

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\  
 Data File : BF113612.D  
 Acq On : 5 Apr 2019 9:44  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 05 13:53:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 04 04:05:31 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.69  | 152  | 135691   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.97  | 136  | 529425   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.72  | 164  | 262041   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.20 | 188  | 514843   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.83 | 240  | 367435   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.24 | 264  | 292506   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.30  | 112 | 648471  | 81.49 | ng | 0.00  |
| 7) Phenol-d6             | 6.34  | 99  | 789080  | 80.46 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.26  | 82  | 729220  | 80.68 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.52 | 330 | 257594  | 81.83 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.05  | 172 | 1342527 | 82.48 | ng | 0.00  |
| 79) Terphenyl-d14        | 12.78 | 244 | 1461521 | 80.99 | ng | -0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.33 | 88  | 145154  | 38.515 | ng | 98     |
| 3) Pyridine                    | 3.03 | 79  | 379067  | 38.433 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 2.98 | 42  | 164703  | 39.303 | ng | 93     |
| 6) Aniline                     | 6.35 | 93  | 492280  | 41.410 | ng | 90     |
| 8) 2-Chlorophenol              | 6.48 | 128 | 379470  | 41.217 | ng | 93     |
| 9) Benzaldehyde                | 6.23 | 77  | 243698  | 41.790 | ng | 100    |
| 10) Phenol                     | 6.36 | 94  | 462240  | 41.267 | ng | 86     |
| 11) bis(2-Chloroethyl)ether    | 6.43 | 93  | 347285  | 39.857 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.63 | 146 | 401090  | 40.454 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.70 | 146 | 405109  | 40.434 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.86 | 146 | 367697  | 40.658 | ng | 98     |
| 15) Benzyl Alcohol             | 6.84 | 79  | 283978  | 42.823 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.97 | 45  | 530089  | 39.085 | ng | 84     |
| 17) 2-Methylphenol             | 6.96 | 107 | 287464  | 40.291 | ng | 97     |
| 18) Hexachloroethane           | 7.19 | 117 | 144194  | 39.540 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.11 | 70  | 243958  | 40.339 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 365222  | 42.247 | ng | 94     |
| 22) Acetophenone               | 7.10 | 105 | 475608  | 40.902 | ng | # 97   |
| 24) Nitrobenzene               | 7.27 | 77  | 377005  | 40.503 | ng | 97     |
| 25) Isophorone                 | 7.52 | 82  | 692547  | 39.776 | ng | 99     |
| 26) 2-Nitrophenol              | 7.59 | 139 | 206840  | 41.289 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 7.64 | 122 | 287930  | 40.204 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.72 | 93  | 441802  | 40.135 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.84 | 162 | 319698  | 41.721 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.92 | 180 | 338243  | 40.648 | ng | 98     |
| 31) Naphthalene                | 7.99 | 128 | 1053637 | 41.075 | ng | 99     |
| 32) Benzoic acid               | 7.79 | 122 | 186102  | 33.558 | ng | 99     |
| 33) 4-Chloroaniline            | 8.05 | 127 | 436267  | 42.891 | ng | 100    |
| 34) Hexachlorobutadiene        | 8.11 | 225 | 207694  | 40.939 | ng | 99     |
| 35) Caprolactam                | 8.43 | 113 | 102417  | 42.105 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 319360  | 41.518 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.68 | 142 | 691006  | 40.958 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.78 | 142 | 665310  | 40.896 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.85 | 216 | 339479  | 40.058 | ng | 99     |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

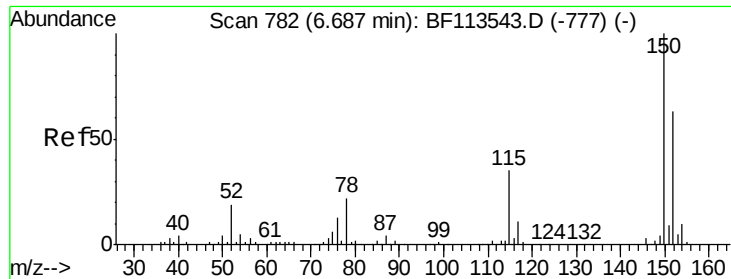
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 05 13:53:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 04 04:05:31 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.83  | 237  | 73573    | 34.032 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 8.97  | 196  | 212343   | 39.695 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.02  | 196  | 231758   | 40.354 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 9.15  | 154  | 859797   | 39.763 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.17  | 162  | 660198   | 40.325 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.27  | 65   | 203450   | 40.612 | ng    | 94       |
| 49) Acenaphthylene             | 9.59  | 152  | 1075784  | 40.409 | ng    | 99       |
| 50) Dimethylphthalate          | 9.45  | 163  | 759463   | 39.318 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.52  | 165  | 171651   | 40.315 | ng    | 98       |
| 52) Acenaphthene               | 9.76  | 154  | 606617   | 39.806 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.69  | 138  | 198634   | 41.033 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.81  | 184  | 75401    | 37.852 | ng    | # 89     |
| 55) Dibenzofuran               | 9.93  | 168  | 889311   | 39.782 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.87  | 139  | 111802   | 37.231 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 9.93  | 165  | 207824   | 40.358 | ng    | # 90     |
| 58) Fluorene                   | 10.27 | 166  | 717226   | 40.565 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 194194   | 39.064 | ng    | 97       |
| 60) Diethylphthalate           | 10.15 | 149  | 744142   | 39.958 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.26 | 204  | 356159   | 40.954 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.30 | 138  | 206048   | 41.858 | ng    | 98       |
| 63) Azobenzene                 | 10.42 | 77   | 697587   | 39.561 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 101403   | 37.412 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 10.38 | 169  | 638589   | 40.403 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.75 | 248  | 233609   | 40.458 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.82 | 284  | 269467   | 40.728 | ng    | # 93     |
| 69) Atrazine                   | 10.91 | 200  | 199510   | 40.048 | ng    | 96       |
| 70) Pentachlorophenol          | 11.02 | 266  | 110059   | 35.302 | ng    | 99       |
| 71) Phenanthrene               | 11.23 | 178  | 1027225  | 40.153 | ng    | 99       |
| 72) Anthracene                 | 11.28 | 178  | 1060908  | 40.759 | ng    | 99       |
| 73) Carbazole                  | 11.43 | 167  | 1016197  | 41.743 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.76 | 149  | 1173522  | 40.523 | ng    | 99       |
| 75) Fluoranthene               | 12.41 | 202  | 1132529  | 41.312 | ng    | 99       |
| 77) Benzidine                  | 12.53 | 184  | 562178   | 41.144 | ng    | 99       |
| 78) Pyrene                     | 12.64 | 202  | 1118407  | 40.004 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.25 | 149  | 467023   | 41.037 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.83 | 228  | 873319   | 41.203 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.79 | 252  | 339908   | 41.636 | ng    | 99       |
| 83) Chrysene                   | 13.86 | 228  | 838007   | 39.002 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.81 | 149  | 579381   | 42.107 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.42 | 149  | 877102   | 39.216 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.61 | 276  | 742119   | 37.409 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.84 | 252  | 739330   | 41.292 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 14.87 | 252  | 625349   | 38.916 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.19 | 252  | 637638   | 40.077 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.61 | 278  | 613307   | 41.221 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.02 | 276  | 627855   | 41.343 | ng    | 100      |

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



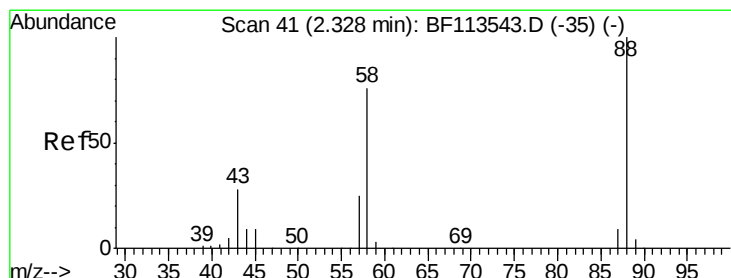
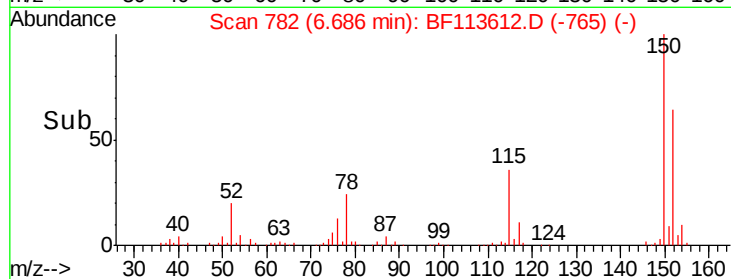
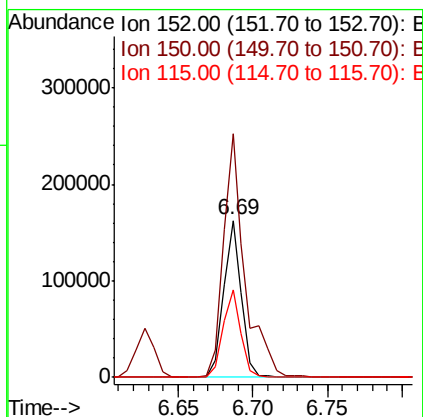
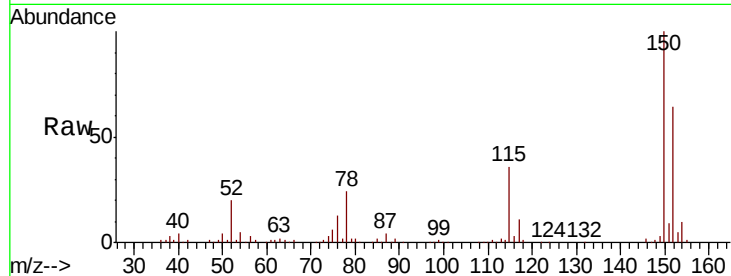


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.69 min Scan# 782  
 Delta R.T. -0.00 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

Instrument :  
 BNA\_F  
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 SSTDCCC040

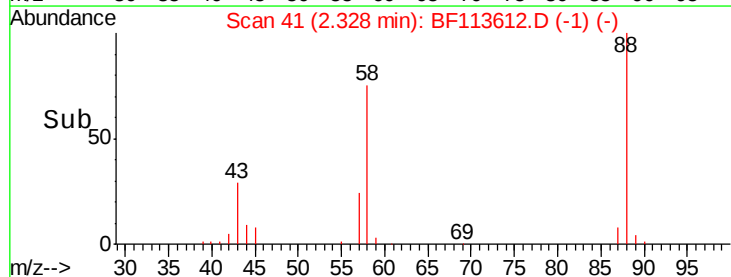
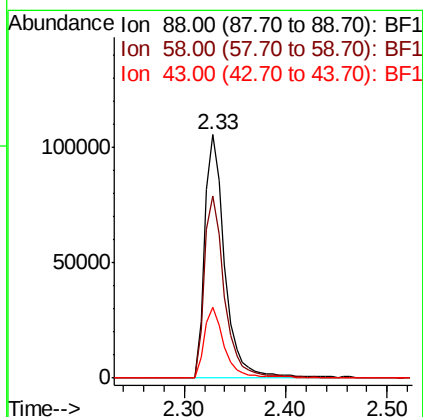
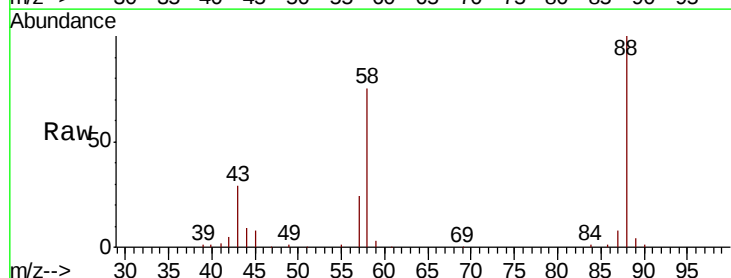
Tot Ion:152 Resp: 135691  
 Ion Ratio Lower Upper  
 152 100  
 150 155.4 124.7 187.1  
 115 56.0 46.0 69.0

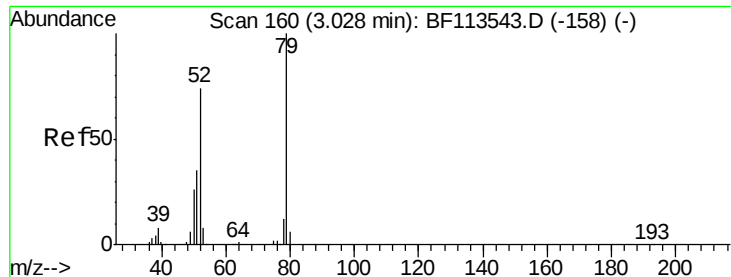


#2

1,4-Dioxane  
 Concen: 38.515 ng  
 RT: 2.33 min Scan# 41  
 Delta R.T. -0.00 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

Tgt Ion: 88 Resp: 145154  
 Ion Ratio Lower Upper  
 88 100  
 58 75.6 61.9 92.9  
 43 29.7 24.2 36.4





#3

Pvridine

Concen: 38.433 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

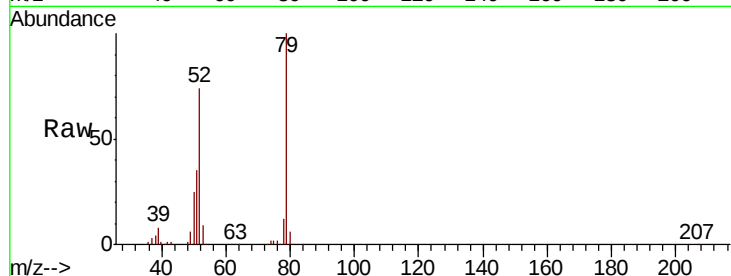
Tot Ion: 79 Resp: 379067

Ion Ratio Lower Upper

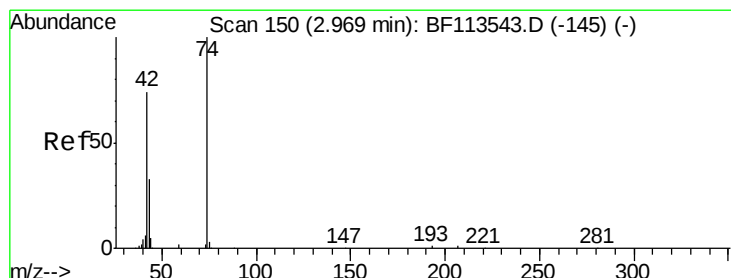
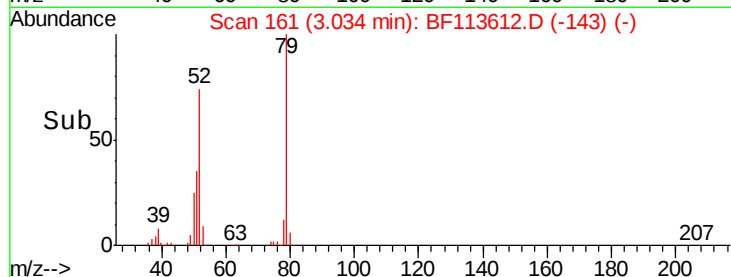
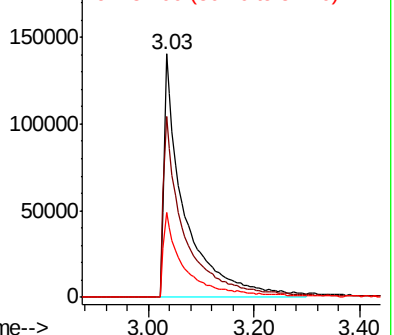
79 100

52 74.5 61.0 91.4

51 34.9 30.6 45.8



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



#4

n-Nitrosodimethylamine

Concen: 39.303 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

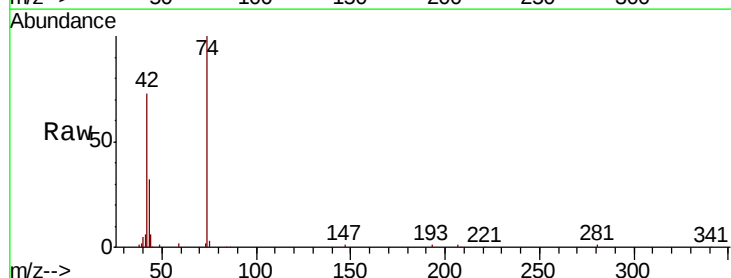
Tgt Ion: 42 Resp: 164703

Ion Ratio Lower Upper

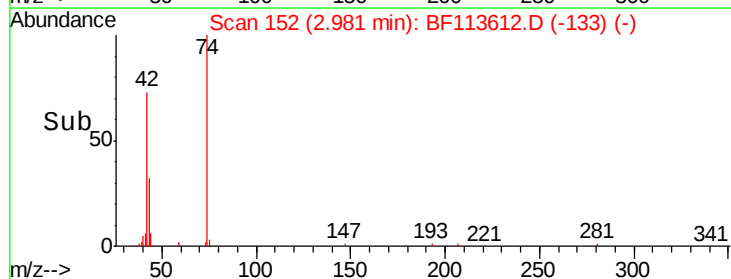
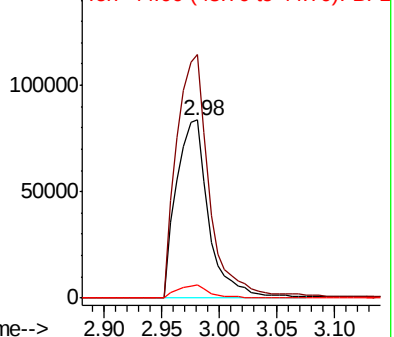
42 100

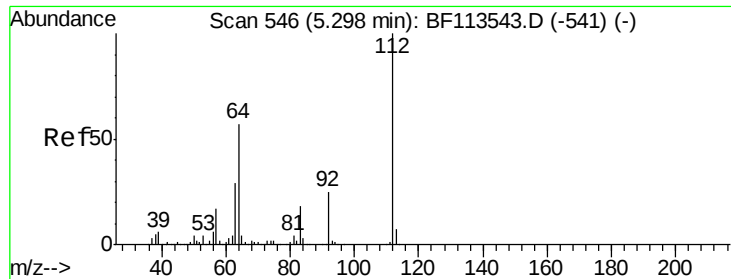
74 136.8 102.4 153.6

44 7.5 5.5 8.3



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





#5

2-Fluorophenol

Concen: 81.493 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

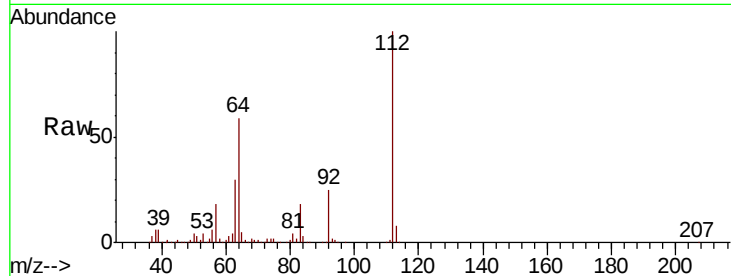
Tot Ion:112 Resp: 648471

Ion Ratio Lower Upper

112 100

64 59.1 49.2 73.8

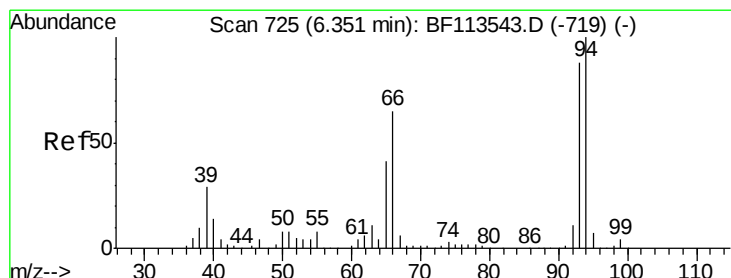
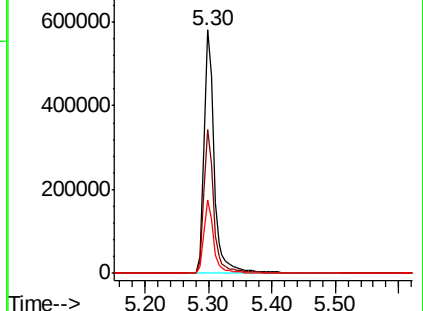
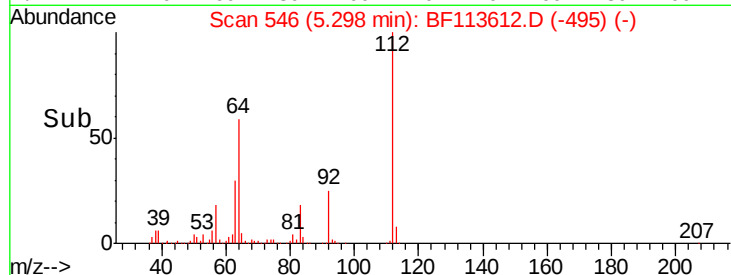
63 30.0 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.410 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

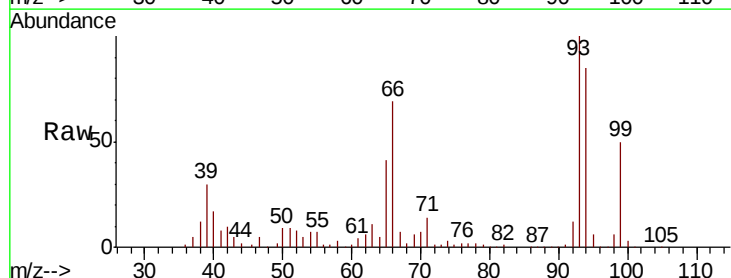
Tgt Ion: 93 Resp: 492280

Ion Ratio Lower Upper

93 100

66 68.7 62.1 93.1

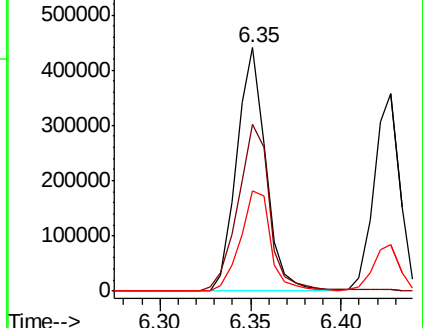
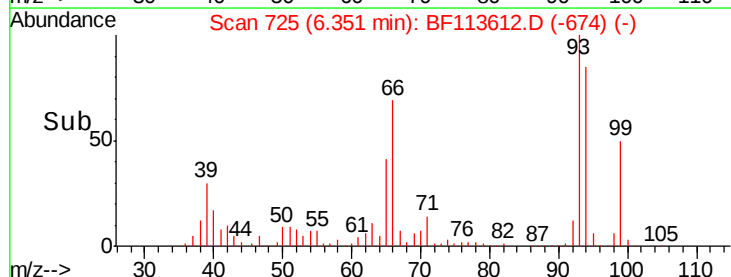
65 41.1 38.7 58.1

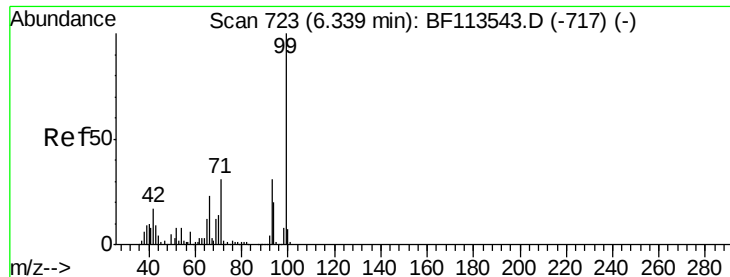


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.457 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

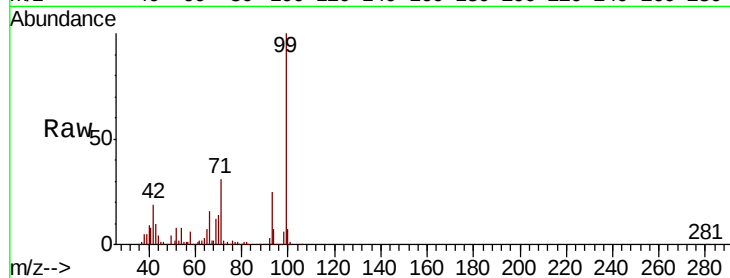
Tot Ion: 99 Resp: 789080

Ion Ratio Lower Upper

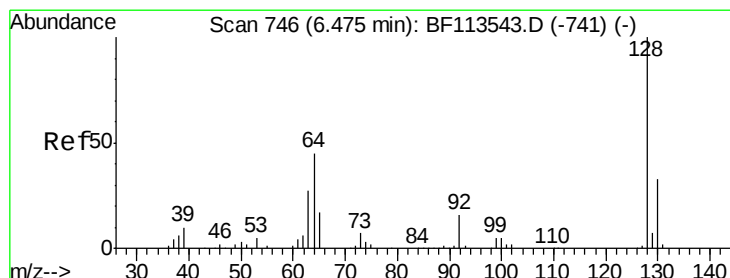
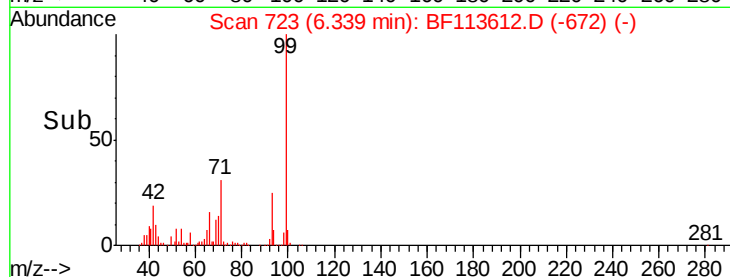
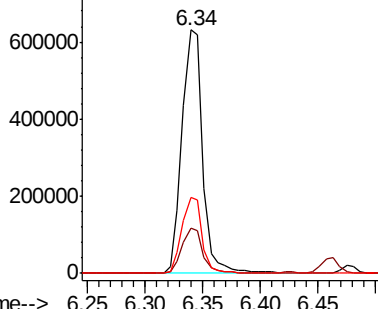
99 100

42 18.6 14.8 22.2

71 31.4 24.9 37.3



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: 41.217 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

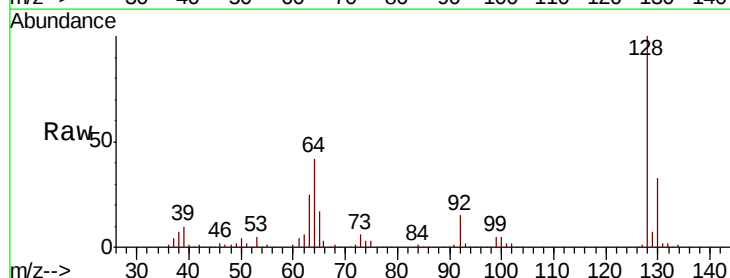
Tgt Ion:128 Resp: 379470

Ion Ratio Lower Upper

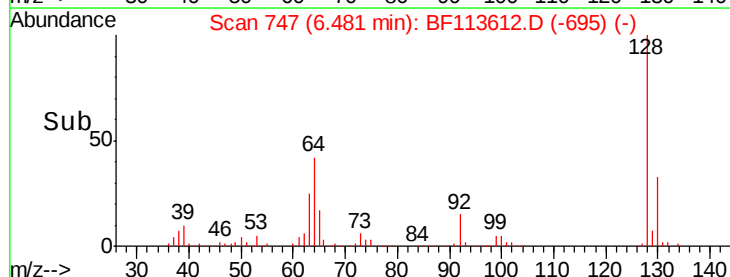
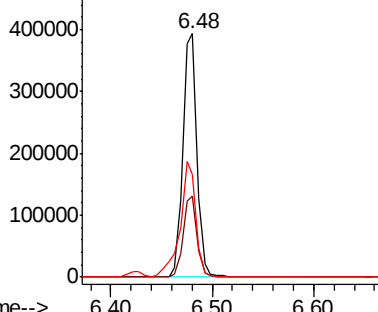
128 100

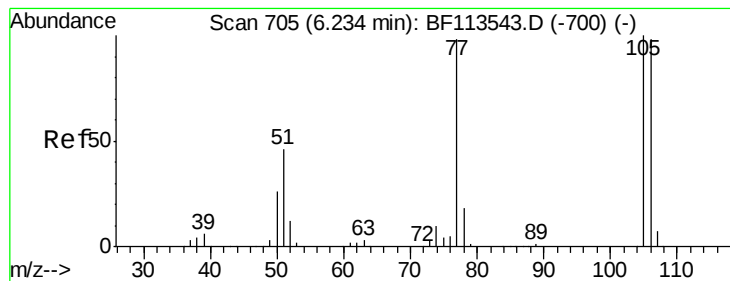
130 33.1 12.6 52.6

64 42.3 29.4 69.4



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: 41.790 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

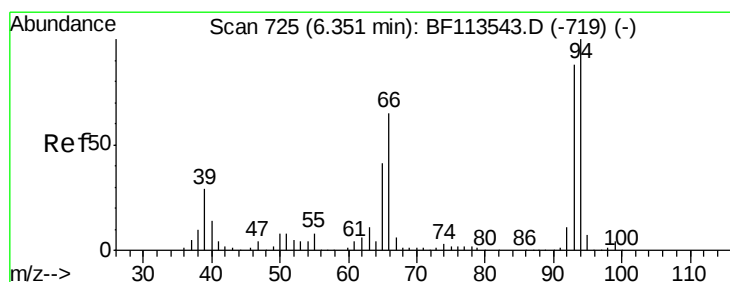
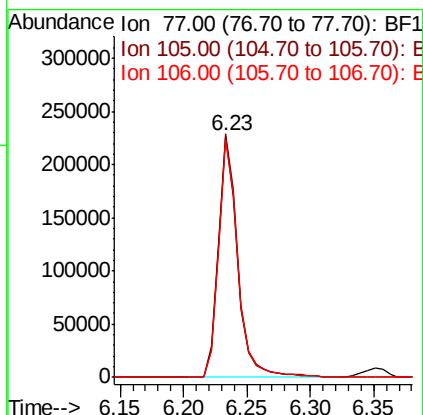
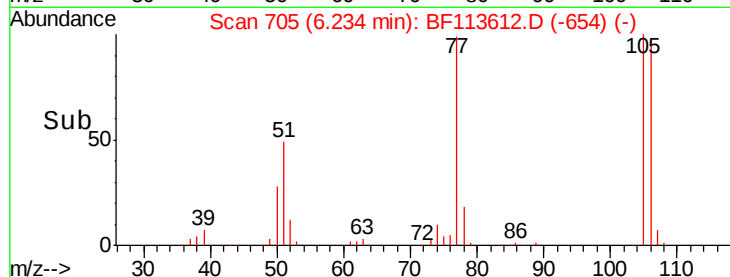
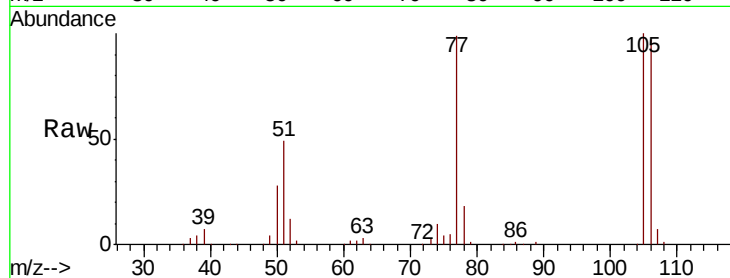
Tot Ion: 77 Resp: 243698

Ion Ratio Lower Upper

77 100

105 100.8 80.9 120.9

106 98.2 77.8 117.8



#10

Phenol

Concen: 41.267 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

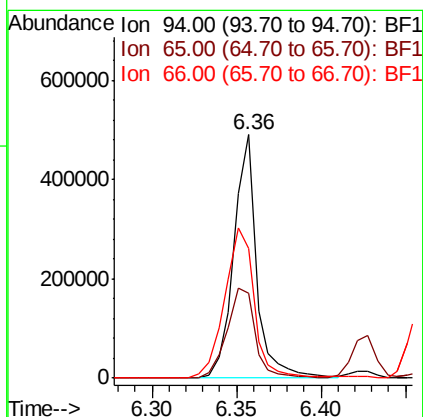
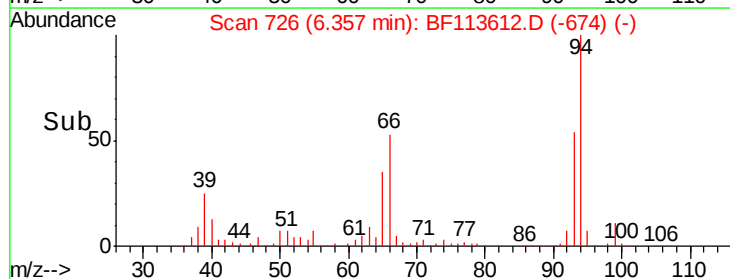
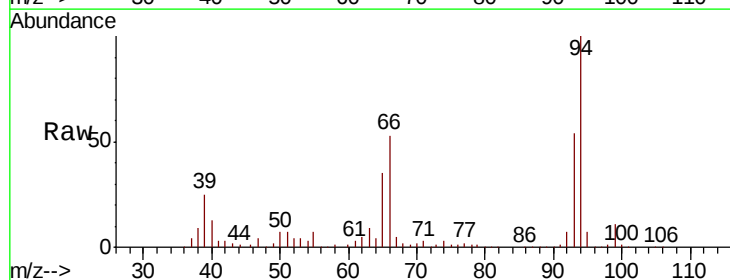
Tgt Ion: 94 Resp: 462240

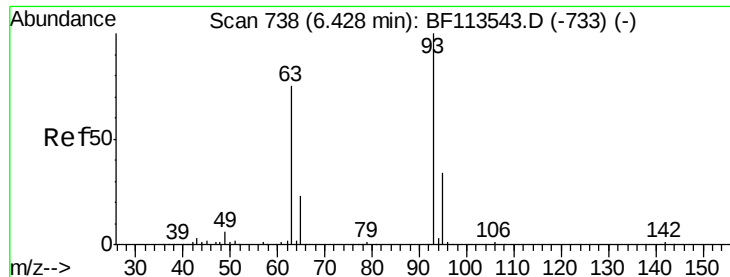
Ion Ratio Lower Upper

94 100

65 34.9 21.4 61.4

66 53.2 46.4 86.4

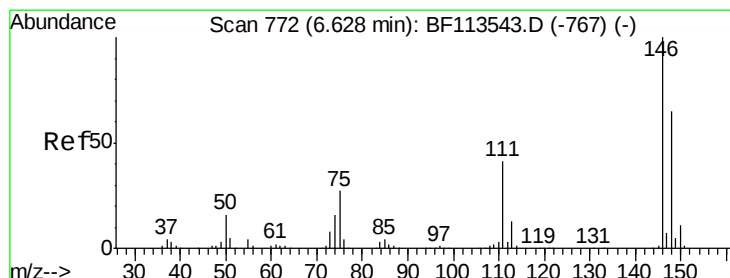
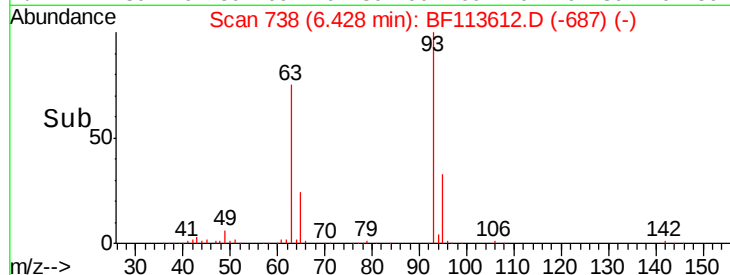
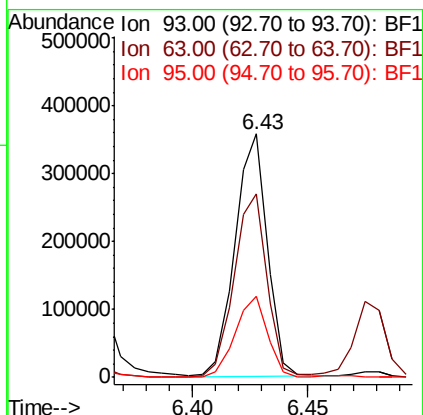
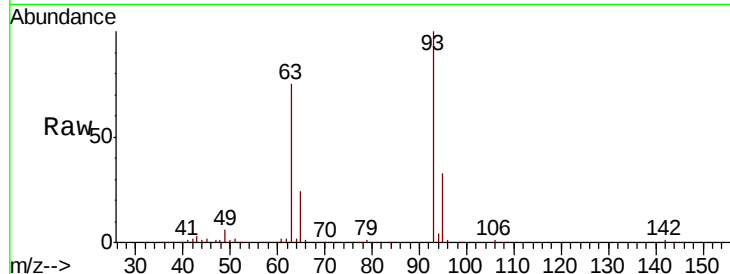




#11  
bis(2-Chloroethyl)ether  
Concen: 39.857 ng  
RT: 6.43 min Scan# 738  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

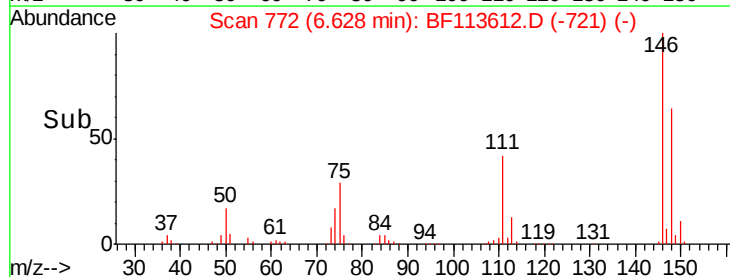
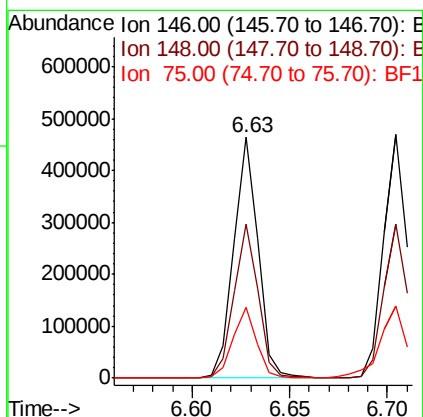
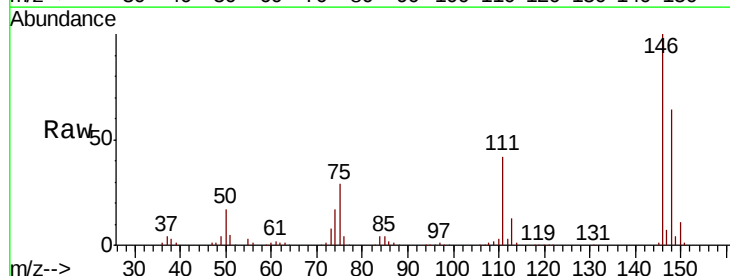
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

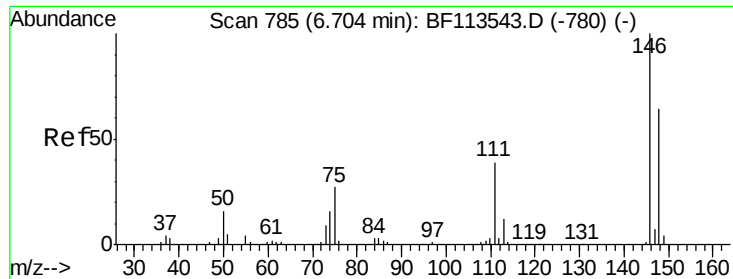
| Tot Ion | 93   | 63   | 95   |
|---------|------|------|------|
| Ion     | 100  | 75.5 | 33.4 |
| Ratio   |      |      |      |
| Lower   | 56.1 | 12.8 |      |
| Upper   | 96.1 | 52.8 |      |



#12  
1,3-Dichlorobenzene  
Concen: 40.454 ng  
RT: 6.63 min Scan# 772  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

| Tgt Ion | 146  | 148  | 75   |
|---------|------|------|------|
| Ion     | 100  | 64.0 | 29.3 |
| Ratio   |      |      |      |
| Lower   | 51.4 | 24.8 |      |
| Upper   | 77.0 | 37.2 |      |

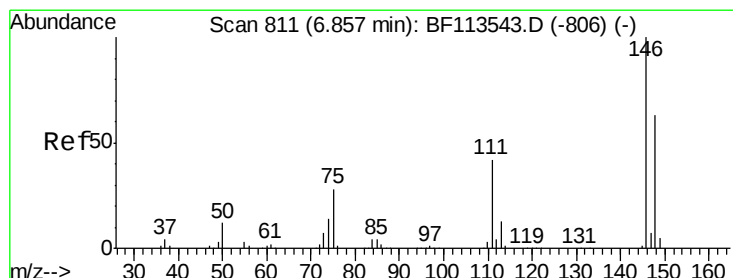
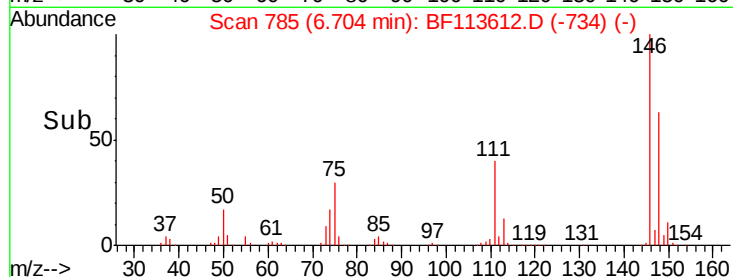
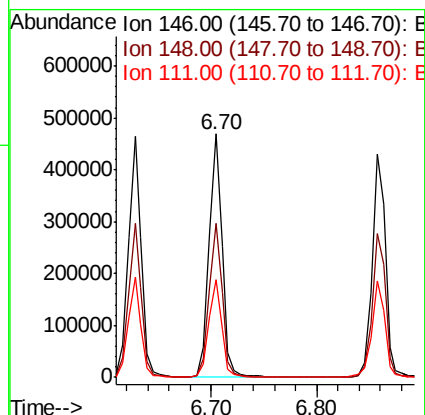
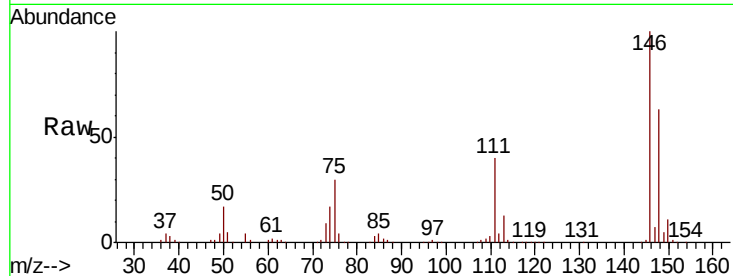




#13  
 1,4-Dichlorobenzene  
 Concen: 40.434 ng  
 RT: 6.70 min Scan# 785  
 Delta R.T. -0.00 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

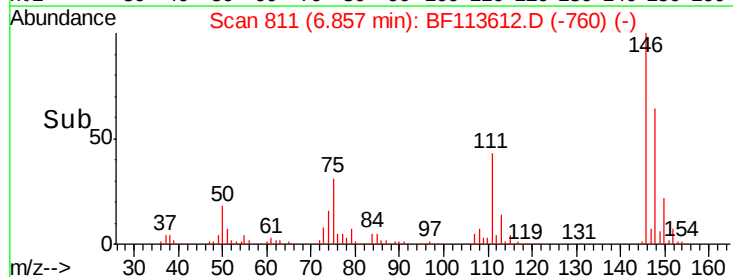
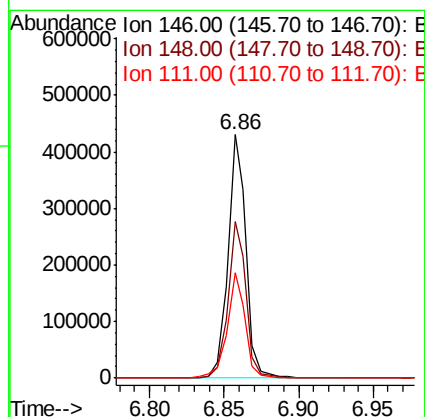
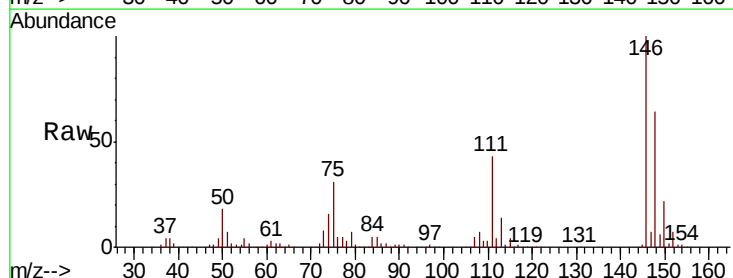
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

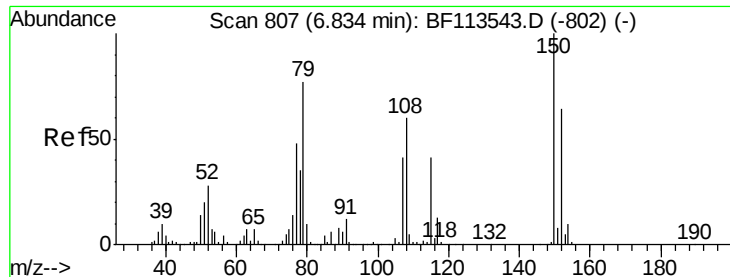
Tot Ion:146 Resp: 405109  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 51.1 76.7  
 111 39.9 32.8 49.2



#14  
 1,2-Dichlorobenzene  
 Concen: 40.658 ng  
 RT: 6.86 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

Tgt Ion:146 Resp: 367697  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 50.2 75.4  
 111 43.4 35.4 53.2





#15

Benzyl Alcohol

Concen: 42.823 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

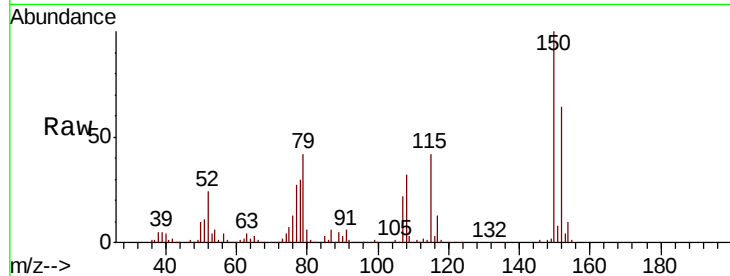
Tot Ion: 79 Resp: 283978

Ion Ratio Lower Upper

79 100

108 77.2 62.0 93.0

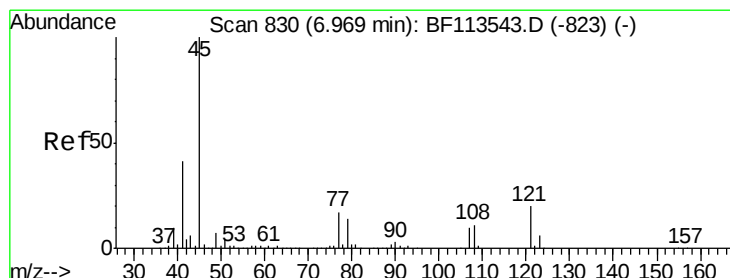
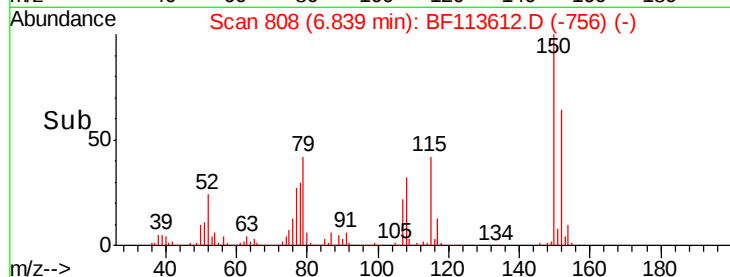
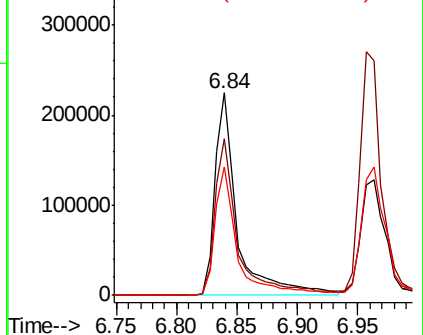
77 63.5 49.9 74.9



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: 39.085 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

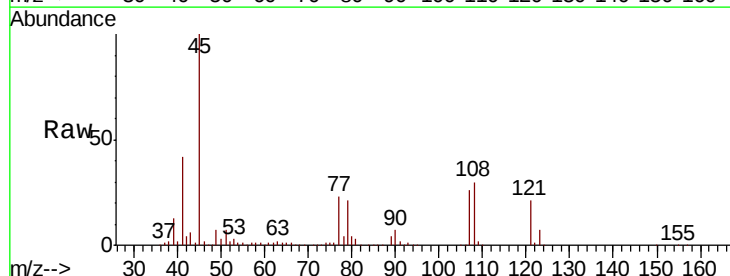
Tgt Ion: 45 Resp: 530089

Ion Ratio Lower Upper

45 100

77 23.3 0.0 36.6

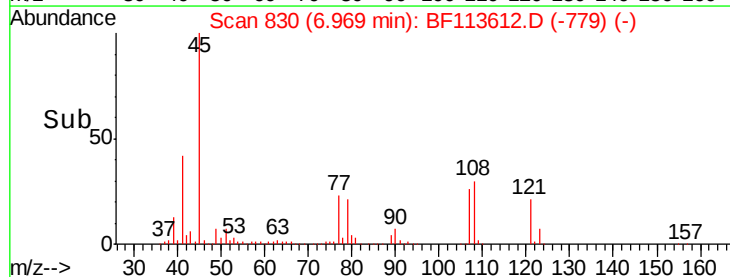
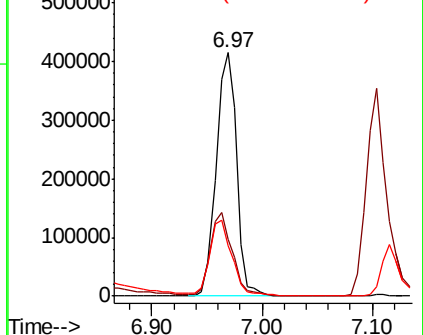
79 20.8 0.0 34.0

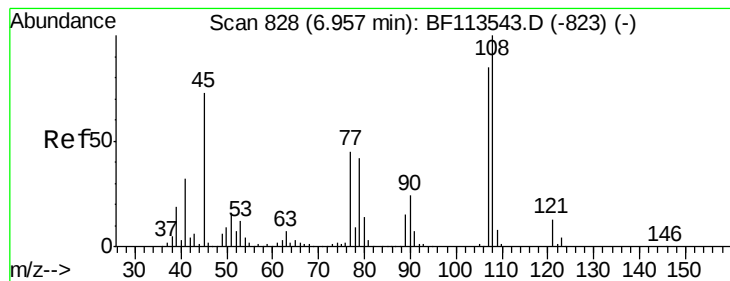


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

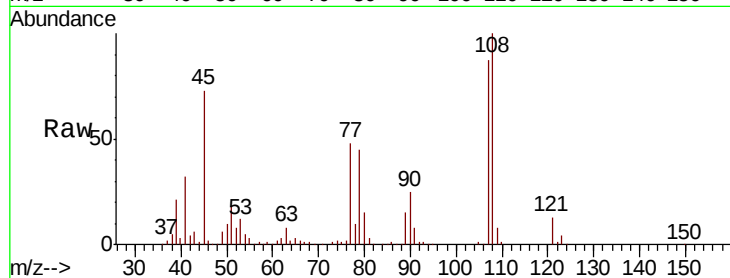




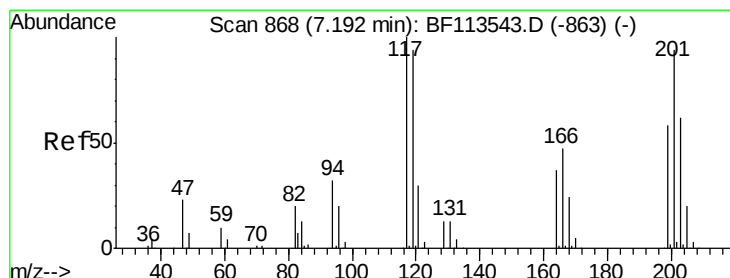
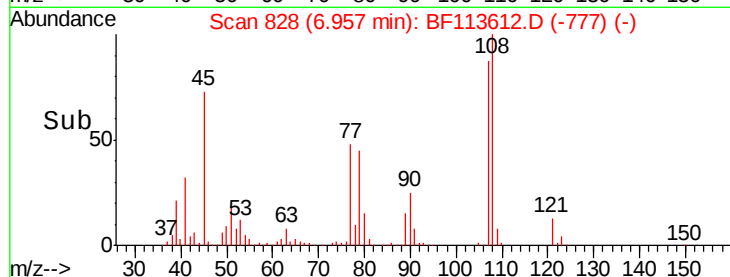
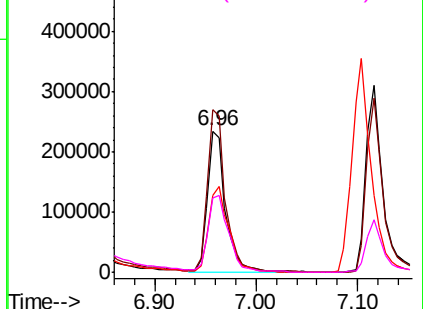
#17  
2-Methylphenol  
Concen: 40.291 ng  
RT: 6.96 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:107 Resp: 287464  
Ion Ratio Lower Upper  
107 100  
108 115.4 93.4 140.0  
77 54.8 41.2 61.8  
79 52.5 40.1 60.1

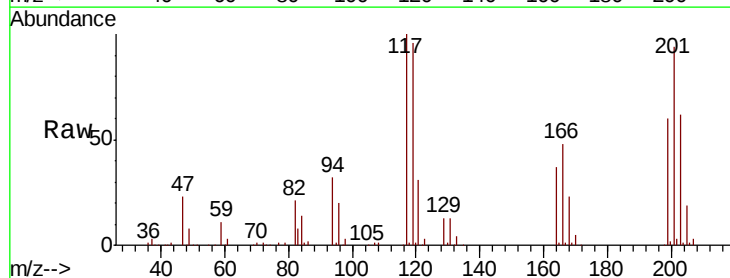


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

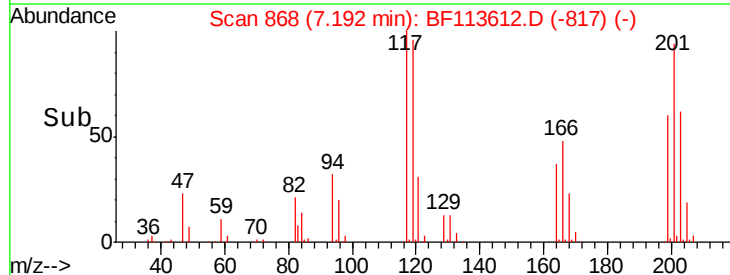
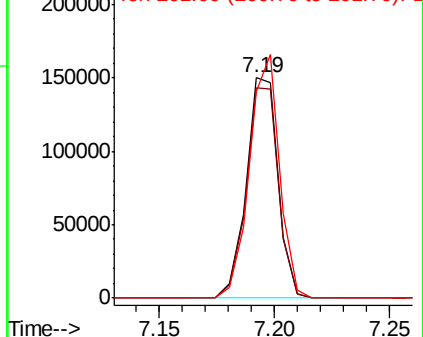


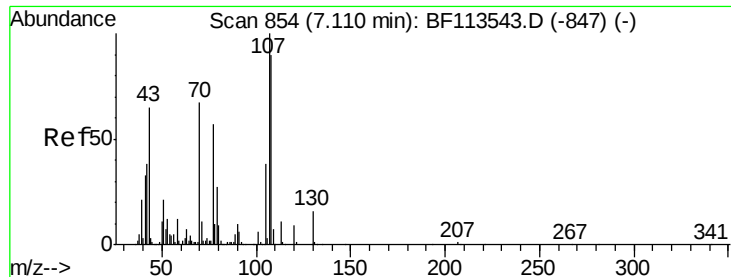
#18  
Hexachloroethane  
Concen: 39.540 ng  
RT: 7.19 min Scan# 868  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Tgt Ion:117 Resp: 144194  
Ion Ratio Lower Upper  
117 100  
119 95.9 76.9 115.3  
201 93.9 78.7 118.1



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

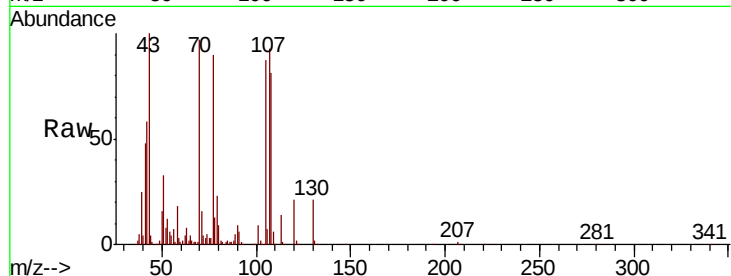




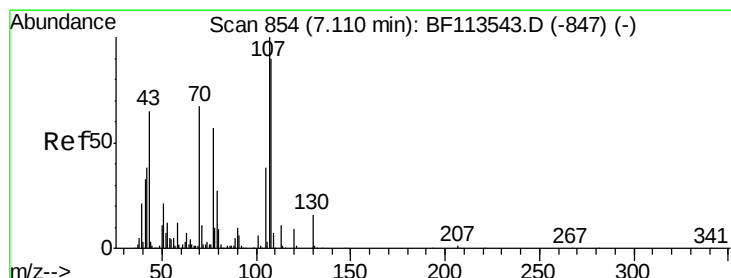
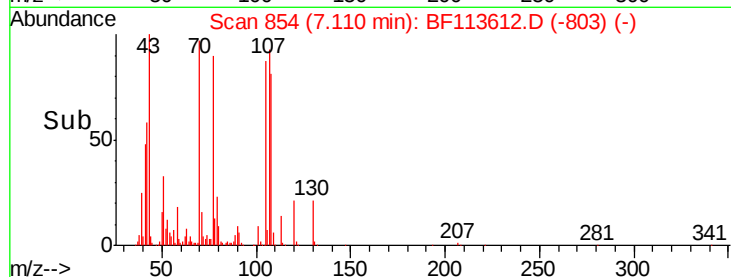
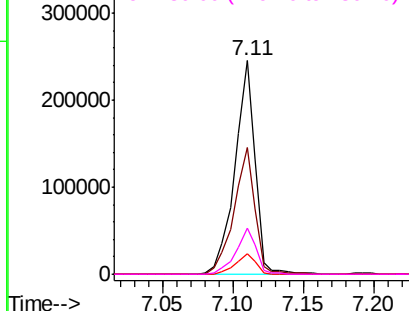
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.339 ng  
RT: 7.11 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion: 70 Resp: 243958  
Ion Ratio Lower Upper  
70 100  
42 59.5 48.4 72.6  
101 9.7 7.8 11.8  
130 21.8 18.2 27.4

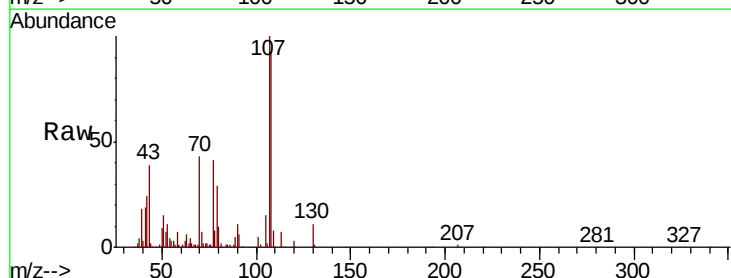


Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

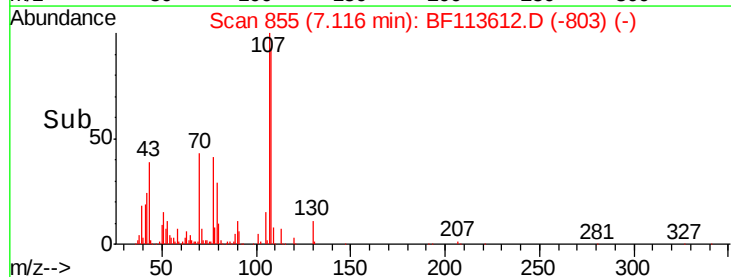
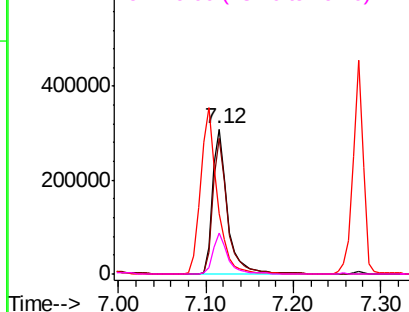


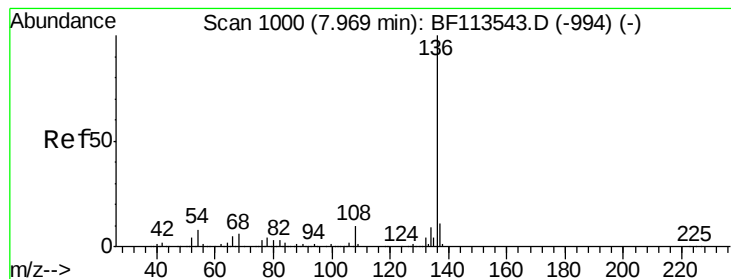
#20  
3+4-Methylphenols  
Concen: 42.247 ng  
RT: 7.12 min Scan# 855  
Delta R.T. 0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Tgt Ion:107 Resp: 365222  
Ion Ratio Lower Upper  
107 100  
108 93.4 71.4 111.4  
77 41.3 33.5 73.5  
79 28.5 8.3 48.3



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 529425

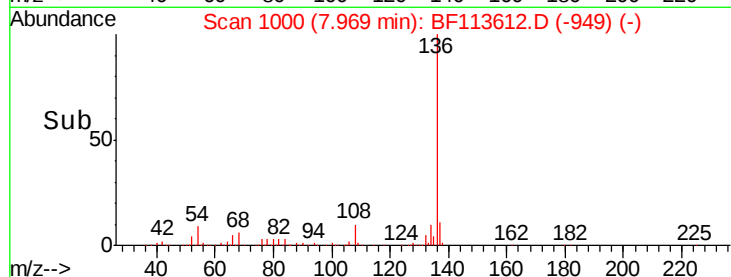
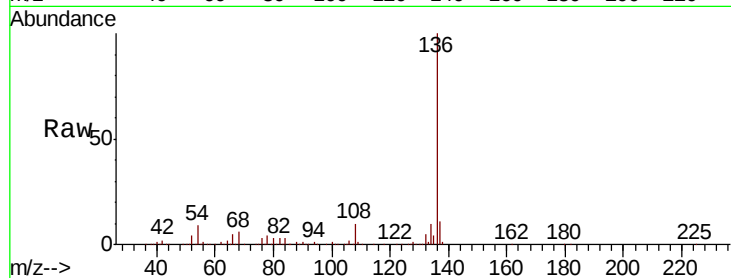
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.7 7.0 10.6

68 6.2 4.8 7.2

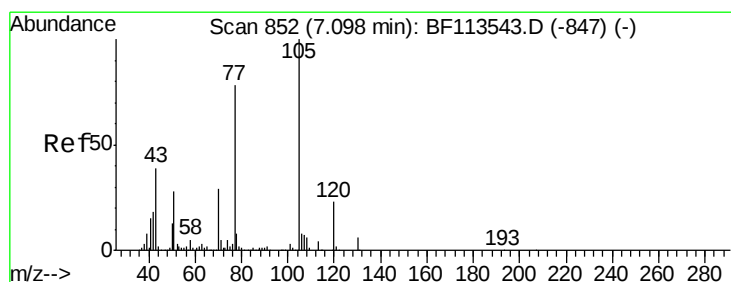
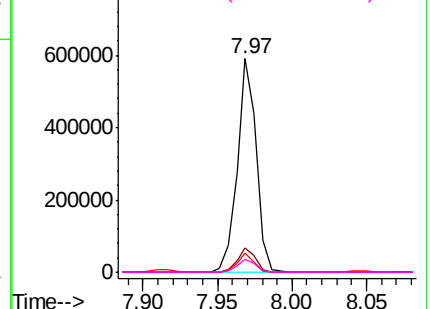


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.902 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Tgt Ion:105 Resp: 475608

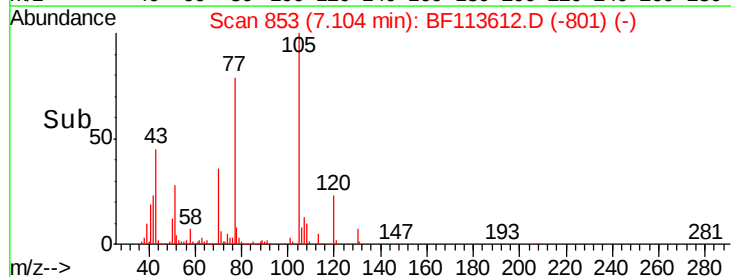
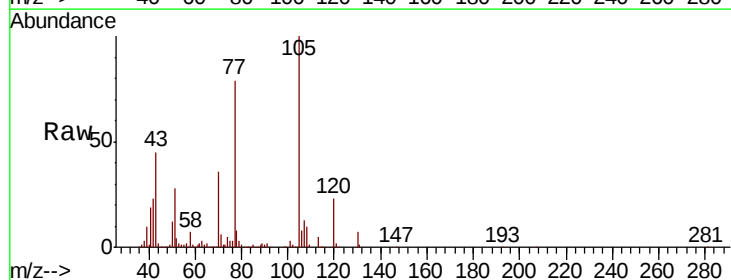
Ion Ratio Lower Upper

105 100

71 6.0 3.3 4.9#

51 28.3 24.2 36.2

120 23.3 18.1 27.1

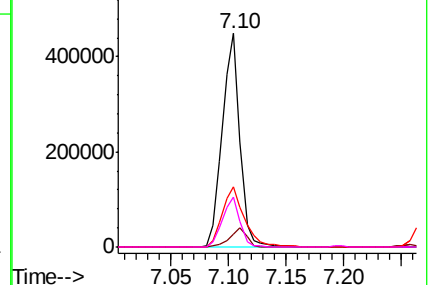


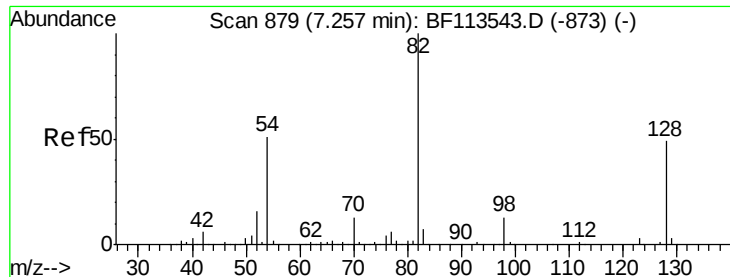
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

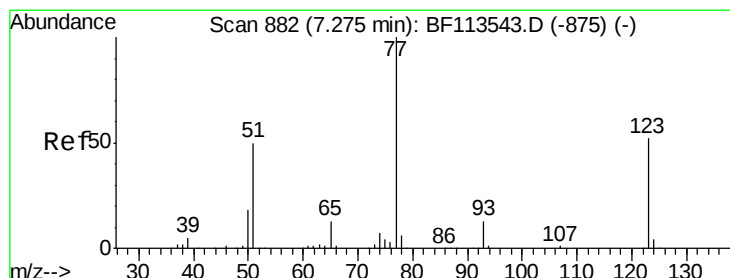
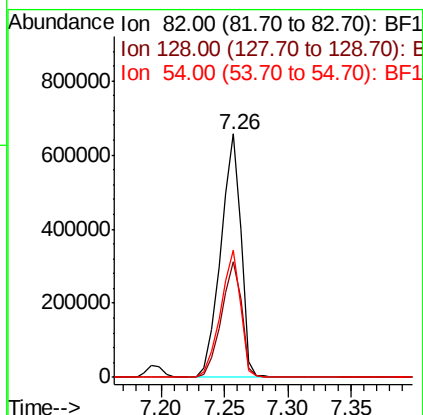
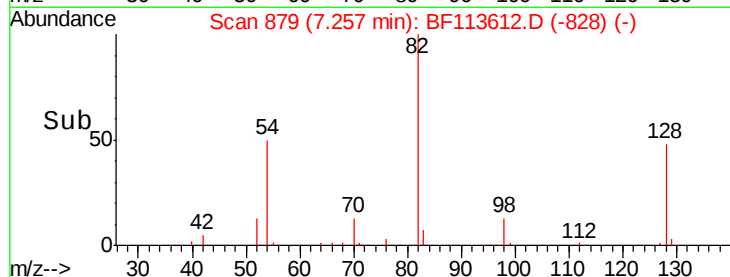
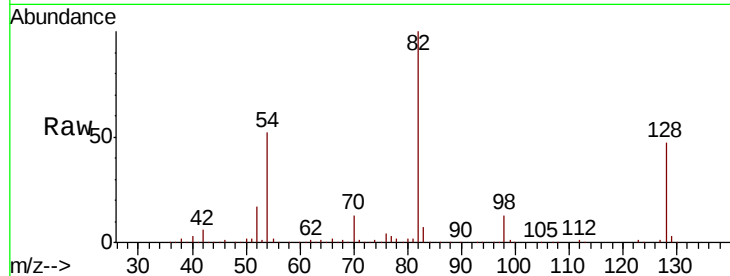




#23  
Nitrobenzene-d5  
Concen: 80.680 ng  
RT: 7.26 min Scan# 879  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

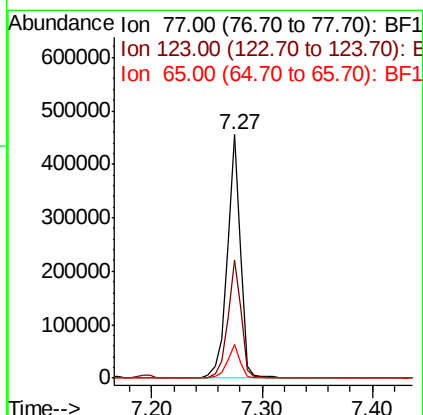
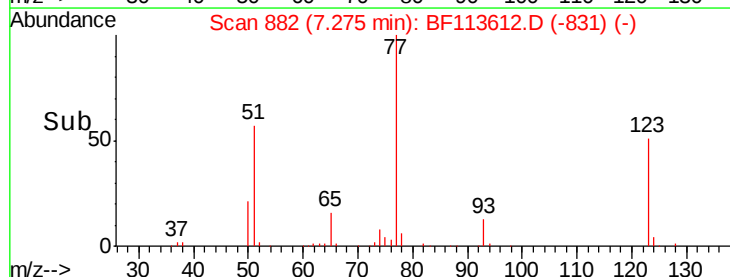
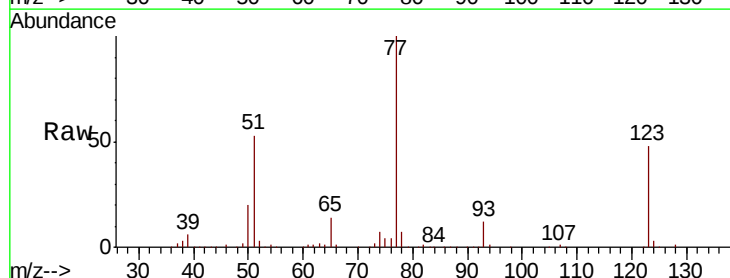
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

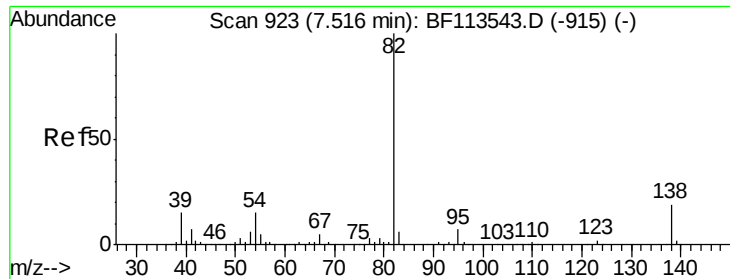
Tot Ion: 82 Resp: 729220  
Ion Ratio Lower Upper  
82 100  
128 47.4 36.5 54.7  
54 52.3 42.2 63.2



#24  
Nitrobenzene  
Concen: 40.503 ng  
RT: 7.27 min Scan# 882  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Tgt Ion: 77 Resp: 377005  
Ion Ratio Lower Upper  
77 100  
123 48.3 40.8 61.2  
65 14.0 10.6 16.0





#25

Isophorone

Concen: 39.776 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

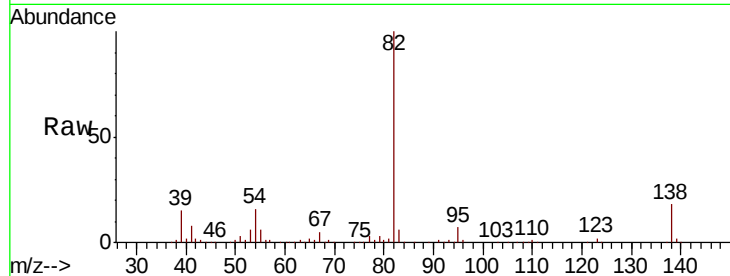
Tot Ion: 82 Resp: 692547

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

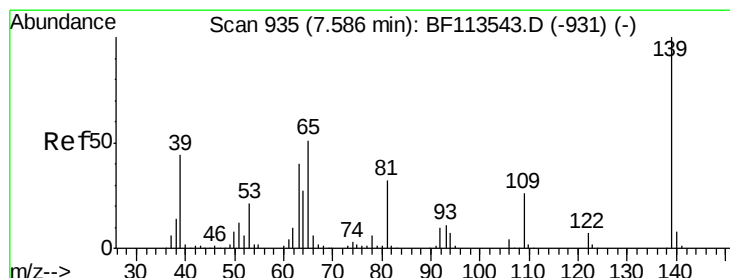
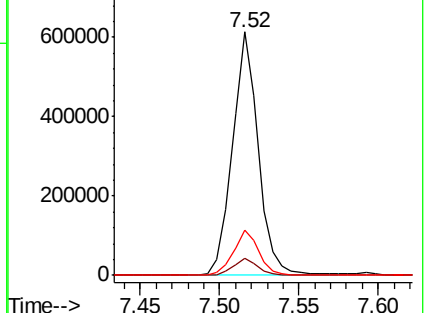
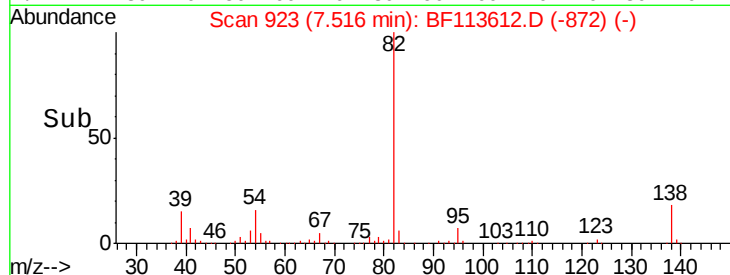
138 18.3 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.289 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

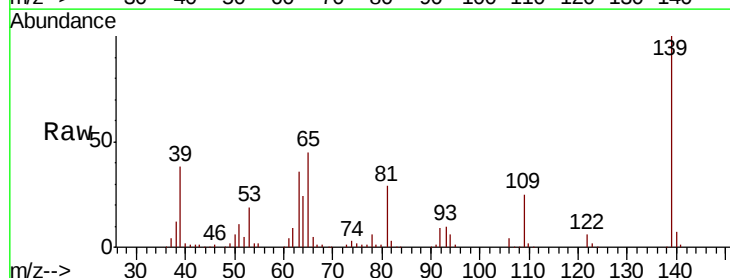
Tgt Ion: 139 Resp: 206840

Ion Ratio Lower Upper

139 100

109 25.3 21.7 32.5

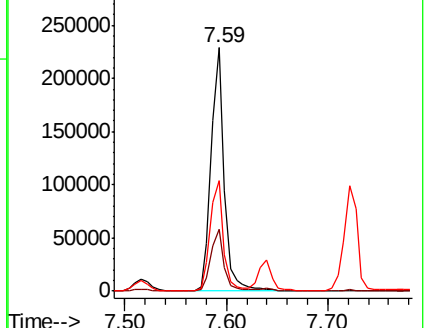
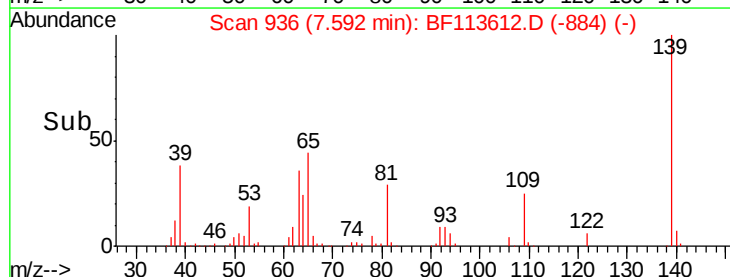
65 45.2 41.6 62.4

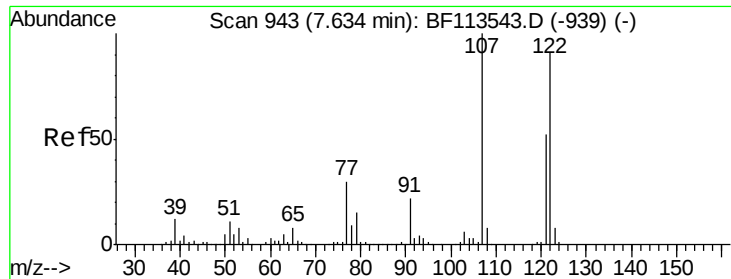


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

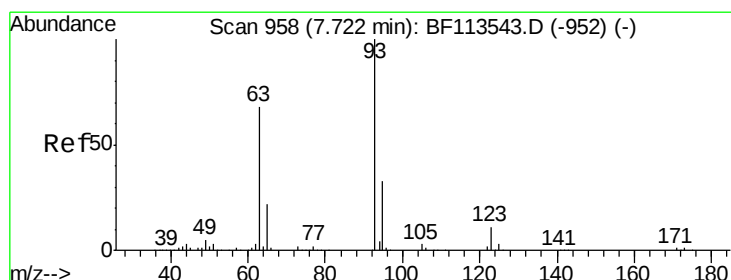
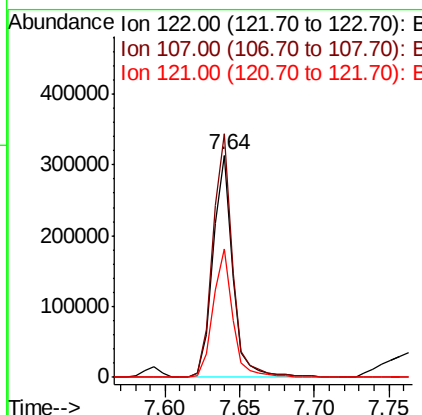
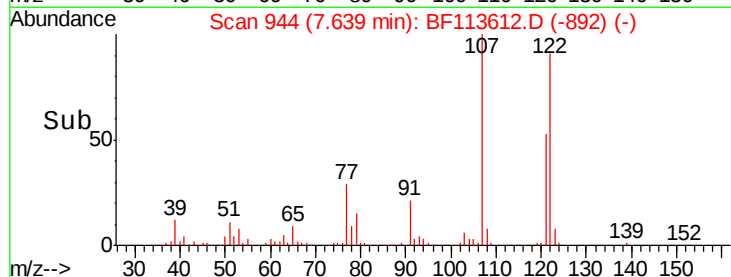
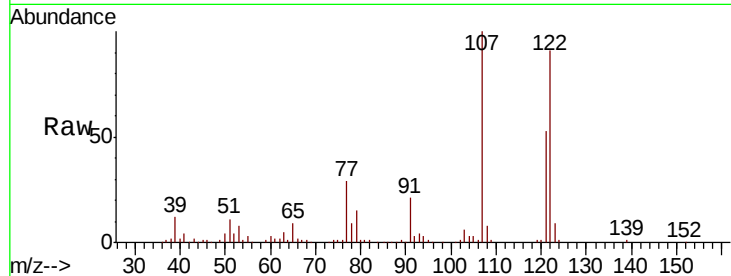




#27  
2,4-Dimethylphenol  
Concen: 40.204 ng  
RT: 7.64 min Scan# 944  
Delta R.T. 0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

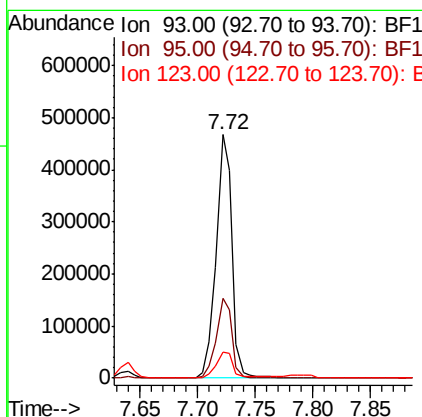
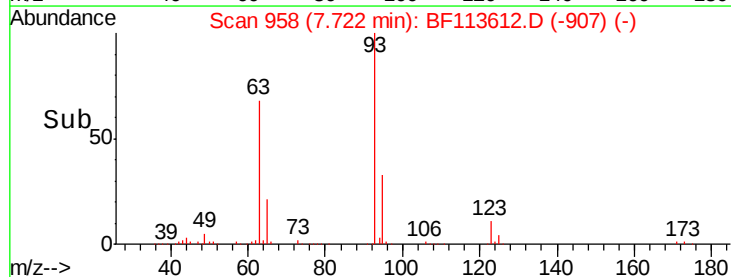
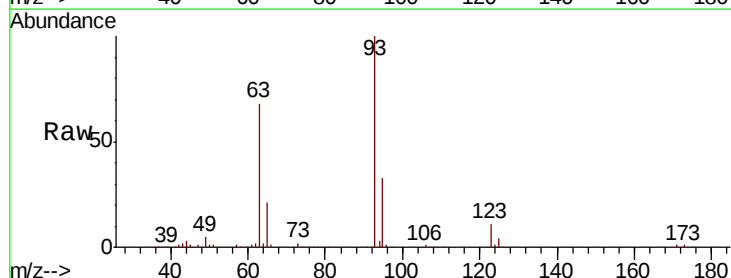
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

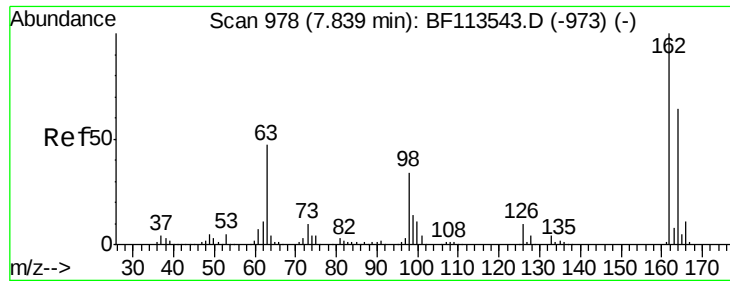
Tot Ion:122 Resp: 287930  
Ion Ratio Lower Upper  
122 100  
107 109.5 88.8 133.2  
121 57.7 45.5 68.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.135 ng  
RT: 7.72 min Scan# 958  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Tgt Ion: 93 Resp: 441802  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.0 39.0  
123 10.9 9.1 13.7

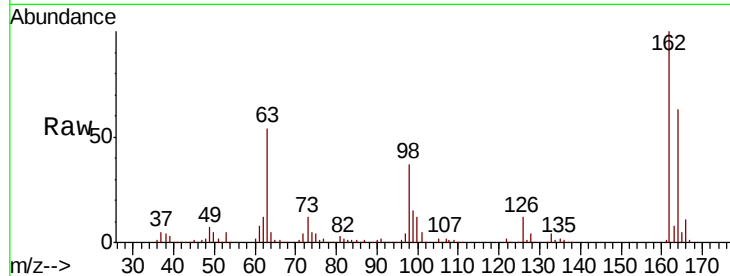




#29  
2,4-Dichlorophenol  
Concen: 41.721 ng  
RT: 7.84 min Scan# 978  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.7  | 44.6  | 84.6  |
| 98      | 36.6  | 15.6  | 55.6  |

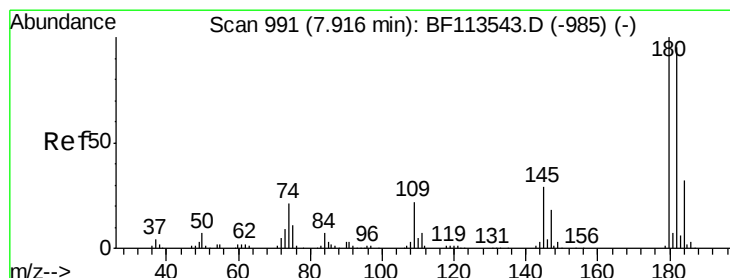
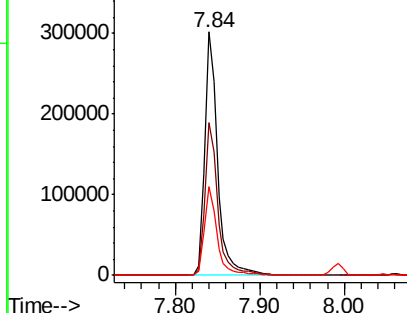
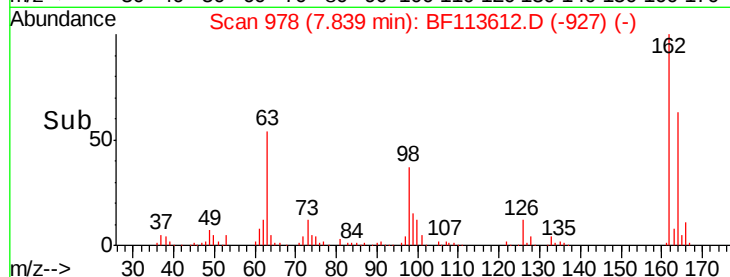


Abundance

Ion 162.00 (161.70 to 162.70): E

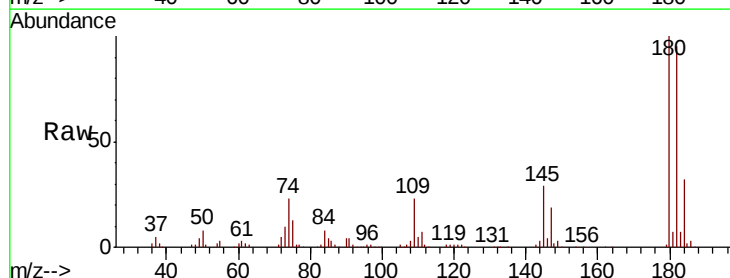
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 40.648 ng  
RT: 7.92 min Scan# 991  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 74.6  | 111.8 |
| 145     | 29.4  | 23.4  | 35.0  |

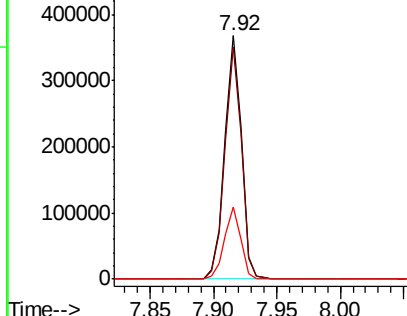
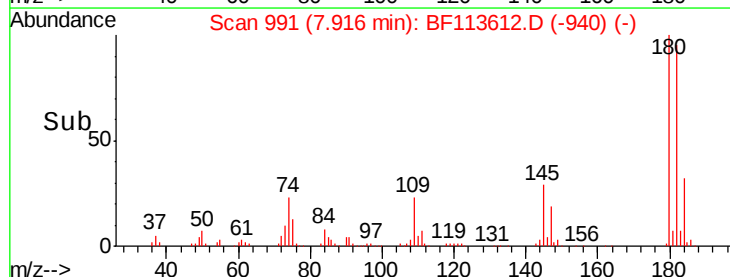


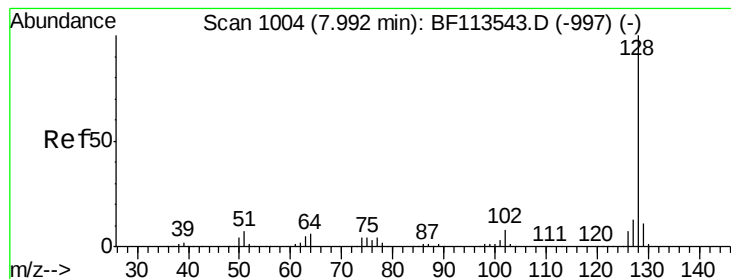
Abundance

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: 41.075 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

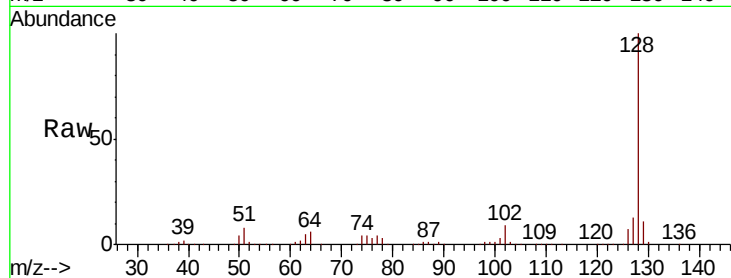
Tot Ion:128 Resp: 1053637

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

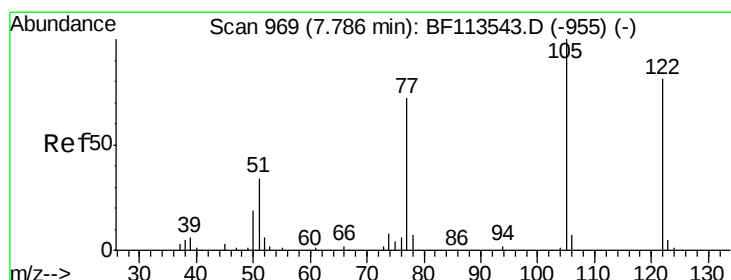
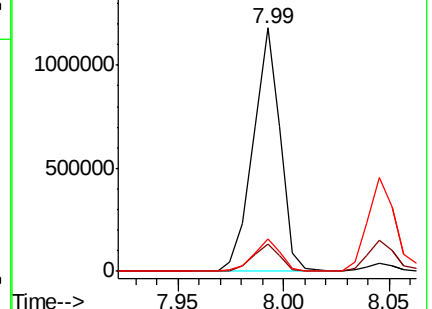
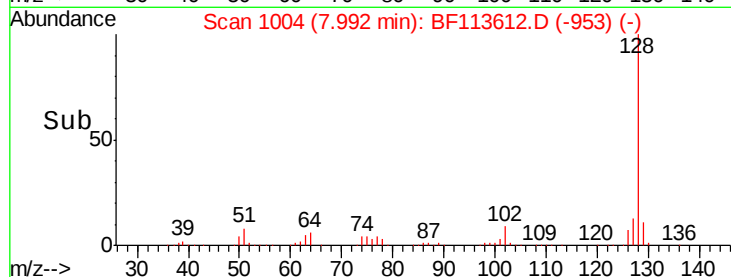
127 13.2 10.9 16.3



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: 33.558 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

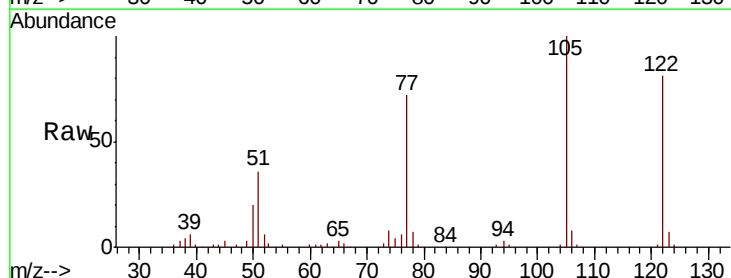
Tgt Ion:122 Resp: 186102

Ion Ratio Lower Upper

122 100

105 123.1 100.4 140.4

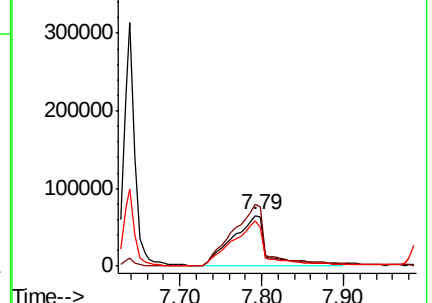
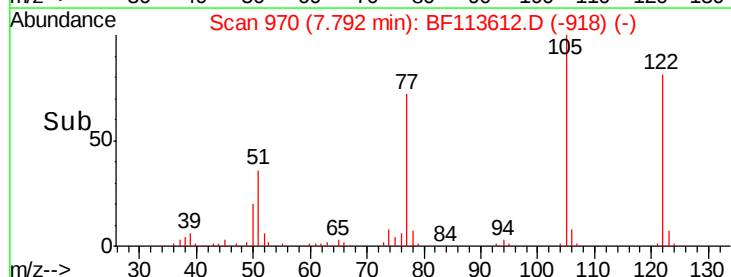
77 88.8 69.0 109.0

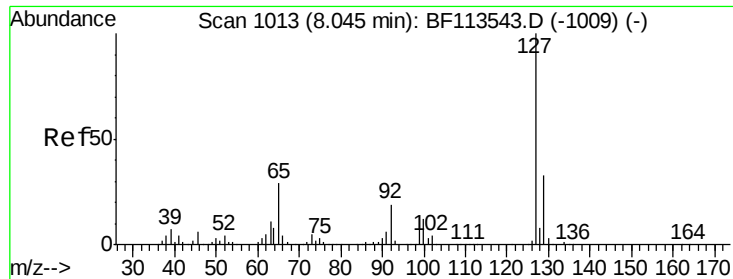


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

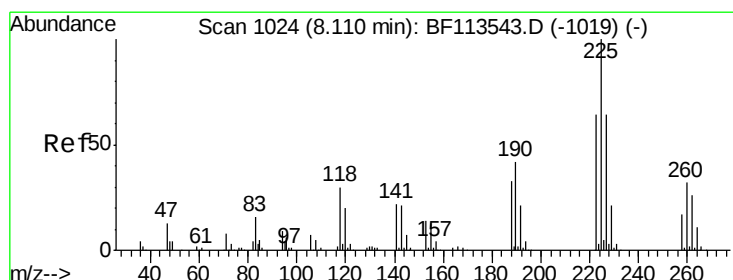
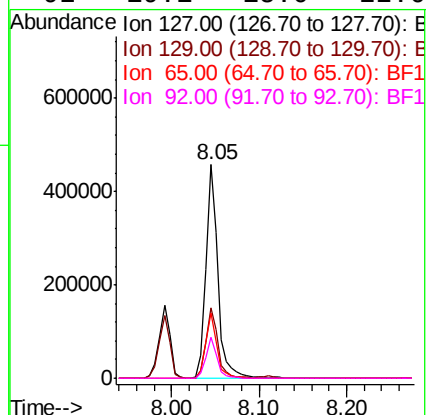
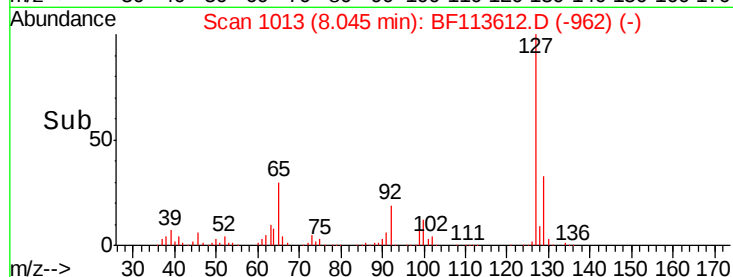
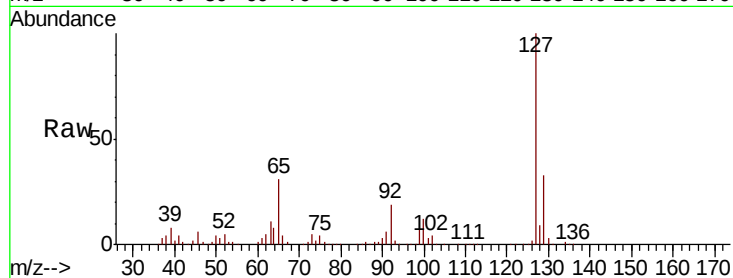




#33  
4-Chloroaniline  
Concen: 42.891 ng  
RT: 8.05 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

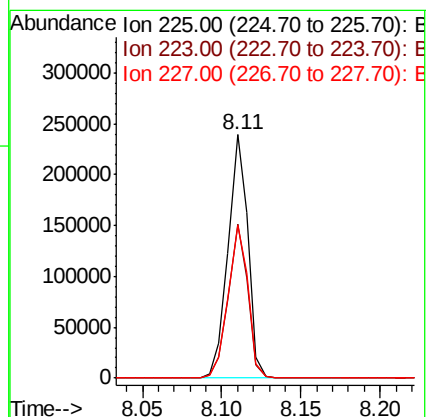
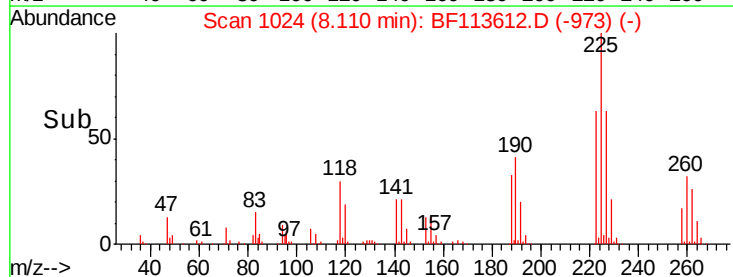
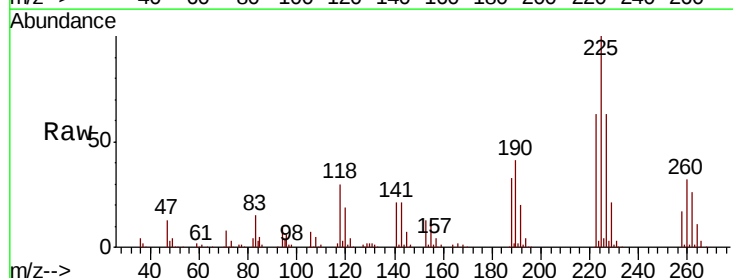
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

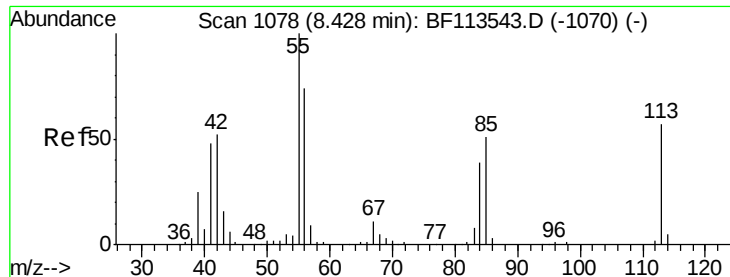
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 436267 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.3  | 39.5   |
| 65       | 30.5  | 24.2  | 36.4   |
| 92       | 19.1  | 15.0  | 22.6   |



#34  
Hexachlorobutadiene  
Concen: 40.939 ng  
RT: 8.11 min Scan# 1024  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 207694 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.4  | 51.4  | 77.2   |
| 227      | 62.8  | 51.1  | 76.7   |

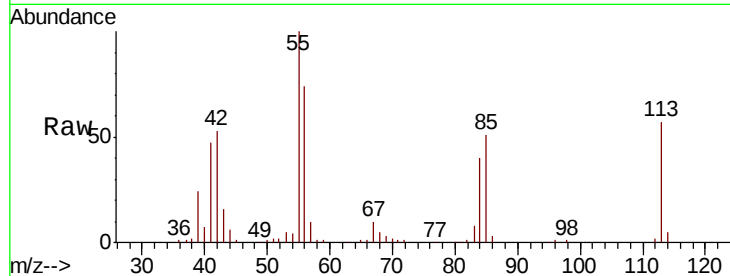




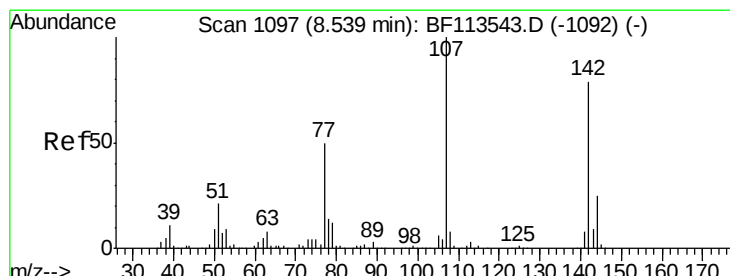
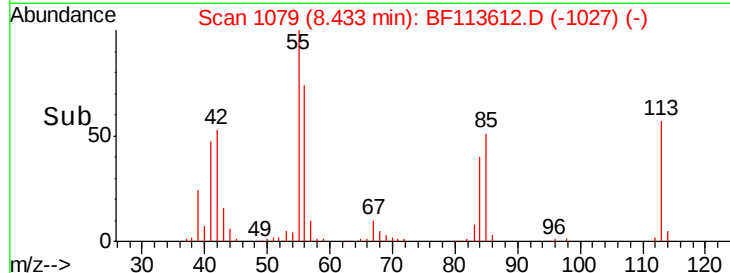
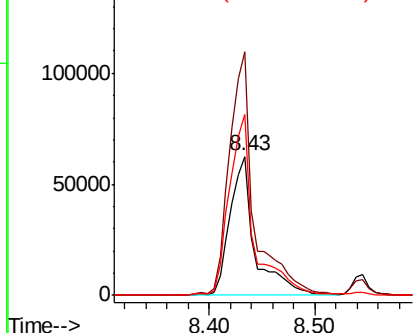
#35  
 Caprolactam  
 Concen: 42.105 ng  
 RT: 8.43 min Scan# 1079  
 Delta R.T. 0.01 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:113 Resp: 102417  
 Ion Ratio Lower Upper  
 113 100  
 55 175.2 152.7 192.7  
 56 130.5 108.3 148.3

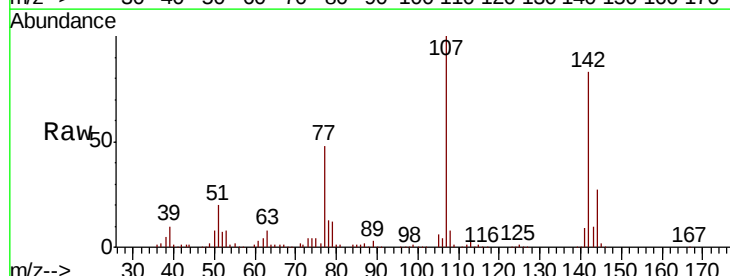


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

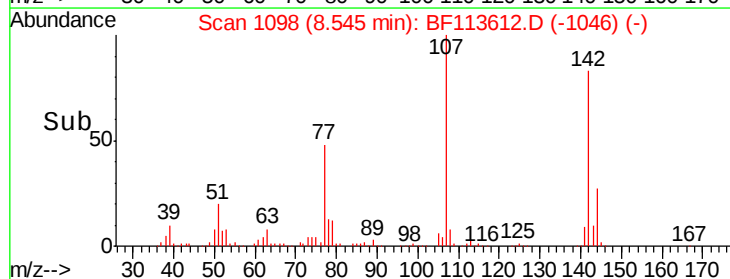
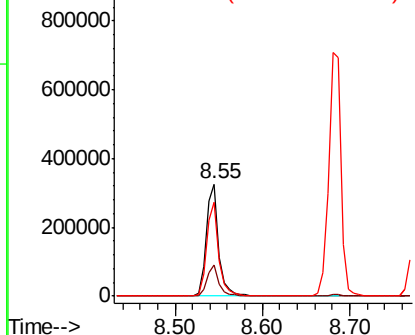


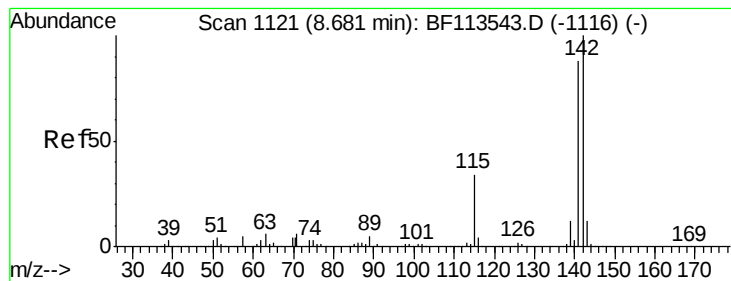
#36  
 4-Chloro-3-methylphenol  
 Concen: 41.518 ng  
 RT: 8.55 min Scan# 1098  
 Delta R.T. 0.01 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

Tgt Ion:107 Resp: 319360  
 Ion Ratio Lower Upper  
 107 100  
 144 27.2 21.4 32.0  
 142 83.3 65.6 98.4



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

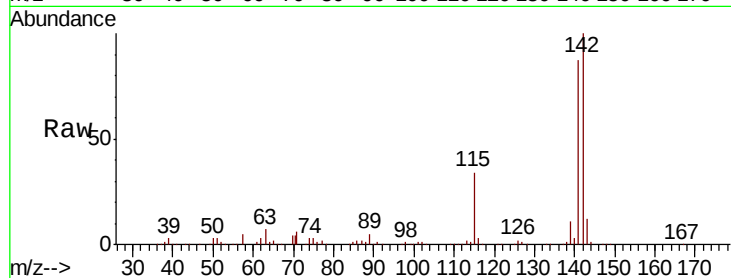




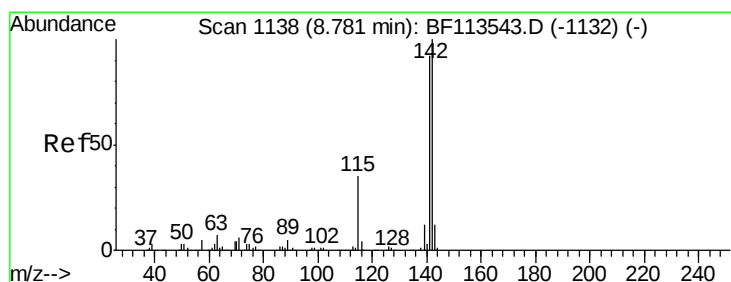
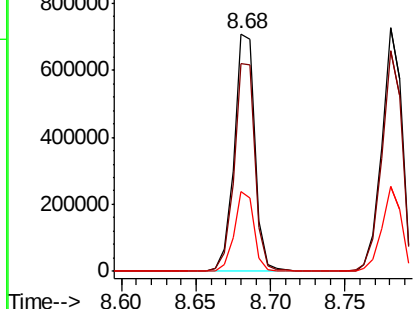
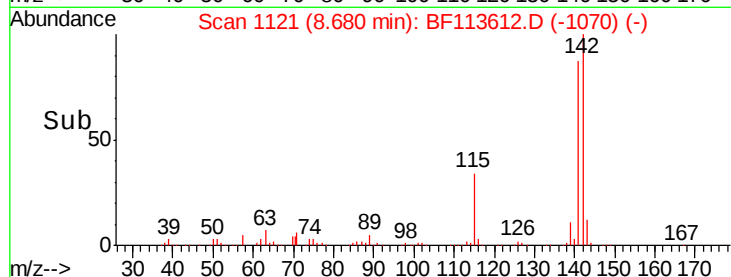
#37  
2-Methylnaphthalene  
Concen: 40.958 ng  
RT: 8.68 min Scan# 1121  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:142 Resp: 691006  
Ion Ratio Lower Upper  
142 100  
141 87.3 71.0 106.6  
115 33.6 26.6 39.8

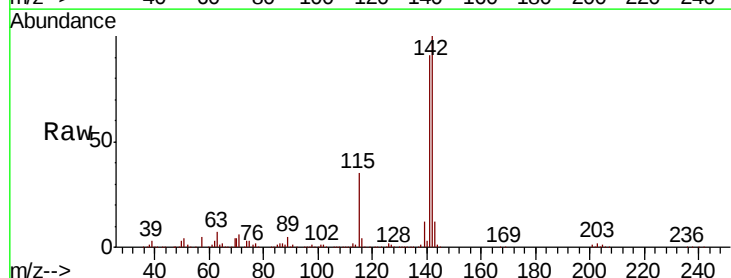


Abundance Ion 142.00 (141.70 to 142.70): E  
1000000 Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

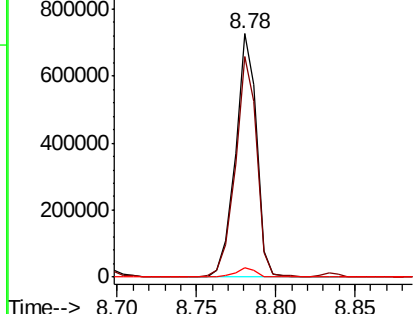
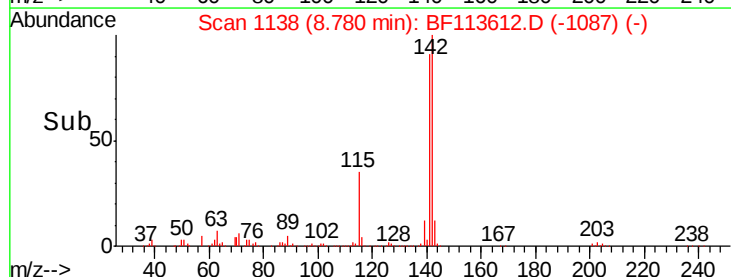


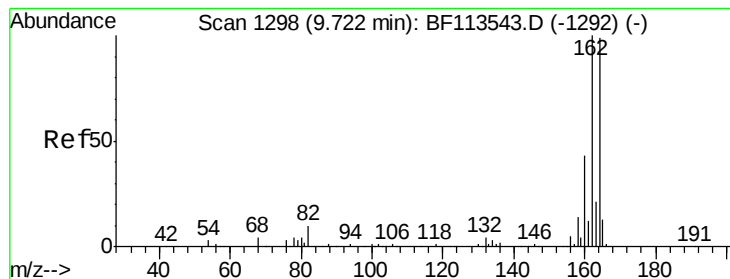
#38  
1-Methylnaphthalene  
Concen: 40.896 ng  
RT: 8.78 min Scan# 1138  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Tgt Ion:142 Resp: 665310  
Ion Ratio Lower Upper  
142 100  
141 90.6 73.2 109.8  
116 3.7 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E  
1000000 Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

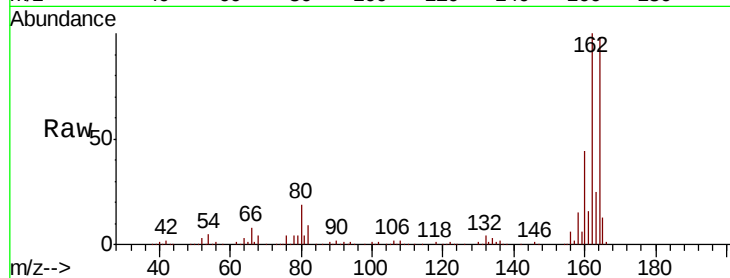
Tot Ion:164 Resp: 262041

Ion Ratio Lower Upper

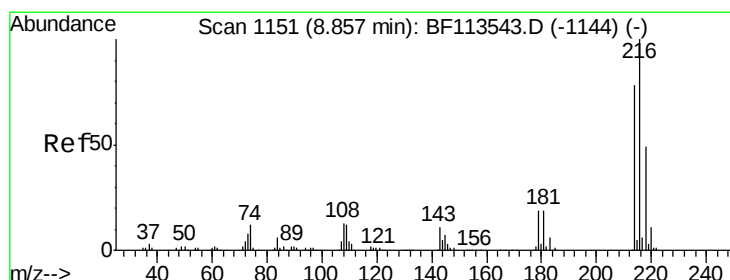
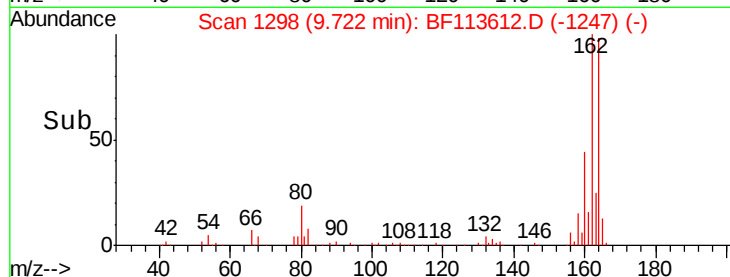
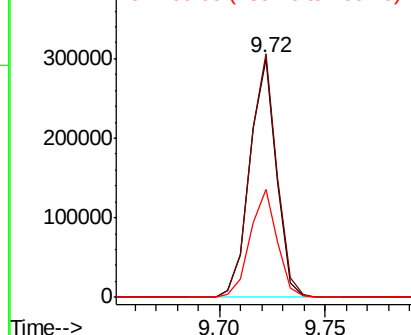
164 100

162 102.0 81.8 122.6

160 45.4 36.4 54.6



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: 40.058 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Tgt Ion:216 Resp: 339479

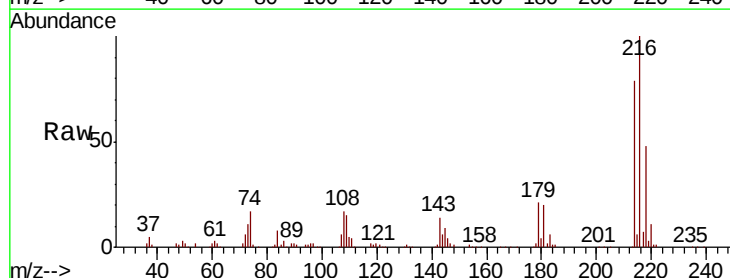
Ion Ratio Lower Upper

216 100

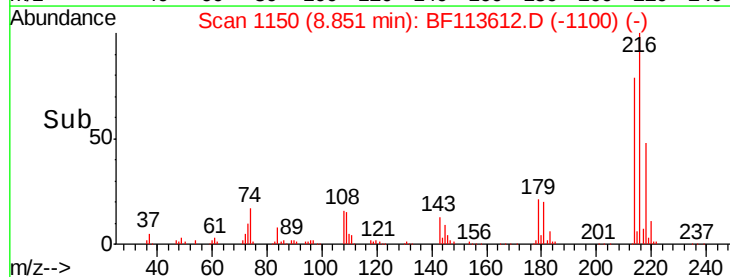
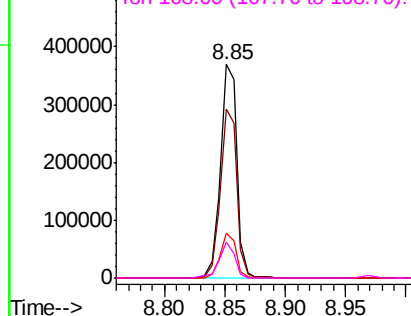
214 79.1 63.0 94.6

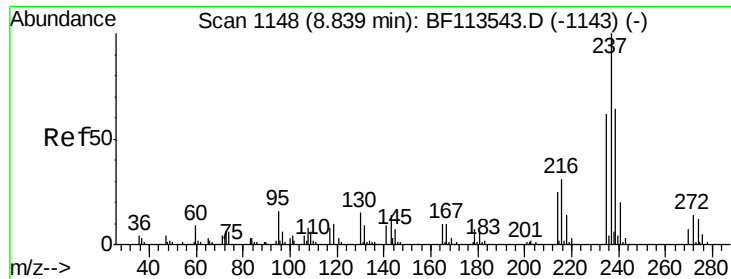
179 20.2 16.8 25.2

108 16.3 13.8 20.6



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 34.032 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

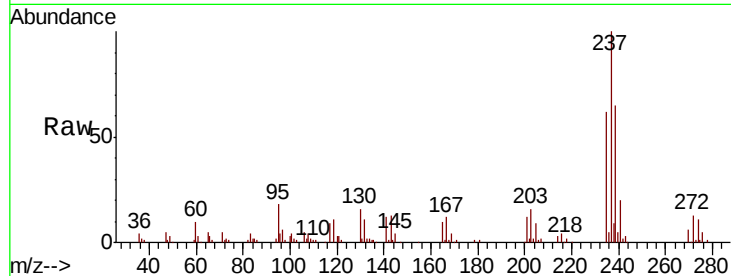
Tot Ion:237 Resp: 73573

Ion Ratio Lower Upper

237 100

235 62.2 43.4 83.4

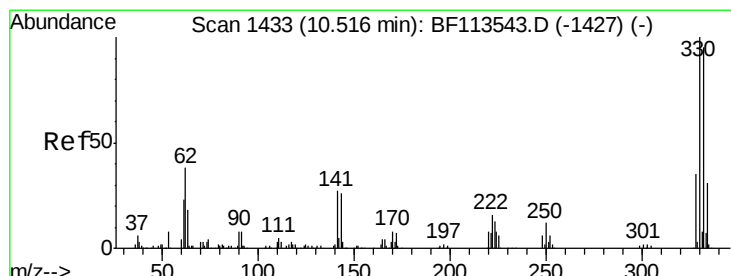
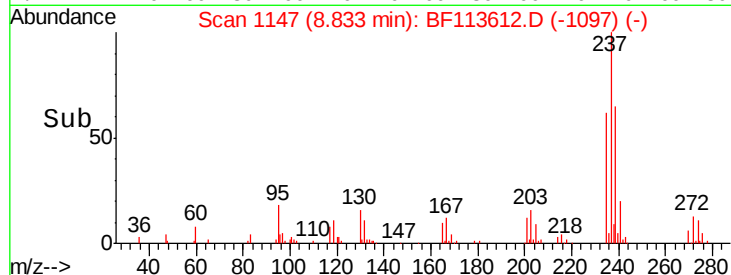
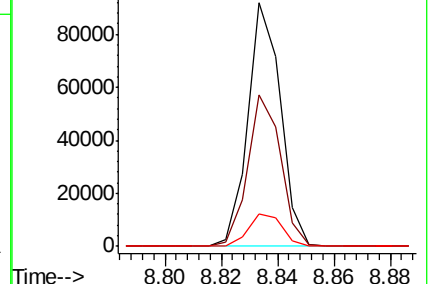
272 13.1 0.0 33.7



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: 81.834 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

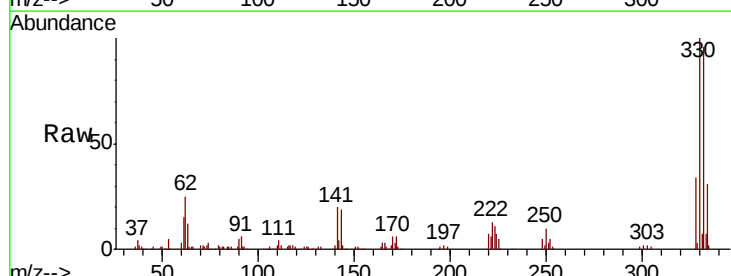
Tgt Ion:330 Resp: 257594

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.6

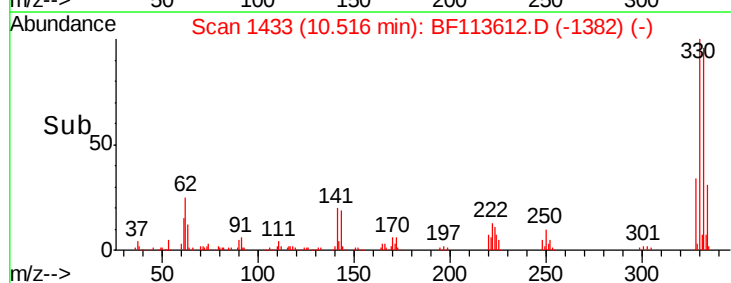
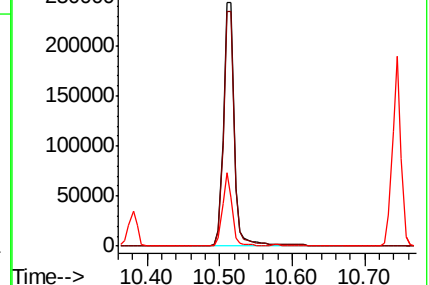
141 26.4 22.7 34.1

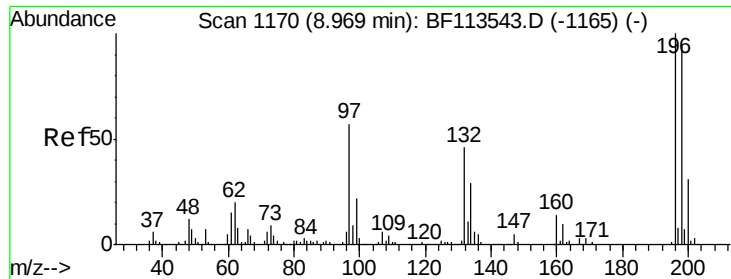


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

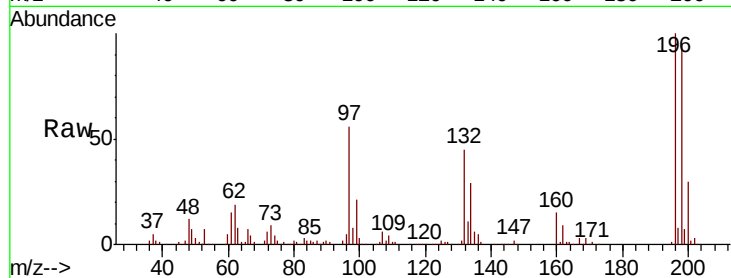




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.695 ng  
 RT: 8.97 min Scan# 1170  
 Delta R.T. -0.00 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion   | 196   | Resp  | 212343 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.3  | 77.7  | 116.5  |
| 200       | 30.4  | 24.9  | 37.3   |

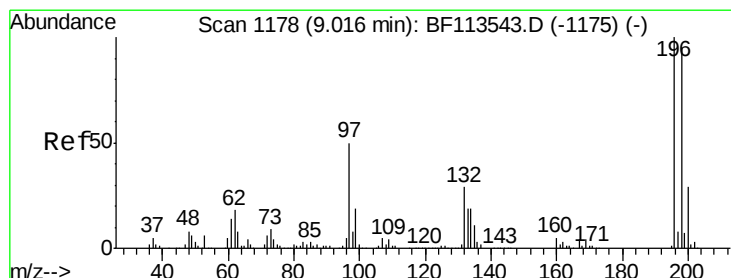
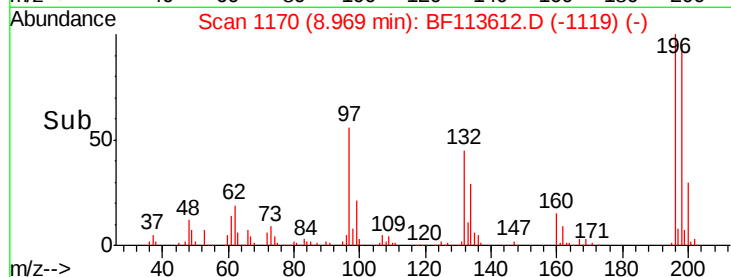
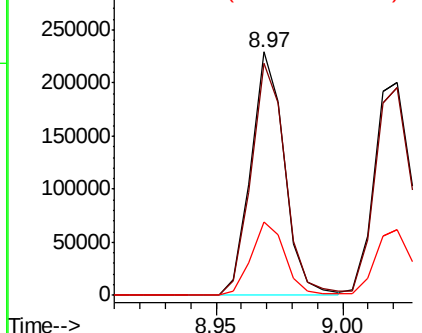


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.354 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. 0.01 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

| Tgt Ion   | 196   | Resp  | 231758 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.7  | 75.4  | 113.2  |
| 97        | 43.4  | 38.6  | 58.0   |
| 132       | 26.3  | 22.9  | 34.3   |

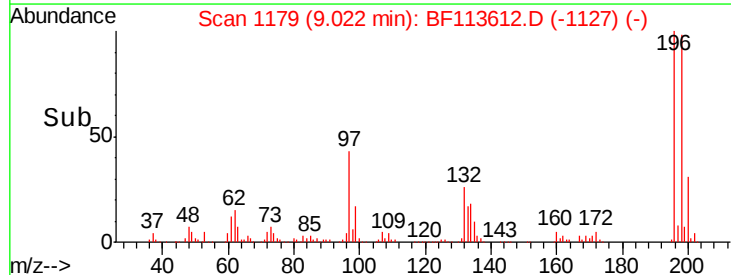
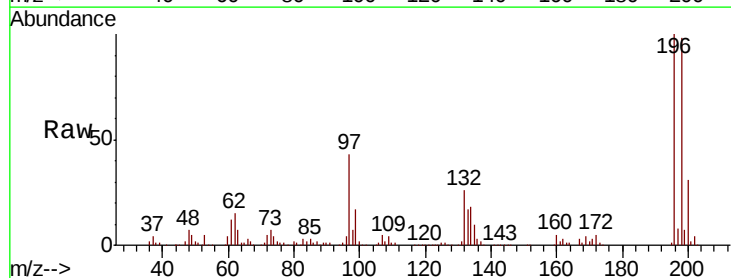
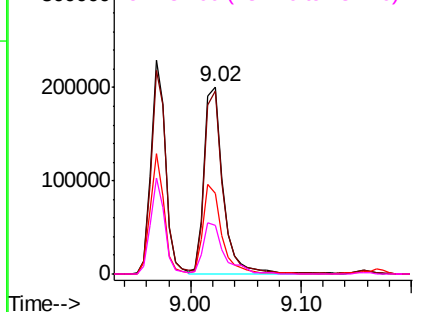
Abundance

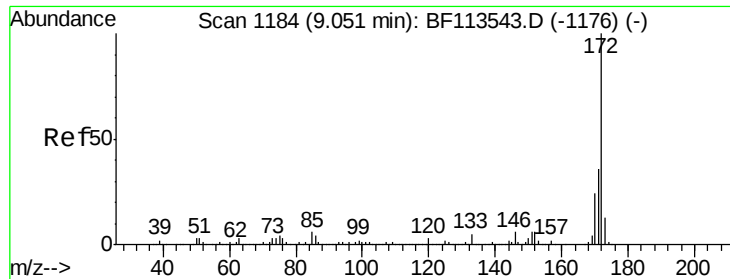
Ion 196.00 (195.70 to 196.70): E

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

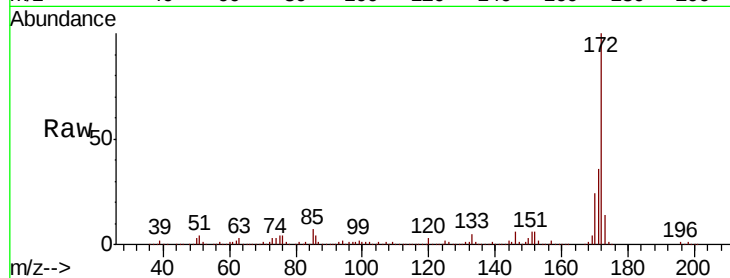




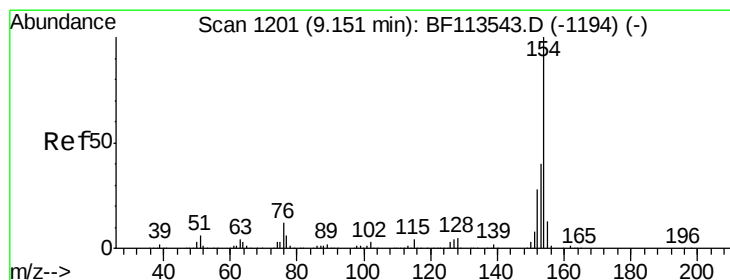
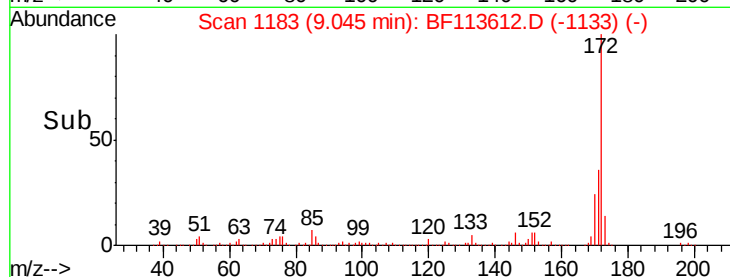
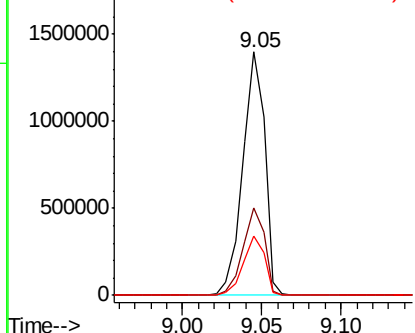
#45  
2-Fluorobiphenyl  
Concen: 82.480 ng  
RT: 9.05 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:172 Resp: 1342527  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.0 43.6  
170 24.4 19.5 29.3

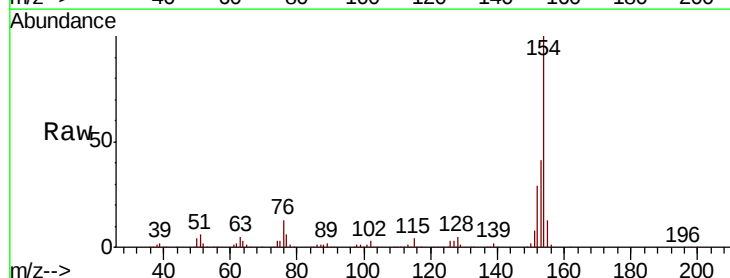


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

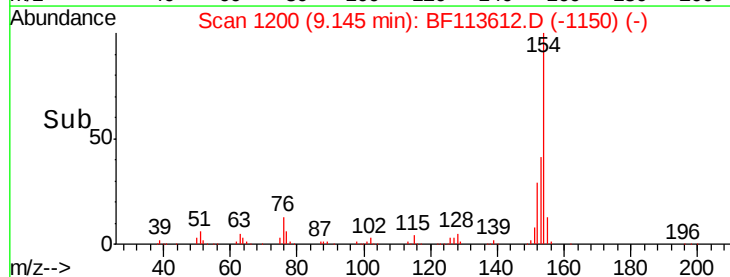
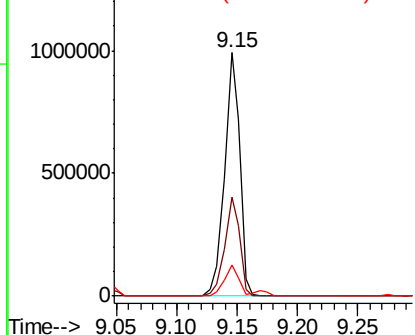


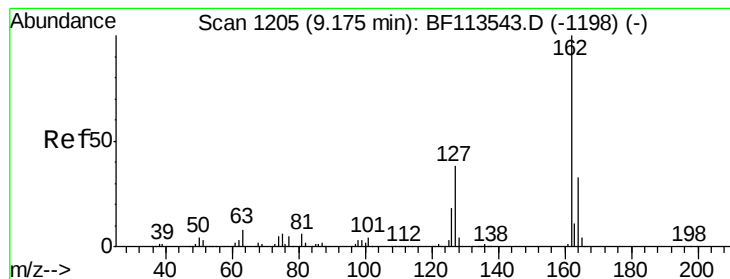
#46  
1,1'-Biphenyl  
Concen: 39.763 ng  
RT: 9.15 min Scan# 1200  
Delta R.T. -0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Tgt Ion:154 Resp: 859797  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.8 60.8  
76 12.7 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1

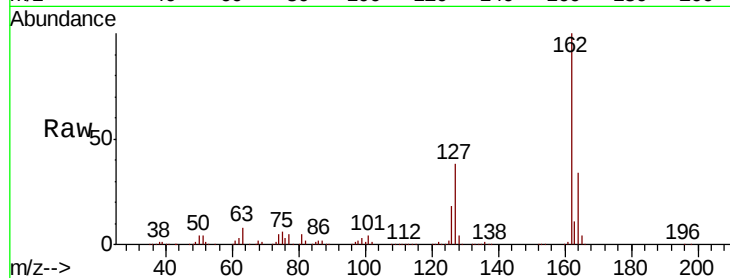




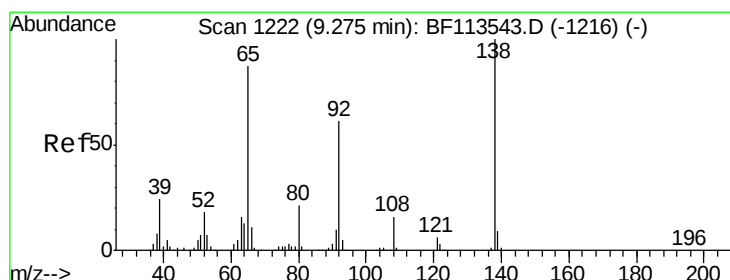
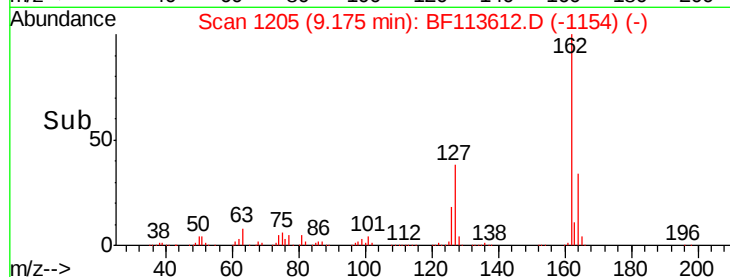
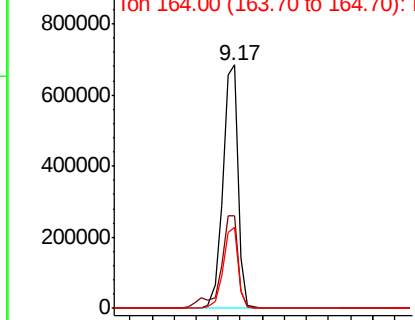
#47  
2-Chloronaphthalene  
Concen: 40.325 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.0  | 32.6  | 49.0  |
| 164     | 33.5  | 26.6  | 39.8  |

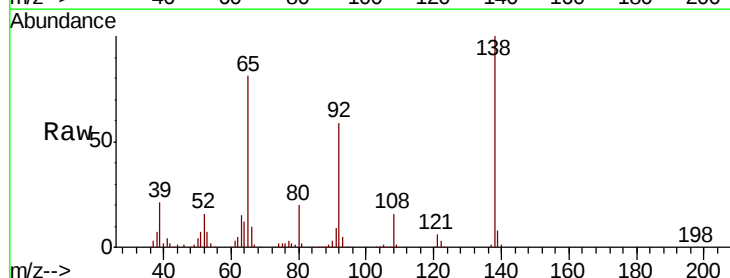


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

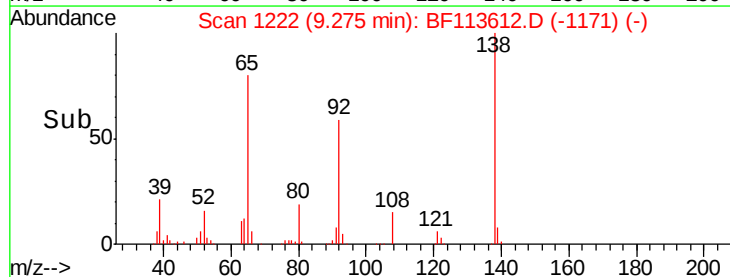
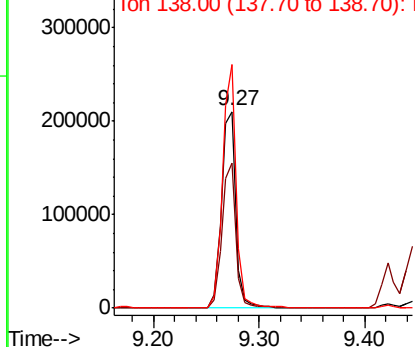


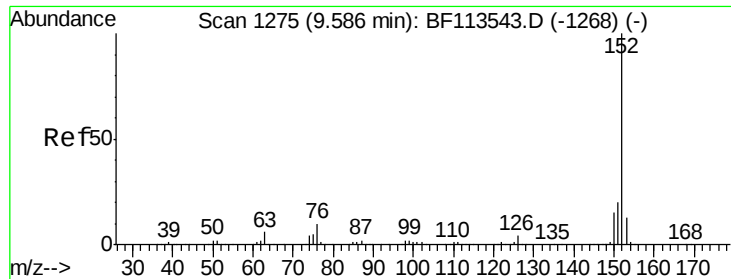
#48  
2-Nitroaniline  
Concen: 40.612 ng  
RT: 9.27 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.8  | 56.8  | 85.2  |
| 138     | 124.0 | 92.3  | 138.5 |



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: 40.409 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

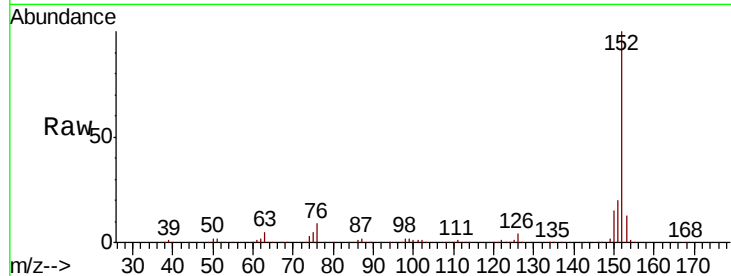
Tot Ion:152 Resp: 1075784

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

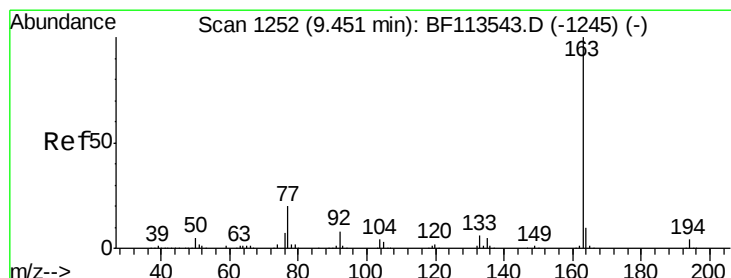
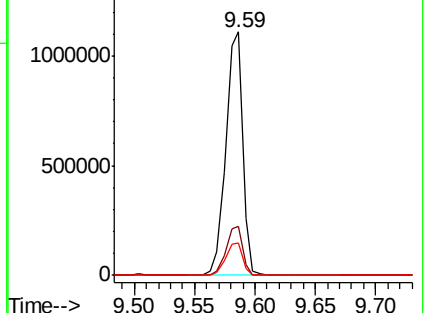
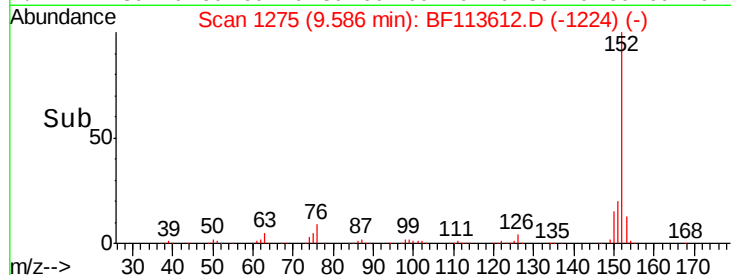
153 13.2 11.0 16.6



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: 39.318 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

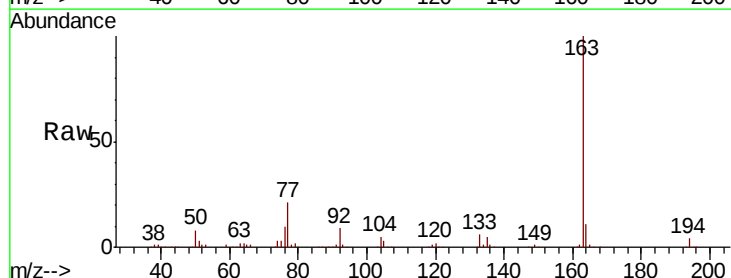
Tgt Ion:163 Resp: 759463

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

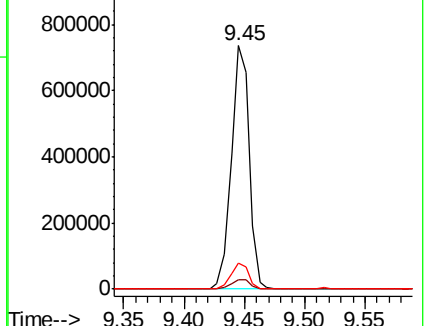
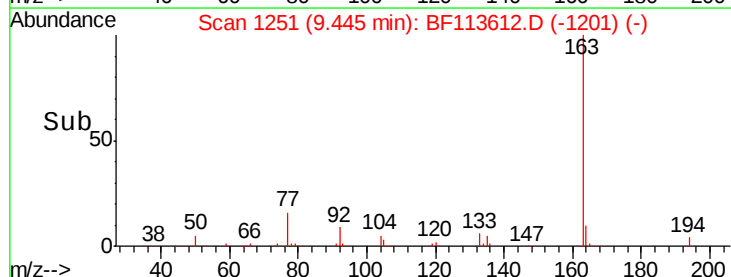
164 10.6 8.1 12.1

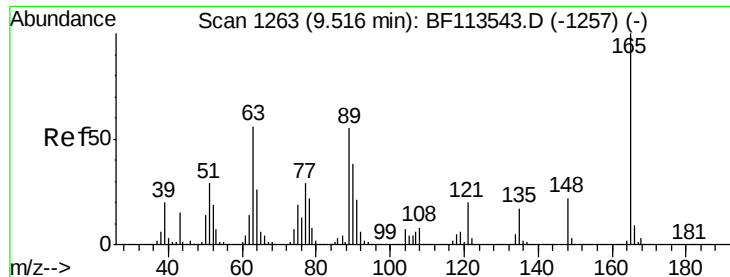


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.315 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

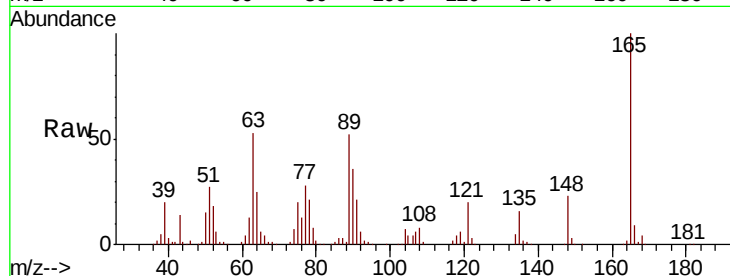
Tot Ion:165 Resp: 171651

Ion Ratio Lower Upper

165 100

63 53.3 43.4 65.0

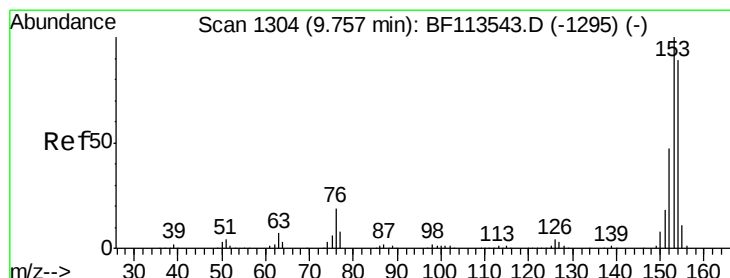
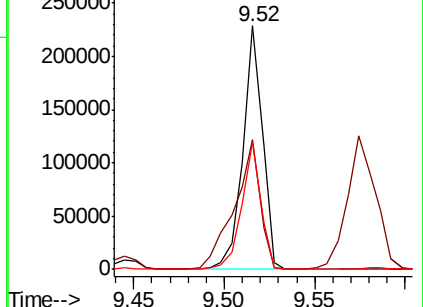
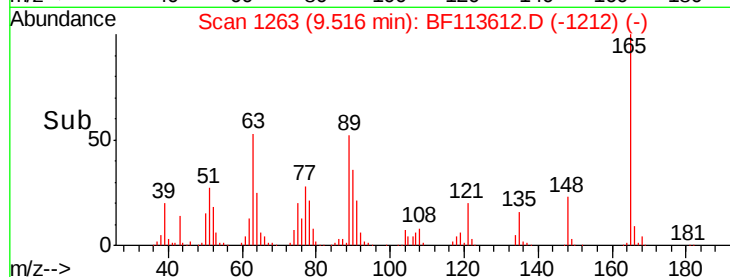
89 52.2 43.1 64.7



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



#52

Acenaphthene

Concen: 39.806 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

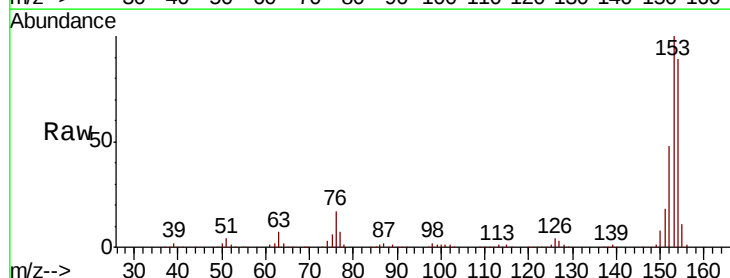
Tgt Ion:154 Resp: 606617

Ion Ratio Lower Upper

154 100

153 112.7 89.5 134.3

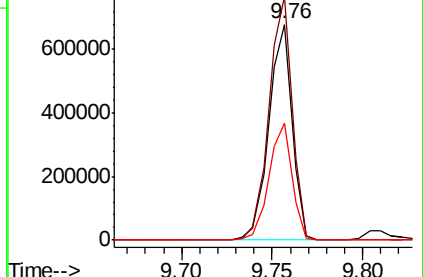
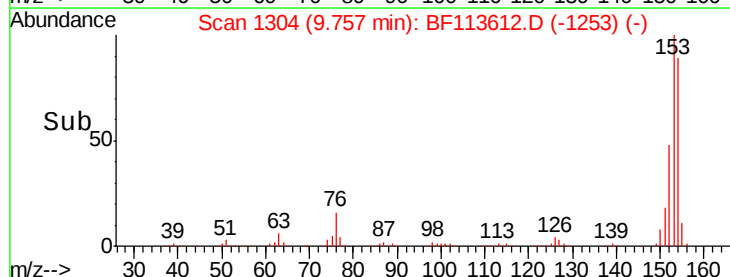
152 54.2 43.3 64.9

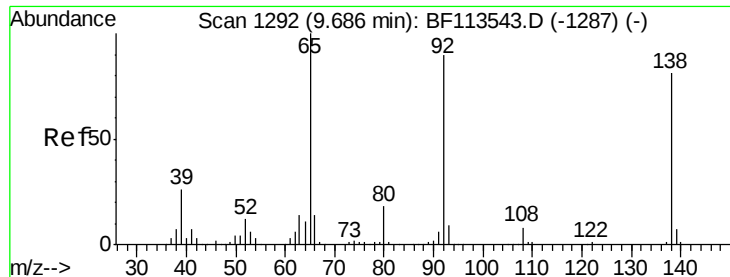


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

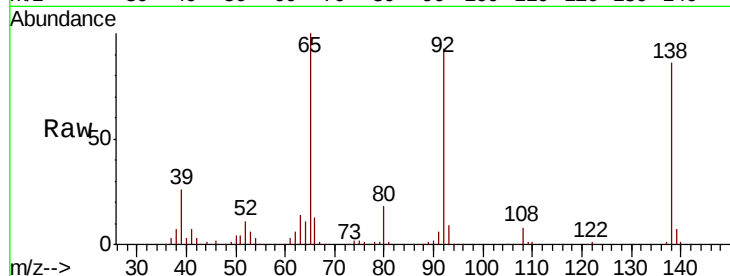




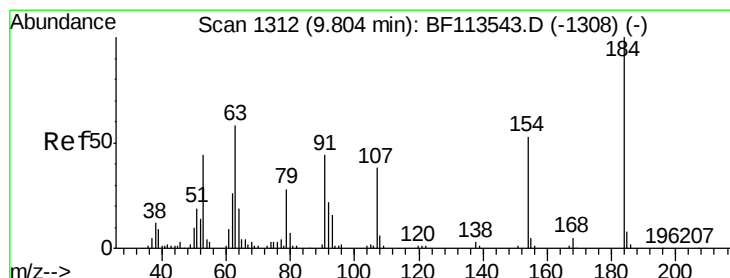
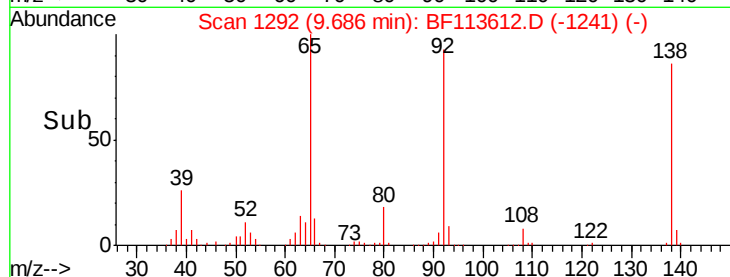
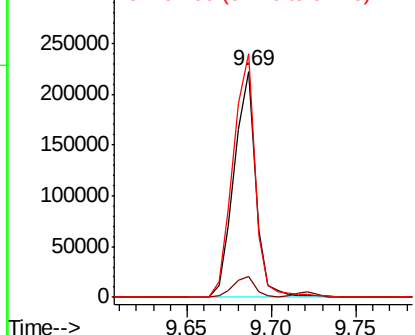
#53  
3-Nitroaniline  
Concen: 41.033 ng  
RT: 9.69 min Scan# 1292  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:138 Resp: 198634  
Ion Ratio Lower Upper  
138 100  
108 9.4 7.8 11.6  
92 107.7 82.6 124.0

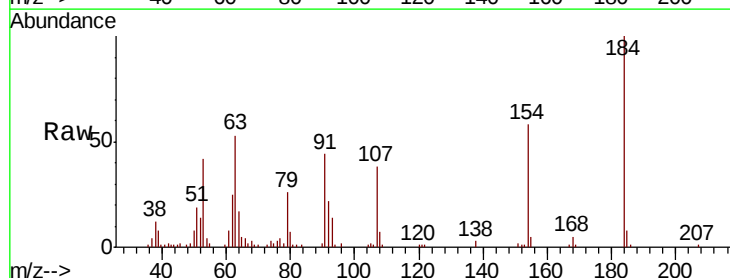


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

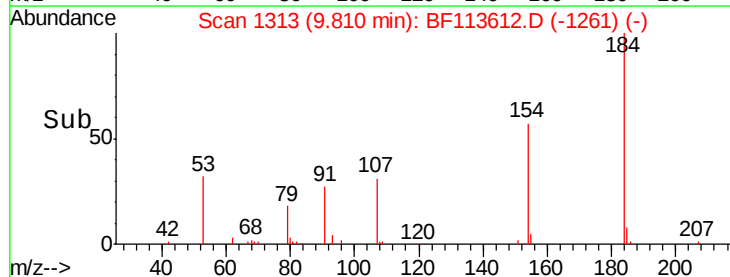
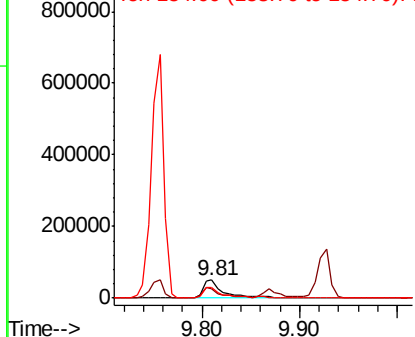


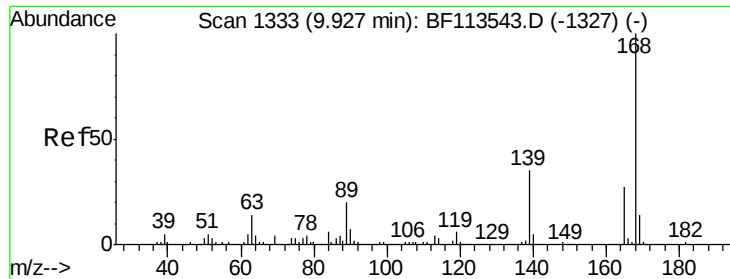
#54  
2,4-Dinitrophenol  
Concen: 37.852 ng  
RT: 9.81 min Scan# 1313  
Delta R.T. 0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Tgt Ion:184 Resp: 75401  
Ion Ratio Lower Upper  
184 100  
63 53.3 54.3 81.5#  
154 57.6 48.4 72.6



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

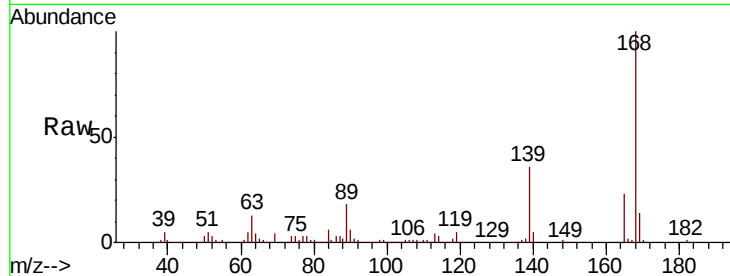




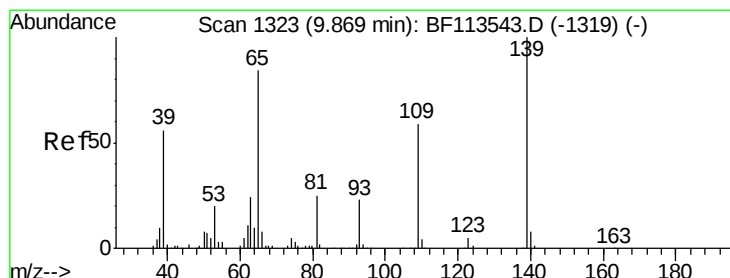
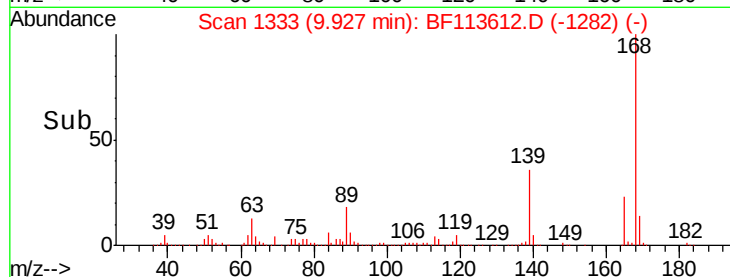
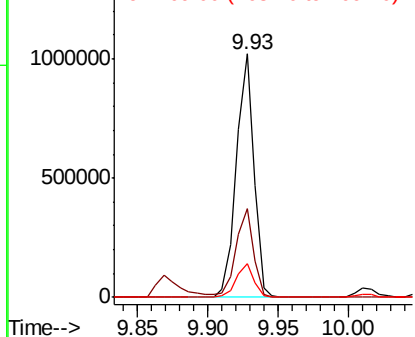
#55  
Dibenzofuran  
Concen: 39.782 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:168 Resp: 889311  
Ion Ratio Lower Upper  
168 100  
139 36.3 29.7 44.5  
169 13.8 10.7 16.1

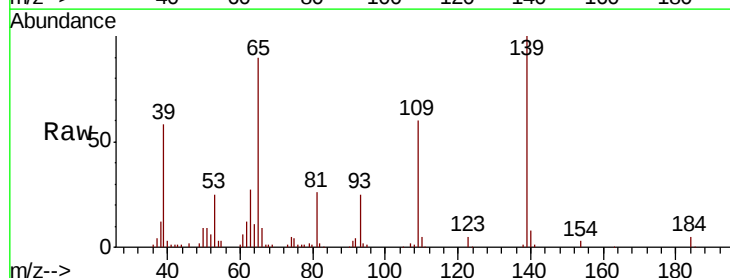


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

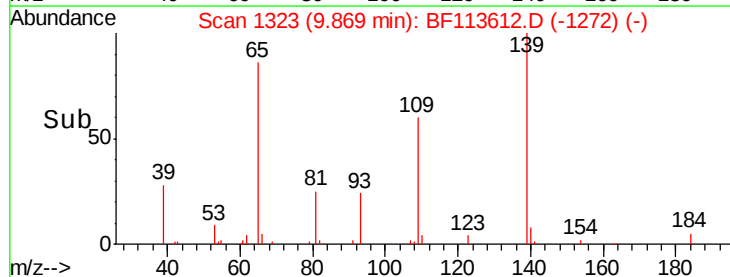
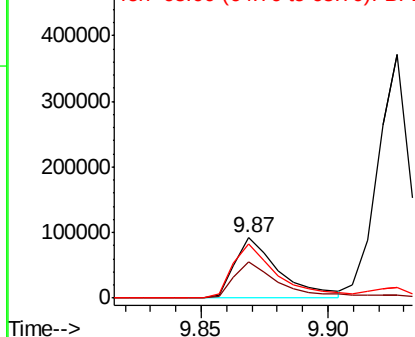


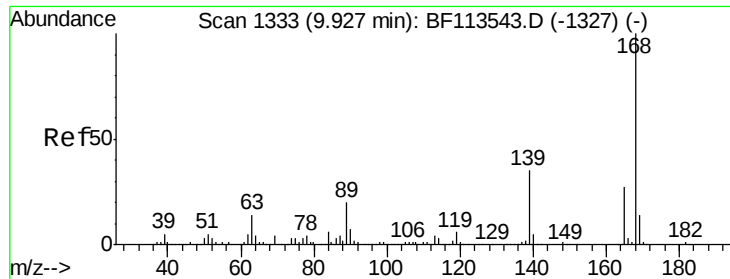
#56  
4-Nitrophenol  
Concen: 37.231 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Tgt Ion:139 Resp: 111802  
Ion Ratio Lower Upper  
139 100  
109 60.1 46.9 86.9  
65 90.1 77.2 117.2



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

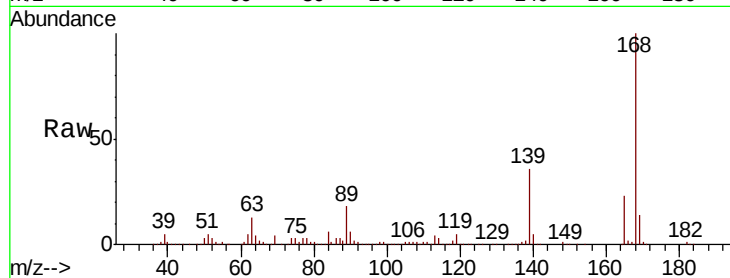




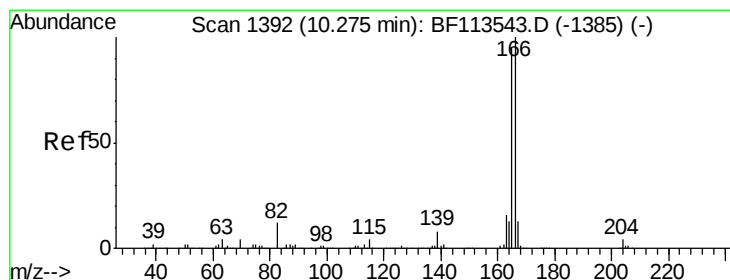
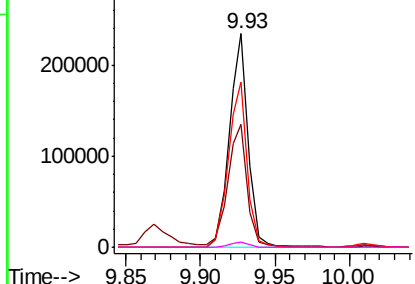
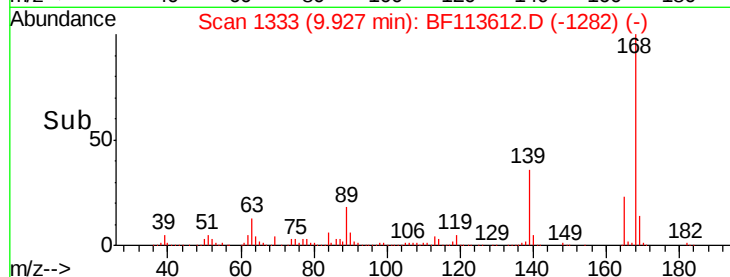
#57  
 2,4-Dinitrotoluene  
 Concen: 40.358 ng  
 RT: 9.93 min Scan# 1333  
 Delta R.T. -0.00 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 57.8  | 37.5  | 56.3  |
| 89      | 77.3  | 57.4  | 86.2  |
| 182     | 2.6   | 2.0   | 3.0   |

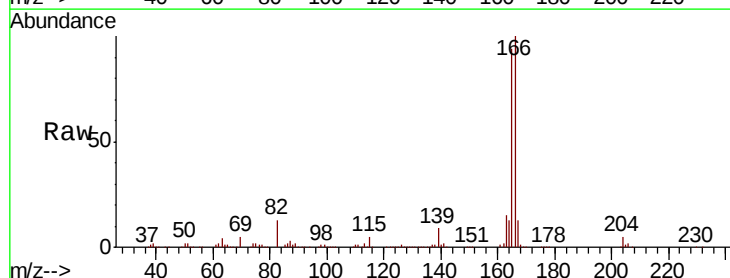


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1  
 Ion 182.00 (181.70 to 182.70): E

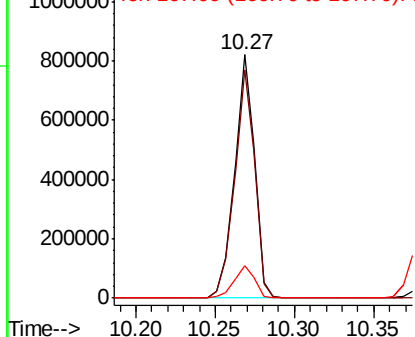
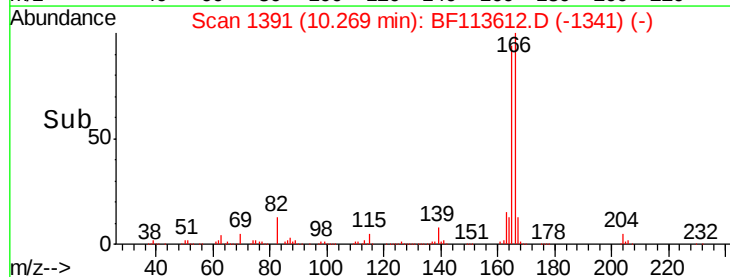


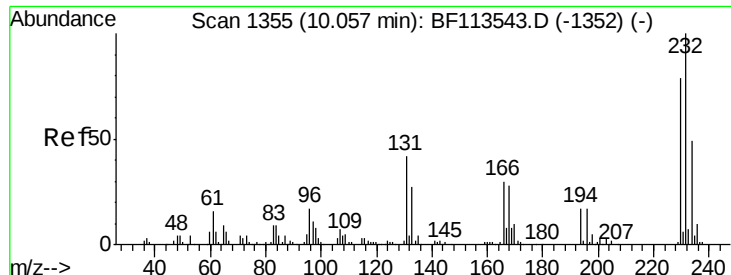
#58  
 Fluorene  
 Concen: 40.565 ng  
 RT: 10.27 min Scan# 1391  
 Delta R.T. -0.01 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 93.5  | 76.2  | 114.2 |
| 167     | 13.4  | 10.7  | 16.1  |



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

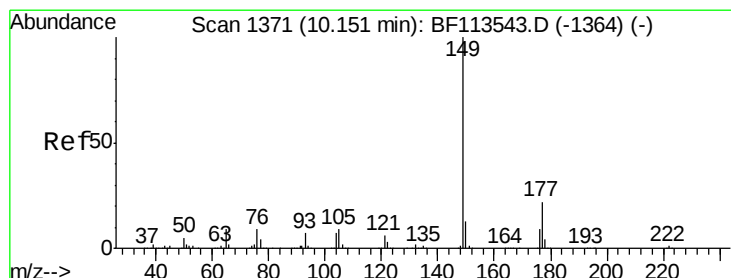
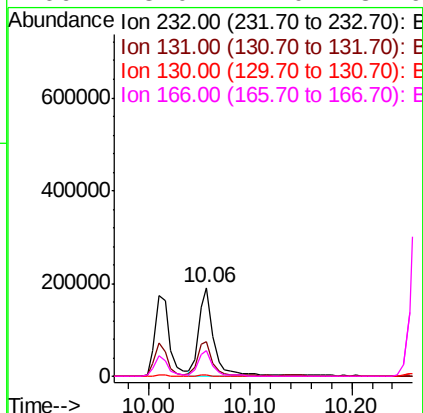
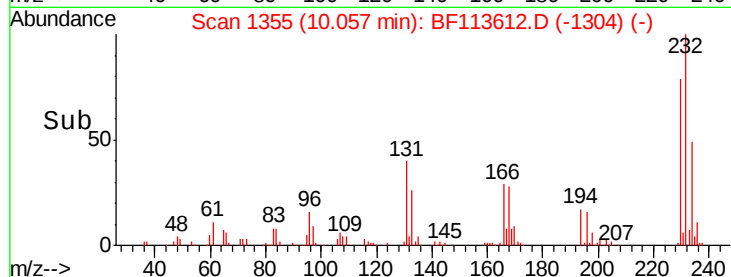
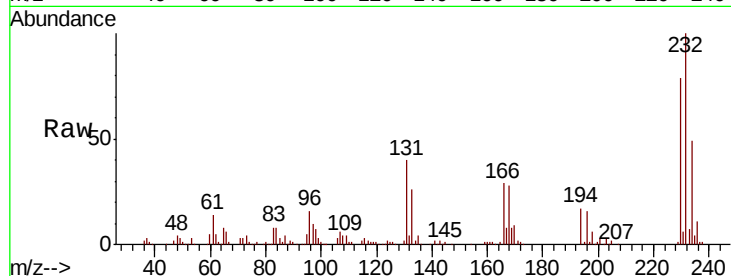




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.064 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

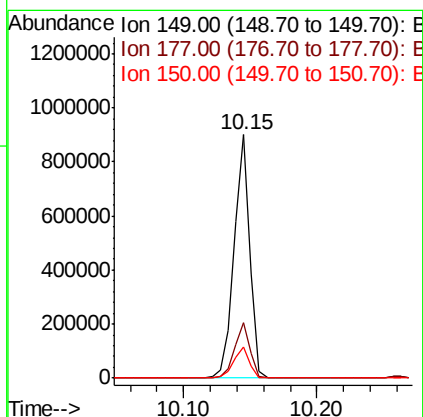
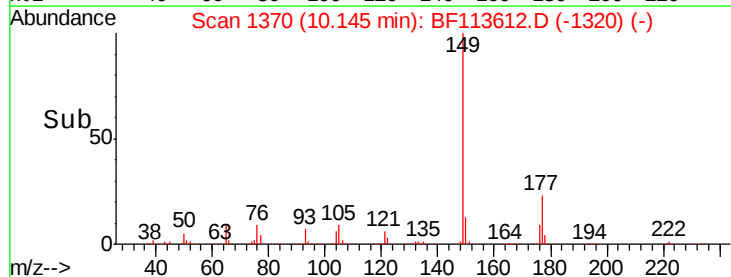
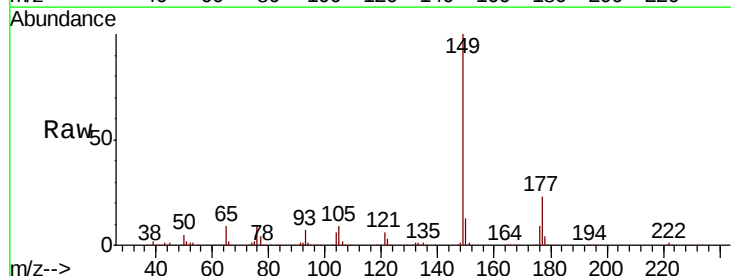
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

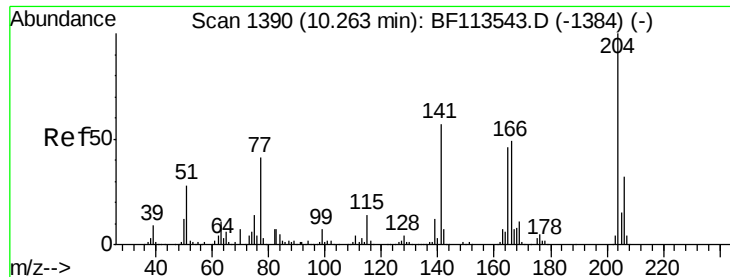
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 194194 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 39.9  | 33.2  | 49.8   |
| 130      | 1.9   | 1.6   | 2.4    |
| 166      | 28.0  | 21.0  | 31.6   |



#60  
Diethylphthalate  
Concen: 39.958 ng  
RT: 10.15 min Scan# 1370  
Delta R.T. -0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 744142 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.6  | 17.4  | 26.0   |
| 150      | 12.6  | 10.0  | 15.0   |

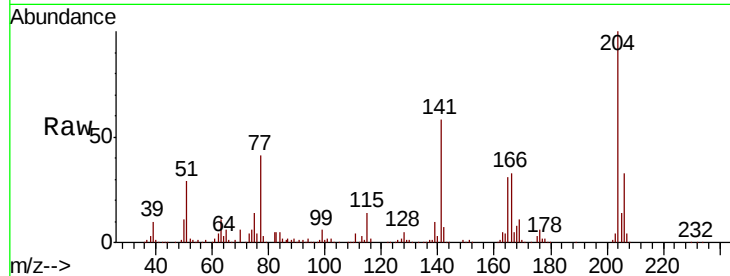




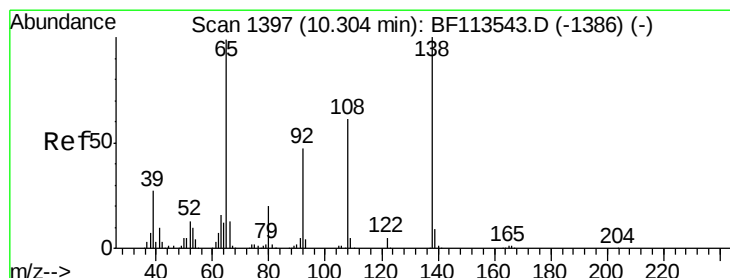
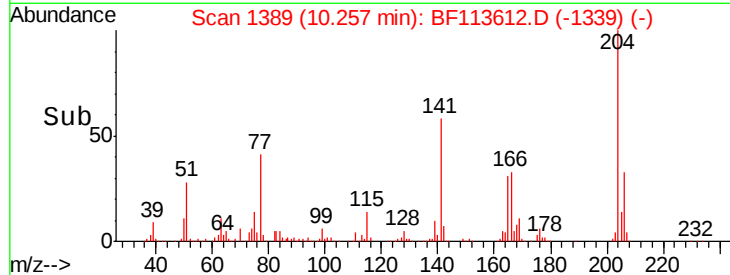
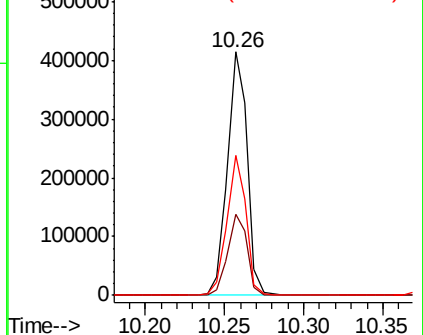
#61  
4-Chlorophenyl-phenylether  
Concen: 40.954 ng  
RT: 10.26 min Scan# 1389  
Delta R.T. -0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:204 Resp: 356159  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.9 40.3  
141 57.6 48.8 73.2

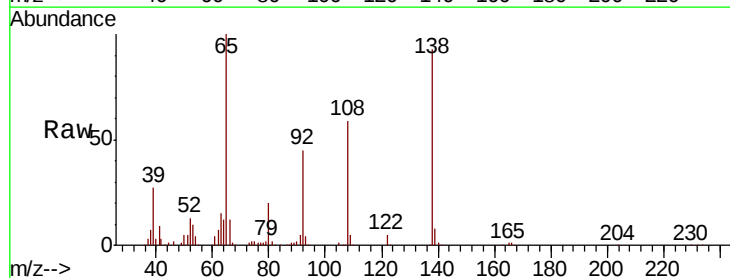


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

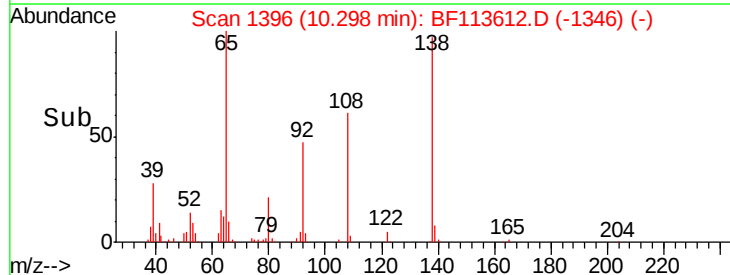
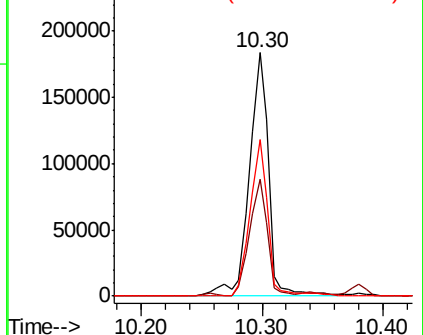


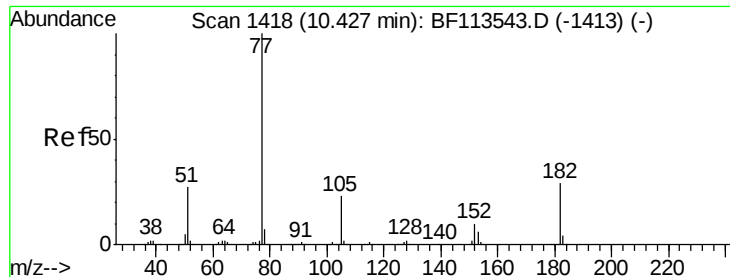
#62  
4-Nitroaniline  
Concen: 41.858 ng  
RT: 10.30 min Scan# 1396  
Delta R.T. -0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Tgt Ion:138 Resp: 206048  
Ion Ratio Lower Upper  
138 100  
92 48.2 25.8 65.8  
108 64.2 44.0 84.0



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

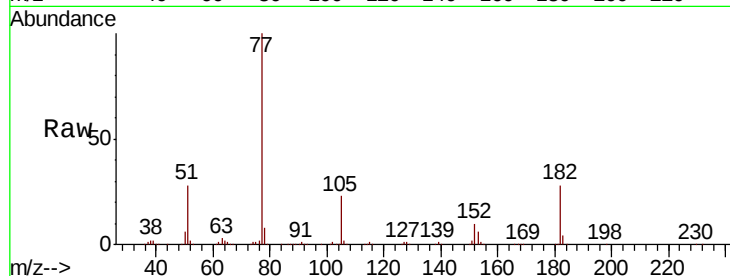




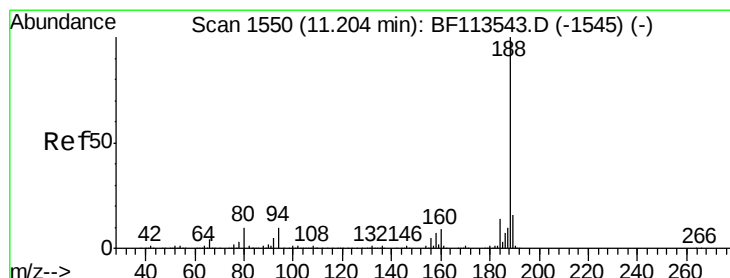
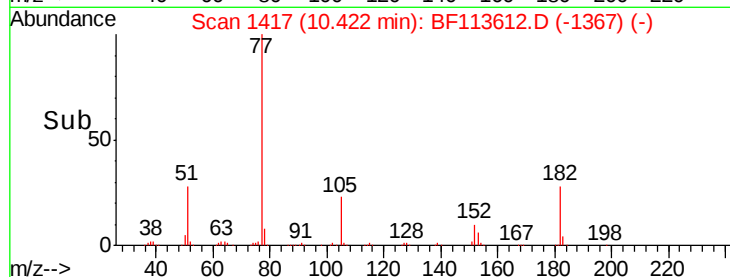
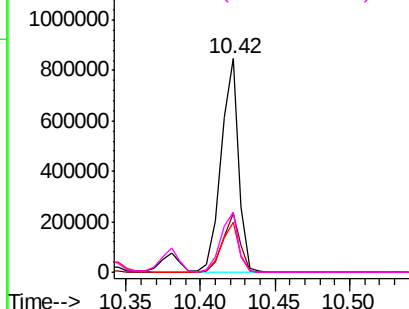
#63  
Azobenzene  
Concen: 39.561 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. -0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion: | 77    | Resp: | 697587 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 27.7  | 8.7   | 48.7   |
| 105      | 23.1  | 2.9   | 42.9   |
| 51       | 28.3  | 8.8   | 48.8   |

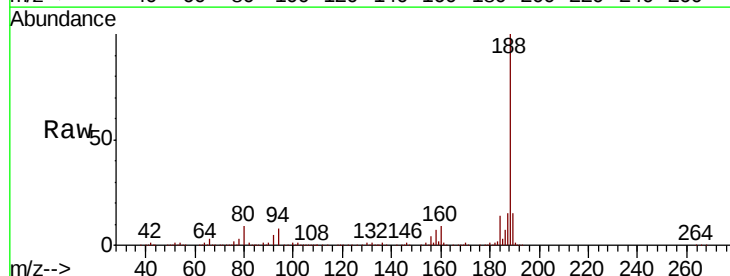


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

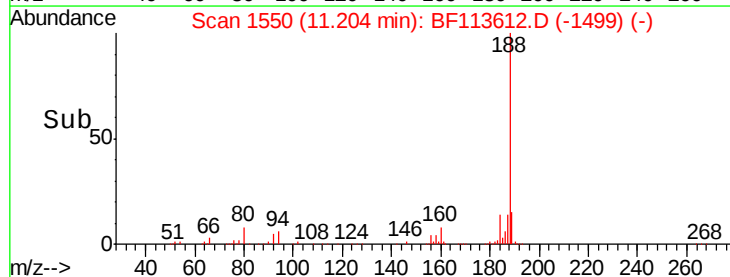
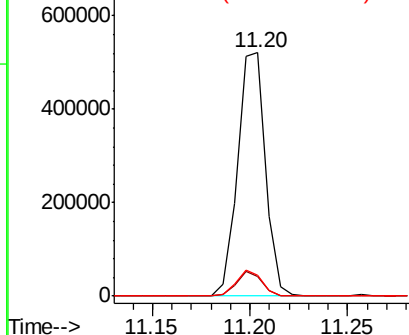


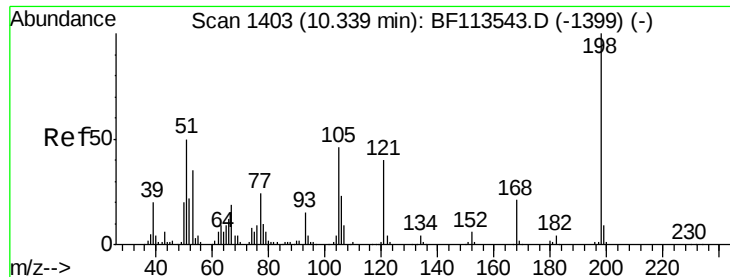
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.20 min Scan# 1550  
Delta R.T. -0.00 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

| Tgt Ion: | 188   | Resp: | 514843 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.3   | 7.0   | 10.6   |
| 80       | 8.5   | 7.7   | 11.5   |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

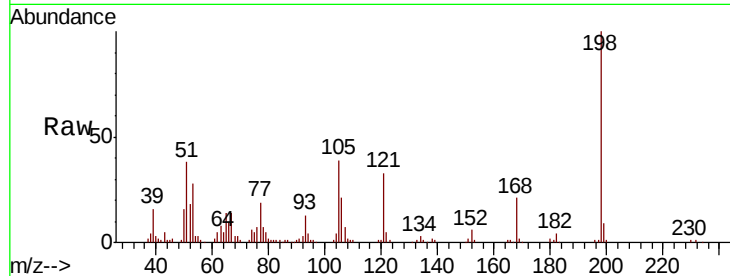




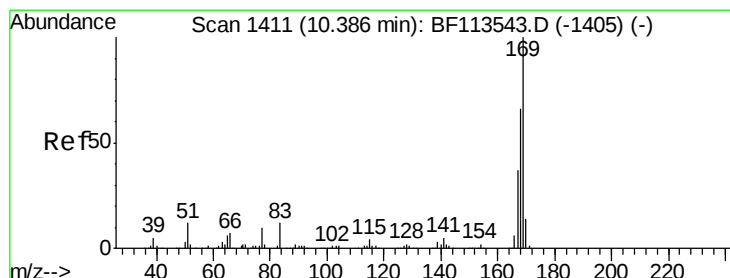
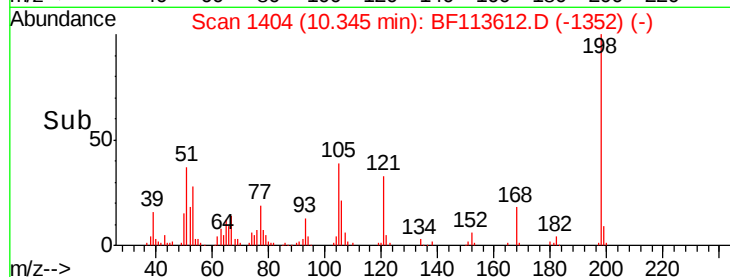
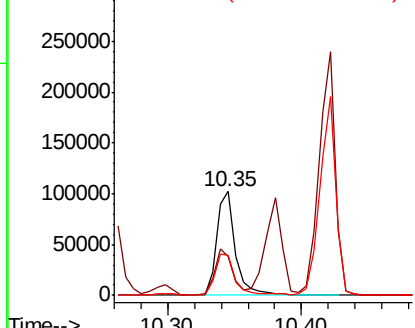
#65  
4,6-Dinitro-2-methylphenol  
Concen: 37.412 ng  
RT: 10.35 min Scan# 1404  
Delta R.T. 0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:198 Resp: 101403  
Ion Ratio Lower Upper  
198 100  
51 37.5 21.6 61.6  
105 38.6 20.6 60.6

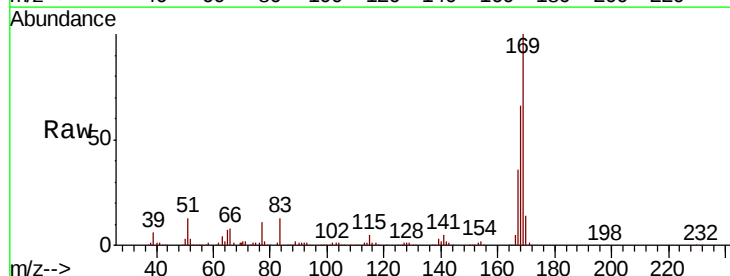


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

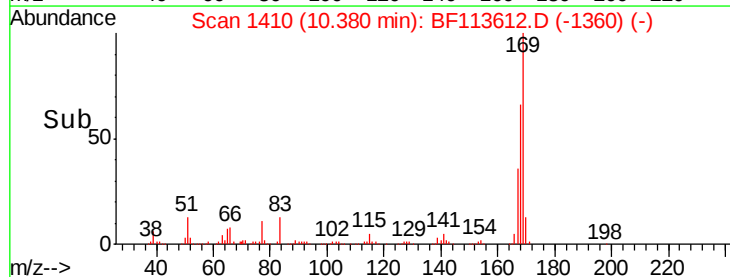
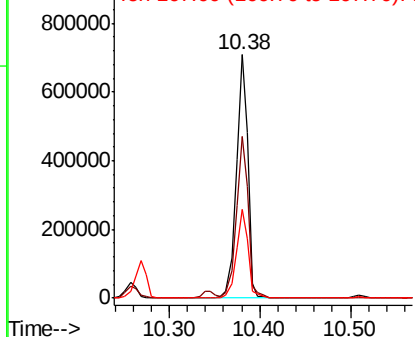


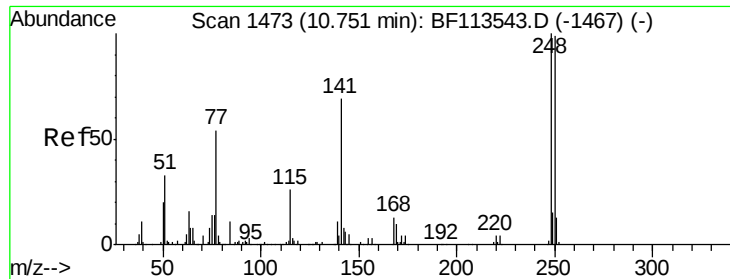
#66  
n-Nitrosodiphenylamine  
Concen: 40.403 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. -0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Tgt Ion:169 Resp: 638589  
Ion Ratio Lower Upper  
169 100  
168 66.2 53.7 80.5  
167 36.5 29.5 44.3



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

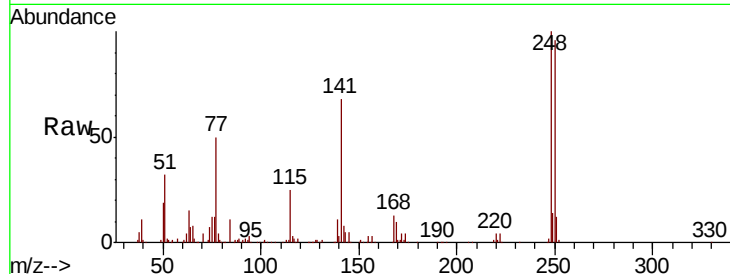




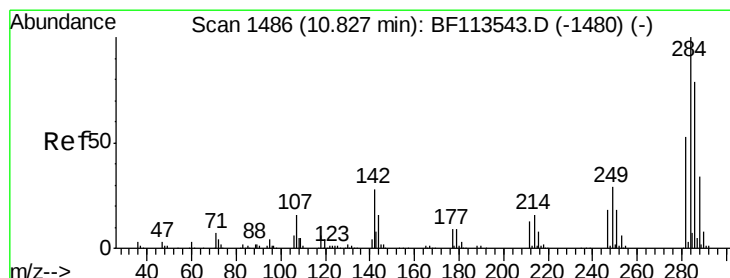
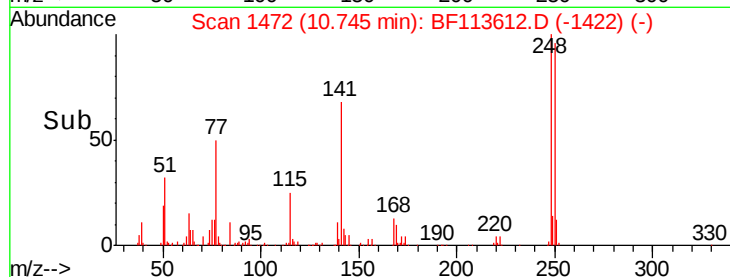
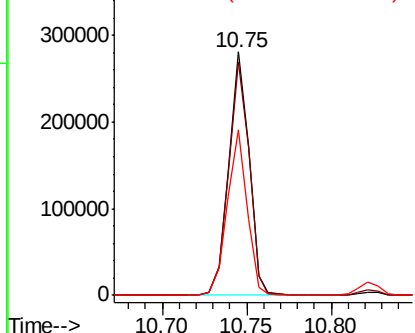
#67  
 4-Bromophenyl-phenylether  
 Concen: 40.458 ng  
 RT: 10.75 min Scan# 1472  
 Delta R.T. -0.01 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.1  | 78.3  | 117.5 |
| 141     | 67.7  | 56.2  | 84.4  |

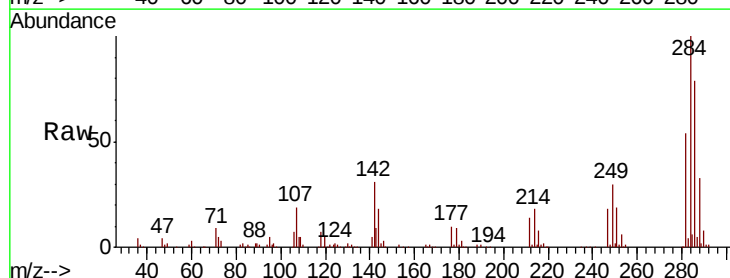


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

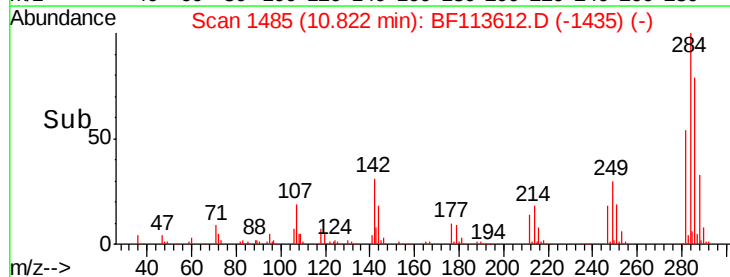
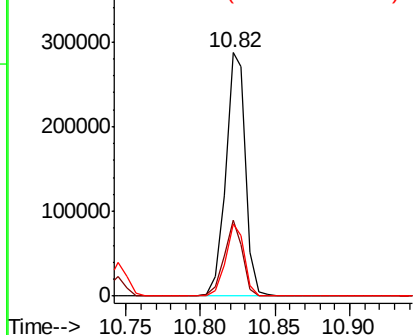


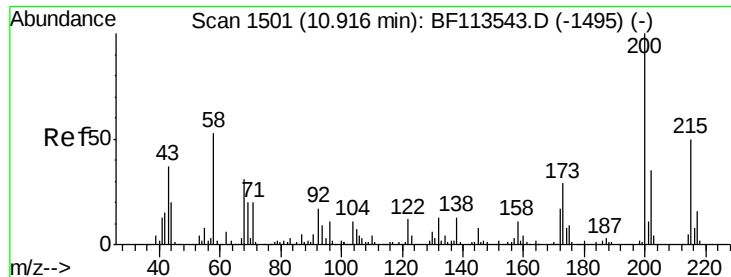
#68  
 Hexachlorobenzene  
 Concen: 40.728 ng  
 RT: 10.82 min Scan# 1485  
 Delta R.T. -0.01 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.3  | 20.1  | 30.1# |
| 249     | 29.6  | 22.7  | 34.1  |



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

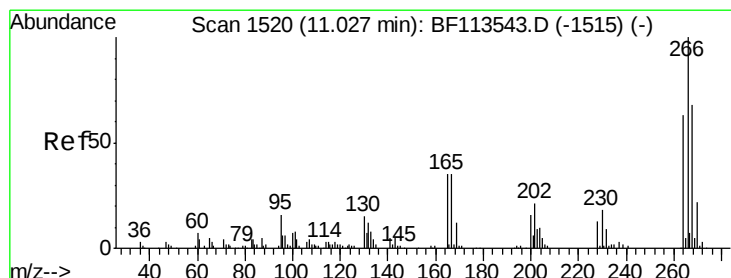
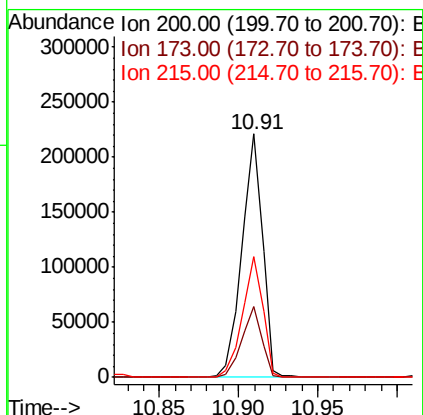
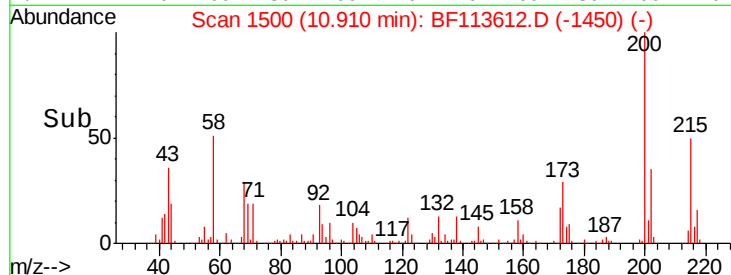
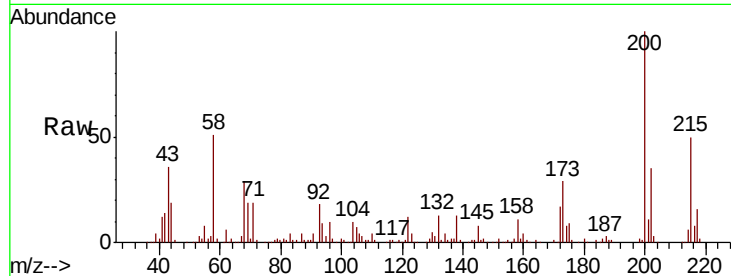




#69  
 Atrazine  
 Concen: 40.048 ng  
 RT: 10.91 min Scan# 1500  
 Delta R.T. -0.01 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

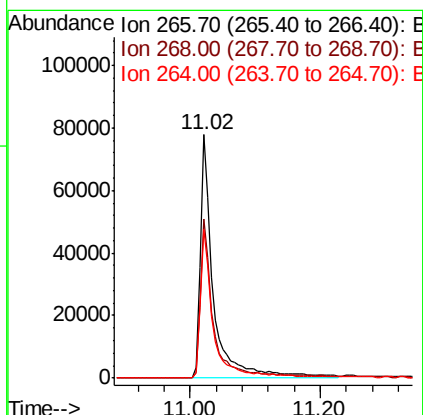
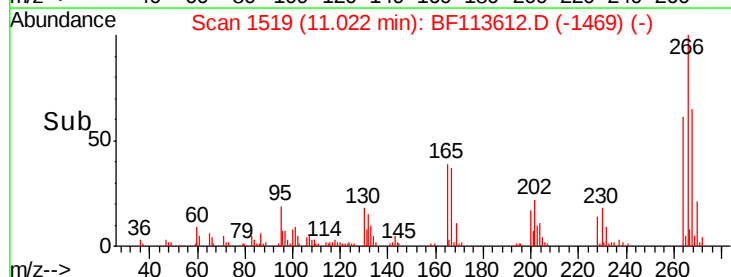
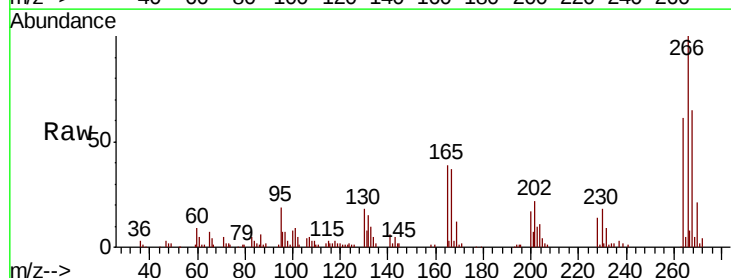
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

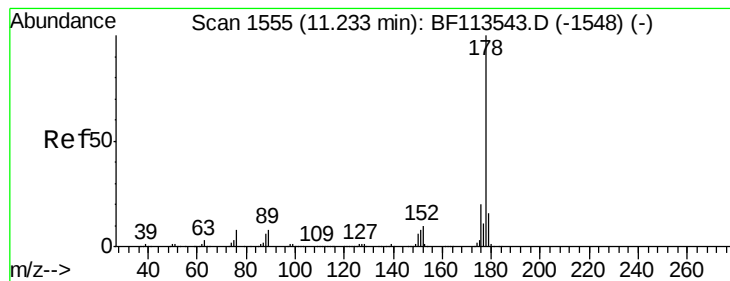
Tot Ion:200 Resp: 199510  
 Ion Ratio Lower Upper  
 200 100  
 173 28.9 6.0 46.0  
 215 49.5 31.3 71.3



#70  
 Pentachlorophenol  
 Concen: 35.302 ng  
 RT: 11.02 min Scan# 1519  
 Delta R.T. -0.01 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

Tgt Ion:266 Resp: 110059  
 Ion Ratio Lower Upper  
 266 100  
 268 65.2 53.8 80.6  
 264 61.3 49.2 73.8





#71

Phenanthrene

Concen: 40.153 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

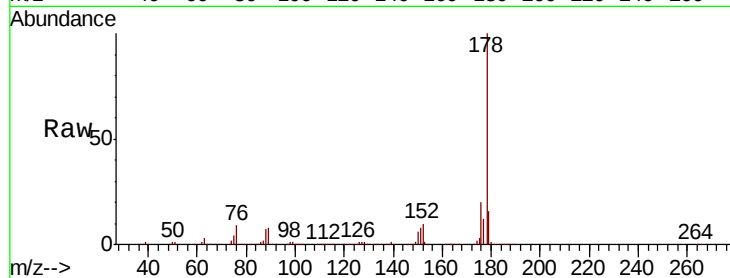
Tot Ion:178 Resp: 1027225

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

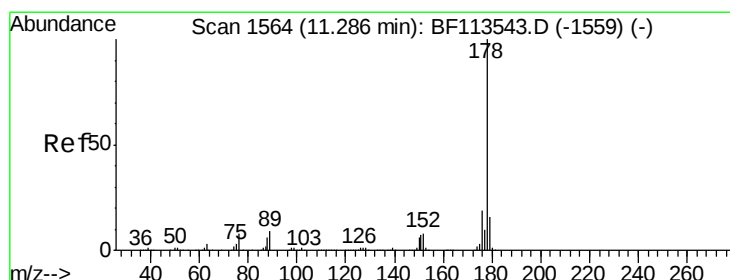
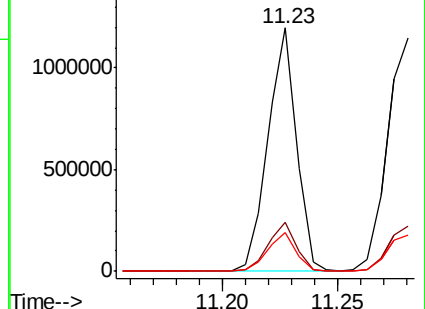
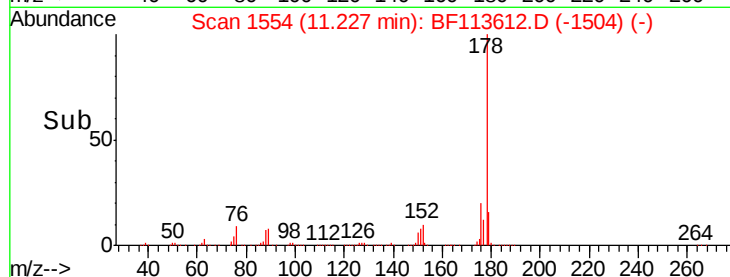
179 16.1 12.7 19.1



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: 40.759 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

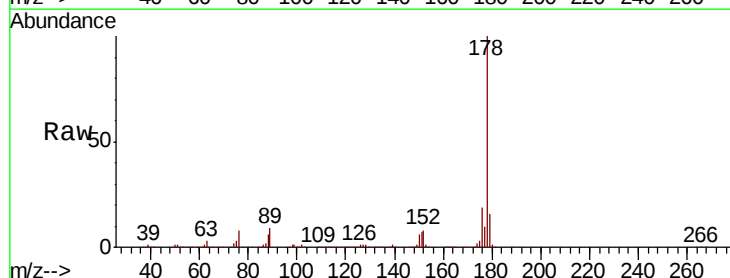
Tgt Ion:178 Resp: 1060908

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

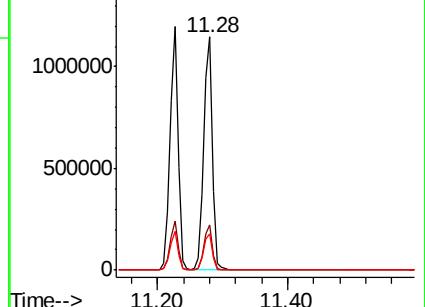
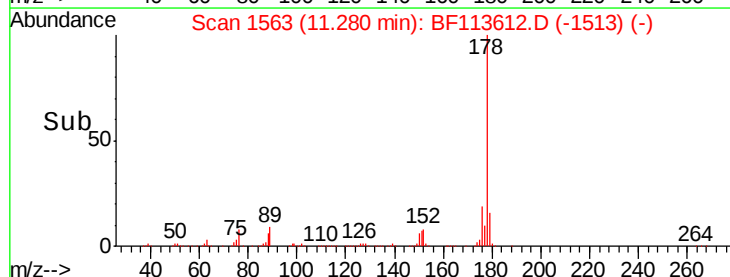
179 15.6 12.8 19.2

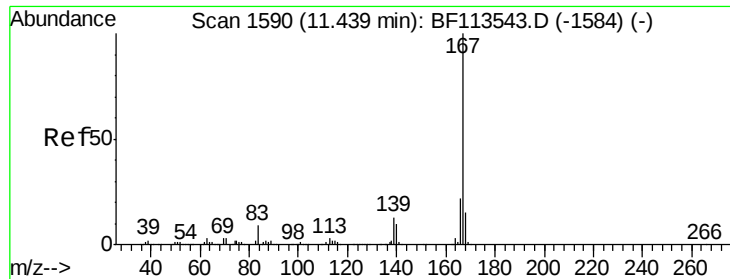


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



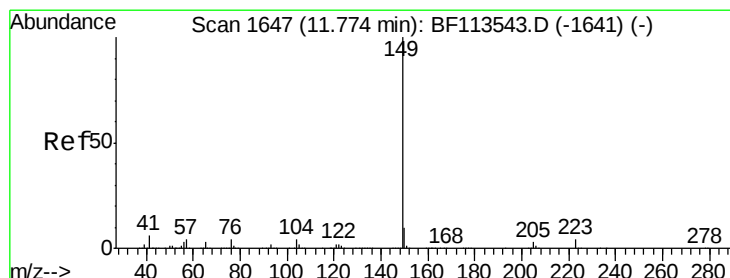
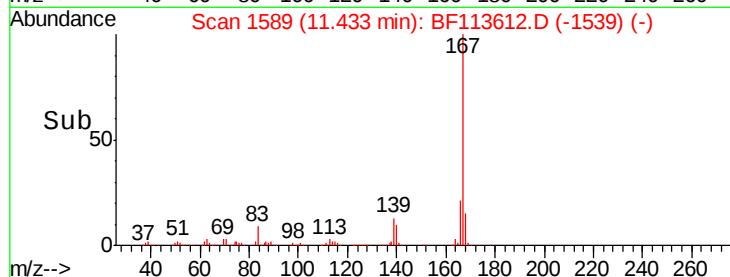
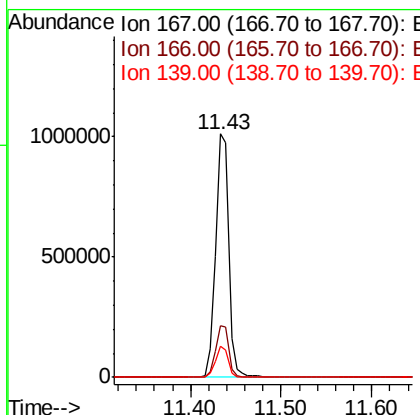
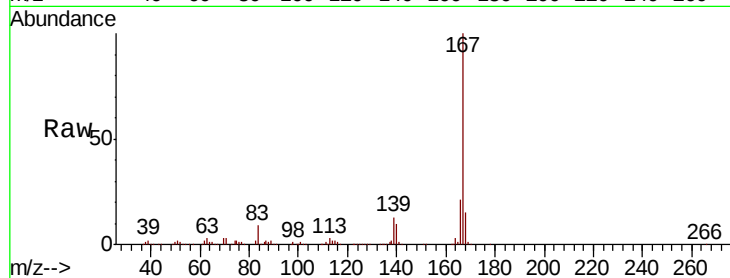


#73  
 Carbazole  
 Concen: 41.743 ng  
 RT: 11.43 min Scan# 1589  
 Delta R.T. -0.01 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:167 Resp: 1016197  

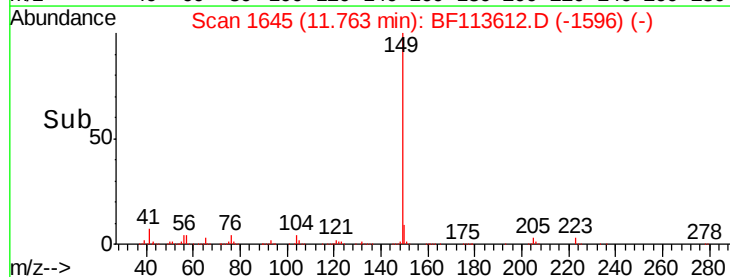
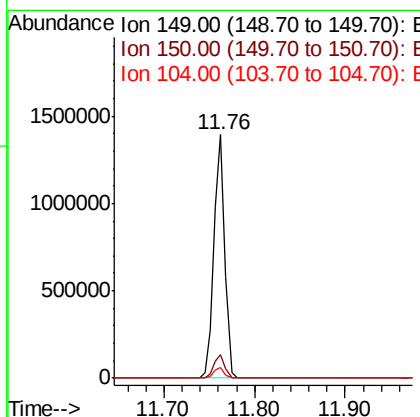
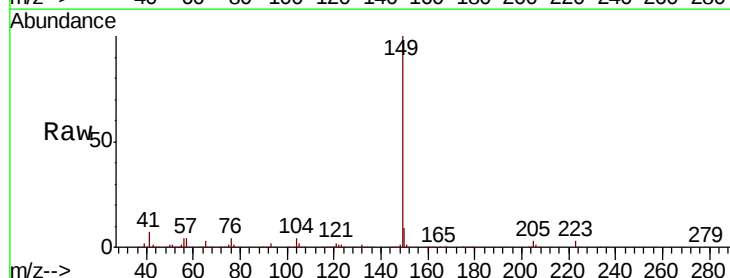
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.2  | 17.4  | 26.0  |
| 139 | 12.9  | 10.4  | 15.6  |

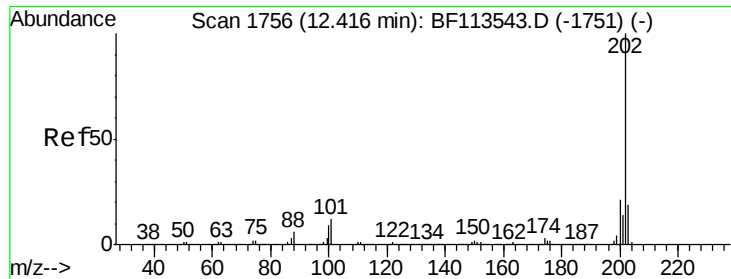


#74  
 Di-n-butylphthalate  
 Concen: 40.523 ng  
 RT: 11.76 min Scan# 1645  
 Delta R.T. -0.01 min  
 Lab File: BF113612.D  
 Acq: 5 Apr 2019 9:44

Tgt Ion:149 Resp: 1173522  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.5   | 7.7   | 11.5  |
| 104 | 4.2   | 3.7   | 5.5   |





#75

Fluoranthene

Concen: 41.312 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

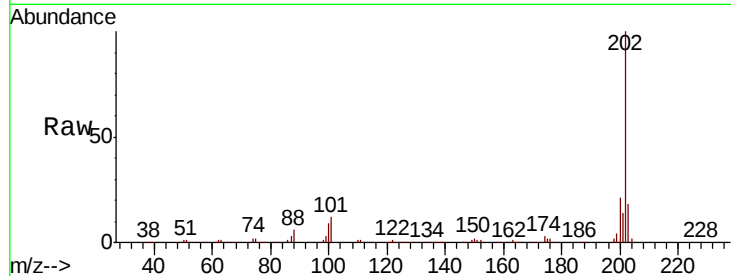
Tot Ion:202 Resp: 1132529

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.4

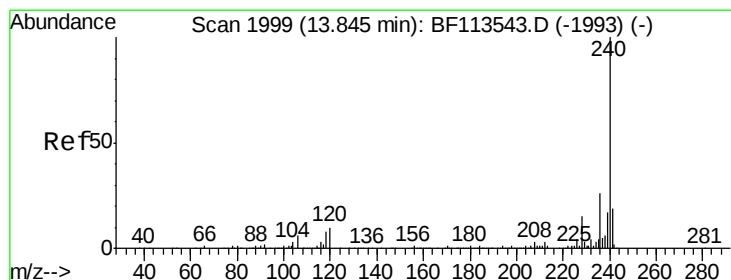
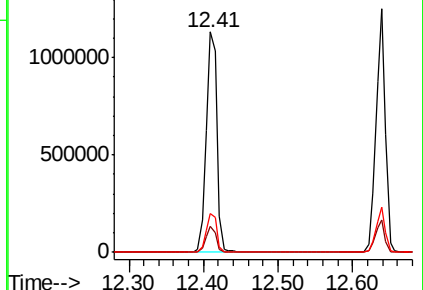
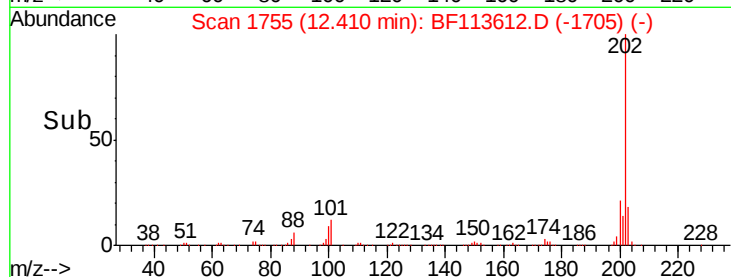
203 17.9 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

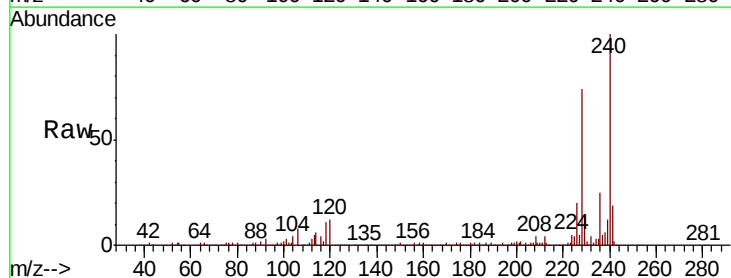
Tgt Ion:240 Resp: 367435

Ion Ratio Lower Upper

240 100

120 12.1 8.8 13.2

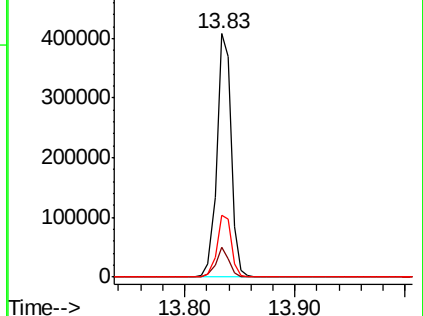
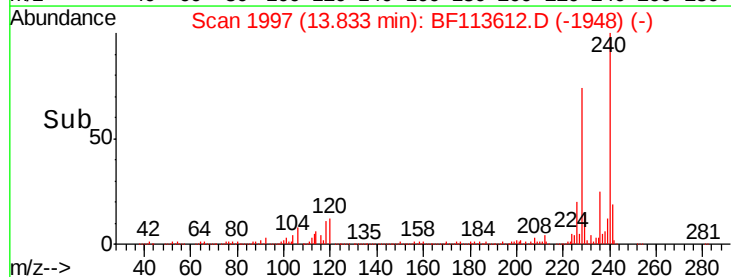
236 25.4 20.9 31.3

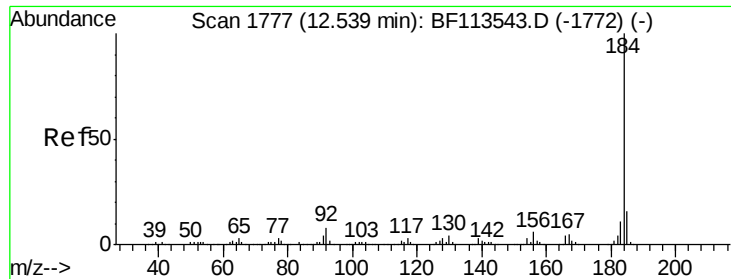


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.144 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

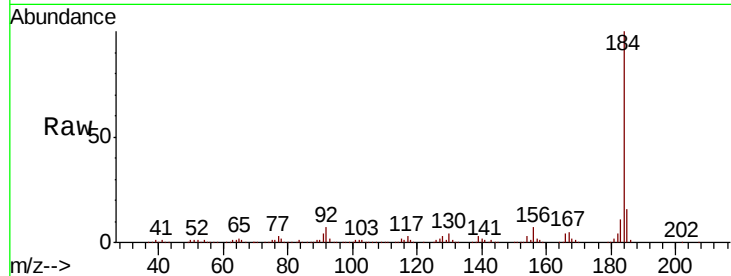
Tot Ion:184 Resp: 562178

Ion Ratio Lower Upper

184 100

185 16.1 13.0 19.6

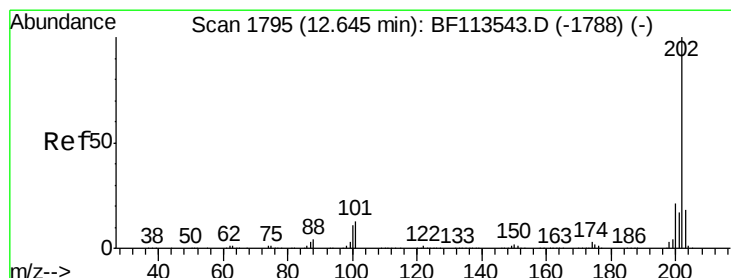
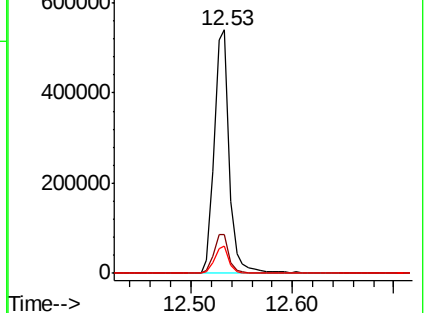
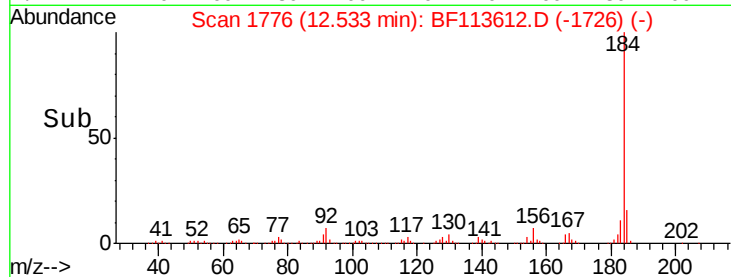
183 11.0 9.0 13.4



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: 40.004 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

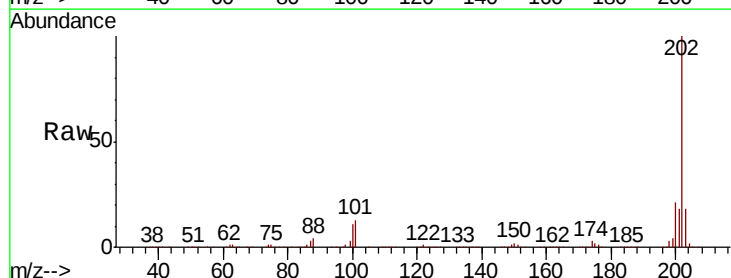
Tgt Ion:202 Resp: 1118407

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

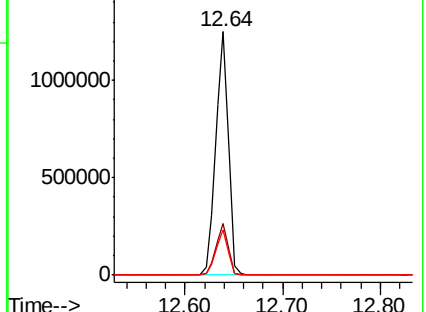
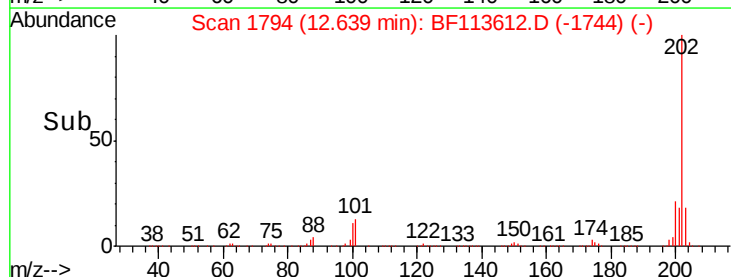
203 18.4 14.4 21.6

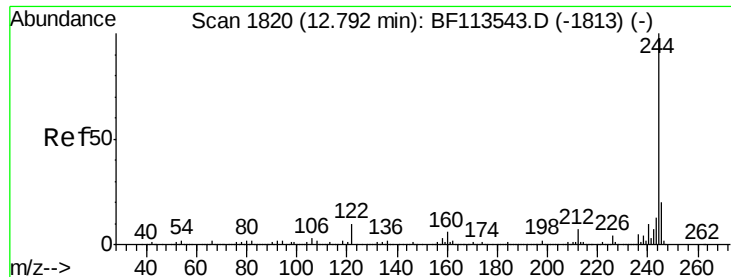


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.985 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

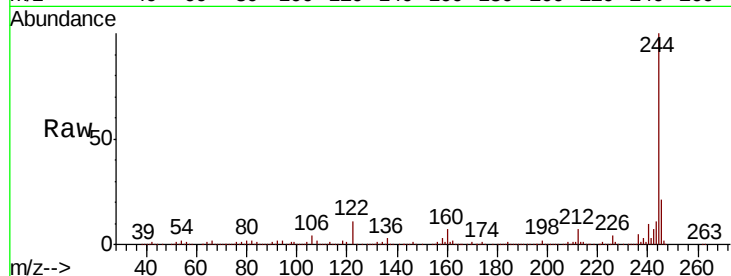
Tot Ion:244 Resp: 1461521

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

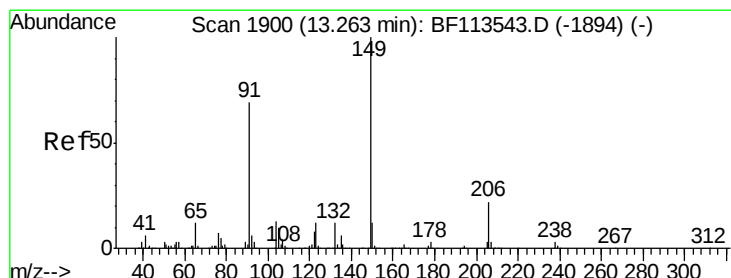
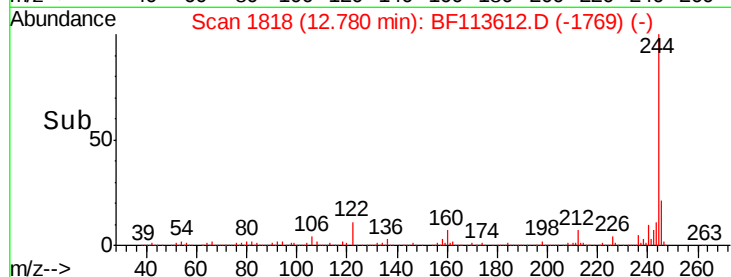
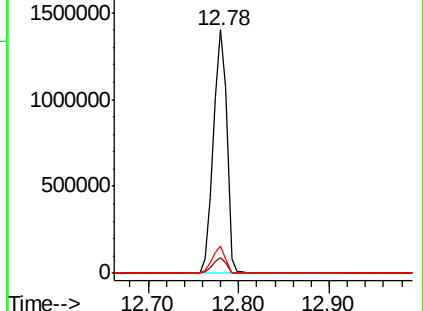
122 11.3 8.6 13.0



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: 41.037 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

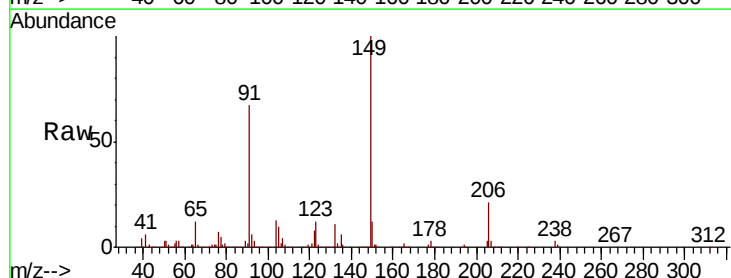
Tgt Ion:149 Resp: 467023

Ion Ratio Lower Upper

149 100

91 67.3 55.2 82.8

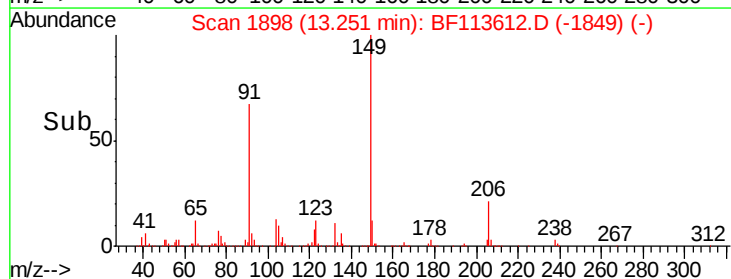
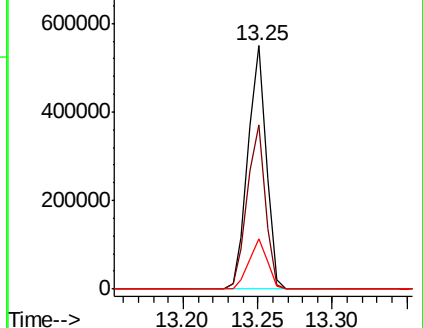
206 20.8 16.1 24.1

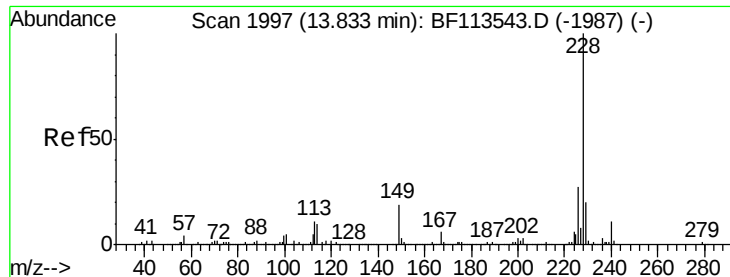


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.203 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

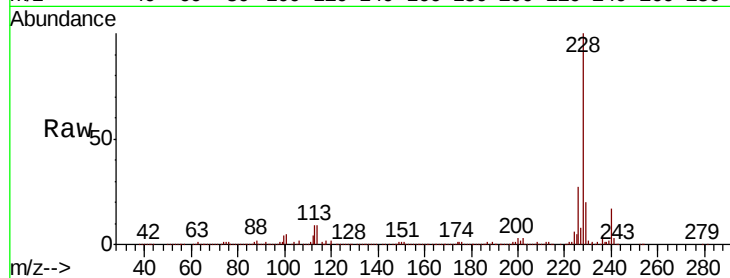
Tot Ion:228 Resp: 873319

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

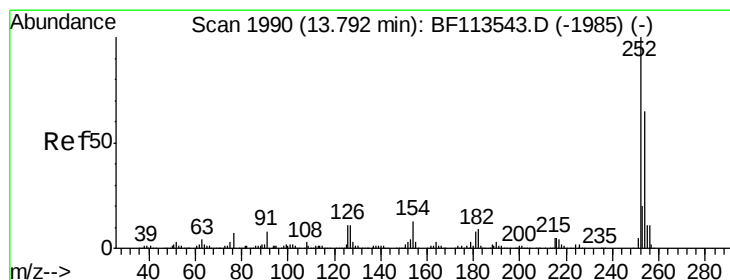
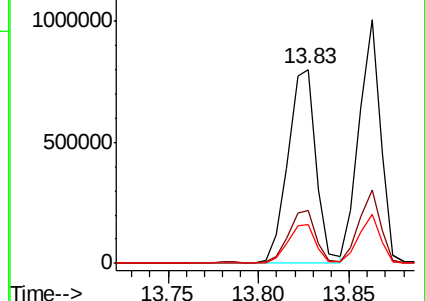
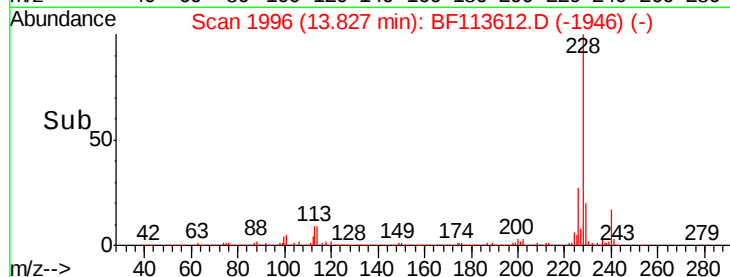
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.636 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

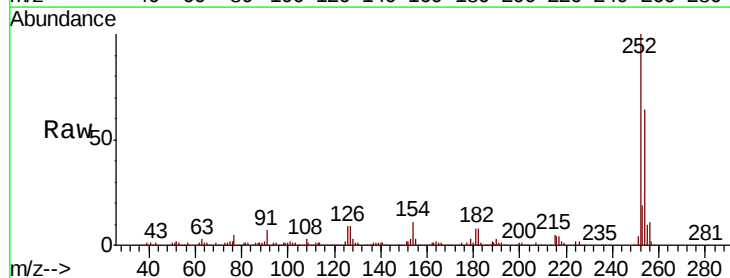
Tgt Ion:252 Resp: 339908

Ion Ratio Lower Upper

252 100

254 64.3 52.2 78.2

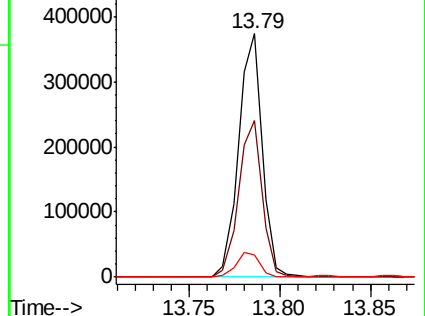
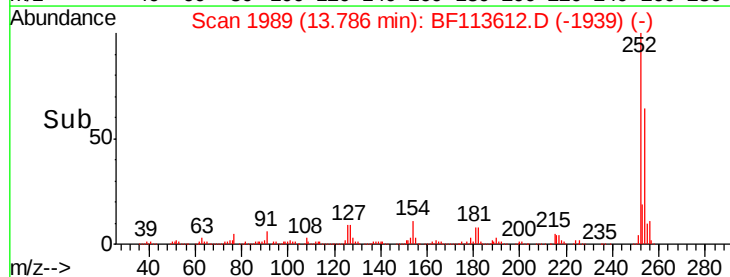
126 9.2 8.5 12.7

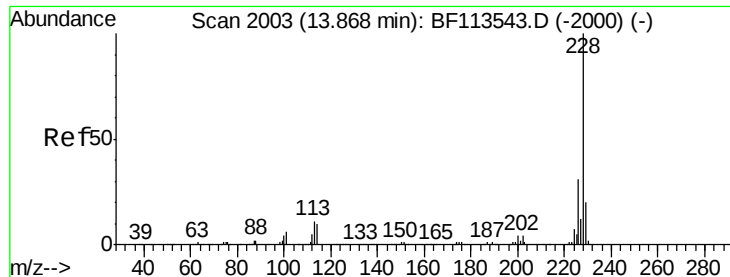


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.002 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

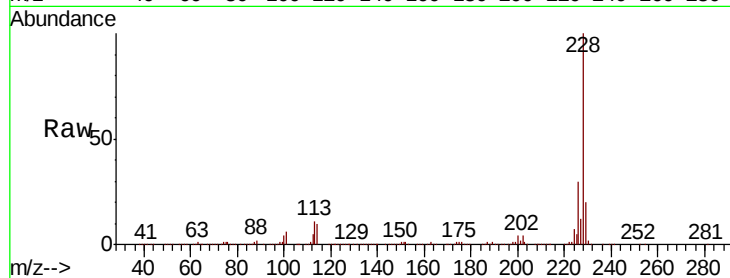
Tot Ion:228 Resp: 838007

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

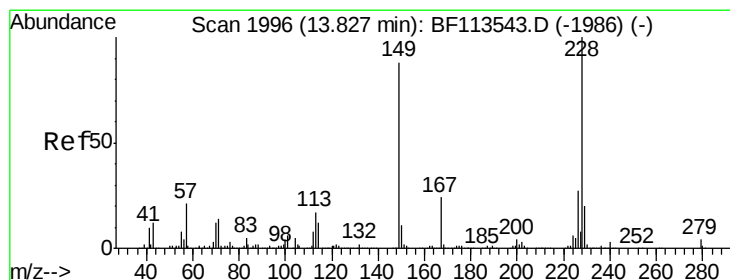
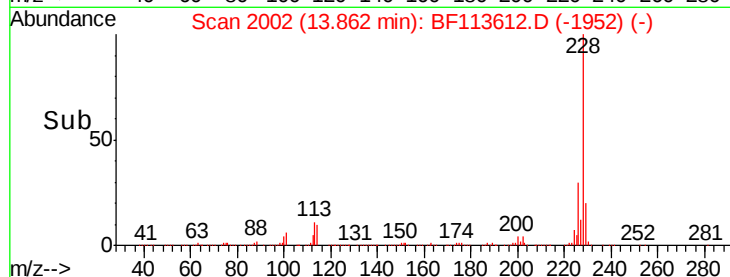
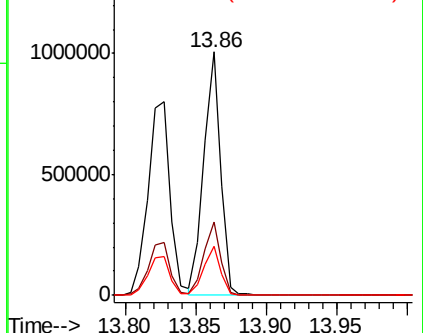
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.107 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

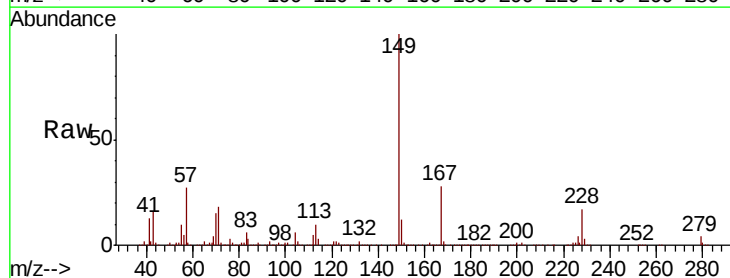
Tgt Ion:149 Resp: 579381

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

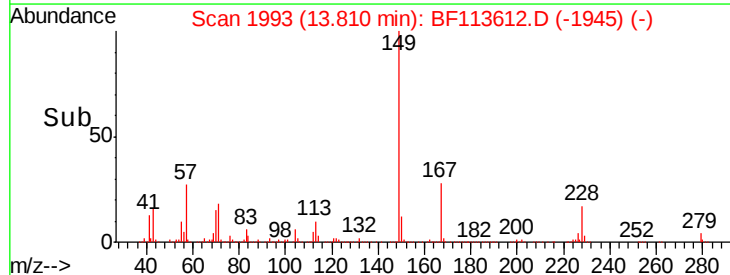
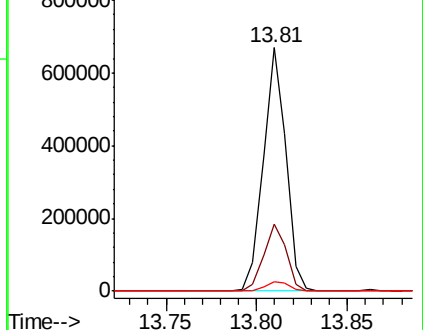
279 4.1 2.9 4.3

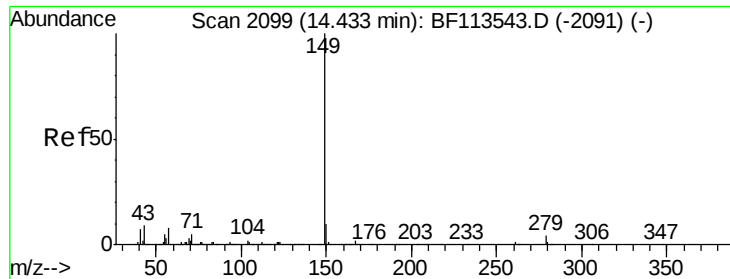


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

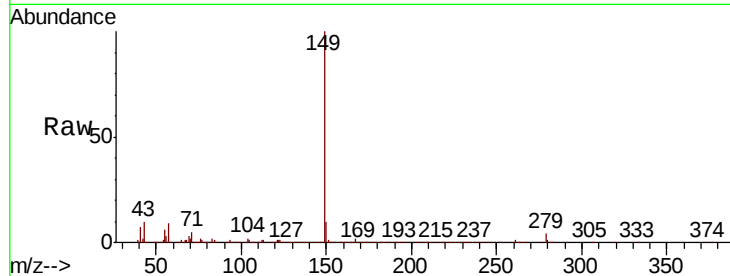




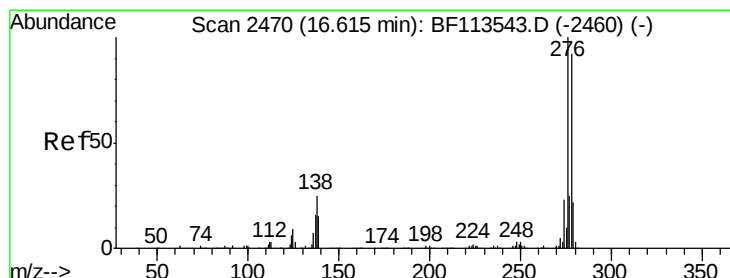
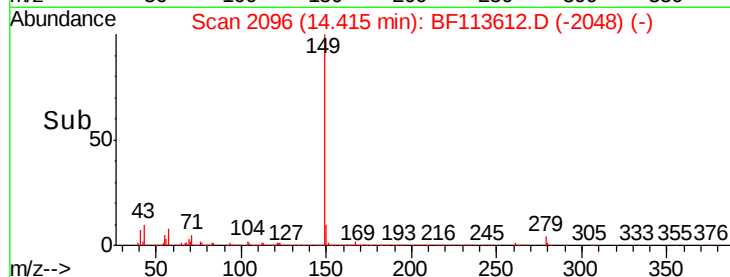
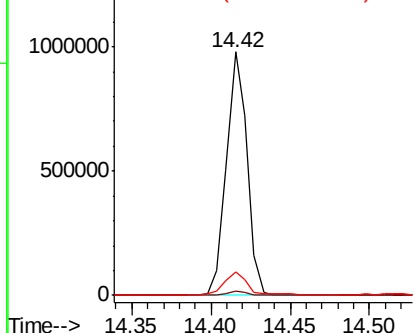
#85  
Di-n-octyl phthalate  
Concen: 39.216 ng  
RT: 14.42 min Scan# 2096  
Delta R.T. -0.02 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 877102  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.3 7.7 11.5

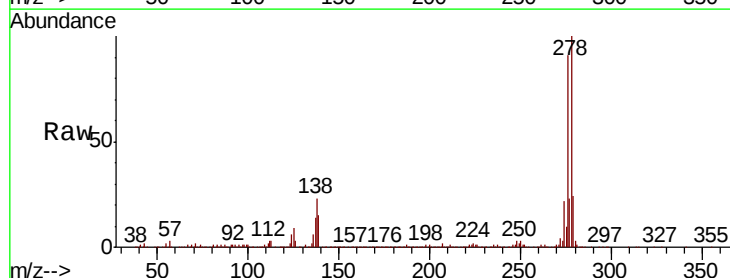


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

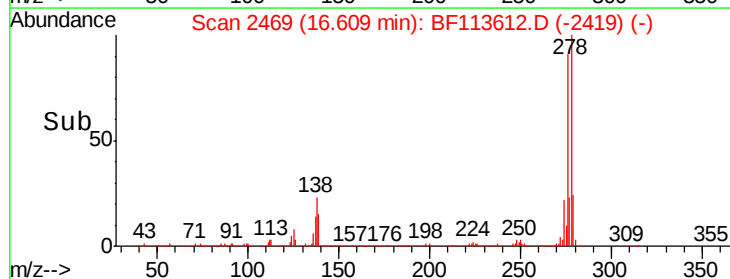
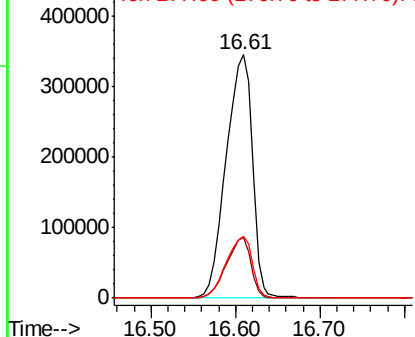


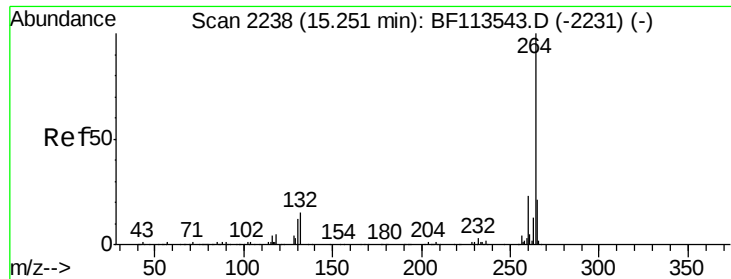
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 37.409 ng  
RT: 16.61 min Scan# 2469  
Delta R.T. -0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Tgt Ion:276 Resp: 742119  
Ion Ratio Lower Upper  
276 100  
138 23.4 18.1 27.1  
277 24.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

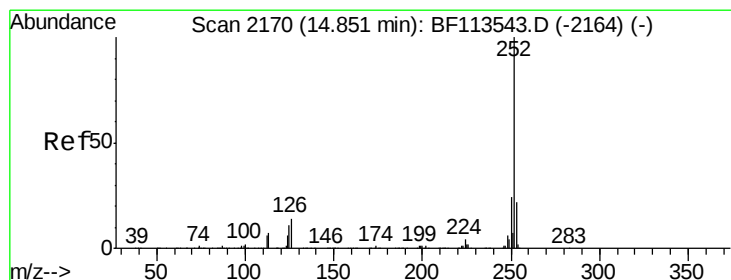
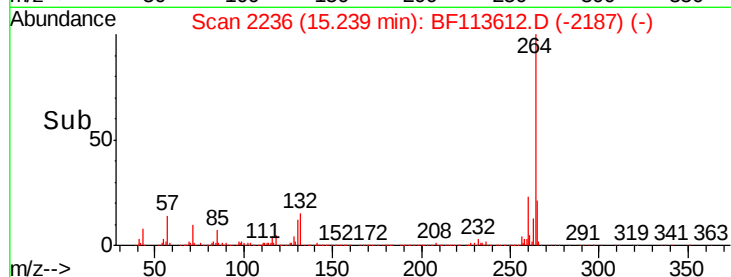
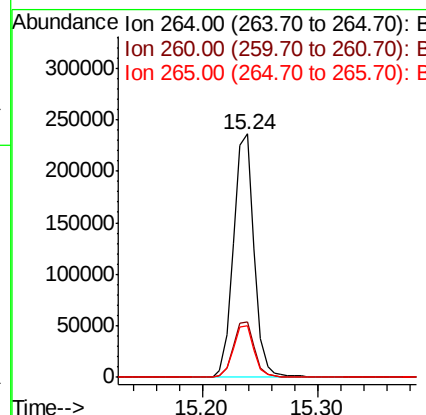
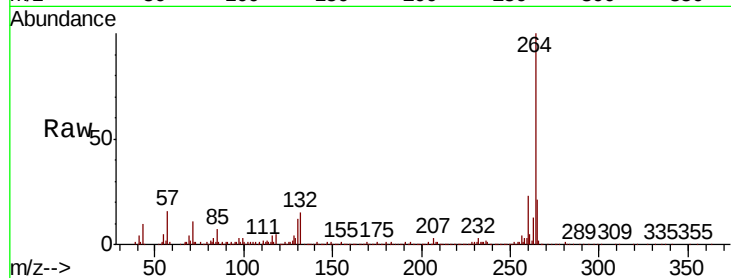




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.24 min Scan# 2236  
Delta R.T. -0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

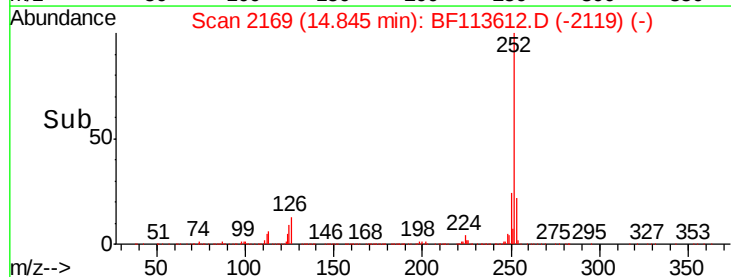
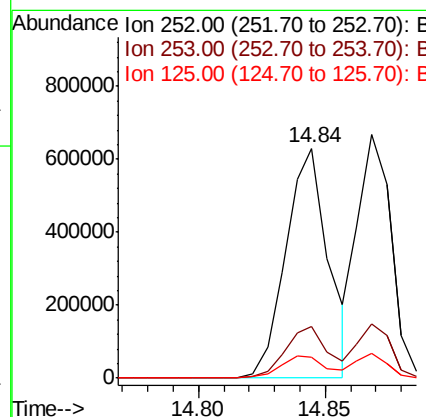
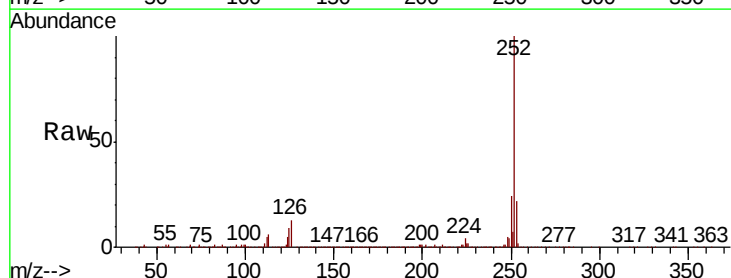
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

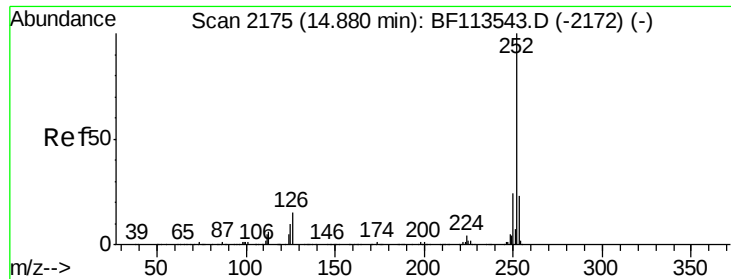
Tot Ion:264 Resp: 292506  
Ion Ratio Lower Upper  
264 100  
260 22.9 19.1 28.7  
265 21.1 17.1 25.7



#88  
Benzo(b)fluoranthene  
Concen: 41.292 ng  
RT: 14.84 min Scan# 2169  
Delta R.T. -0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

Tgt Ion:252 Resp: 739330  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.0 27.0  
125 9.3 7.6 11.4

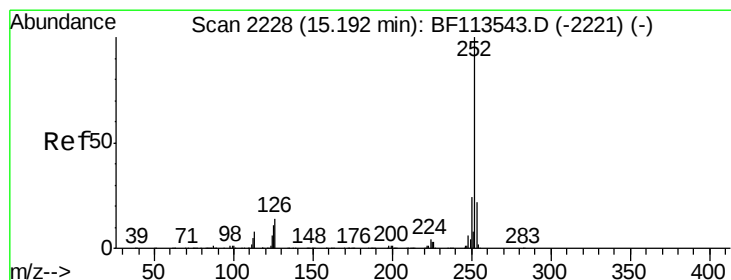
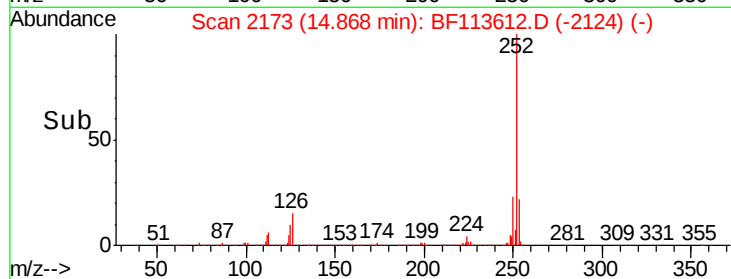
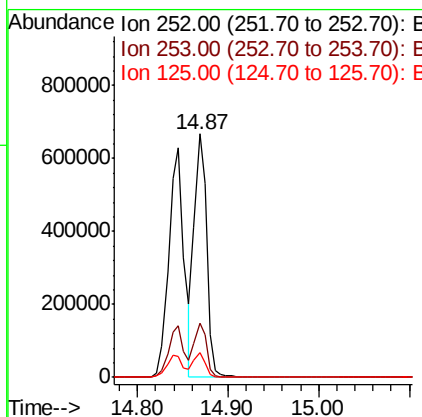
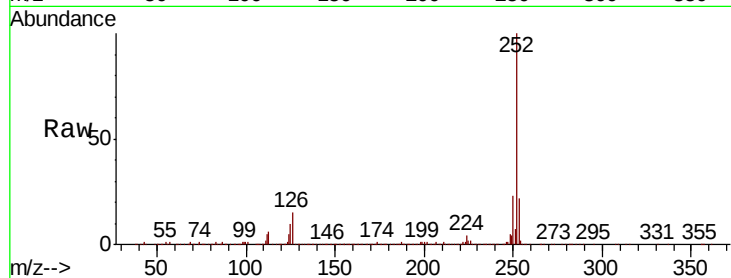




#89  
Benzo(k)fluoranthene  
Concen: 38.916 ng  
RT: 14.87 min Scan# 2173  
Delta R.T. -0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

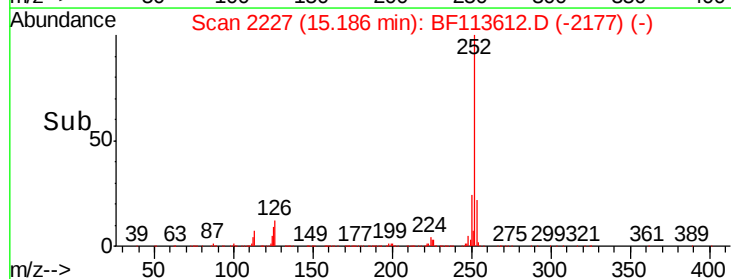
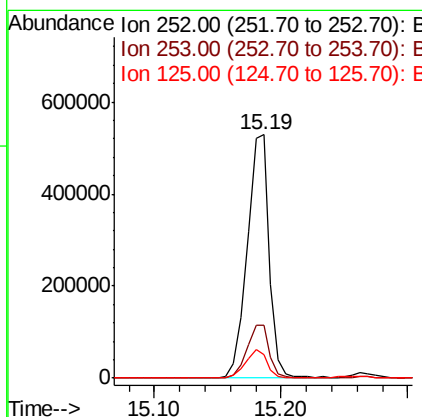
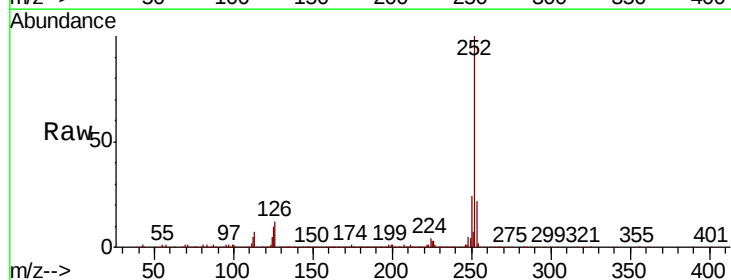
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

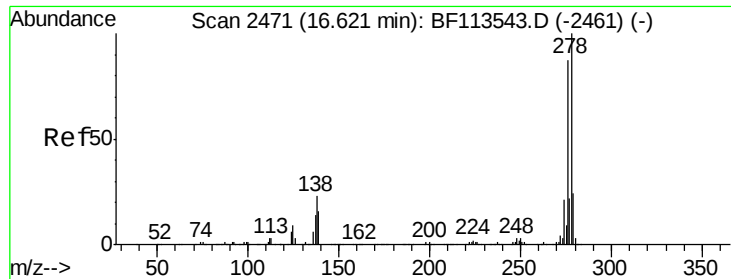
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.7  | 26.5  |
| 125     | 10.3  | 7.3   | 10.9  |



#90  
Benzo(a)pyrene  
Concen: 40.077 ng  
RT: 15.19 min Scan# 2227  
Delta R.T. -0.01 min  
Lab File: BF113612.D  
Acq: 5 Apr 2019 9:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.9  | 26.9  |
| 125     | 9.5   | 8.8   | 13.2  |





#91

Dibenzo(a,h)anthracene

Concen: 41.221 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

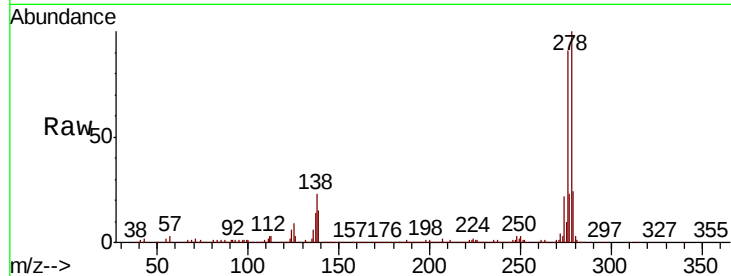
Tot Ion:278 Resp: 613307

Ion Ratio Lower Upper

278 100

139 15.0 12.0 18.0

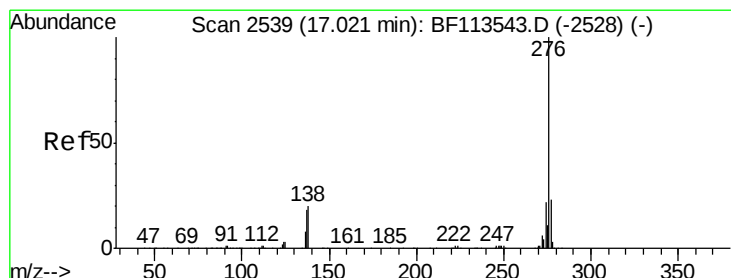
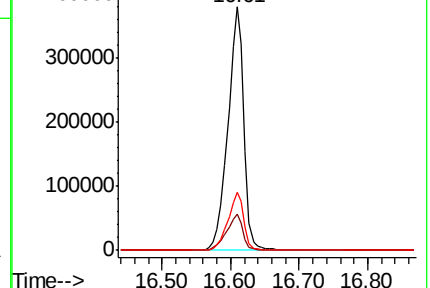
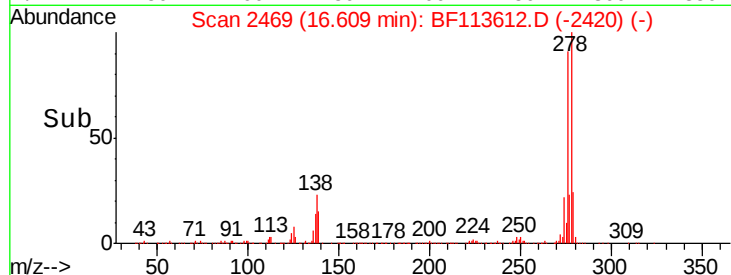
279 23.8 19.0 28.6



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: 41.343 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF113612.D

Acq: 5 Apr 2019 9:44

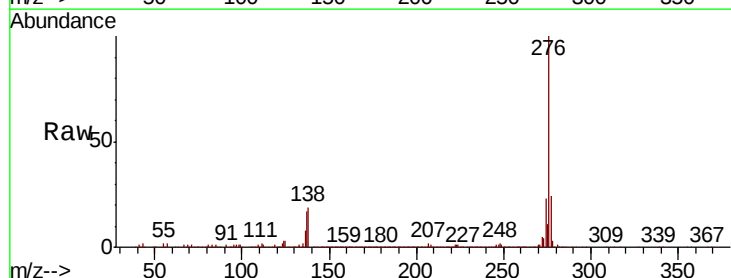
Tgt Ion:276 Resp: 627855

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 19.3 15.6 23.4



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

