

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\  
 Data File : BF113624.D  
 Acq On : 5 Apr 2019 19:31  
 Operator : JU/SJ  
 Sample : K2193-02MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 05 23:24:25 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 | 6.68  | 152  | 117712   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.96  | 136  | 446376   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.72  | 164  | 224891   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.19 | 188  | 458684   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 13.83 | 240  | 324212   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 15.23 | 264  | 299807   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.32  | 112 | 737541  | 106.84 | ng | 0.02  |
| 7) Phenol-d6             | 6.35  | 99  | 902479  | 106.07 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.25  | 82  | 610077  | 80.06  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.51 | 330 | 326405  | 120.82 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.04  | 172 | 1176556 | 84.22  | ng | -0.01 |
| 79) Terphenyl-d14        | 12.77 | 244 | 1362558 | 85.57  | ng | -0.02 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.47 | 88  | 106581 | 32.599 | ng | # 82   |
| 3) Pyridine                    | 3.17 | 79  | 241263 | 28.198 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.06 | 42  | 128690 | 35.400 | ng | 92     |
| 6) Aniline                     | 6.36 | 93  | 43860  | 4.253  | ng | # 1    |
| 8) 2-Chlorophenol              | 6.48 | 128 | 291241 | 36.466 | ng | 94     |
| 9) Benzaldehyde                | 6.23 | 77  | 157418 | 31.117 | ng | 99     |
| 10) Phenol                     | 6.36 | 94  | 308960 | 31.796 | ng | # 70   |
| 11) bis(2-Chloroethyl)ether    | 6.42 | 93  | 287618 | 38.051 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.63 | 146 | 290812 | 33.812 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.70 | 146 | 300411 | 34.563 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.86 | 146 | 278875 | 35.547 | ng | 96     |
| 15) Benzyl Alcohol             | 6.84 | 79  | 239950 | 41.711 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.96 | 45  | 426093 | 36.216 | ng | 55     |
| 17) 2-Methylphenol             | 6.96 | 107 | 228760 | 36.960 | ng | 93     |
| 18) Hexachloroethane           | 7.19 | 117 | 105508 | 33.350 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.10 | 70  | 206153 | 39.294 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 311117 | 41.485 | ng | 91     |
| 22) Acetophenone               | 7.10 | 105 | 406479 | 41.461 | ng | # 96   |
| 24) Nitrobenzene               | 7.27 | 77  | 300809 | 38.330 | ng | 97     |
| 25) Isophorone                 | 7.51 | 82  | 570029 | 38.830 | ng | 98     |
| 26) 2-Nitrophenol              | 7.59 | 139 | 162422 | 38.454 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.63 | 122 | 265707 | 44.003 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.72 | 93  | 360125 | 38.802 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.84 | 162 | 264749 | 40.979 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.91 | 180 | 267723 | 38.159 | ng | 99     |
| 31) Naphthalene                | 7.99 | 128 | 853304 | 39.454 | ng | 99     |
| 32) Benzoic acid               | 7.77 | 122 | 63154  | 13.507 | ng | 96     |
| 33) 4-Chloroaniline            | 8.06 | 127 | 25539  | 2.978  | ng | 97     |
| 34) Hexachlorobutadiene        | 8.10 | 225 | 156813 | 36.660 | ng | 99     |
| 35) Caprolactam                | 8.42 | 113 | 34667  | 16.904 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 262250 | 40.436 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.68 | 142 | 586054 | 41.200 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.77 | 142 | 550634 | 40.145 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.85 | 216 | 276624 | 38.033 | ng | 100    |

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 Sample : K2193-02MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

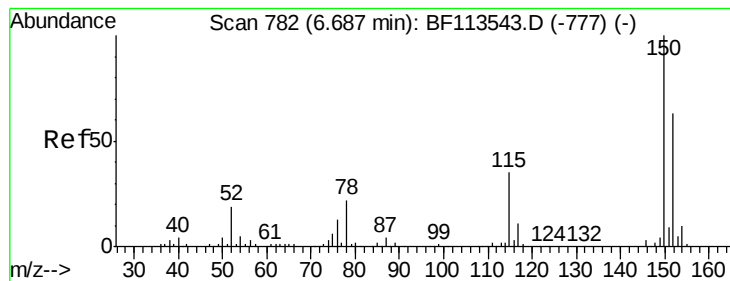
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 05 23:24:25 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  | 158484   | 65.255 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 8.97  | 196  | 191629   | 41.740 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.02  | 196  | 200831   | 40.746 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.14  | 154  | 729060   | 39.286 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.16  | 162  | 552367   | 39.312 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.27  | 65   | 172966   | 40.230 | ng    | 98       |
| 49) Acenaphthylene             | 9.57  | 152  | 895376   | 39.188 | ng    | 100      |
| 50) Dimethylphthalate          | 9.44  | 163  | 671234   | 40.491 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.51  | 165  | 148535   | 40.648 | ng    | 97       |
| 52) Acenaphthene               | 9.75  | 154  | 528868   | 40.437 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.68  | 138  | 25637    | 6.171  | ng    | 89       |
| 54) 2,4-Dinitrophenol          | 9.80  | 184  | 51828    | 30.316 | ng    | 90       |
| 55) Dibenzofuran               | 9.92  | 168  | 779589   | 40.635 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.87  | 139  | 157158   | 60.981 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 9.92  | 165  | 184051   | 41.646 | ng    | # 91     |
| 58) Fluorene                   | 10.26 | 166  | 623335   | 41.079 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.05 | 232  | 177203   | 41.535 | ng    | 97       |
| 60) Diethylphthalate           | 10.14 | 149  | 677034   | 42.360 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.25 | 204  | 317093   | 42.485 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.29 | 138  | 155290   | 36.758 | ng    | 98       |
| 63) Azobenzene                 | 10.42 | 77   | 609306   | 40.262 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.33 | 198  | 52195    | 21.615 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 10.37 | 169  | 571540   | 40.588 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.74 | 248  | 203266   | 39.513 | ng    | 99       |
| 68) Hexachlorobenzene          | 10.82 | 284  | 231280   | 39.237 | ng    | # 93     |
| 69) Atrazine                   | 10.90 | 200  | 178730   | 40.269 | ng    | 97       |
| 70) Pentachlorophenol          | 11.02 | 266  | 165234   | 59.489 | ng    | 99       |
| 71) Phenanthrene               | 11.22 | 178  | 925601   | 40.610 | ng    | 99       |
| 72) Anthracene                 | 11.27 | 178  | 959658   | 41.383 | ng    | 99       |
| 73) Carbazole                  | 11.43 | 167  | 888673   | 40.974 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.76 | 149  | 1082855  | 41.970 | ng    | 100      |
| 75) Fluoranthene               | 12.40 | 202  | 1007431  | 41.248 | ng    | 99       |
| 77) Benzidine                  | 12.53 | 184  | 193398   | 16.041 | ng    | 97       |
| 78) Pyrene                     | 12.63 | 202  | 987201   | 40.018 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.24 | 149  | 438430   | 43.661 | ng    | 97       |
| 81) Benzo(a)anthracene         | 13.82 | 228  | 734668   | 39.282 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.77 | 252  | 43550    | 6.046  | ng    | 97       |
| 83) Chrysene                   | 13.85 | 228  | 752199   | 39.675 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.80 | 149  | 567109   | 46.710 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.41 | 149  | 887255   | 44.958 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.59 | 276  | 837545   | 47.848 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.83 | 252  | 704448   | 38.386 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 14.86 | 252  | 668051   | 40.561 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.17 | 252  | 675080   | 41.397 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.59 | 278  | 707328   | 46.382 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.99 | 276  | 730347   | 46.921 | ng    | 99       |

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



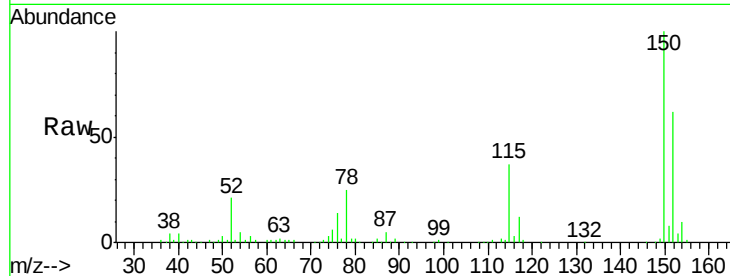


#1

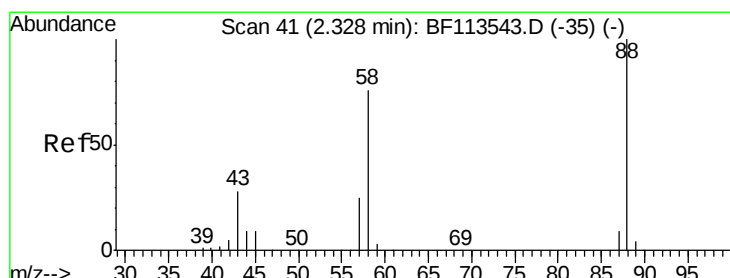
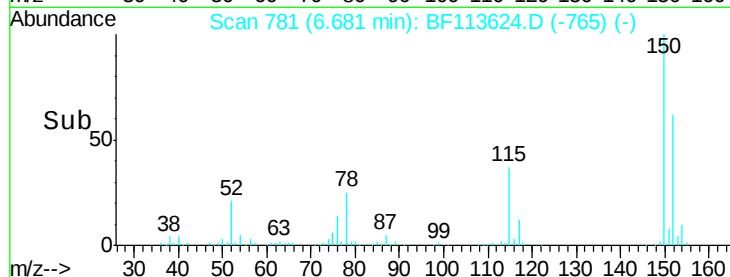
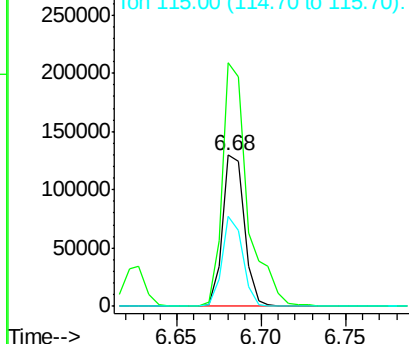
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.68 min Scan# 781  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:152 Resp: 117712  
 Ion Ratio Lower Upper  
 152 100  
 150 160.9 124.7 187.1  
 115 59.5 46.0 69.0



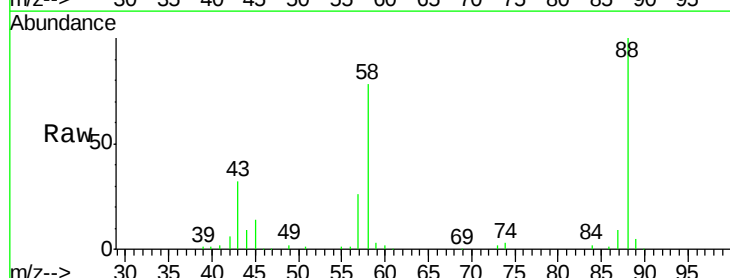
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



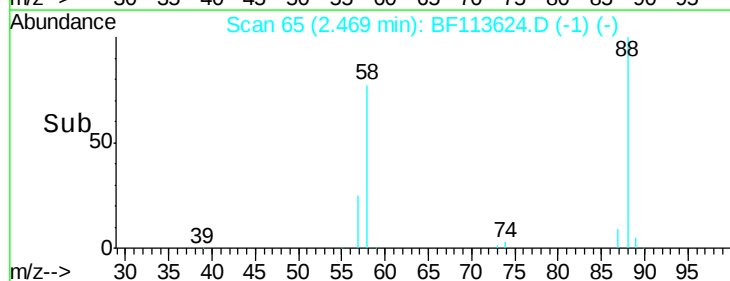
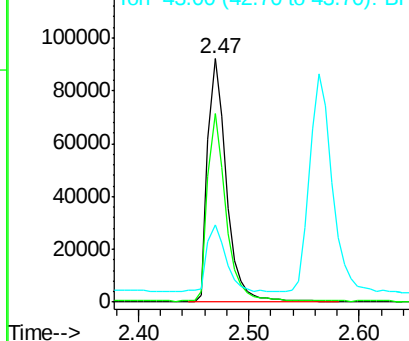
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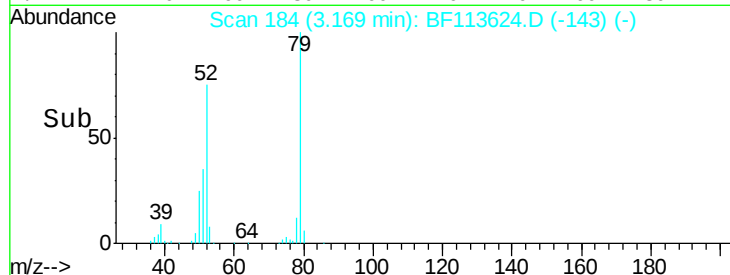
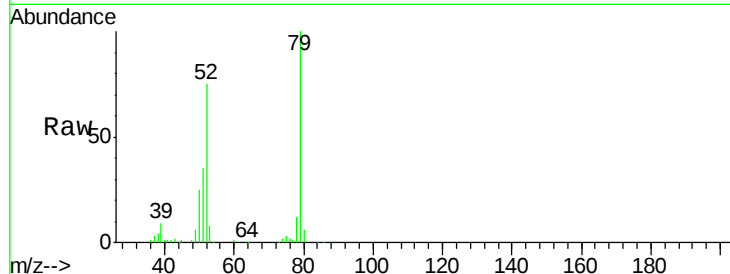
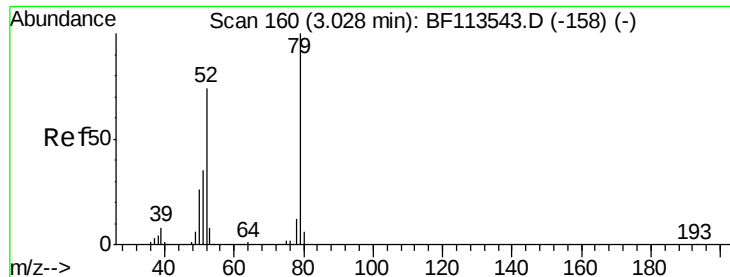
1,4-Dioxane  
 Concen: 32.599 ng  
 RT: 2.47 min Scan# 65  
 Delta R.T. 0.14 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion: 88 Resp: 106581  
 Ion Ratio Lower Upper  
 88 100  
 58 74.9 61.9 92.9  
 43 0.0 24.2 36.4#



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

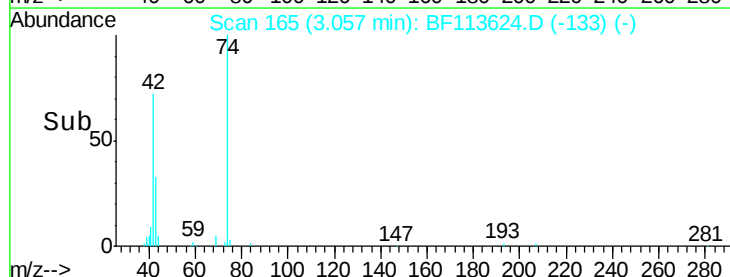
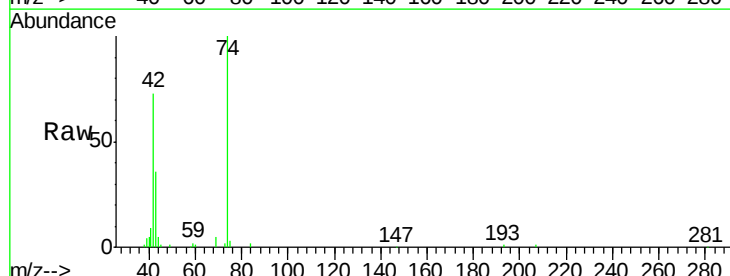
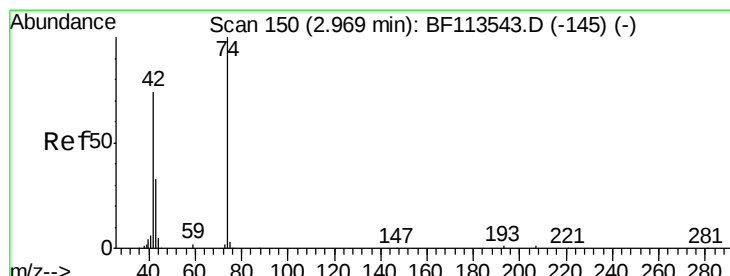
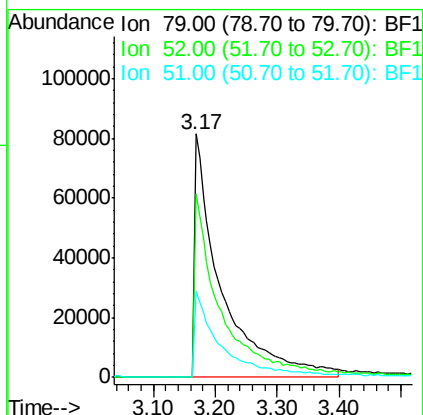




#3  
 Pvridine  
 Concen: 28.198 ng  
 RT: 3.17 min Scan# 184  
 Delta R.T. 0.14 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

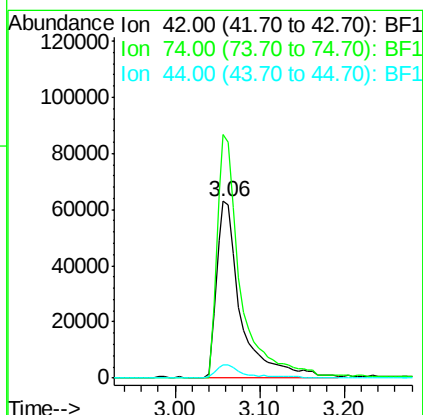
Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 75.1  | 61.0  | 91.4  |
| 51      | 35.3  | 30.6  | 45.8  |



#4  
 n-Nitrosodimethylamine  
 Concen: 35.400 ng  
 RT: 3.06 min Scan# 165  
 Delta R.T. 0.09 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 137.7 | 102.4 | 153.6 |
| 44      | 7.4   | 5.5   | 8.3   |





#5

2-Fluorophenol

Concen: 106.844 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF113624.D

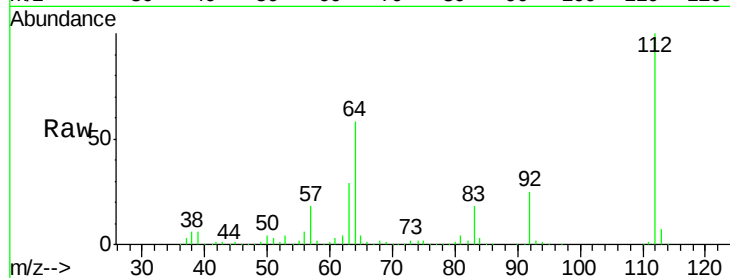
Acq: 5 Apr 2019 19:31

Instrument :

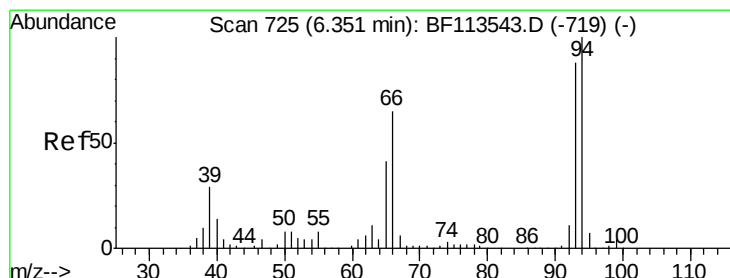
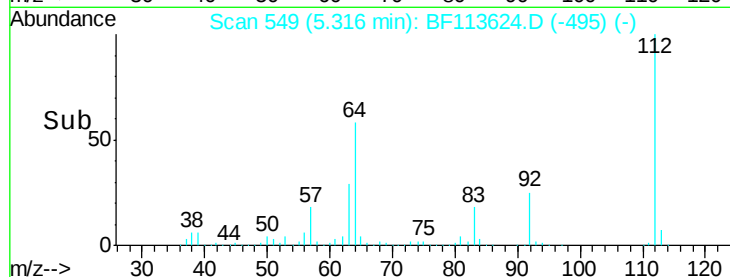
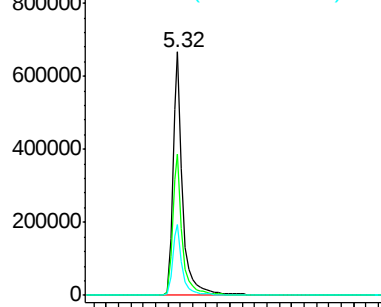
BNA\_F

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 737541 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 57.9  | 49.2  | 73.8   |
| 63       | 29.2  | 24.9  | 37.3   |



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 4.253 ng

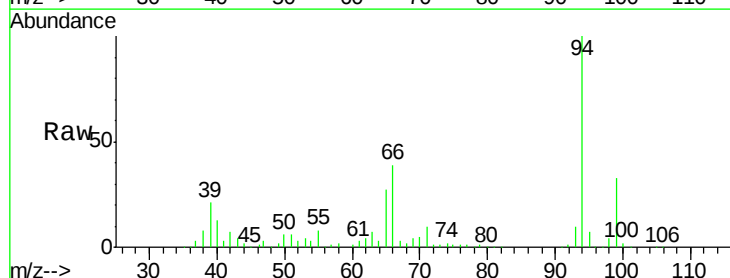
RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

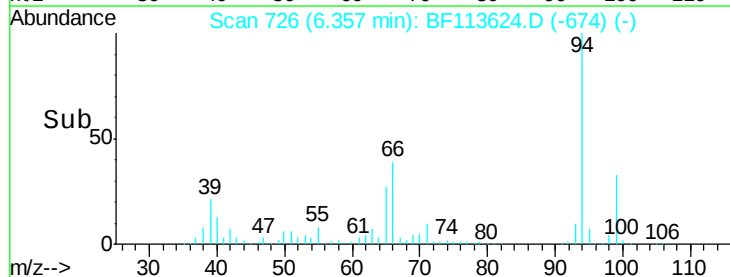
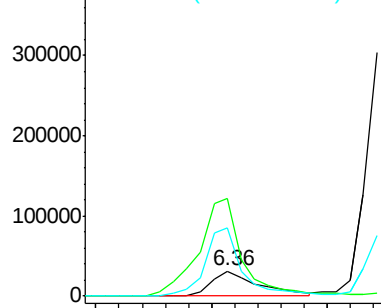
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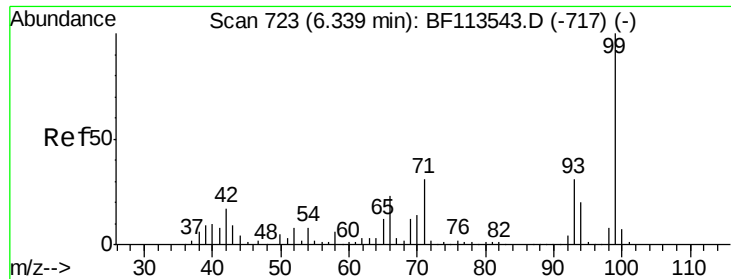
Acq: 5 Apr 2019 19:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 43860 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 66       | 392.4 | 62.1  | 93.1# |
| 65       | 277.0 | 38.7  | 58.1# |



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 106.074 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA\_F

ClientSampled :

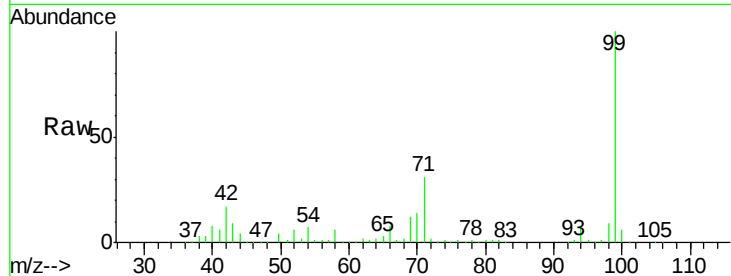
Tot Ion: 99 Resp: 902479

Ion Ratio Lower Upper

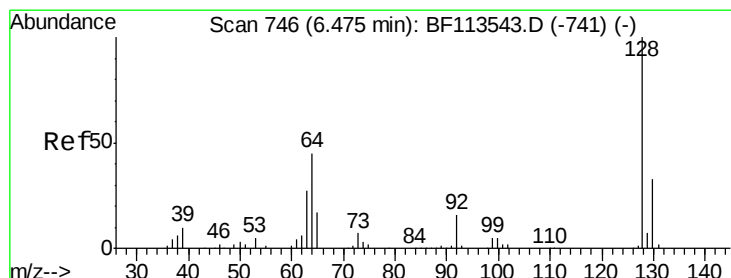
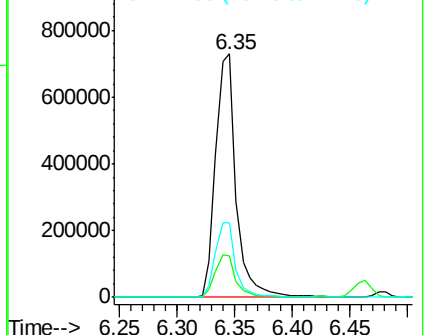
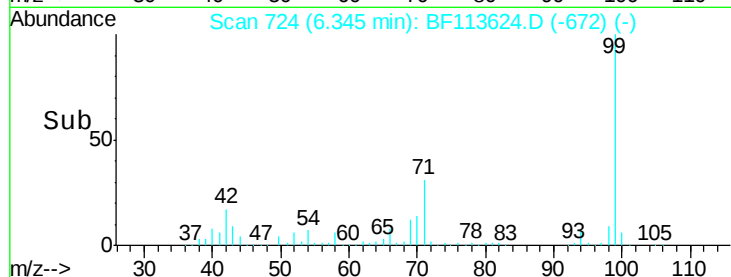
99 100

42 17.1 14.8 22.2

71 30.6 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: 36.466 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

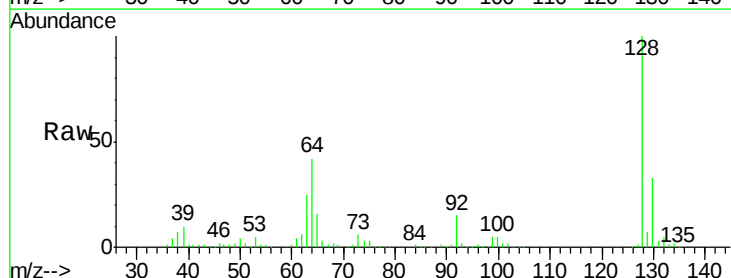
Tgt Ion: 128 Resp: 291241

Ion Ratio Lower Upper

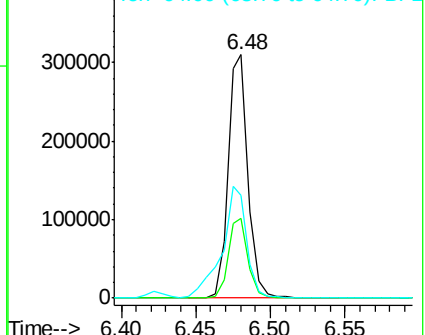
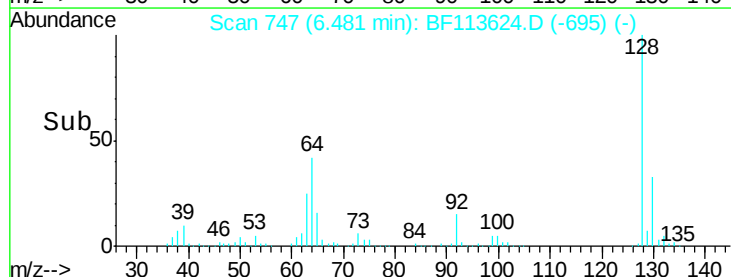
128 100

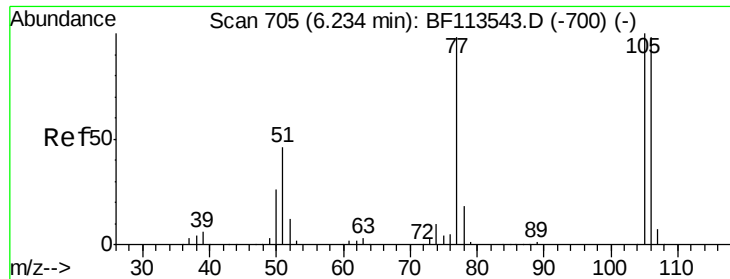
130 32.6 12.6 52.6

64 42.4 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: 31.117 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA\_F

ClientSampled :

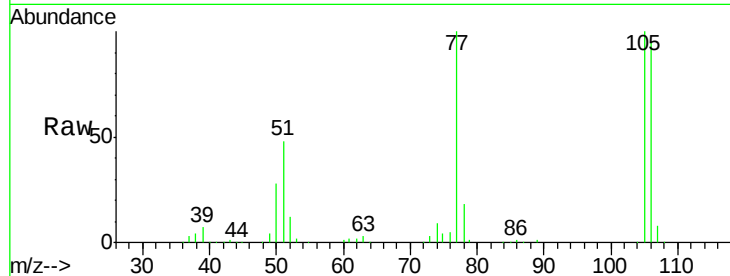
Tot Ion: 77 Resp: 157418

Ion Ratio Lower Upper

77 100

105 100.5 80.9 120.9

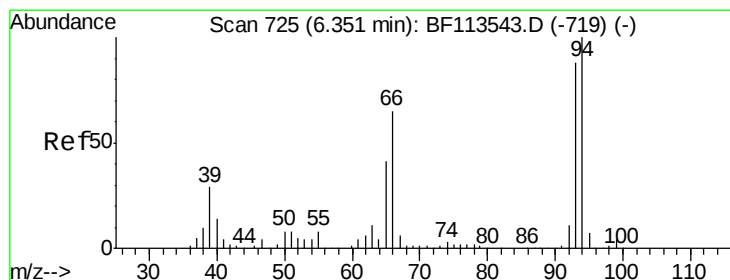
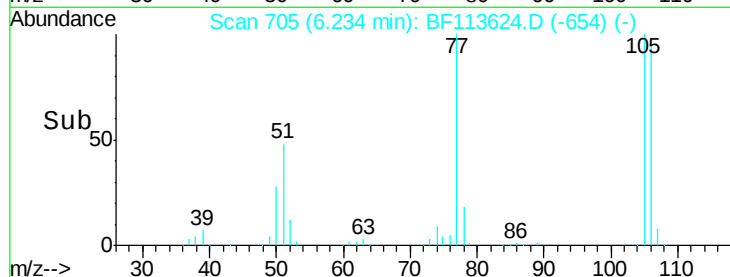
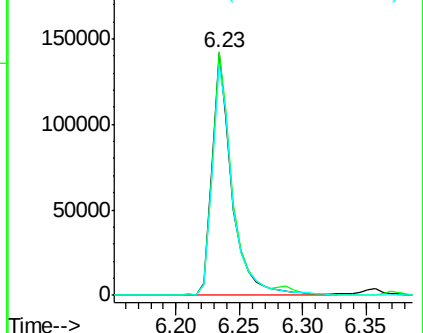
106 95.4 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.796 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

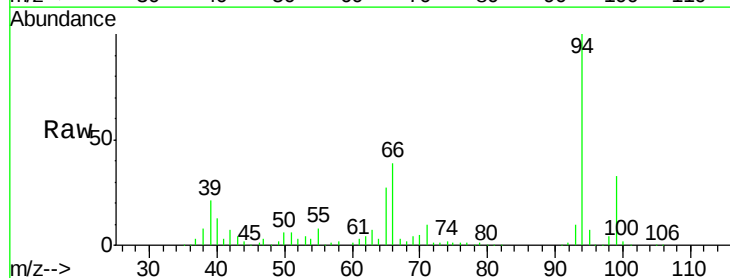
Tgt Ion: 94 Resp: 308960

Ion Ratio Lower Upper

94 100

65 27.4 21.4 61.4

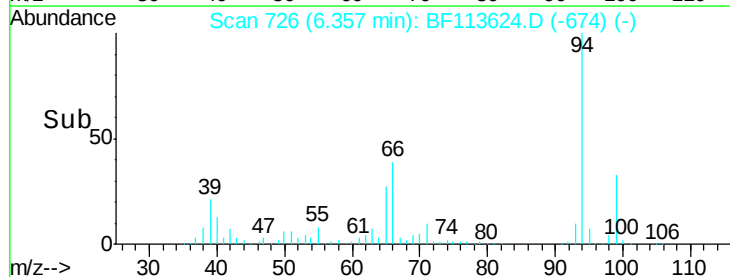
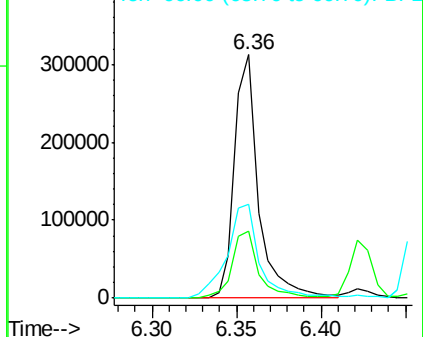
66 38.8 46.4 86.4#

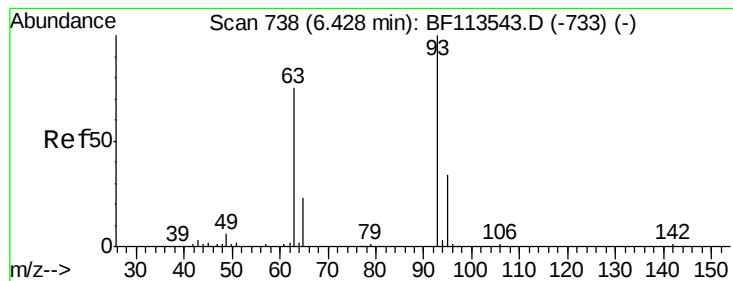


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

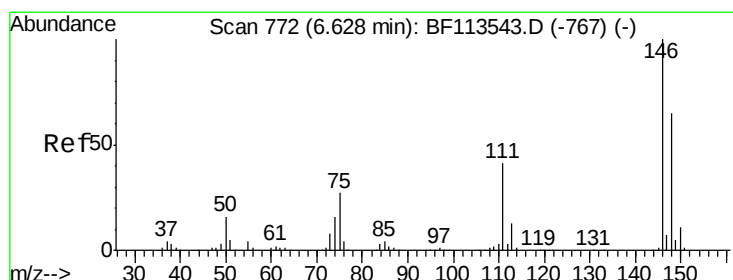
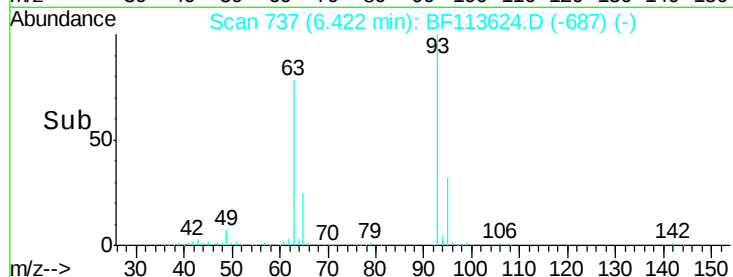
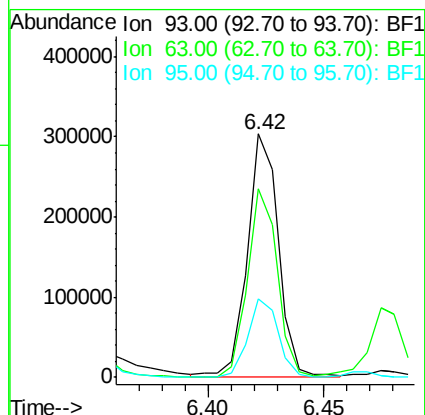
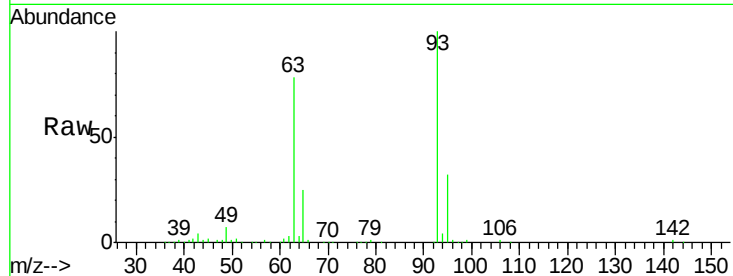




#11  
bis(2-Chloroethyl)ether  
Concen: 38.051 ng  
RT: 6.42 min Scan# 737  
Delta R.T. -0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

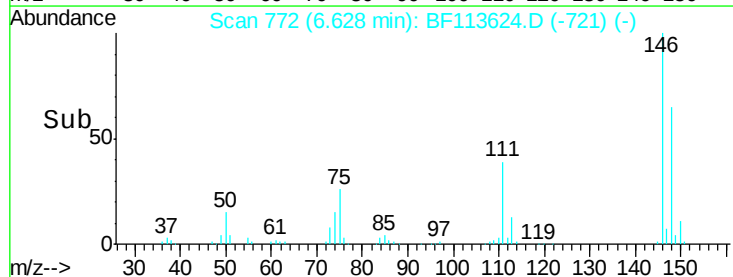
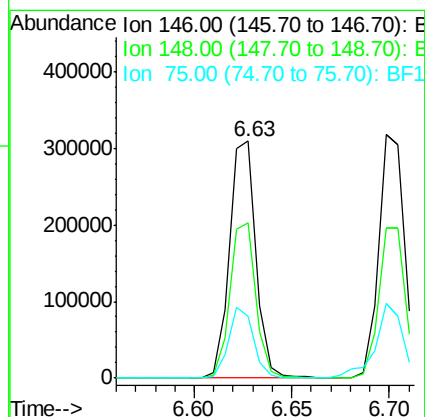
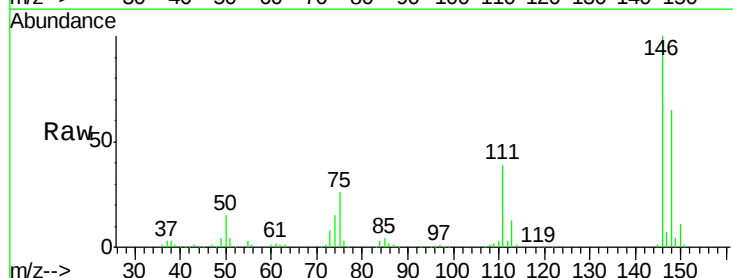
Instrument :  
BNA\_F  
ClientSampleId :

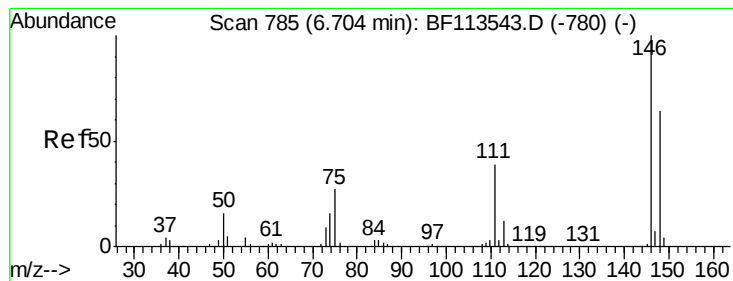
Tot Ion: 93 Resp: 287618  
Ion Ratio Lower Upper  
93 100  
63 77.6 56.1 96.1  
95 32.2 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 33.812 ng  
RT: 6.63 min Scan# 772  
Delta R.T. -0.00 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Tgt Ion: 146 Resp: 290812  
Ion Ratio Lower Upper  
146 100  
148 65.3 51.4 77.0  
75 26.0 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 34.563 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA\_F

ClientSampleId :

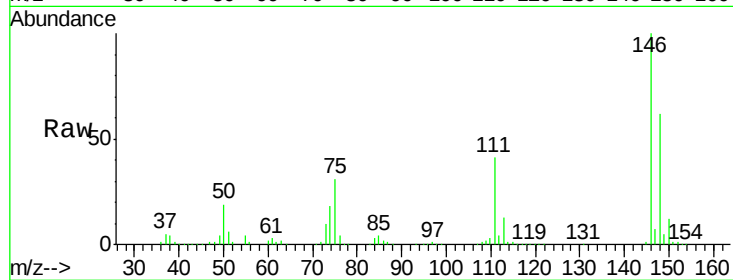
Tot Ion:146 Resp: 300411

Ion Ratio Lower Upper

146 100

148 61.9 51.1 76.7

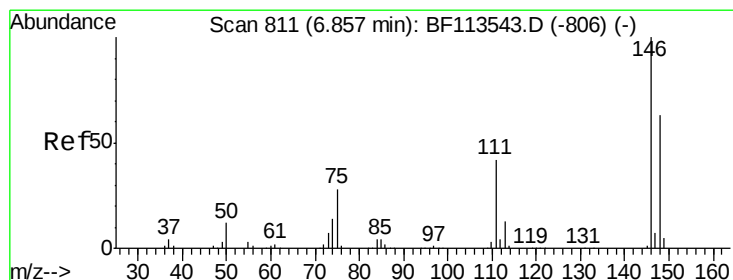
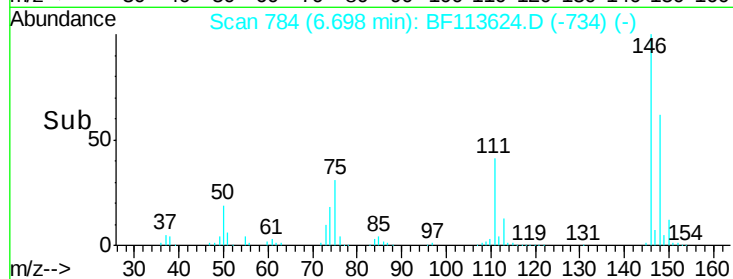
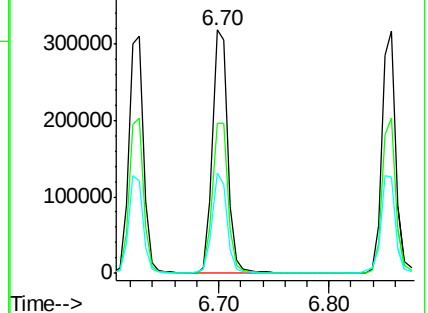
111 41.1 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.547 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

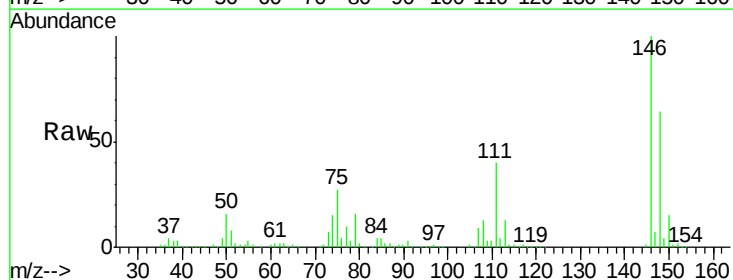
Tgt Ion:146 Resp: 278875

Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.4

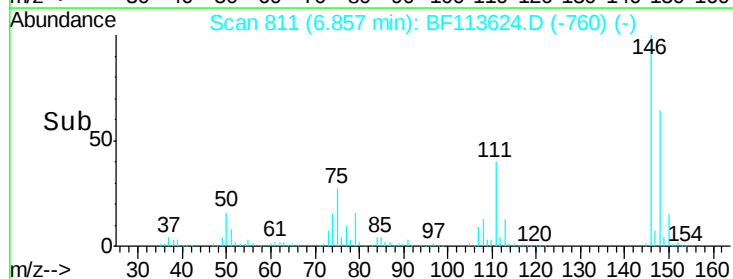
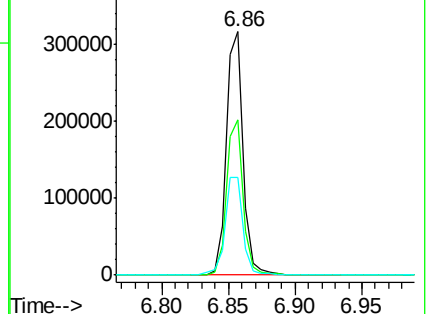
111 40.0 35.4 53.2

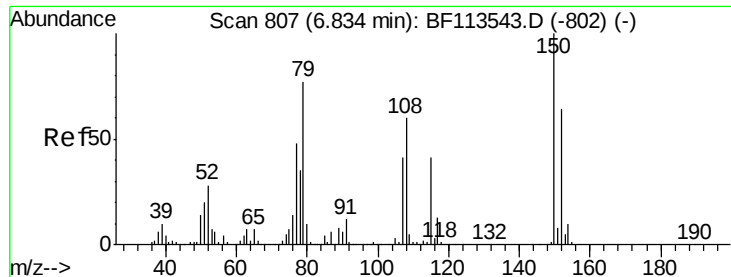


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.711 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA\_F

ClientSampled :

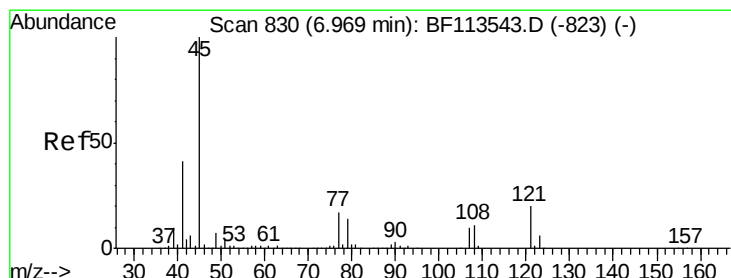
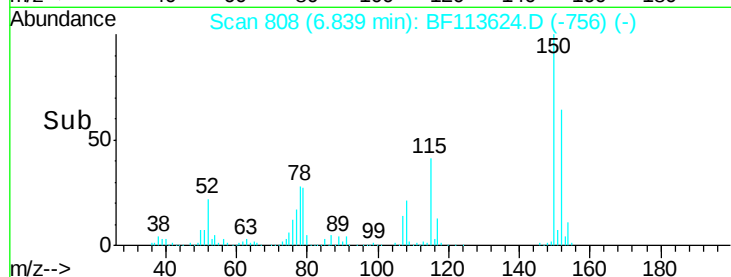
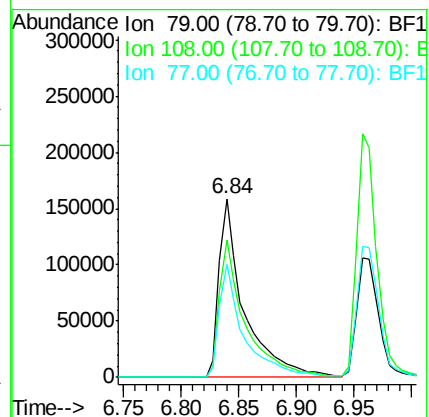
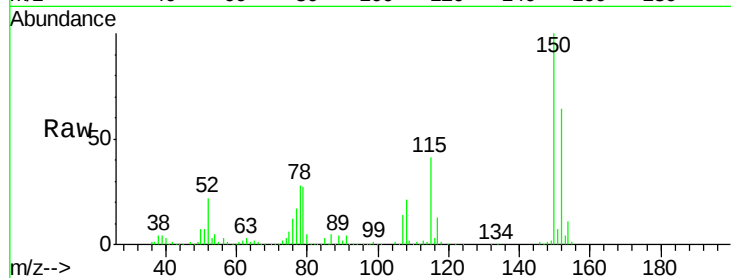
Tot Ion: 79 Resp: 239950

Ion Ratio Lower Upper

79 100

108 77.0 62.0 93.0

77 63.2 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.216 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

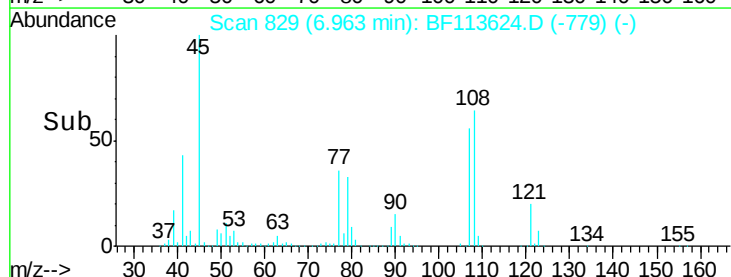
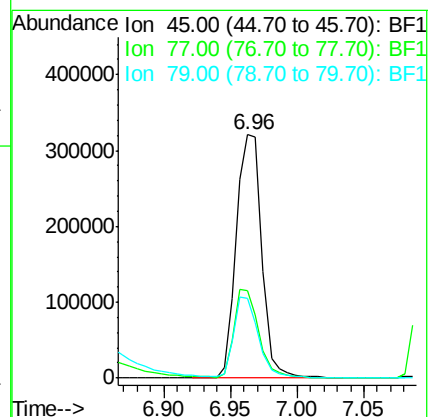
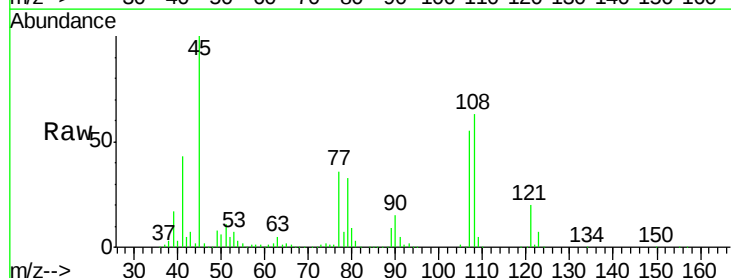
Tgt Ion: 45 Resp: 426093

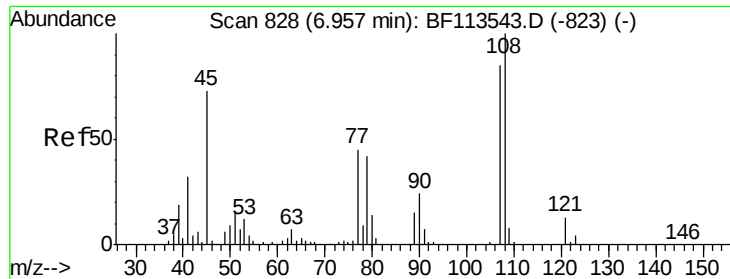
Ion Ratio Lower Upper

45 100

77 36.0 0.0 36.6

79 32.6 0.0 34.0

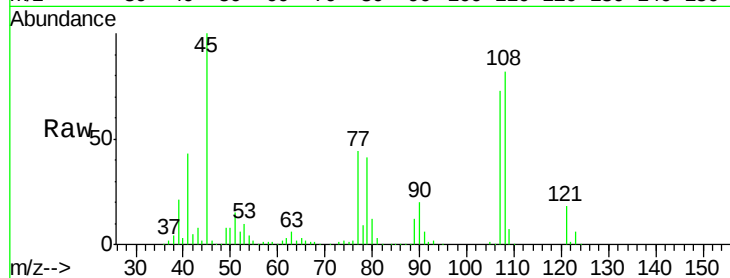




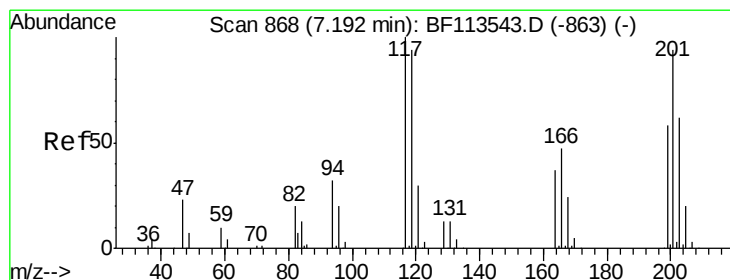
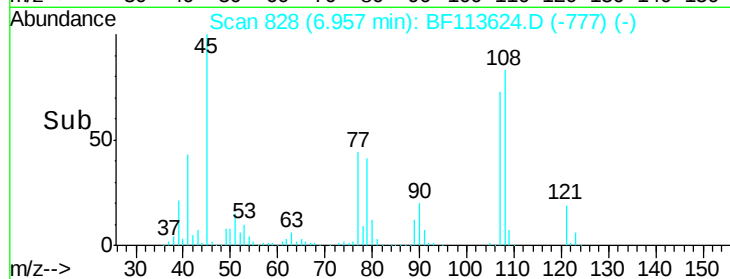
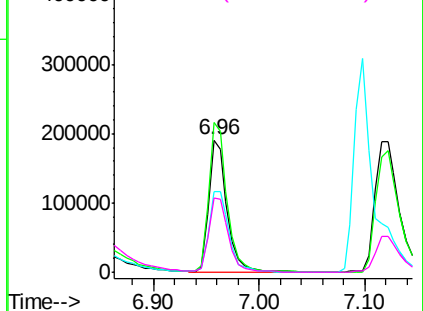
#17  
2-Methylphenol  
Concen: 36.960 ng  
RT: 6.96 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 228760 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.6 | 93.4  | 140.0  |
| 77       | 61.0  | 41.2  | 61.8   |
| 79       | 56.0  | 40.1  | 60.1   |

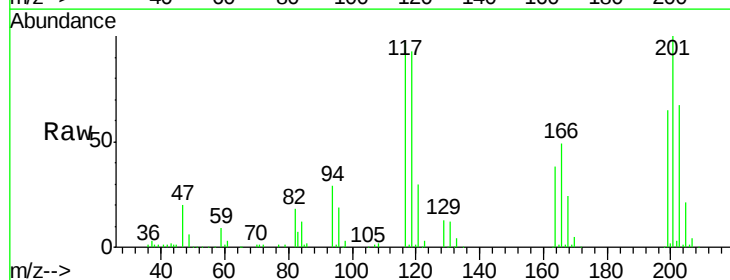


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

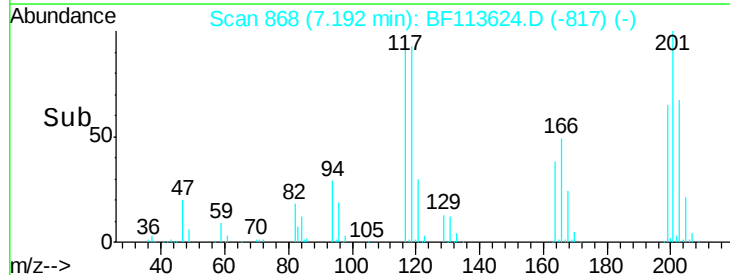
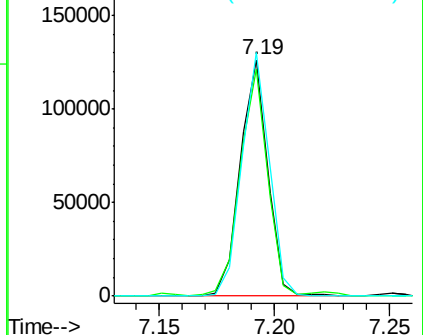


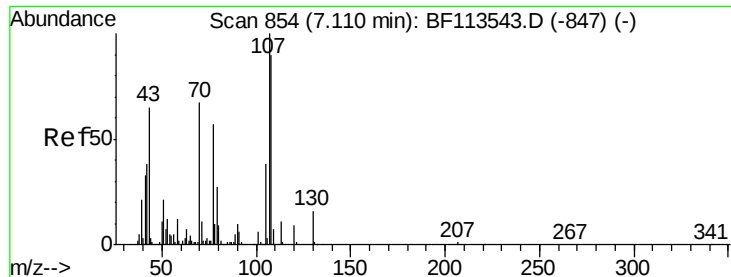
#18  
Hexachloroethane  
Concen: 33.350 ng  
RT: 7.19 min Scan# 868  
Delta R.T. -0.00 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 105508 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.0  | 76.9  | 115.3  |
| 201      | 103.1 | 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

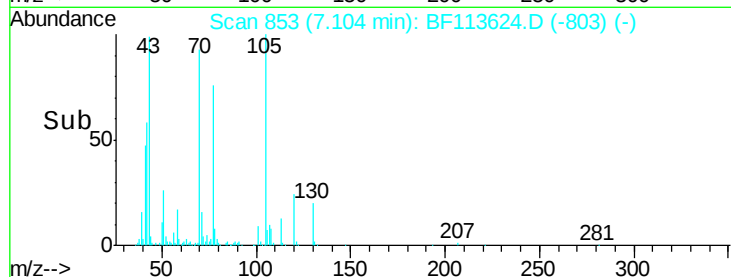
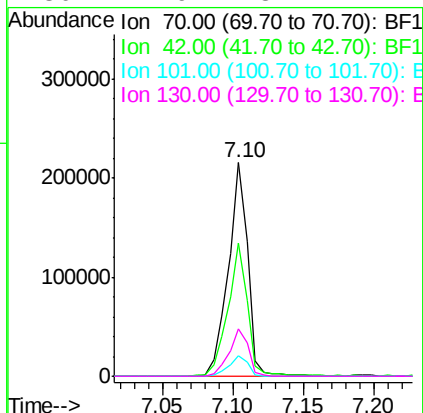
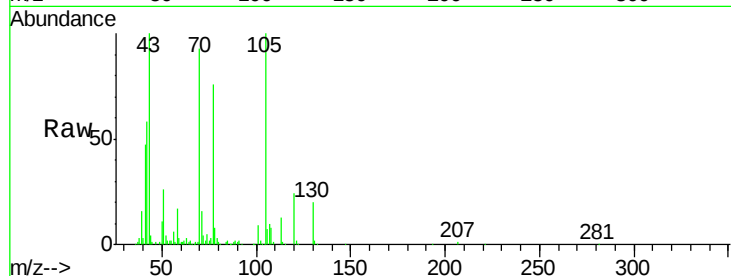




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.294 ng  
RT: 7.10 min Scan# 853  
Delta R.T. -0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

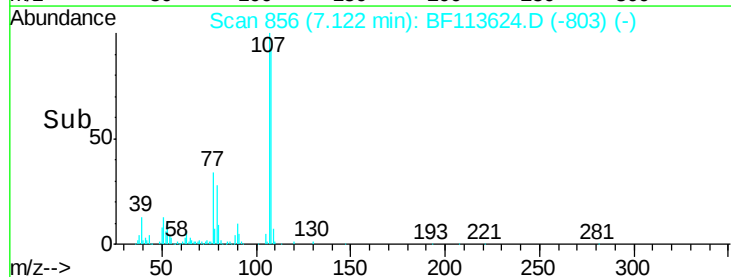
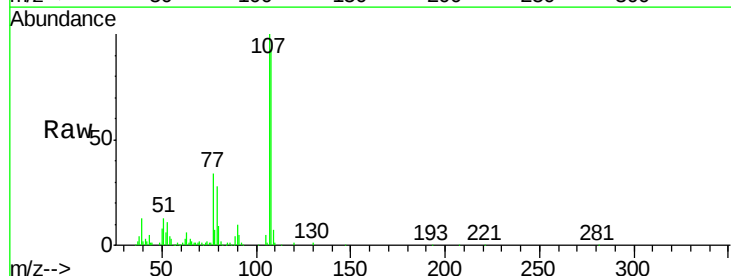
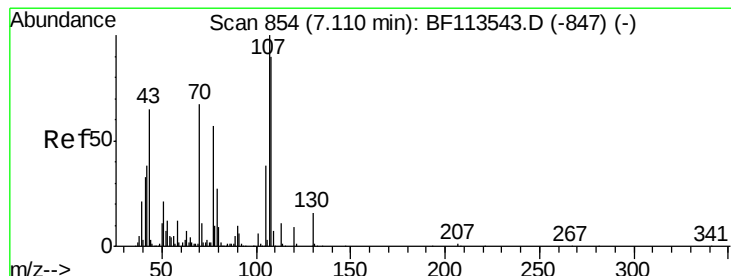
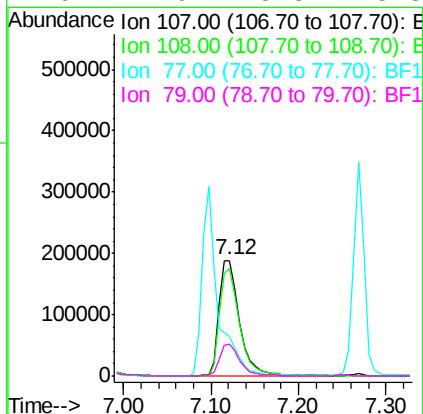
Instrument :  
BNA\_F  
ClientSampleId :

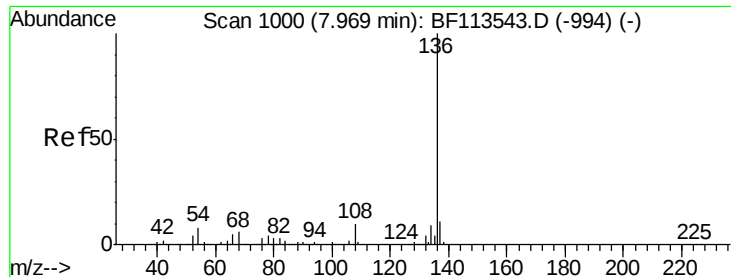
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 62.4  | 48.4  | 72.6  |
| 101     | 9.3   | 7.8   | 11.8  |
| 130     | 21.9  | 18.2  | 27.4  |



#20  
3+4-Methylphenols  
Concen: 41.485 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 93.0  | 71.4  | 111.4 |
| 77      | 34.0  | 33.5  | 73.5  |
| 79      | 27.9  | 8.3   | 48.3  |

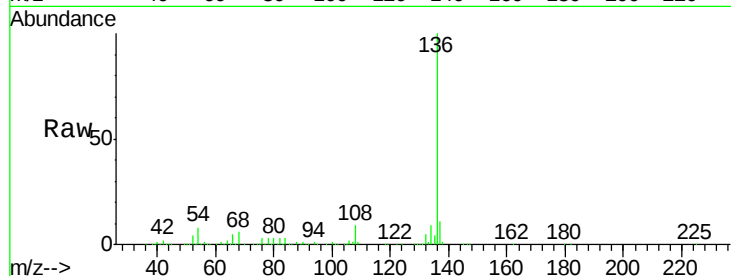




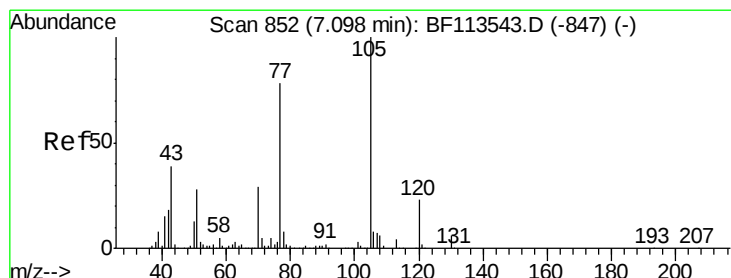
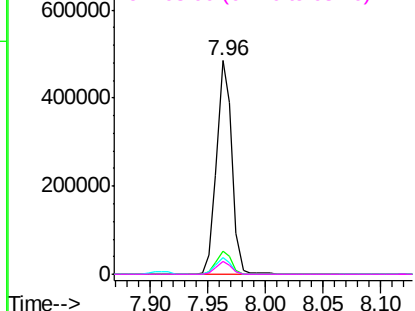
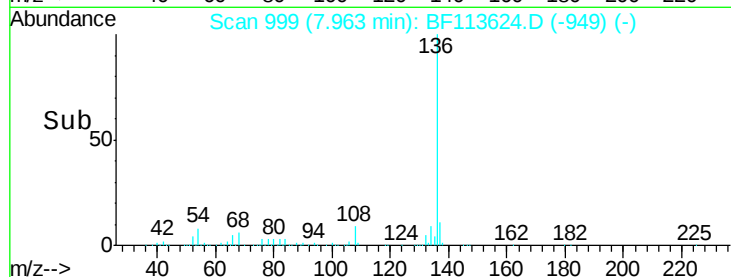
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.96 min Scan# 999  
Delta R.T. -0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 446376      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.0  | 8.9 13.3    |
| 54          | 8.0   | 7.0 10.6    |
| 68          | 6.0   | 4.8 7.2     |

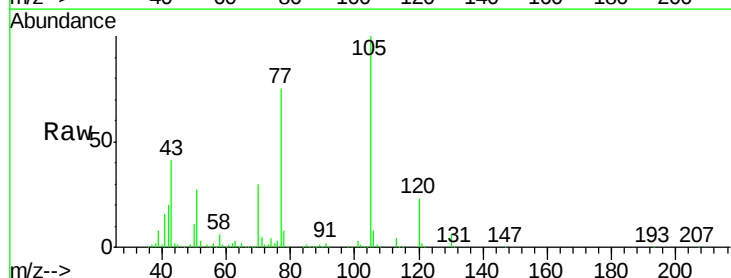


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

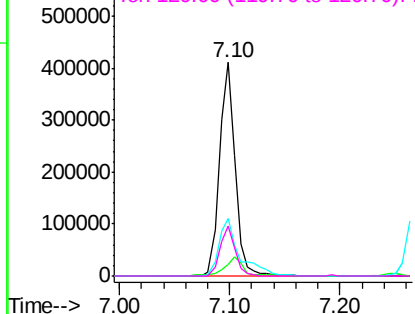
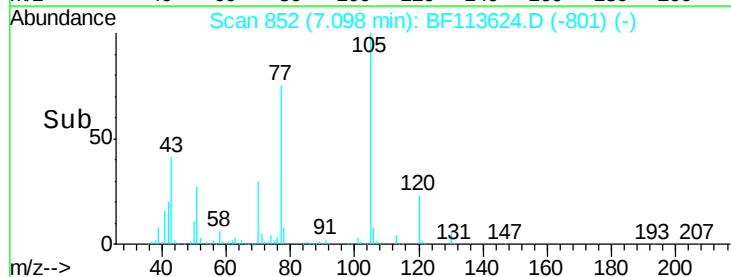


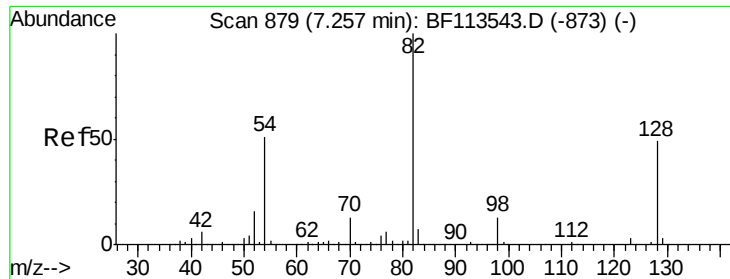
#22  
Acetophenone  
Concen: 41.461 ng  
RT: 7.10 min Scan# 852  
Delta R.T. -0.00 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 406479      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 5.4   | 3.3 4.9#    |
| 51          | 26.8  | 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

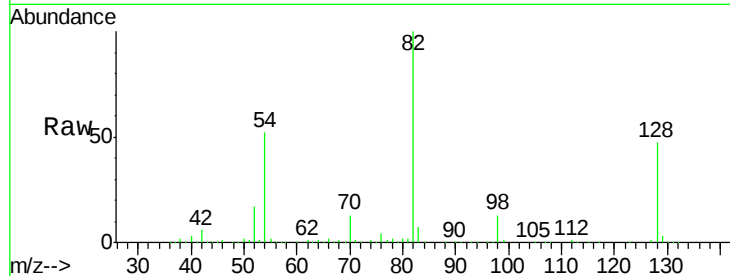




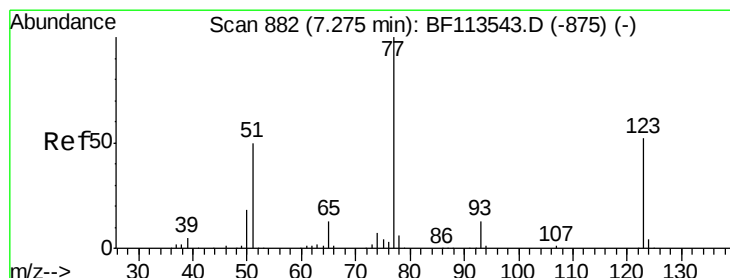
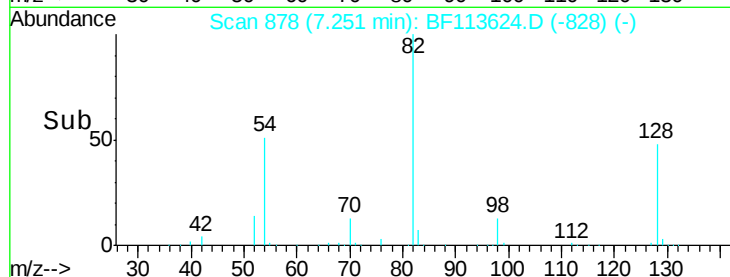
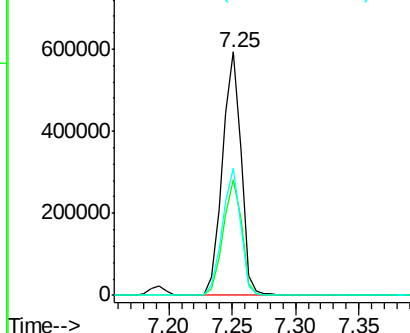
#23  
 Nitrobenzene-d5  
 Concen: 80.057 ng  
 RT: 7.25 min Scan# 878  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion: 82 Resp: 610077  
 Ion Ratio Lower Upper  
 82 100  
 128 47.4 36.5 54.7  
 54 52.2 42.2 63.2

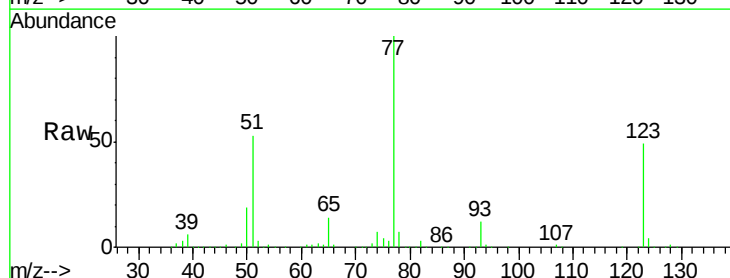


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

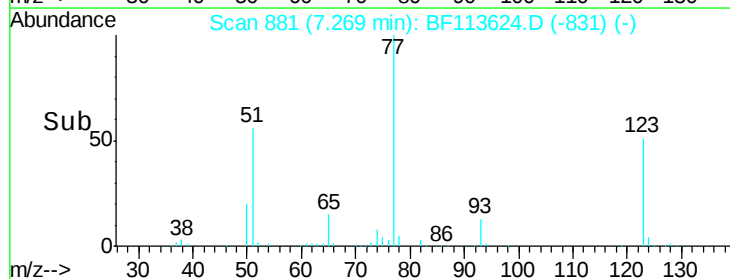
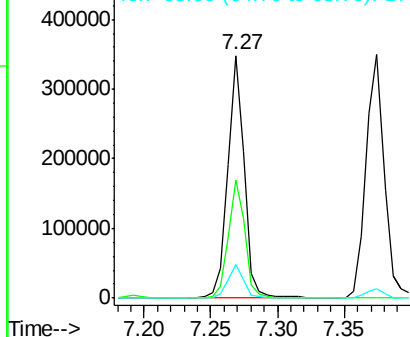


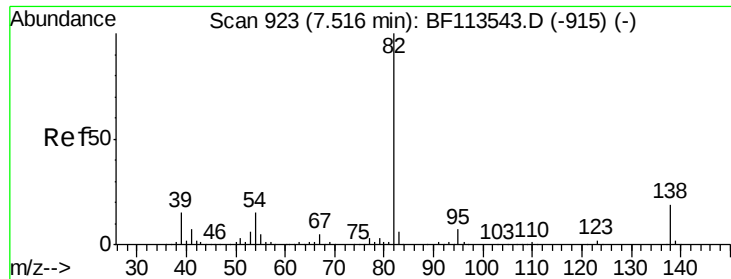
#24  
 Nitrobenzene  
 Concen: 38.330 ng  
 RT: 7.27 min Scan# 881  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion: 77 Resp: 300809  
 Ion Ratio Lower Upper  
 77 100  
 123 48.7 40.8 61.2  
 65 13.9 10.6 16.0



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





#25

Isophorone

Concen: 38.830 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA\_F

ClientSampleId :

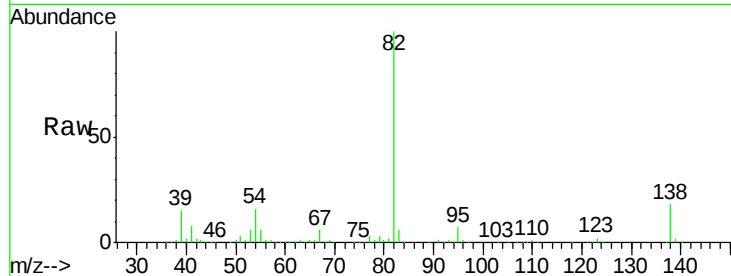
Tot Ion: 82 Resp: 570029

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

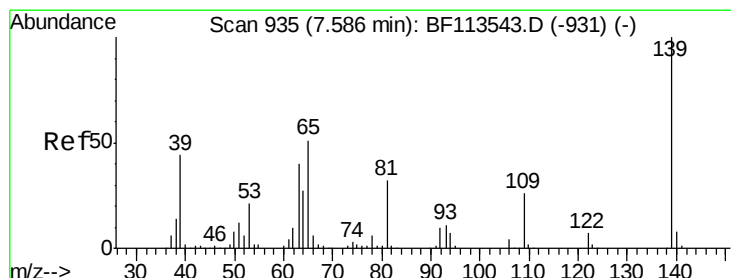
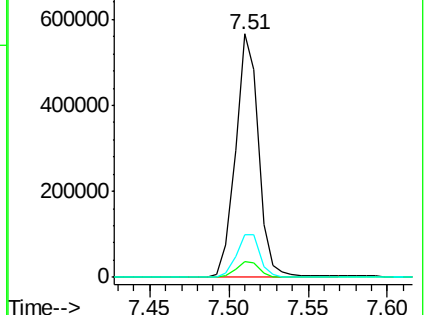
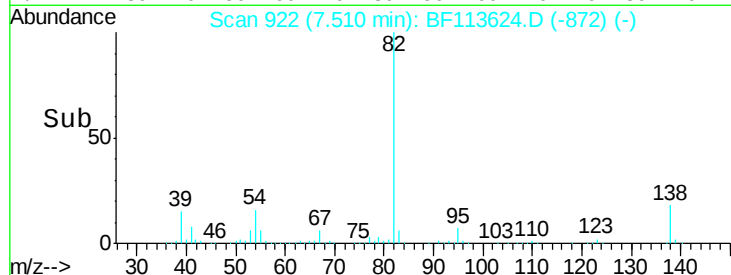
138 17.7 15.2 22.8



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: 38.454 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

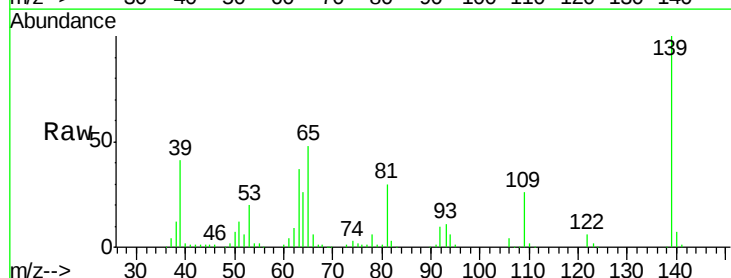
Tgt Ion: 139 Resp: 162422

Ion Ratio Lower Upper

139 100

109 25.8 21.7 32.5

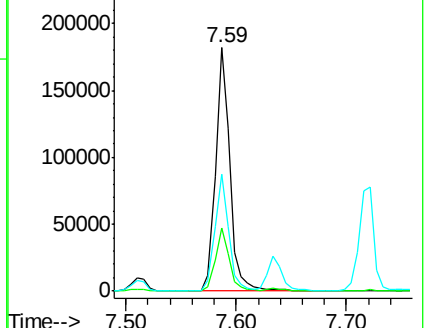
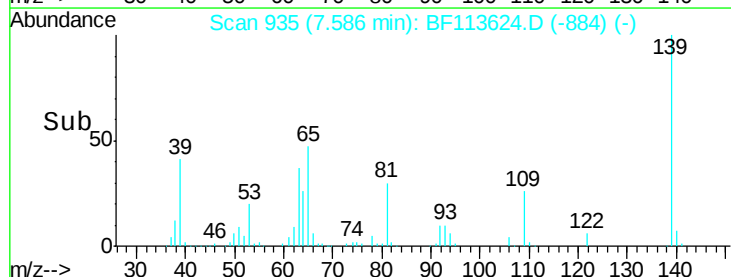
65 47.9 41.6 62.4

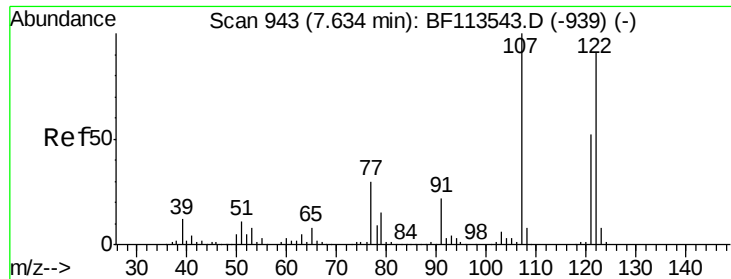


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

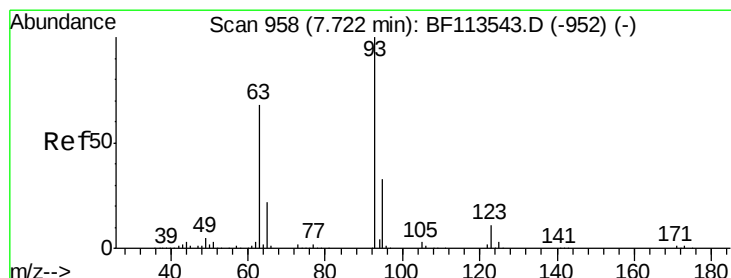
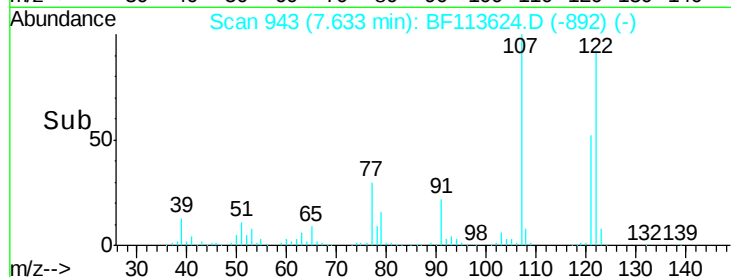
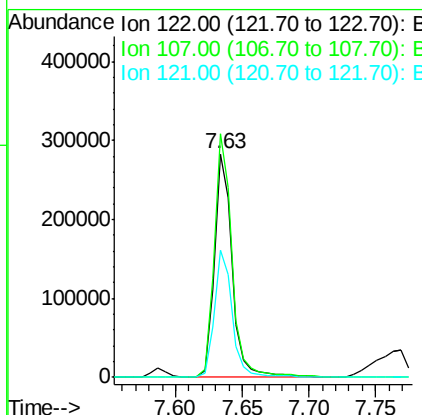
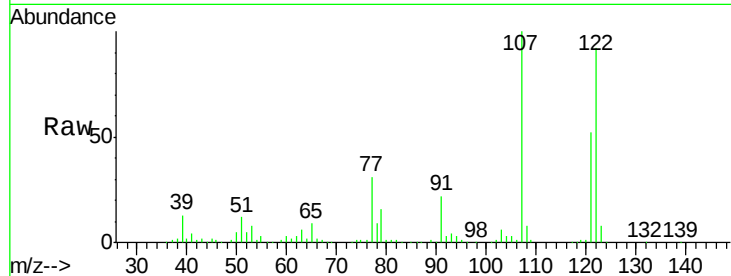




#27  
 2,4-Dimethylphenol  
 Concen: 44.003 ng  
 RT: 7.63 min Scan# 943  
 Delta R.T. -0.00 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

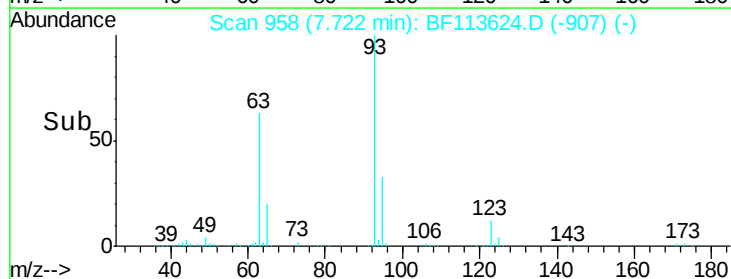
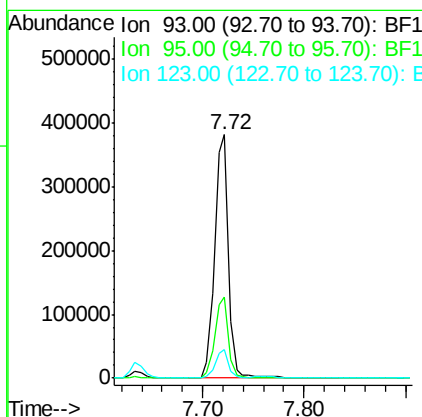
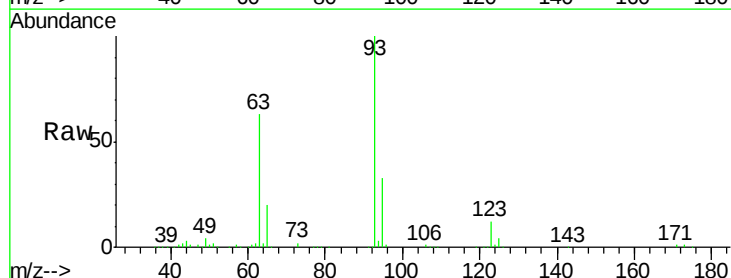
Instrument :  
 BNA\_F  
 ClientSampleId :

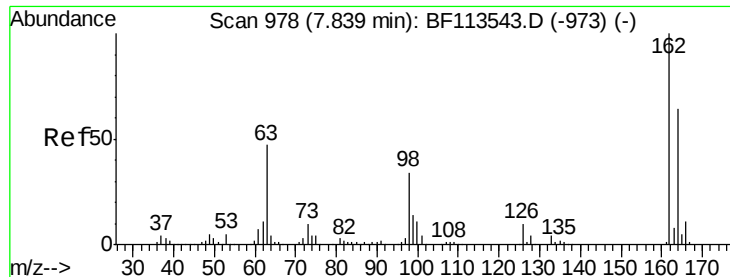
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 108.8 | 88.8  | 133.2 |
| 121     | 56.8  | 45.5  | 68.3  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.802 ng  
 RT: 7.72 min Scan# 958  
 Delta R.T. -0.00 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.1  | 26.0  | 39.0  |
| 123     | 11.7  | 9.1   | 13.7  |

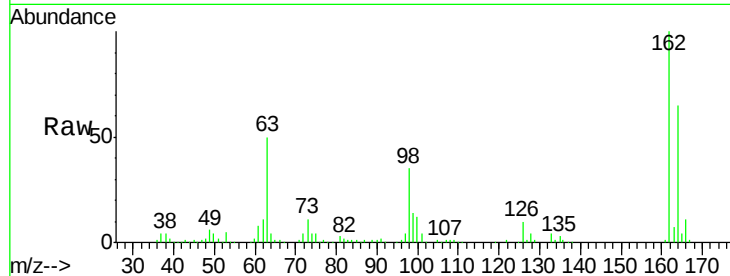




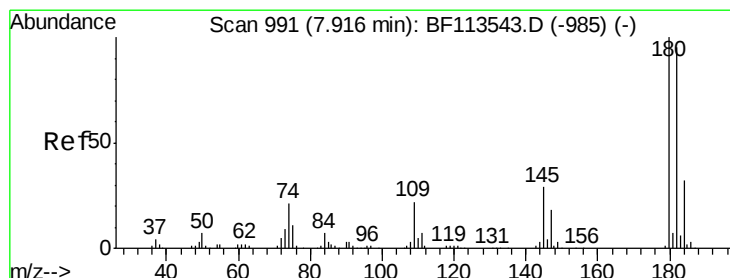
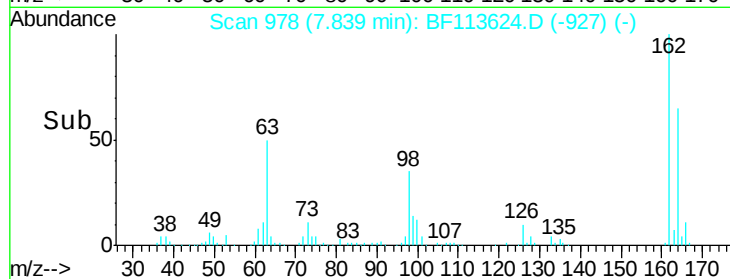
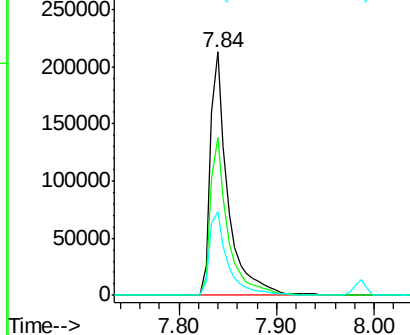
#29  
 2,4-Dichlorophenol  
 Concen: 40.979 ng  
 RT: 7.84 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:162 Resp: 264749  
 Ion Ratio Lower Upper  
 162 100  
 164 64.6 44.6 84.6  
 98 34.5 15.6 55.6

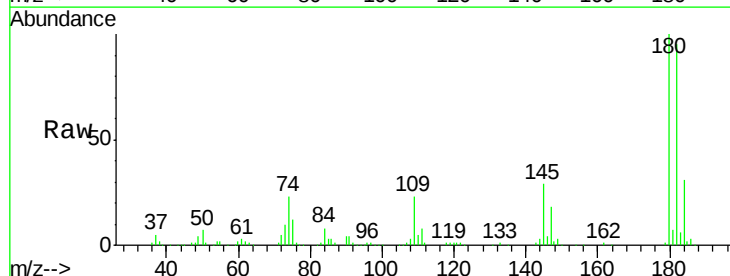


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

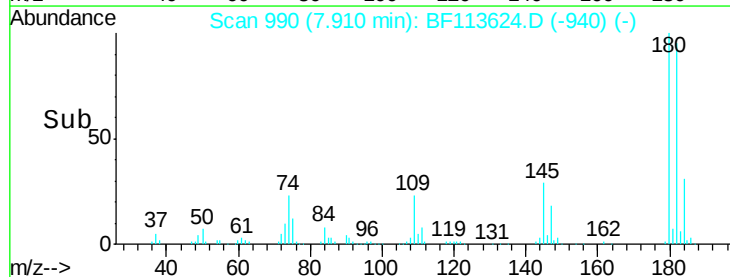
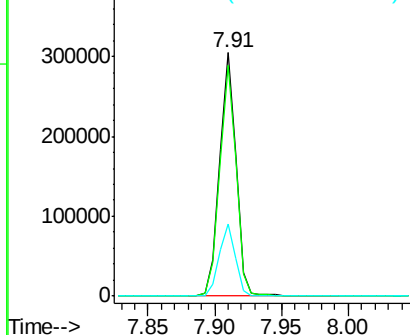


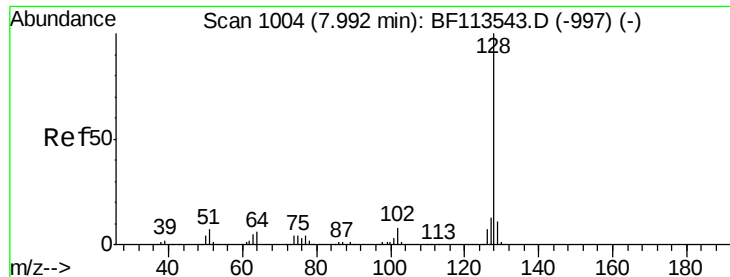
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.159 ng  
 RT: 7.91 min Scan# 990  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion:180 Resp: 267723  
 Ion Ratio Lower Upper  
 180 100  
 182 94.6 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

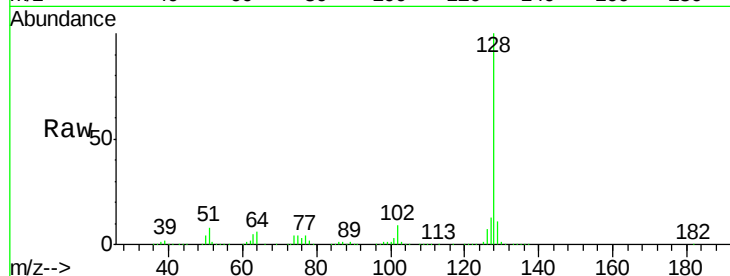




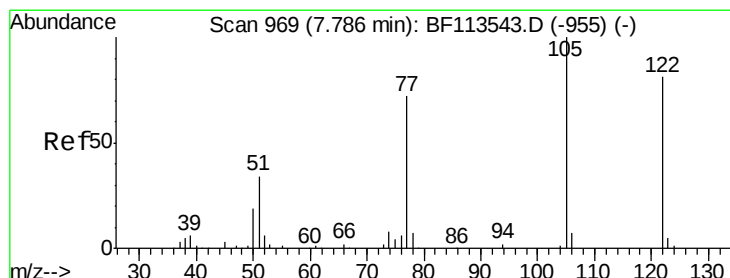
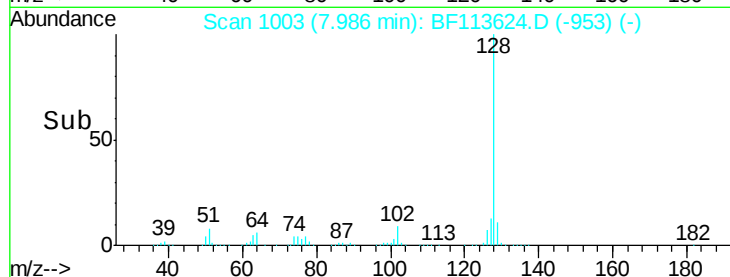
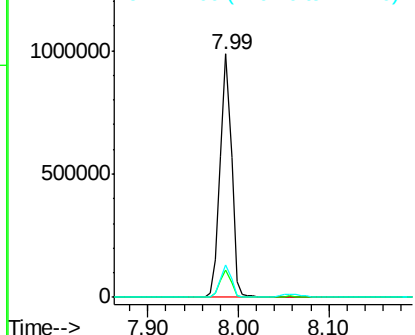
#31  
Naphthalene  
Concen: 39.454 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. -0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:128 Resp: 853304  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.3 13.9  
127 13.2 10.9 16.3

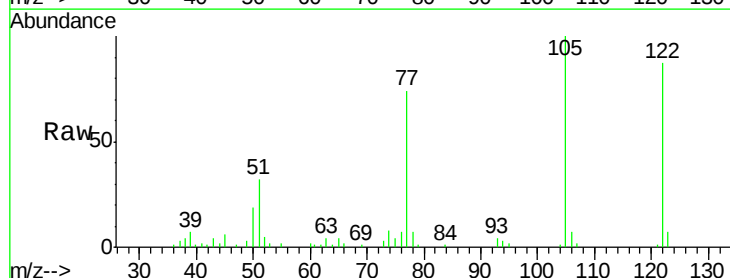


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

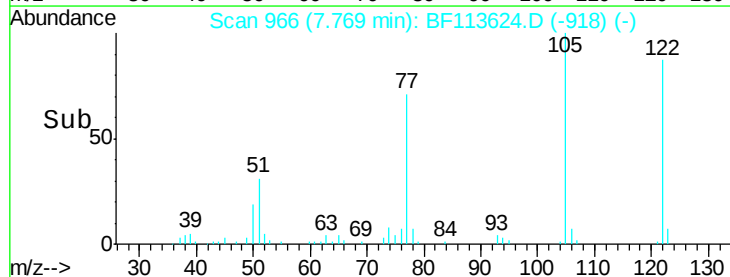
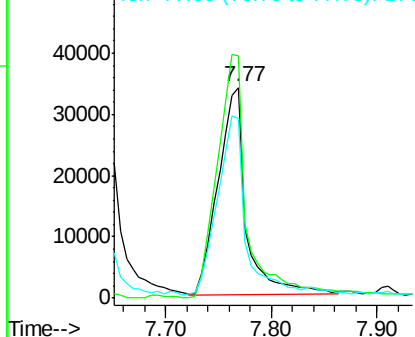


#32  
Benzoic acid  
Concen: 13.507 ng  
RT: 7.77 min Scan# 966  
Delta R.T. -0.02 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Tgt Ion:122 Resp: 63154  
Ion Ratio Lower Upper  
122 100  
105 115.4 100.4 140.4  
77 85.4 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

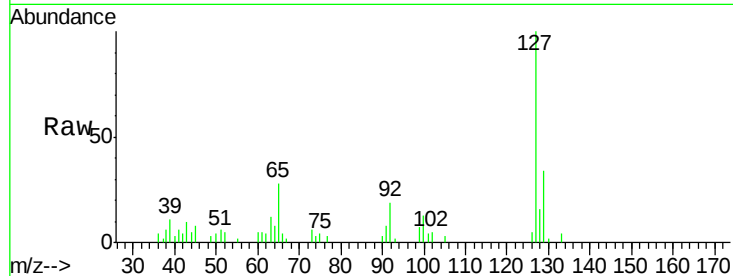




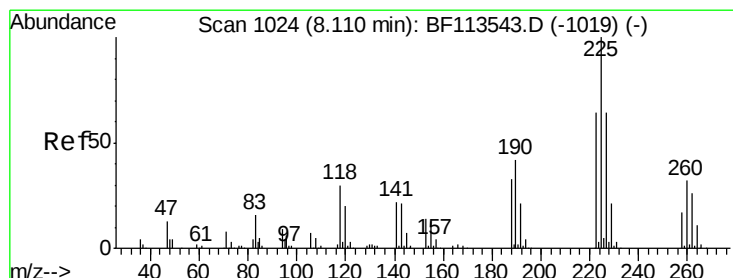
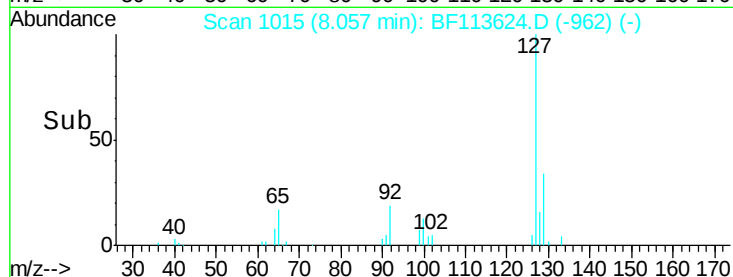
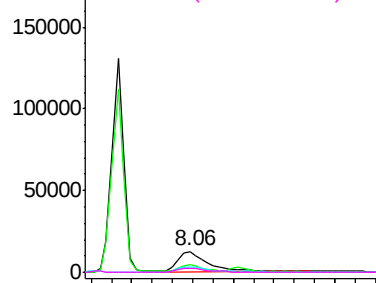
#33  
4-Chloroaniline  
Concen: 2.978 ng  
RT: 8.06 min Scan# 1015  
Delta R.T. 0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 25539 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 34.5  | 26.3  | 39.5  |
| 65       | 27.6  | 24.2  | 36.4  |
| 92       | 19.2  | 15.0  | 22.6  |

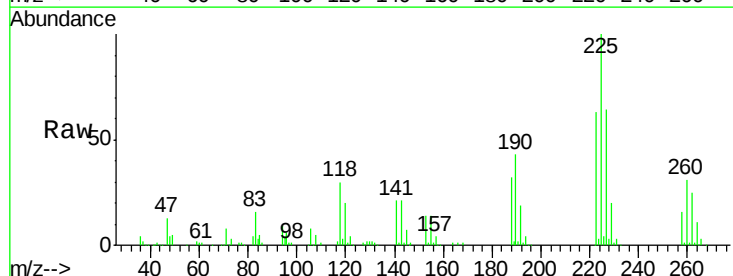


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

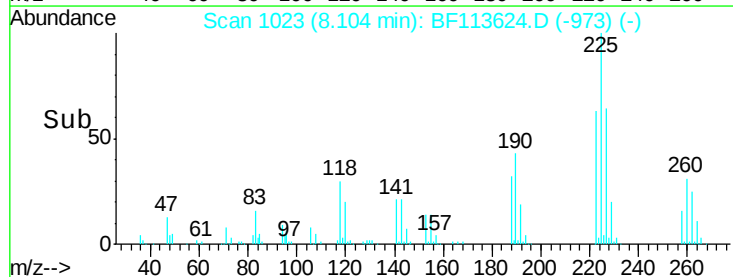
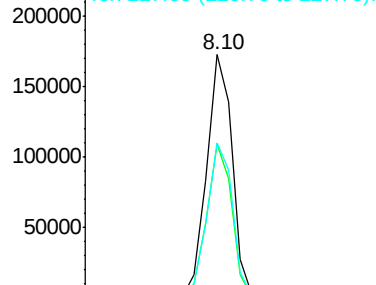


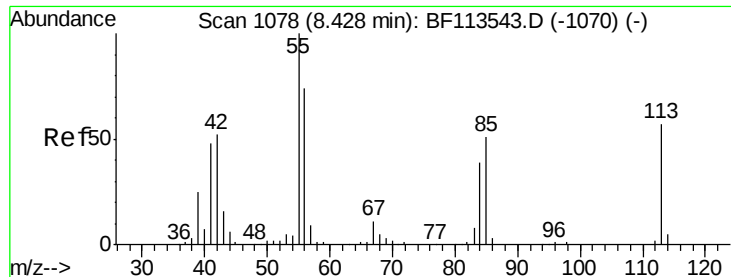
#34  
Hexachlorobutadiene  
Concen: 36.660 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 156813 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 51.4  | 77.2   |
| 227      | 63.6  | 51.1  | 76.7   |



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

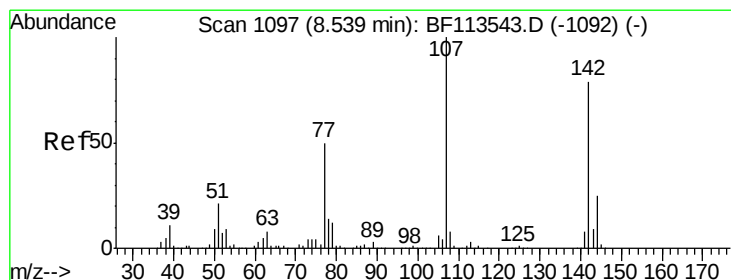
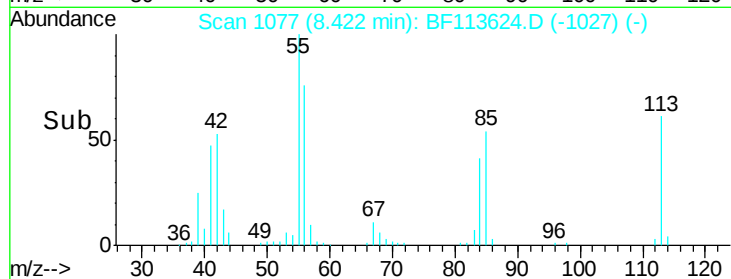
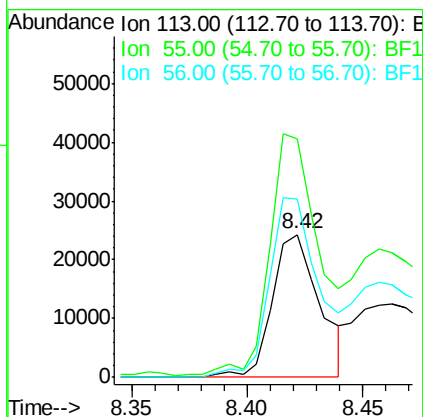
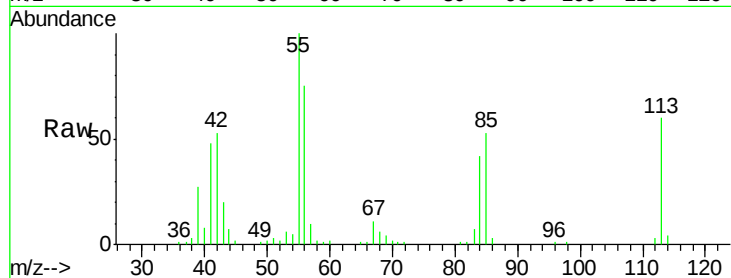




#35  
 Caprolactam  
 Concen: 16.904 ng  
 RT: 8.42 min Scan# 1077  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

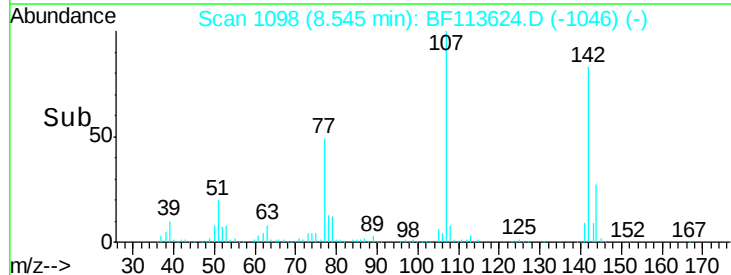
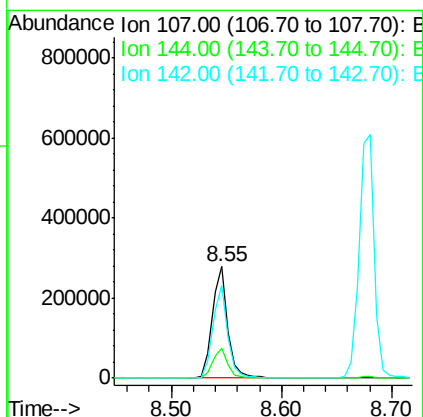
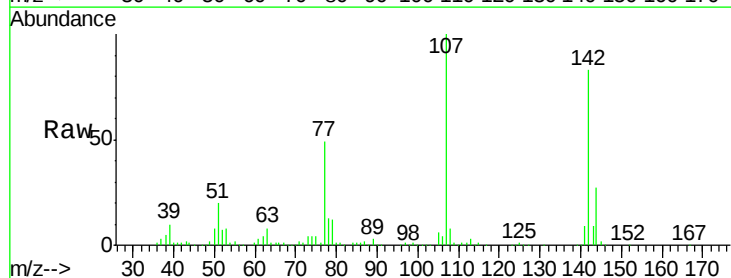
Instrument :  
 BNA\_F  
 ClientSampleId :

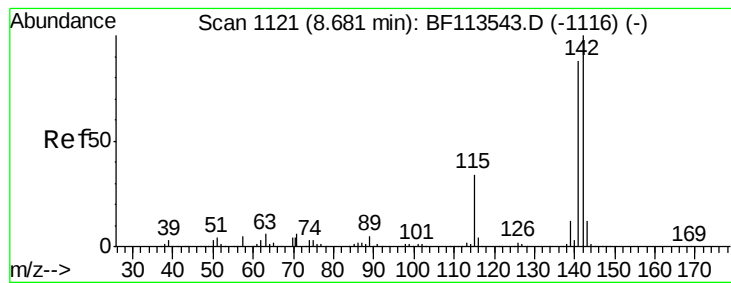
Tot Ion:113 Resp: 34667  
 Ion Ratio Lower Upper  
 113 100  
 55 166.9 152.7 192.7  
 56 124.9 108.3 148.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.436 ng  
 RT: 8.55 min Scan# 1098  
 Delta R.T. 0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion:107 Resp: 262250  
 Ion Ratio Lower Upper  
 107 100  
 144 26.7 21.4 32.0  
 142 83.3 65.6 98.4

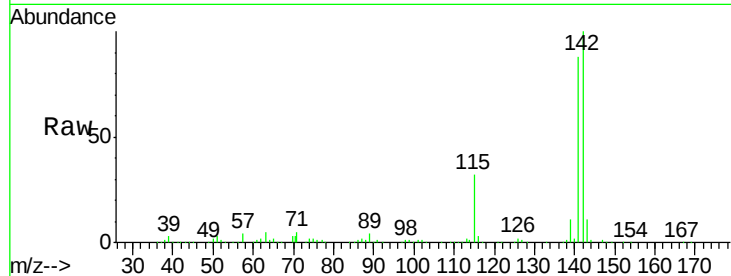




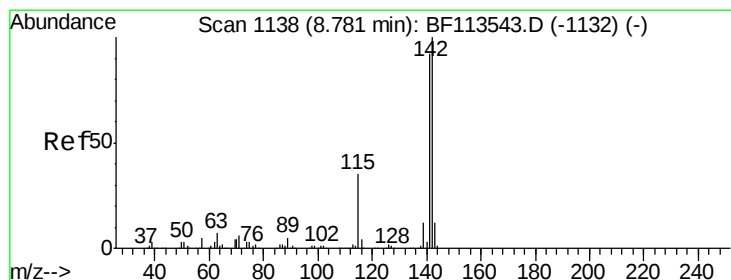
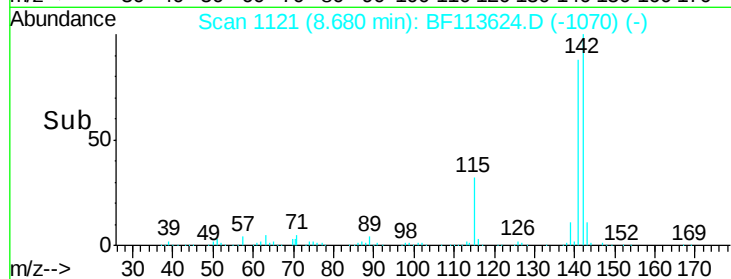
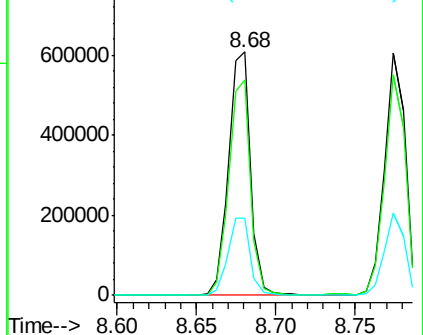
#37  
 2-Methylnaphthalene  
 Concen: 41.200 ng  
 RT: 8.68 min Scan# 1121  
 Delta R.T. -0.00 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:142 Resp: 586054  
 Ion Ratio Lower Upper  
 142 100  
 141 88.3 71.0 106.6  
 115 31.5 26.6 39.8

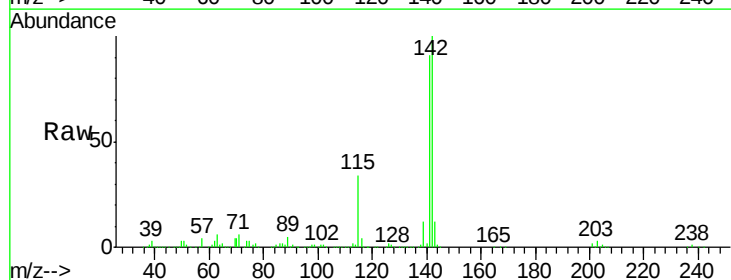


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

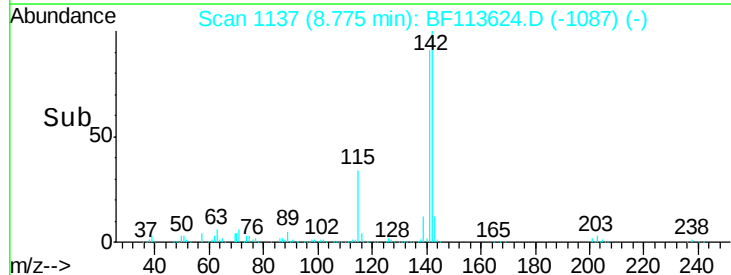
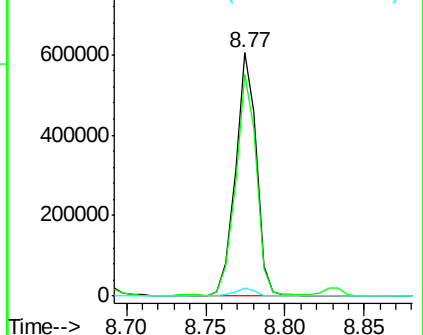


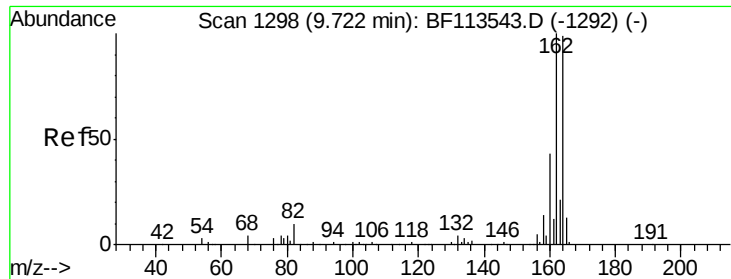
#38  
 1-Methylnaphthalene  
 Concen: 40.145 ng  
 RT: 8.77 min Scan# 1137  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion:142 Resp: 550634  
 Ion Ratio Lower Upper  
 142 100  
 141 91.1 73.2 109.8  
 116 3.5 3.0 4.4



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

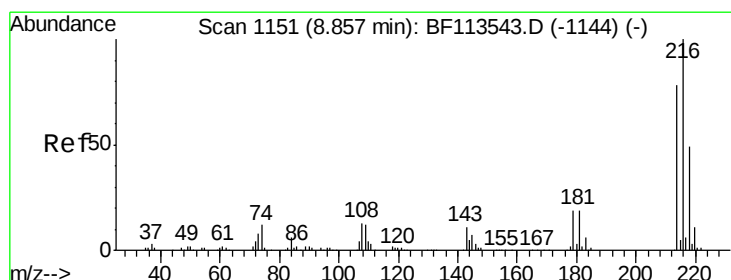
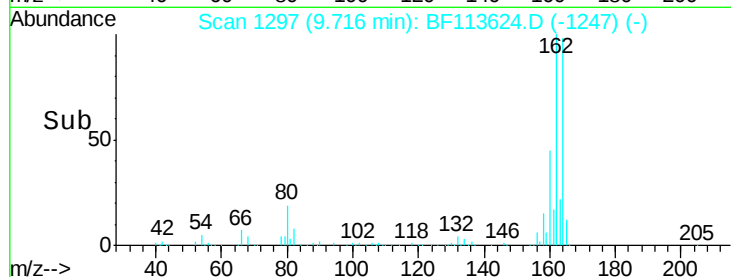
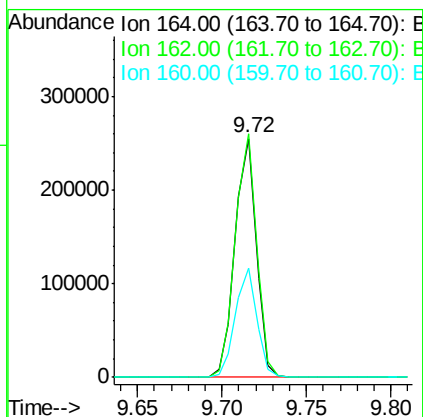
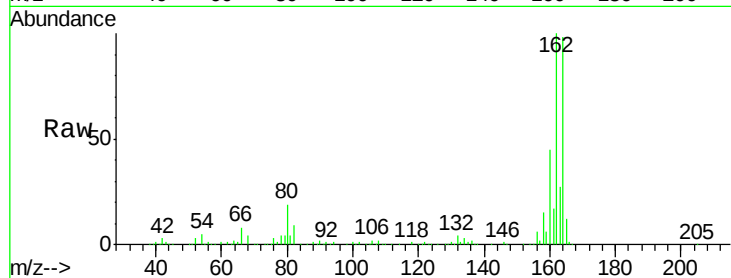




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.72 min Scan# 1297  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

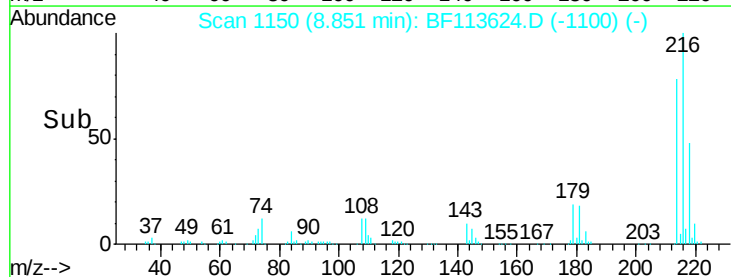
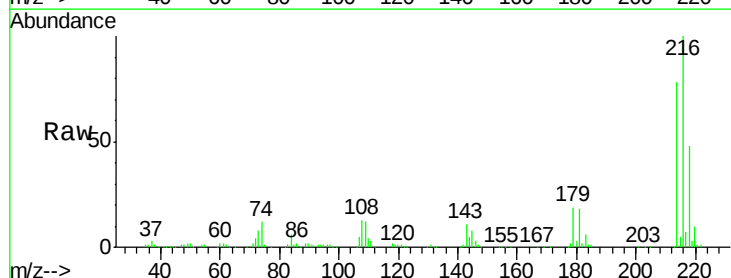
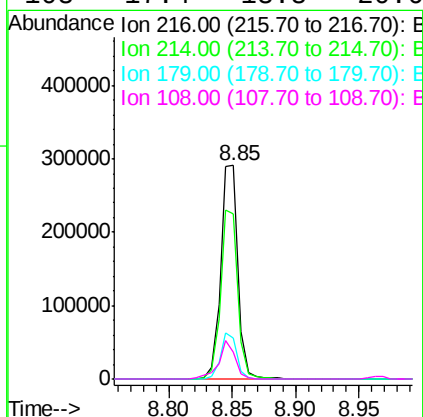
Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion   | 164   | Resp  | 224891 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 101.9 | 81.8  | 122.6  |
| 160       | 45.5  | 36.4  | 54.6   |



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.033 ng  
 RT: 8.85 min Scan# 1150  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

| Tgt Ion   | 216   | Resp  | 276624 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.7  | 63.0  | 94.6   |
| 179       | 20.2  | 16.8  | 25.2   |
| 108       | 17.4  | 13.8  | 20.6   |

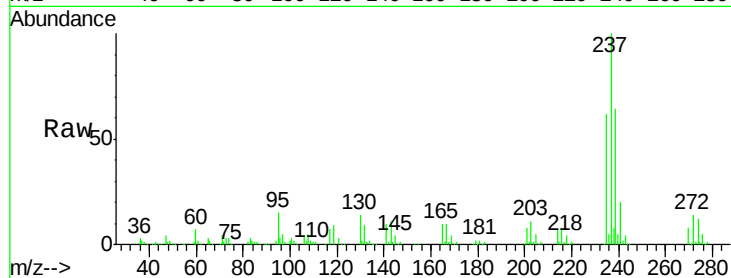




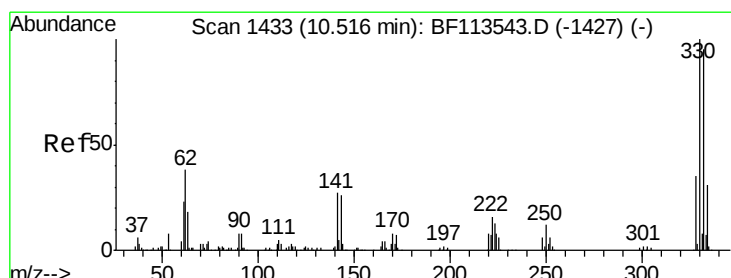
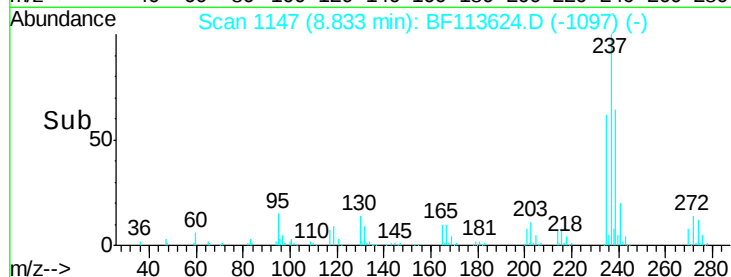
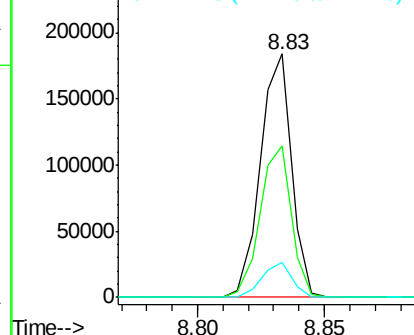
#41  
 Hexachlorocyclopentadiene  
 Concen: 65.255 ng  
 RT: 8.83 min Scan# 1147  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:237 Resp: 158484  
 Ion Ratio Lower Upper  
 237 100  
 235 62.2 43.4 83.4  
 272 14.5 0.0 33.7

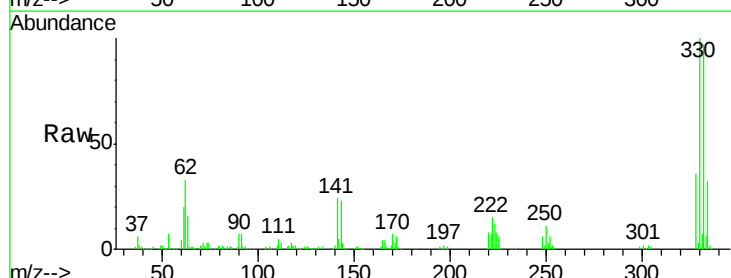


Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E

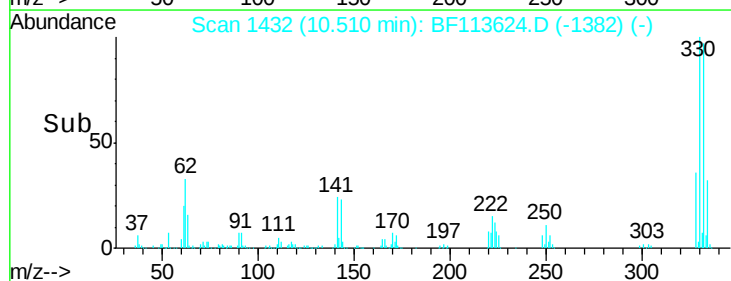
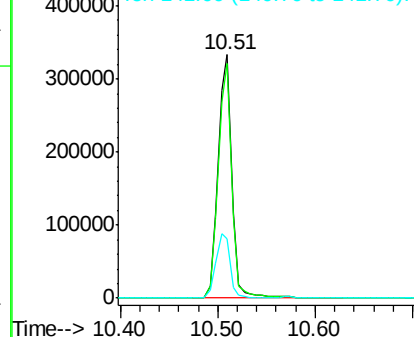


#42  
 2,4,6-Tribromophenol  
 Concen: 120.824 ng  
 RT: 10.51 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion:330 Resp: 326405  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 77.8 116.6  
 141 27.5 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

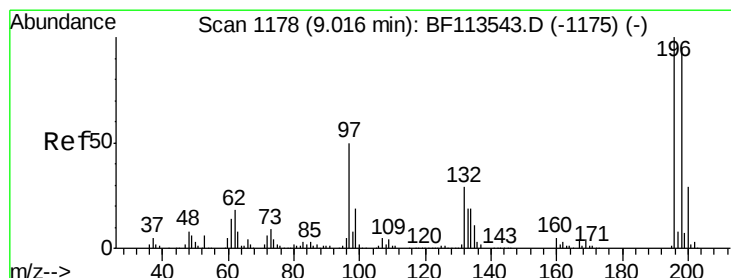
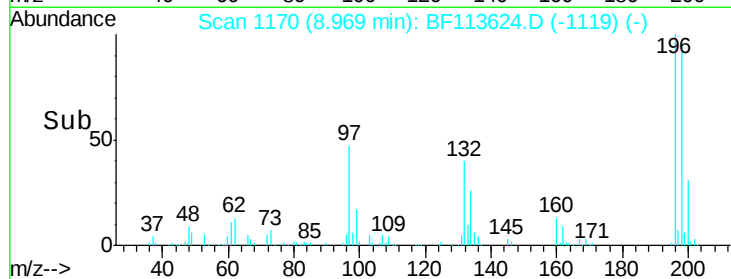
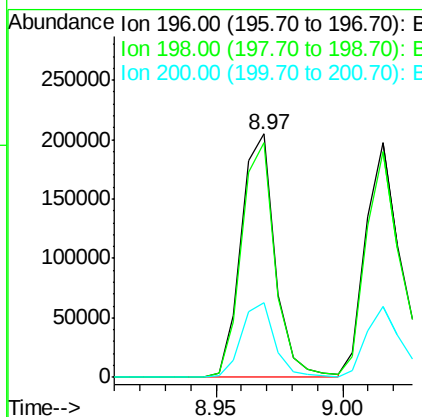
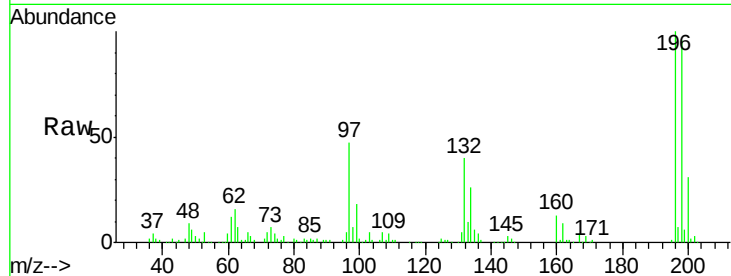




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.740 ng  
 RT: 8.97 min Scan# 1170  
 Delta R.T. -0.00 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

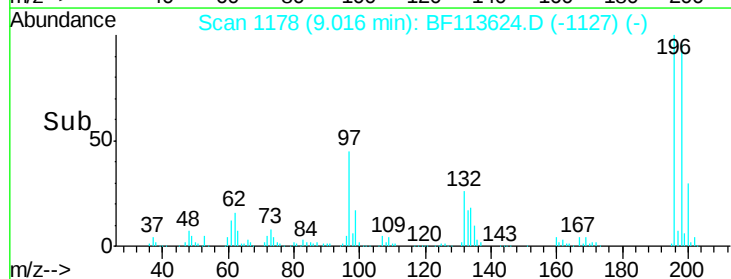
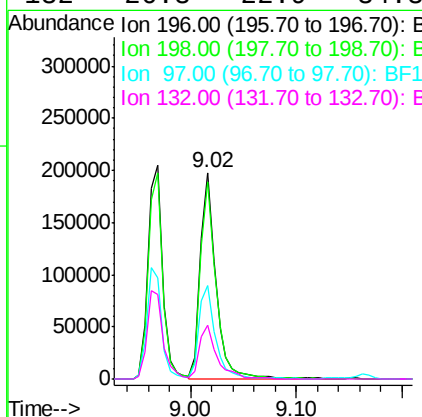
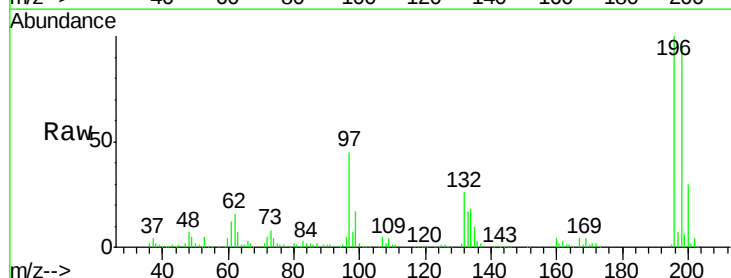
Instrument :  
 BNA\_F  
 ClientSampleId :

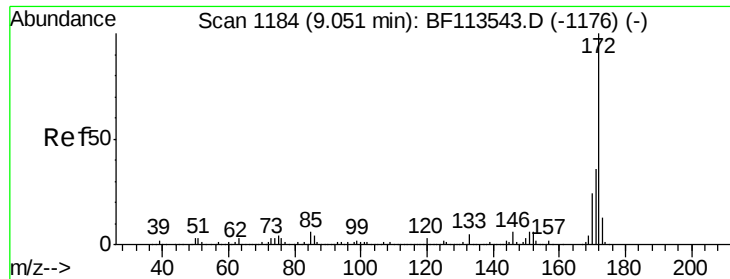
Tot Ion:196 Resp: 191629  
 Ion Ratio Lower Upper  
 196 100  
 198 96.3 77.7 116.5  
 200 30.6 24.9 37.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.746 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. -0.00 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion:196 Resp: 200831  
 Ion Ratio Lower Upper  
 196 100  
 198 95.7 75.4 113.2  
 97 45.2 38.6 58.0  
 132 26.3 22.9 34.3

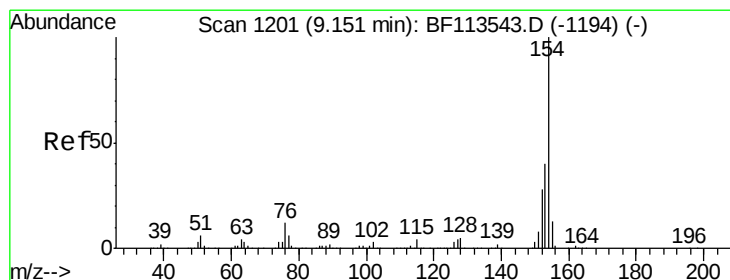
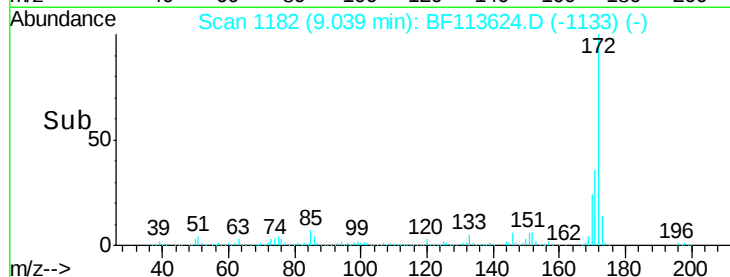
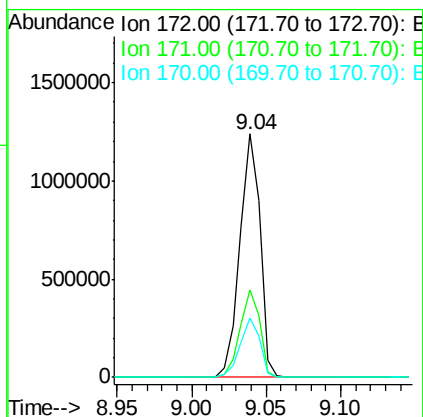
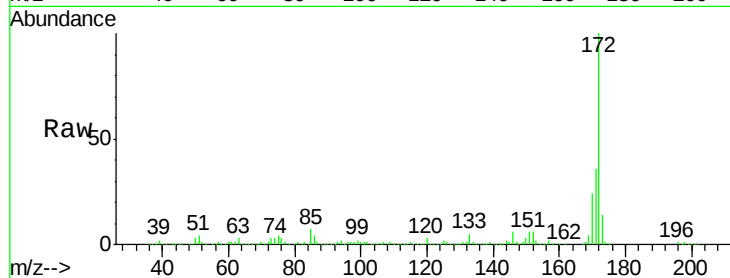




#45  
 2-Fluorobiphenyl  
 Concen: 84.224 ng  
 RT: 9.04 min Scan# 1182  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

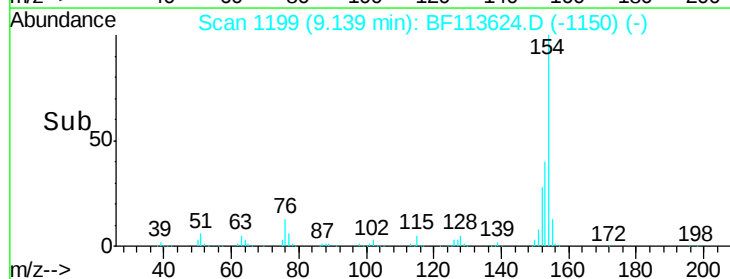
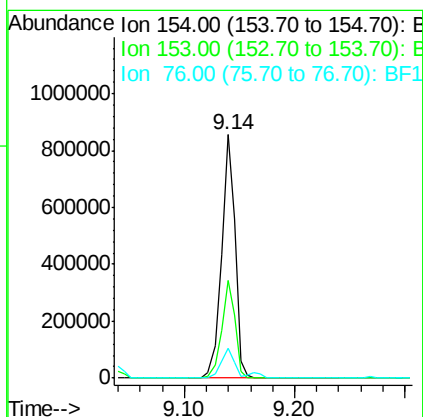
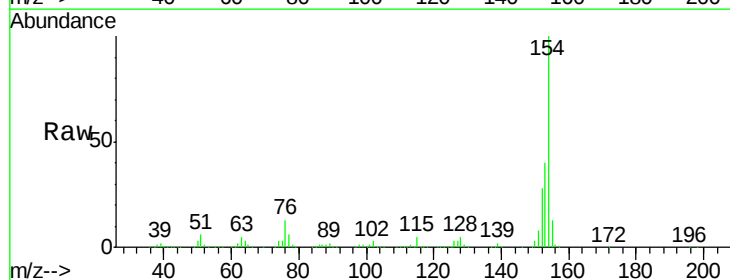
Instrument :  
 BNA\_F  
 ClientSampleId :

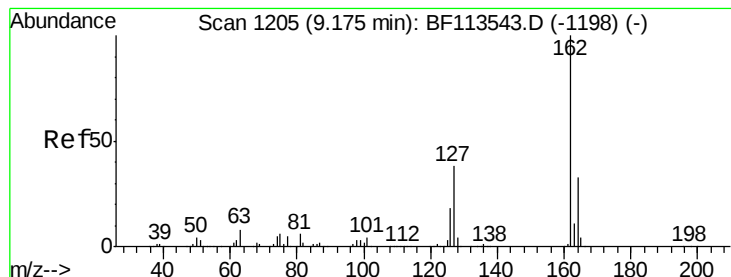
Tot Ion:172 Resp: 1176556  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 29.0 43.6  
 170 24.3 19.5 29.3



#46  
 1,1'-Biphenyl  
 Concen: 39.286 ng  
 RT: 9.14 min Scan# 1199  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion:154 Resp: 729060  
 Ion Ratio Lower Upper  
 154 100  
 153 40.4 20.8 60.8  
 76 12.5 0.0 31.9





#47

2-Chloronaphthalene

Concen: 39.312 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA\_F

ClientSampleId :

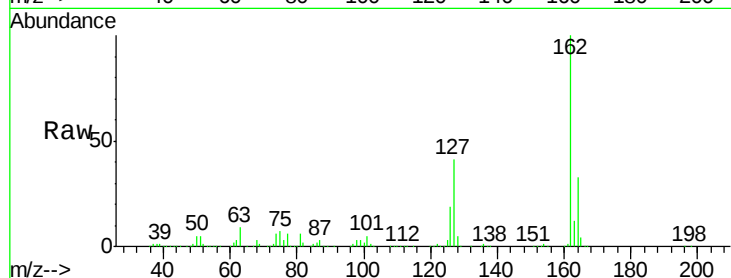
Tot Ion:162 Resp: 552367

Ion Ratio Lower Upper

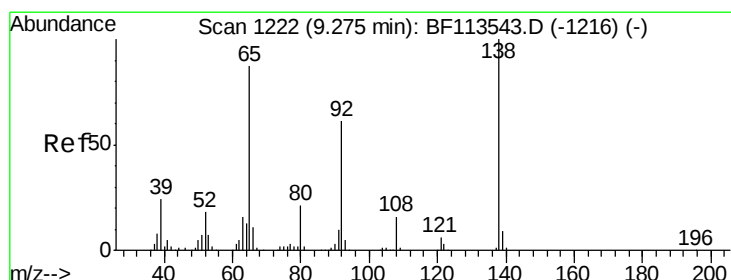
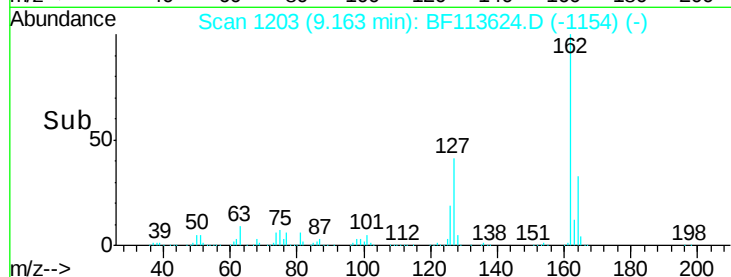
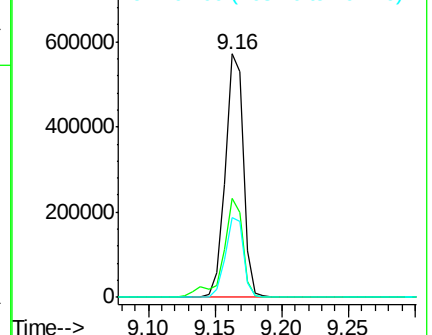
162 100

127 40.5 32.6 49.0

164 33.0 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: 40.230 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

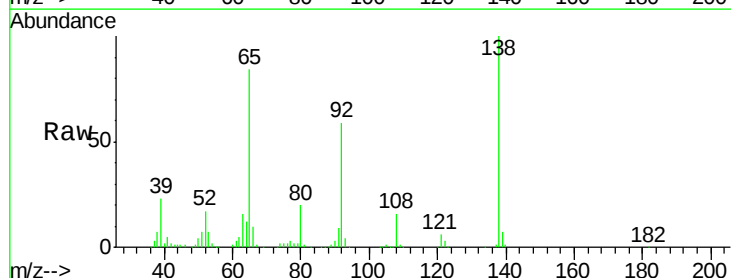
Tgt Ion: 65 Resp: 172966

Ion Ratio Lower Upper

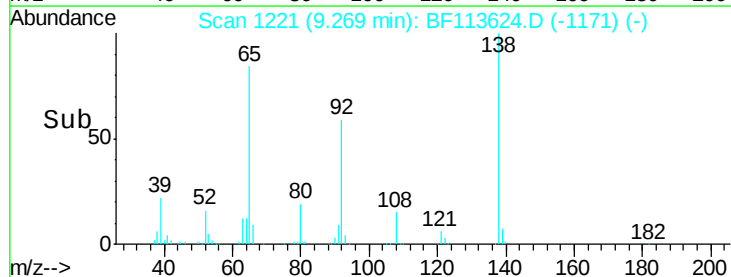
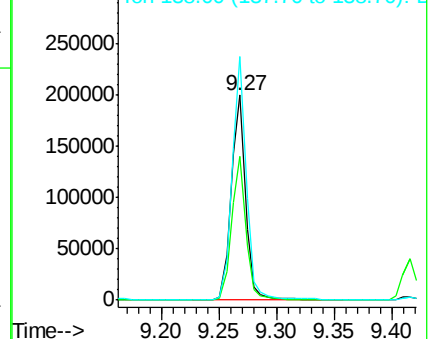
65 100

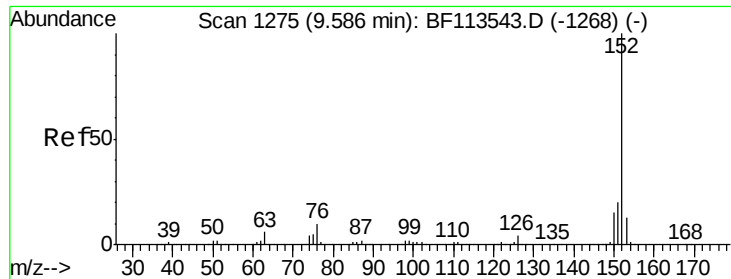
92 70.4 56.8 85.2

138 118.8 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: 39.188 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA\_F

ClientSampleId :

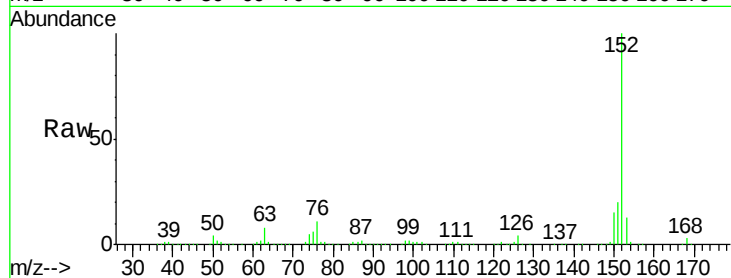
Tot Ion:152 Resp: 895376

Ion Ratio Lower Upper

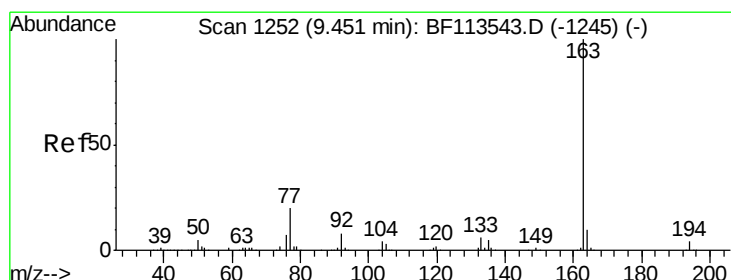
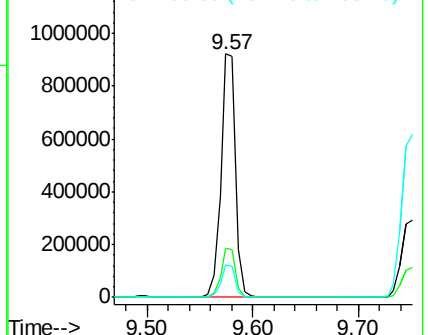
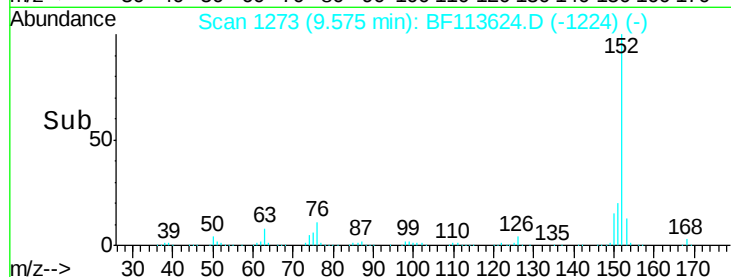
152 100

151 20.2 16.2 24.4

153 13.5 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: 40.491 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

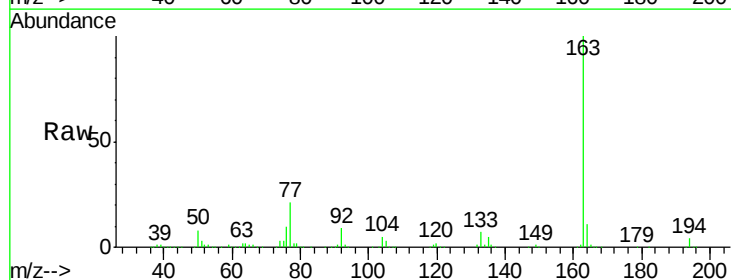
Tgt Ion:163 Resp: 671234

Ion Ratio Lower Upper

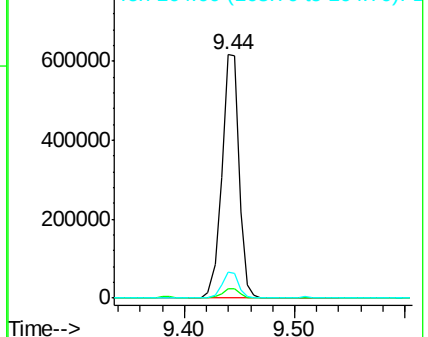
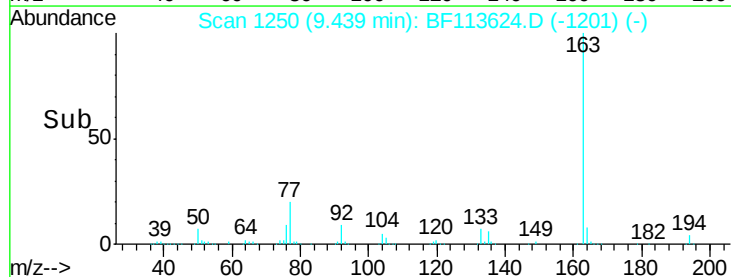
163 100

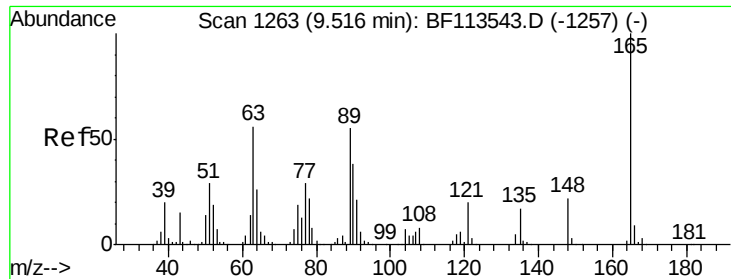
194 3.9 3.0 4.6

164 10.5 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

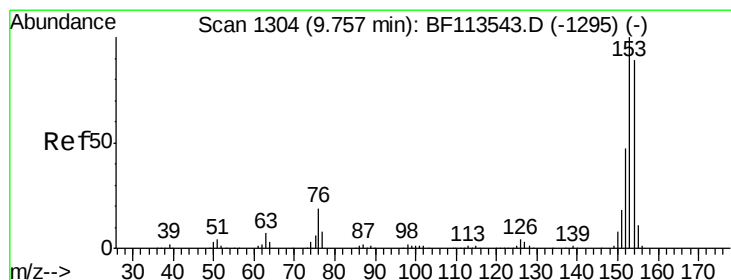
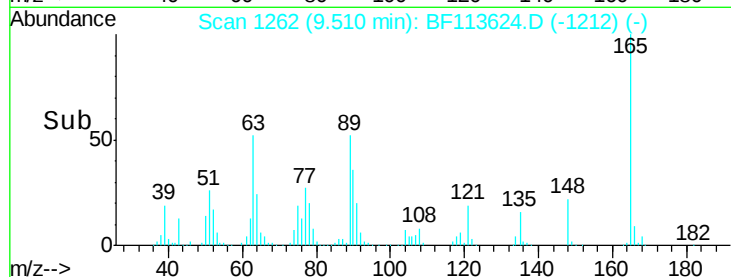
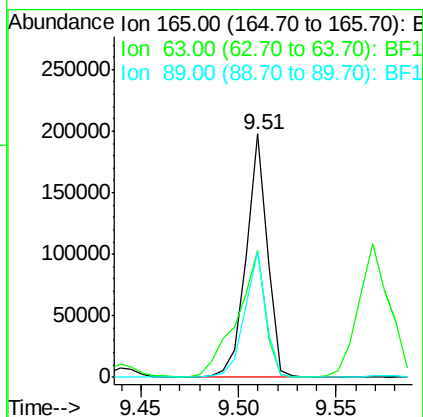
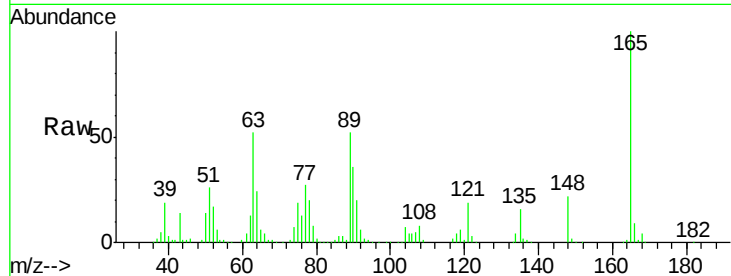




#51  
 2,6-Dinitrotoluene  
 Concen: 40.648 ng  
 RT: 9.51 min Scan# 1262  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

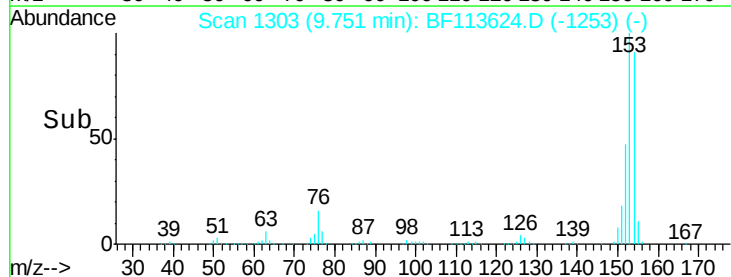
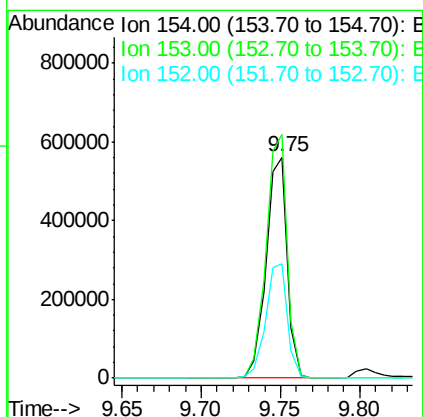
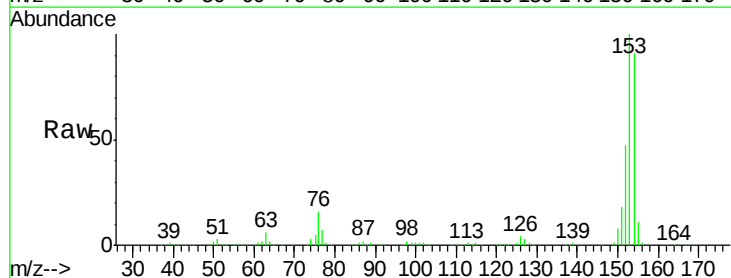
Instrument :  
 BNA\_F  
 ClientSampled :

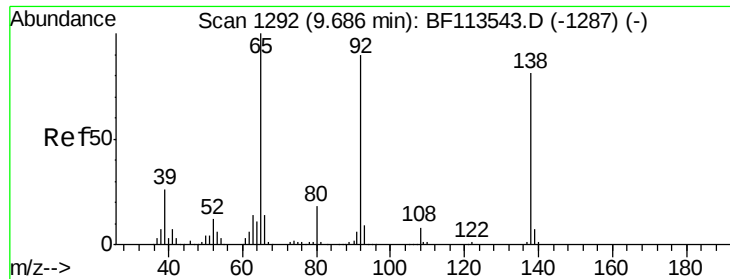
| Tot Ion | 165   | Resp  | 148535 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 165     | 100   |       |        |
| 63      | 52.2  | 43.4  | 65.0   |
| 89      | 51.7  | 43.1  | 64.7   |



#52  
 Acenaphthene  
 Concen: 40.437 ng  
 RT: 9.75 min Scan# 1303  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

| Tgt Ion | 154   | Resp  | 528868 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 154     | 100   |       |        |
| 153     | 110.1 | 89.5  | 134.3  |
| 152     | 52.0  | 43.3  | 64.9   |

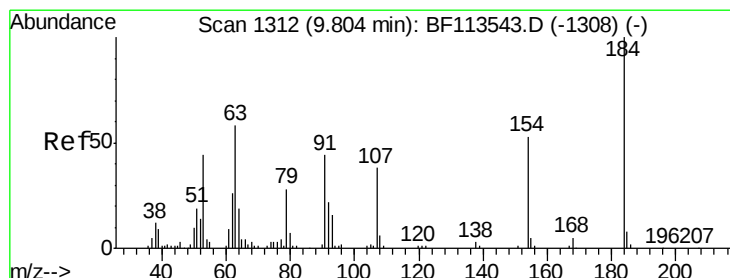
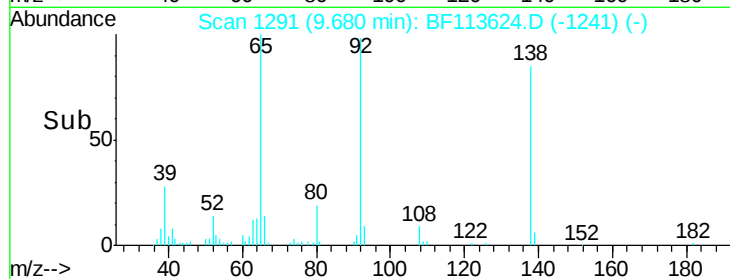
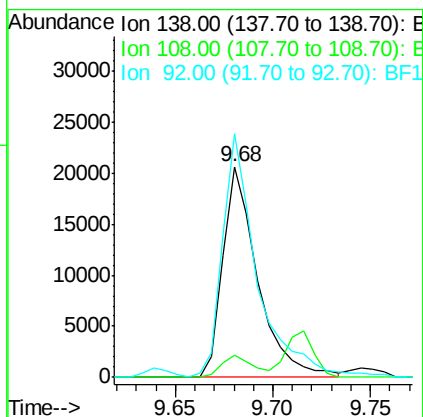
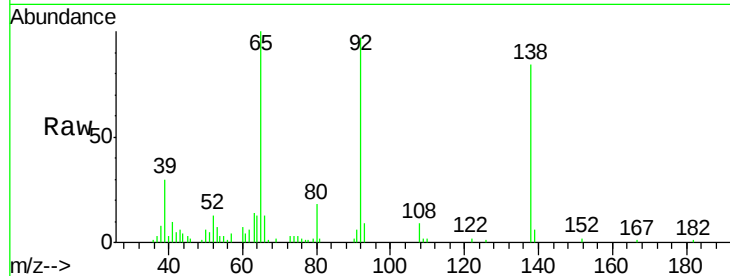




#53  
3-Nitroaniline  
Concen: 6.171 ng  
RT: 9.68 min Scan# 1291  
Delta R.T. -0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

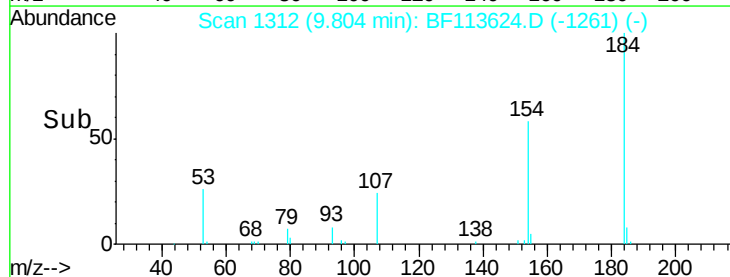
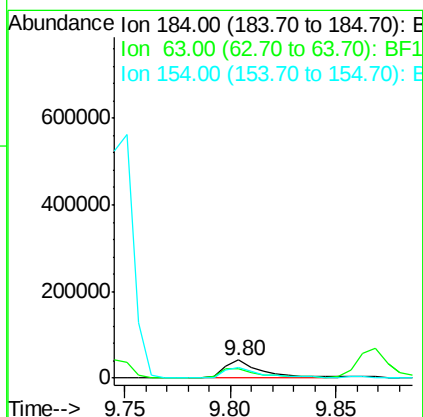
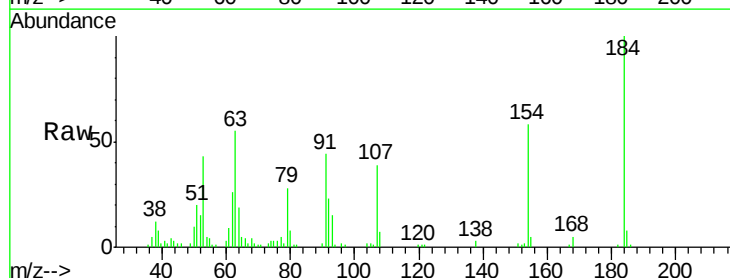
Instrument :  
BNA\_F  
ClientSampleId :

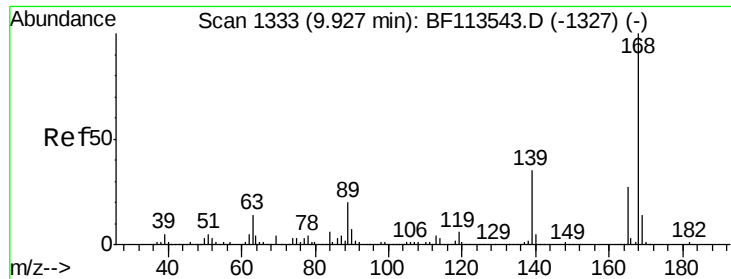
Tot Ion:138 Resp: 25637  
Ion Ratio Lower Upper  
138 100  
108 10.3 7.8 11.6  
92 115.6 82.6 124.0



#54  
2,4-Dinitrophenol  
Concen: 30.316 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. -0.00 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Tgt Ion:184 Resp: 51828  
Ion Ratio Lower Upper  
184 100  
63 54.5 54.3 81.5  
154 58.4 48.4 72.6

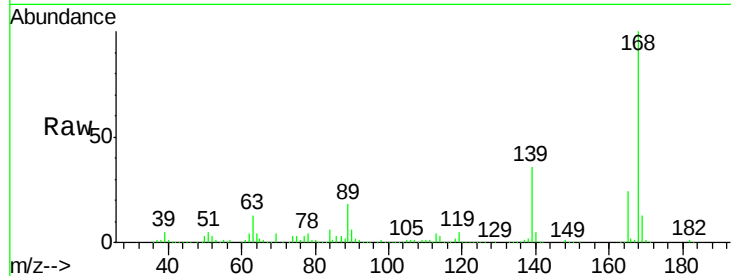




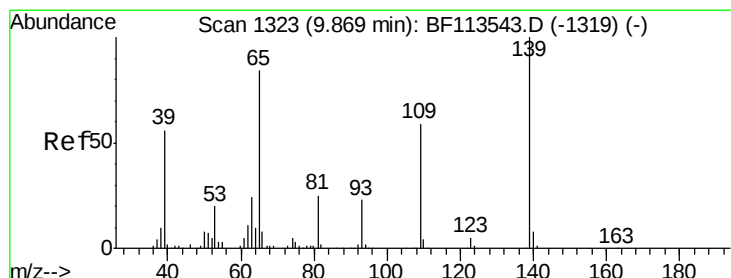
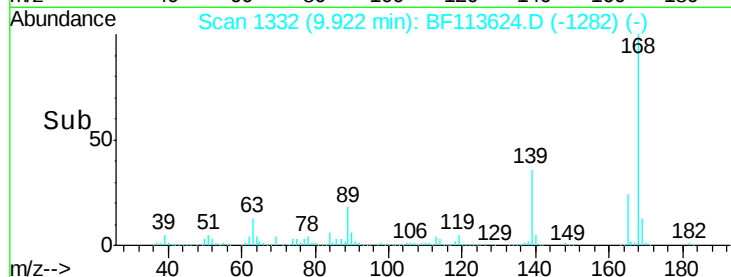
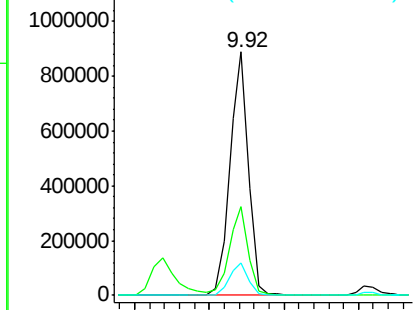
#55  
Dibenzenofuran  
Concen: 40.635 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 779589  
Ion Ratio Lower Upper  
168 100  
139 36.3 29.7 44.5  
169 13.5 10.7 16.1

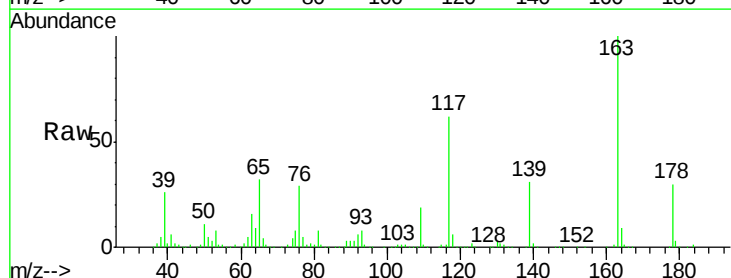


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

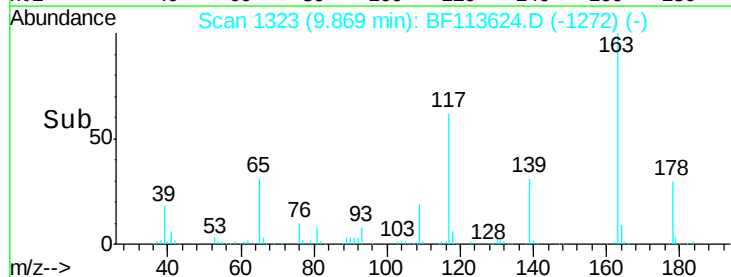
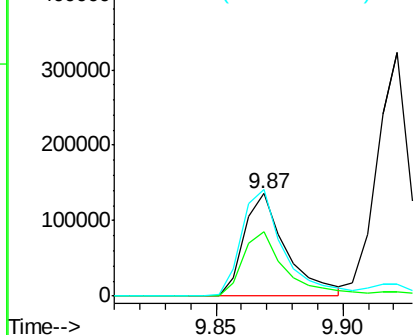


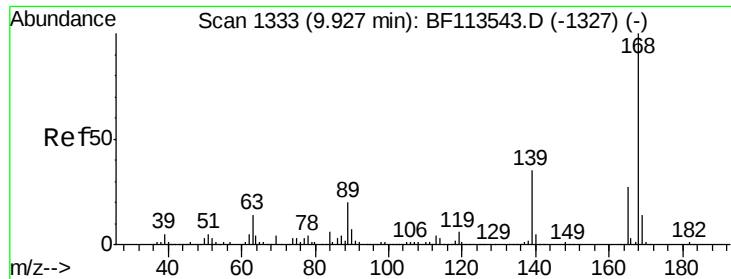
#56  
4-Nitrophenol  
Concen: 60.981 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. -0.00 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Tgt Ion:139 Resp: 157158  
Ion Ratio Lower Upper  
139 100  
109 62.9 46.9 86.9  
65 104.5 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

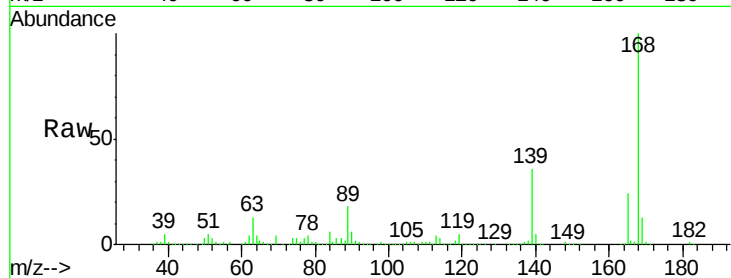




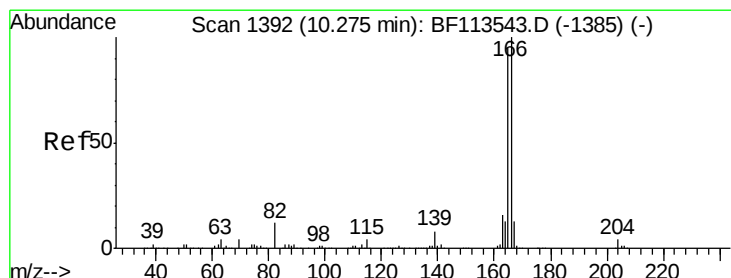
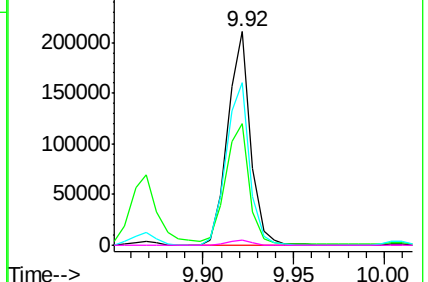
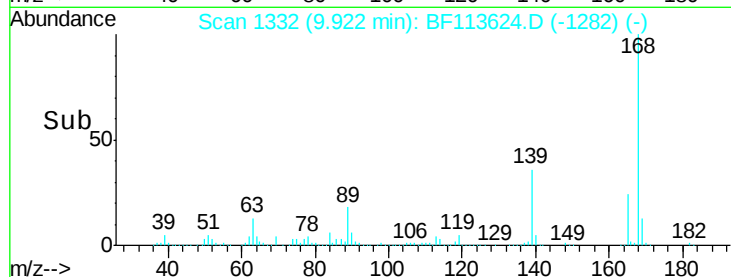
#57  
 2,4-Dinitrotoluene  
 Concen: 41.646 ng  
 RT: 9.92 min Scan# 1332  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:165 Resp: 184051  
 Ion Ratio Lower Upper  
 165 100  
 63 56.7 37.5 56.3#  
 89 76.0 57.4 86.2  
 182 2.5 2.0 3.0

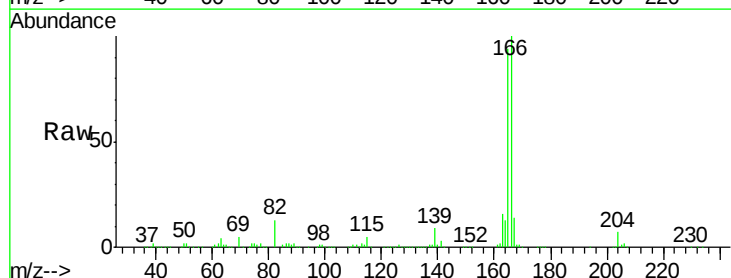


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1  
 Ion 182.00 (181.70 to 182.70): E

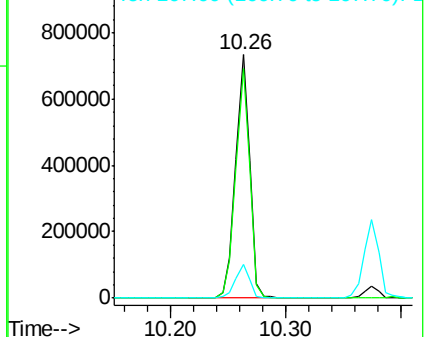
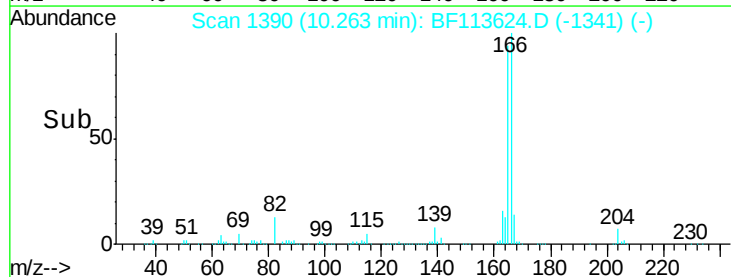


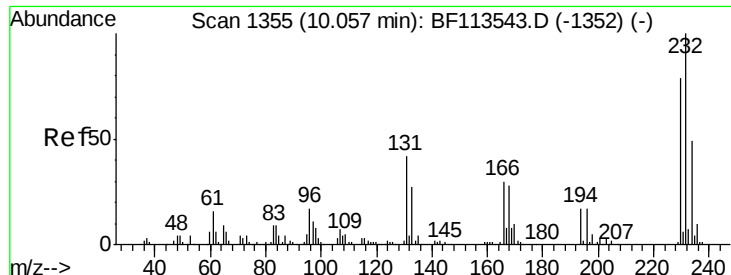
#58  
 Fluorene  
 Concen: 41.079 ng  
 RT: 10.26 min Scan# 1390  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion:166 Resp: 623335  
 Ion Ratio Lower Upper  
 166 100  
 165 94.2 76.2 114.2  
 167 14.0 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

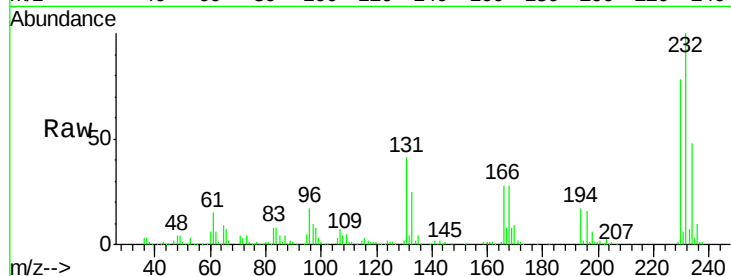




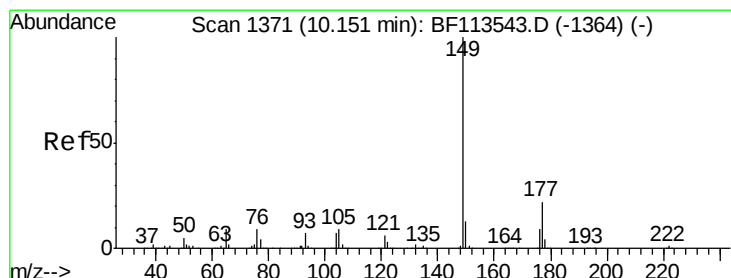
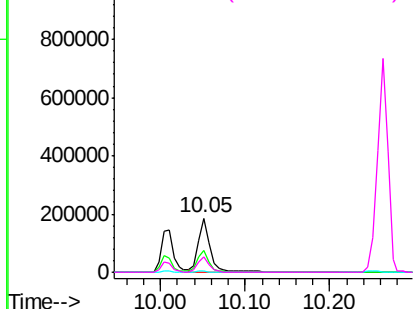
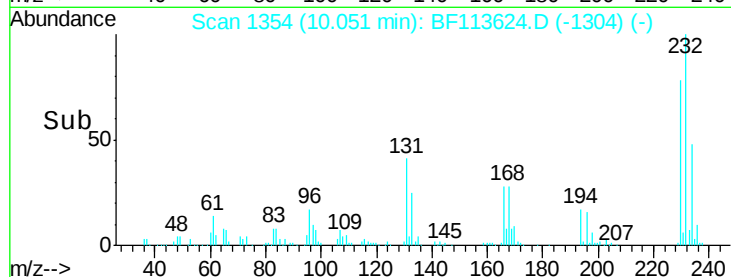
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.535 ng  
 RT: 10.05 min Scan# 1354  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:232 Resp: 177203  
 Ion Ratio Lower Upper  
 232 100  
 131 39.0 33.2 49.8  
 130 1.8 1.6 2.4  
 166 26.5 21.0 31.6

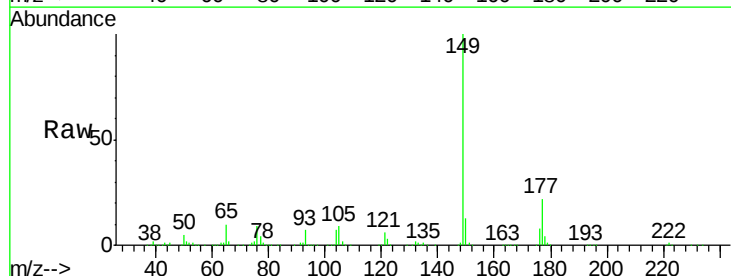


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

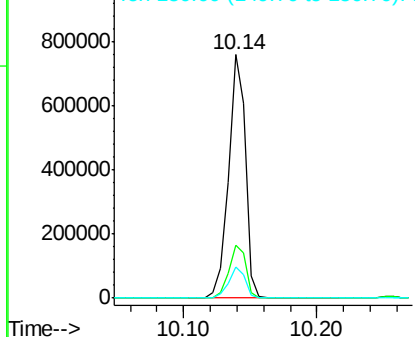
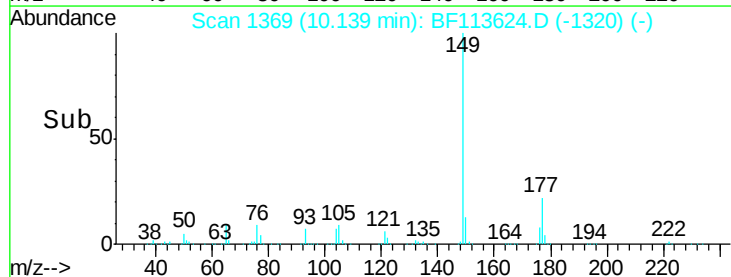


#60  
 Diethylphthalate  
 Concen: 42.360 ng  
 RT: 10.14 min Scan# 1369  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion:149 Resp: 677034  
 Ion Ratio Lower Upper  
 149 100  
 177 21.8 17.4 26.0  
 150 12.6 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E

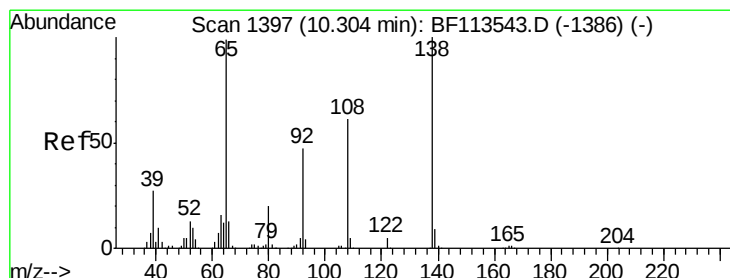
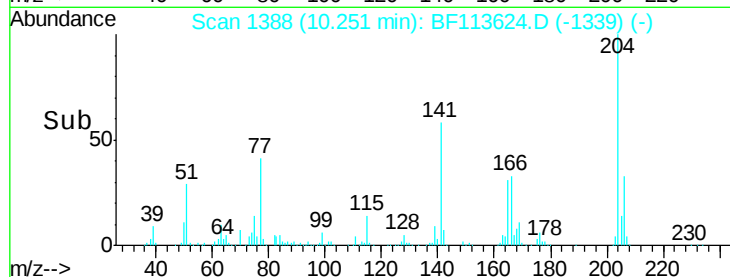
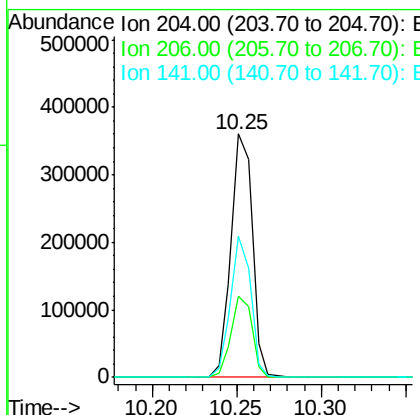
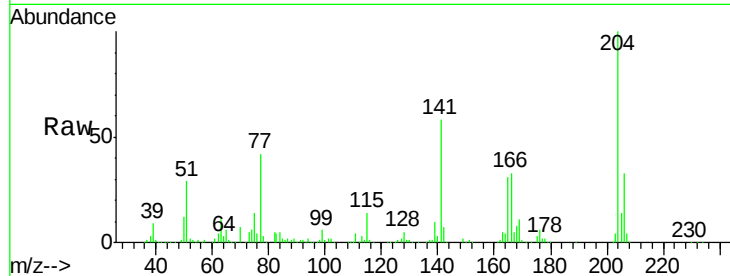




#61  
 4-Chlorophenyl-phenylether  
 Concen: 42.485 ng  
 RT: 10.25 min Scan# 1388  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

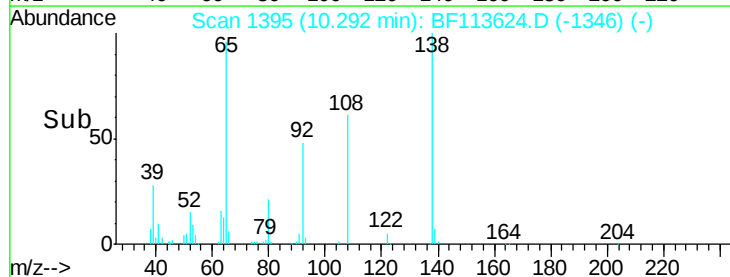
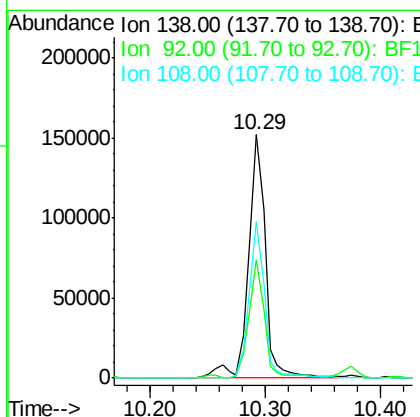
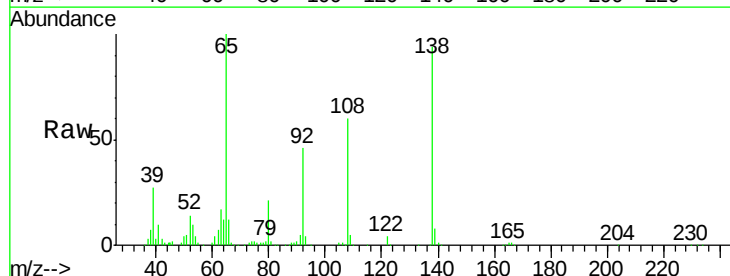
Instrument :  
 BNA\_F  
 ClientSampleId :

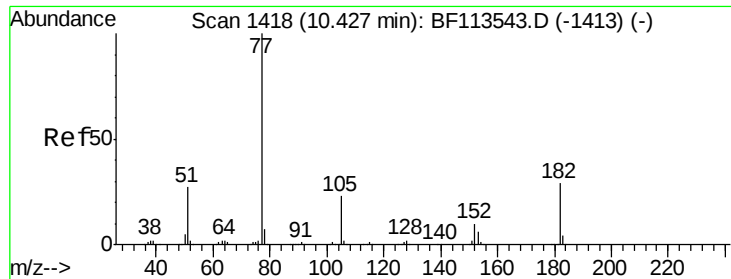
Tot Ion:204 Resp: 317093  
 Ion Ratio Lower Upper  
 204 100  
 206 33.1 26.9 40.3  
 141 58.0 48.8 73.2



#62  
 4-Nitroaniline  
 Concen: 36.758 ng  
 RT: 10.29 min Scan# 1395  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion:138 Resp: 155290  
 Ion Ratio Lower Upper  
 138 100  
 92 48.7 25.8 65.8  
 108 64.2 44.0 84.0

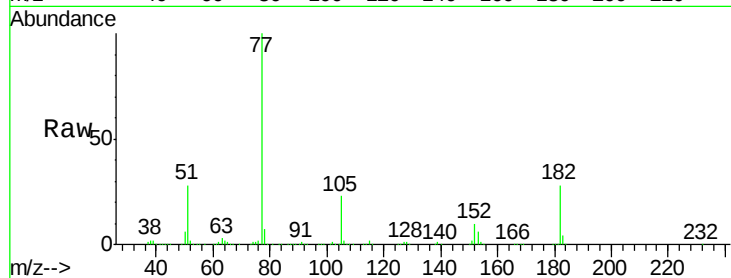




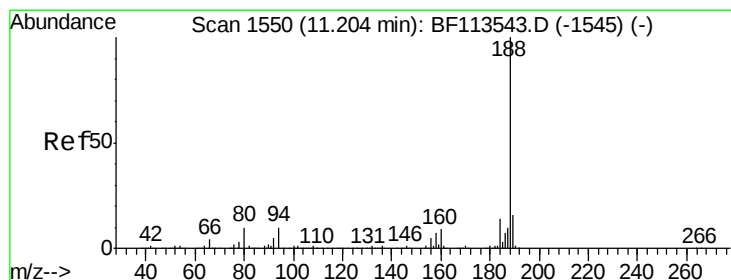
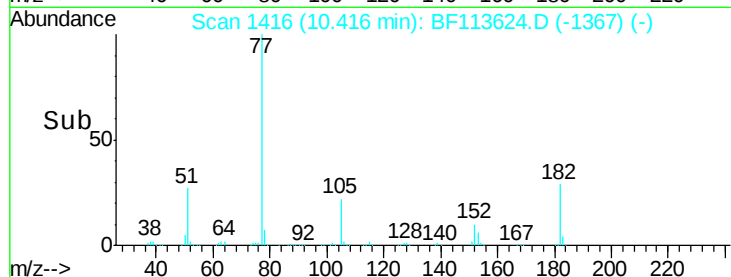
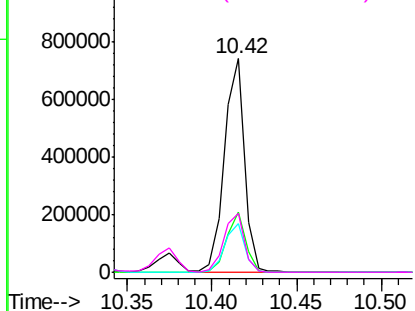
#63  
Azobenzene  
Concen: 40.262 ng  
RT: 10.42 min Scan# 1416  
Delta R.T. -0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 77 Resp: 609306  
Ion Ratio Lower Upper  
77 100  
182 28.4 8.7 48.7  
105 23.0 2.9 42.9  
51 27.7 8.8 48.8

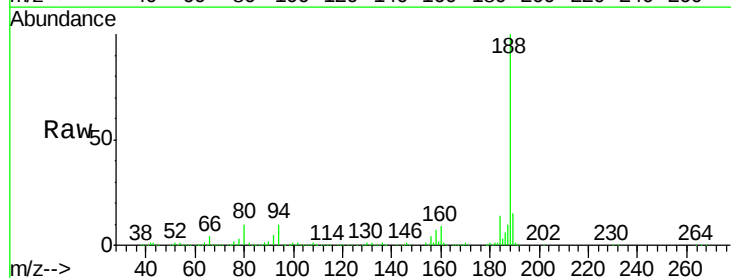


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

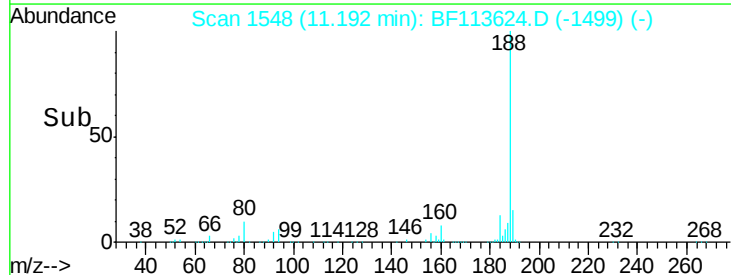
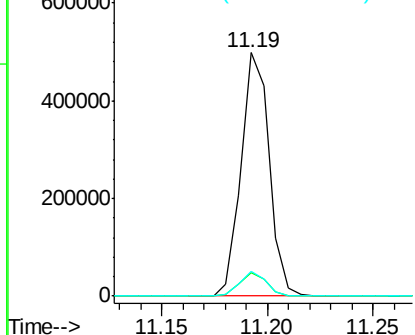


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.19 min Scan# 1548  
Delta R.T. -0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Tgt Ion: 188 Resp: 458684  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.0 10.6  
80 10.3 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: 21.615 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA\_F

ClientSampleId :

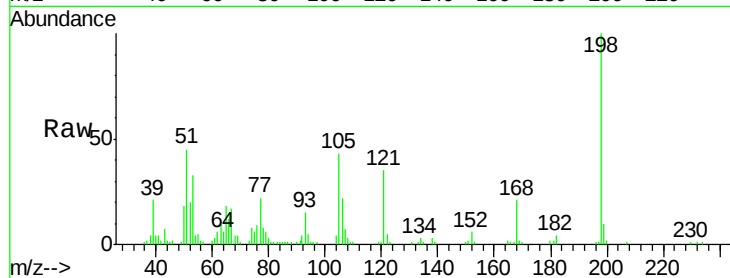
Tot Ion:198 Resp: 52195

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 45.4  | 21.6  | 61.6  |
| 105 | 42.9  | 20.6  | 60.6  |

198 100

51 45.4 21.6 61.6

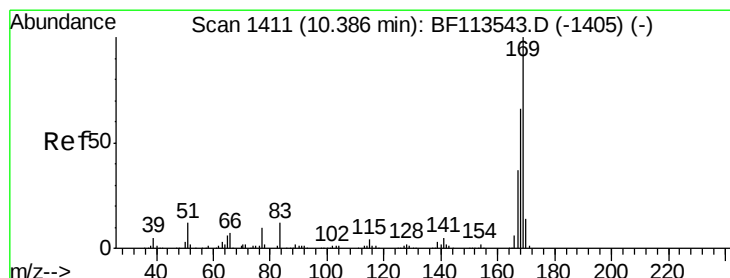
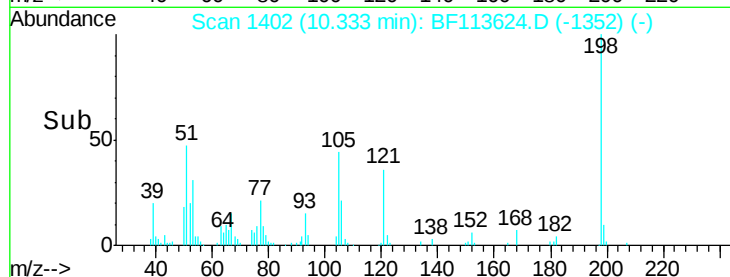
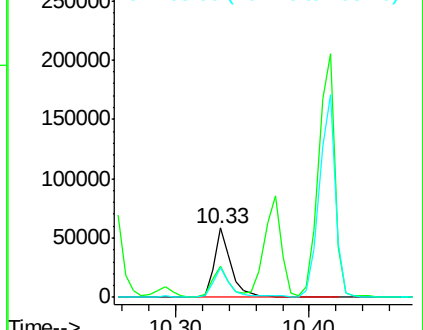
105 42.9 20.6 60.6



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: 40.588 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

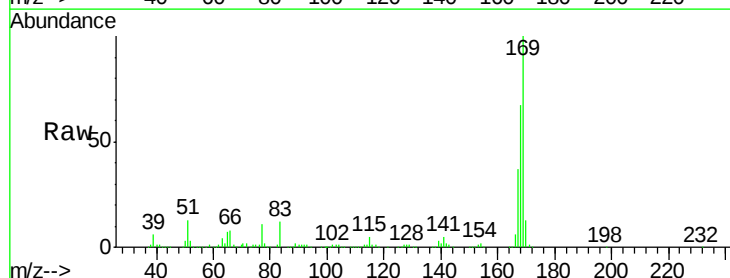
Tgt Ion:169 Resp: 571540

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 67.2  | 53.7  | 80.5  |
| 167 | 36.6  | 29.5  | 44.3  |

169 100

168 67.2 53.7 80.5

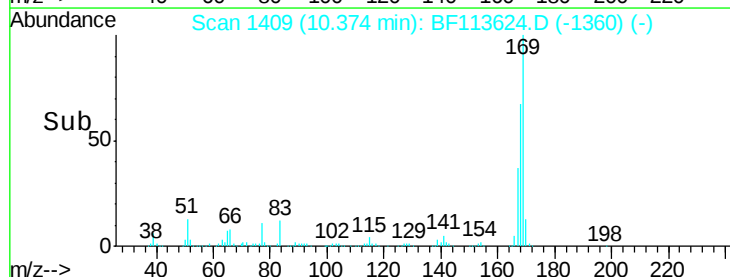
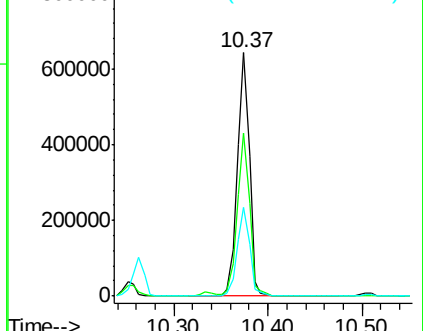
167 36.6 29.5 44.3

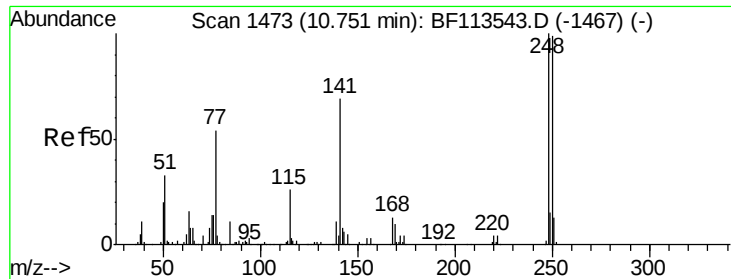


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

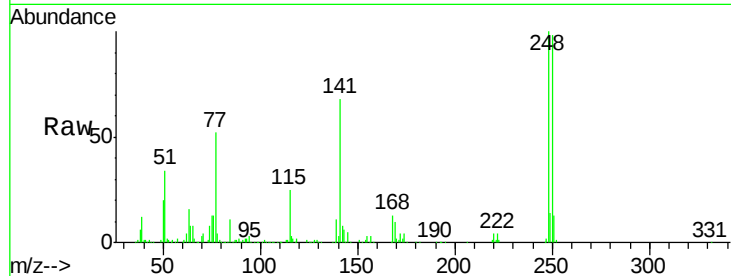




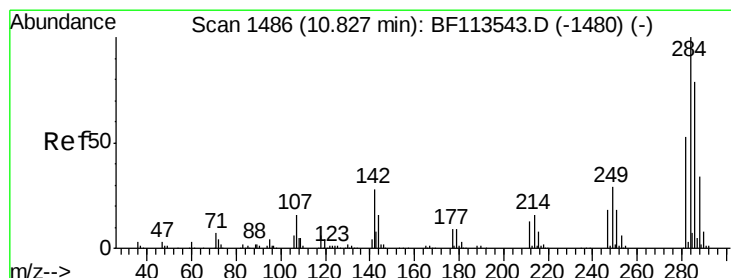
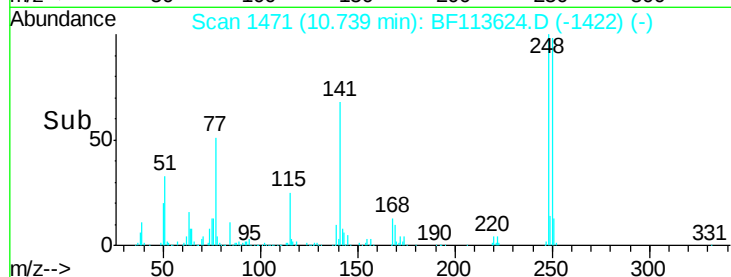
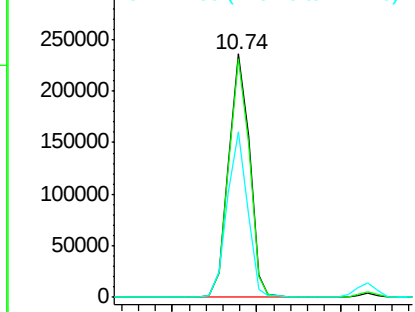
#67  
4-Bromophenyl-phenylether  
Concen: 39.513 ng  
RT: 10.74 min Scan# 1471  
Delta R.T. -0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 203266  
Ion Ratio Lower Upper  
248 100  
250 97.9 78.3 117.5  
141 67.8 56.2 84.4

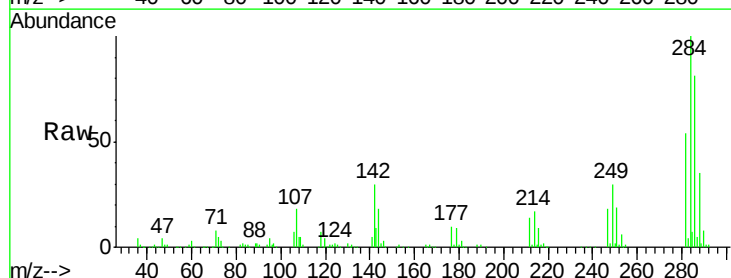


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

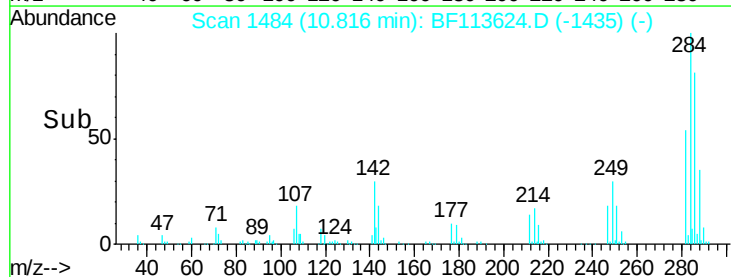
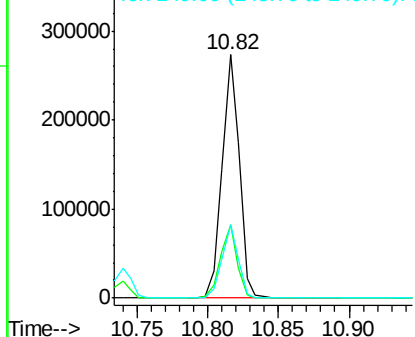


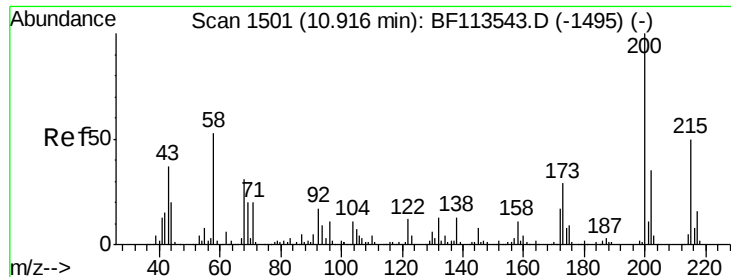
#68  
Hexachlorobenzene  
Concen: 39.237 ng  
RT: 10.82 min Scan# 1484  
Delta R.T. -0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Tgt Ion:284 Resp: 231280  
Ion Ratio Lower Upper  
284 100  
142 30.4 20.1 30.1#  
249 30.1 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

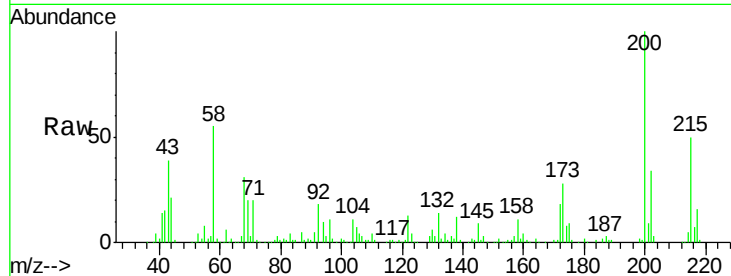




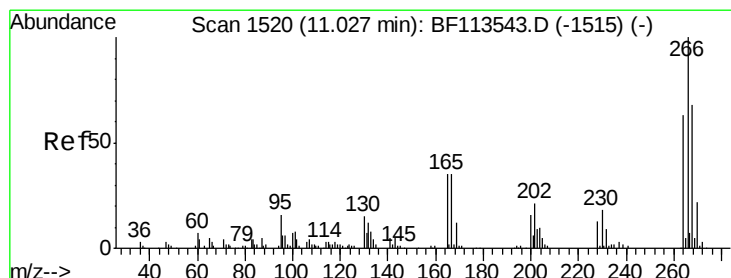
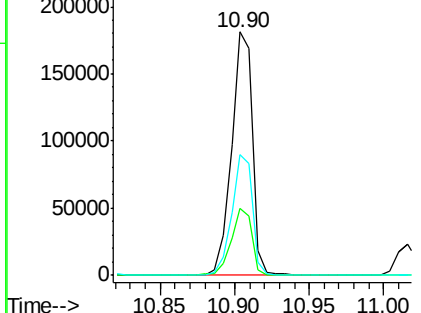
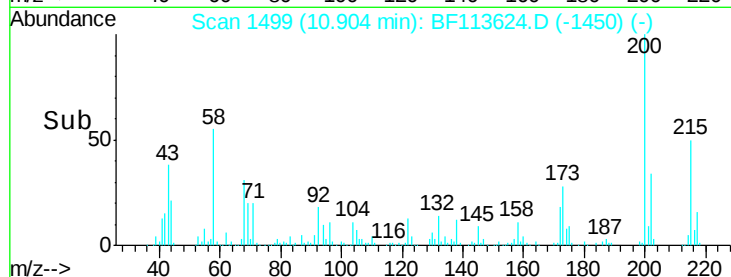
#69  
 Atrazine  
 Concen: 40.269 ng  
 RT: 10.90 min Scan# 1499  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:200 Resp: 178730  
 Ion Ratio Lower Upper  
 200 100  
 173 27.7 6.0 46.0  
 215 49.6 31.3 71.3

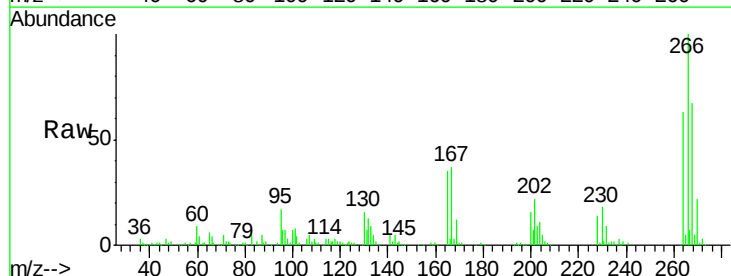


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

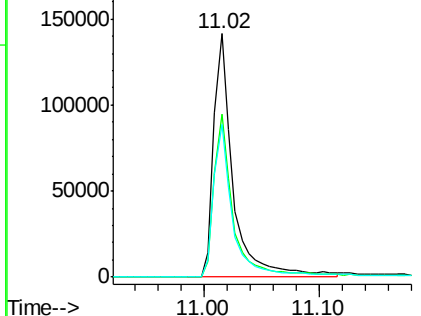
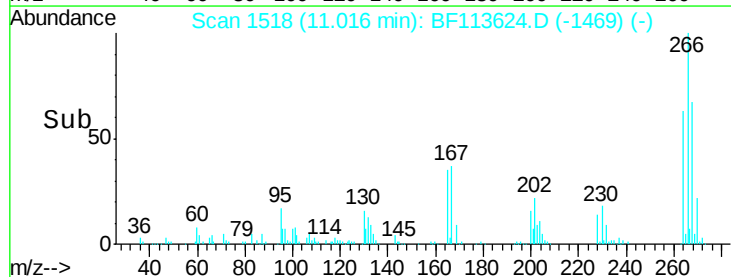


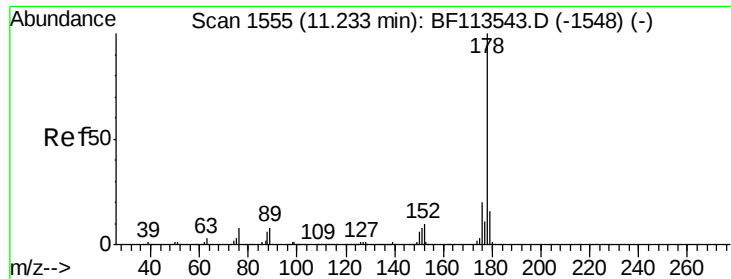
#70  
 Pentachlorophenol  
 Concen: 59.489 ng  
 RT: 11.02 min Scan# 1518  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion:266 Resp: 165234  
 Ion Ratio Lower Upper  
 266 100  
 268 66.8 53.8 80.6  
 264 62.5 49.2 73.8



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





#71

Phenanthrene

Concen: 40.610 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA\_F

ClientSampled :

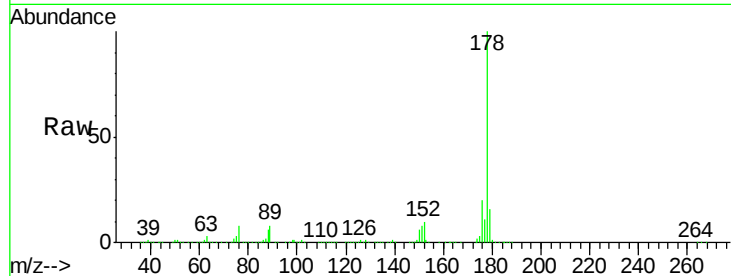
Tot Ion:178 Resp: 925601

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.2

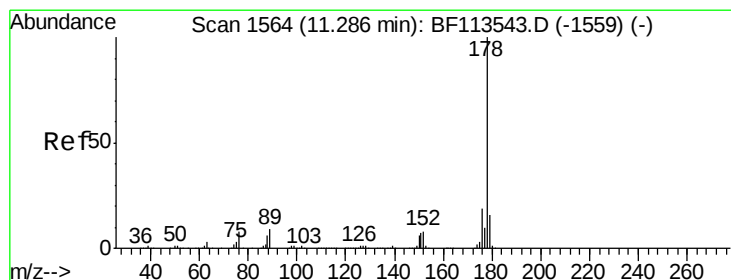
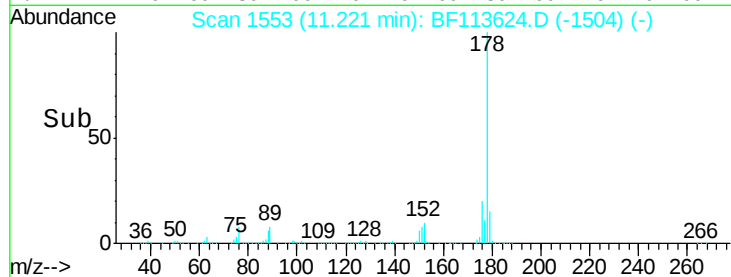
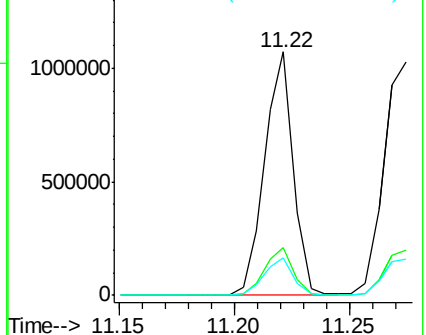
179 15.6 12.7 19.1



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: 41.383 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

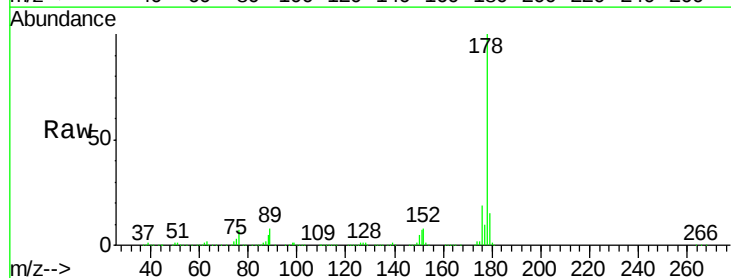
Tgt Ion:178 Resp: 959658

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

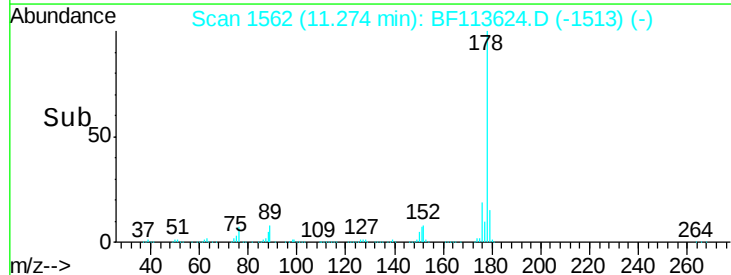
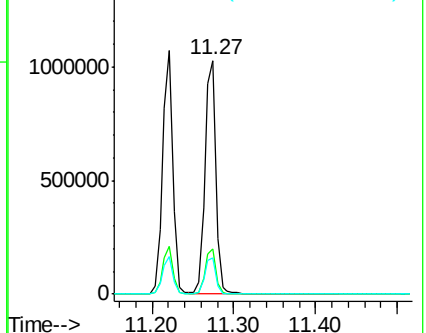
179 15.3 12.8 19.2

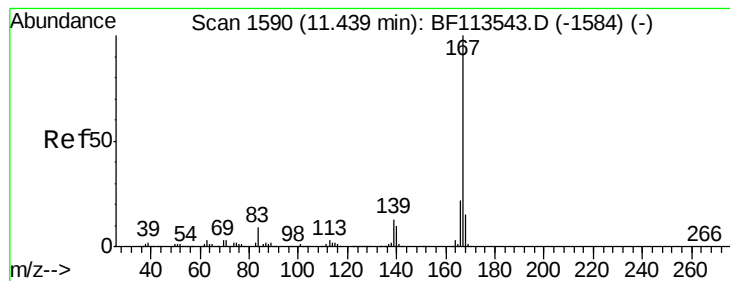


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.974 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA\_F

ClientSampleId :

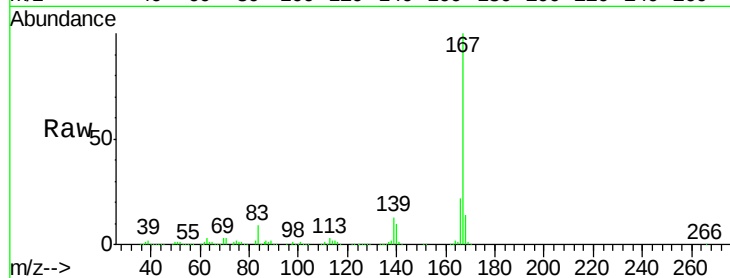
Tot Ion:167 Resp: 888673

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

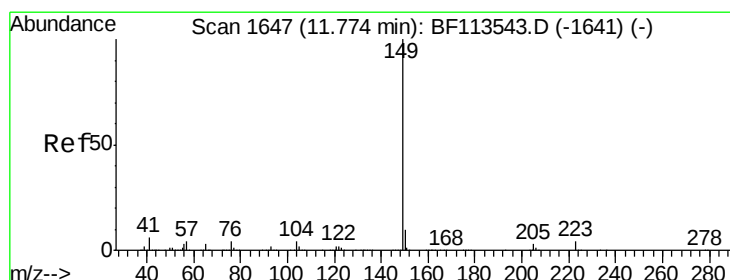
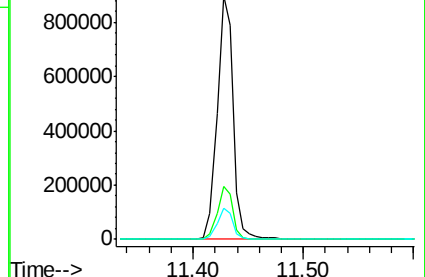
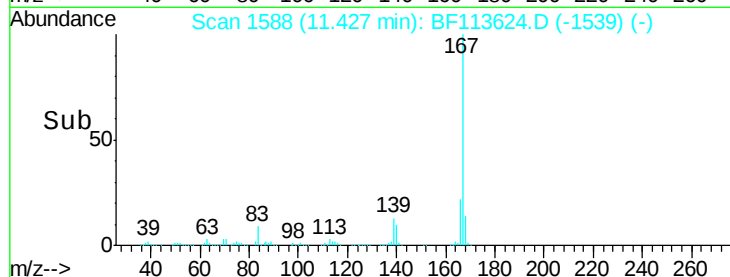
139 12.7 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.970 ng

RT: 11.76 min Scan# 1644

Delta R.T. -0.02 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

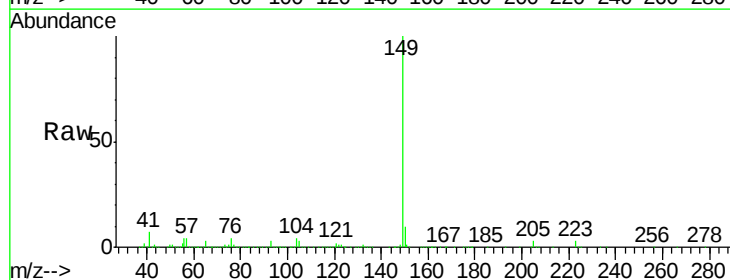
Tgt Ion:149 Resp: 1082855

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

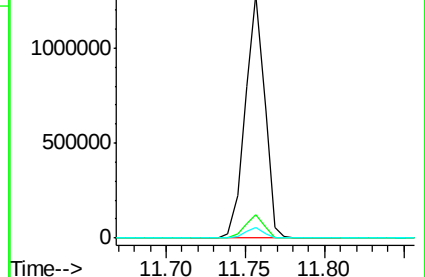
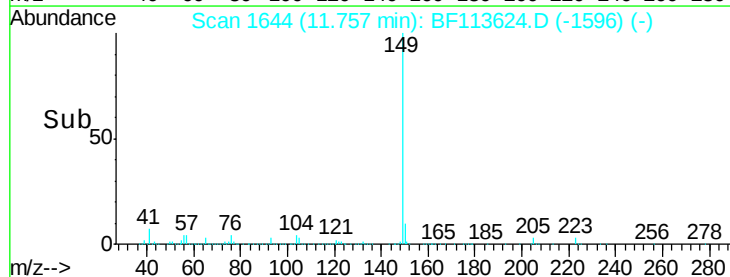
104 4.4 3.7 5.5

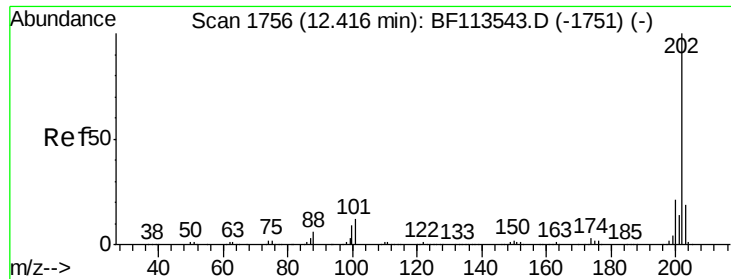


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

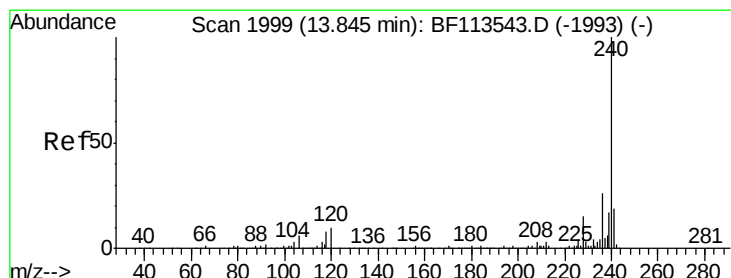
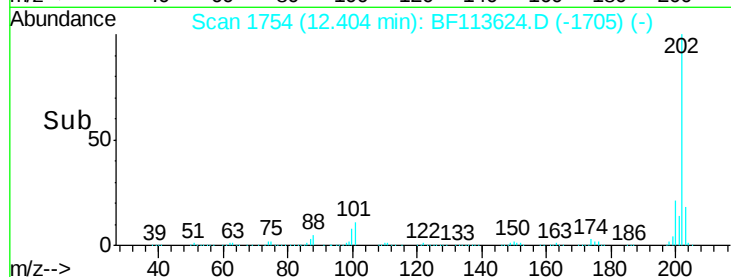
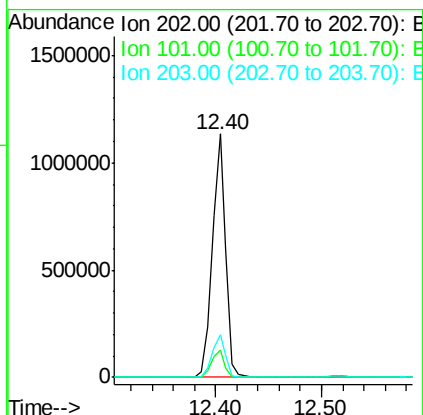
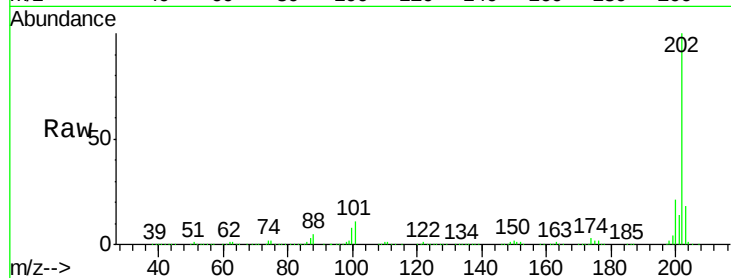




#75  
 Fluoranthene  
 Concen: 41.248 ng  
 RT: 12.40 min Scan# 1754  
 Delta R.T. -0.01 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

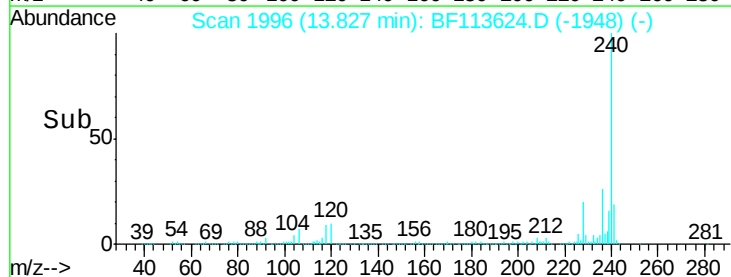
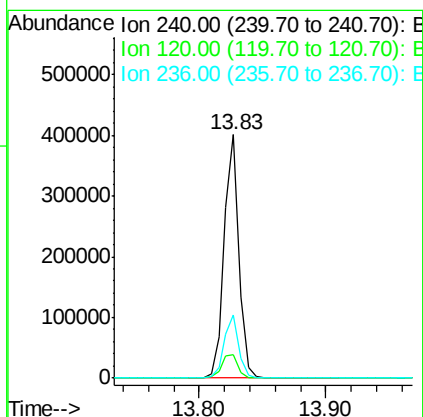
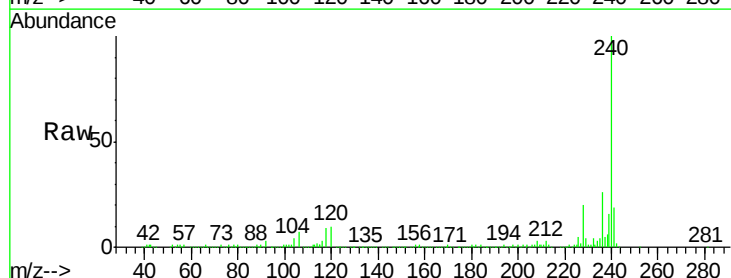
Instrument :  
 BNA\_F  
 ClientSampleId :

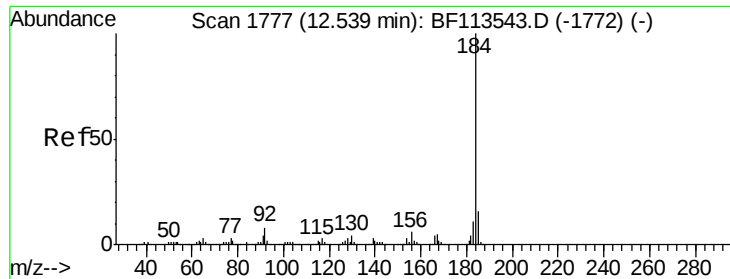
Tot Ion:202 Resp: 1007431  
 Ion Ratio Lower Upper  
 202 100  
 101 11.2 0.0 31.4  
 203 17.7 0.0 38.0



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.83 min Scan# 1996  
 Delta R.T. -0.02 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion:240 Resp: 324212  
 Ion Ratio Lower Upper  
 240 100  
 120 9.7 8.8 13.2  
 236 25.9 20.9 31.3

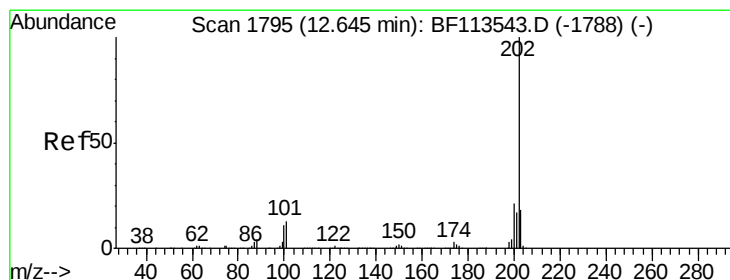
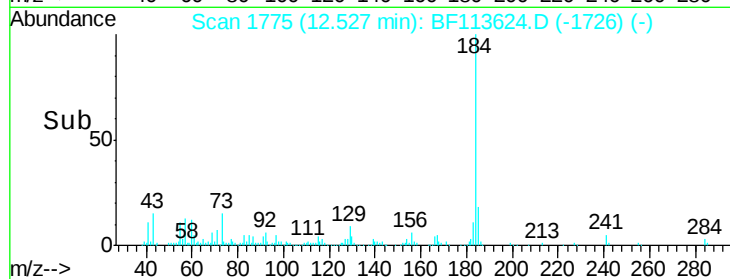
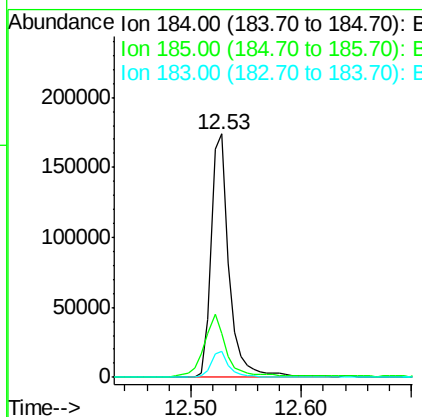
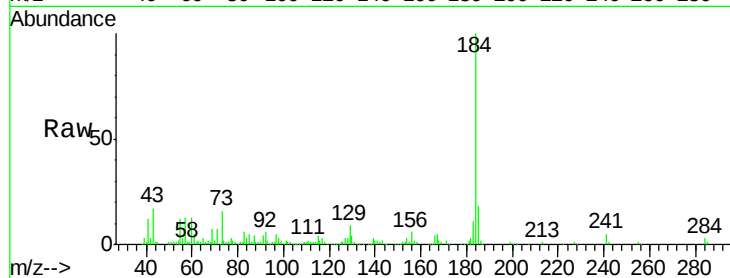




#77  
Benzidine  
Concen: 16.041 ng  
RT: 12.53 min Scan# 1775  
Delta R.T. -0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

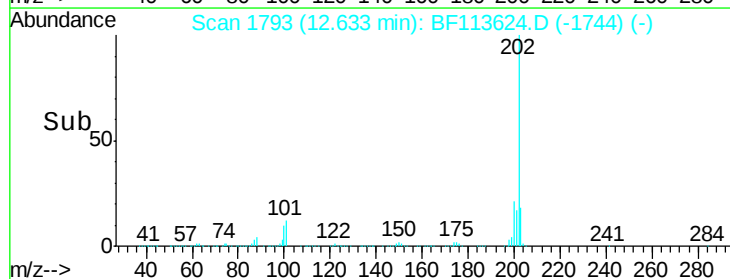
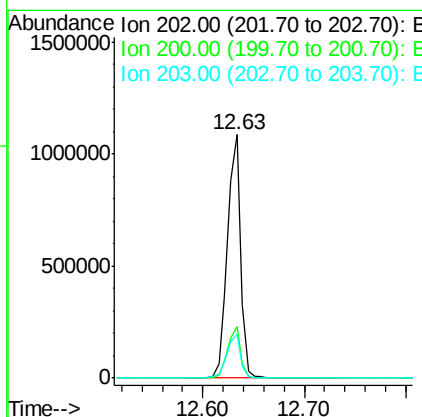
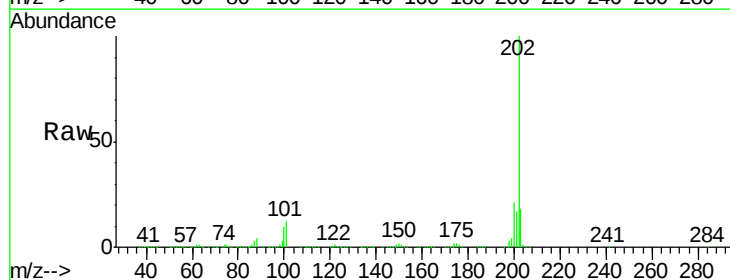
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:184 Resp: 193398  
Ion Ratio Lower Upper  
184 100  
185 18.2 13.0 19.6  
183 10.9 9.0 13.4



#78  
Pyrene  
Concen: 40.018 ng  
RT: 12.63 min Scan# 1793  
Delta R.T. -0.01 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Tgt Ion:202 Resp: 987201  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.8 25.2  
203 18.3 14.4 21.6





#79

Terphenyl-d14

Concen: 85.567 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA\_F

ClientSampleId :

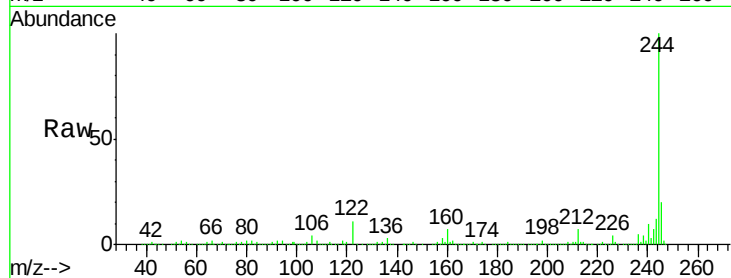
Tot Ion:244 Resp: 1362558

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

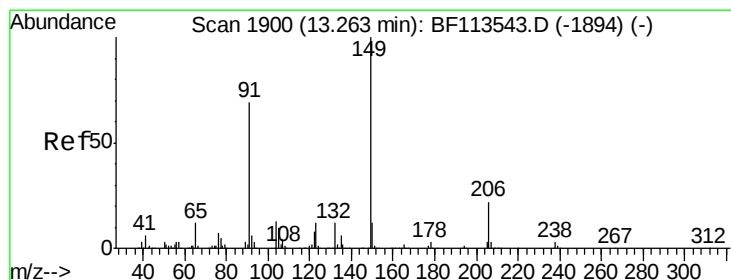
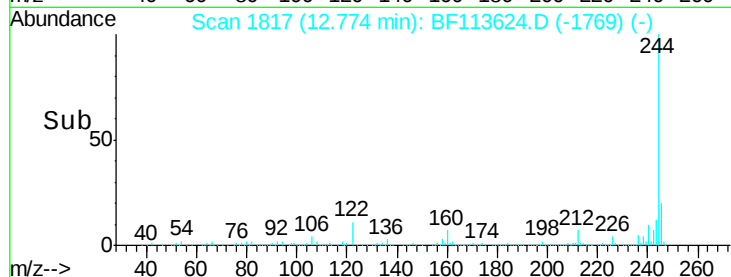
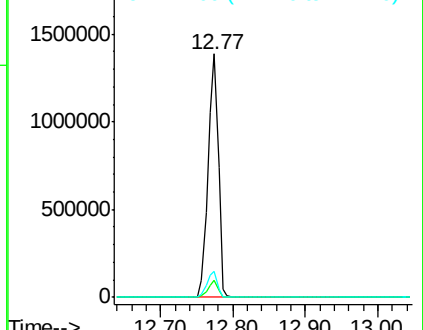
122 10.7 8.6 13.0



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: 43.661 ng

RT: 13.24 min Scan# 1897

Delta R.T. -0.02 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

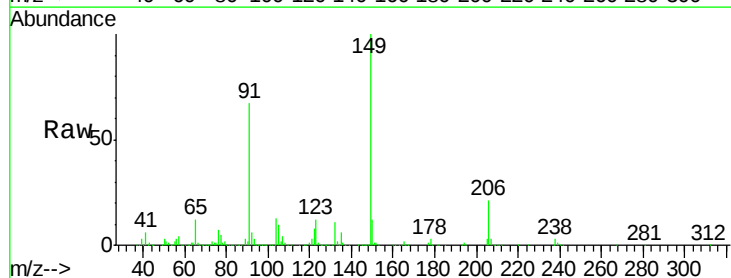
Tgt Ion:149 Resp: 438430

Ion Ratio Lower Upper

149 100

91 66.9 55.2 82.8

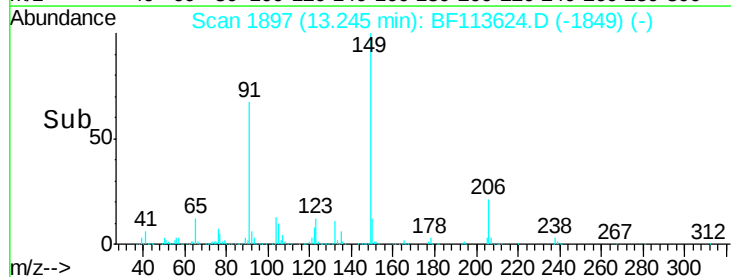
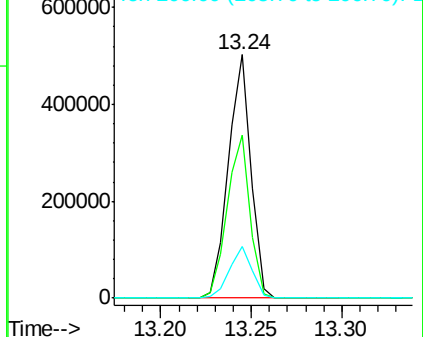
206 21.3 16.1 24.1



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: 39.282 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Instrument :

BNA\_F

ClientSampled :

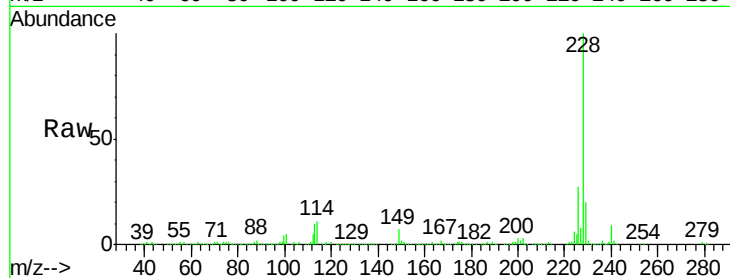
Tot Ion:228 Resp: 734668

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.8

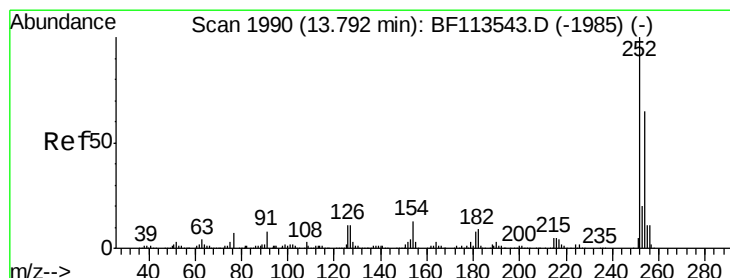
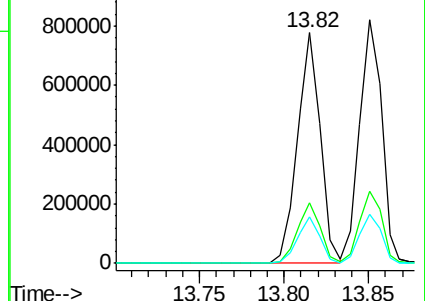
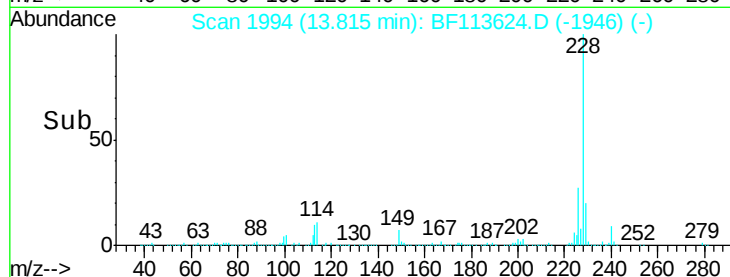
229 20.5 16.2 24.4



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: 6.046 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

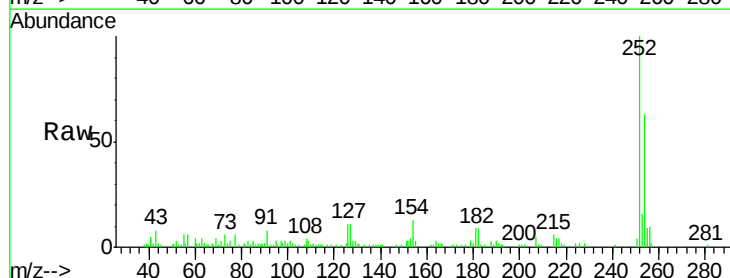
Tgt Ion:252 Resp: 43550

Ion Ratio Lower Upper

252 100

254 62.6 52.2 78.2

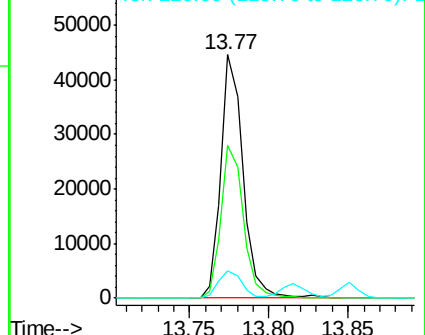
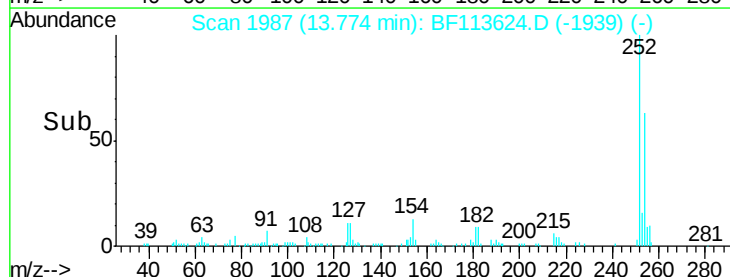
126 11.2 8.5 12.7

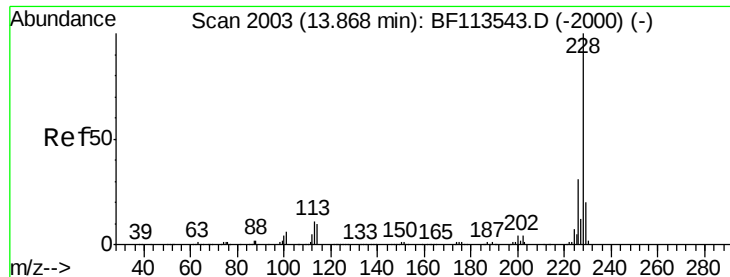


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

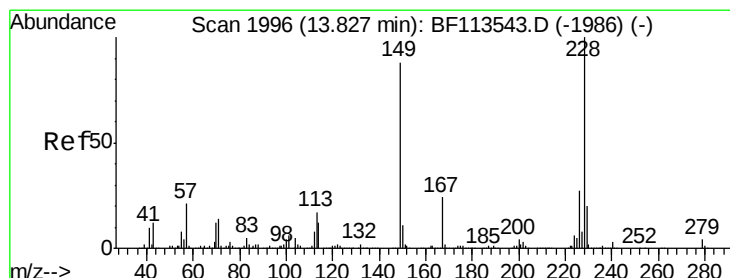
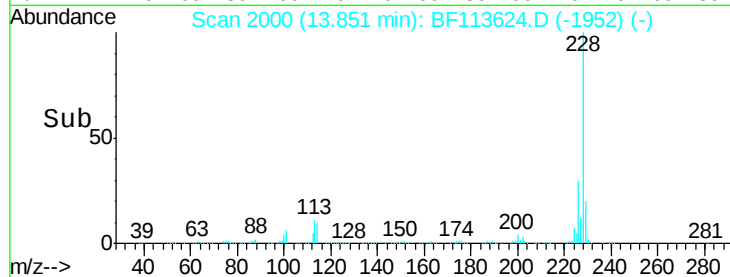
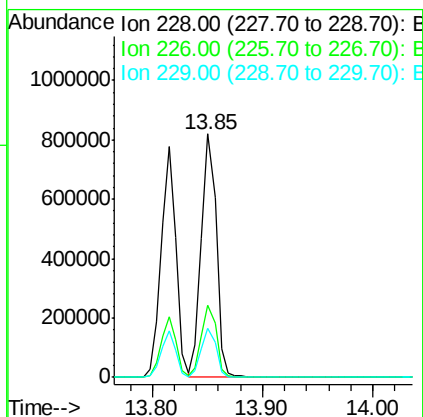
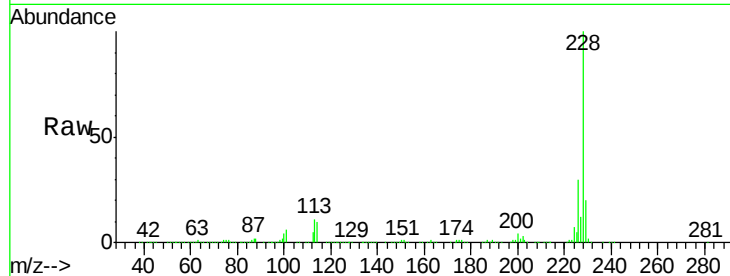




#83  
 Chrysene  
 Concen: 39.675 ng  
 RT: 13.85 min Scan# 2000  
 Delta R.T. -0.02 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

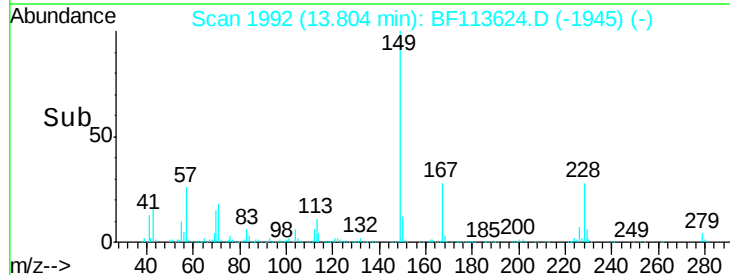
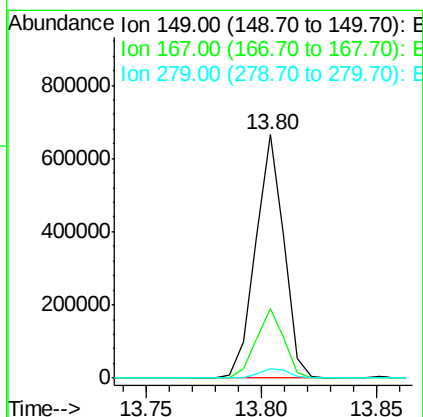
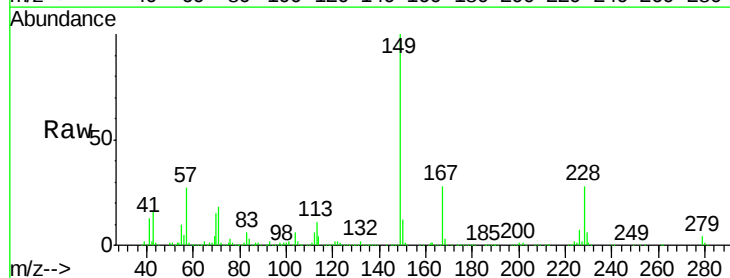
Instrument :  
 BNA\_F  
 ClientSampleId :

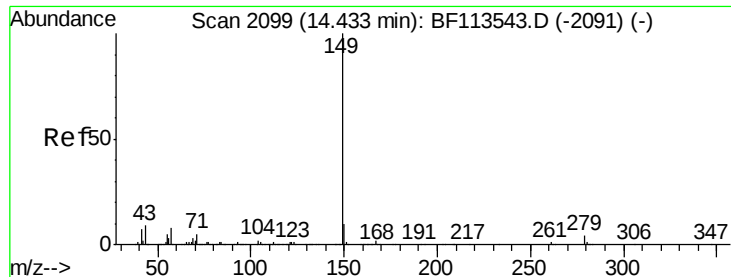
Tot Ion:228 Resp: 752199  
 Ion Ratio Lower Upper  
 228 100  
 226 29.8 24.3 36.5  
 229 20.0 16.3 24.5



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.710 ng  
 RT: 13.80 min Scan# 1992  
 Delta R.T. -0.02 min  
 Lab File: BF113624.D  
 Acq: 5 Apr 2019 19:31

Tgt Ion:149 Resp: 567109  
 Ion Ratio Lower Upper  
 149 100  
 167 28.5 21.8 32.8  
 279 4.1 2.9 4.3

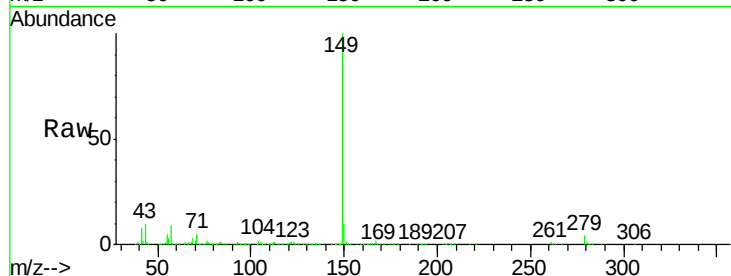




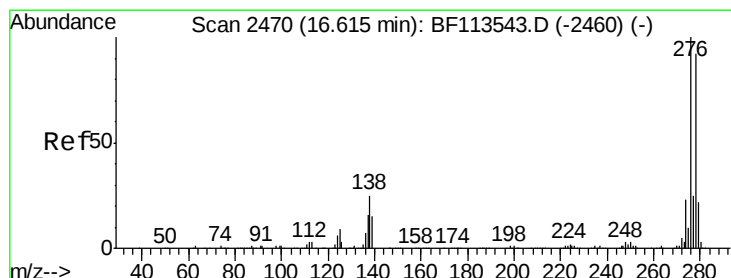
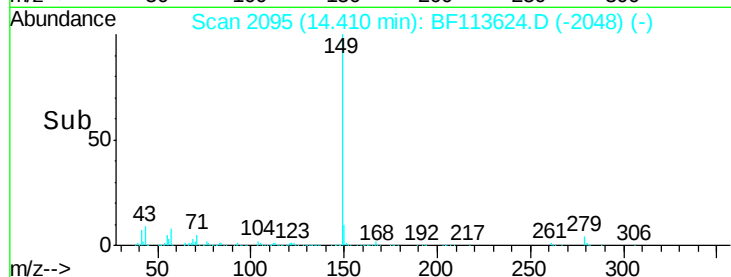
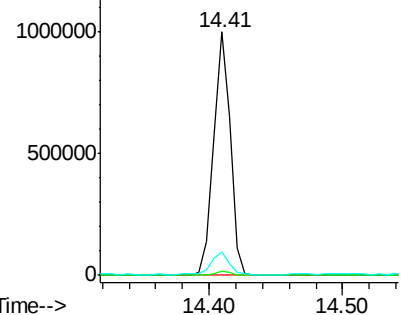
#85  
Di-n-octyl phthalate  
Concen: 44.958 ng  
RT: 14.41 min Scan# 2095  
Delta R.T. -0.02 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 9.3   | 7.7   | 11.5  |

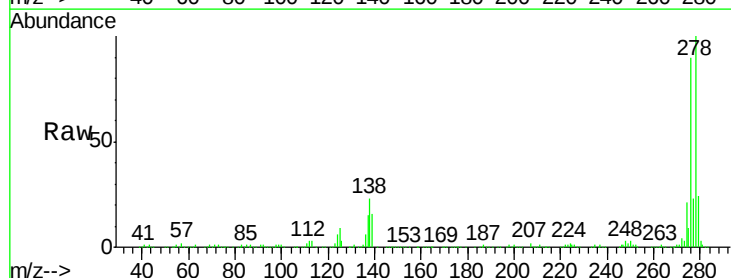


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

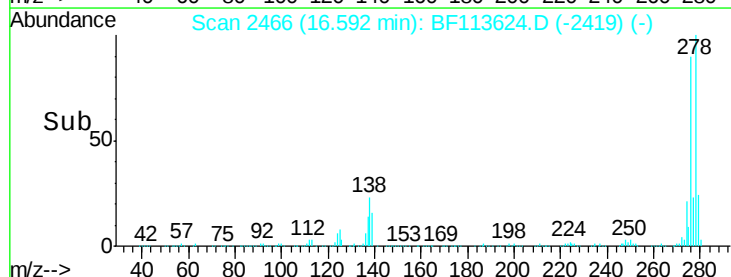
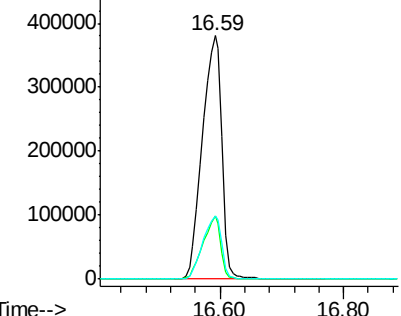


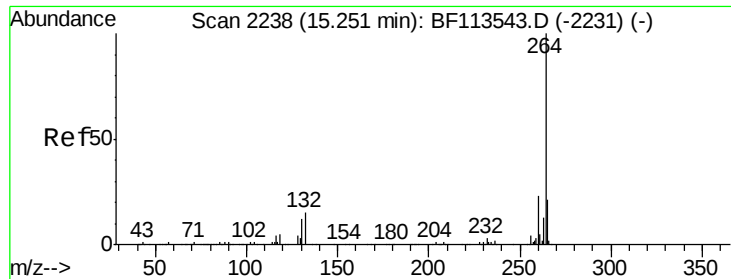
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 47.848 ng  
RT: 16.59 min Scan# 2466  
Delta R.T. -0.02 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.7  | 18.1  | 27.1  |
| 277     | 25.3  | 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: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

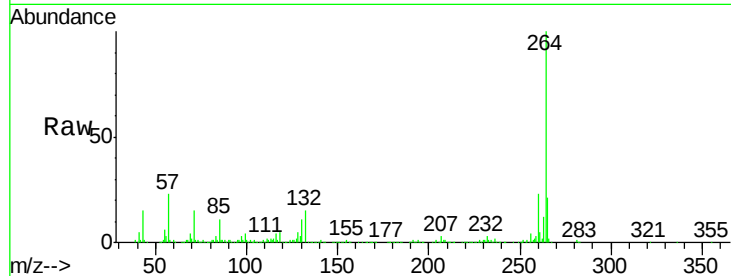
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:264 Resp: 299807

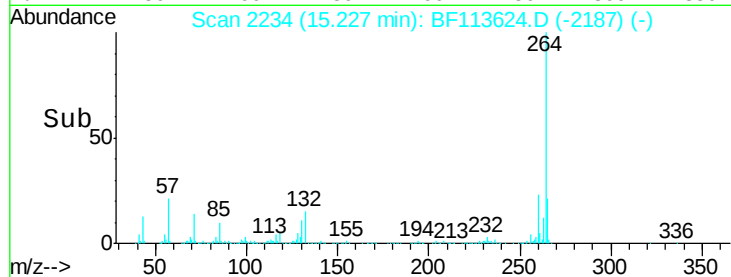
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.1  | 19.1  | 28.7  |
| 265 | 20.6  | 17.1  | 25.7  |



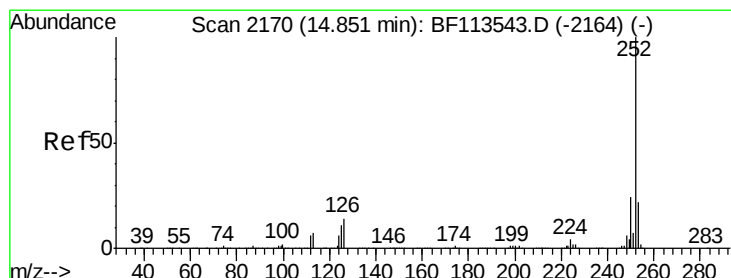
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 38.386 ng

RT: 14.83 min Scan# 2167

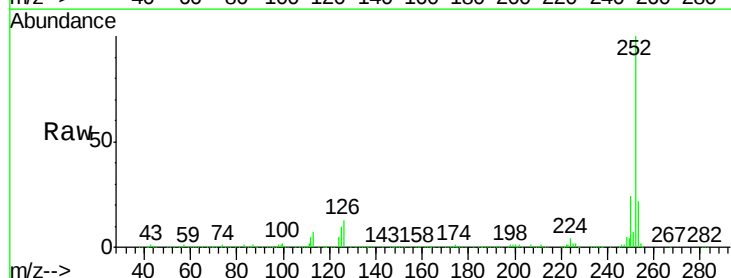
Delta R.T. -0.02 min

Lab File: BF113624.D

Acq: 5 Apr 2019 19:31

Tgt Ion:252 Resp: 704448

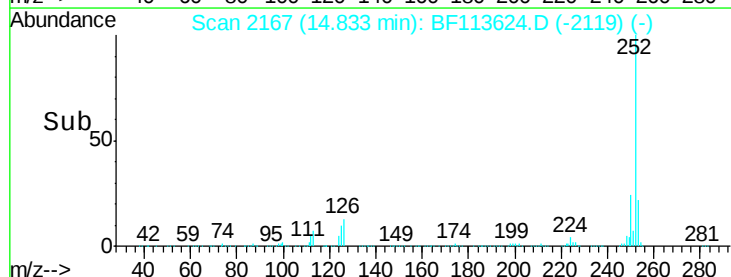
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 18.0  | 27.0  |
| 125 | 10.0  | 7.6   | 11.4  |



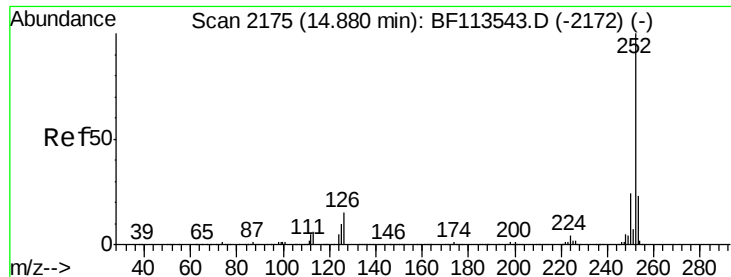
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



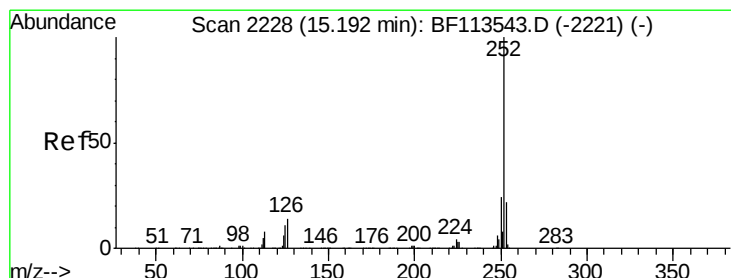
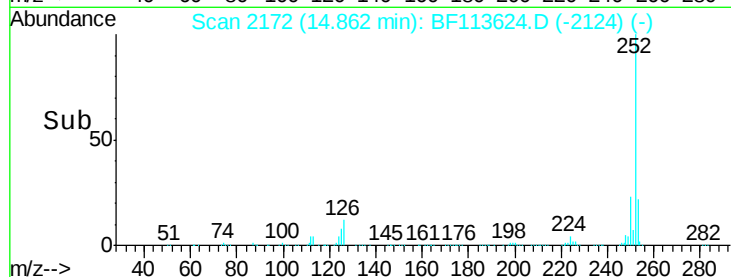
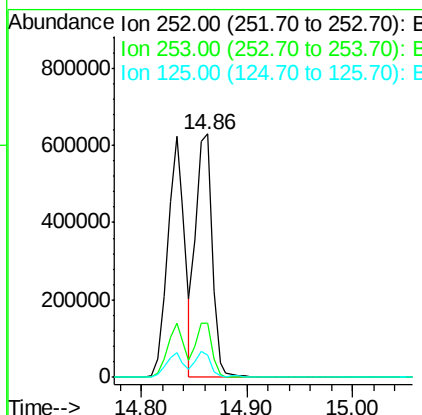
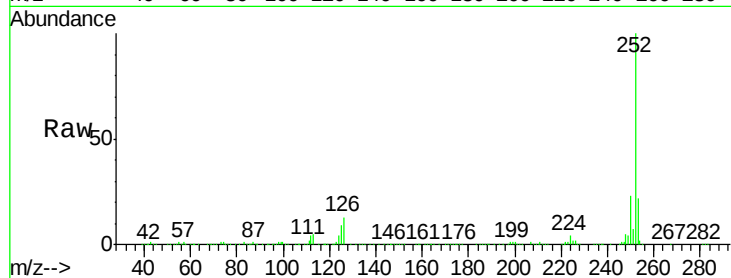
Time-->



#89  
Benzo(k)fluoranthene  
Concen: 40.561 ng  
RT: 14.86 min Scan# 2172  
Delta R.T. -0.02 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

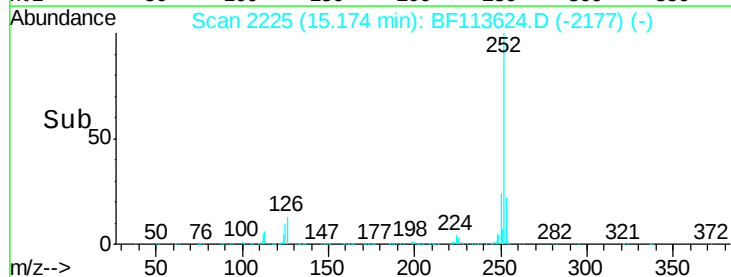
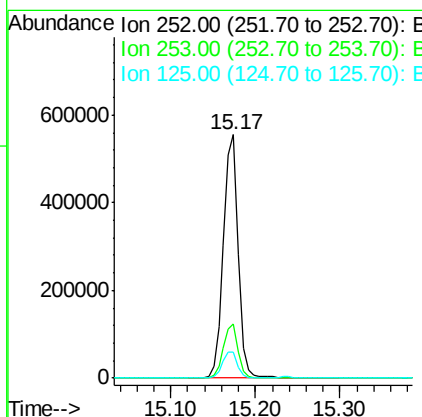
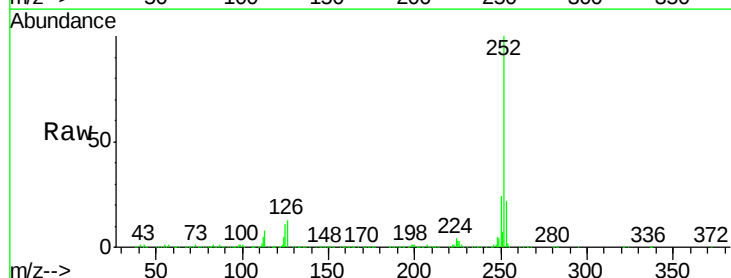
Instrument :  
BNA\_F  
ClientSampleId :

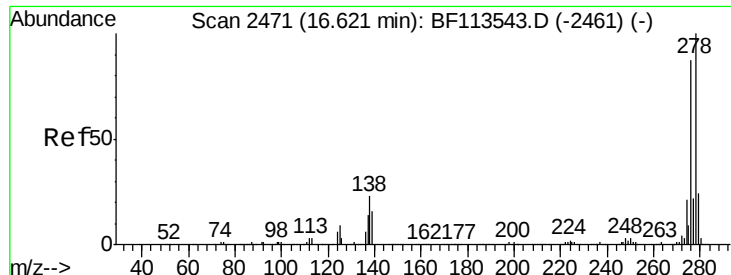
Tot Ion:252 Resp: 668051  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.7 26.5  
125 8.9 7.3 10.9



#90  
Benzo(a)pyrene  
Concen: 41.397 ng  
RT: 15.17 min Scan# 2225  
Delta R.T. -0.02 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Tgt Ion:252 Resp: 675080  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.9 26.9  
125 10.6 8.8 13.2



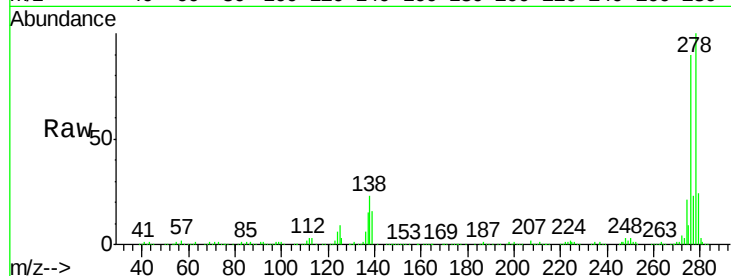


#91  
Dibenzo(a,h)anthracene  
Concen: 46.382 ng  
RT: 16.59 min Scan# 2466  
Delta R.T. -0.03 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

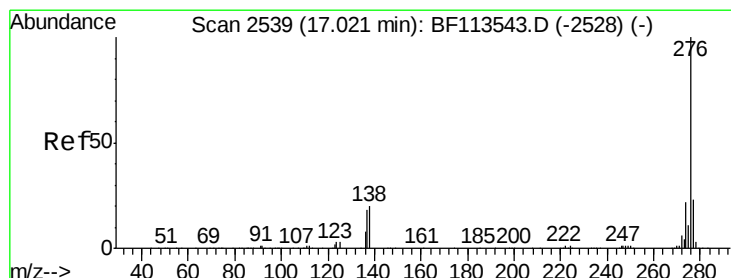
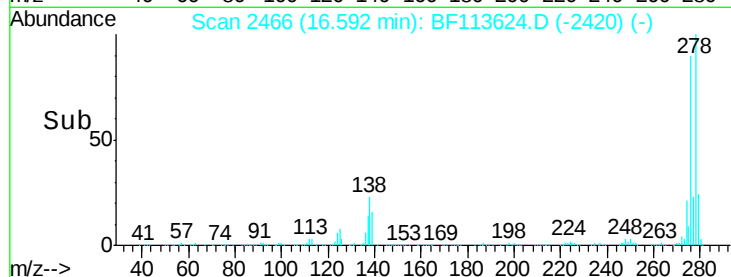
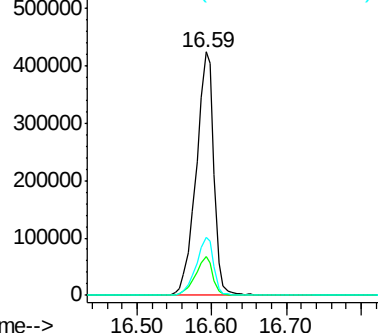
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 707328  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.9  | 12.0  | 18.0  |
| 279 | 23.6  | 19.0  | 28.6  |



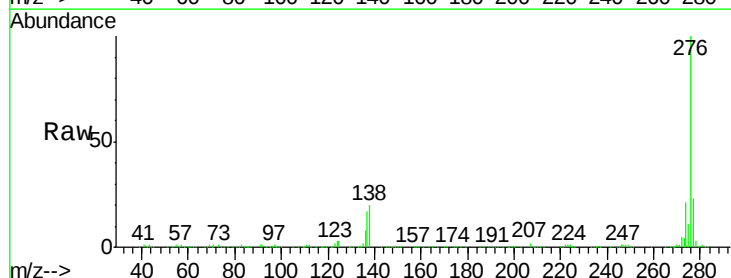
Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 46.921 ng  
RT: 16.99 min Scan# 2534  
Delta R.T. -0.03 min  
Lab File: BF113624.D  
Acq: 5 Apr 2019 19:31

Tgt Ion:276 Resp: 730347  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.1  | 18.8  | 28.2  |
| 138 | 20.0  | 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

