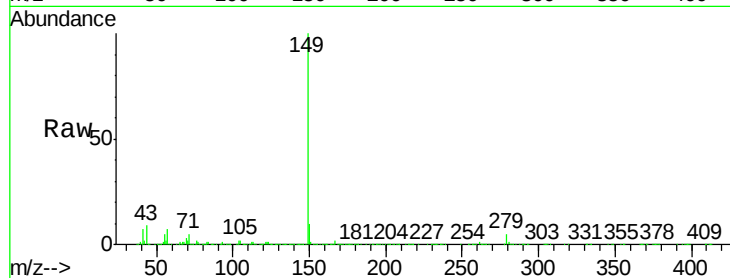




#85  
Di-n-octyl phthalate  
Concen: 87.61 ng  
RT: 14.59 min Scan# 2126  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

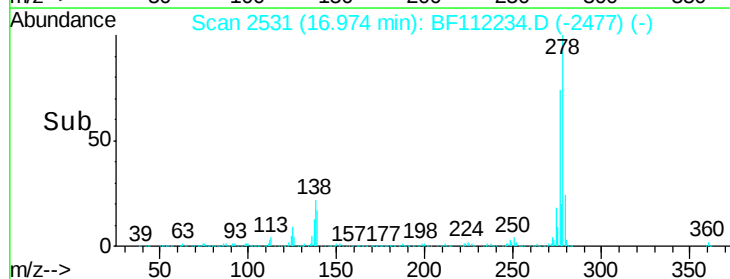
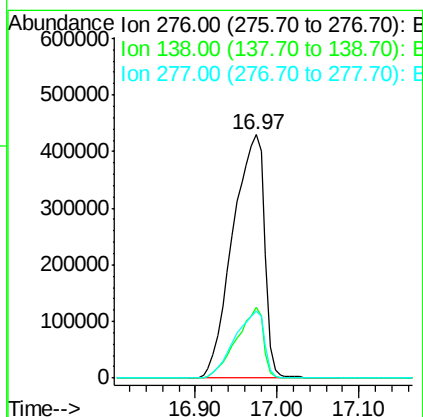
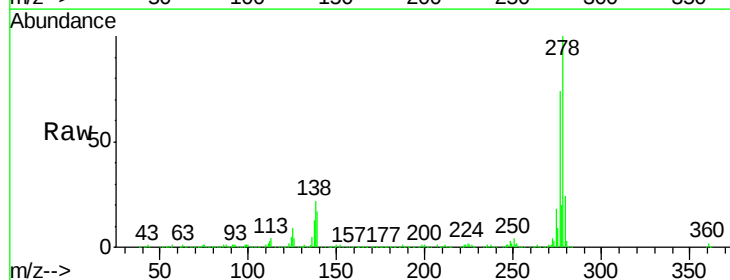
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

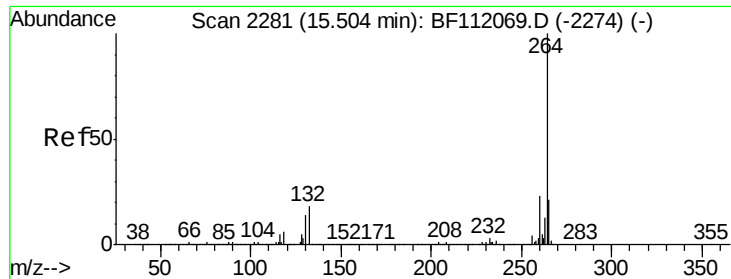
Tot Ion:149 Resp: 1997217  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 9.2 7.8 11.6



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 65.19 ng  
RT: 16.97 min Scan# 2531  
Delta R.T. 0.02 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Tgt Ion:276 Resp: 1163773  
Ion Ratio Lower Upper  
276 100  
138 24.9 22.6 34.0  
277 26.0 20.3 30.5

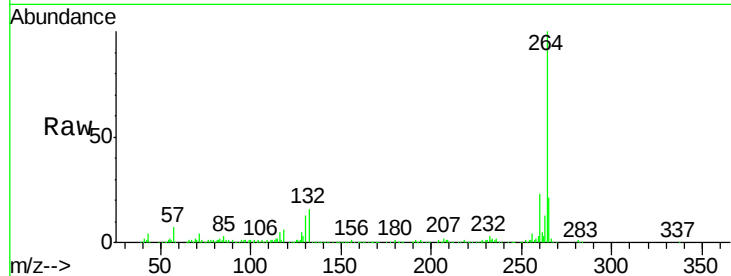




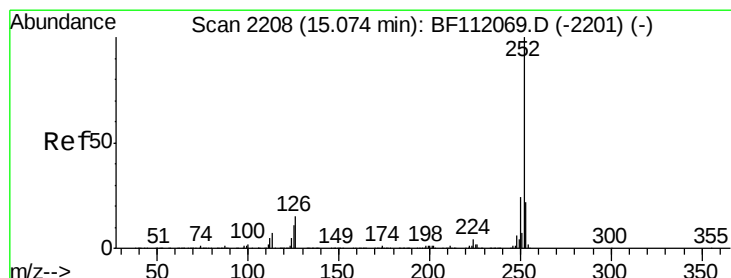
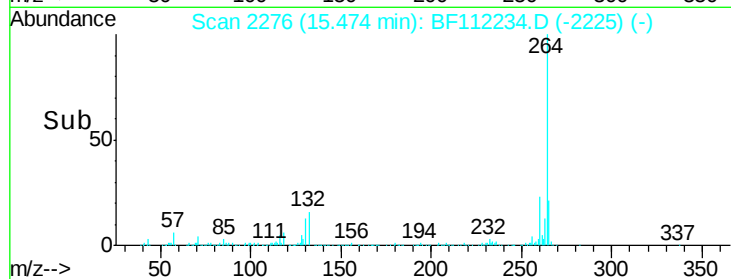
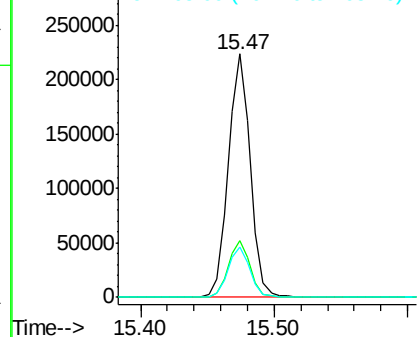
#87  
Pervlene-d12  
Concen: 20.00 ng  
RT: 15.47 min Scan# 2276  
Delta R.T. 0.00 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tot Ion:264 Resp: 260184  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.2 27.2  
265 20.9 17.0 25.4

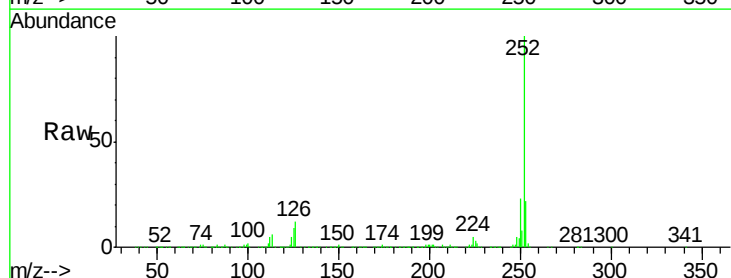


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

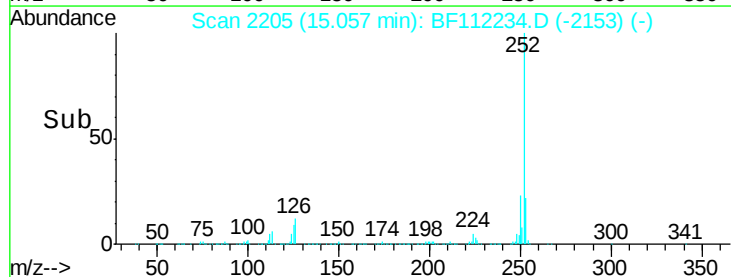
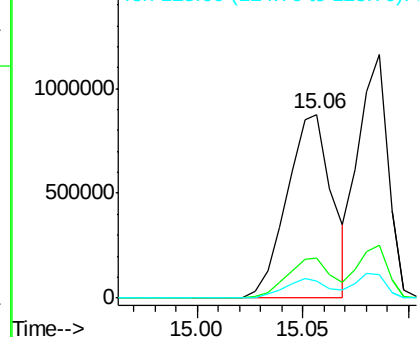


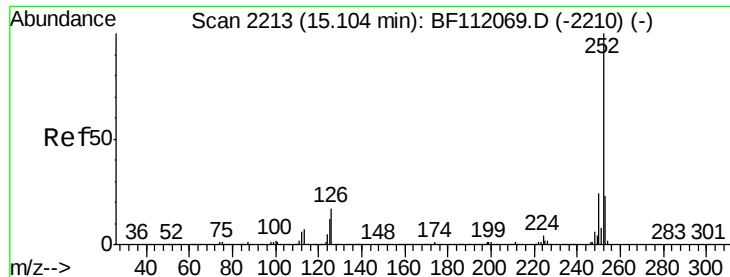
#88  
Benzo(b)fluoranthene  
Concen: 88.63 ng  
RT: 15.06 min Scan# 2205  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Tgt Ion:252 Resp: 1308963  
Ion Ratio Lower Upper  
252 100  
253 21.7 18.0 27.0  
125 9.5 8.7 13.1



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

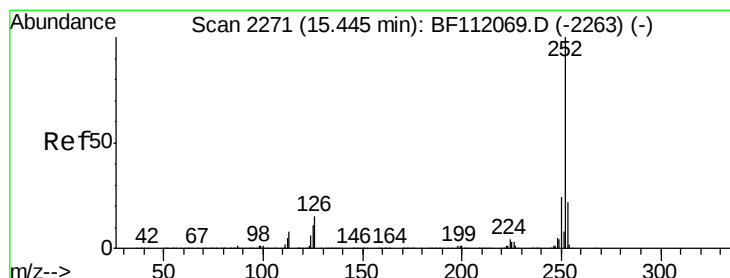
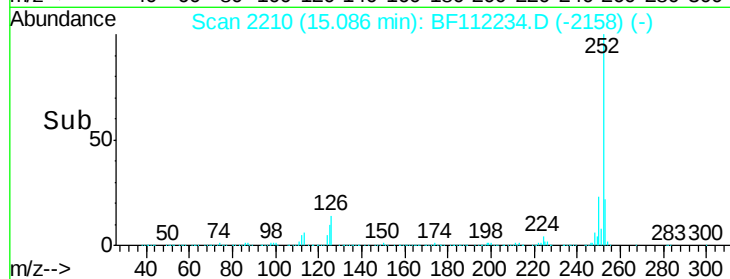
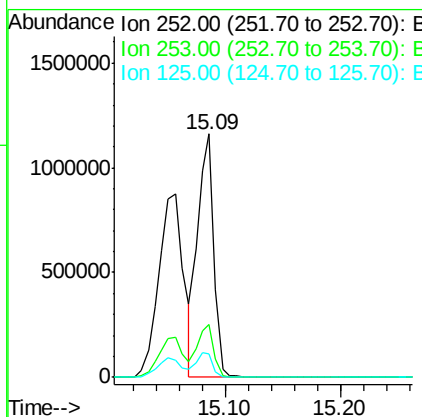
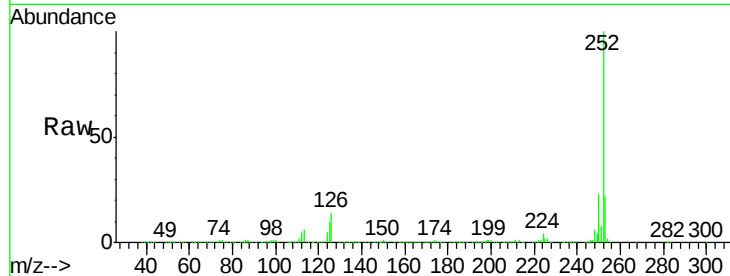




#89  
Benzo(k)fluoranthene  
Concen: 80.30 ng  
RT: 15.09 min Scan# 2210  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

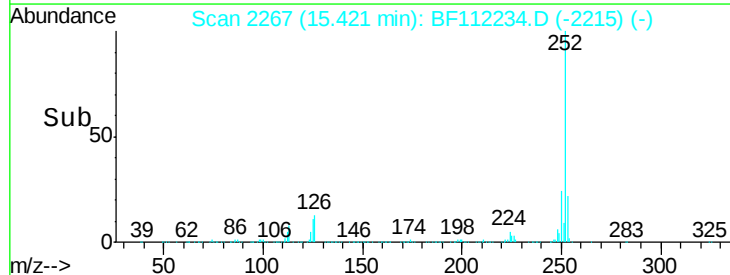
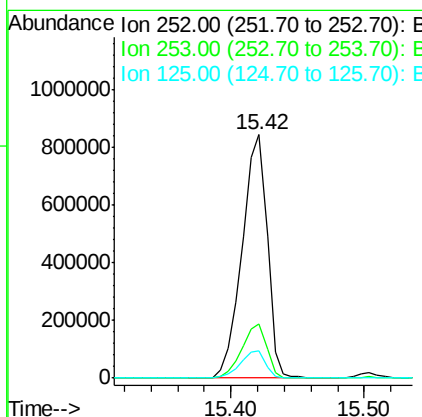
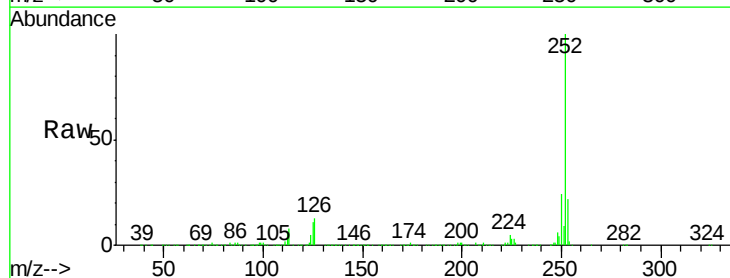
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

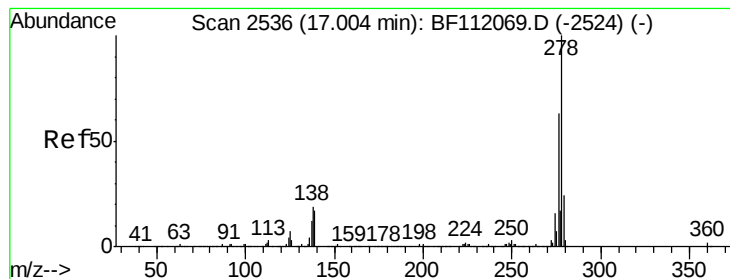
Tot Ion:252 Resp: 1147822  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.0 27.0  
125 9.7 9.1 13.7



#90  
Benzo(a)pyrene  
Concen: 81.35 ng  
RT: 15.42 min Scan# 2267  
Delta R.T. 0.01 min  
Lab File: BF112234.D  
Acq: 25 Jan 2019 15:39

Tgt Ion:252 Resp: 1101845  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 11.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 80.79 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

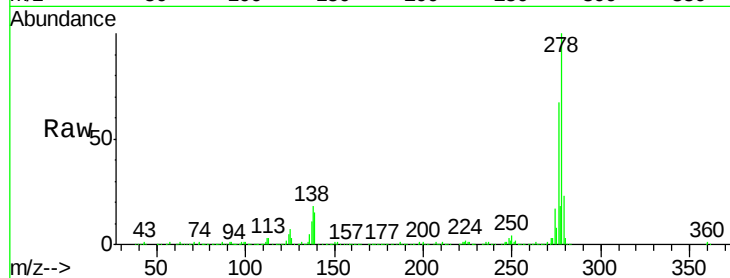
Tot Ion:278 Resp: 971845

Ion Ratio Lower Upper

278 100

139 15.0 13.7 20.5

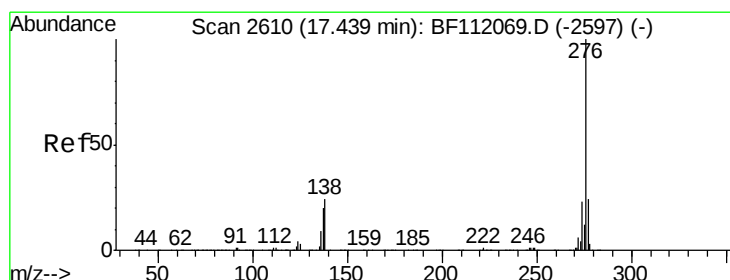
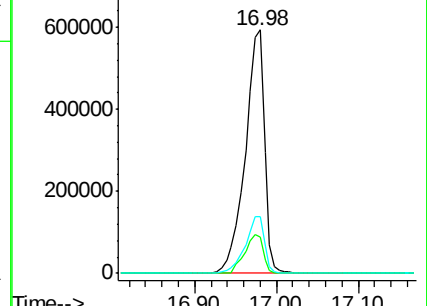
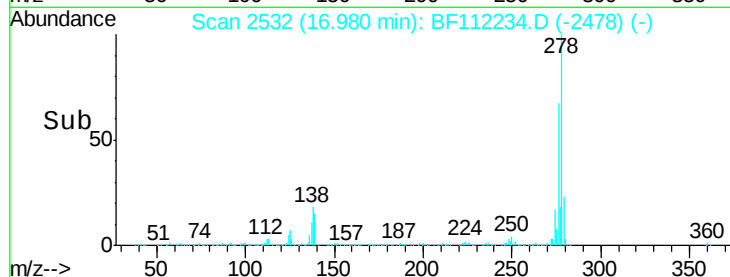
279 23.5 19.0 28.6



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: 80.42 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.02 min

Lab File: BF112234.D

Acq: 25 Jan 2019 15:39

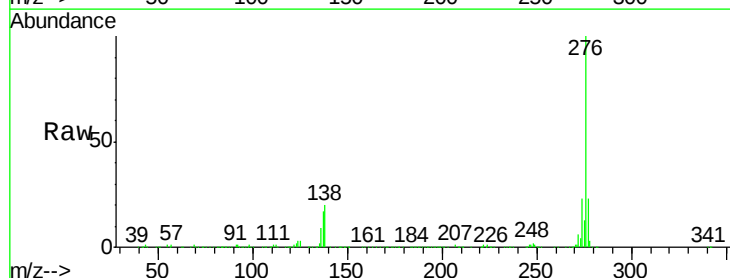
Tgt Ion:276 Resp: 953120

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.0

138 20.0 19.1 28.7



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

