

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040819\  
 Data File : BF113642.D  
 Acq On : 8 Apr 2019 16:22  
 Operator : JU/SJ  
 Sample : PB118680BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 08 16:49:21 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  | 150329   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.97  | 136  | 583323   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.72  | 164  | 285318   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.20 | 188  | 577237   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.84 | 240  | 389586   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.24 | 264  | 316756   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.32  | 112 | 1077137 | 122.18 | ng | 0.02  |
| 7) Phenol-d6             | 6.35  | 99  | 1311671 | 120.72 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.25  | 82  | 870342  | 87.40  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.52 | 330 | 435508  | 127.07 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.05  | 172 | 1568362 | 88.49  | ng | 0.00  |
| 79) Terphenyl-d14        | 12.78 | 244 | 1703134 | 89.01  | ng | -0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.42 | 88  | 134783  | 32.281 | ng | 97     |
| 3) Pyridine                    | 3.15 | 79  | 319725  | 29.260 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.06 | 42  | 174072  | 37.494 | ng | 93     |
| 6) Aniline                     | 6.35 | 93  | 415269  | 31.531 | ng | # 91   |
| 8) 2-Chlorophenol              | 6.48 | 128 | 405088  | 39.716 | ng | 93     |
| 9) Benzaldehyde                | 6.23 | 77  | 190449  | 29.479 | ng | 99     |
| 10) Phenol                     | 6.36 | 94  | 483130  | 38.932 | ng | 83     |
| 11) bis(2-Chloroethyl)ether    | 6.43 | 93  | 384226  | 39.803 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.62 | 146 | 420450  | 38.278 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.70 | 146 | 431293  | 38.855 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.85 | 146 | 396254  | 39.549 | ng | 100    |
| 15) Benzyl Alcohol             | 6.84 | 79  | 277760  | 37.807 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.96 | 45  | 584317  | 38.888 | ng | 55     |
| 17) 2-Methylphenol             | 6.96 | 107 | 341692  | 43.228 | ng | # 91   |
| 18) Hexachloroethane           | 7.19 | 117 | 154924  | 38.345 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.10 | 70  | 274937  | 41.035 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 424169  | 44.288 | ng | 92     |
| 22) Acetophenone               | 7.10 | 105 | 553211  | 43.180 | ng | # 97   |
| 24) Nitrobenzene               | 7.27 | 77  | 418732  | 40.829 | ng | 95     |
| 25) Isophorone                 | 7.51 | 82  | 783876  | 40.861 | ng | 98     |
| 26) 2-Nitrophenol              | 7.59 | 139 | 226689  | 41.070 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.64 | 122 | 373531  | 47.337 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.72 | 93  | 494965  | 40.810 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.84 | 162 | 357492  | 42.343 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.91 | 180 | 380126  | 41.460 | ng | 99     |
| 31) Naphthalene                | 7.99 | 128 | 1171684 | 41.456 | ng | 99     |
| 32) Benzoic acid               | 7.80 | 122 | 219862  | 35.982 | ng | 99     |
| 33) 4-Chloroaniline            | 8.05 | 127 | 324370  | 28.944 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.10 | 225 | 226471  | 40.515 | ng | 99     |
| 35) Caprolactam                | 8.43 | 113 | 51922   | 19.374 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 354015  | 41.771 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.68 | 142 | 787570  | 42.368 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.78 | 142 | 739273  | 41.244 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.85 | 216 | 374483  | 40.584 | ng | 99     |

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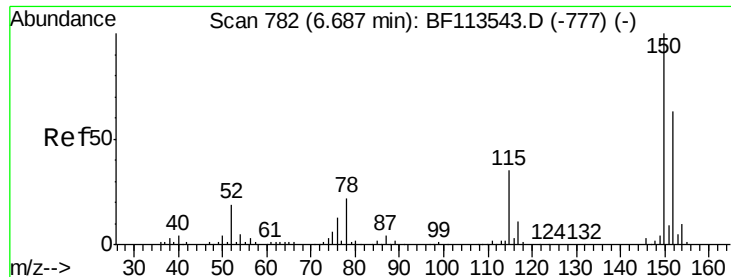
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 08 16:49:21 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  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.83  | 237  | 270699   | 83.228 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 8.97  | 196  | 240991   | 41.375 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.02  | 196  | 259264   | 41.461 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.15  | 154  | 966705   | 41.059 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.17  | 162  | 734458   | 41.201 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.27  | 65   | 224468   | 41.152 | ng    | 97       |
| 49) Acenaphthylene             | 9.58  | 152  | 1145451  | 39.516 | ng    | 100      |
| 50) Dimethylphthalate          | 9.45  | 163  | 860092   | 40.895 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.52  | 165  | 189686   | 40.916 | ng    | 95       |
| 52) Acenaphthene               | 9.75  | 154  | 681693   | 41.083 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.68  | 138  | 154550   | 29.322 | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 9.81  | 184  | 186049   | 85.779 | ng    | 91       |
| 55) Dibenzofuran               | 9.93  | 168  | 988352   | 40.605 | ng    | 98       |
| 56) 4-Nitrophenol              | 9.87  | 139  | 224162   | 68.558 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 9.93  | 165  | 234791   | 41.876 | ng    | 93       |
| 58) Fluorene                   | 10.27 | 166  | 789526   | 41.011 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 243100   | 44.913 | ng    | 97       |
| 60) Diethylphthalate           | 10.15 | 149  | 846755   | 41.758 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.26 | 204  | 396001   | 41.820 | ng    | 95       |
| 62) 4-Nitroaniline             | 10.30 | 138  | 212687   | 39.681 | ng    | 100      |
| 63) Azobenzene                 | 10.42 | 77   | 776966   | 40.468 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 117557   | 38.684 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.38 | 169  | 724948   | 40.909 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.75 | 248  | 260288   | 40.205 | ng    | 95       |
| 68) Hexachlorobenzene          | 10.82 | 284  | 303381   | 40.898 | ng    | 96       |
| 69) Atrazine                   | 10.91 | 200  | 224405   | 40.176 | ng    | 97       |
| 70) Pentachlorophenol          | 11.02 | 266  | 243600   | 69.691 | ng    | 98       |
| 71) Phenanthrene               | 11.23 | 178  | 1156214  | 40.310 | ng    | 99       |
| 72) Anthracene                 | 11.28 | 178  | 1202673  | 41.211 | ng    | 100      |
| 73) Carbazole                  | 11.43 | 167  | 1117502  | 40.942 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.76 | 149  | 1329392  | 40.943 | ng    | 100      |
| 75) Fluoranthene               | 12.41 | 202  | 1242777  | 40.434 | ng    | 99       |
| 77) Benzidine                  | 12.53 | 184  | 524688   | 36.217 | ng    | 97       |
| 78) Pyrene                     | 12.64 | 202  | 1239976  | 41.830 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.25 | 149  | 491780   | 40.756 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.83 | 228  | 906602   | 40.341 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.79 | 252  | 261347   | 30.193 | ng    | 98       |
| 83) Chrysene                   | 13.86 | 228  | 889857   | 39.060 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.81 | 149  | 619307   | 42.450 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.42 | 149  | 936992   | 39.512 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.62 | 276  | 934821   | 44.443 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.84 | 252  | 777587   | 40.104 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 14.87 | 252  | 780223   | 44.836 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.19 | 252  | 760934   | 44.165 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.62 | 278  | 782133   | 48.543 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.02 | 276  | 830277   | 50.487 | ng    | 98       |

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



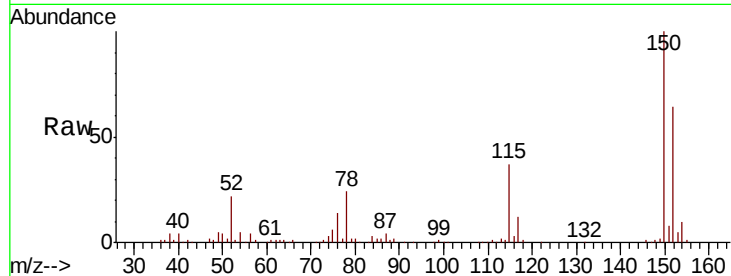


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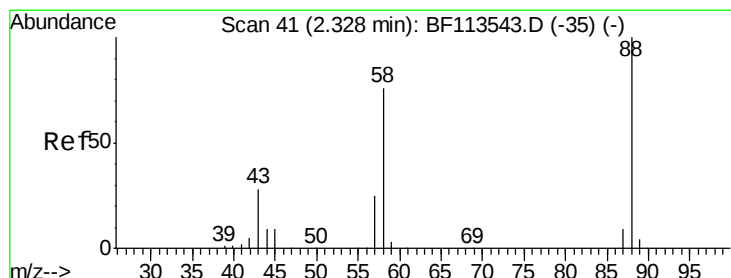
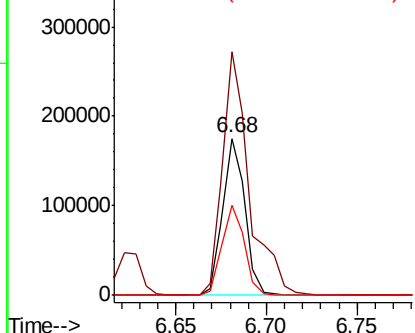
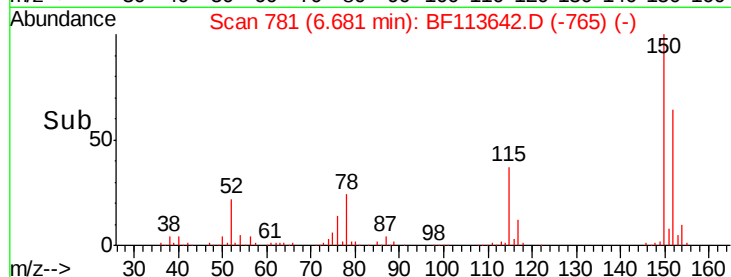
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.68 min Scan# 781  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 150329  
Ion Ratio Lower Upper  
152 100  
150 155.2 124.7 187.1  
115 57.4 46.0 69.0



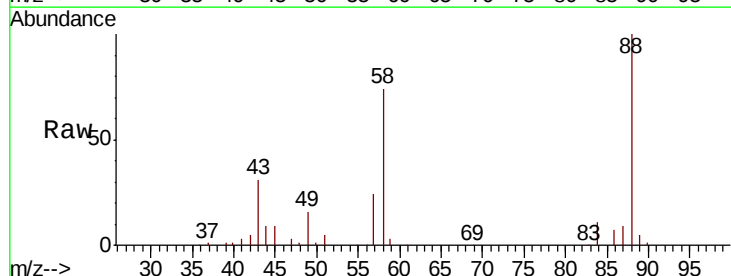
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



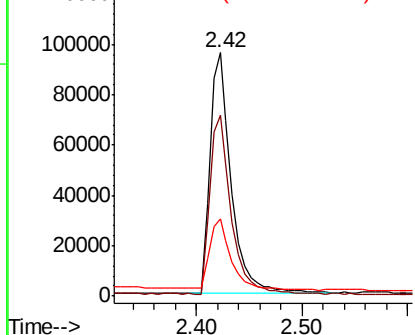
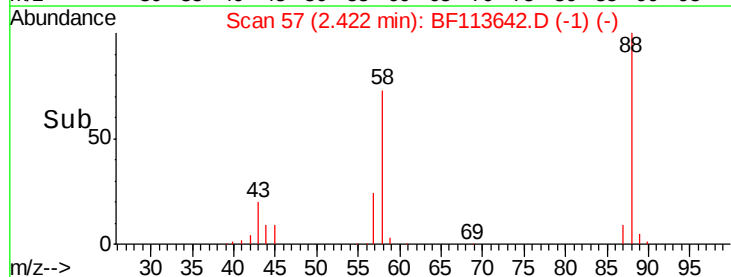
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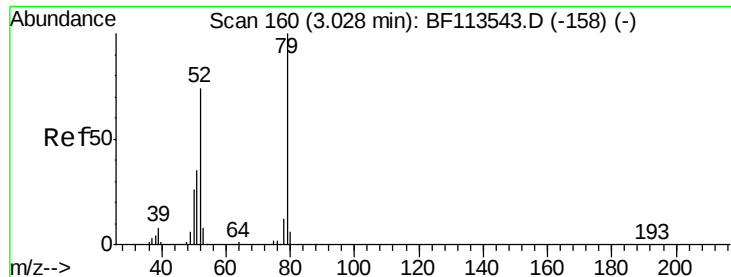
1,4-Dioxane  
Concen: 32.281 ng  
RT: 2.42 min Scan# 57  
Delta R.T. 0.09 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Tgt Ion: 88 Resp: 134783  
Ion Ratio Lower Upper  
88 100  
58 74.5 61.9 92.9  
43 30.0 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: 29.260 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.12 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampleId :

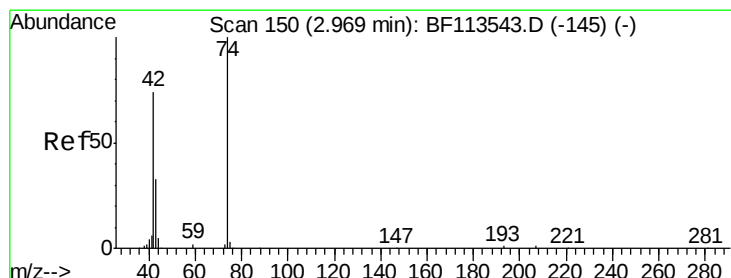
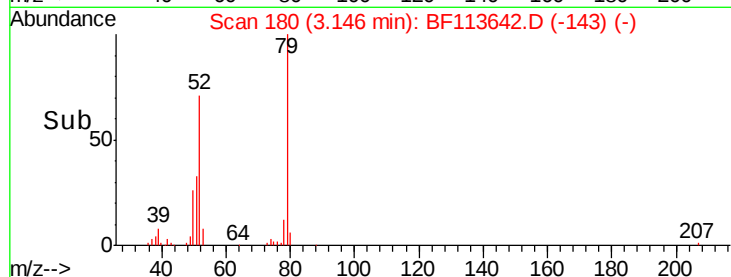
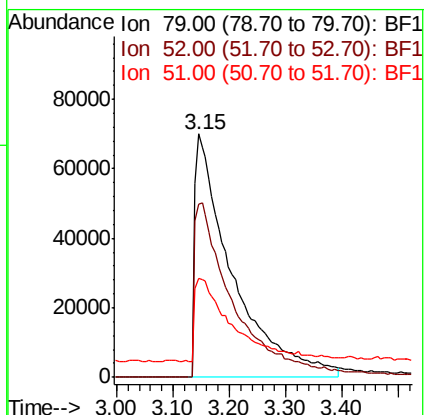
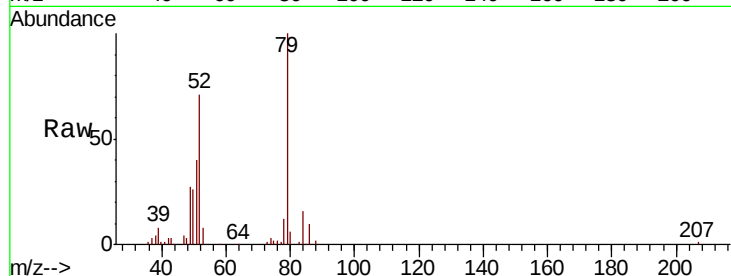
Tot Ion: 79 Resp: 319725

Ion Ratio Lower Upper

79 100

52 71.1 61.0 91.4

51 40.4 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 37.494 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.09 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

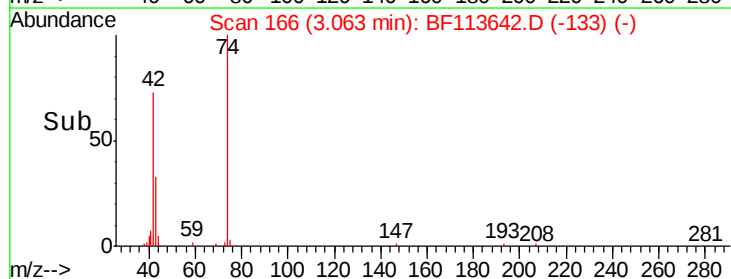
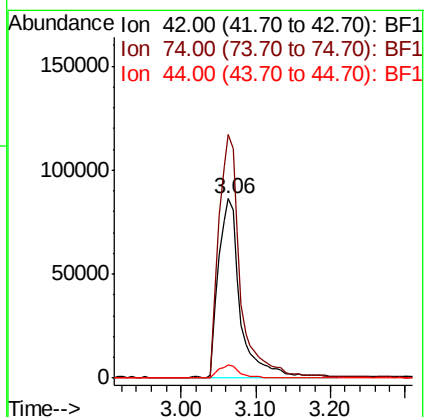
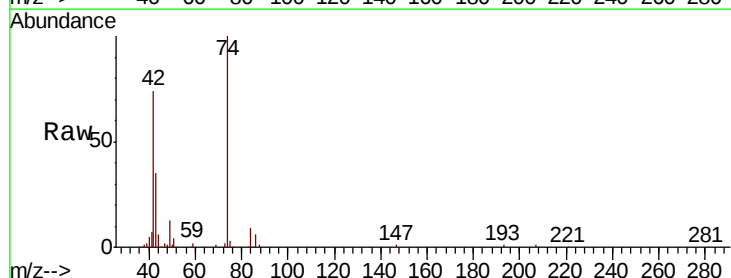
Tgt Ion: 42 Resp: 174072

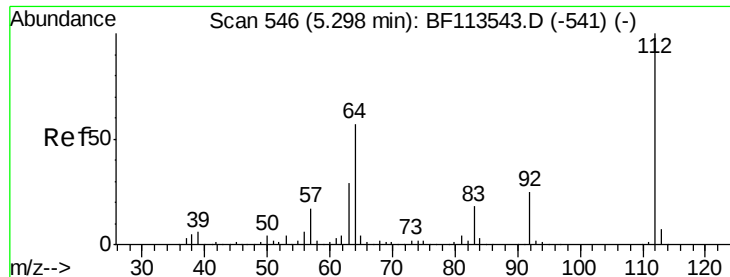
Ion Ratio Lower Upper

42 100

74 135.9 102.4 153.6

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 122.183 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampled :

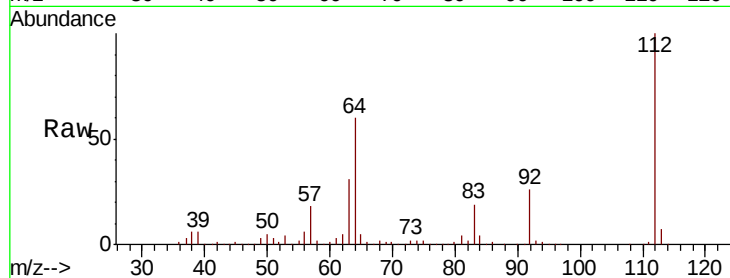
Tot Ion:112 Resp: 1077137

Ion Ratio Lower Upper

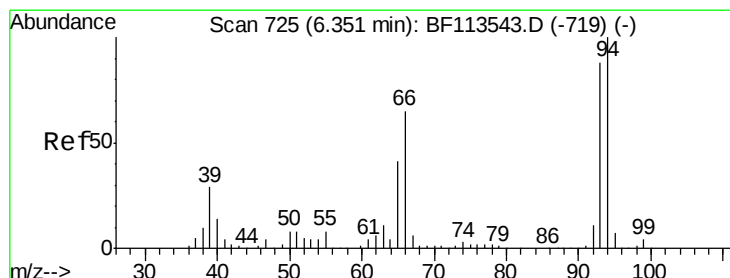
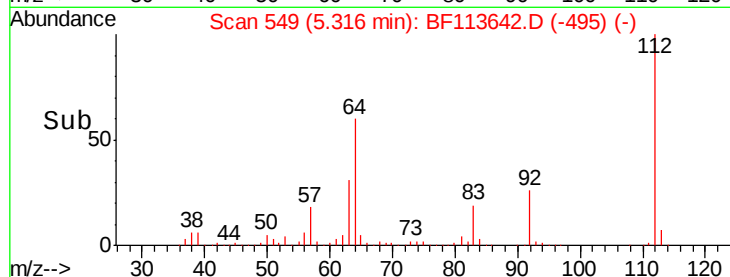
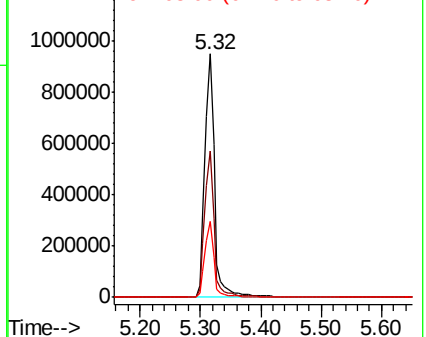
112 100

64 60.1 49.2 73.8

63 31.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.531 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

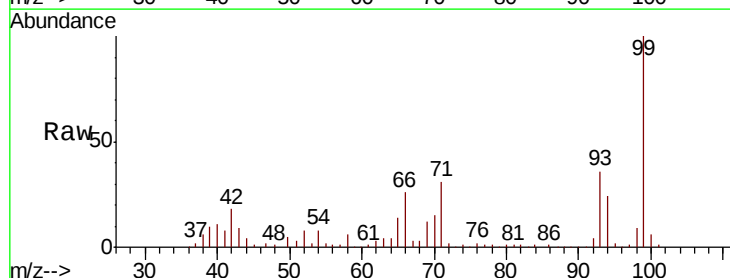
Tgt Ion: 93 Resp: 415269

Ion Ratio Lower Upper

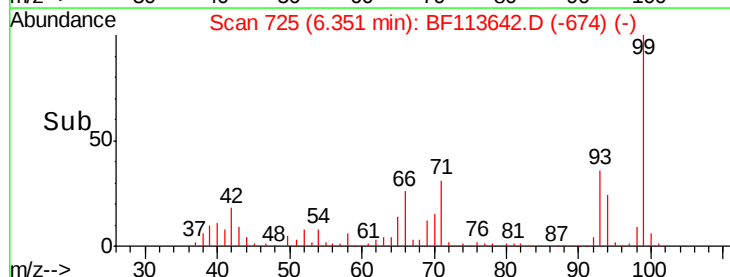
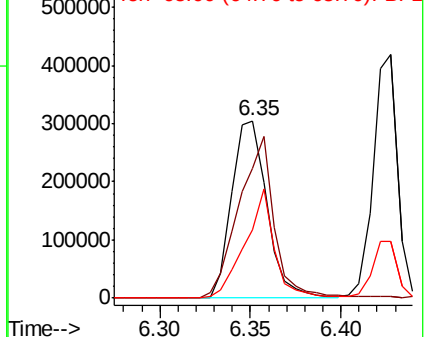
93 100

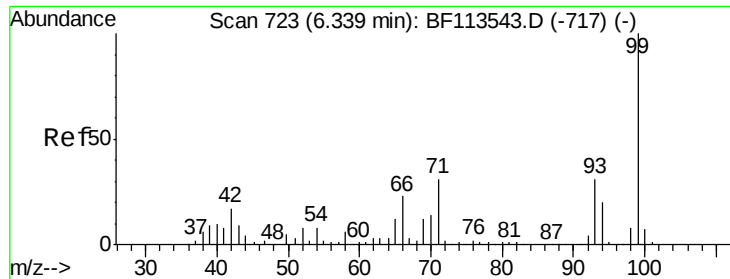
66 73.3 62.1 93.1

65 38.5 38.7 58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.719 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

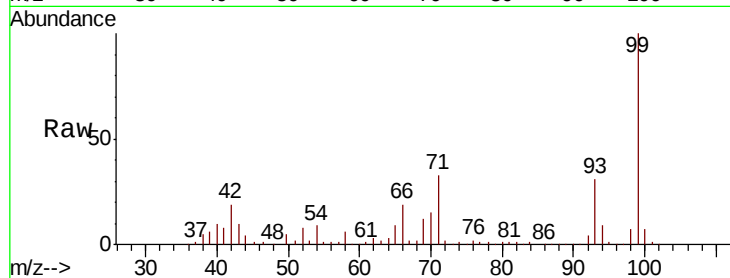
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 99 Resp: 1311671

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.3  | 14.8  | 22.2  |
| 71  | 32.7  | 24.9  | 37.3  |

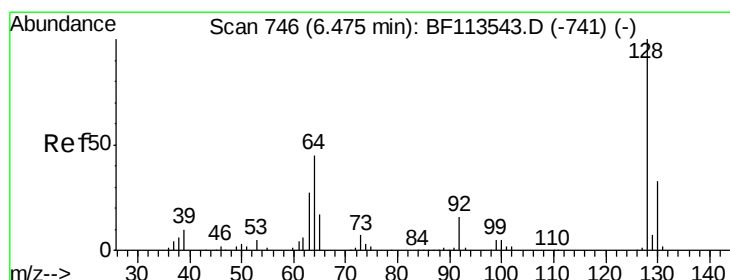
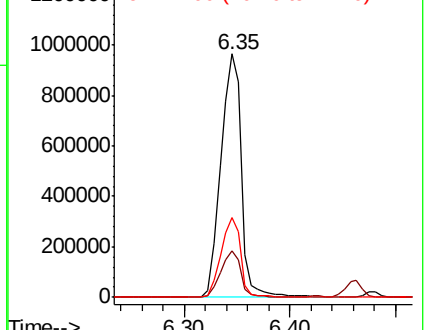
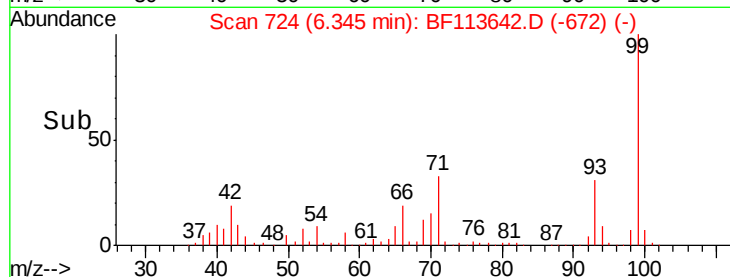


Abundance

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: 39.716 ng

RT: 6.48 min Scan# 747

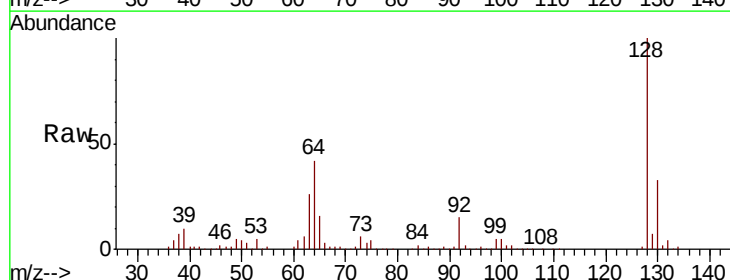
Delta R.T. 0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Tgt Ion:128 Resp: 405088

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.5  | 12.6  | 52.6  |
| 64  | 42.4  | 29.4  | 69.4  |

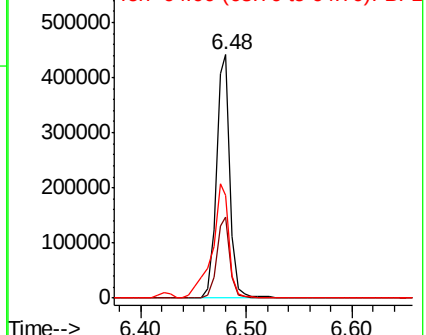
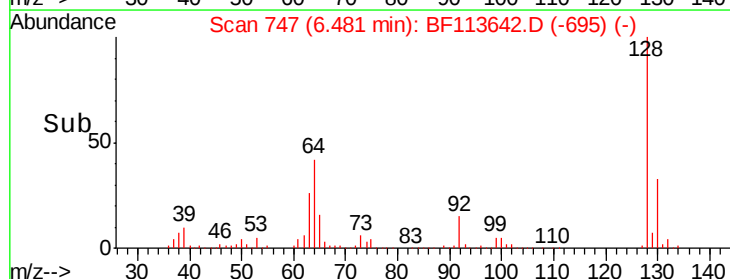


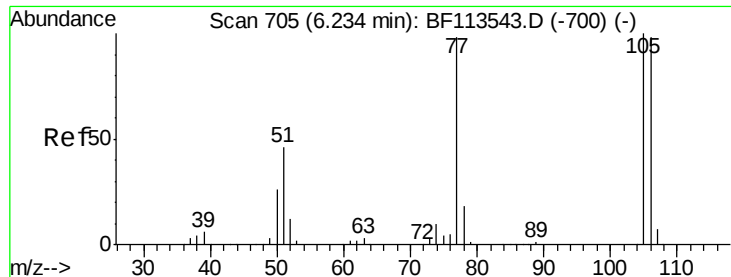
Abundance

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: 29.479 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampled :

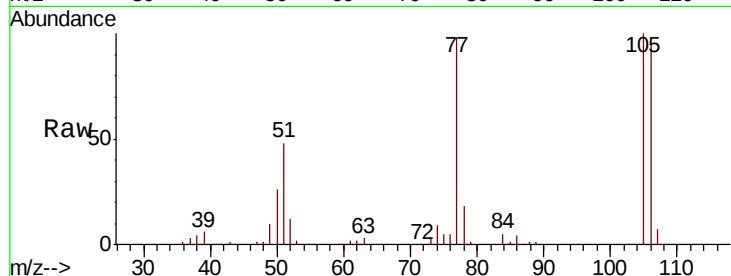
Tot Ion: 77 Resp: 190449

Ion Ratio Lower Upper

77 100

105 102.5 80.9 120.9

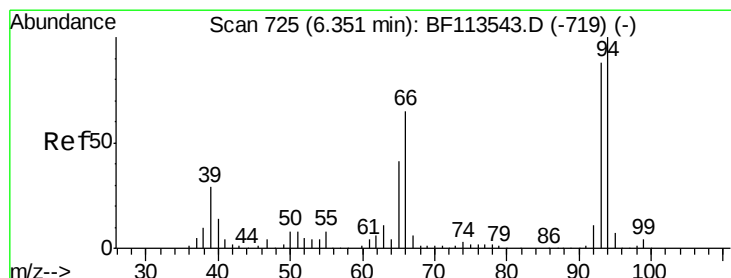
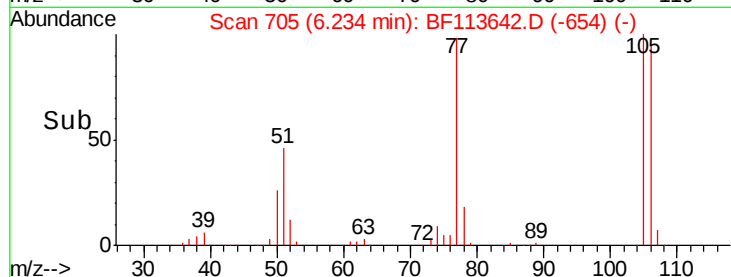
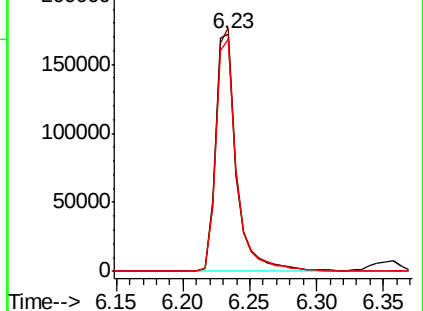
106 97.6 77.8 117.8



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: 38.932 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

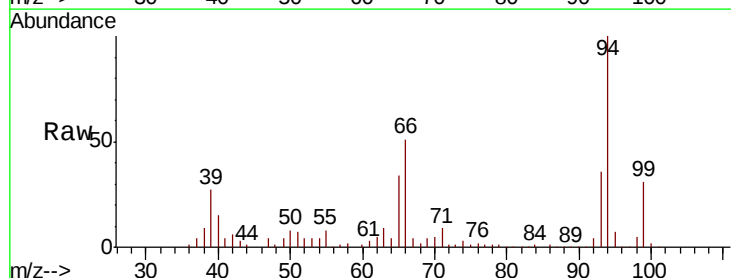
Tgt Ion: 94 Resp: 483130

Ion Ratio Lower Upper

94 100

65 34.2 21.4 61.4

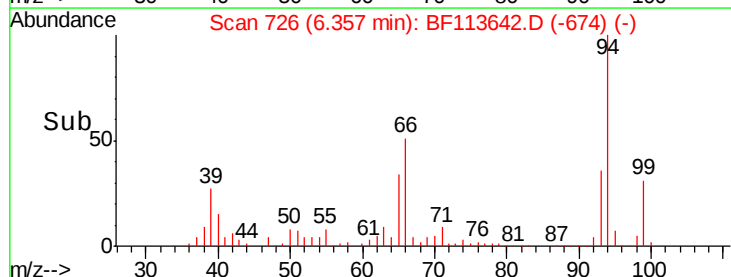
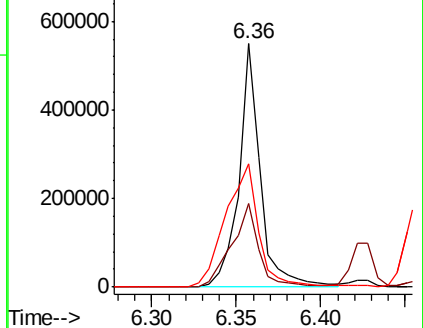
66 50.6 46.4 86.4

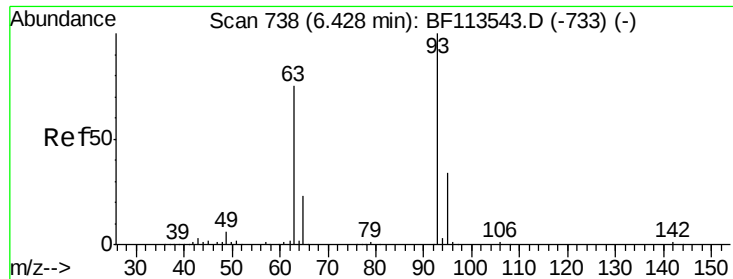


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

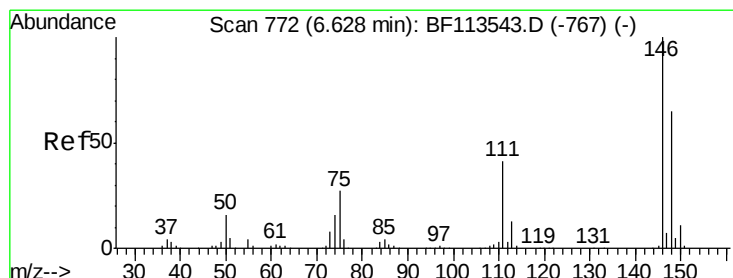
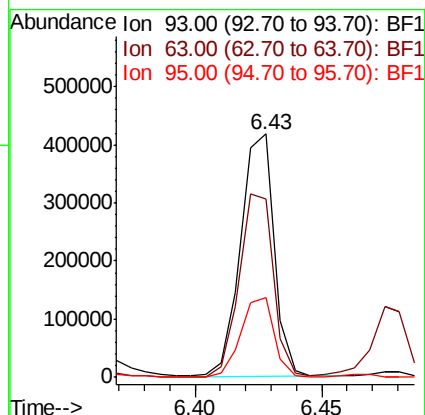
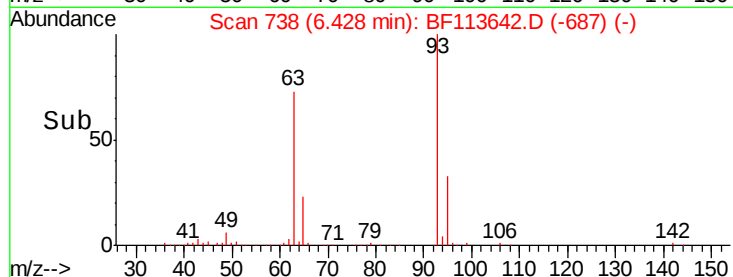
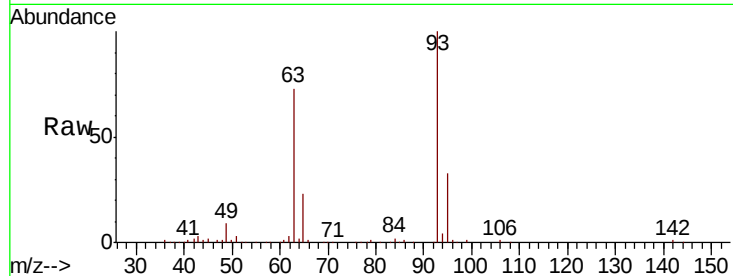




#11  
bis(2-Chloroethyl)ether  
Concen: 39.803 ng  
RT: 6.43 min Scan# 738  
Delta R.T. 0.00 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

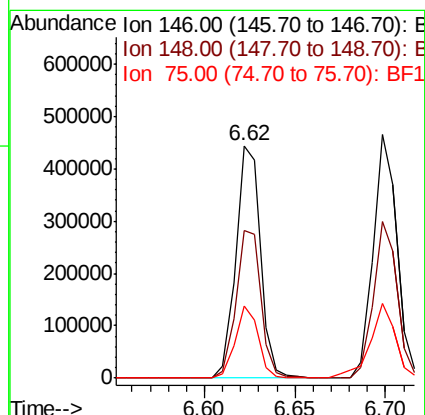
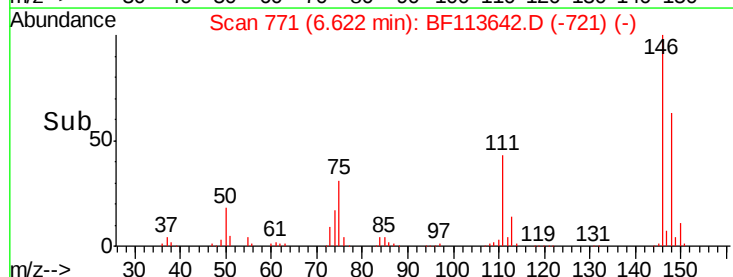
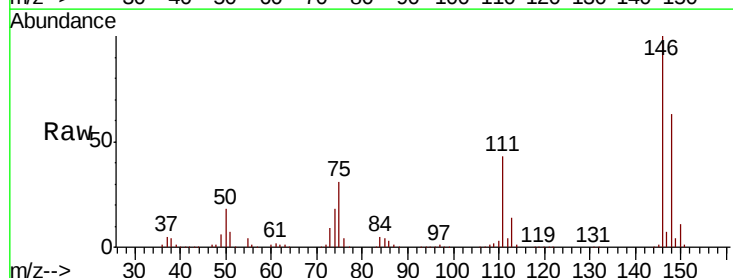
Instrument :  
BNA\_F  
ClientSampleId :

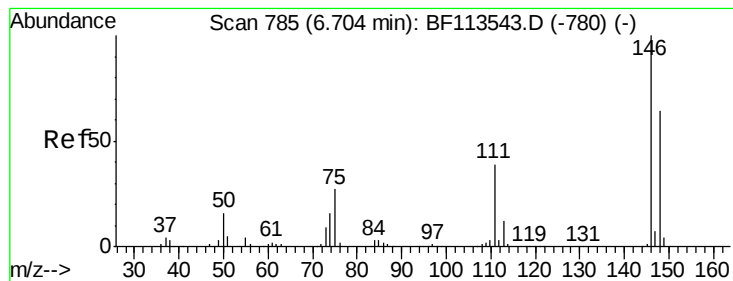
Tot Ion: 93 Resp: 384226  
Ion Ratio Lower Upper  
93 100  
63 73.3 56.1 96.1  
95 32.9 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 38.278 ng  
RT: 6.62 min Scan# 771  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Tgt Ion: 146 Resp: 420450  
Ion Ratio Lower Upper  
146 100  
148 63.3 51.4 77.0  
75 30.9 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 38.855 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampleId :

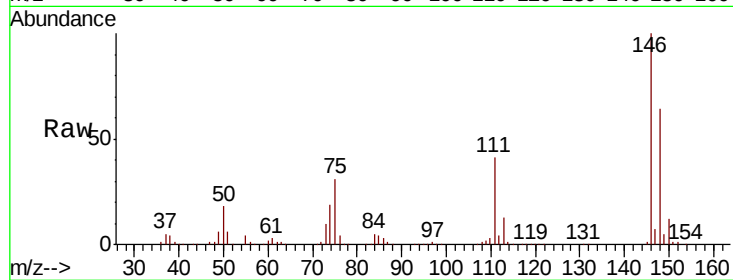
Tot Ion:146 Resp: 431293

Ion Ratio Lower Upper

146 100

148 64.4 51.1 76.7

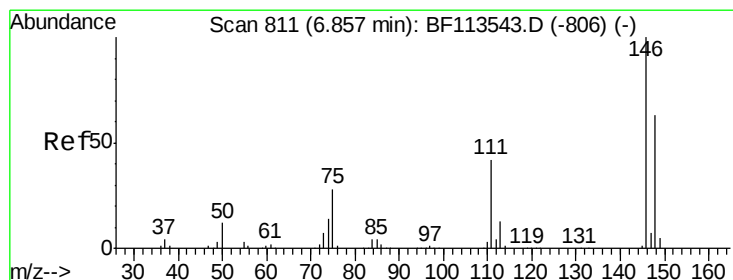
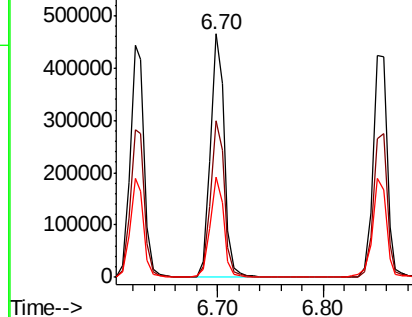
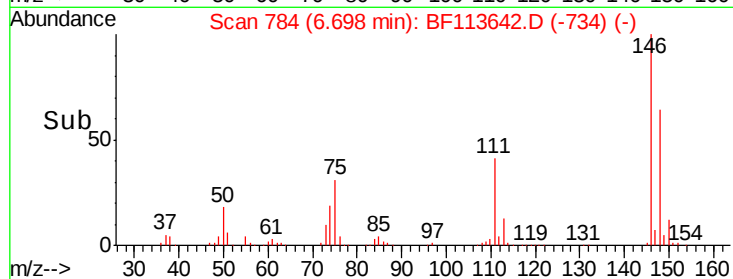
111 41.2 32.8 49.2



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: 39.549 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

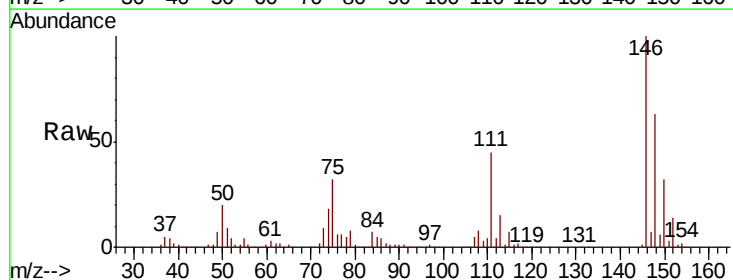
Tgt Ion:146 Resp: 396254

Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.4

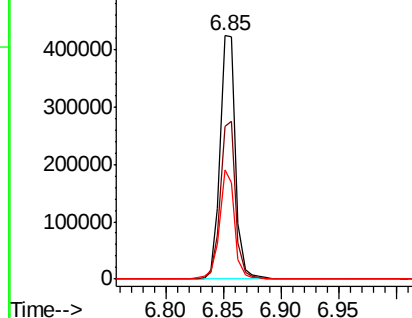
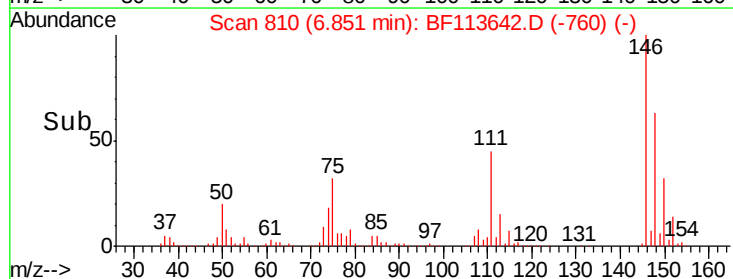
111 44.6 35.4 53.2

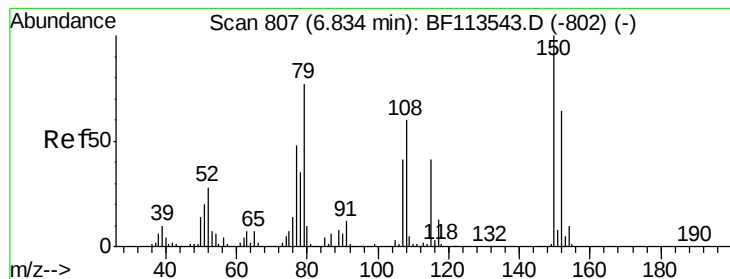


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.807 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampleId :

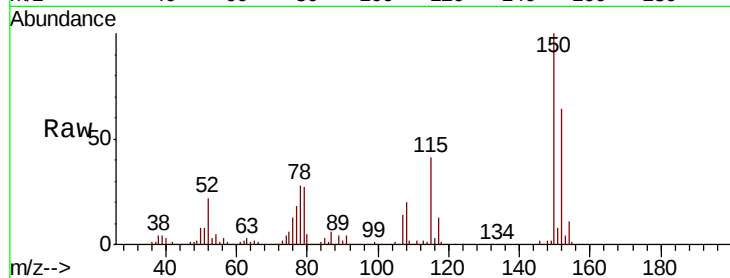
Tot Ion: 79 Resp: 277760

Ion Ratio Lower Upper

79 100

108 76.1 62.0 93.0

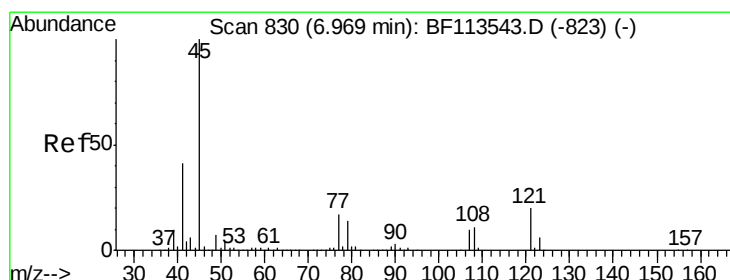
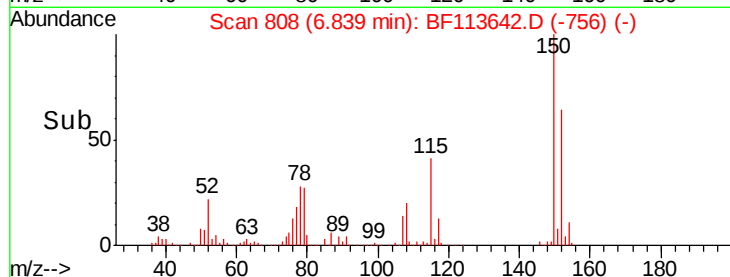
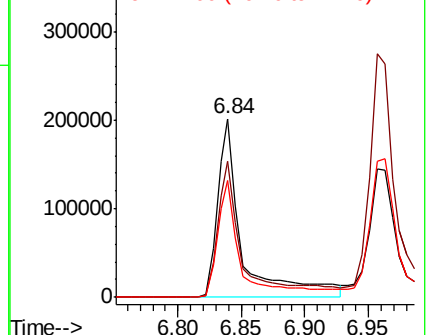
77 65.3 49.9 74.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.888 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

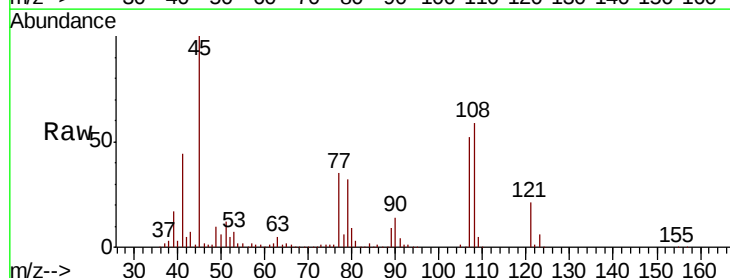
Tgt Ion: 45 Resp: 584317

Ion Ratio Lower Upper

45 100

77 35.5 0.0 36.6

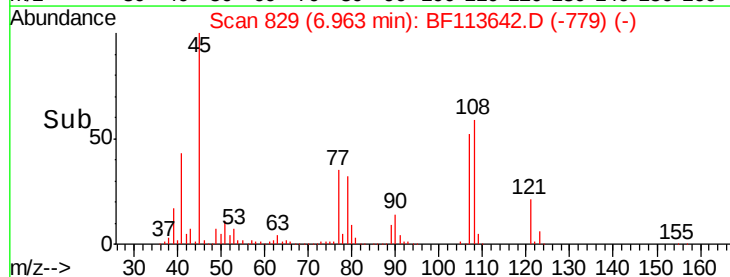
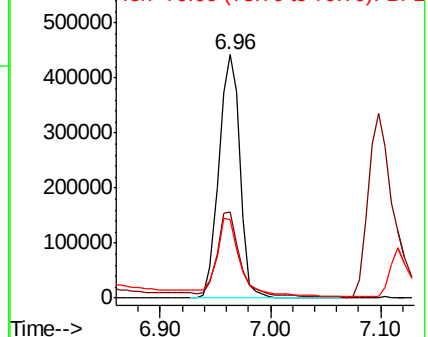
79 32.4 0.0 34.0

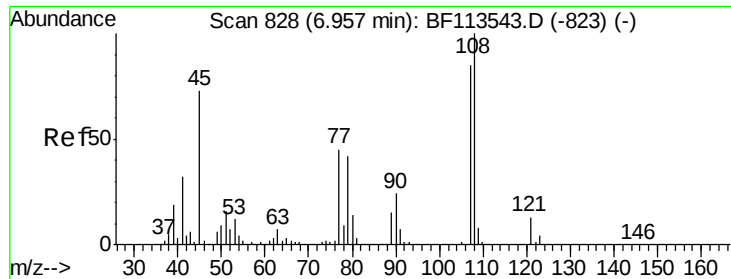


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

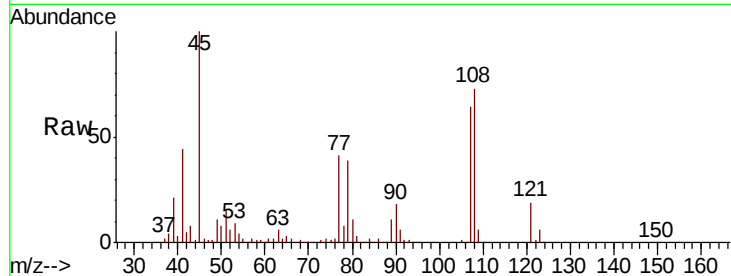




#17  
2-Methylphenol  
Concen: 43.228 ng  
RT: 6.96 min Scan# 828  
Delta R.T. 0.00 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 115.5 | 93.4  | 140.0 |
| 77      | 64.7  | 41.2  | 61.8# |
| 79      | 60.8  | 40.1  | 60.1# |



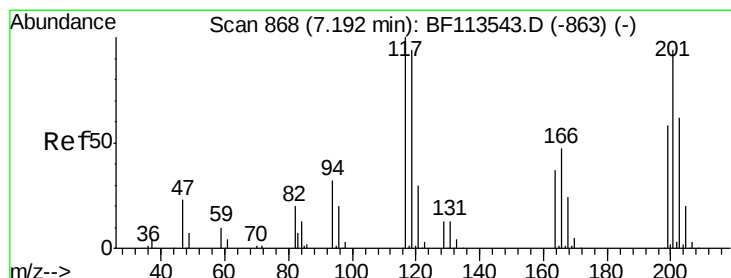
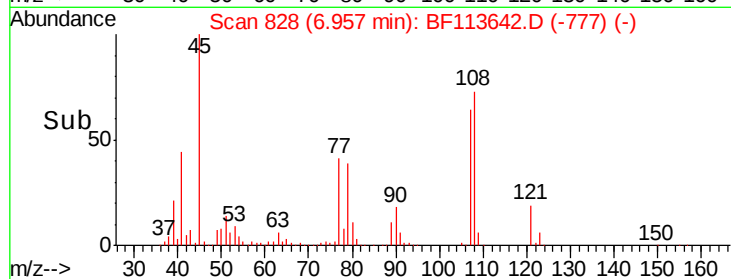
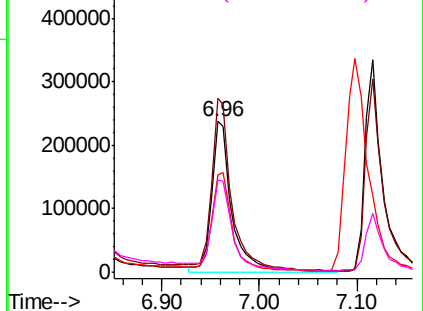
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

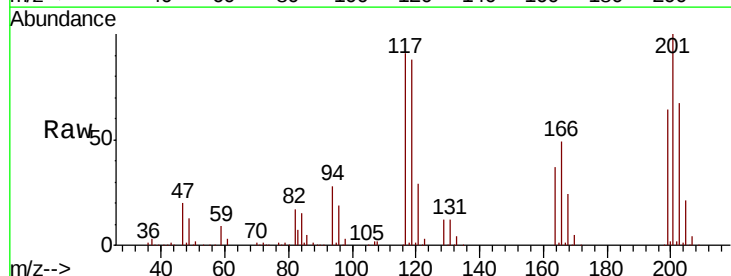
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 38.345 ng  
RT: 7.19 min Scan# 868  
Delta R.T. 0.00 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.3  | 76.9  | 115.3 |
| 201     | 109.6 | 78.7  | 118.1 |

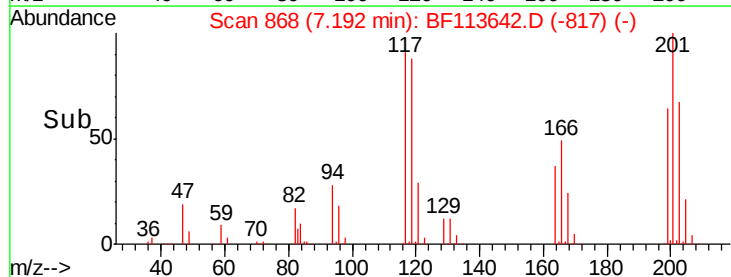
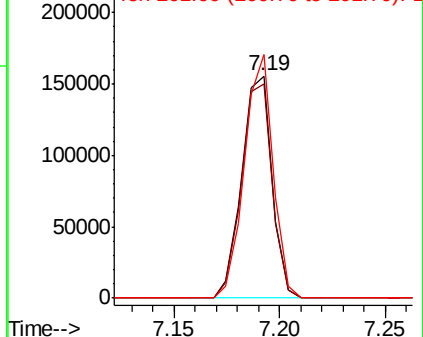


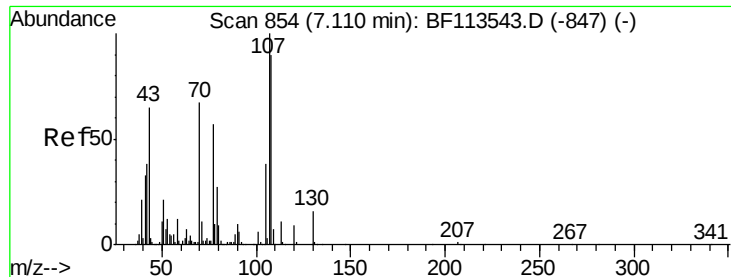
Abundance

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

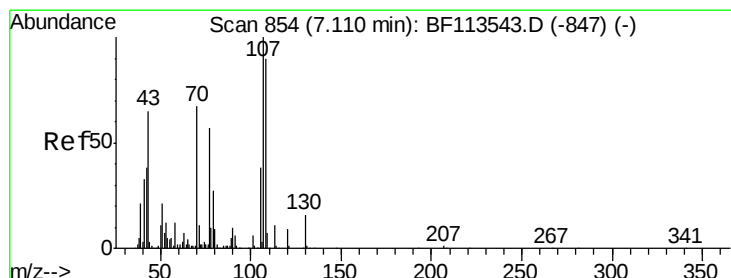
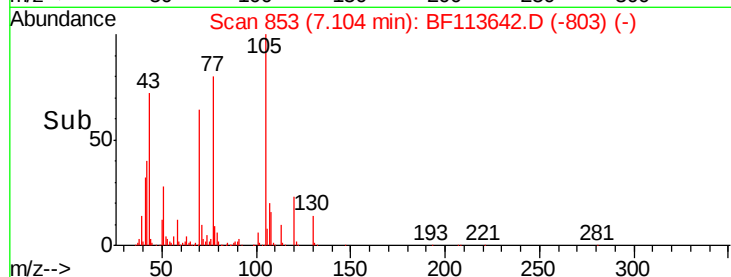
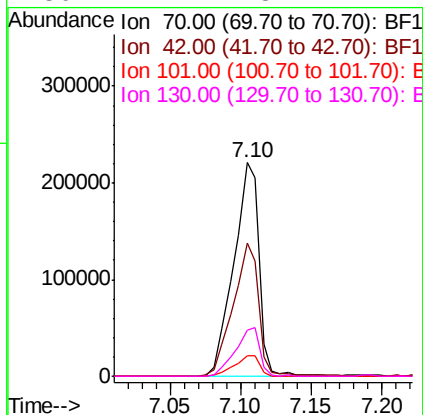
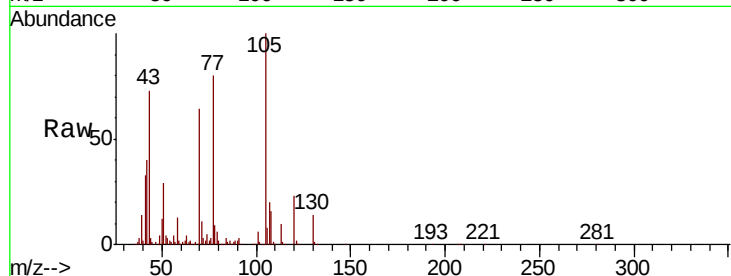




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.035 ng  
RT: 7.10 min Scan# 853  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

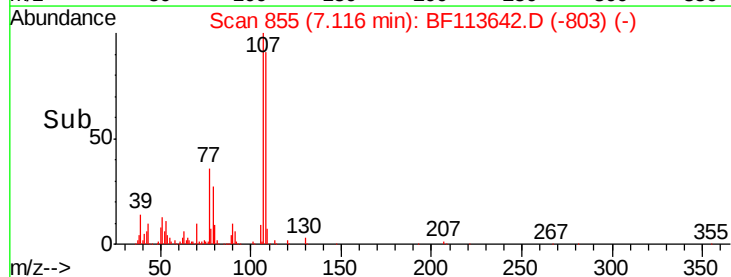
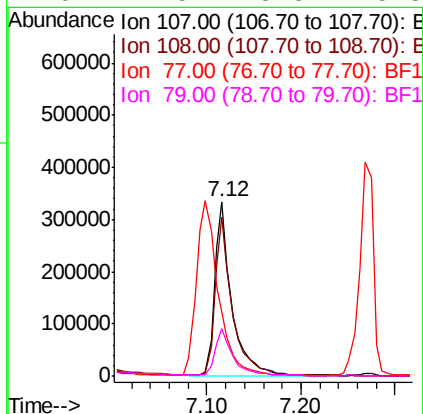
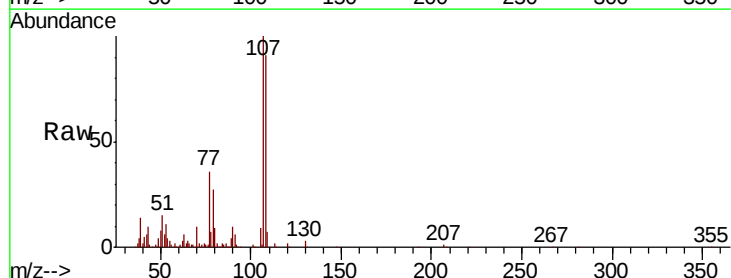
Instrument :  
BNA\_F  
ClientSampleId :

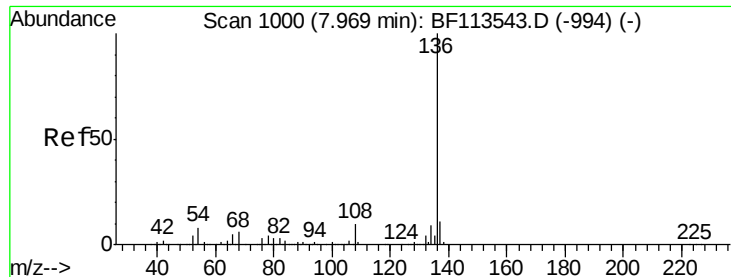
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 62.1 | 48.4  | 72.6  |       |
| 101     | 9.8  | 7.8   | 11.8  |       |
| 130     | 21.4 | 18.2  | 27.4  |       |



#20  
3+4-Methylphenols  
Concen: 44.288 ng  
RT: 7.12 min Scan# 855  
Delta R.T. 0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 91.0 | 71.4  | 111.4 |       |
| 77      | 36.4 | 33.5  | 73.5  |       |
| 79      | 27.5 | 8.3   | 48.3  |       |

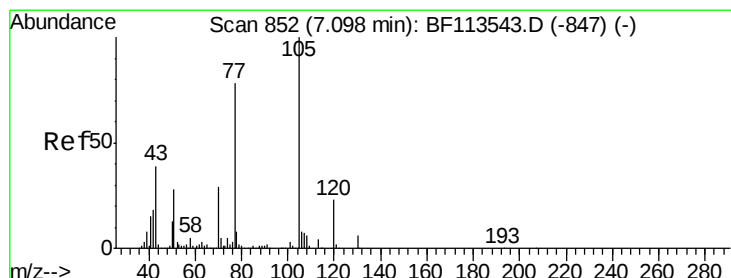
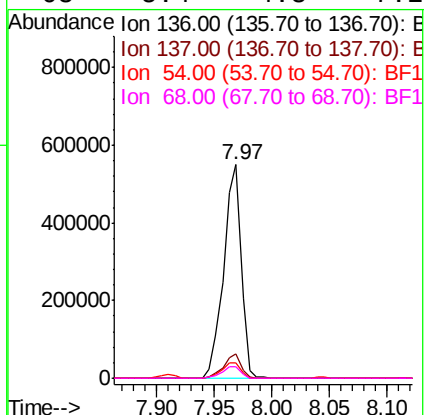
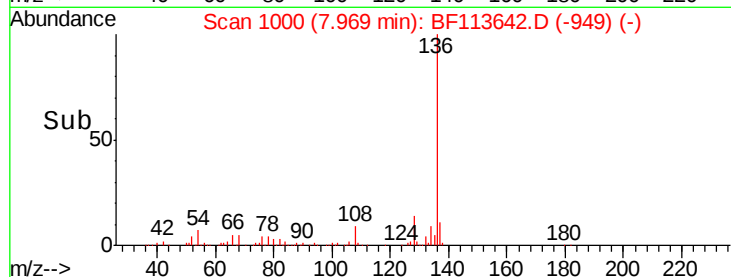
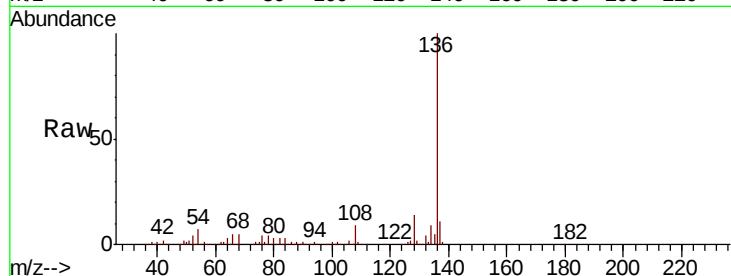




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.97 min Scan# 1000  
Delta R.T. 0.00 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

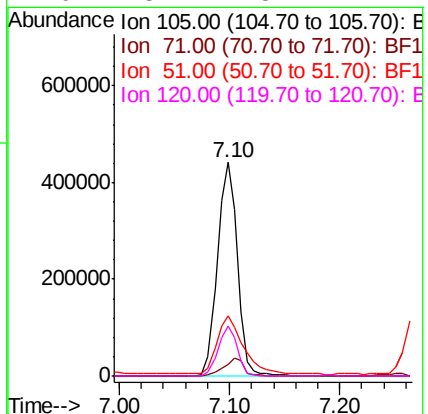
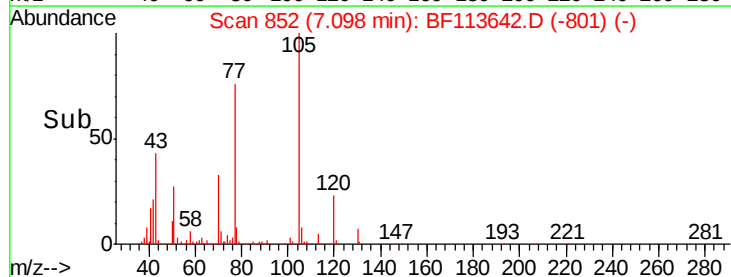
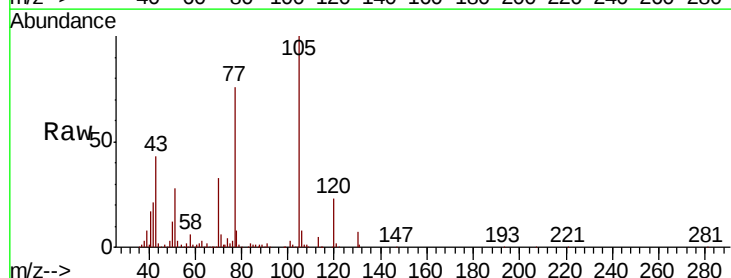
Instrument :  
BNA\_F  
ClientSampleId :

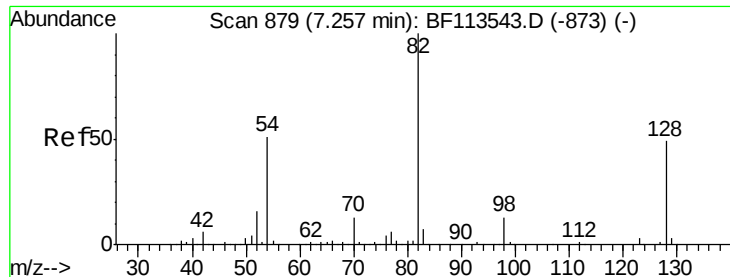
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 583323   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.1  | 8.9 13.3 |
| 54          | 7.4   | 7.0 10.6 |
| 68          | 5.4   | 4.8 7.2  |



#22  
Acetophenone  
Concen: 43.180 ng  
RT: 7.10 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 553211    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 5.6   | 3.3 4.9#  |
| 51          | 28.0  | 24.2 36.2 |
| 120         | 23.1  | 18.1 27.1 |

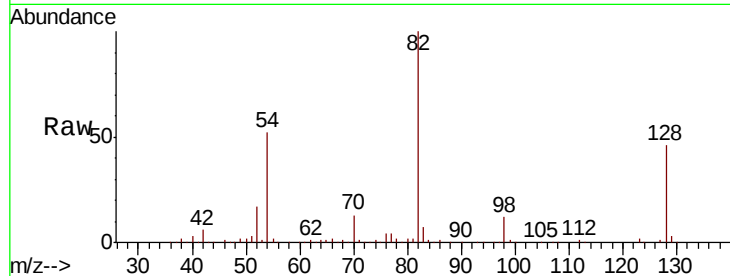




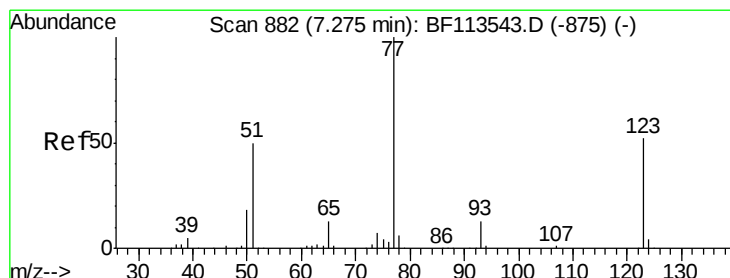
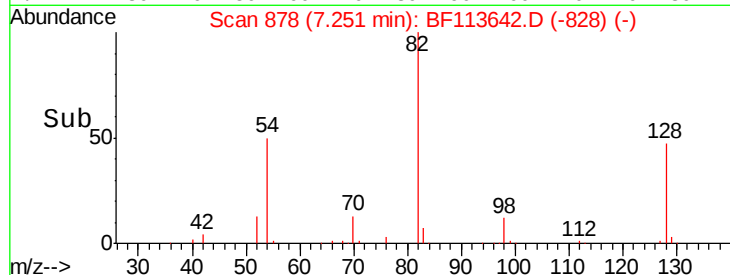
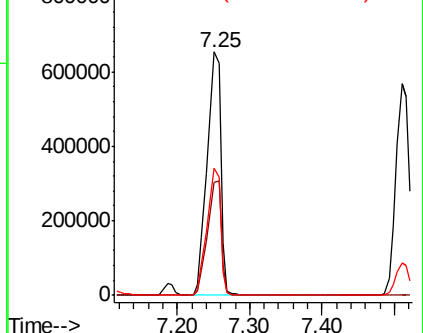
#23  
 Nitrobenzene-d5  
 Concen: 87.397 ng  
 RT: 7.25 min Scan# 878  
 Delta R.T. -0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion: 82 Resp: 870342  
 Ion Ratio Lower Upper  
 82 100  
 128 46.5 36.5 54.7  
 54 52.0 42.2 63.2

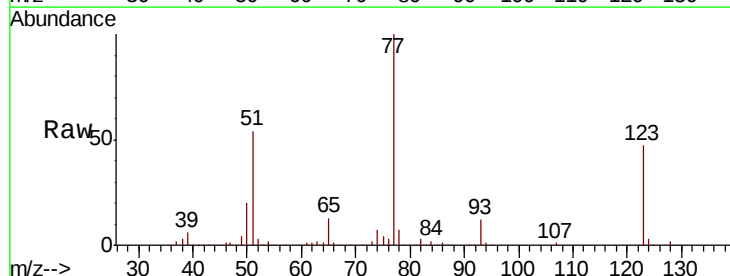


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

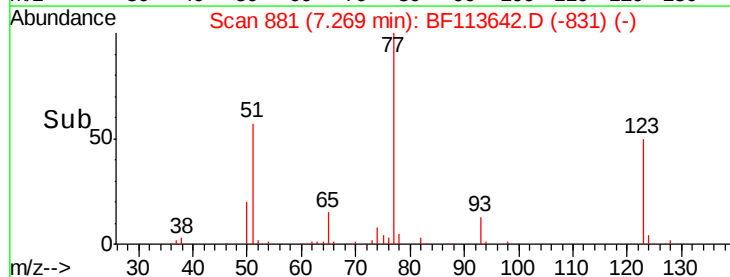
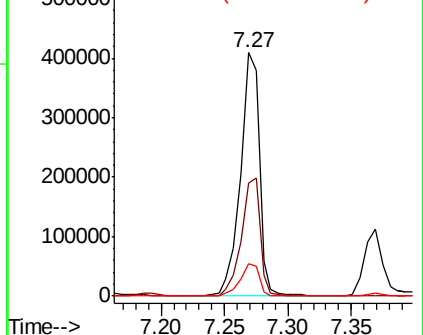


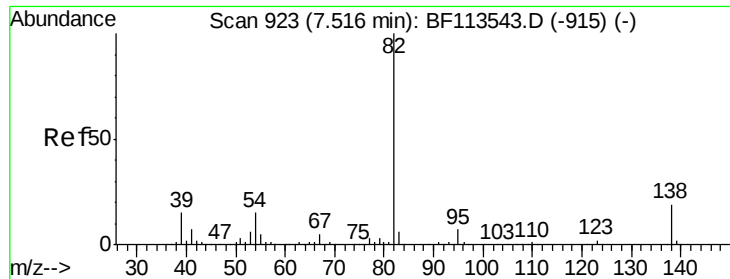
#24  
 Nitrobenzene  
 Concen: 40.829 ng  
 RT: 7.27 min Scan# 881  
 Delta R.T. -0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Tgt Ion: 77 Resp: 418732  
 Ion Ratio Lower Upper  
 77 100  
 123 46.7 40.8 61.2  
 65 13.4 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

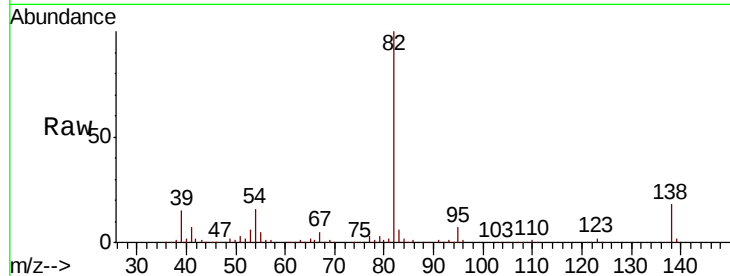




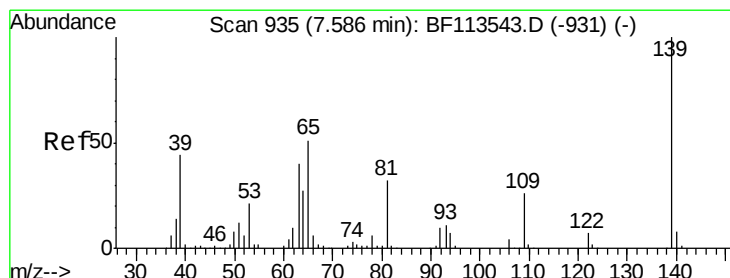
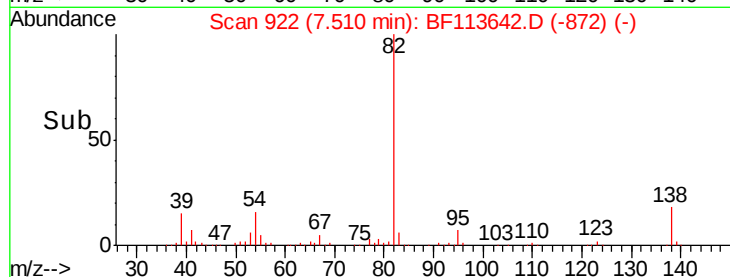
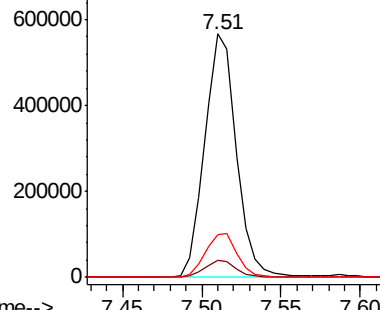
#25  
Isophorone  
Concen: 40.861 ng  
RT: 7.51 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 783876  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.5 8.3  
138 17.7 15.2 22.8

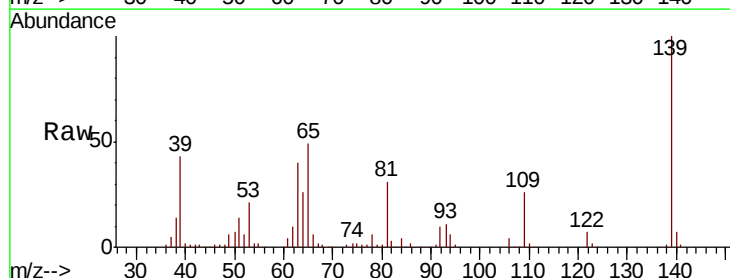


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1

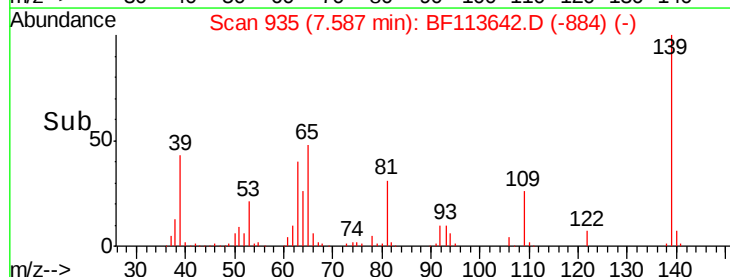
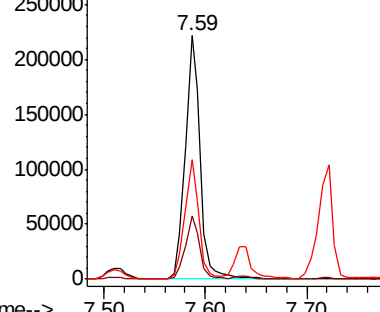


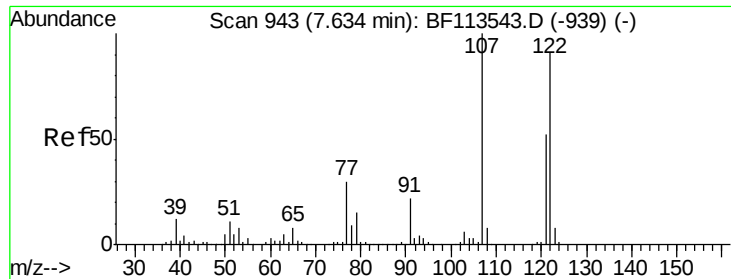
#26  
2-Nitrophenol  
Concen: 41.070 ng  
RT: 7.59 min Scan# 935  
Delta R.T. 0.00 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Tgt Ion: 139 Resp: 226689  
Ion Ratio Lower Upper  
139 100  
109 26.1 21.7 32.5  
65 48.8 41.6 62.4



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

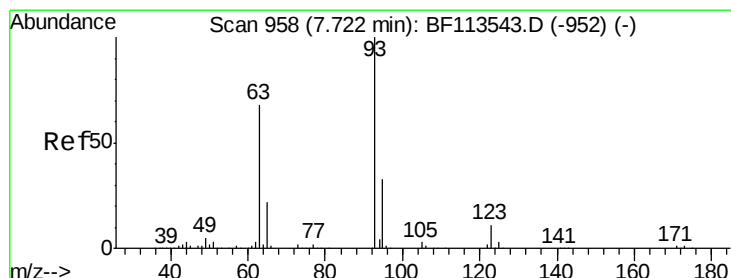
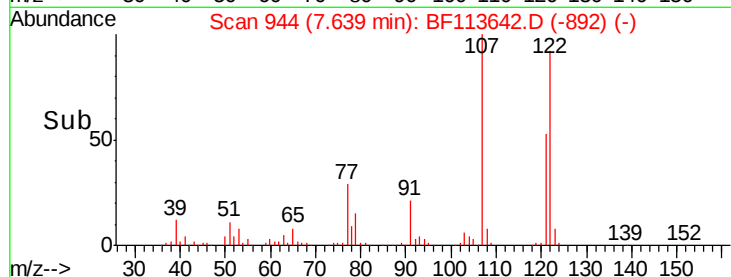
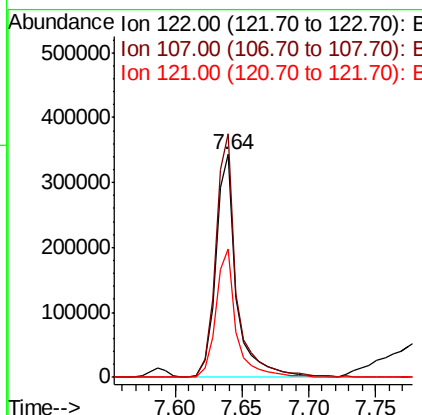
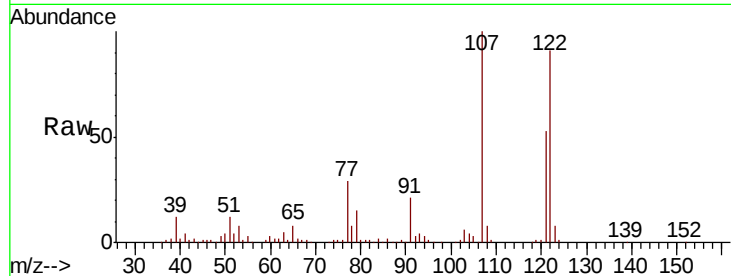




#27  
 2,4-Dimethylphenol  
 Concen: 47.337 ng  
 RT: 7.64 min Scan# 944  
 Delta R.T. 0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

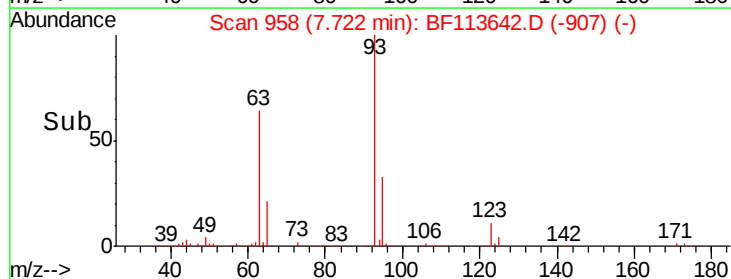
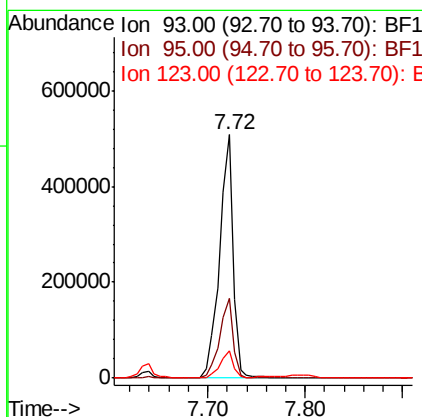
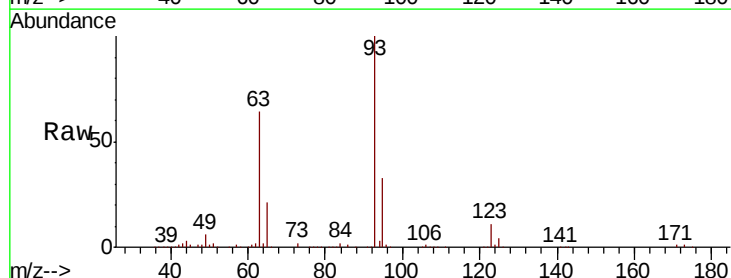
Instrument :  
 BNA\_F  
 ClientSampled :

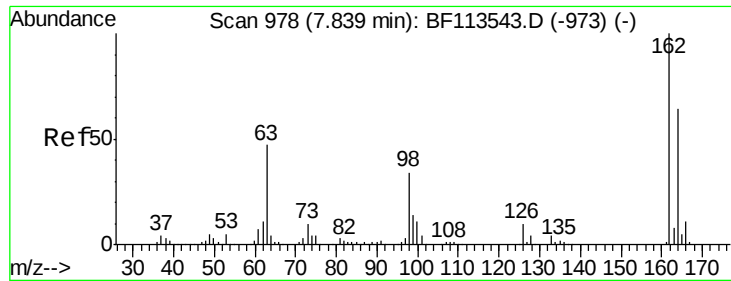
Tot Ion:122 Resp: 373531  
 Ion Ratio Lower Upper  
 122 100  
 107 109.4 88.8 133.2  
 121 57.9 45.5 68.3



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.810 ng  
 RT: 7.72 min Scan# 958  
 Delta R.T. 0.00 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Tgt Ion: 93 Resp: 494965  
 Ion Ratio Lower Upper  
 93 100  
 95 32.8 26.0 39.0  
 123 11.4 9.1 13.7

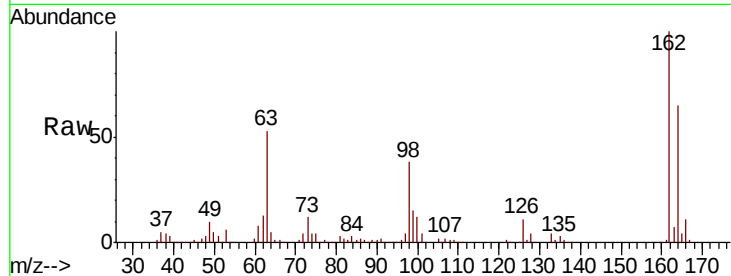




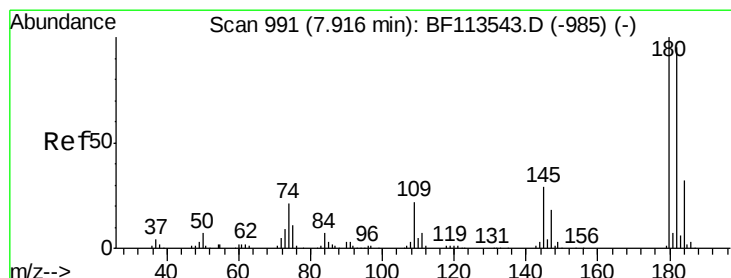
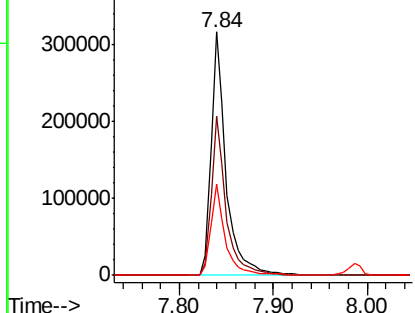
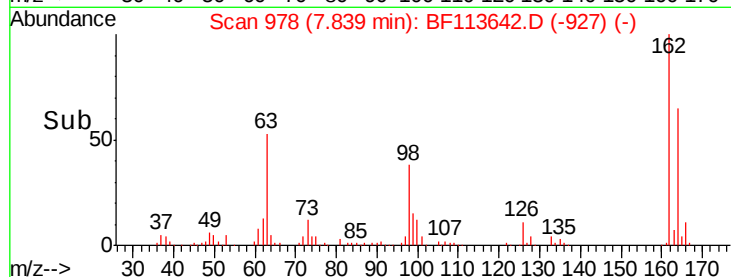
#29  
 2,4-Dichlorophenol  
 Concen: 42.343 ng  
 RT: 7.84 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.2  | 44.6  | 84.6  |
| 98      | 37.5  | 15.6  | 55.6  |

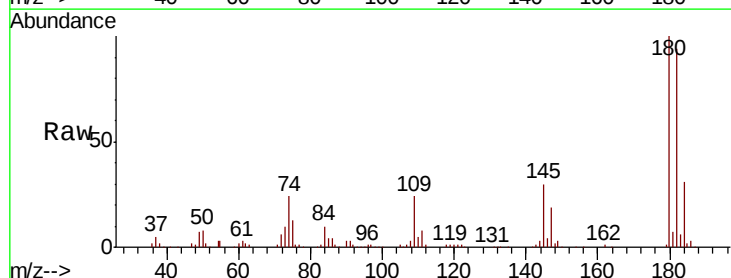


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

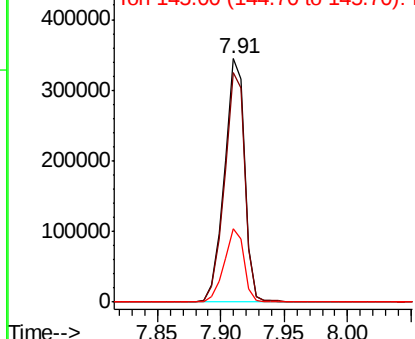
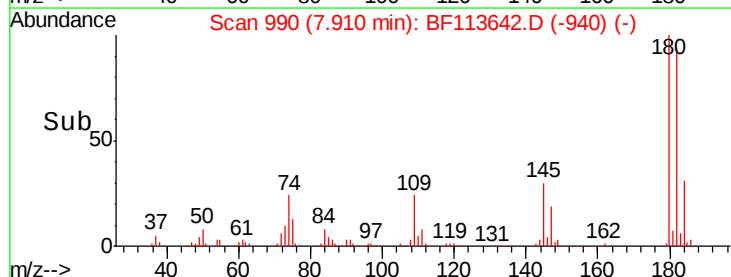


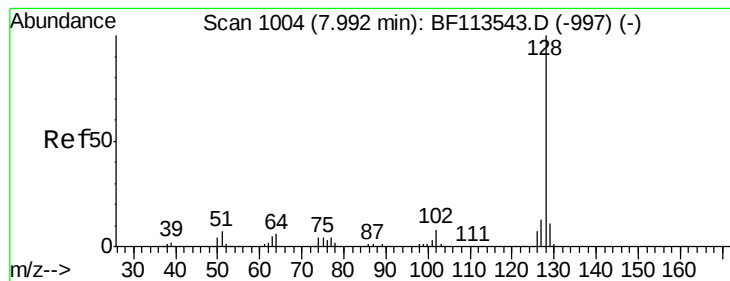
#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.460 ng  
 RT: 7.91 min Scan# 990  
 Delta R.T. -0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.1  | 74.6  | 111.8 |
| 145     | 29.9  | 23.4  | 35.0  |



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





#31

Naphthalene

Concen: 41.456 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampleId :

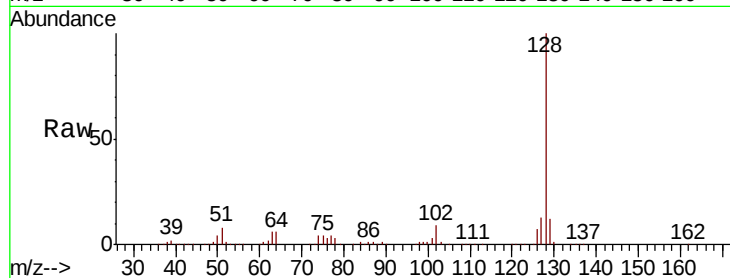
Tot Ion:128 Resp: 1171684

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

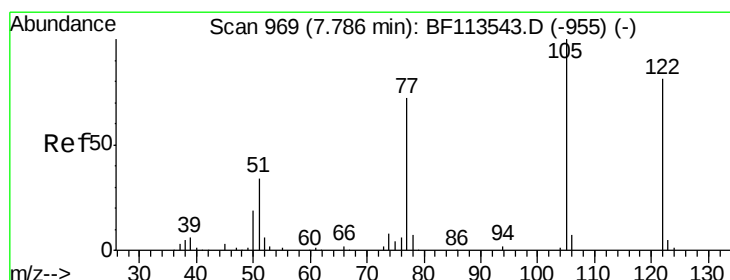
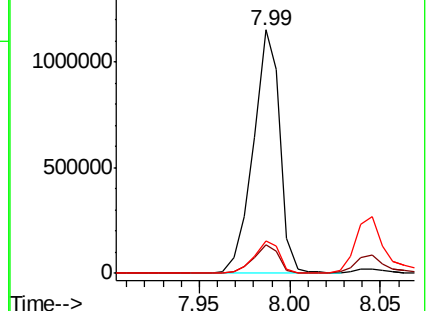
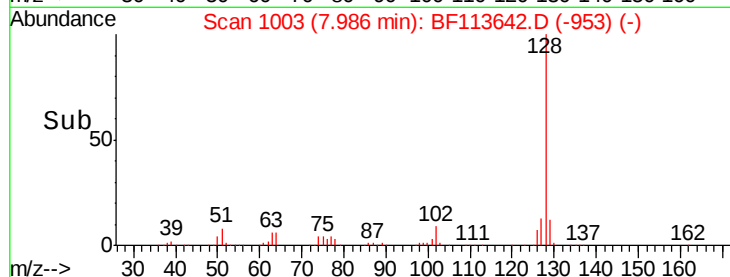
127 13.3 10.9 16.3



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: 35.982 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

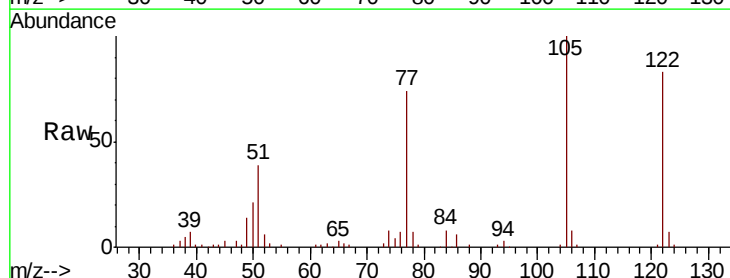
Tgt Ion:122 Resp: 219862

Ion Ratio Lower Upper

122 100

105 121.1 100.4 140.4

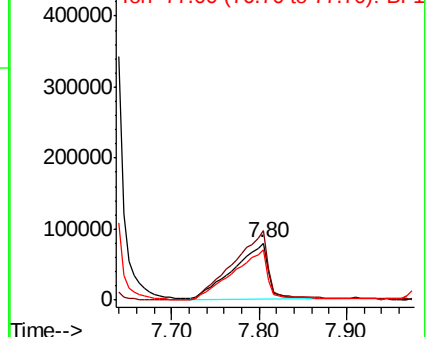
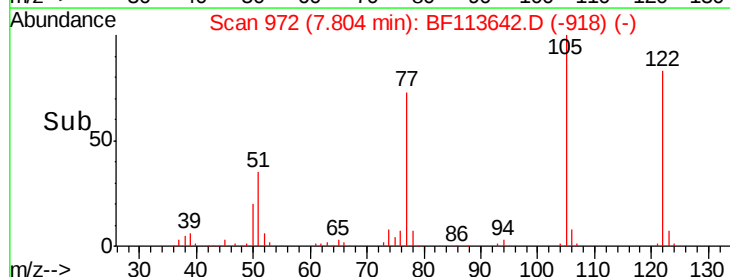
77 89.4 69.0 109.0

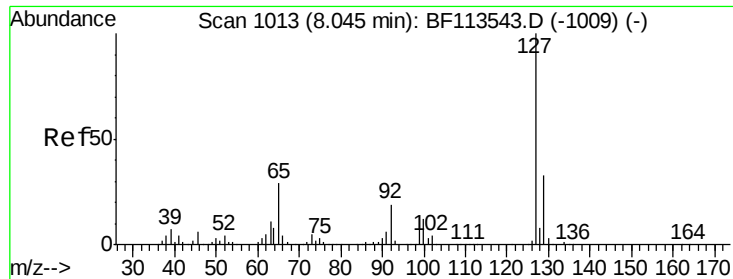


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

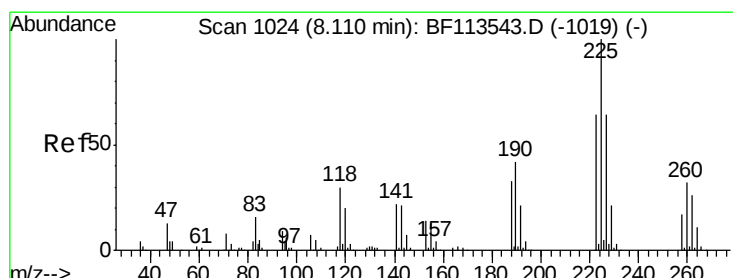
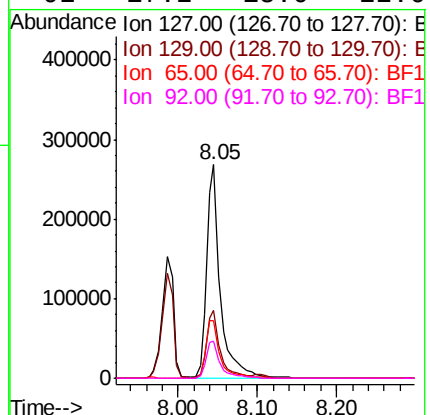
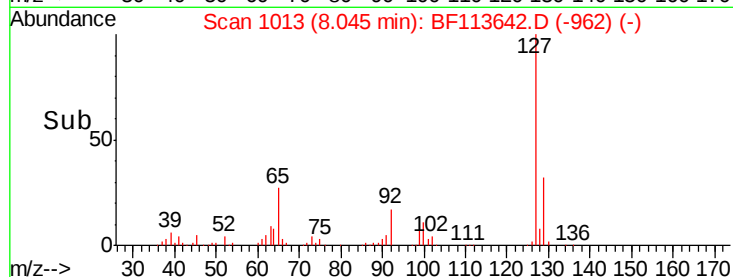
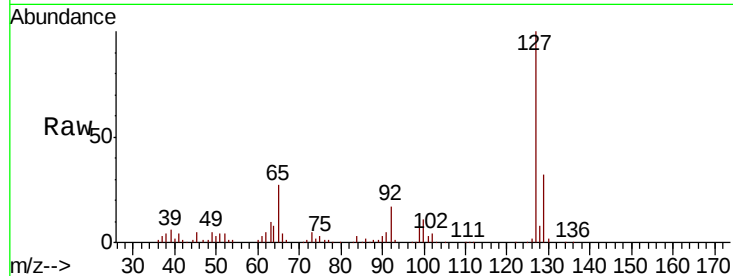




#33  
4-Chloroaniline  
Concen: 28.944 ng  
RT: 8.05 min Scan# 1013  
Delta R.T. 0.00 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

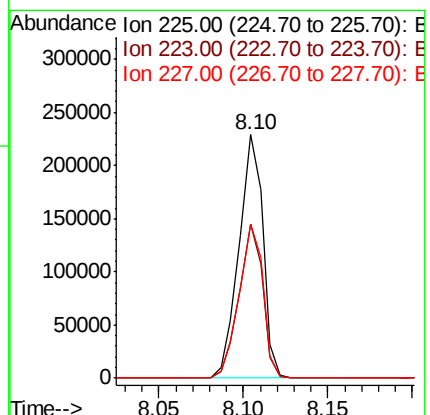
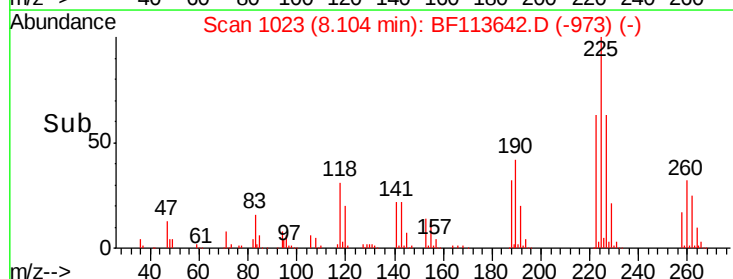
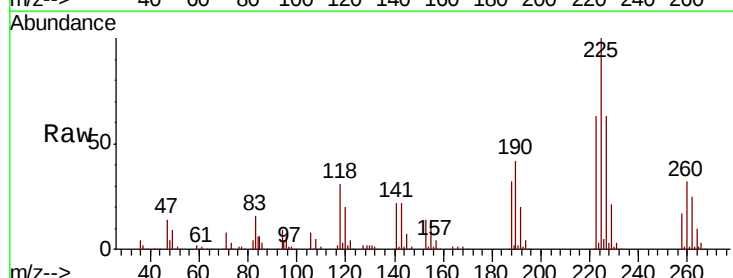
Instrument :  
BNA\_F  
ClientSampleId :

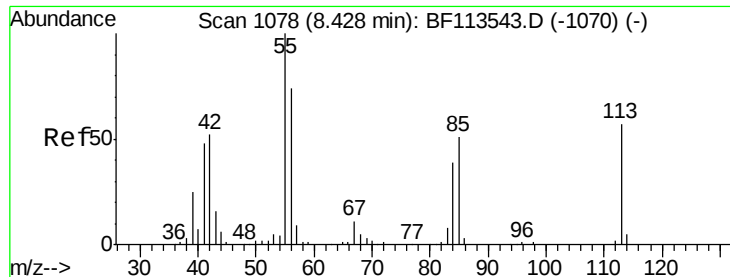
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 324370 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 26.3  | 39.5   |
| 65       | 27.1  | 24.2  | 36.4   |
| 92       | 17.2  | 15.0  | 22.6   |



#34  
Hexachlorobutadiene  
Concen: 40.515 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 226471 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 51.4  | 77.2   |
| 227      | 63.3  | 51.1  | 76.7   |

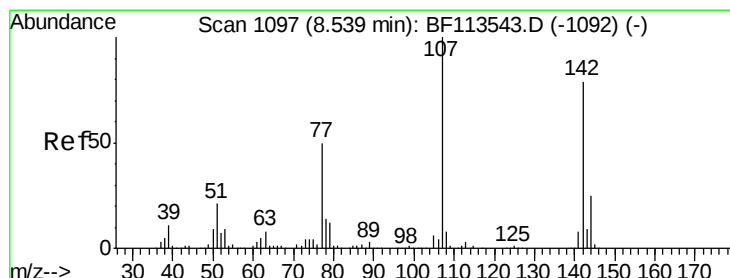
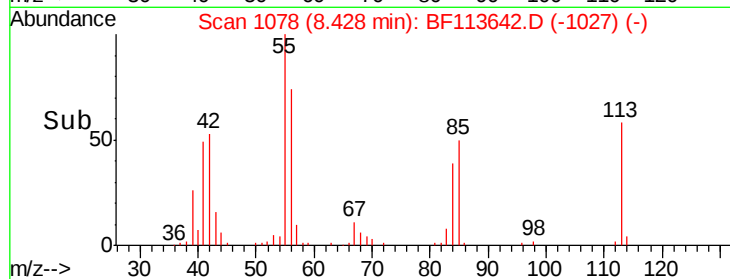
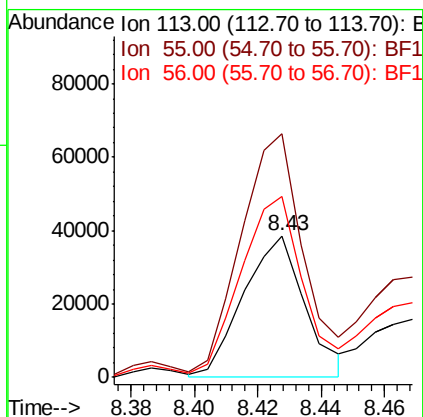
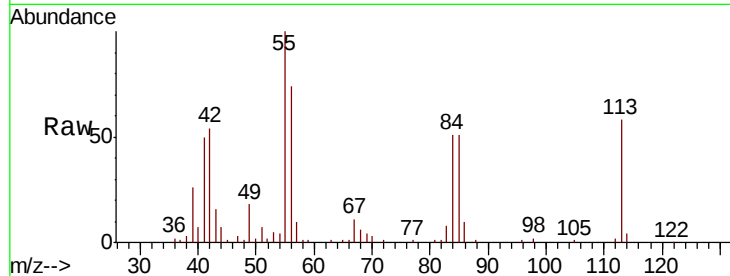




#35  
 Caprolactam  
 Concen: 19.374 ng  
 RT: 8.43 min Scan# 1078  
 Delta R.T. 0.00 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

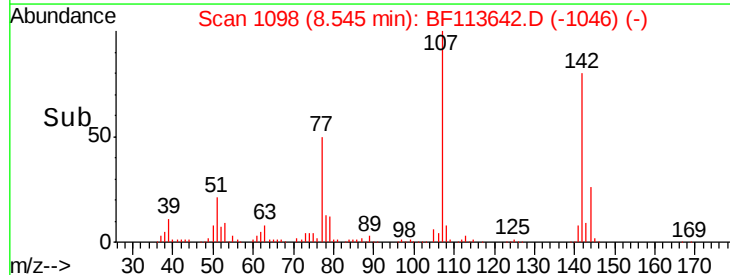
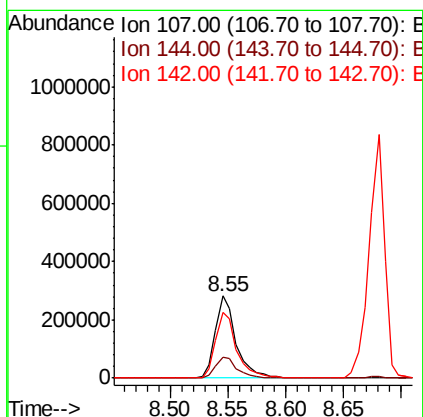
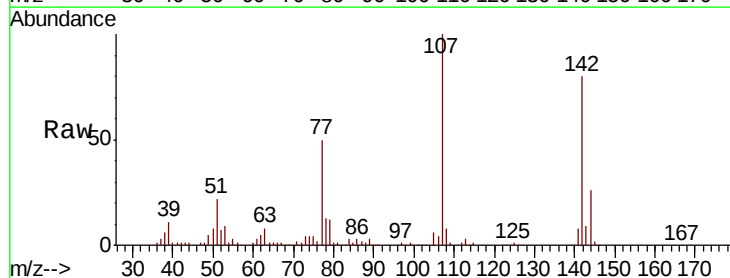
Instrument :  
 BNA\_F  
 ClientSampled :

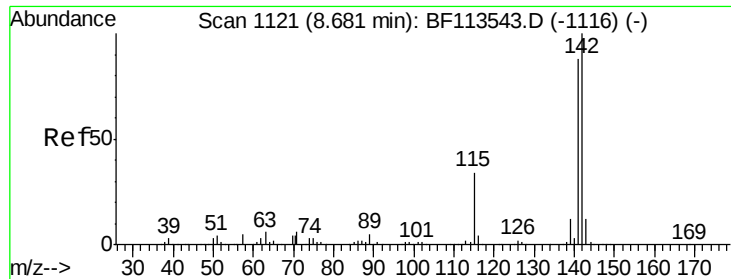
Tot Ion:113 Resp: 51922  
 Ion Ratio Lower Upper  
 113 100  
 55 171.9 152.7 192.7  
 56 127.3 108.3 148.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.771 ng  
 RT: 8.55 min Scan# 1098  
 Delta R.T. 0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Tgt Ion:107 Resp: 354015  
 Ion Ratio Lower Upper  
 107 100  
 144 26.1 21.4 32.0  
 142 80.1 65.6 98.4

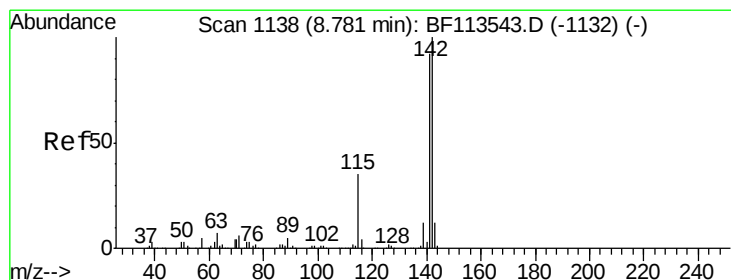
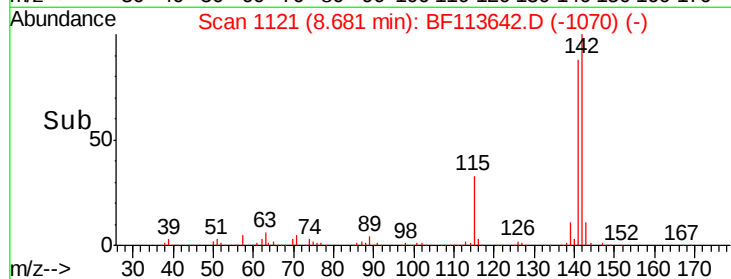
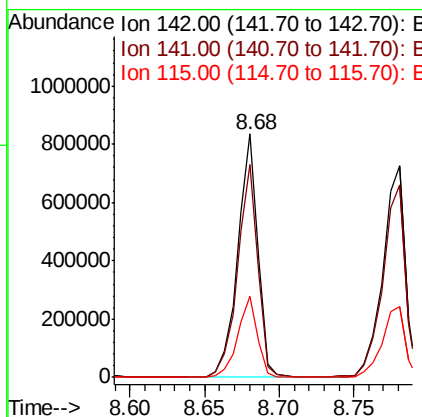
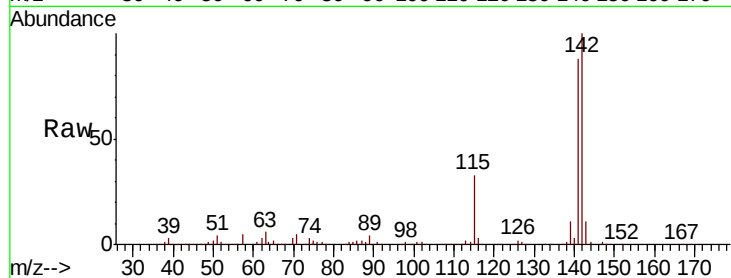




#37  
2-Methylnaphthalene  
Concen: 42.368 ng  
RT: 8.68 min Scan# 1121  
Delta R.T. 0.00 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

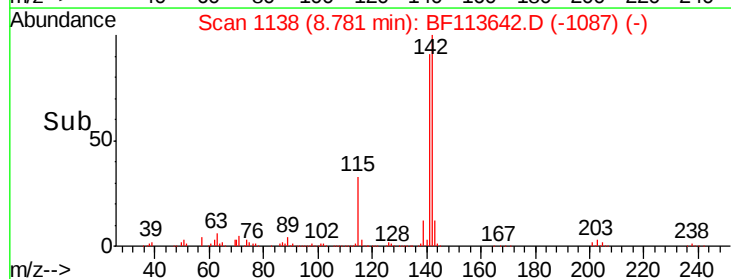
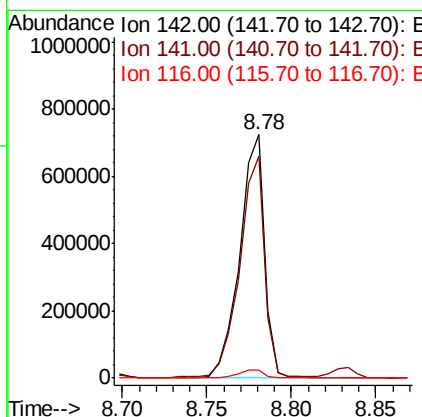
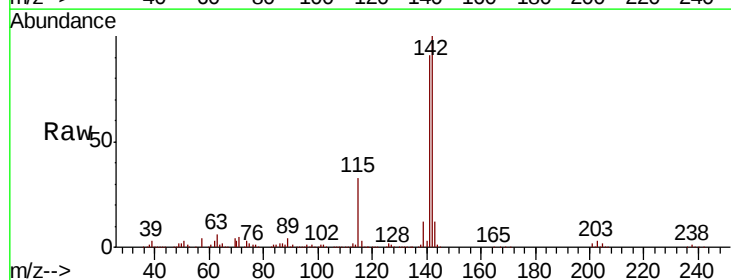
Instrument :  
BNA\_F  
ClientSampleID :

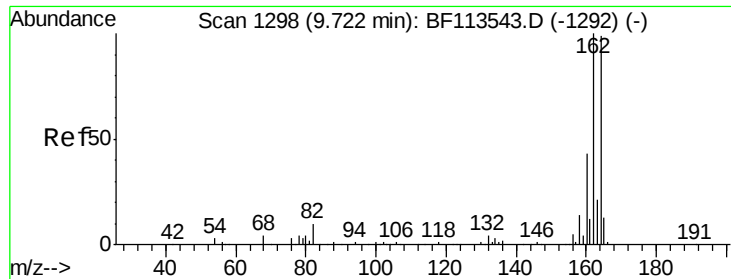
Tot Ion:142 Resp: 787570  
Ion Ratio Lower Upper  
142 100  
141 87.5 71.0 106.6  
115 33.3 26.6 39.8



#38  
1-Methylnaphthalene  
Concen: 41.244 ng  
RT: 8.78 min Scan# 1138  
Delta R.T. 0.00 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Tgt Ion:142 Resp: 739273  
Ion Ratio Lower Upper  
142 100  
141 91.4 73.2 109.8  
116 3.4 3.0 4.4

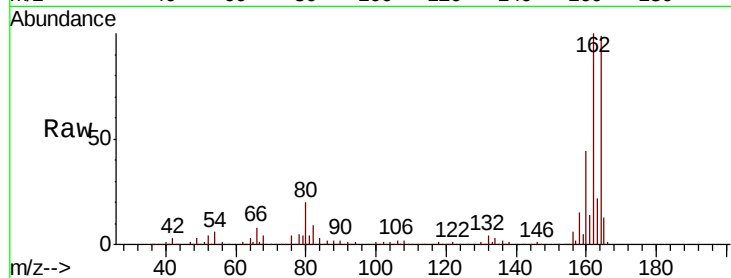




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.72 min Scan# 1297  
 Delta R.T. -0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.3 | 81.8  | 122.6 |
| 160     | 44.6  | 36.4  | 54.6  |

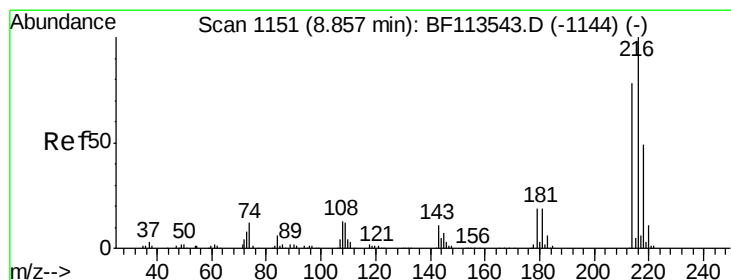
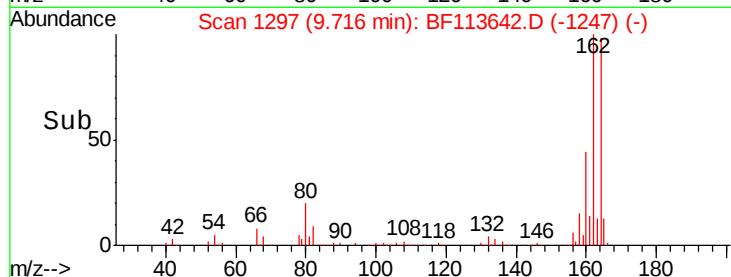
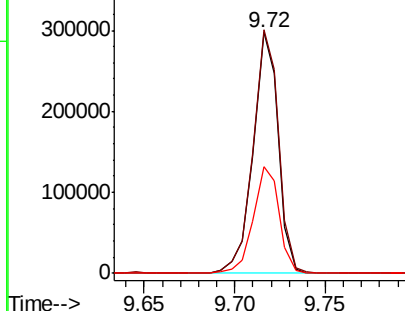


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.584 ng  
 RT: 8.85 min Scan# 1150  
 Delta R.T. -0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.8  | 63.0  | 94.6  |
| 179     | 20.2  | 16.8  | 25.2  |
| 108     | 17.8  | 13.8  | 20.6  |

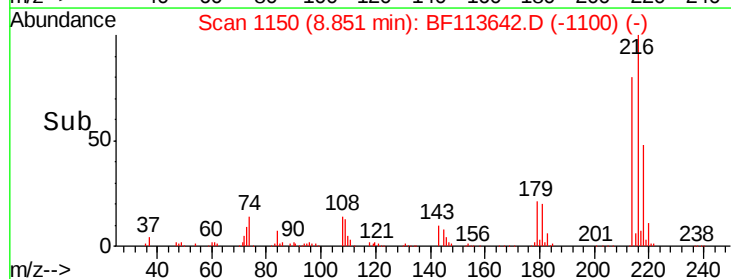
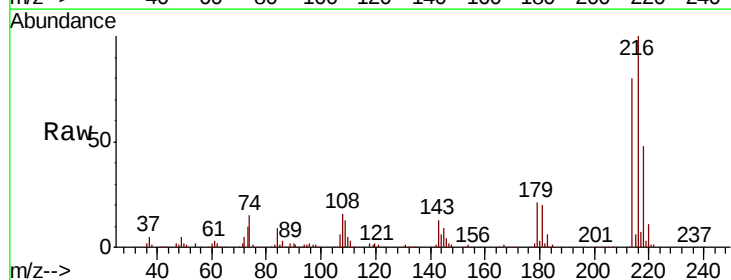
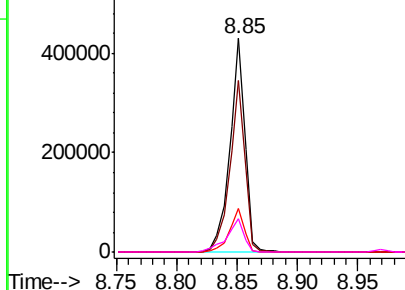
Abundance

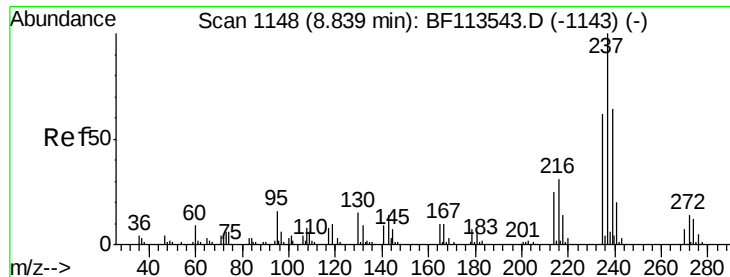
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.228 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampleId :

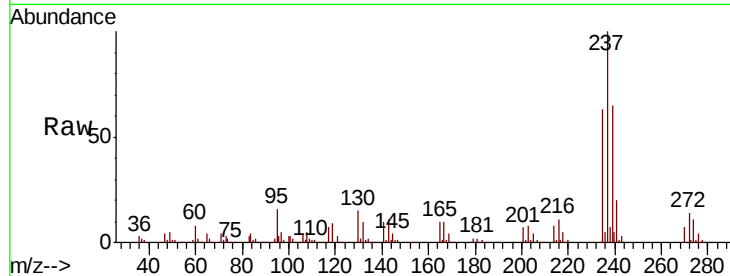
Tot Ion:237 Resp: 270699

Ion Ratio Lower Upper

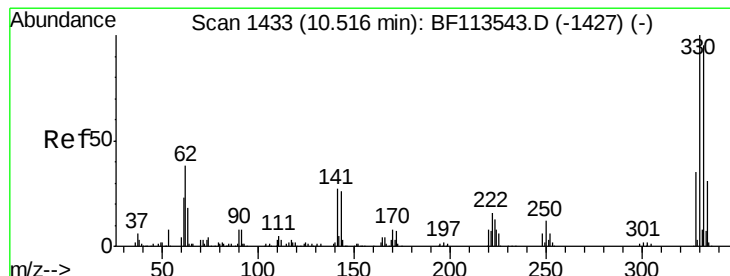
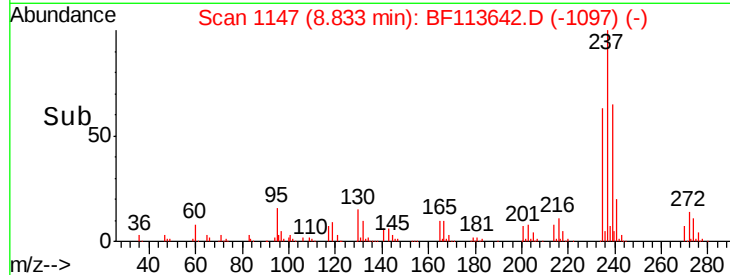
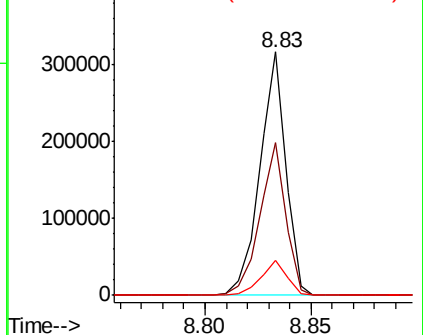
237 100

235 62.5 43.4 83.4

272 14.2 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: 127.068 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

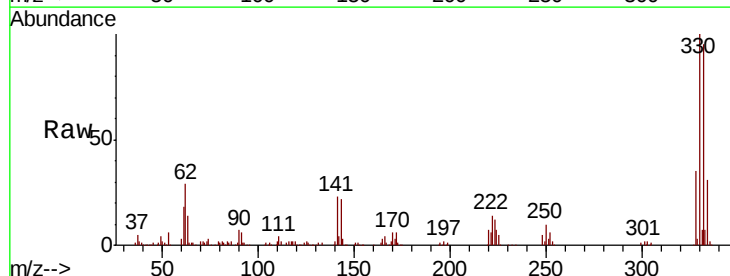
Tgt Ion:330 Resp: 435508

Ion Ratio Lower Upper

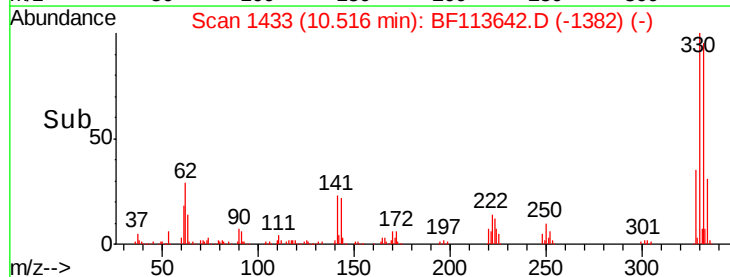
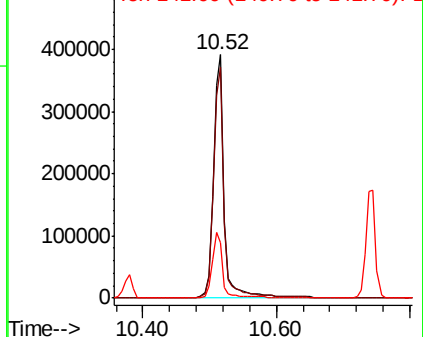
330 100

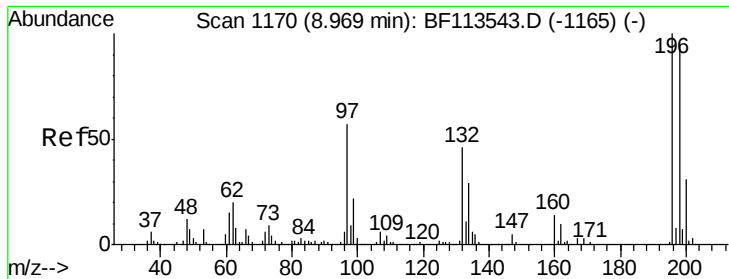
332 95.7 77.8 116.6

141 26.3 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

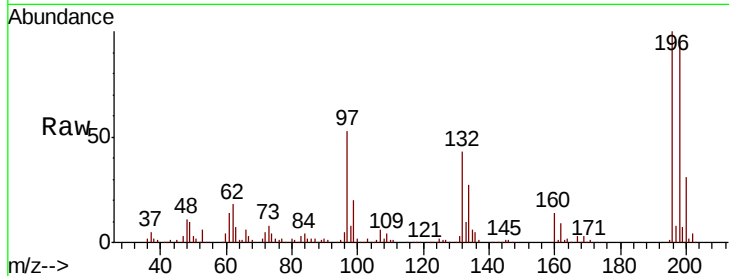




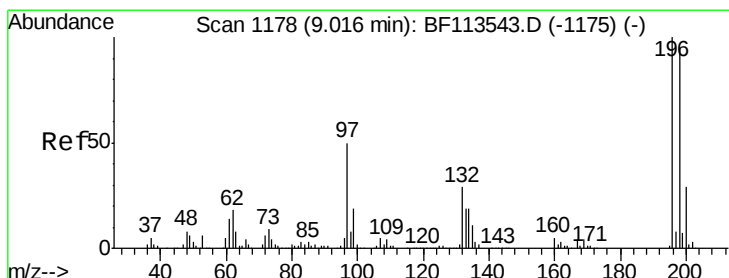
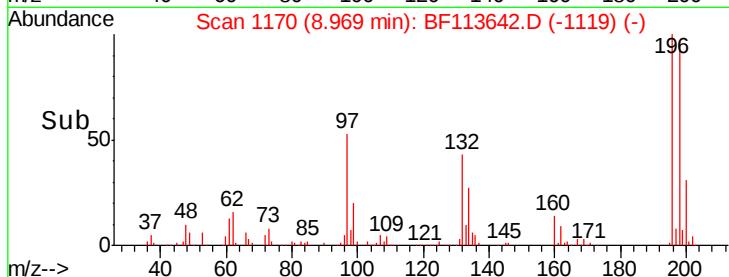
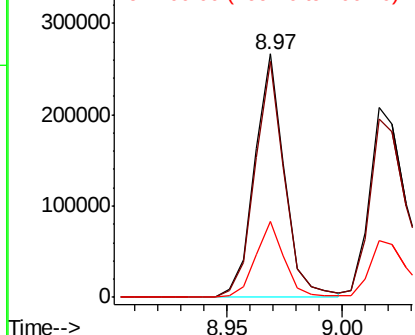
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.375 ng  
 RT: 8.97 min Scan# 1170  
 Delta R.T. 0.00 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.7  | 77.7  | 116.5 |
| 200     | 31.2  | 24.9  | 37.3  |



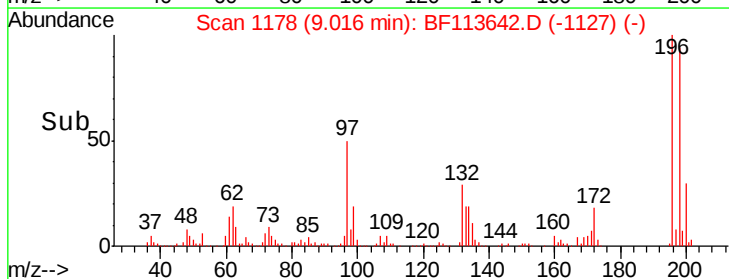
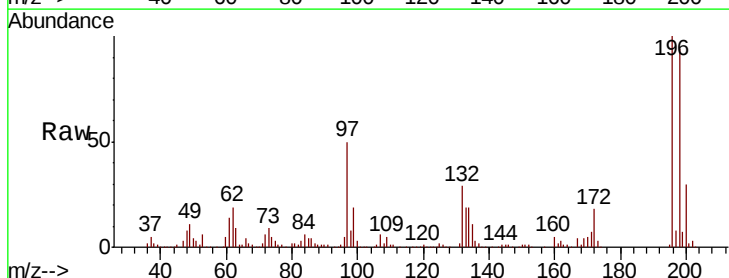
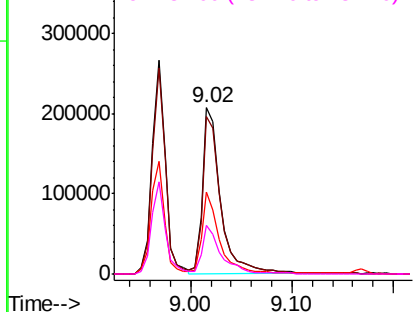
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

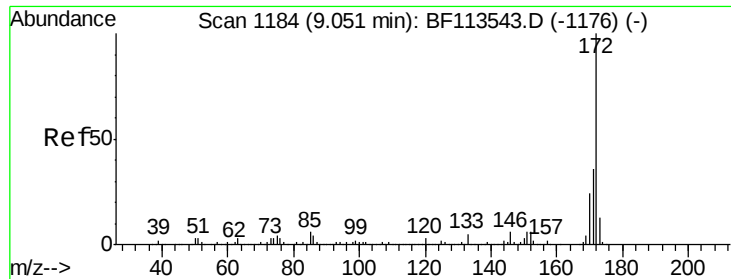


#44  
 2,4,5-Trichlorophenol  
 Concen: 41.461 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. 0.00 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.4  | 75.4  | 113.2 |
| 97      | 49.7  | 38.6  | 58.0  |
| 132     | 29.3  | 22.9  | 34.3  |

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

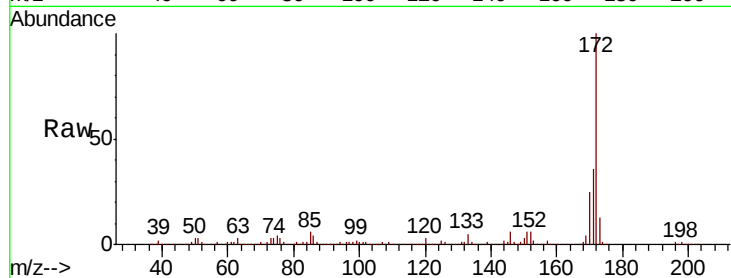




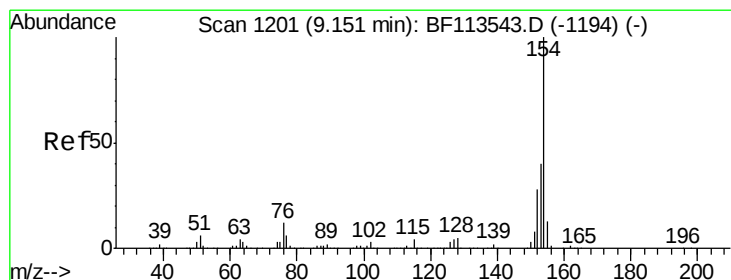
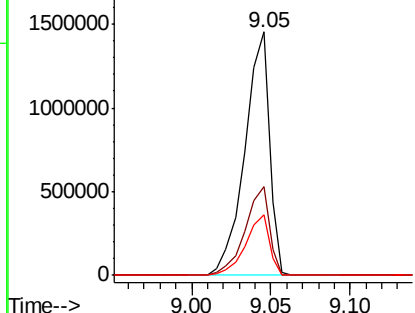
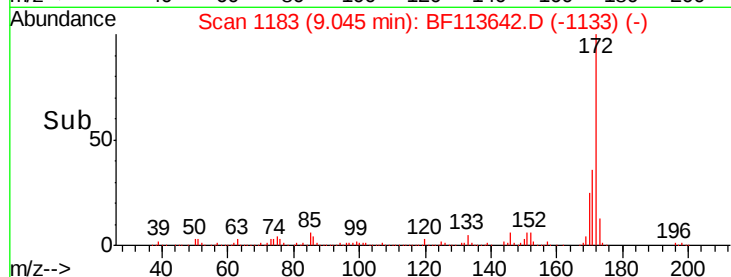
#45  
2-Fluorobiphenyl  
Concen: 88.494 ng  
RT: 9.05 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 1568362  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.0 43.6  
170 24.9 19.5 29.3

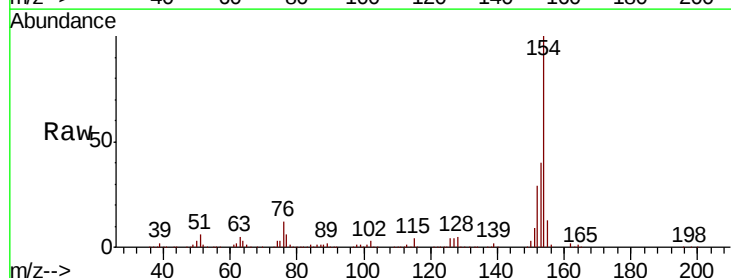


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

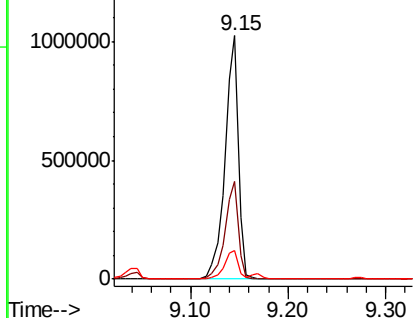
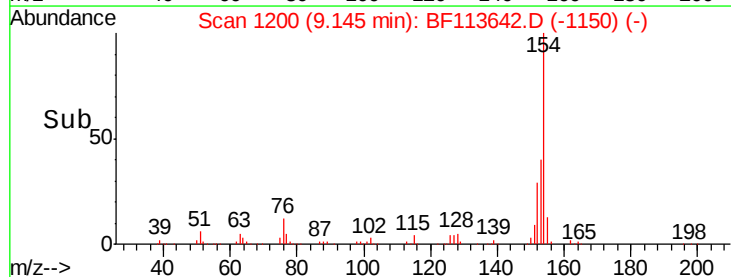


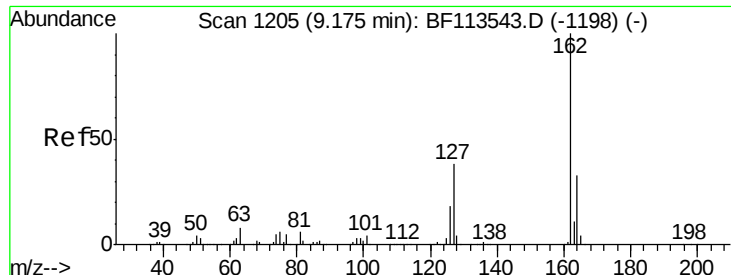
#46  
1,1'-Biphenyl  
Concen: 41.059 ng  
RT: 9.15 min Scan# 1200  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Tgt Ion:154 Resp: 966705  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.8 60.8  
76 11.6 0.0 31.9



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

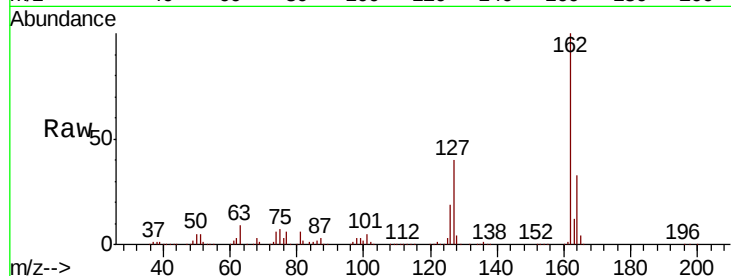




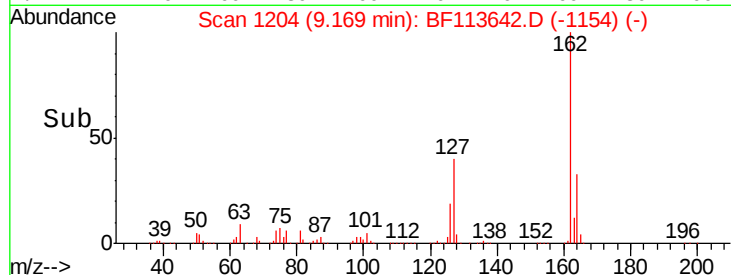
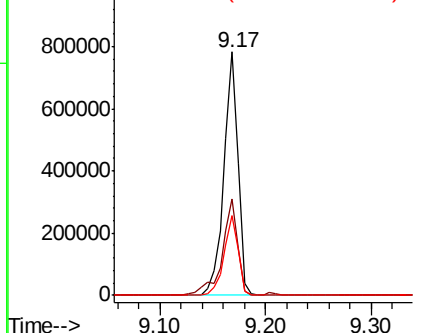
#47  
 2-Chloronaphthalene  
 Concen: 41.201 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.8  | 32.6  | 49.0  |
| 164     | 32.9  | 26.6  | 39.8  |

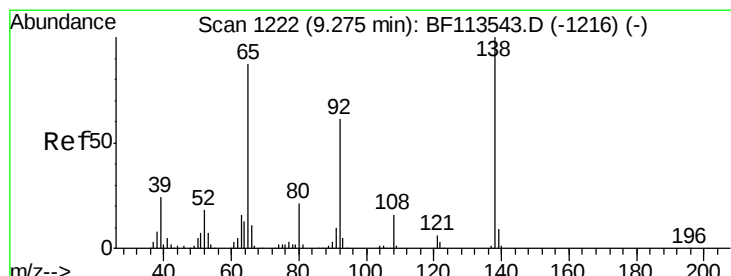


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

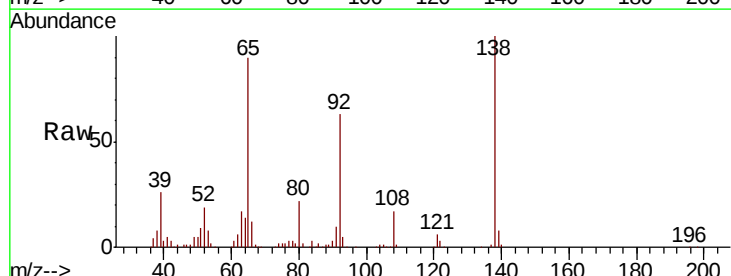
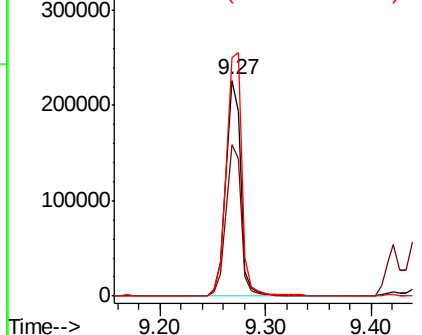


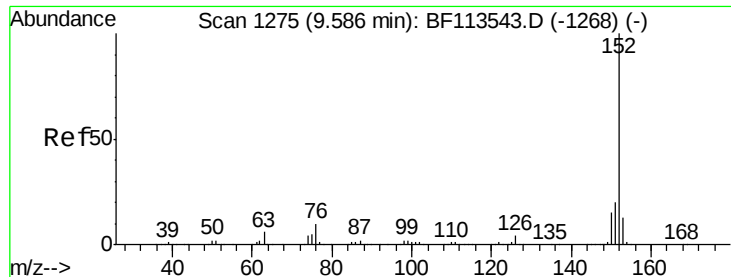
#48  
 2-Nitroaniline  
 Concen: 41.152 ng  
 RT: 9.27 min Scan# 1221  
 Delta R.T. -0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.9  | 56.8  | 85.2  |
| 138     | 110.7 | 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: 39.516 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampleId :

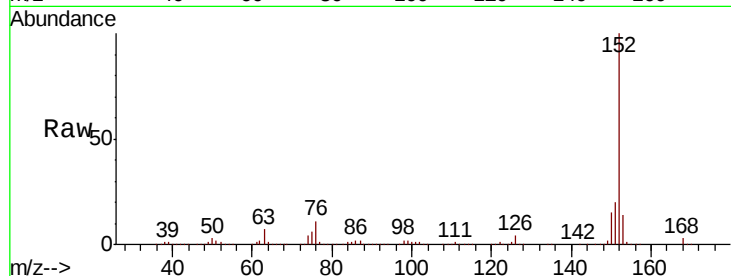
Tot Ion:152 Resp: 1145451

Ion Ratio Lower Upper

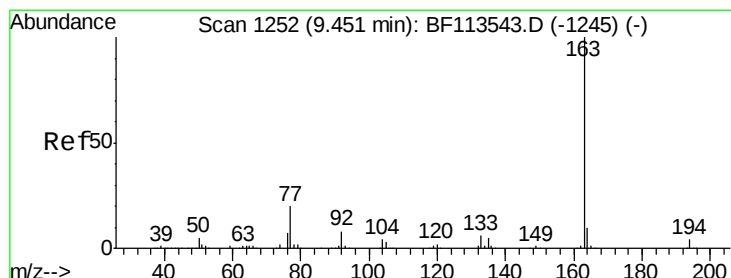
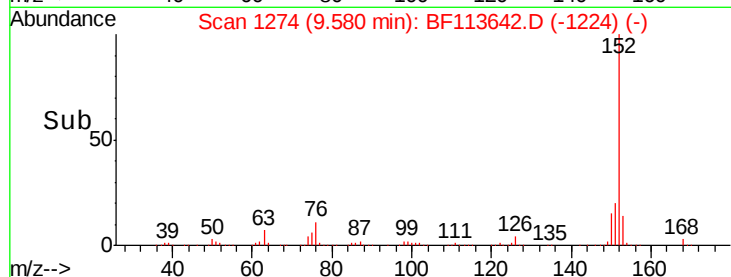
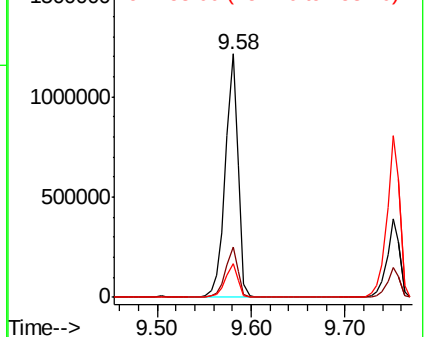
152 100

151 20.5 16.2 24.4

153 13.6 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: 40.895 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

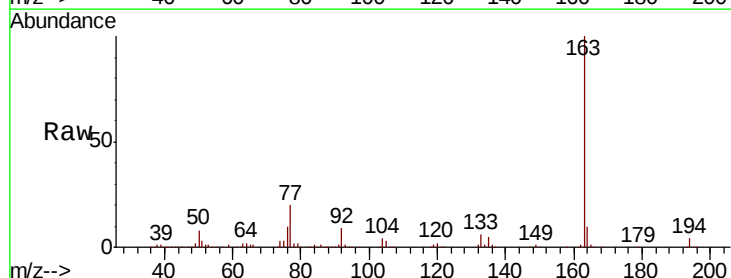
Tgt Ion:163 Resp: 860092

Ion Ratio Lower Upper

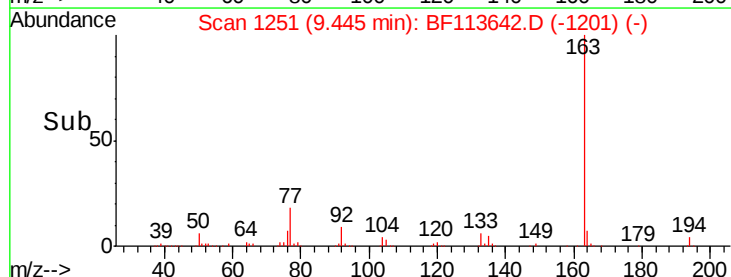
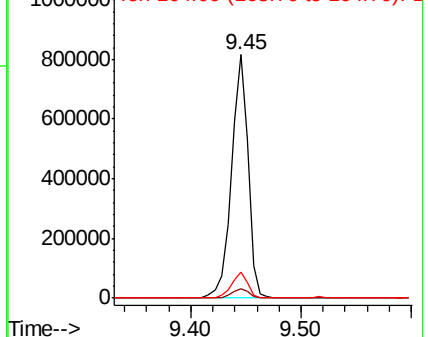
163 100

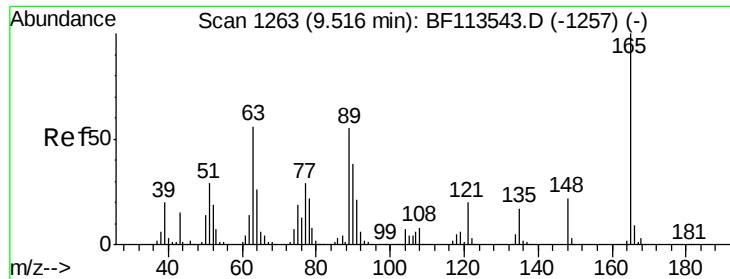
194 4.0 3.0 4.6

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: 40.916 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampleId :

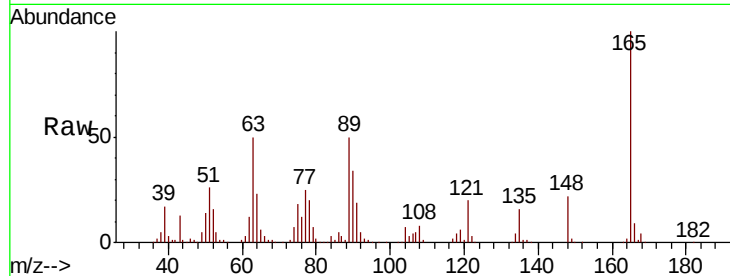
Tot Ion:165 Resp: 189686

Ion Ratio Lower Upper

165 100

63 50.0 43.4 65.0

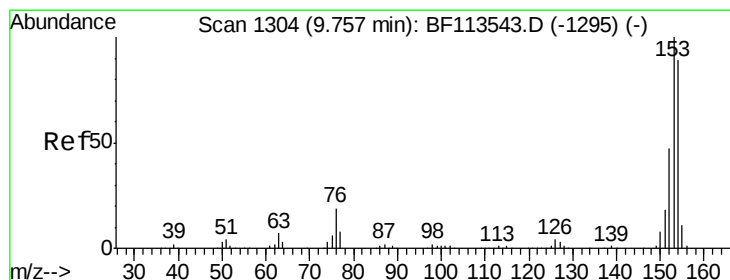
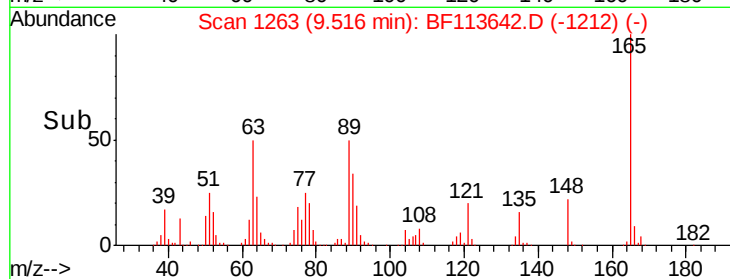
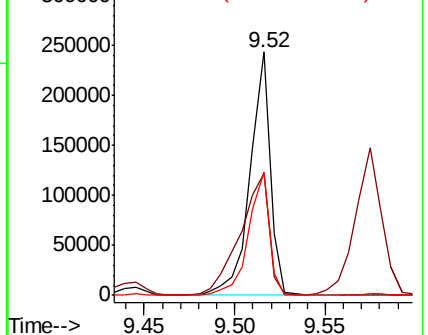
89 50.4 43.1 64.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.083 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

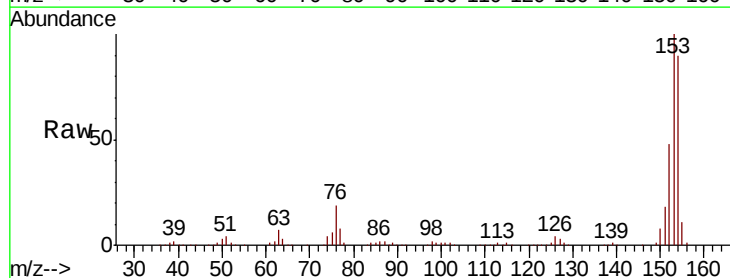
Tgt Ion:154 Resp: 681693

Ion Ratio Lower Upper

154 100

153 111.3 89.5 134.3

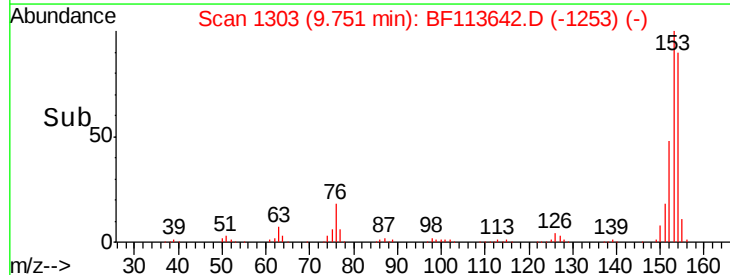
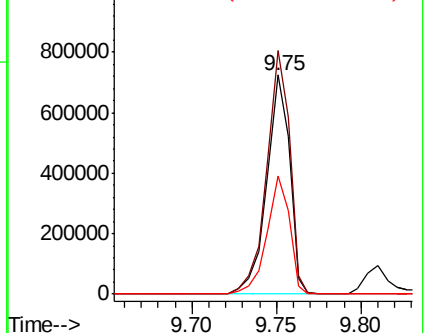
152 53.7 43.3 64.9

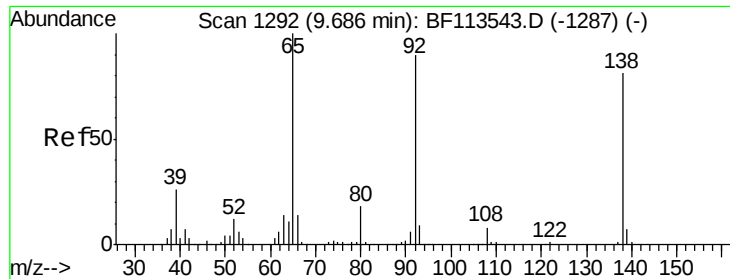


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

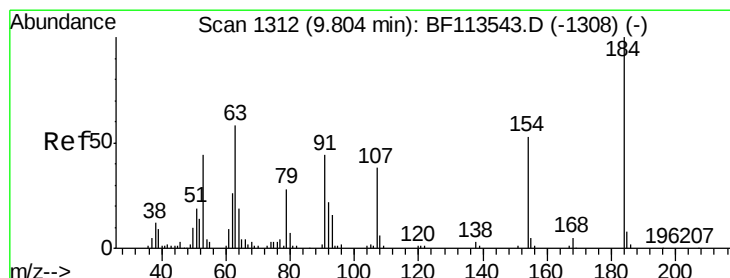
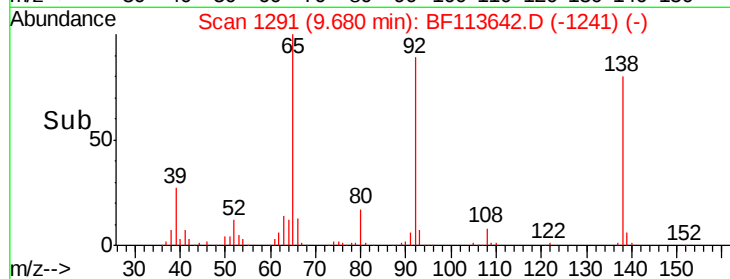
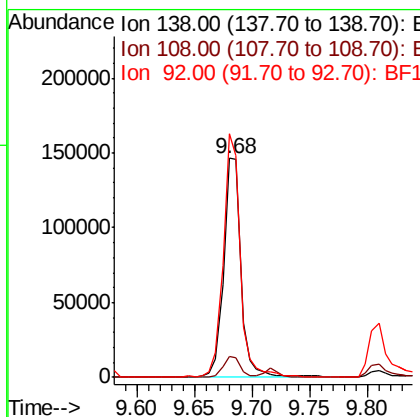
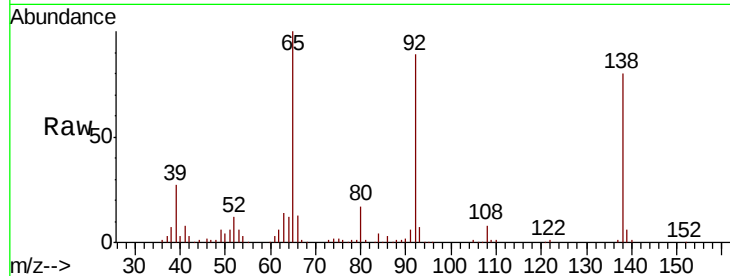




#53  
 3-Nitroaniline  
 Concen: 29.322 ng  
 RT: 9.68 min Scan# 1291  
 Delta R.T. -0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

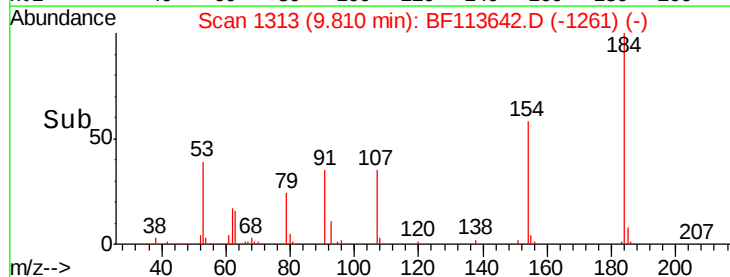
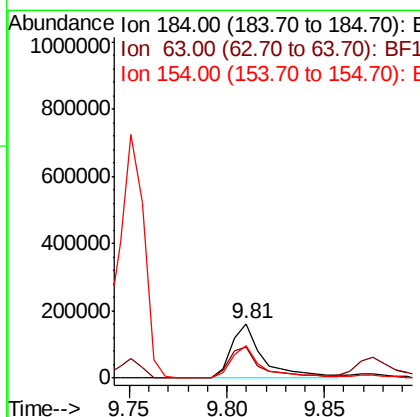
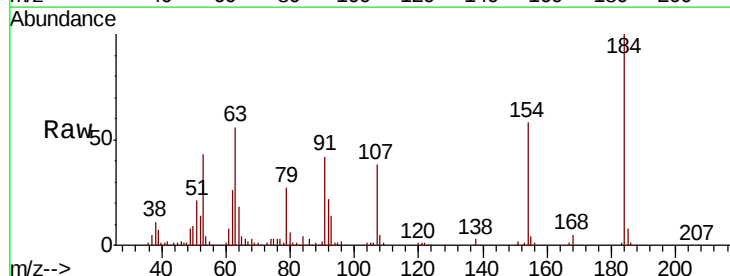
Instrument :  
 BNA\_F  
 ClientSampleId :

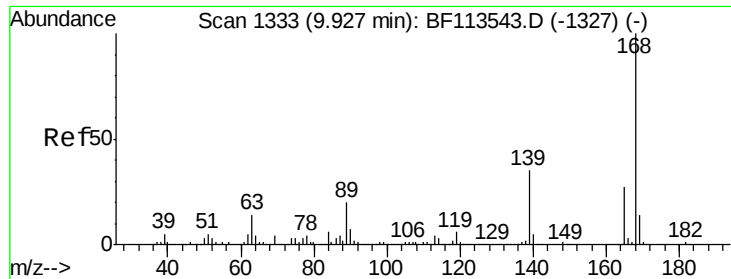
Tot Ion:138 Resp: 154550  
 Ion Ratio Lower Upper  
 138 100  
 108 9.5 7.8 11.6  
 92 111.0 82.6 124.0



#54  
 2,4-Dinitrophenol  
 Concen: 85.779 ng  
 RT: 9.81 min Scan# 1313  
 Delta R.T. 0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Tgt Ion:184 Resp: 186049  
 Ion Ratio Lower Upper  
 184 100  
 63 55.9 54.3 81.5  
 154 58.3 48.4 72.6

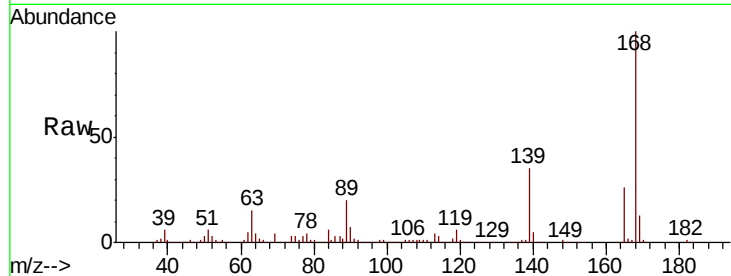




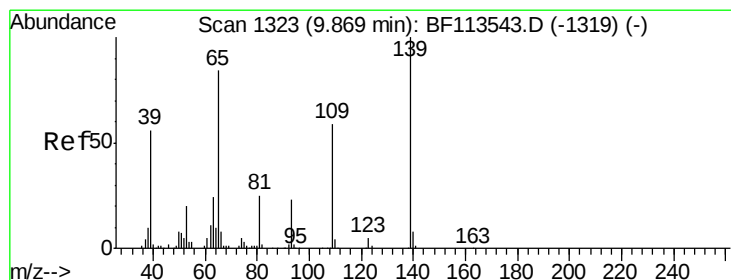
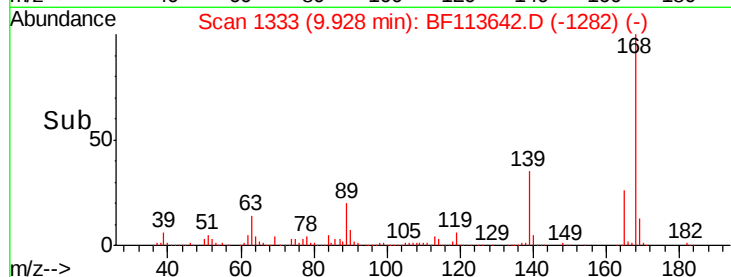
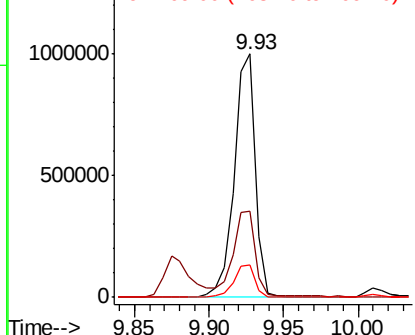
#55  
Dibenzofuran  
Concen: 40.605 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:168 Resp: 988352  
Ion Ratio Lower Upper  
168 100  
139 35.4 29.7 44.5  
169 13.3 10.7 16.1

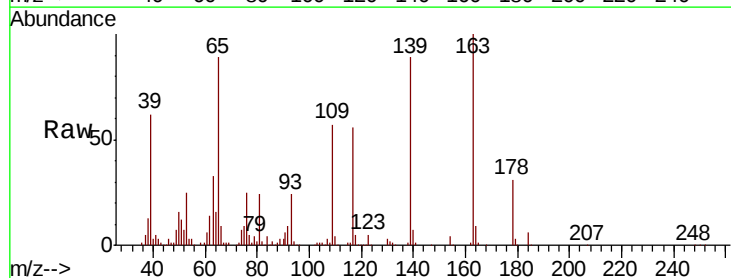


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

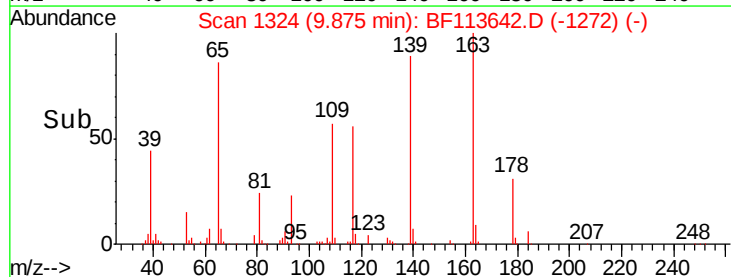
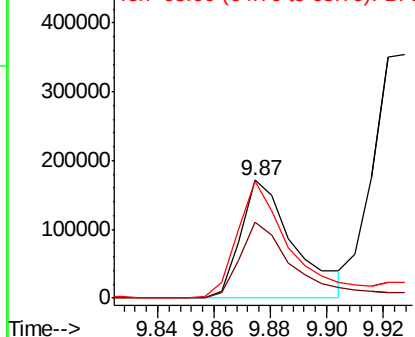


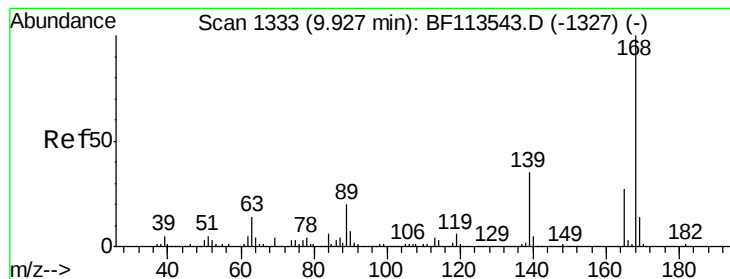
#56  
4-Nitrophenol  
Concen: 68.558 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Tgt Ion:139 Resp: 224162  
Ion Ratio Lower Upper  
139 100  
109 64.2 46.9 86.9  
65 99.2 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: 41.876 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:165 Resp: 234791

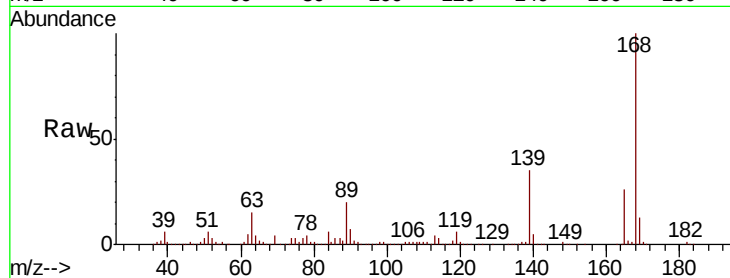
Ion Ratio Lower Upper

165 100

63 55.2 37.5 56.3

89 75.0 57.4 86.2

182 2.6 2.0 3.0

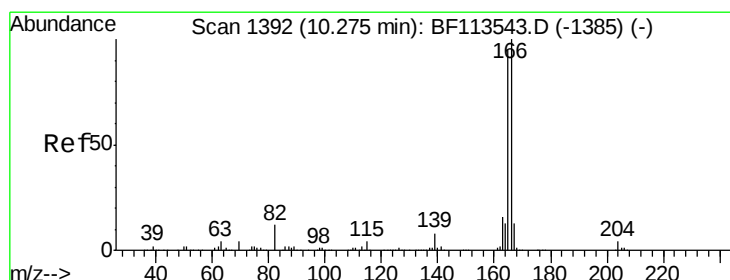
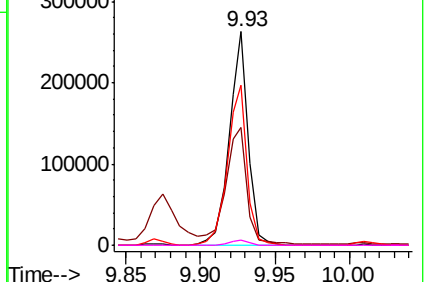
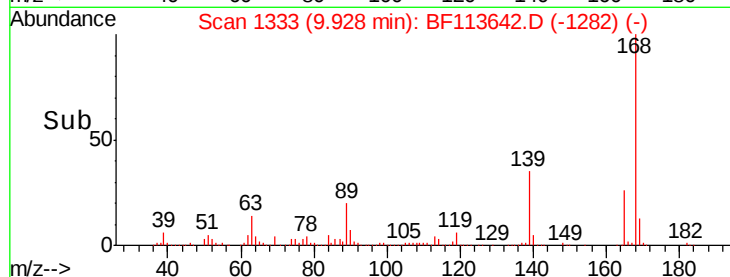


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.011 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

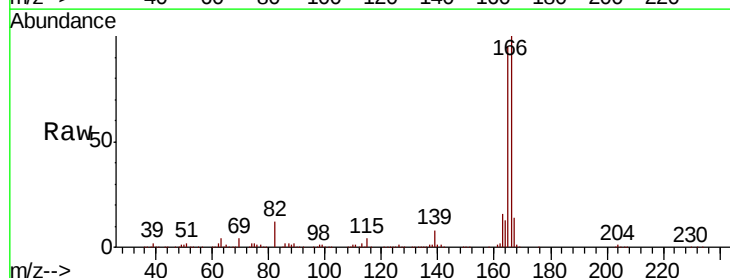
Tgt Ion:166 Resp: 789526

Ion Ratio Lower Upper

166 100

165 94.6 76.2 114.2

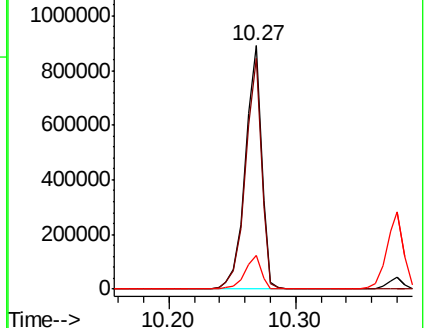
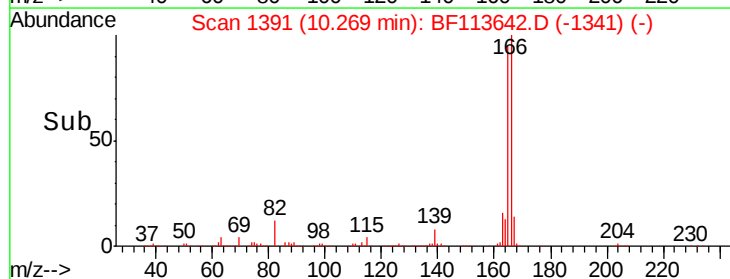
167 13.9 10.7 16.1

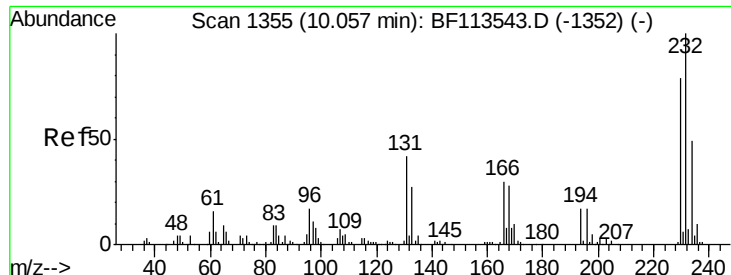


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

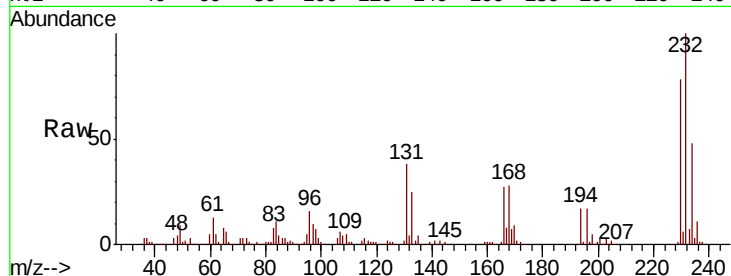




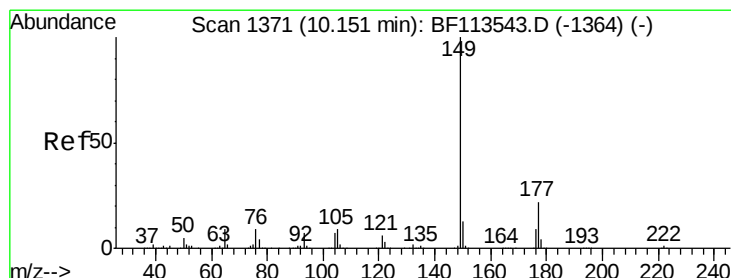
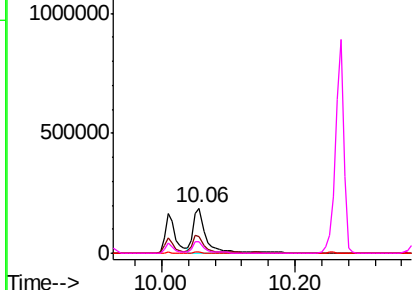
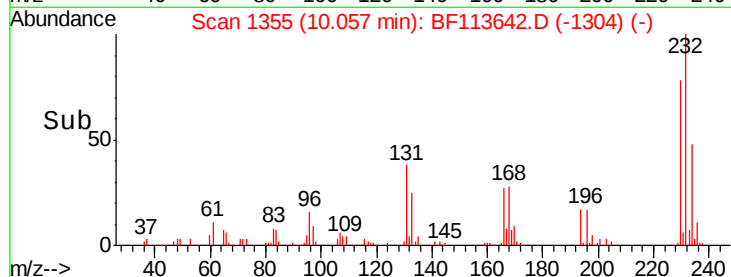
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.913 ng  
 RT: 10.06 min Scan# 1355  
 Delta R.T. 0.00 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 243100 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 39.6  | 33.2  | 49.8   |
| 130      | 1.8   | 1.6   | 2.4    |
| 166      | 25.2  | 21.0  | 31.6   |

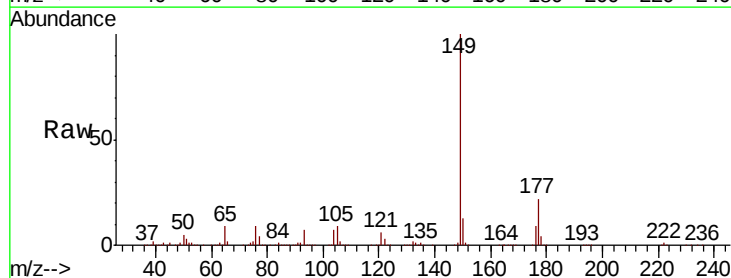


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

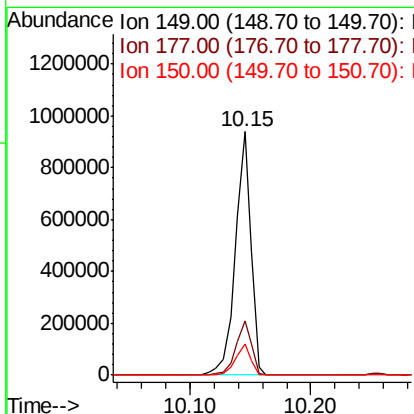
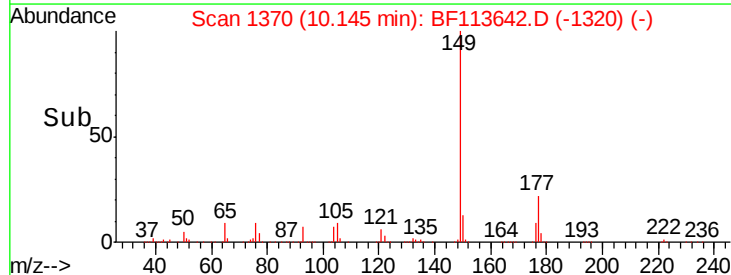


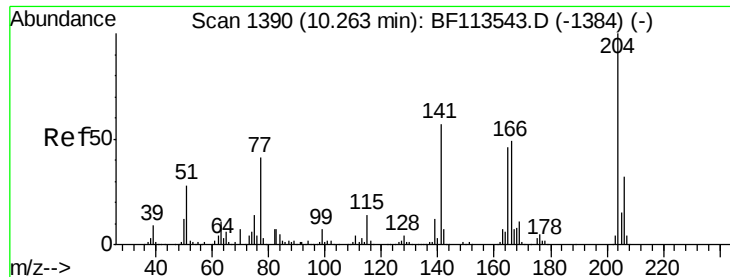
#60  
 Diethylphthalate  
 Concen: 41.758 ng  
 RT: 10.15 min Scan# 1370  
 Delta R.T. -0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 846755 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.3  | 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

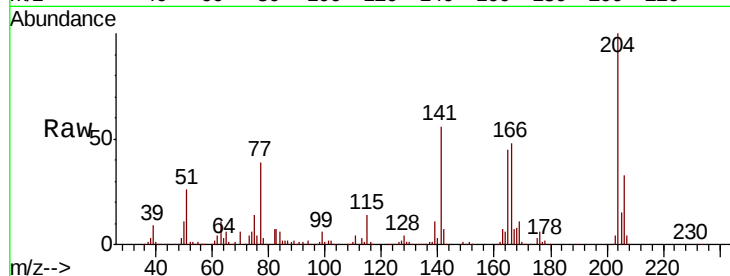




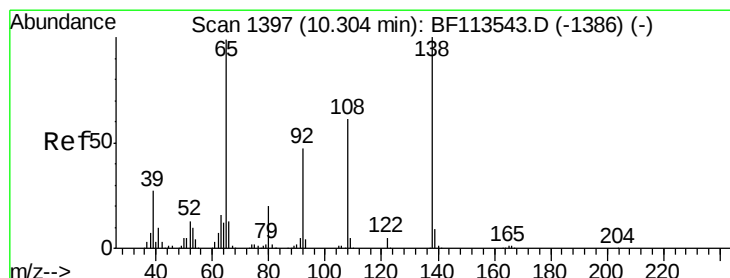
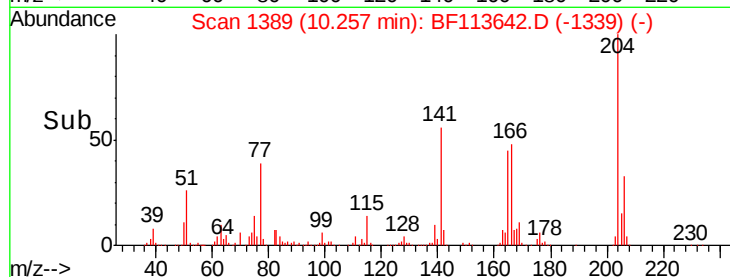
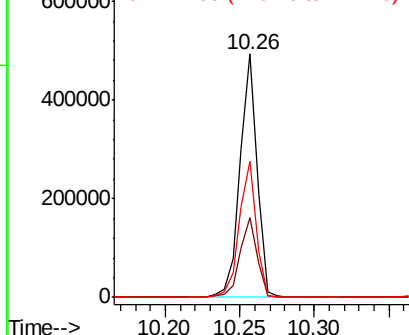
#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.820 ng  
 RT: 10.26 min Scan# 1389  
 Delta R.T. -0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:204 Resp: 396001  
 Ion Ratio Lower Upper  
 204 100  
 206 32.9 26.9 40.3  
 141 55.7 48.8 73.2

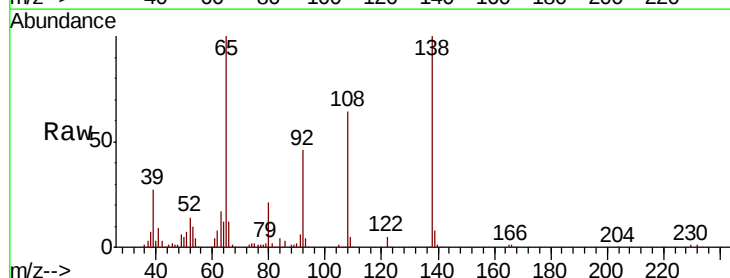


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

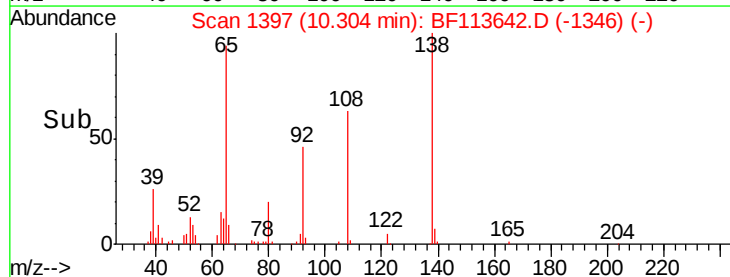
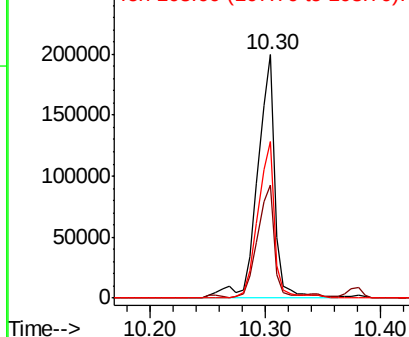


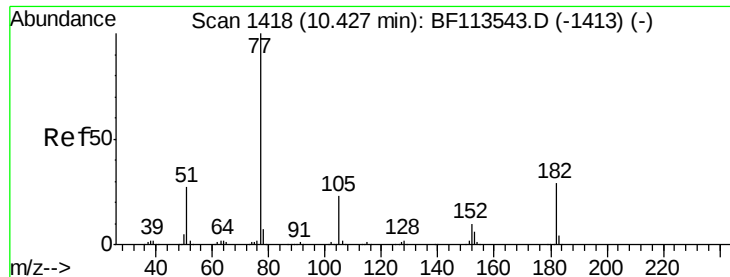
#62  
 4-Nitroaniline  
 Concen: 39.681 ng  
 RT: 10.30 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Tgt Ion:138 Resp: 212687  
 Ion Ratio Lower Upper  
 138 100  
 92 46.2 25.8 65.8  
 108 64.1 44.0 84.0



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





#63

Azobenzene

Concen: 40.468 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

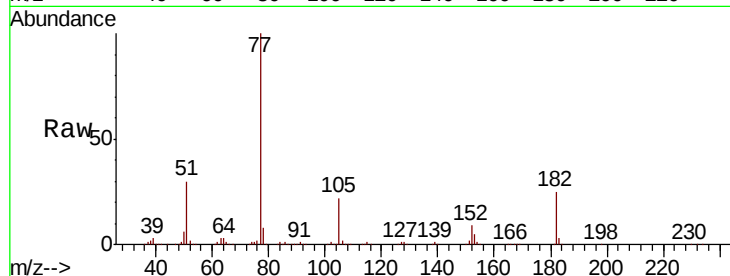
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 776966

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 24.7  | 8.7   | 48.7  |
| 105 | 22.3  | 2.9   | 42.9  |
| 51  | 29.9  | 8.8   | 48.8  |

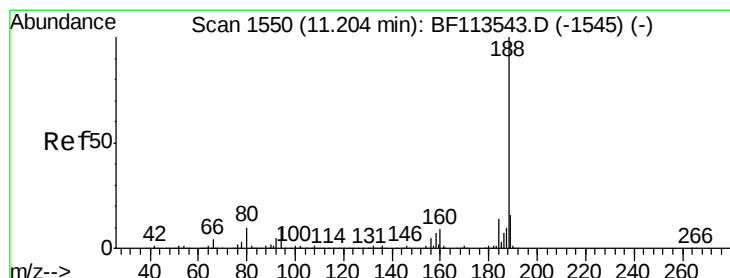
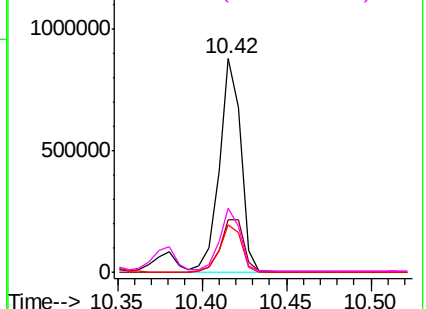
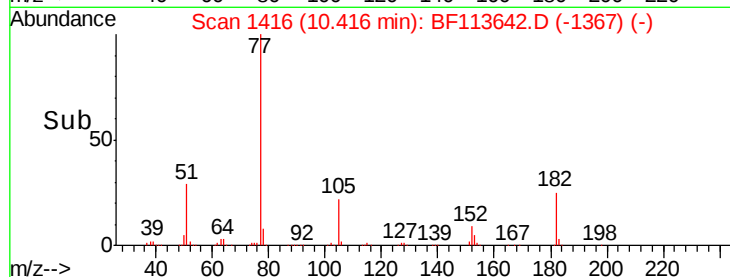


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

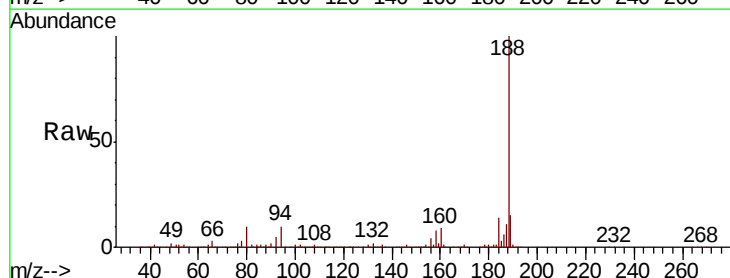
Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Tgt Ion: 188 Resp: 577237

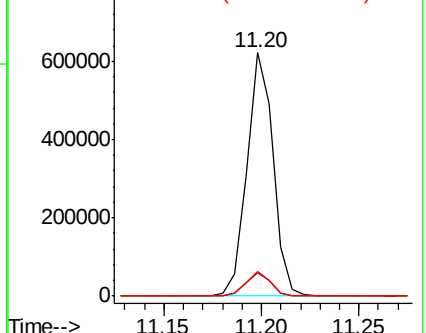
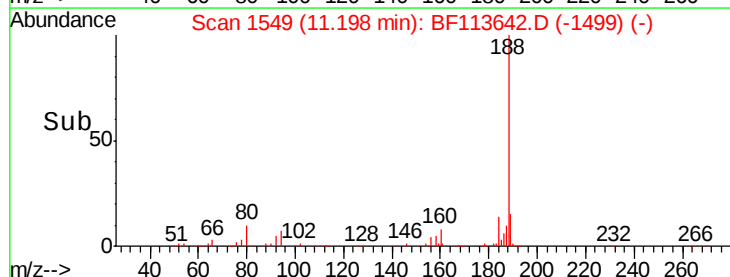
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.6   | 7.0   | 10.6  |
| 80  | 10.0  | 7.7   | 11.5  |

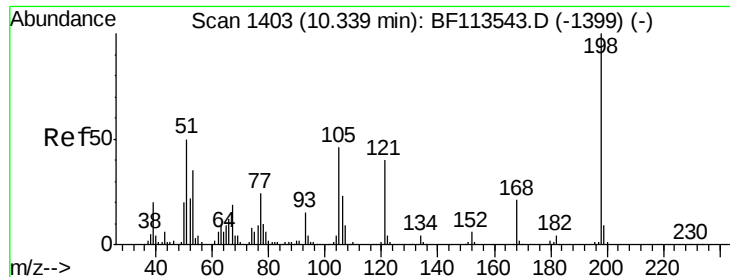


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

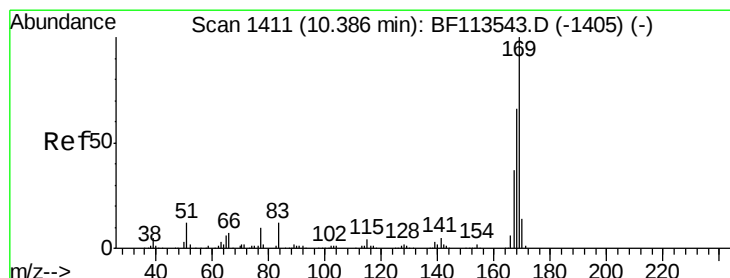
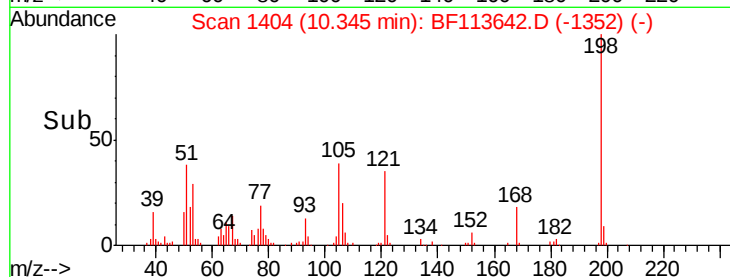
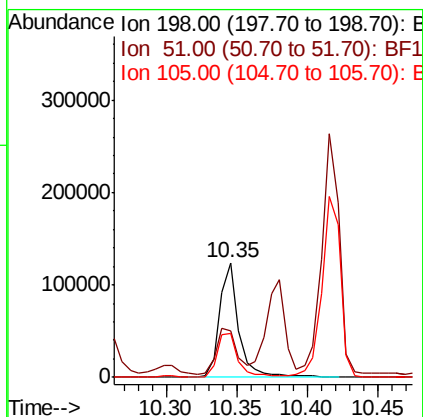
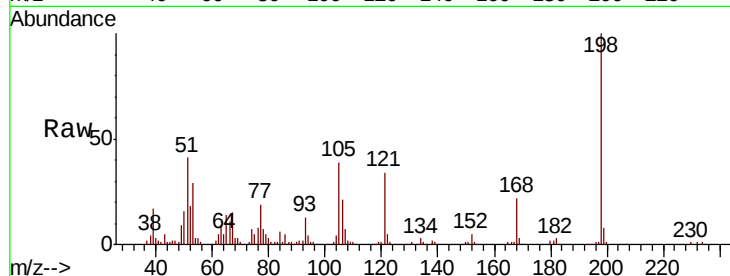




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.684 ng  
RT: 10.35 min Scan# 1404  
Delta R.T. 0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

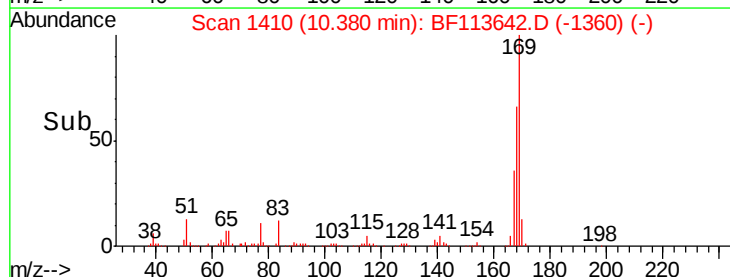
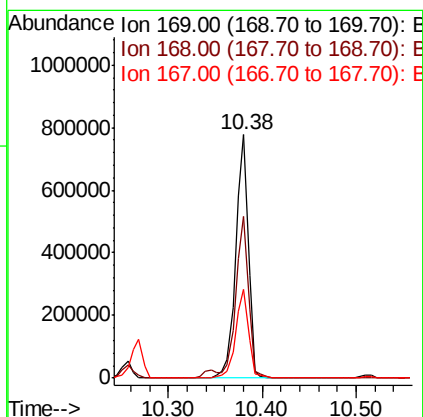
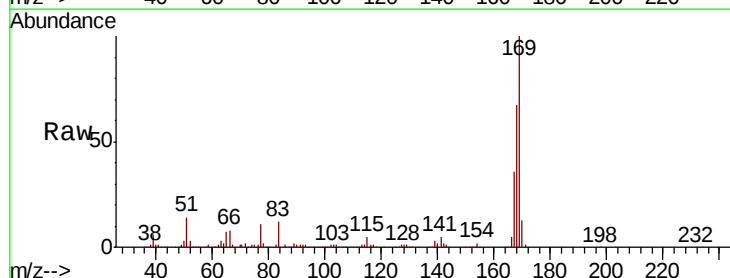
Instrument :  
BNA\_F  
ClientSampleId :

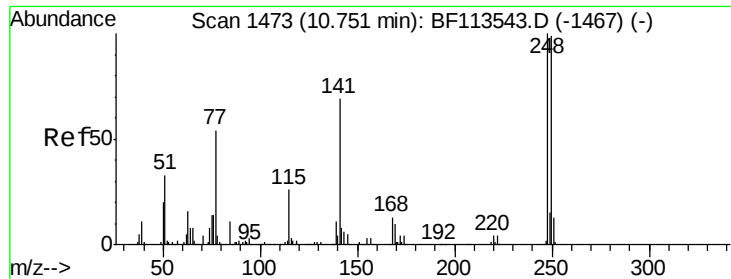
Tot Ion:198 Resp: 117557  
Ion Ratio Lower Upper  
198 100  
51 40.7 21.6 61.6  
105 38.8 20.6 60.6



#66  
n-Nitrosodiphenylamine  
Concen: 40.909 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Tgt Ion:169 Resp: 724948  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.7 80.5  
167 36.3 29.5 44.3

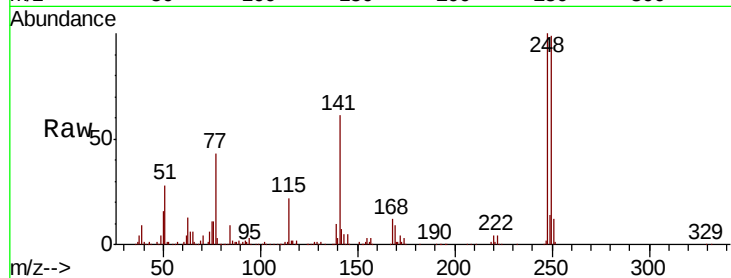




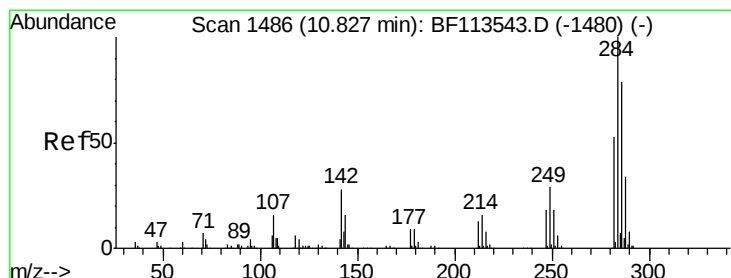
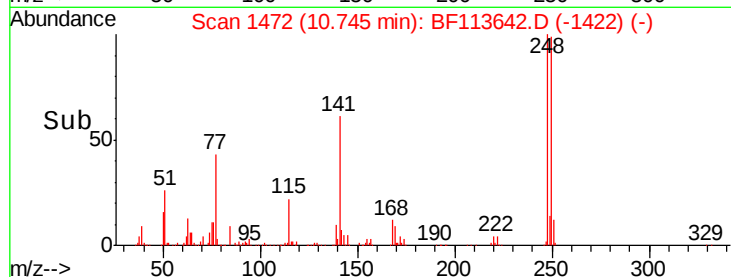
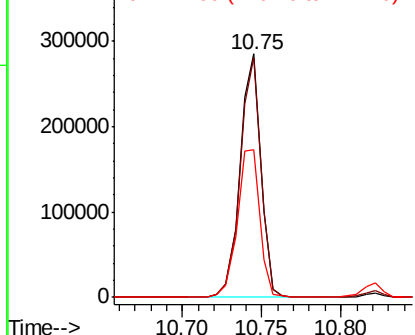
#67  
4-Bromophenyl-phenylether  
Concen: 40.205 ng  
RT: 10.75 min Scan# 1472  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 260288  
Ion Ratio Lower Upper  
248 100  
250 98.5 78.3 117.5  
141 60.6 56.2 84.4

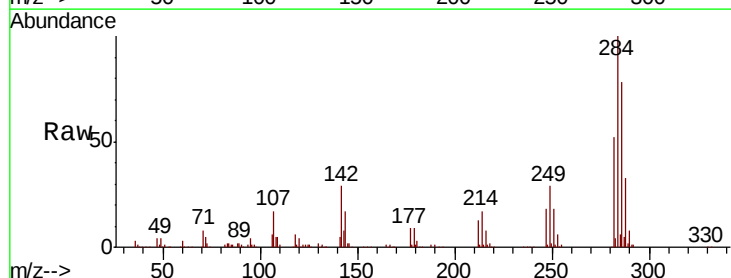


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

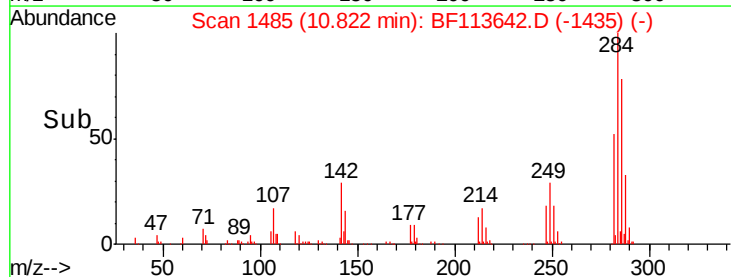
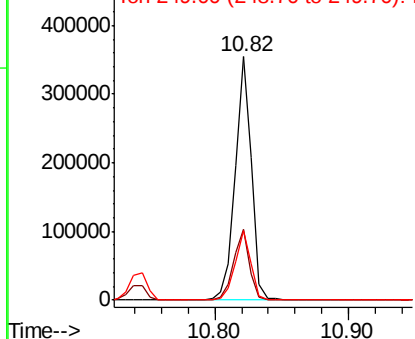


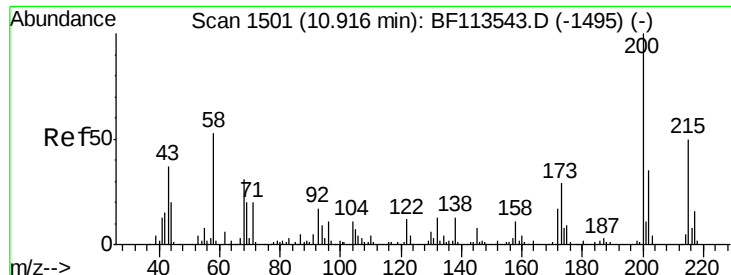
#68  
Hexachlorobenzene  
Concen: 40.898 ng  
RT: 10.82 min Scan# 1485  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Tgt Ion:284 Resp: 303381  
Ion Ratio Lower Upper  
284 100  
142 29.2 20.1 30.1  
249 28.6 22.7 34.1



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

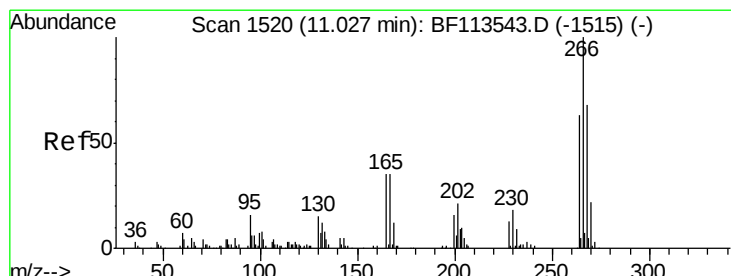
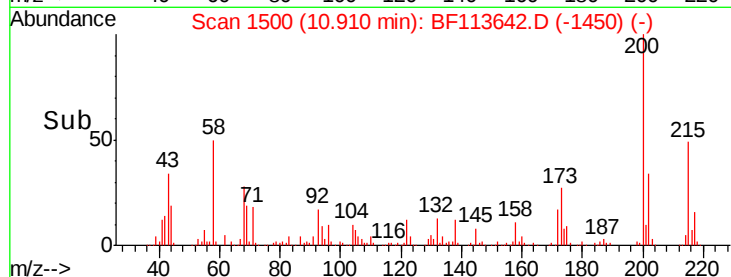
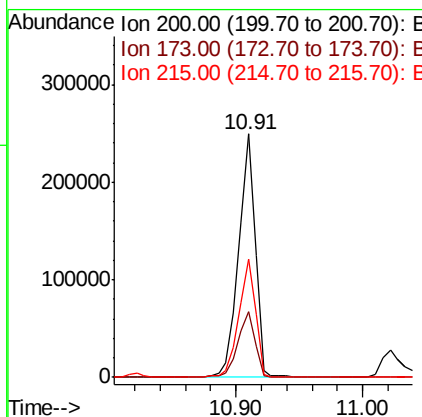
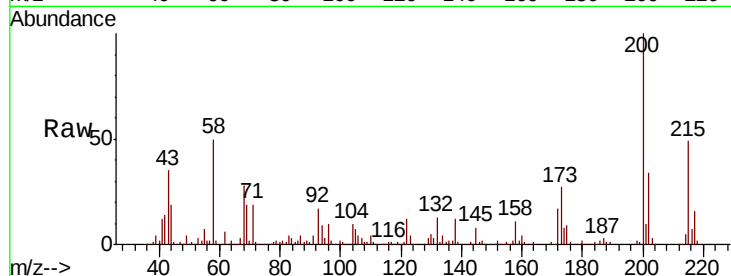




#69  
Atrazine  
Concen: 40.176 ng  
RT: 10.91 min Scan# 1500  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

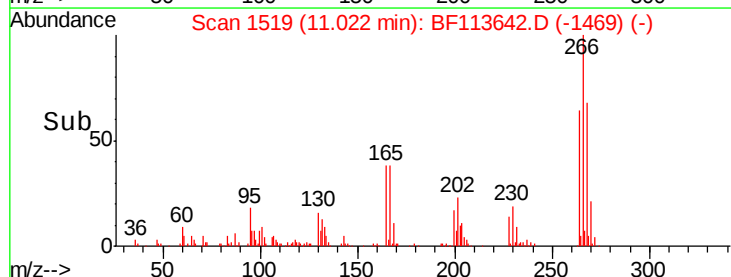
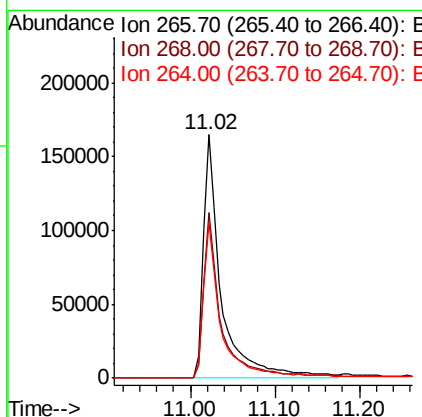
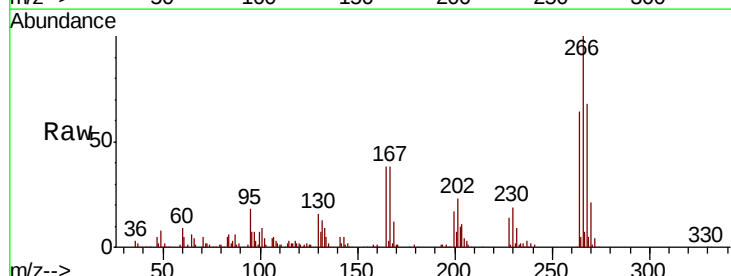
Instrument :  
BNA\_F  
ClientSampleId :

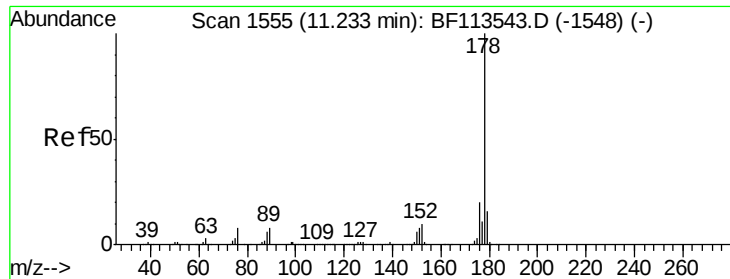
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.1  | 6.0   | 46.0  |
| 215     | 48.6  | 31.3  | 71.3  |



#70  
Pentachlorophenol  
Concen: 69.691 ng  
RT: 11.02 min Scan# 1519  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 67.8  | 53.8  | 80.6  |
| 264     | 63.9  | 49.2  | 73.8  |

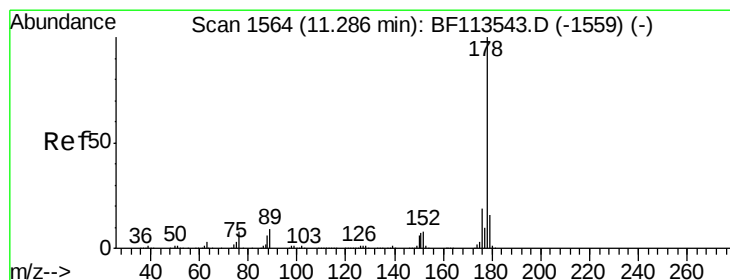
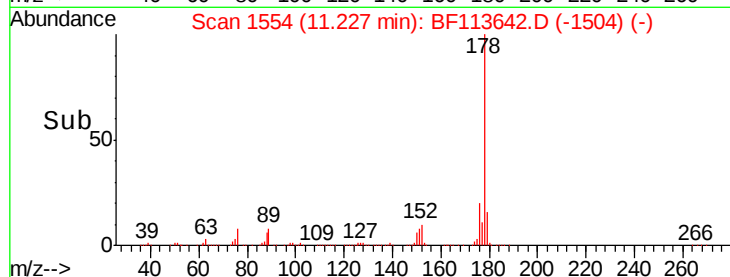
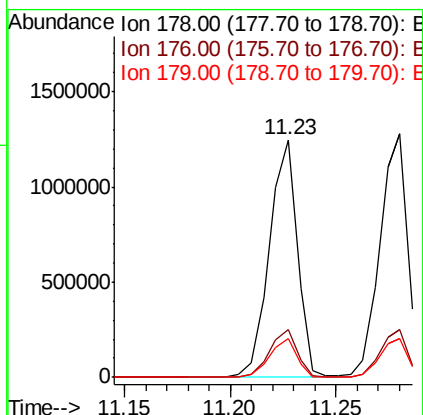
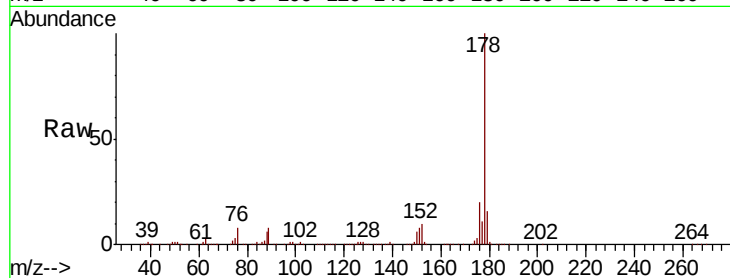




#71  
Phenanthrene  
Concen: 40.310 ng  
RT: 11.23 min Scan# 1554  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

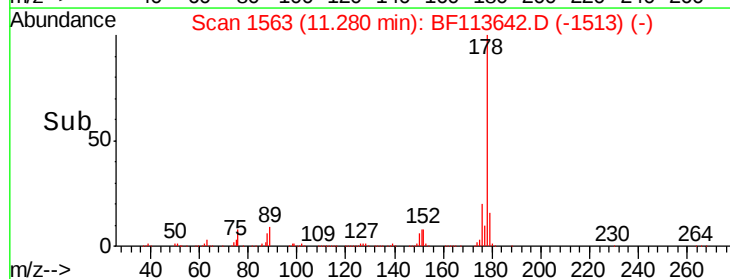
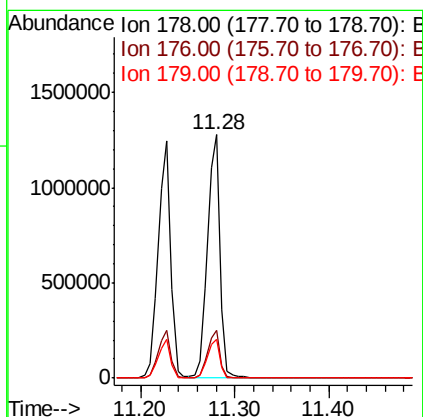
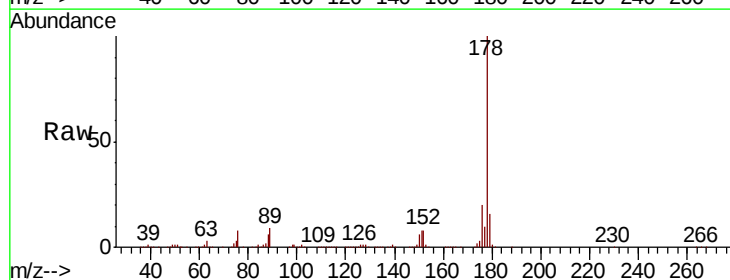
Instrument :  
BNA\_F  
ClientSampleId :

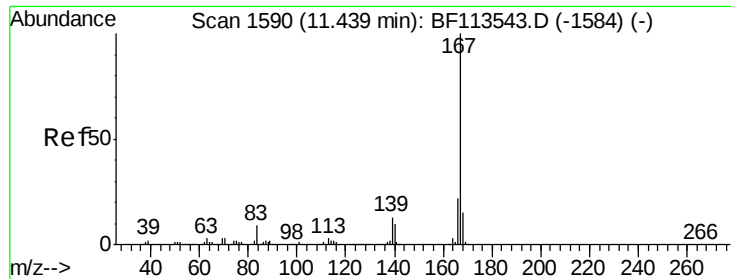
Tot Ion:178 Resp: 1156214  
Ion Ratio Lower Upper  
178 100  
176 20.0 16.2 24.2  
179 16.1 12.7 19.1



#72  
Anthracene  
Concen: 41.211 ng  
RT: 11.28 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Tgt Ion:178 Resp: 1202673  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.2  
179 16.0 12.8 19.2

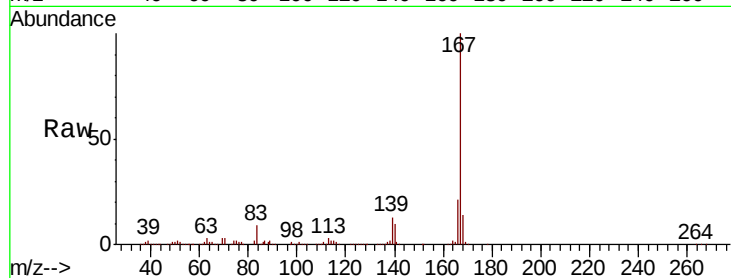




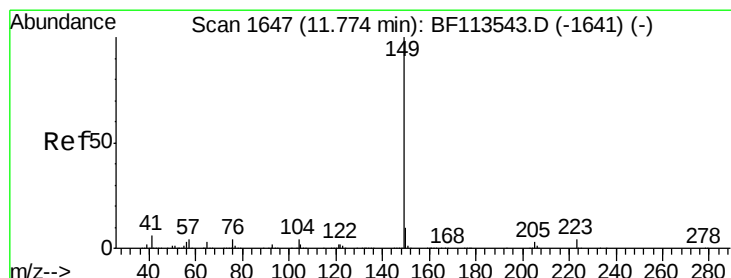
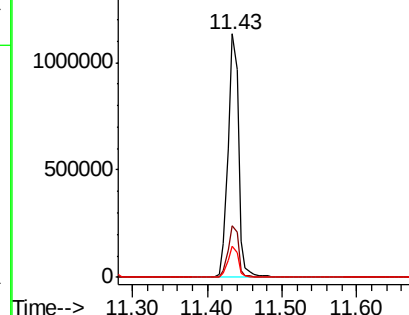
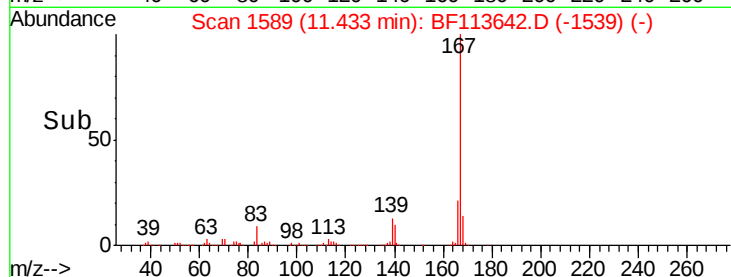
#73  
 Carbazole  
 Concen: 40.942 ng  
 RT: 11.43 min Scan# 1589  
 Delta R.T. -0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:167 Resp: 1117502  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.4 26.0  
 139 12.9 10.4 15.6

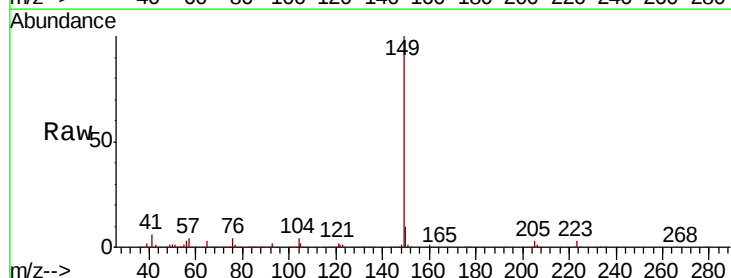


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

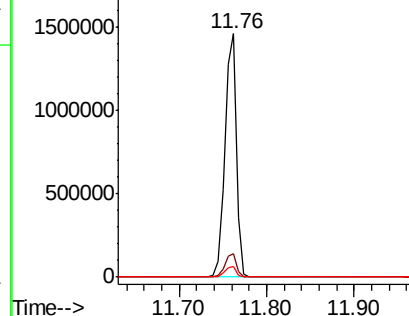
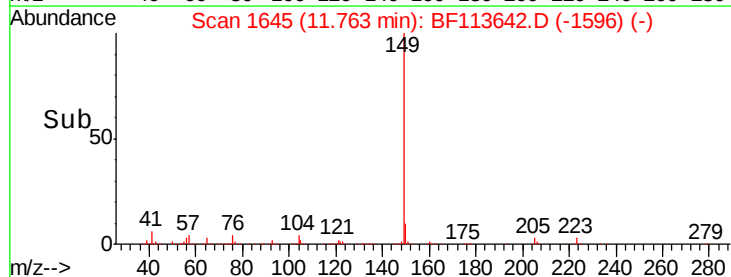


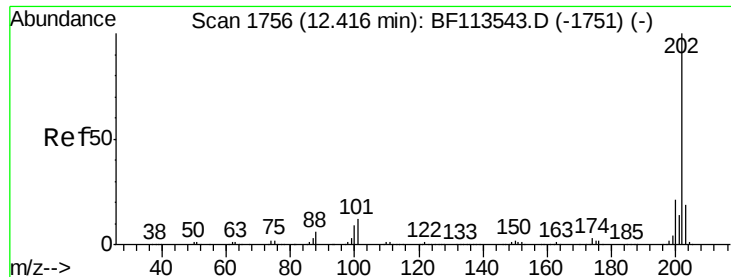
#74  
 Di-n-butylphthalate  
 Concen: 40.943 ng  
 RT: 11.76 min Scan# 1645  
 Delta R.T. -0.01 min  
 Lab File: BF113642.D  
 Acq: 8 Apr 2019 16:22

Tgt Ion:149 Resp: 1329392  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.7 11.5  
 104 4.3 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

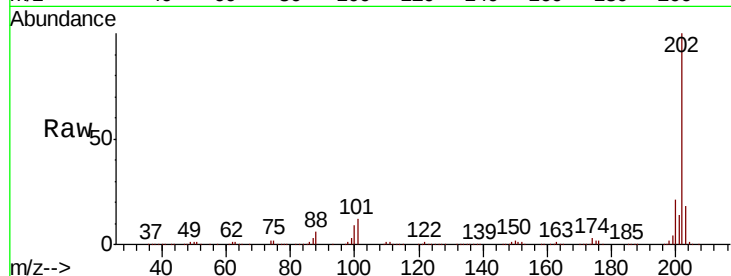




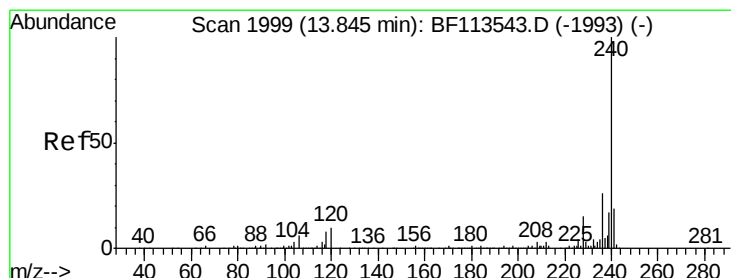
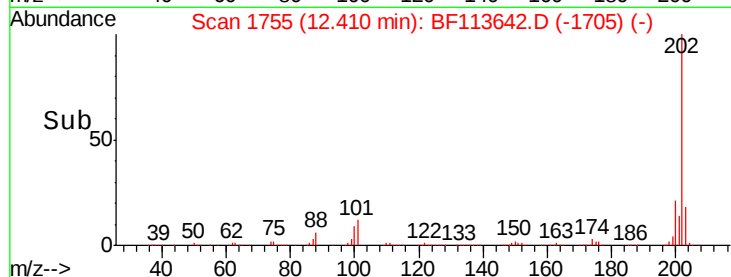
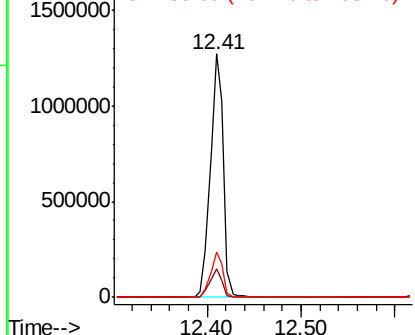
#75  
Fluoranthene  
Concen: 40.434 ng  
RT: 12.41 min Scan# 1755  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:202 Resp: 1242777  
Ion Ratio Lower Upper  
202 100  
101 11.7 0.0 31.4  
203 18.3 0.0 38.0

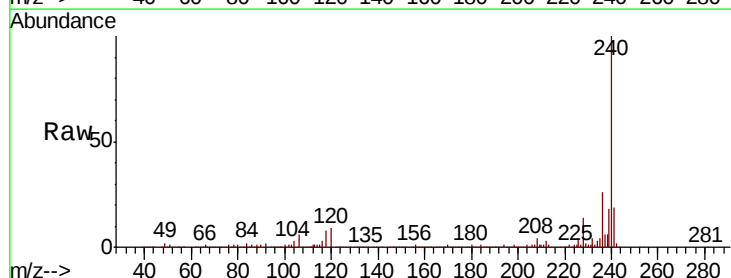


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

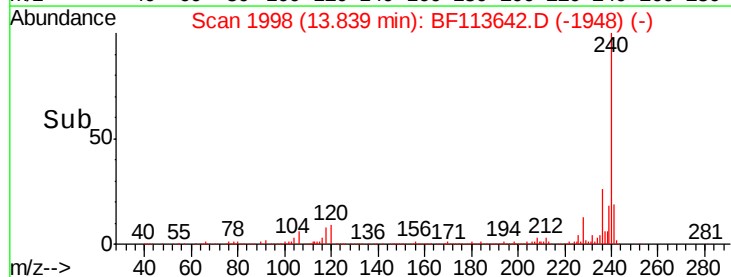
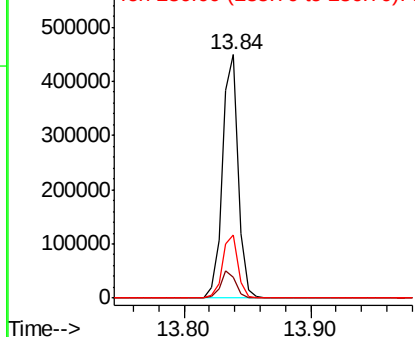


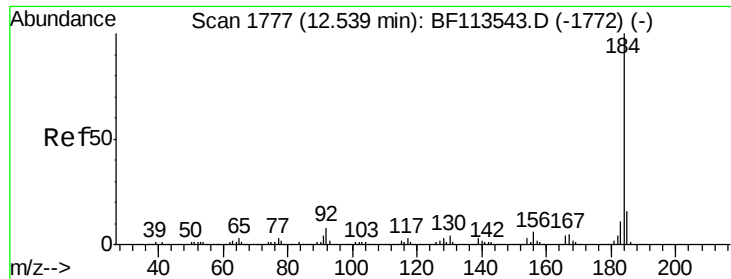
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.84 min Scan# 1998  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Tgt Ion:240 Resp: 389586  
Ion Ratio Lower Upper  
240 100  
120 8.8 8.8 13.2#  
236 25.9 20.9 31.3



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





#77

Benzidine

Concen: 36.217 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampleId :

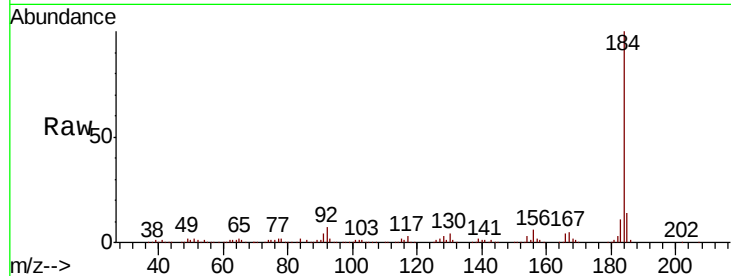
Tot Ion:184 Resp: 524688

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.6

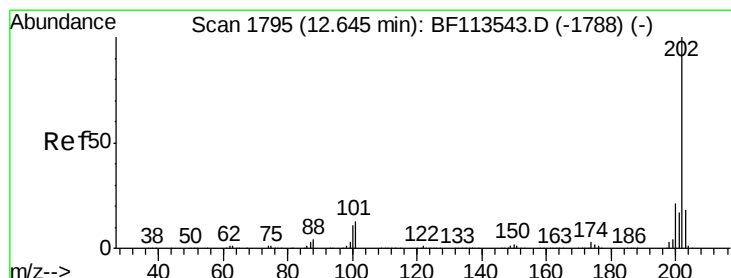
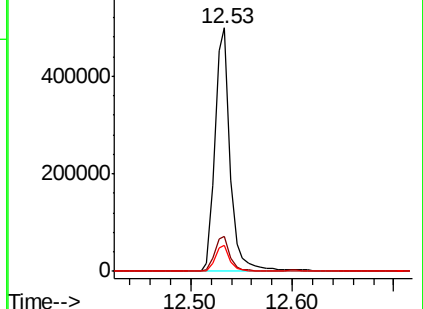
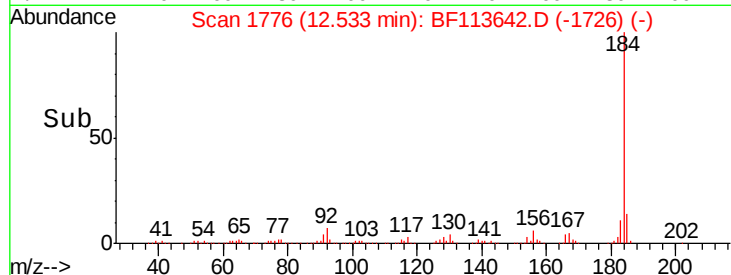
183 10.7 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.830 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

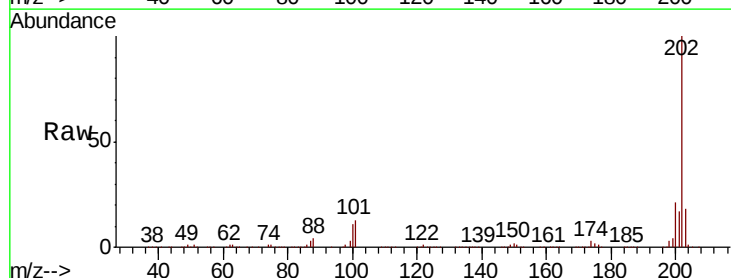
Tgt Ion:202 Resp: 1239976

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

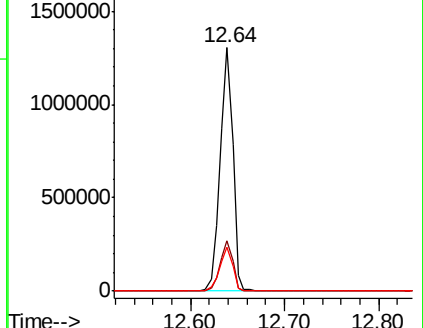
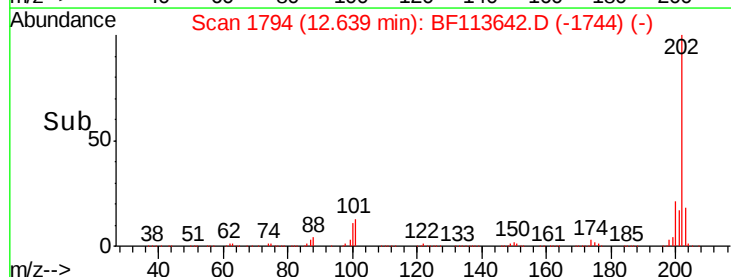
203 17.9 14.4 21.6

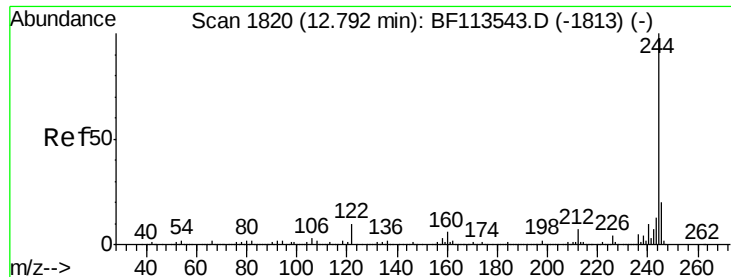


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.007 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampleId :

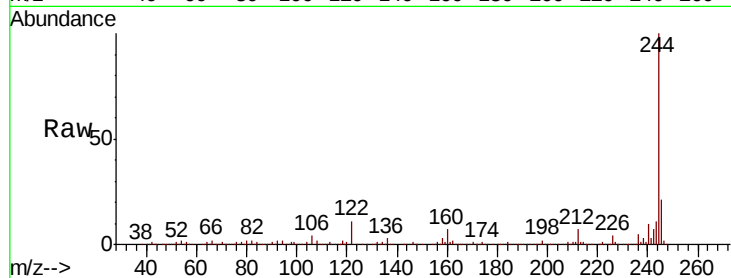
Tot Ion:244 Resp: 1703134

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

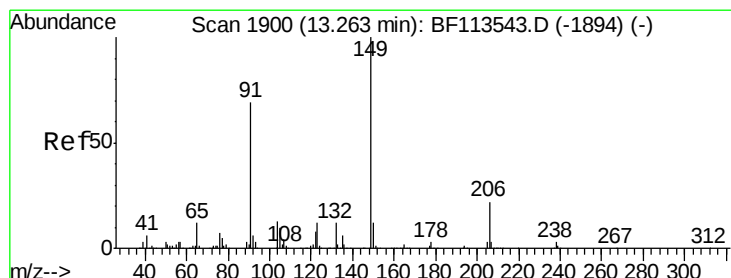
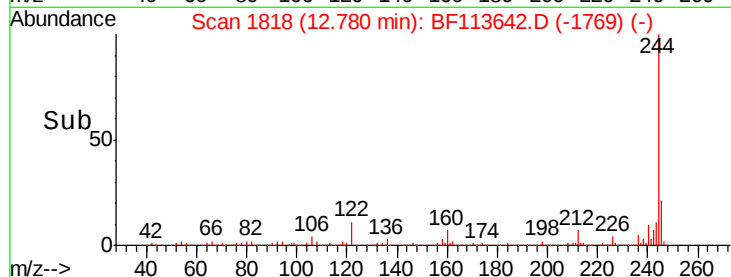
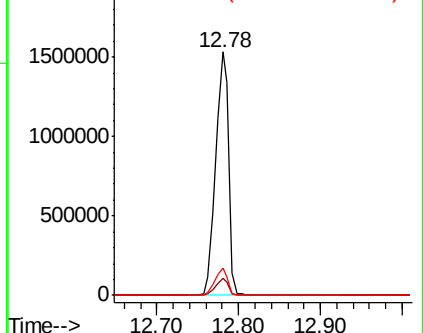
122 11.4 8.6 13.0



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: 40.756 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

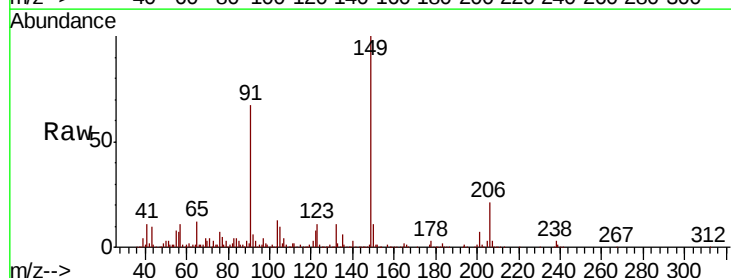
Tgt Ion:149 Resp: 491780

Ion Ratio Lower Upper

149 100

91 67.1 55.2 82.8

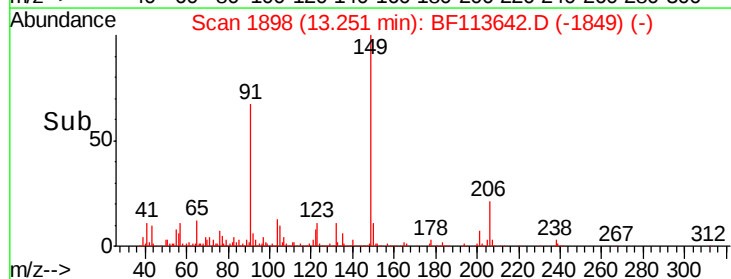
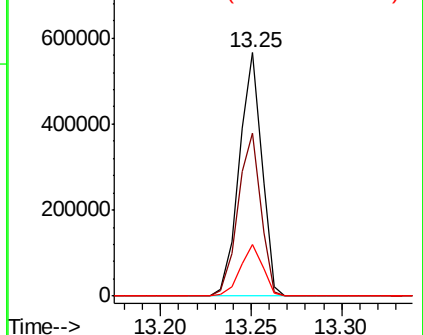
206 21.4 16.1 24.1

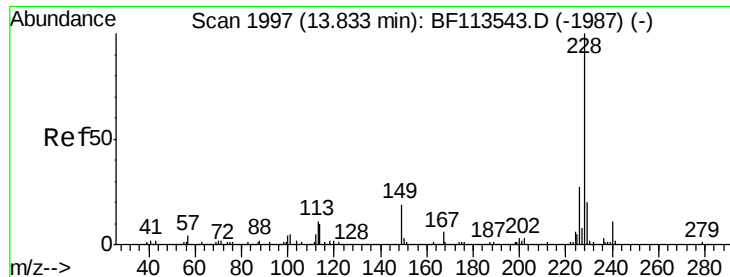


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.341 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampleId :

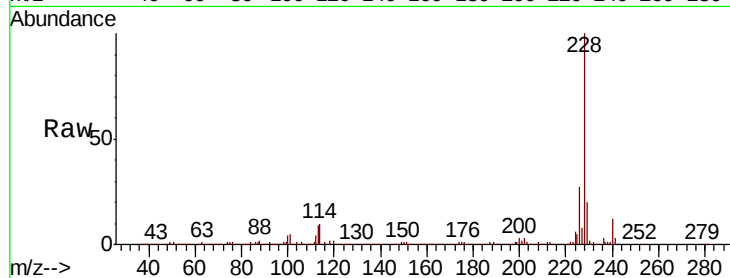
Tot Ion:228 Resp: 906602

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

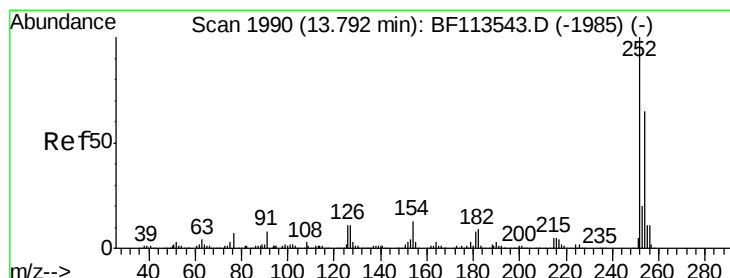
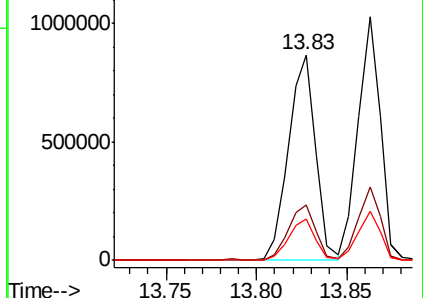
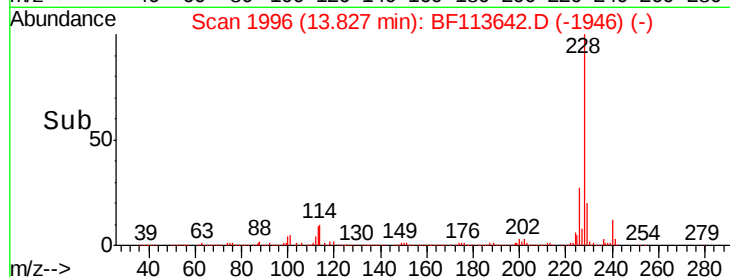
229 20.1 16.2 24.4



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: 30.193 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

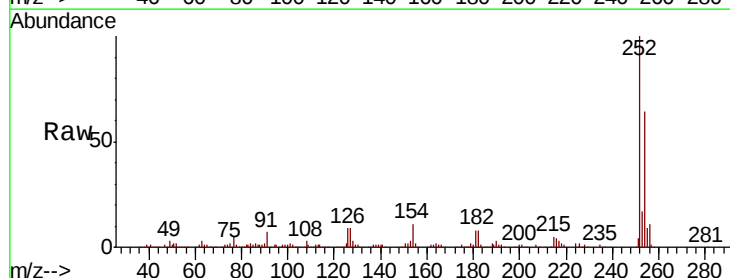
Tgt Ion:252 Resp: 261347

Ion Ratio Lower Upper

252 100

254 64.3 52.2 78.2

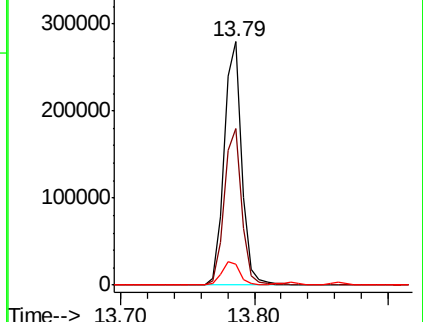
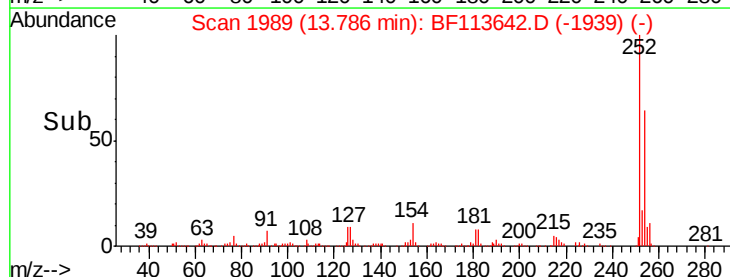
126 8.8 8.5 12.7

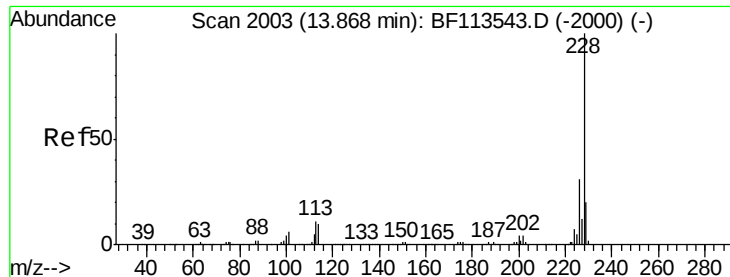


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.060 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113642.D

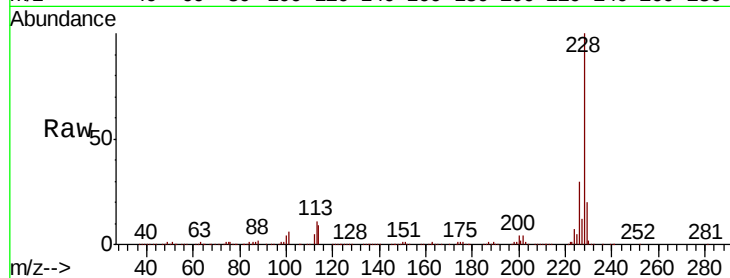
Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampled :

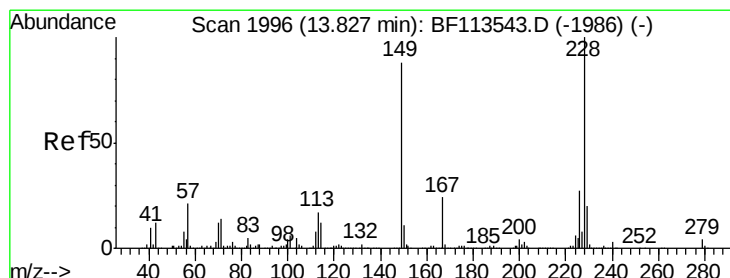
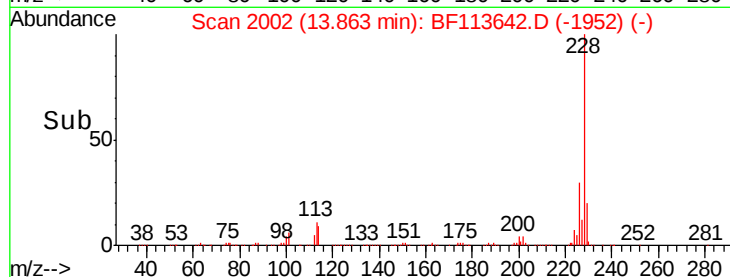
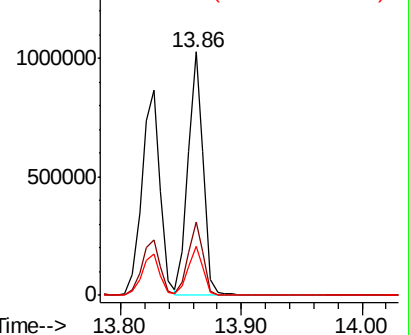
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:228 | Resp: | 889857      |
| Ion         | Ratio | Lower Upper |
| 228         | 100   |             |
| 226         | 30.3  | 24.3 36.5   |
| 229         | 20.3  | 16.3 24.5   |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.450 ng

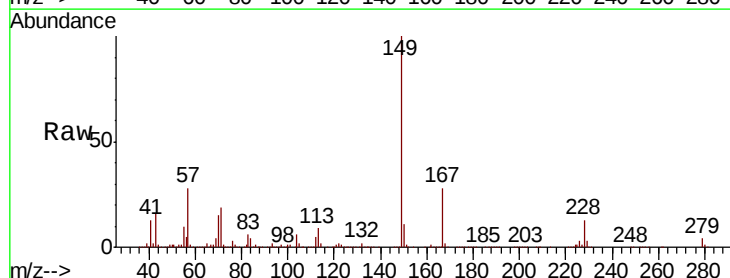
RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

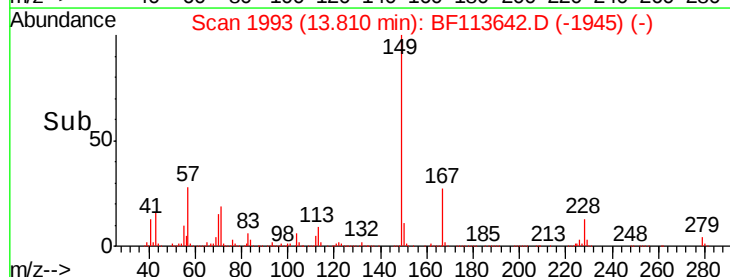
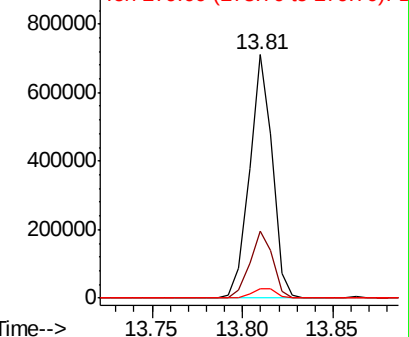
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:149 | Resp: | 619307      |
| Ion         | Ratio | Lower Upper |
| 149         | 100   |             |
| 167         | 27.6  | 21.8 32.8   |
| 279         | 4.0   | 2.9 4.3     |

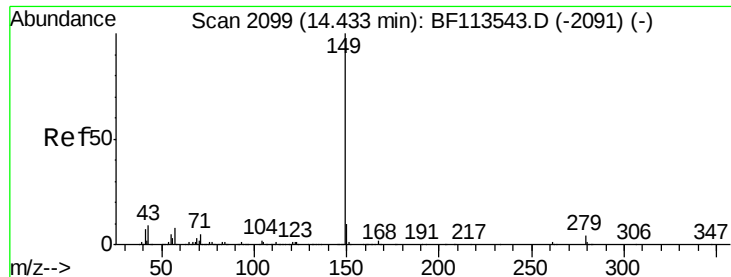


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.512 ng

RT: 14.42 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

Instrument :

BNA\_F

ClientSampleId :

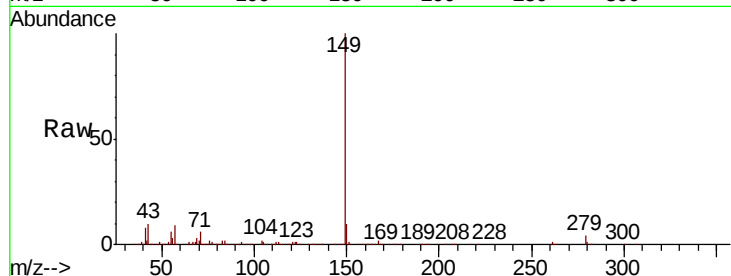
Tot Ion:149 Resp: 936992

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

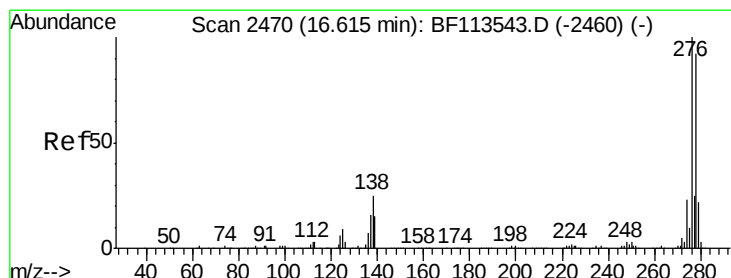
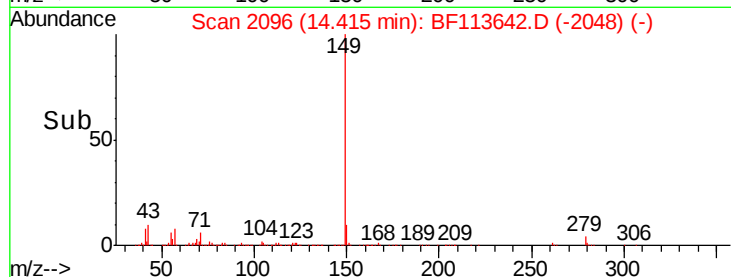
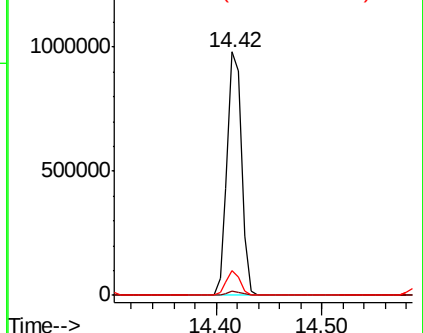
43 9.4 7.7 11.5



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: 44.443 ng

RT: 16.62 min Scan# 2471

Delta R.T. 0.01 min

Lab File: BF113642.D

Acq: 8 Apr 2019 16:22

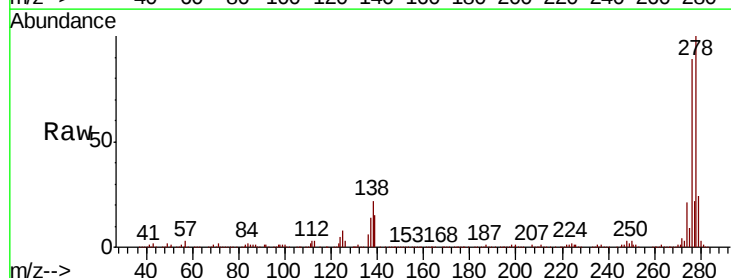
Tgt Ion:276 Resp: 934821

Ion Ratio Lower Upper

276 100

138 23.3 18.1 27.1

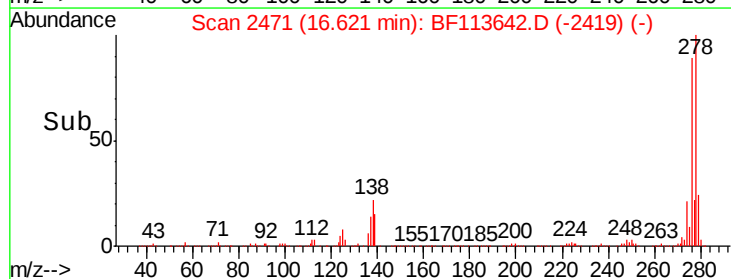
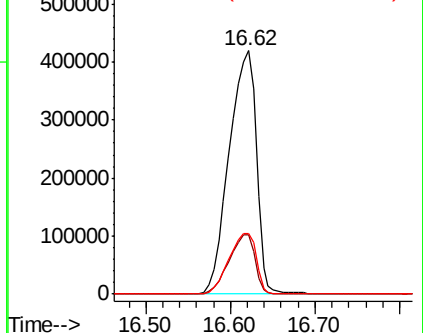
277 25.2 20.2 30.4

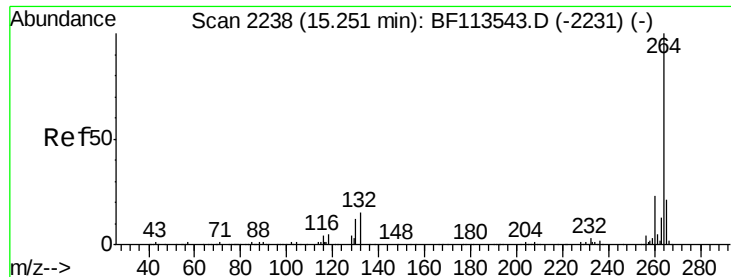


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

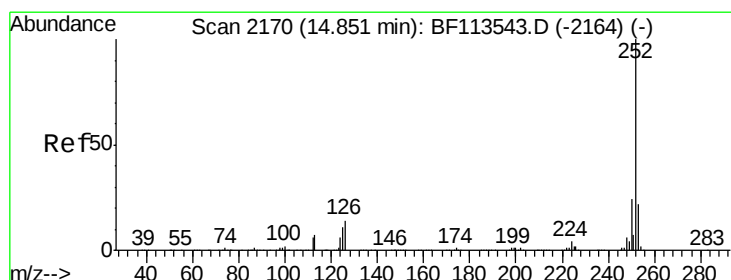
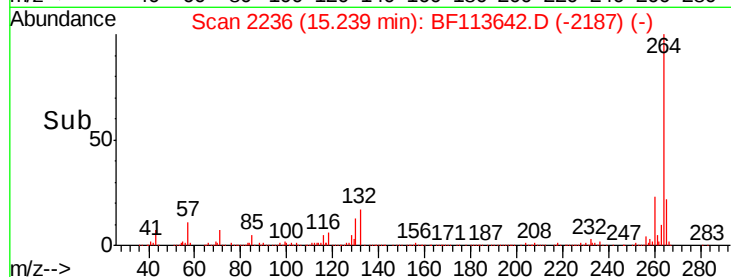
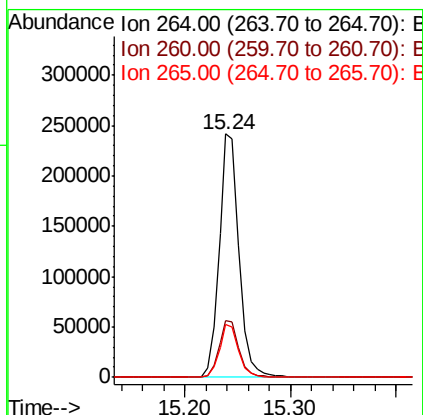
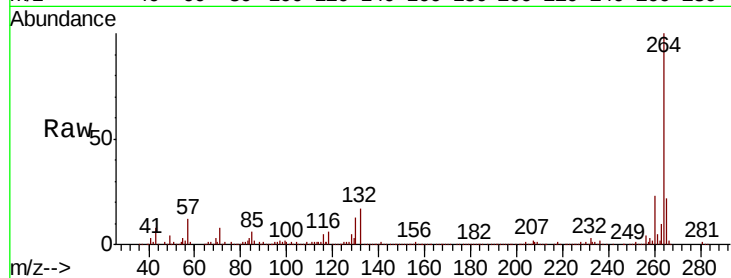




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.24 min Scan# 2236  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

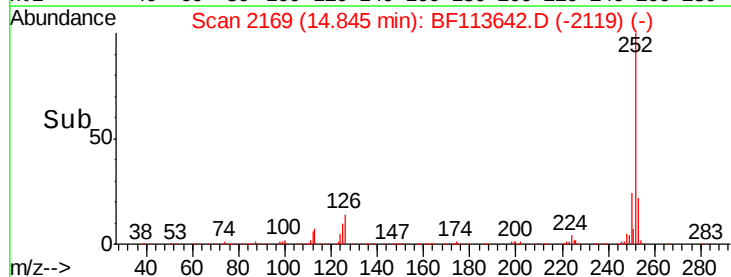
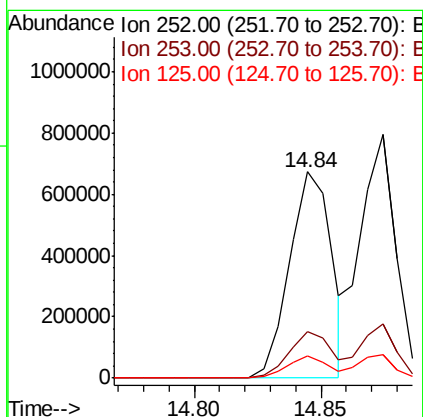
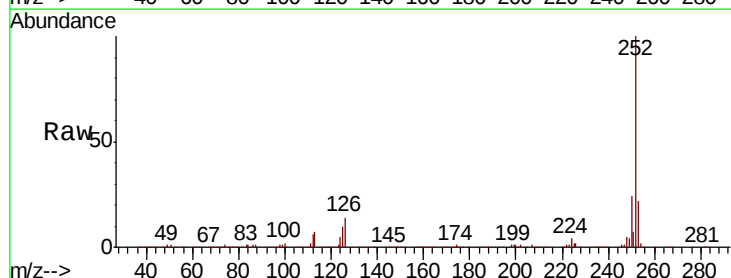
Instrument :  
BNA\_F  
ClientSampleId :

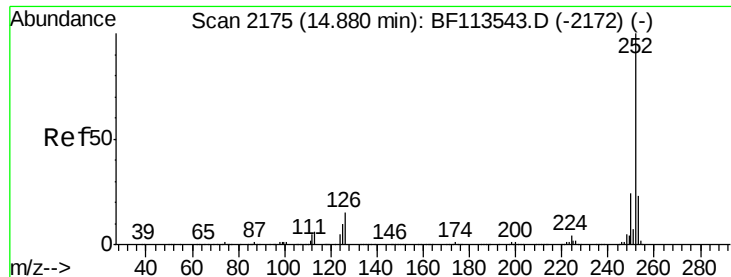
Tot Ion:264 Resp: 316756  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.1 28.7  
265 21.8 17.1 25.7



#88  
Benzo(b)fluoranthene  
Concen: 40.104 ng  
RT: 14.84 min Scan# 2169  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Tgt Ion:252 Resp: 777587  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.0 27.0  
125 10.5 7.6 11.4

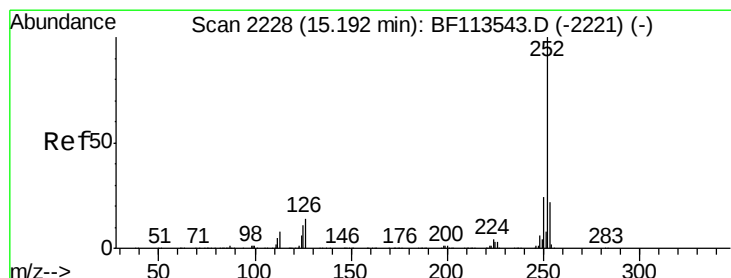
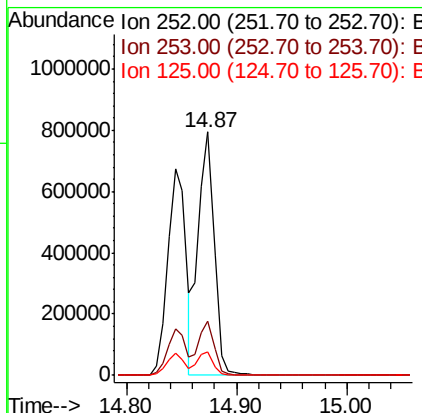
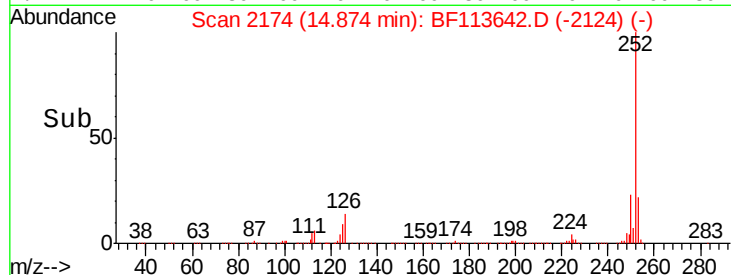
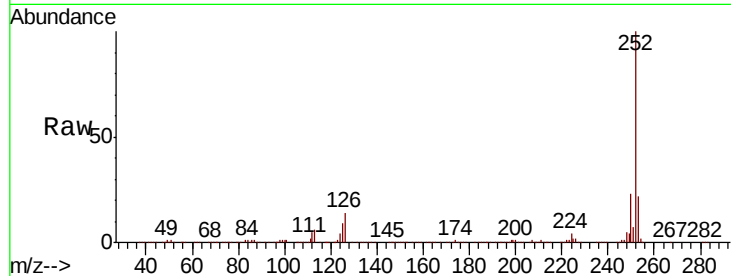




#89  
Benzo(k)fluoranthene  
Concen: 44.836 ng  
RT: 14.87 min Scan# 2174  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

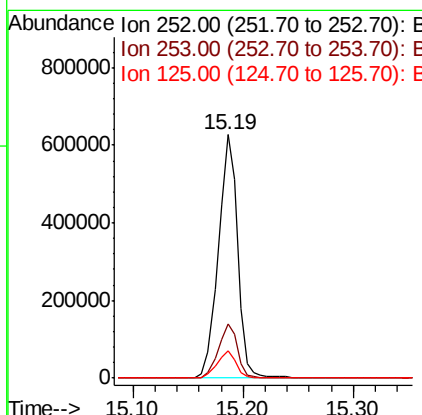
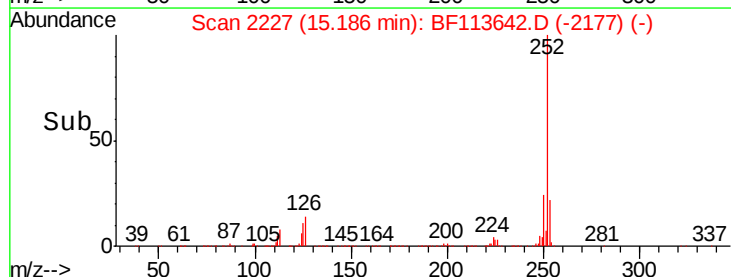
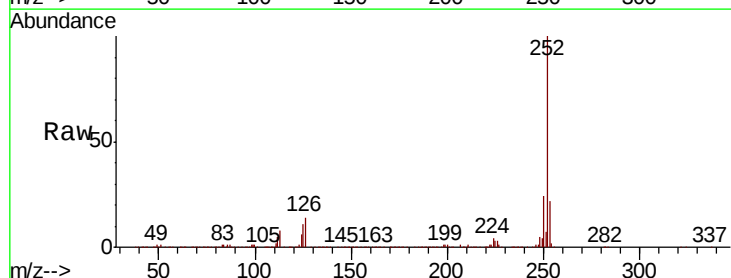
Instrument :  
BNA\_F  
ClientSampleId :

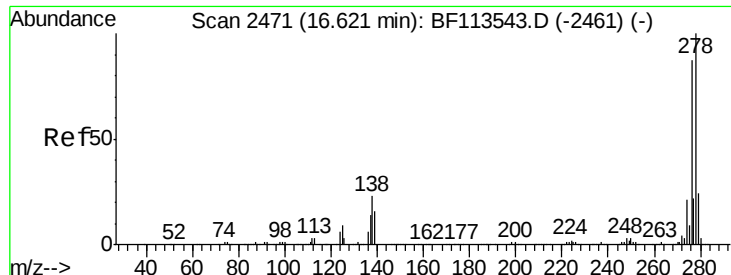
Tot Ion:252 Resp: 780223  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.7 26.5  
125 9.4 7.3 10.9



#90  
Benzo(a)pyrene  
Concen: 44.165 ng  
RT: 15.19 min Scan# 2227  
Delta R.T. -0.01 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Tgt Ion:252 Resp: 760934  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.9 26.9  
125 11.3 8.8 13.2



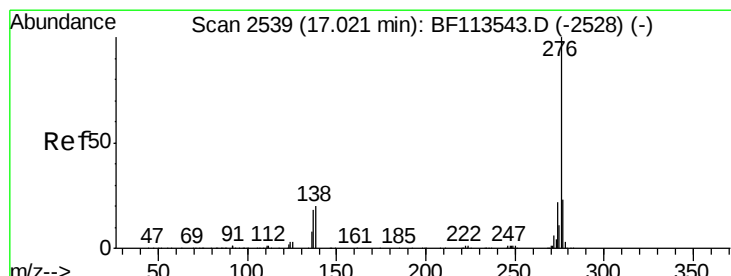
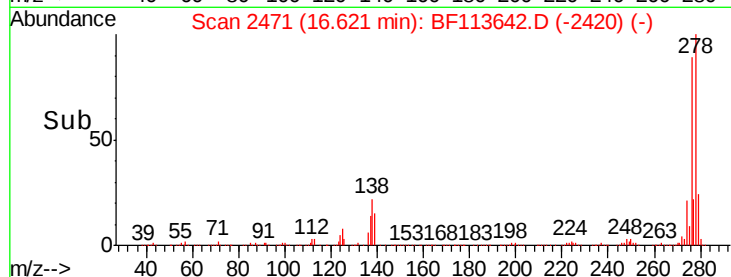
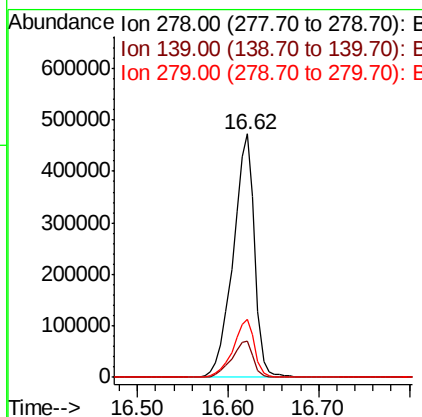
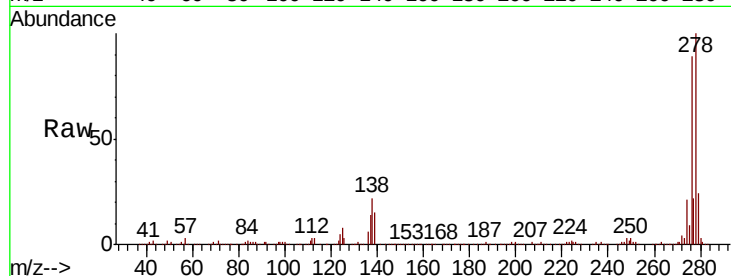


#91  
Dibenzo(a,h)anthracene  
Concen: 48.543 ng  
RT: 16.62 min Scan# 2471  
Delta R.T. 0.00 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 782133  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.7  | 12.0  | 18.0  |
| 279 | 23.6  | 19.0  | 28.6  |



#92  
Benzo(g,h,i)perylene  
Concen: 50.487 ng  
RT: 17.02 min Scan# 2539  
Delta R.T. 0.00 min  
Lab File: BF113642.D  
Acq: 8 Apr 2019 16:22

Tgt Ion:276 Resp: 830277  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.0  | 18.8  | 28.2  |
| 138 | 20.7  | 15.6  | 23.4  |

