

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\  
 Data File : BF113275.D  
 Acq On : 25 Mar 2019 12:35  
 Operator : JU/SJ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Mar 25 13:31:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 25 13:25:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 157880   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 607928   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.74  | 164  | 252470   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.22 | 188  | 517104   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.84 | 240  | 414132   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.24 | 264  | 356089   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.32  | 112 | 692639  | 68.24 | ng | 0.00 |
| 7) Phenol-d6                | 6.36  | 99  | 929740  | 72.92 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.27  | 82  | 895287  | 88.12 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.53 | 330 | 255394  | 95.29 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.06  | 172 | 1355692 | 90.52 | ng | 0.00 |
| 79) Terphenyl-d14           | 12.80 | 244 | 1543417 | 72.25 | ng | 0.00 |

|                                |      |     |         |        |    |     |
|--------------------------------|------|-----|---------|--------|----|-----|
| Target Compounds               |      |     |         | Qvalue |    |     |
| 2) 1,4-Dioxane                 | 2.37 | 88  | 185740  | 36.508 | ng | 100 |
| 3) Pyridine                    | 3.07 | 79  | 432842  | 31.800 | ng | 100 |
| 4) n-Nitrosodimethylamine      | 3.02 | 42  | 184686  | 31.018 | ng | 100 |
| 6) Aniline                     | 6.37 | 93  | 580980  | 33.105 | ng | 100 |
| 8) 2-Chlorophenol              | 6.49 | 128 | 429490  | 38.014 | ng | 100 |
| 9) Benzaldehyde                | 6.25 | 77  | 313888  | 34.168 | ng | 100 |
| 10) Phenol                     | 6.37 | 94  | 529508  | 35.591 | ng | 100 |
| 11) bis(2-Chloroethyl)ether    | 6.45 | 93  | 402082  | 35.210 | ng | 100 |
| 12) 1,3-Dichlorobenzene        | 6.65 | 146 | 460649  | 39.469 | ng | 100 |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 469315  | 40.096 | ng | 100 |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146 | 444568  | 41.433 | ng | 100 |
| 15) Benzyl Alcohol             | 6.85 | 79  | 336396  | 34.602 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45  | 661846  | 34.730 | ng | 100 |
| 17) 2-Methylphenol             | 6.97 | 107 | 358686  | 39.134 | ng | 100 |
| 18) Hexachloroethane           | 7.22 | 117 | 172790  | 38.539 | ng | 100 |
| 19) n-Nitroso-di-n-propylamine | 7.13 | 70  | 293391  | 36.335 | ng | 100 |
| 20) 3+4-Methylphenols          | 7.13 | 107 | 428791  | 41.437 | ng | 100 |
| 22) Acetophenone               | 7.12 | 105 | 571015  | 40.170 | ng | 100 |
| 24) Nitrobenzene               | 7.29 | 77  | 477807  | 42.255 | ng | 100 |
| 25) Isophorone                 | 7.53 | 82  | 839113  | 38.338 | ng | 100 |
| 26) 2-Nitrophenol              | 7.60 | 139 | 244871  | 52.021 | ng | 100 |
| 27) 2,4-Dimethylphenol         | 7.65 | 122 | 345232  | 39.423 | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93  | 521856  | 38.136 | ng | 100 |
| 29) 2,4-Dichlorophenol         | 7.86 | 162 | 369845  | 43.551 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180 | 398248  | 43.645 | ng | 100 |
| 31) Naphthalene                | 8.01 | 128 | 1187350 | 39.339 | ng | 100 |
| 32) Benzoic acid               | 7.79 | 122 | 268582  | 43.759 | ng | 100 |
| 33) 4-Chloroaniline            | 8.06 | 127 | 422099  | 33.018 | ng | 100 |
| 34) Hexachlorobutadiene        | 8.13 | 225 | 208719  | 40.559 | ng | 100 |
| 35) Caprolactam                | 8.44 | 113 | 113140  | 37.827 | ng | 100 |
| 36) 4-Chloro-3-methylphenol    | 8.56 | 107 | 317012  | 33.731 | ng | 100 |
| 37) 2-Methylnaphthalene        | 8.70 | 142 | 675872  | 34.676 | ng | 100 |
| 38) 1-Methylnaphthalene        | 8.80 | 142 | 651151  | 34.487 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216 | 324961  | 44.139 | ng | 100 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\  
 Data File : BF113275.D  
 Acq On : 25 Mar 2019 12:35  
 Operator : JU/SJ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Mar 25 13:31:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 25 13:25:15 2019  
 Response via : Initial Calibration

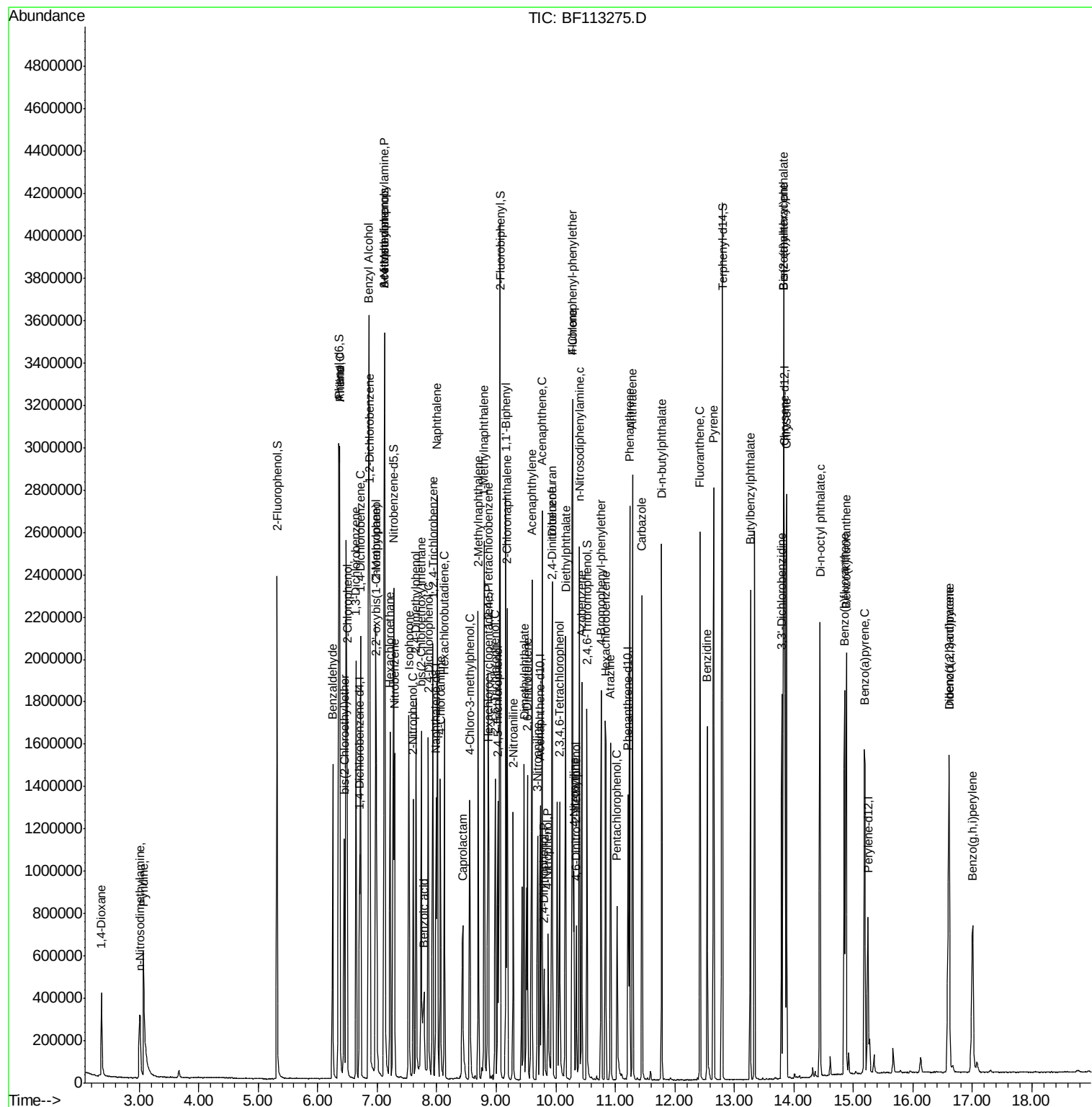
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.86  | 237  | 132721   | 32.920 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 8.99  | 196  | 210164   | 41.478 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.03  | 196  | 229603   | 41.923 | ng    | 100      |
| 46) 1,1'-Biphenyl              | 9.16  | 154  | 838036   | 40.695 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.19  | 162  | 647528   | 40.270 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.29  | 65   | 202816   | 41.497 | ng    | 100      |
| 49) Acenaphthylene             | 9.60  | 152  | 1076359  | 39.430 | ng    | 100      |
| 50) Dimethylphthalate          | 9.47  | 163  | 749690   | 40.271 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.53  | 165  | 170673   | 44.027 | ng    | 100      |
| 52) Acenaphthene               | 9.77  | 154  | 597102   | 37.404 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.70  | 138  | 193707   | 41.008 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 9.80  | 184  | 78468    | 51.947 | ng    | 100      |
| 55) Dibenzofuran               | 9.95  | 168  | 915061   | 39.440 | ng    | 100      |
| 56) 4-Nitrophenol              | 9.87  | 139  | 138158   | 35.988 | ng    | 100      |
| 57) 2,4-Dinitrotoluene         | 9.93  | 165  | 220191   | 45.695 | ng    | 100      |
| 58) Fluorene                   | 10.29 | 166  | 701431   | 42.596 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.07 | 232  | 207935   | 45.571 | ng    | 100      |
| 60) Diethylphthalate           | 10.16 | 149  | 739942   | 37.634 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.27 | 204  | 345775   | 45.131 | ng    | 100      |
| 62) 4-Nitroaniline             | 10.31 | 138  | 200818   | 46.007 | ng    | 100      |
| 63) Azobenzene                 | 10.44 | 77   | 704841   | 35.000 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 109932   | 51.380 | ng    | 100      |
| 66) n-Nitrosodiphenylamine     | 10.40 | 169  | 624181   | 37.637 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.76 | 248  | 226698   | 41.622 | ng    | 100      |
| 68) Hexachlorobenzene          | 10.84 | 284  | 265002   | 43.162 | ng    | 100      |
| 69) Atrazine                   | 10.93 | 200  | 202217   | 39.813 | ng    | 100      |
| 70) Pentachlorophenol          | 11.03 | 266  | 132912   | 36.780 | ng    | 100      |
| 71) Phenanthrene               | 11.24 | 178  | 1043946  | 40.576 | ng    | 100      |
| 72) Anthracene                 | 11.29 | 178  | 1058445  | 39.301 | ng    | 100      |
| 73) Carbazole                  | 11.45 | 167  | 1012625  | 38.544 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.78 | 149  | 1175555  | 37.317 | ng    | 100      |
| 75) Fluoranthene               | 12.42 | 202  | 1152333  | 41.805 | ng    | 100      |
| 77) Benzidine                  | 12.54 | 184  | 641212   | 29.843 | ng    | 100      |
| 78) Pyrene                     | 12.65 | 202  | 1176268  | 33.692 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.27 | 149  | 509981   | 33.093 | ng    | 100      |
| 81) Benzo(a)anthracene         | 13.83 | 228  | 968831   | 33.755 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.80 | 252  | 397880   | 36.653 | ng    | 100      |
| 83) Chrysene                   | 13.87 | 228  | 980931   | 34.890 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.83 | 149  | 633408   | 35.042 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.44 | 149  | 1108924  | 35.728 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.60 | 276  | 780077   | 32.546 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 14.85 | 252  | 892168   | 38.735 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 14.88 | 252  | 823630   | 39.478 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.19 | 252  | 780818   | 38.326 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.61 | 278  | 645869   | 37.152 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.00 | 276  | 627769   | 35.962 | ng    | 100      |

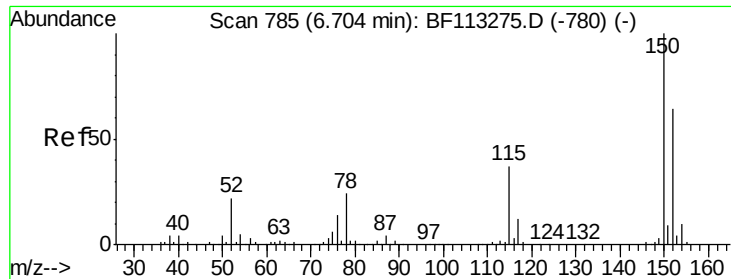
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\  
 Data File : BF113275.D  
 Acq On : 25 Mar 2019 12:35  
 Operator : JU/SJ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampled :

Quant Time: Mar 25 13:31:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 25 13:25:15 2019  
 Response via : Initial Calibration



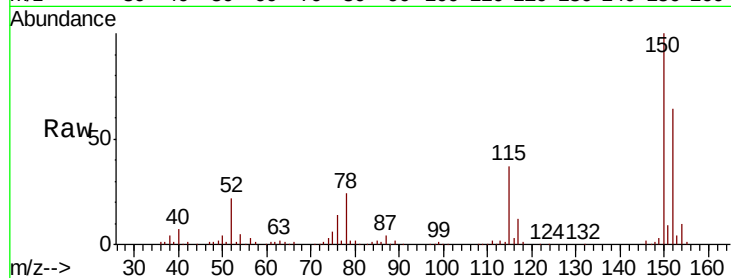


#1

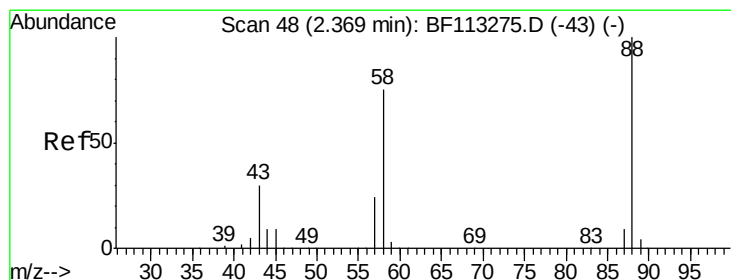
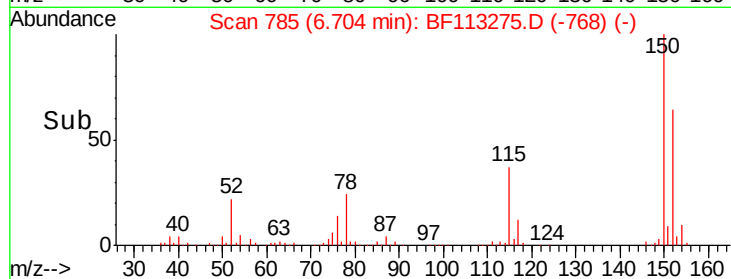
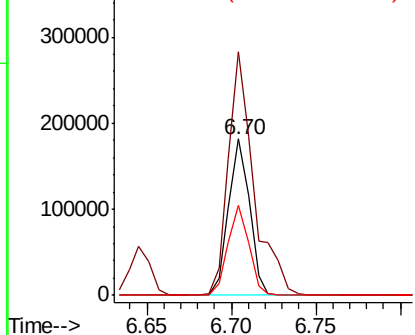
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 785  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 157880  
Ion Ratio Lower Upper  
152 100  
150 155.9 124.7 187.1  
115 57.5 46.0 69.0



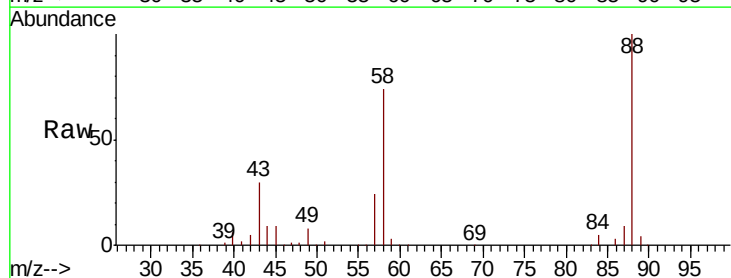
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



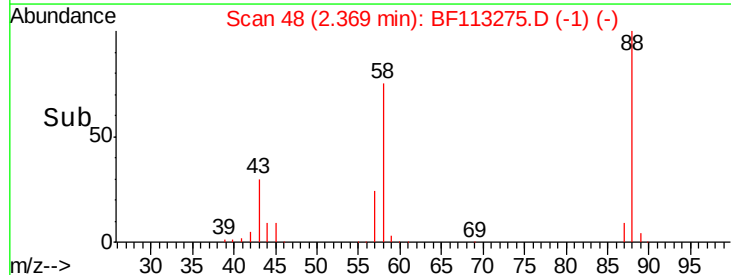
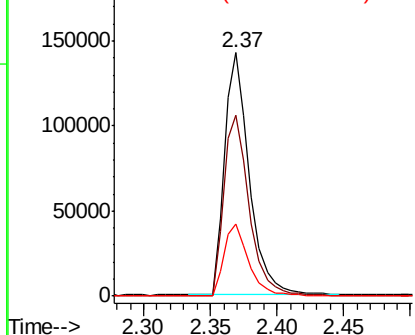
#2

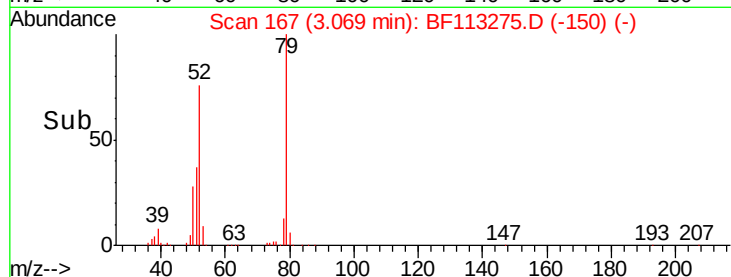
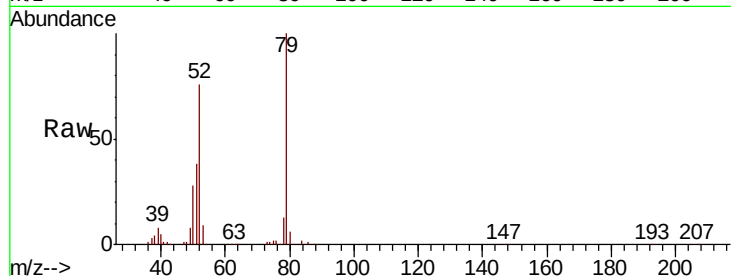
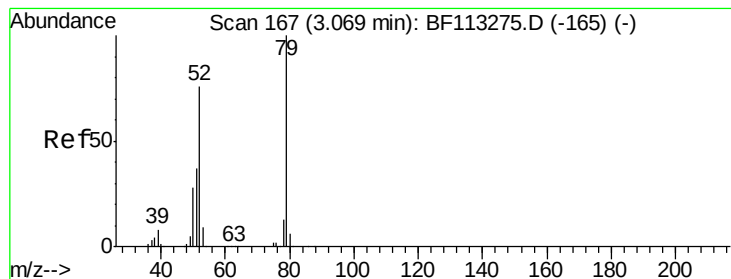
1,4-Dioxane  
Concen: 36.508 ng  
RT: 2.37 min Scan# 48  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Tgt Ion: 88 Resp: 185740  
Ion Ratio Lower Upper  
88 100  
58 77.3 61.9 92.9  
43 30.3 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: 31.800 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampleId :

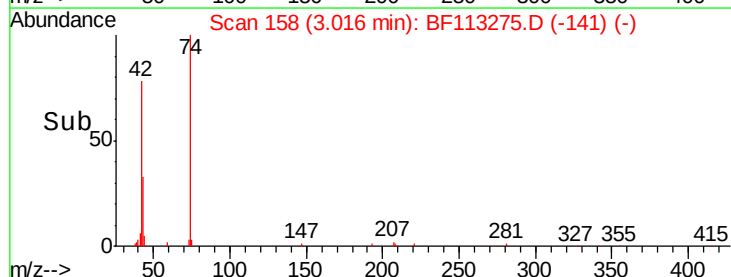
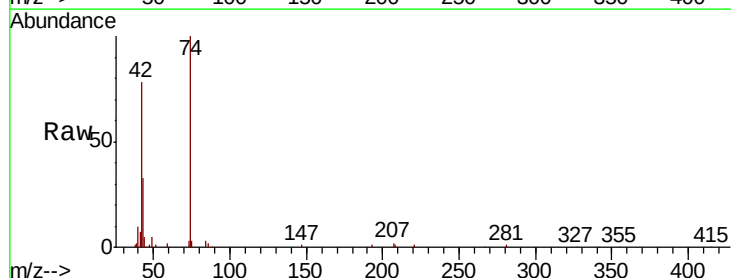
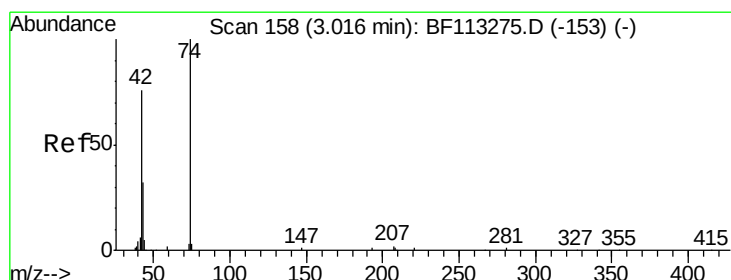
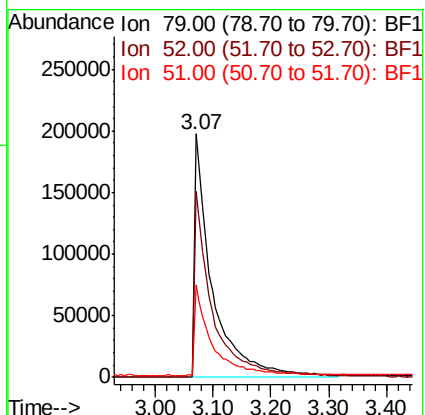
Tot Ion: 79 Resp: 432842

Ion Ratio Lower Upper

79 100

52 76.2 61.0 91.4

51 38.2 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 31.018 ng

RT: 3.02 min Scan# 158

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

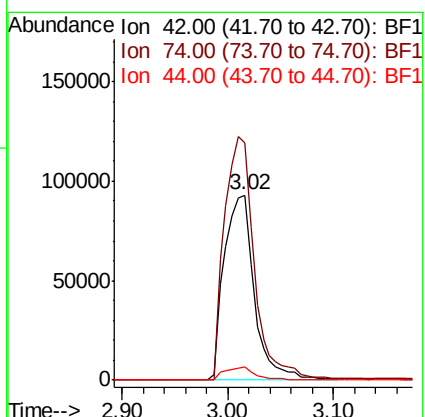
Tgt Ion: 42 Resp: 184686

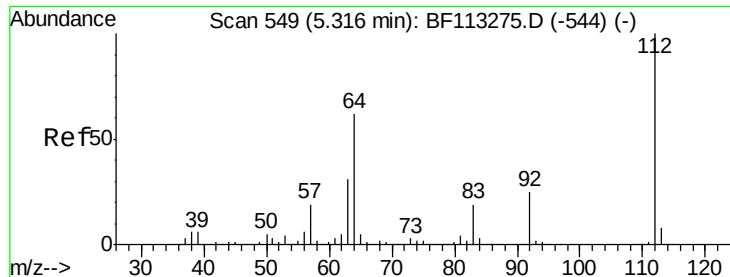
Ion Ratio Lower Upper

42 100

74 128.0 102.4 153.6

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 68.244 ng

RT: 5.32 min Scan# 549

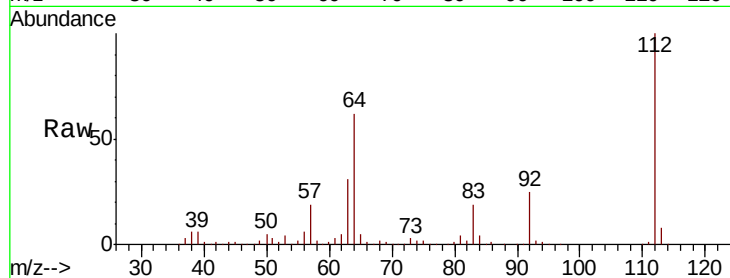
Delta R.T. 0.00 min

Lab File: BF113275.D

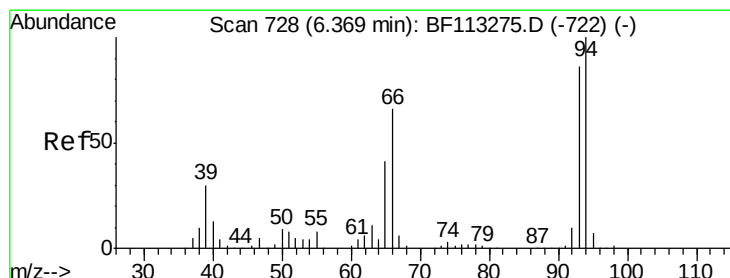
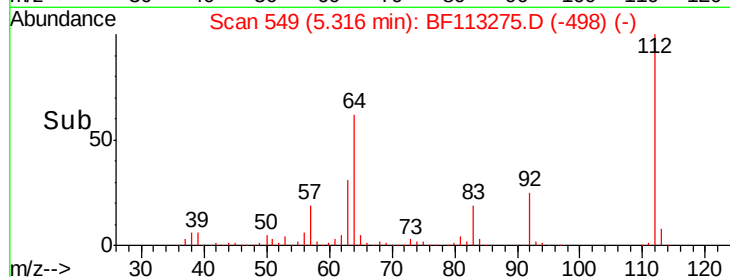
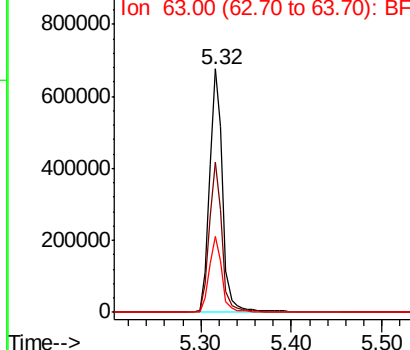
Acq: 25 Mar 2019 12:35

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 692639 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 61.5  | 49.2  | 73.8   |
| 63       | 31.1  | 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: 33.105 ng

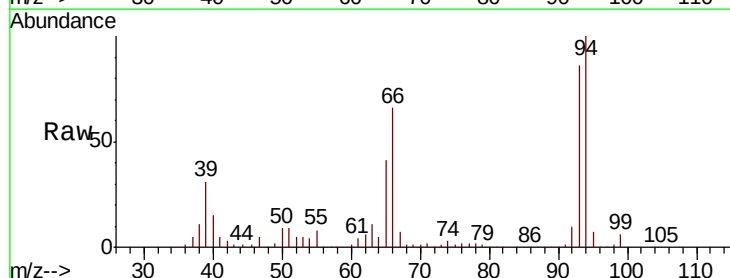
RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

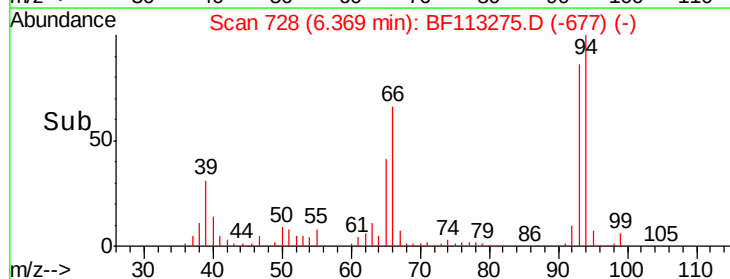
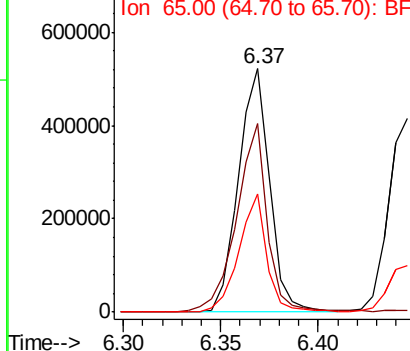
Lab File: BF113275.D

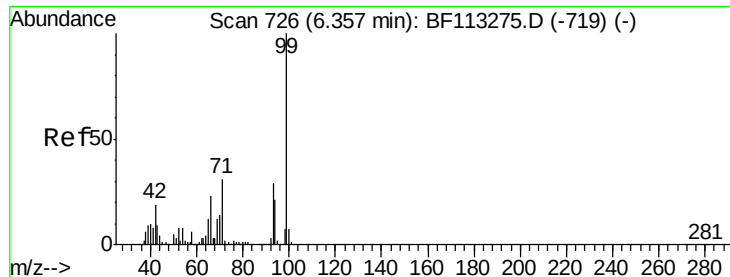
Acq: 25 Mar 2019 12:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 580980 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 77.6  | 62.1  | 93.1   |
| 65       | 48.4  | 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: 72.924 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampled :

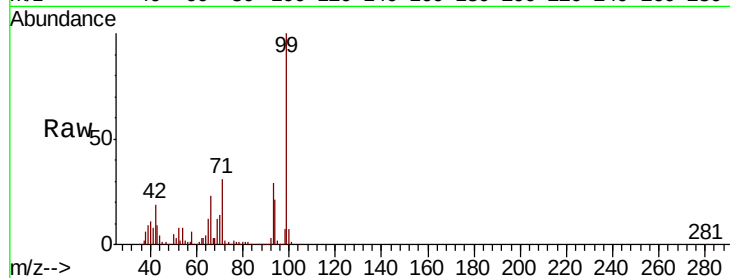
Tot Ion: 99 Resp: 929740

Ion Ratio Lower Upper

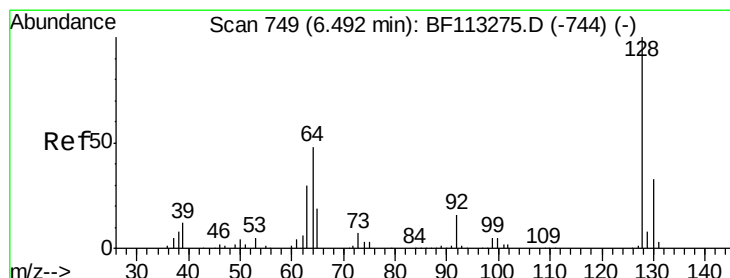
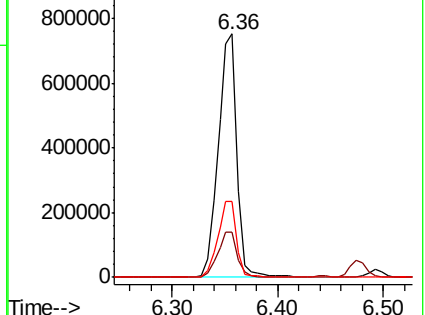
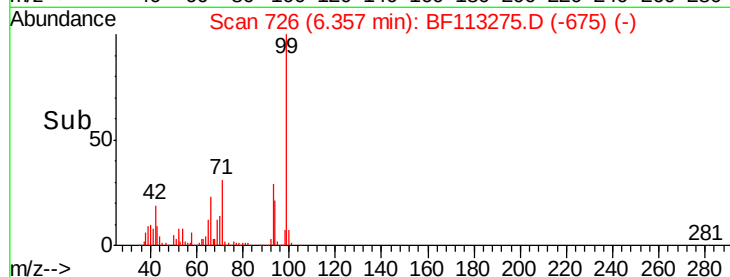
99 100

42 18.5 14.8 22.2

71 31.1 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: 38.014 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

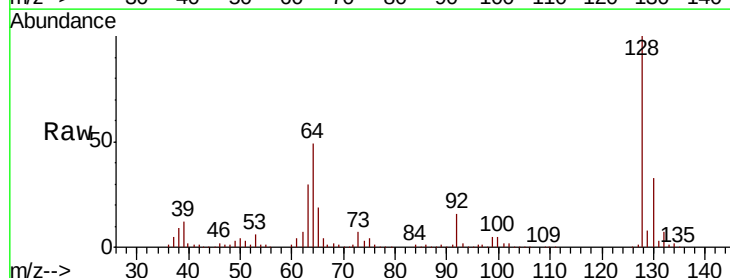
Tgt Ion: 128 Resp: 429490

Ion Ratio Lower Upper

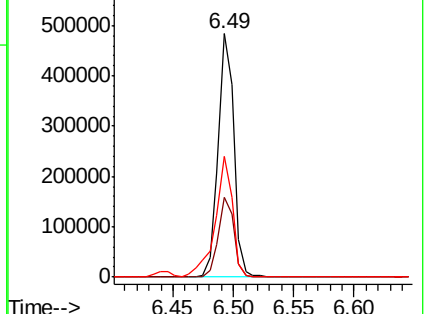
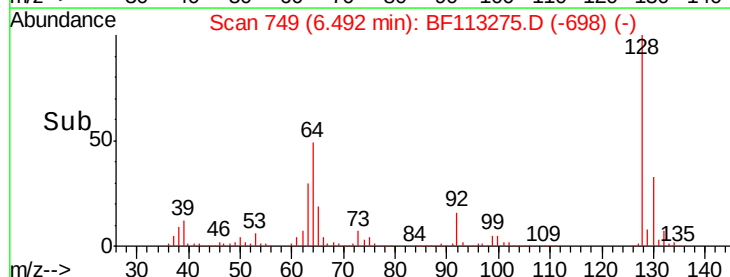
128 100

130 32.6 12.6 52.6

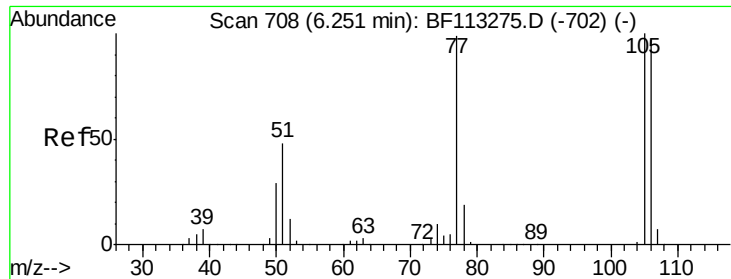
64 49.4 29.4 69.4



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: 34.168 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampled :

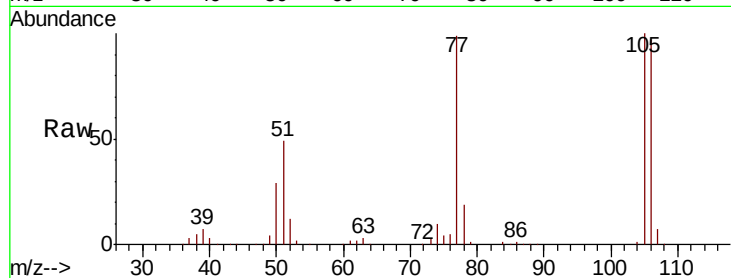
Tot Ion: 77 Resp: 313888

Ion Ratio Lower Upper

77 100

105 100.9 80.9 120.9

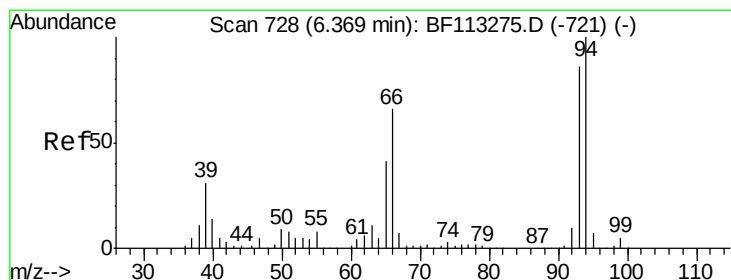
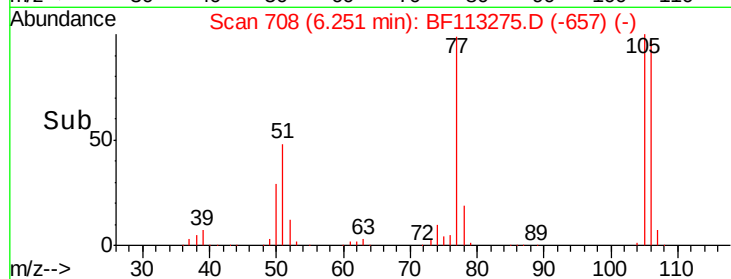
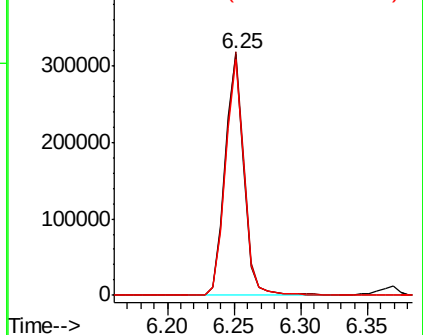
106 97.8 77.8 117.8



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: 35.591 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

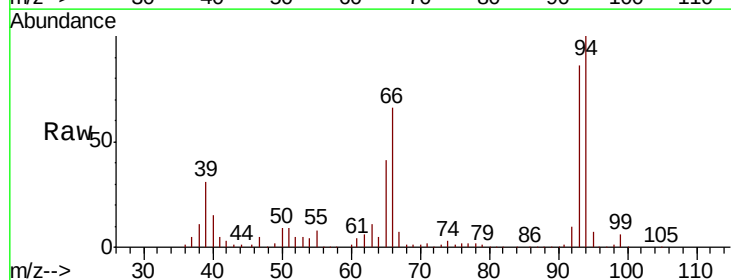
Tgt Ion: 94 Resp: 529508

Ion Ratio Lower Upper

94 100

65 41.4 21.4 61.4

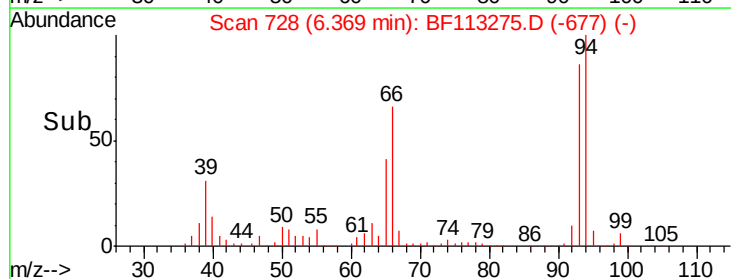
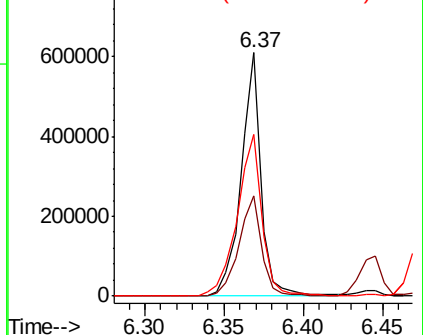
66 66.4 46.4 86.4



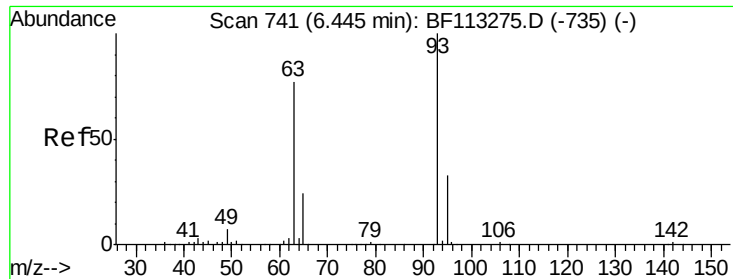
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 35.210 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampleId :

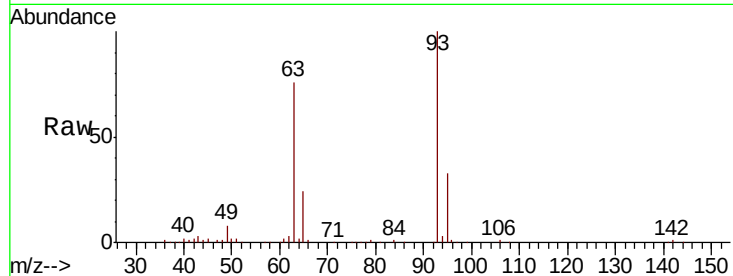
Tot Ion: 93 Resp: 402082

Ion Ratio Lower Upper

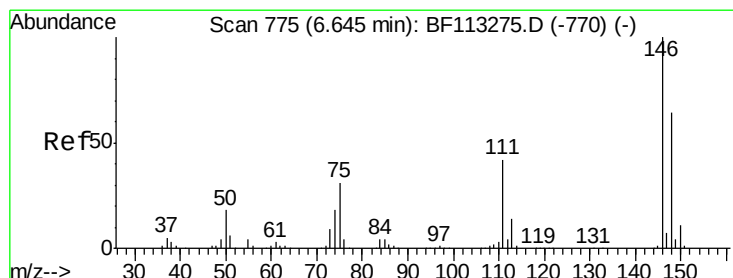
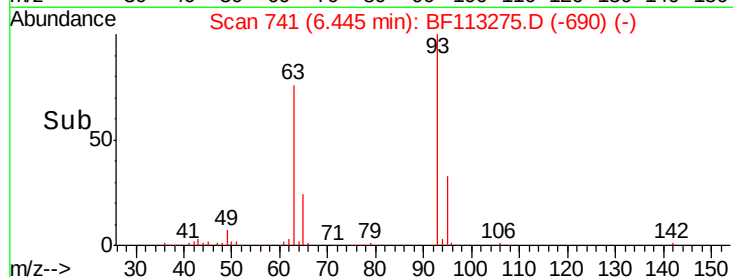
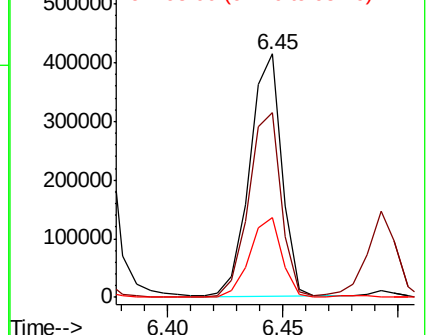
93 100

63 76.1 56.1 96.1

95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.469 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

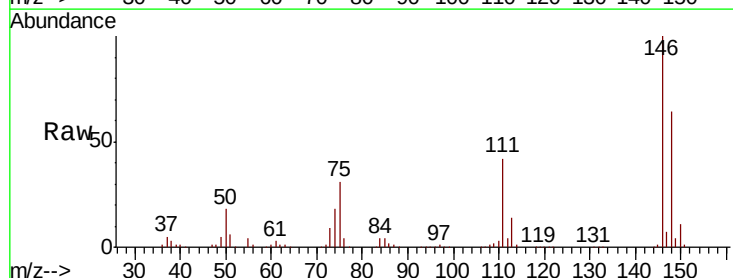
Tgt Ion: 146 Resp: 460649

Ion Ratio Lower Upper

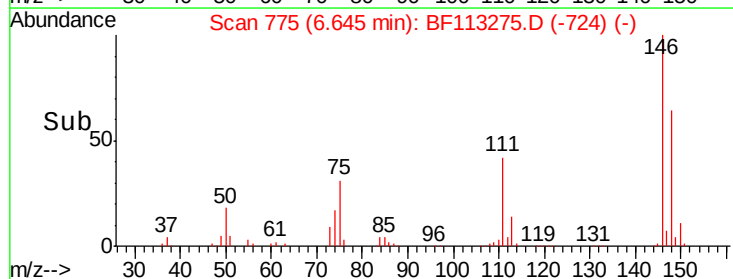
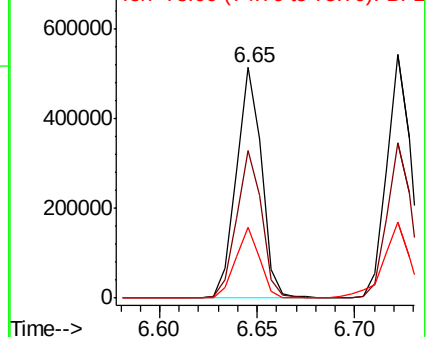
146 100

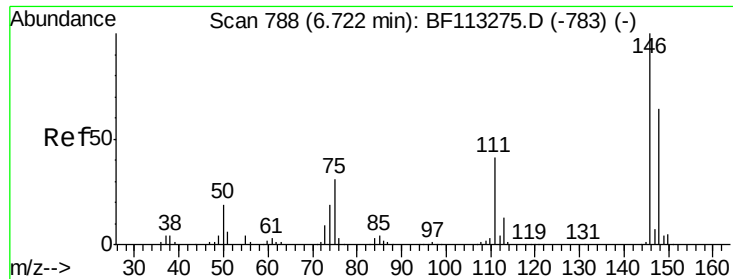
148 64.2 51.4 77.0

75 31.0 24.8 37.2



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1

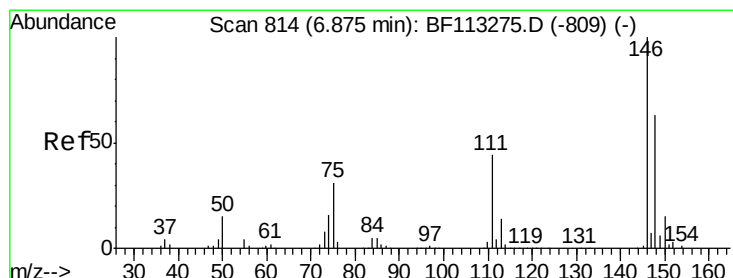
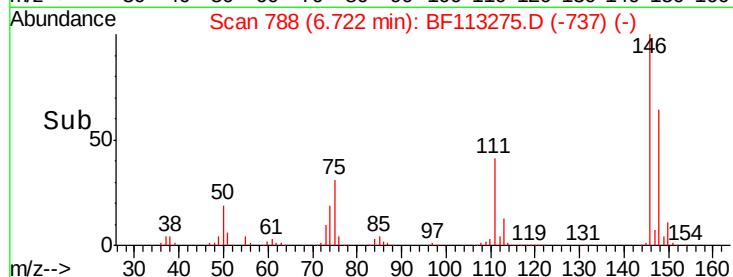
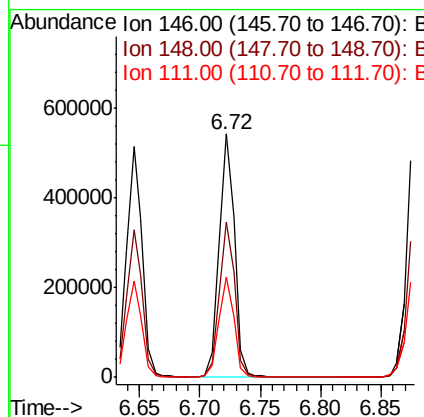
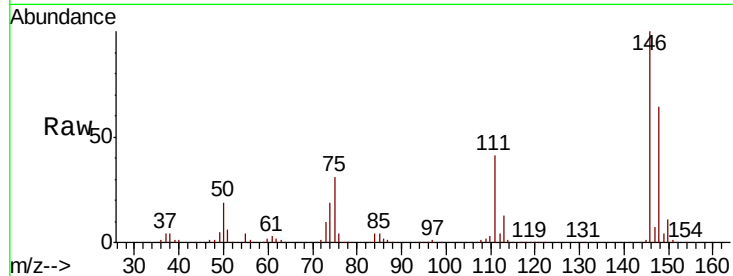




#13  
 1,4-Dichlorobenzene  
 Concen: 40.096 ng  
 RT: 6.72 min Scan# 788  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

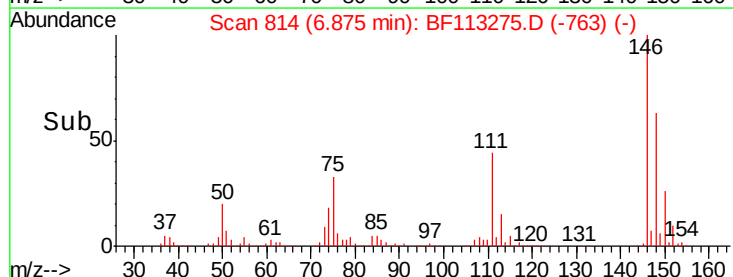
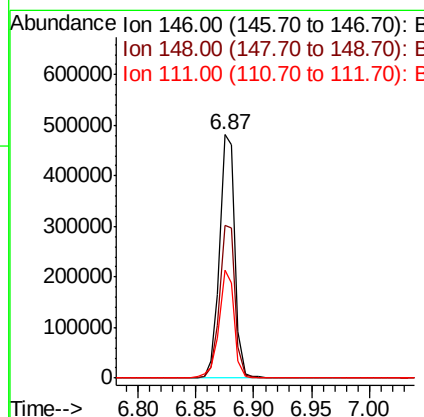
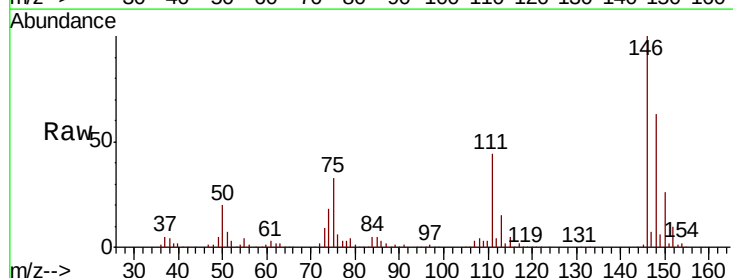
Instrument :  
 BNA\_F  
 ClientSampleId :

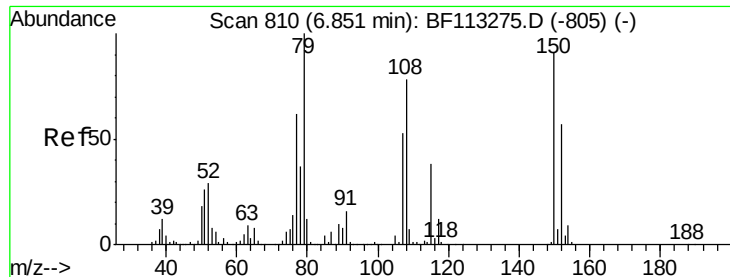
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 51.1  | 76.7  |
| 111     | 41.0  | 32.8  | 49.2  |



#14  
 1,2-Dichlorobenzene  
 Concen: 41.433 ng  
 RT: 6.87 min Scan# 814  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 50.2  | 75.4  |
| 111     | 44.3  | 35.4  | 53.2  |





#15

Benzyl Alcohol

Concen: 34.602 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampled :

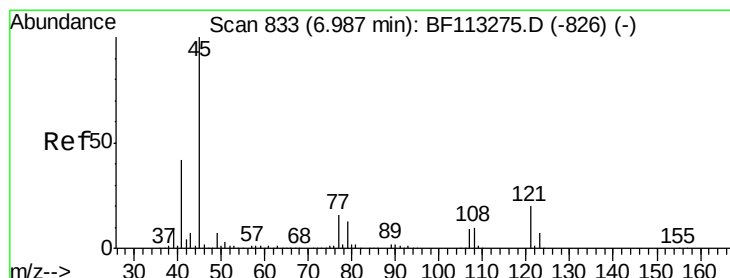
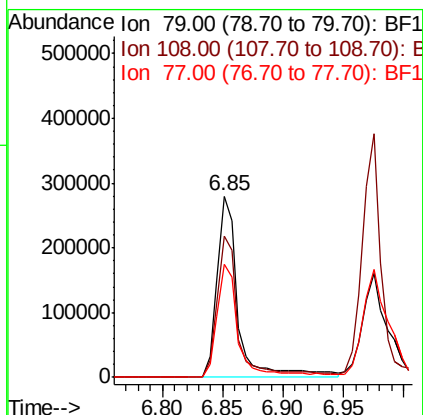
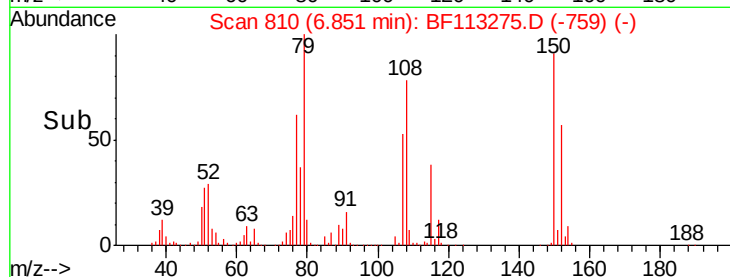
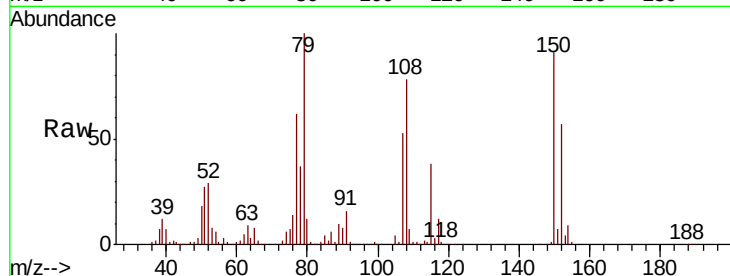
Tot Ion: 79 Resp: 336396

Ion Ratio Lower Upper

79 100

108 77.5 62.0 93.0

77 62.4 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.730 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

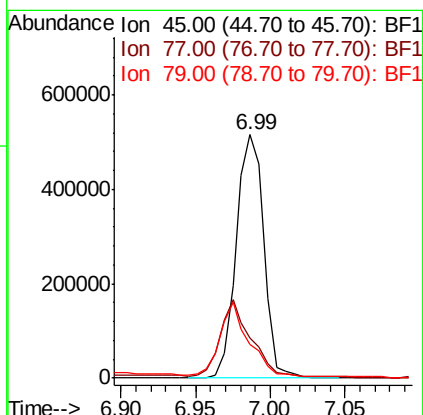
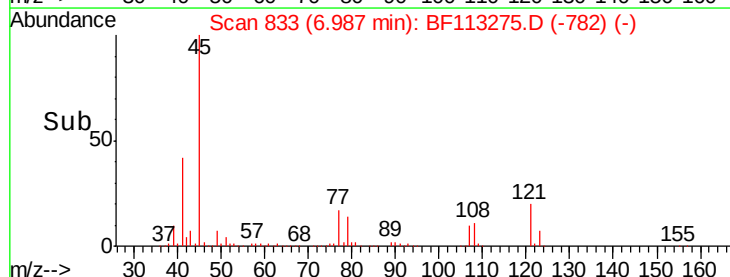
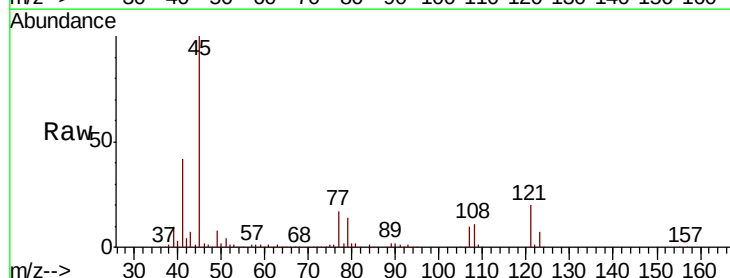
Tgt Ion: 45 Resp: 661846

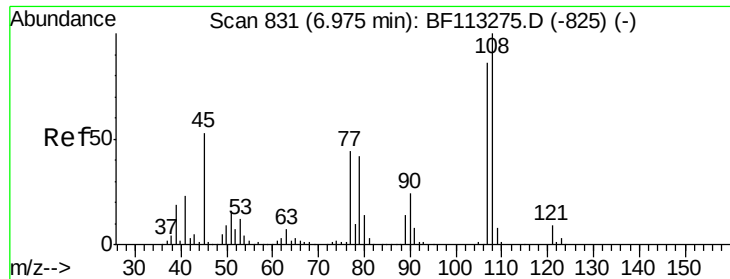
Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.6

79 14.0 0.0 34.0

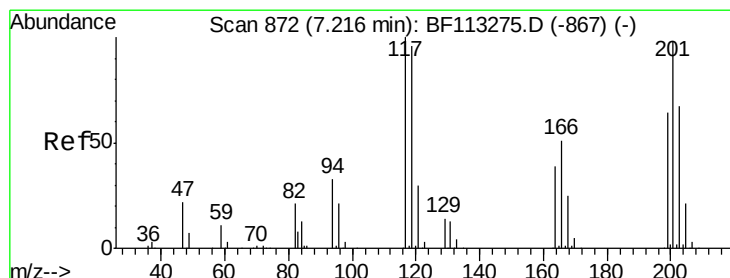
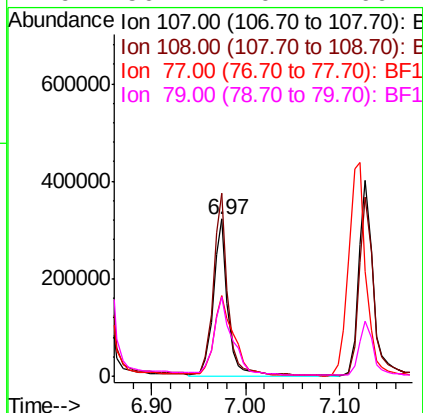
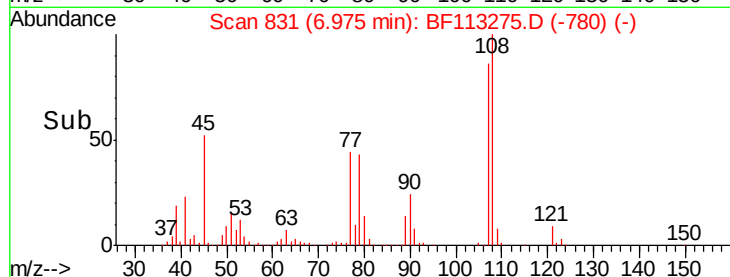
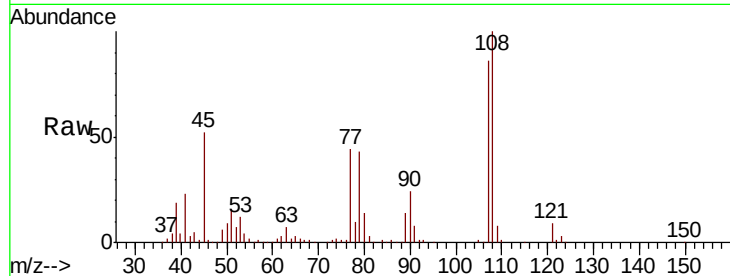




#17  
2-Methylphenol  
Concen: 39.134 ng  
RT: 6.97 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

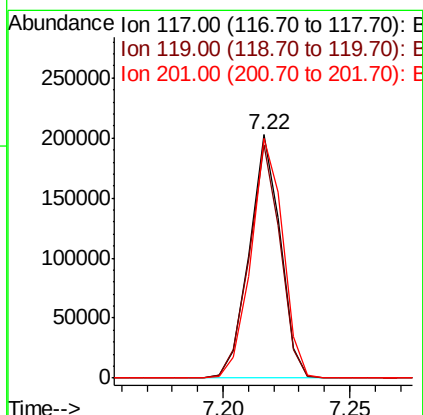
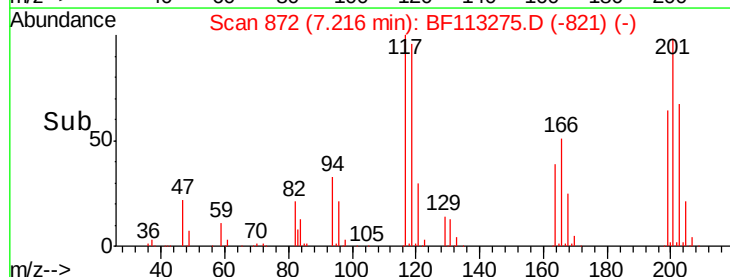
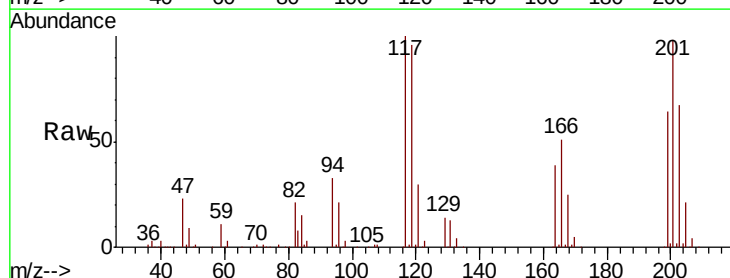
Instrument :  
BNA\_F  
ClientSampleId :

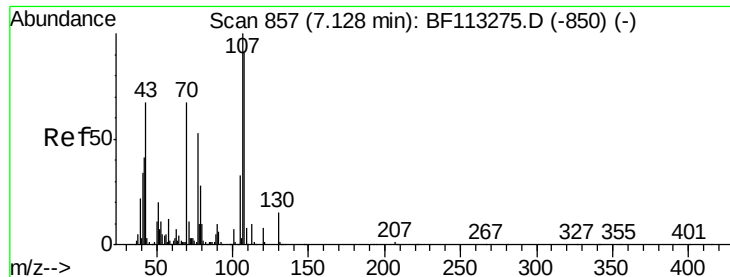
Tot Ion:107 Resp: 358686  
Ion Ratio Lower Upper  
107 100  
108 116.7 93.4 140.0  
77 51.5 41.2 61.8  
79 50.1 40.1 60.1



#18  
Hexachloroethane  
Concen: 38.539 ng  
RT: 7.22 min Scan# 872  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Tgt Ion:117 Resp: 172790  
Ion Ratio Lower Upper  
117 100  
119 96.1 76.9 115.3  
201 98.4 78.7 118.1

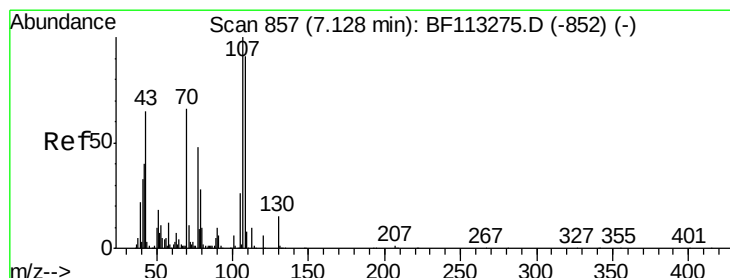
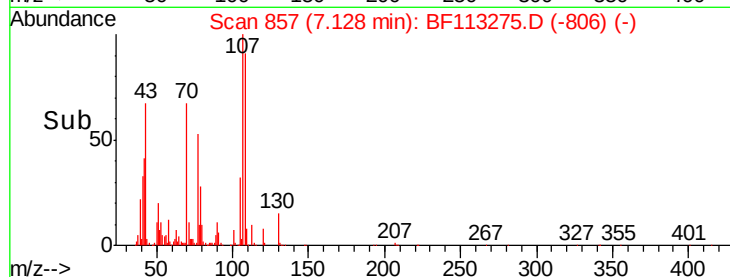
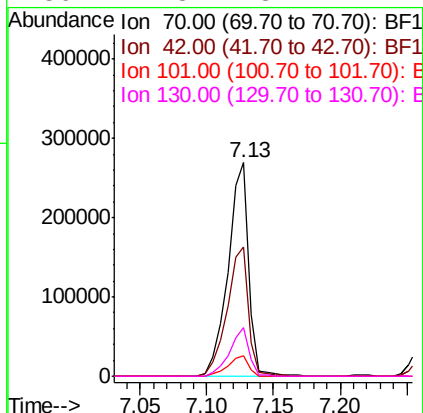
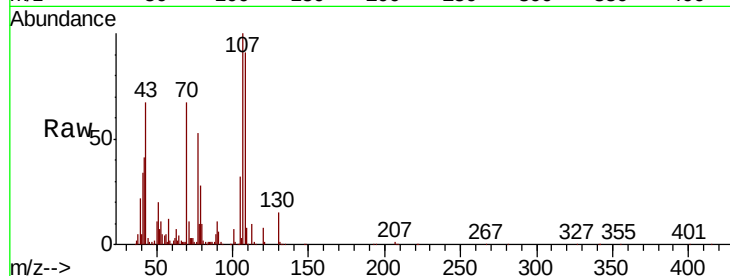




#19  
n-Nitroso-di-n-propylamine  
Concen: 36.335 ng  
RT: 7.13 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

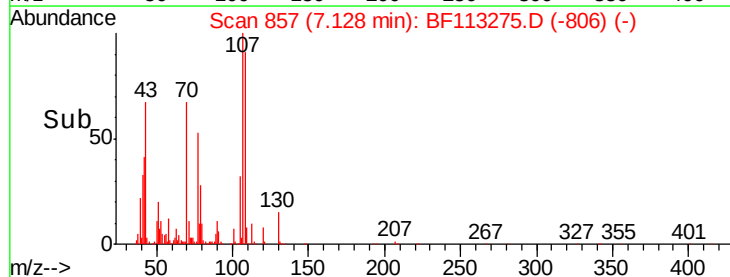
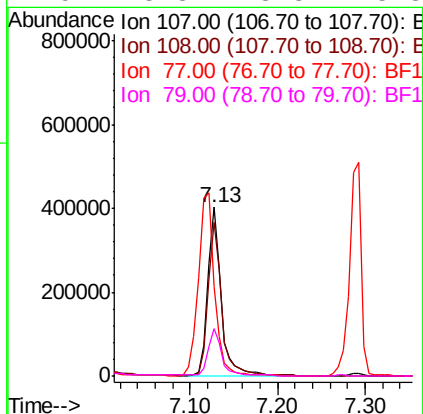
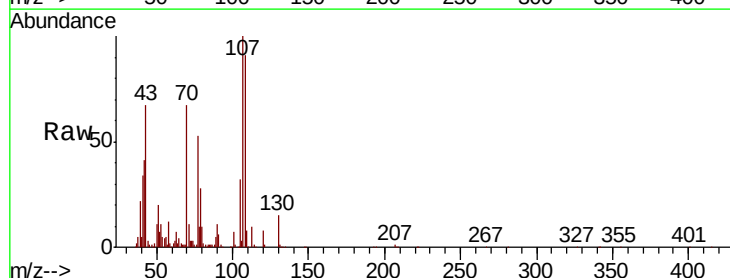
Instrument :  
BNA\_F  
ClientSampleId :

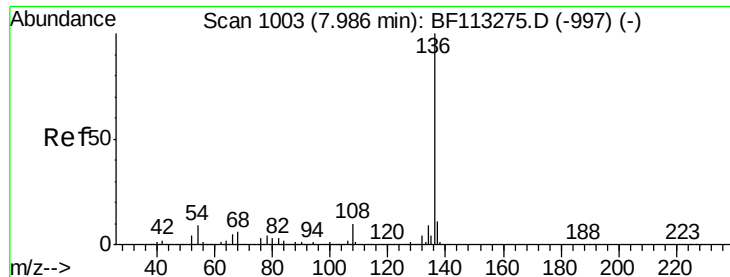
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 293391 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 60.5  | 48.4  | 72.6   |
| 101      | 9.8   | 7.8   | 11.8   |
| 130      | 22.8  | 18.2  | 27.4   |



#20  
3+4-Methylphenols  
Concen: 41.437 ng  
RT: 7.13 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 428791 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.4  | 71.4  | 111.4  |
| 77       | 53.5  | 33.5  | 73.5   |
| 79       | 28.3  | 8.3   | 48.3   |

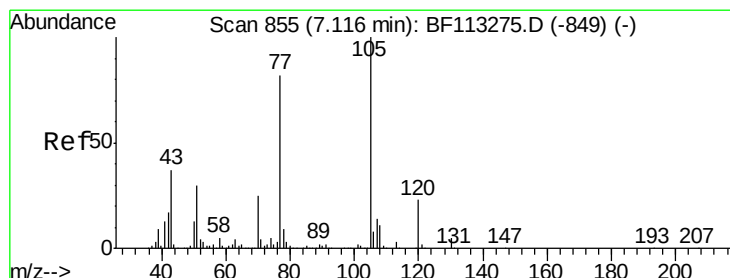
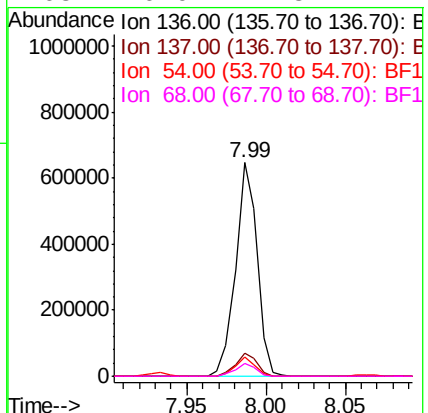
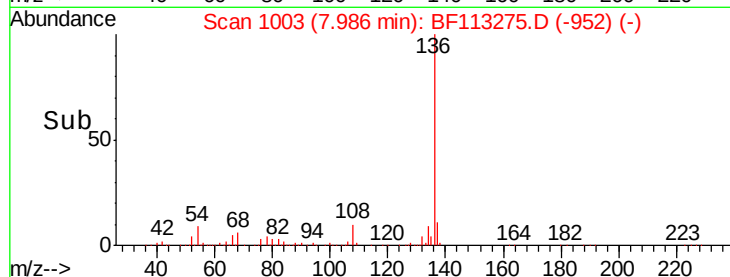
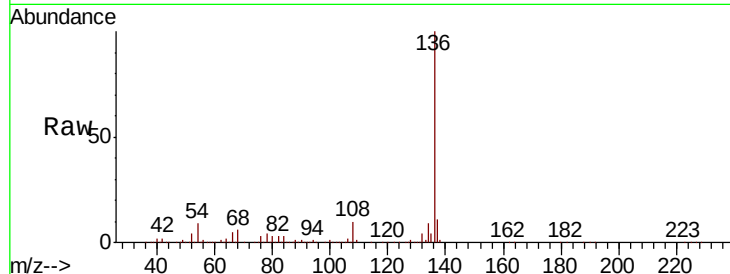




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.99 min Scan# 1003  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

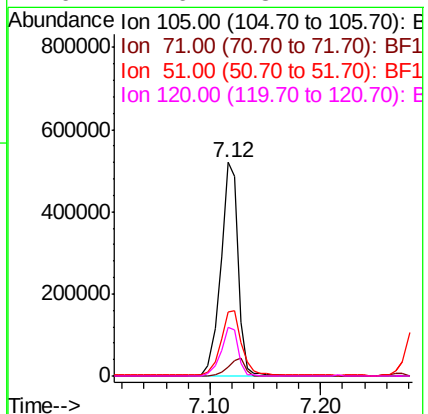
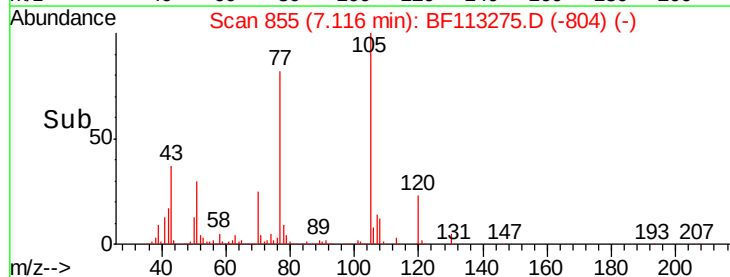
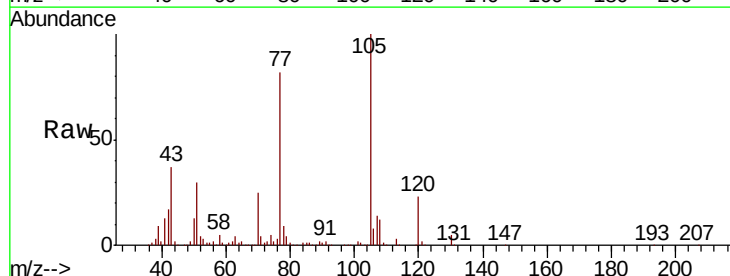
Instrument :  
BNA\_F  
ClientSampleId :

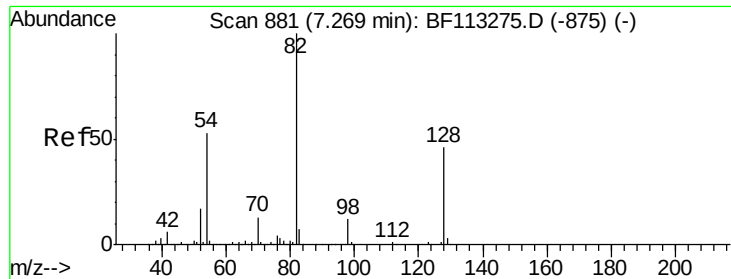
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 607928      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.1  | 8.9 13.3    |
| 54          | 8.8   | 7.0 10.6    |
| 68          | 6.0   | 4.8 7.2     |



#22  
Acetophenone  
Concen: 40.170 ng  
RT: 7.12 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 571015      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 4.1   | 3.3 4.9     |
| 51          | 30.2  | 24.2 36.2   |
| 120         | 22.6  | 18.1 27.1   |

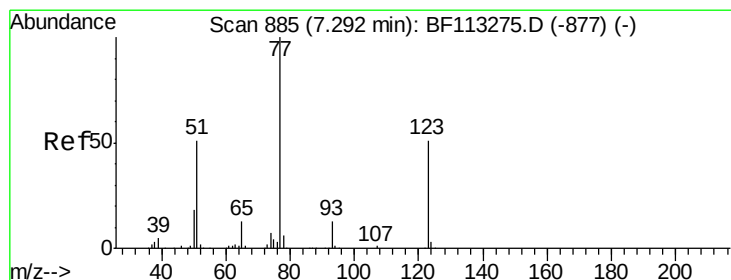
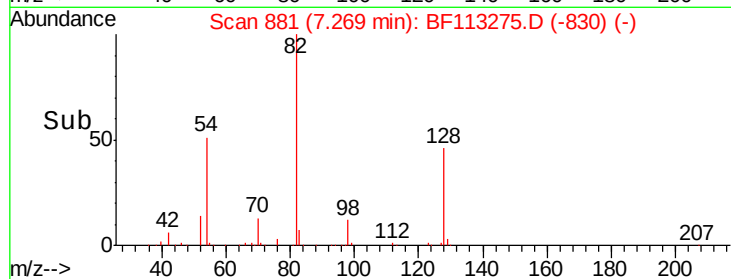
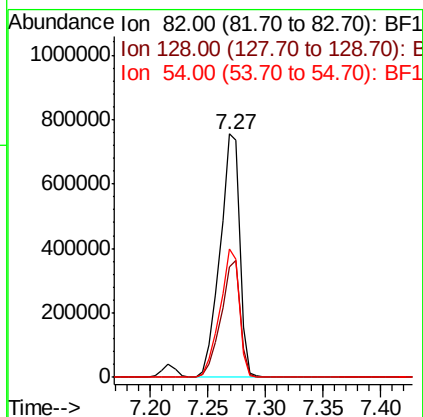
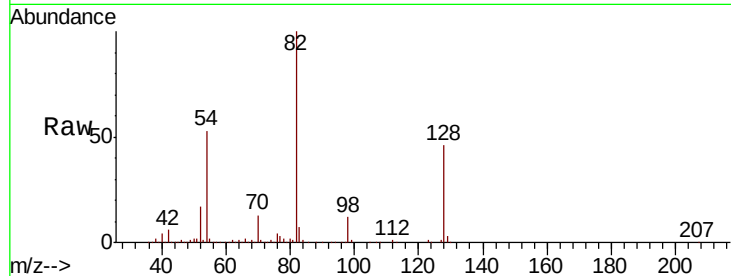




#23  
 Nitrobenzene-d5  
 Concen: 88.122 ng  
 RT: 7.27 min Scan# 881  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

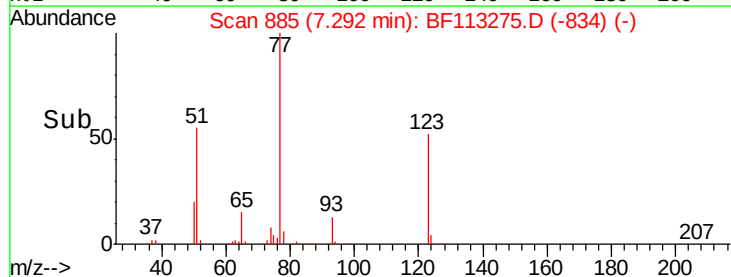
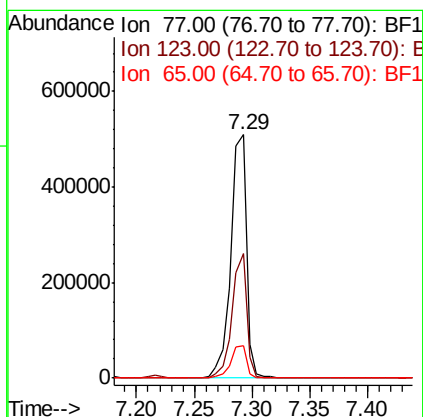
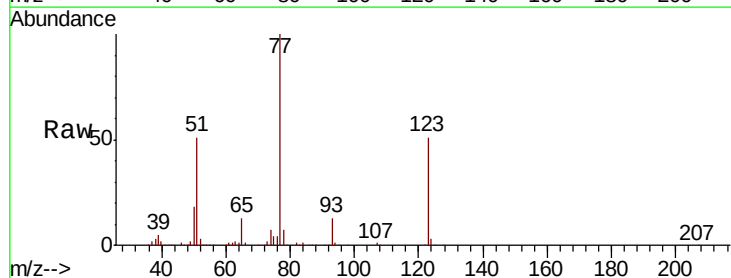
Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion   | 82    | Resp  | 895287 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.6  | 36.5  | 54.7   |
| 54        | 52.7  | 42.2  | 63.2   |

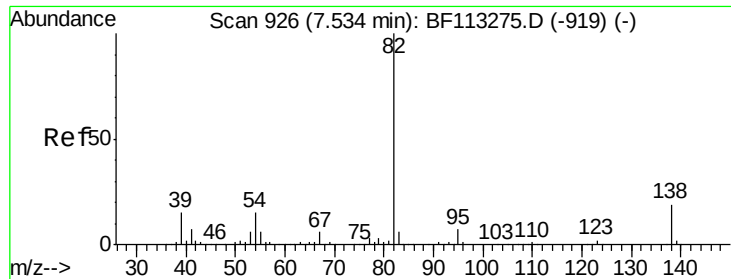


#24  
 Nitrobenzene  
 Concen: 42.255 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

| Tgt Ion   | 77    | Resp  | 477807 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 51.0  | 40.8  | 61.2   |
| 65        | 13.3  | 10.6  | 16.0   |







#25

Isophorone

Concen: 38.338 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampleId :

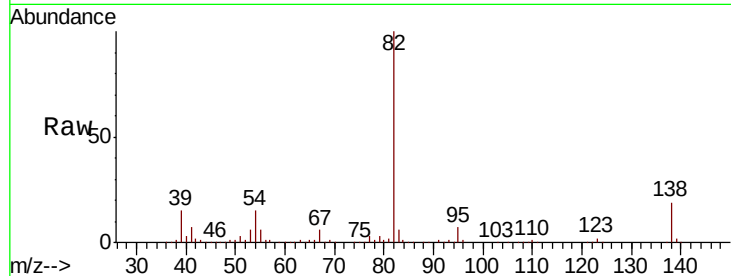
Tot Ion: 82 Resp: 839113

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

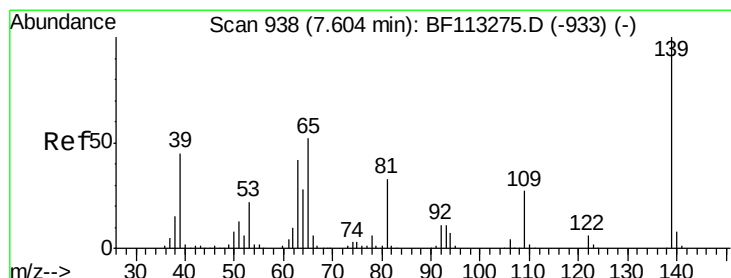
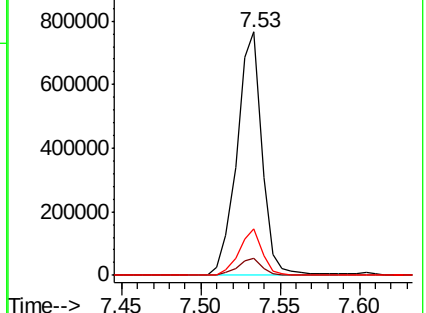
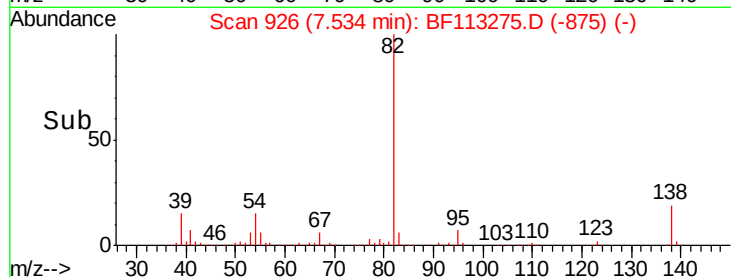
138 19.0 15.2 22.8



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: 52.021 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

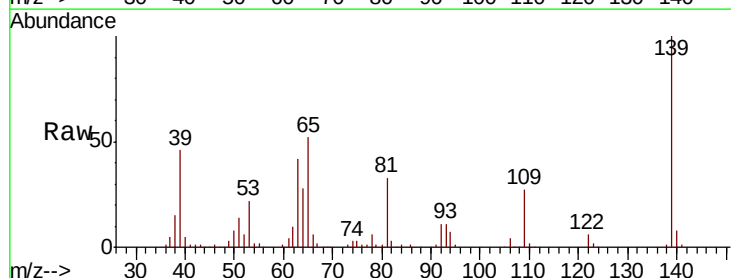
Tgt Ion: 139 Resp: 244871

Ion Ratio Lower Upper

139 100

109 27.1 21.7 32.5

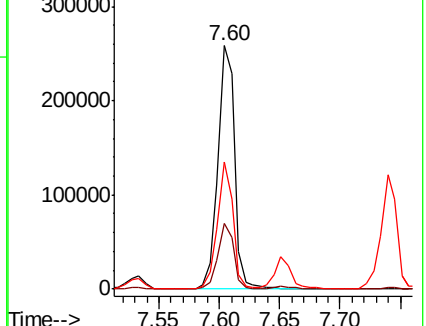
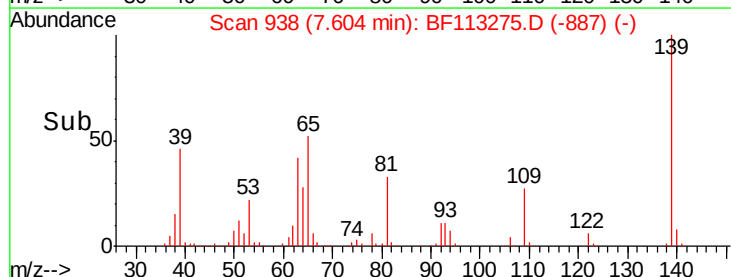
65 52.0 41.6 62.4

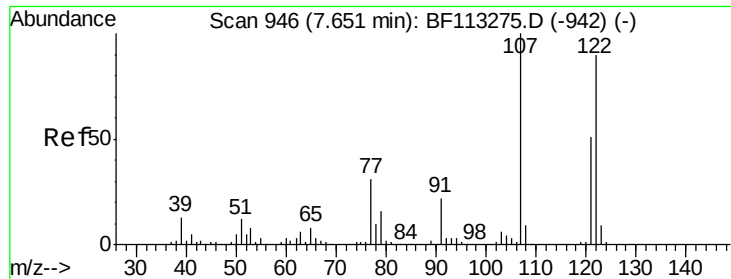


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

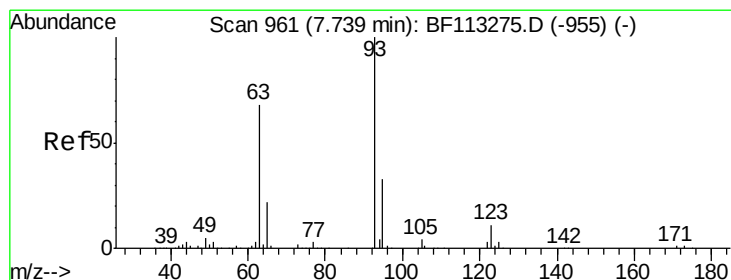
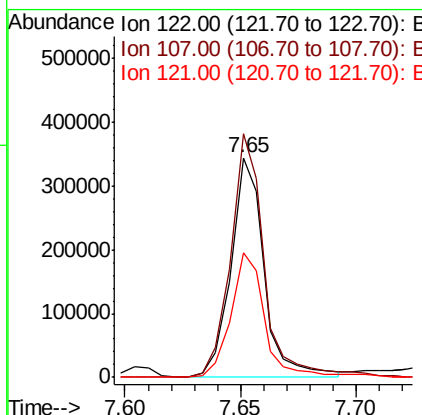
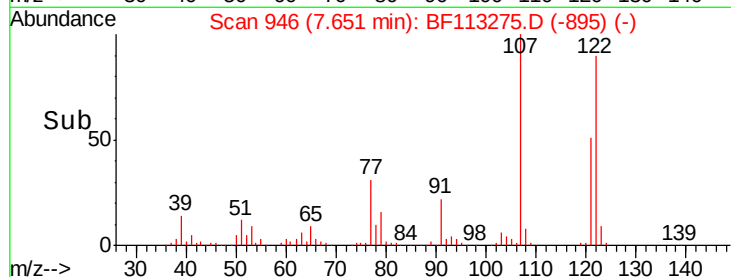
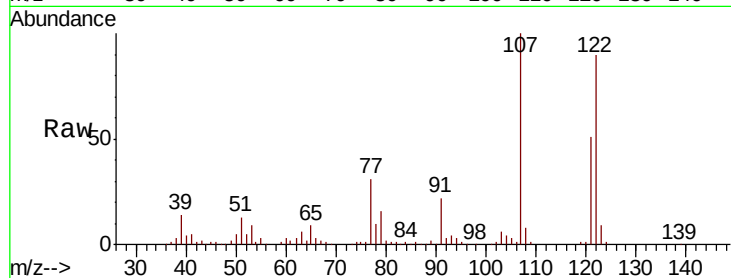




#27  
 2,4-Dimethylphenol  
 Concen: 39.423 ng  
 RT: 7.65 min Scan# 946  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

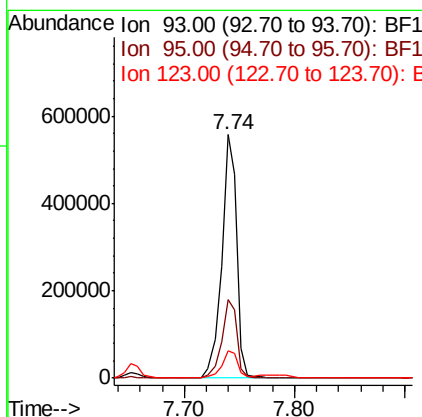
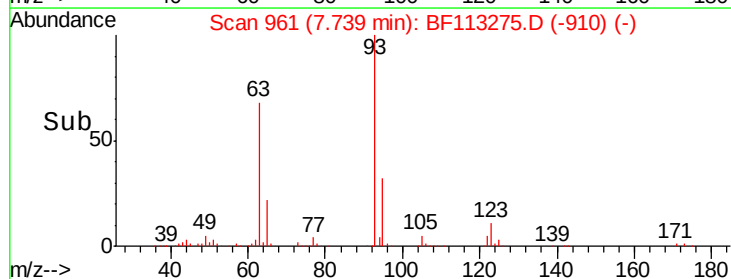
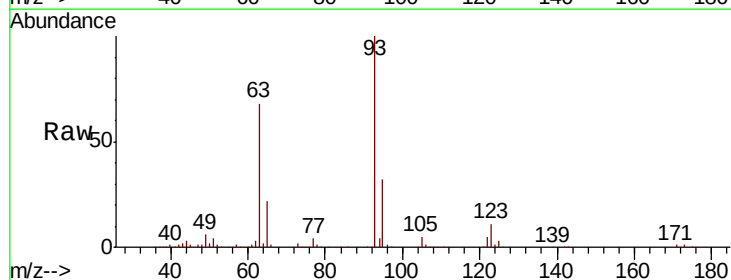
Instrument :  
 BNA\_F  
 ClientSampled :

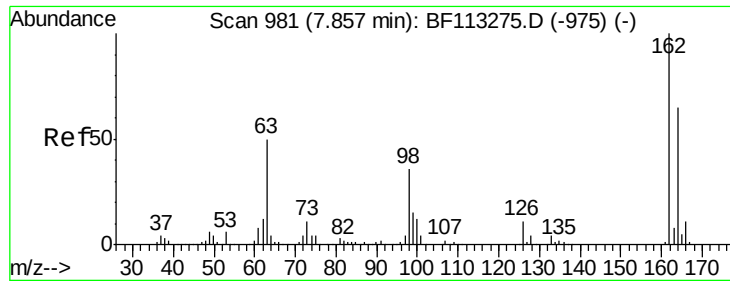
Tot Ion:122 Resp: 345232  
 Ion Ratio Lower Upper  
 122 100  
 107 111.0 88.8 133.2  
 121 56.9 45.5 68.3



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.136 ng  
 RT: 7.74 min Scan# 961  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

Tgt Ion: 93 Resp: 521856  
 Ion Ratio Lower Upper  
 93 100  
 95 32.5 26.0 39.0  
 123 11.4 9.1 13.7

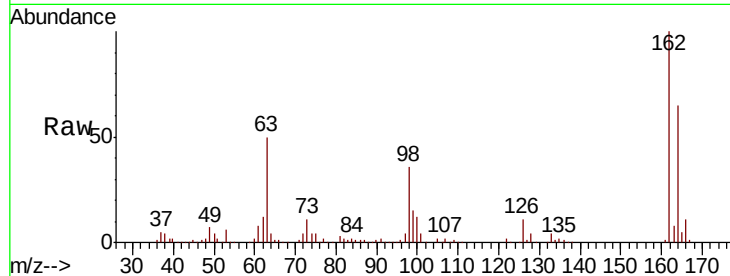




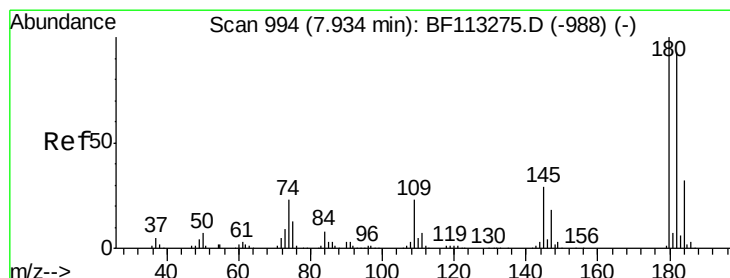
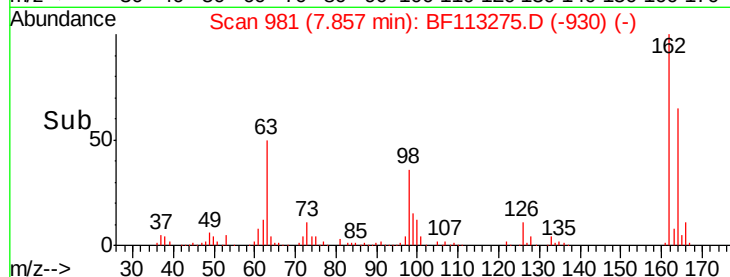
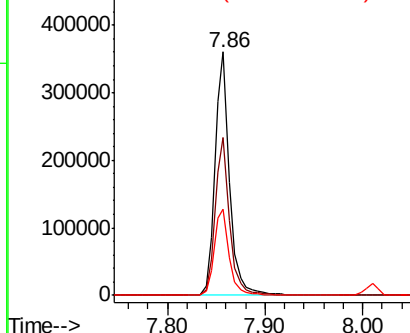
#29  
 2,4-Dichlorophenol  
 Concen: 43.551 ng  
 RT: 7.86 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.6  | 44.6  | 84.6  |
| 98      | 35.6  | 15.6  | 55.6  |

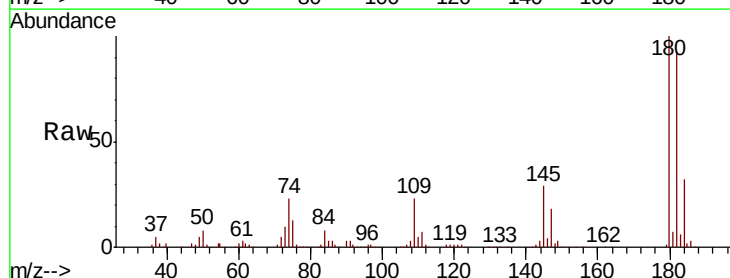


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

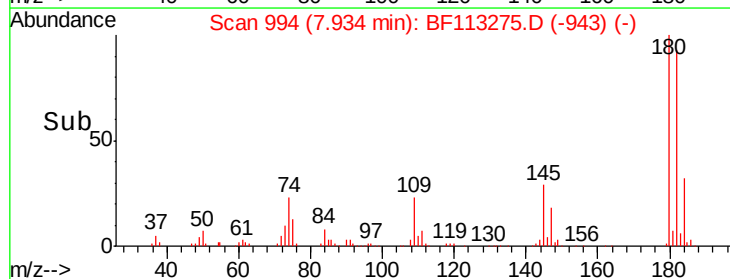
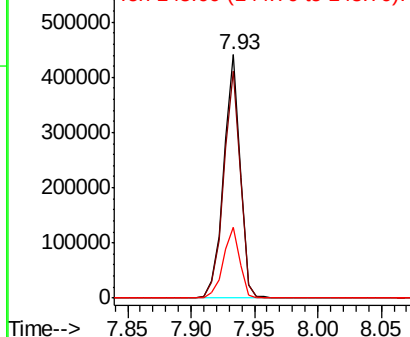


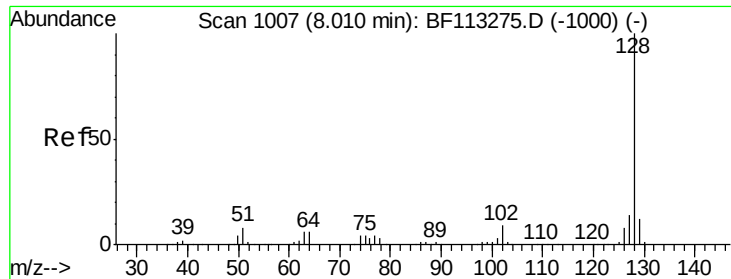
#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.645 ng  
 RT: 7.93 min Scan# 994  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.2  | 74.6  | 111.8 |
| 145     | 29.2  | 23.4  | 35.0  |



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

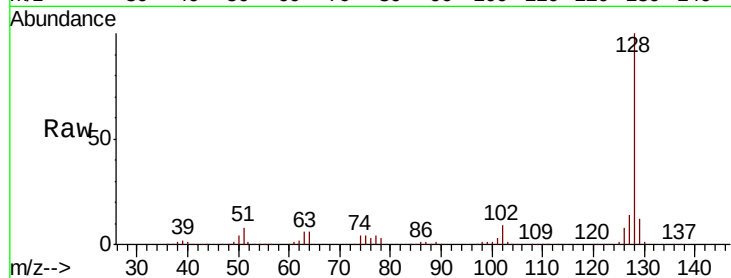




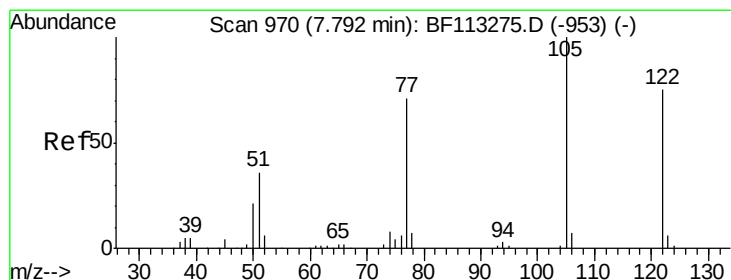
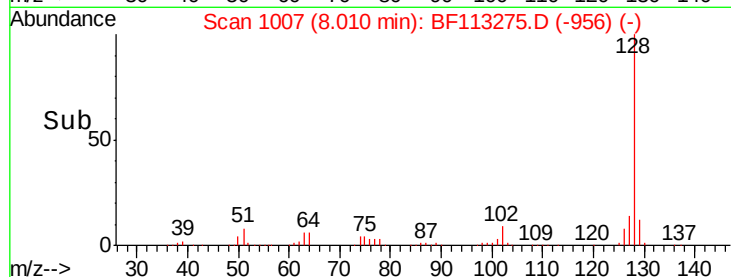
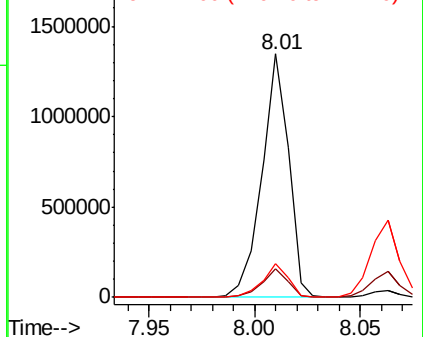
#31  
Naphthalene  
Concen: 39.339 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 1187350  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.3 13.9  
127 13.6 10.9 16.3

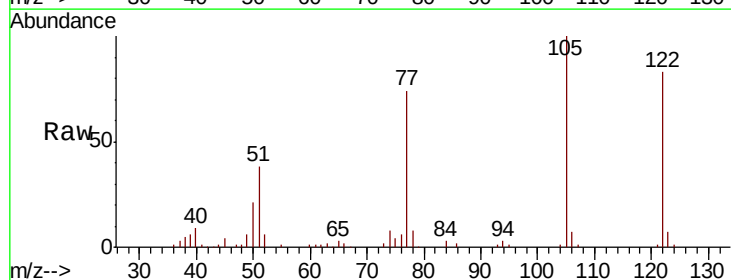


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

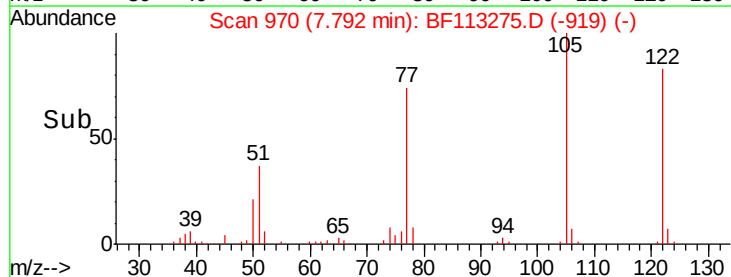
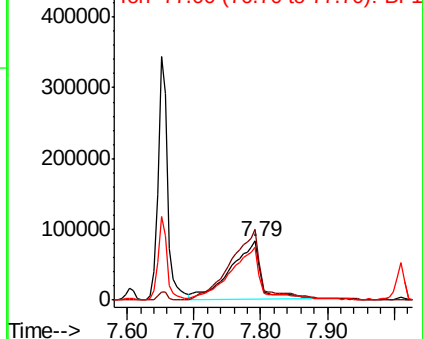


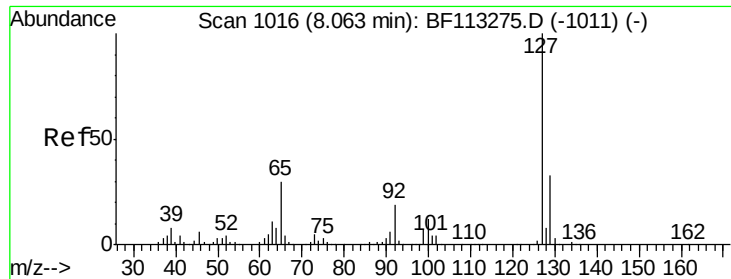
#32  
Benzoic acid  
Concen: 43.759 ng  
RT: 7.79 min Scan# 970  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Tgt Ion:122 Resp: 268582  
Ion Ratio Lower Upper  
122 100  
105 120.4 100.4 140.4  
77 89.0 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

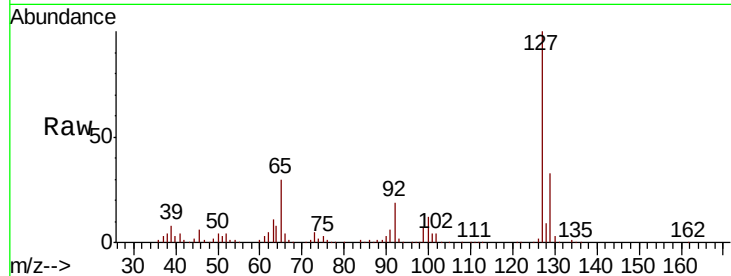




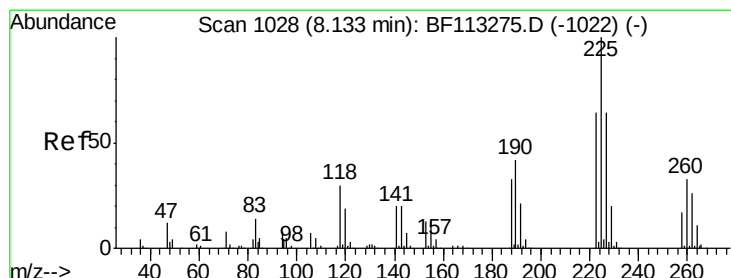
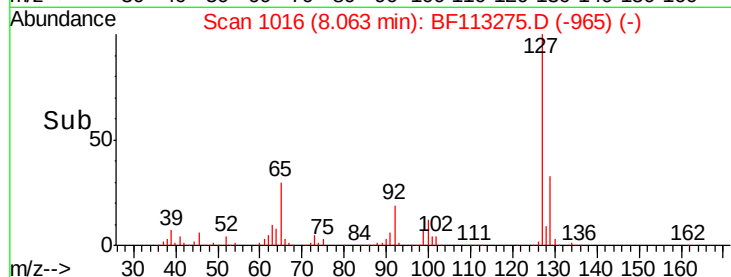
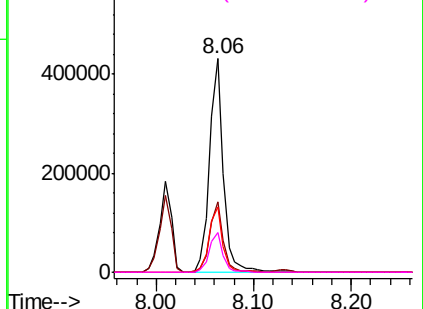
#33  
4-Chloroaniline  
Concen: 33.018 ng  
RT: 8.06 min Scan# 1016  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 422099 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.9  | 26.3  | 39.5   |
| 65       | 30.3  | 24.2  | 36.4   |
| 92       | 18.8  | 15.0  | 22.6   |

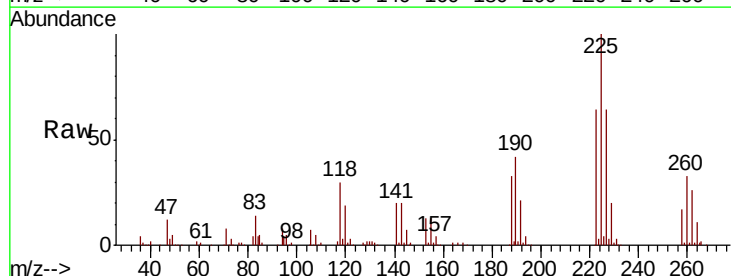


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

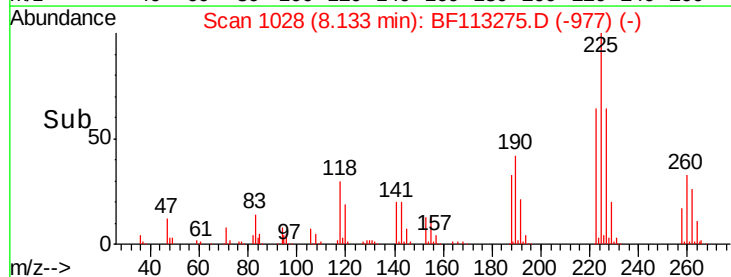
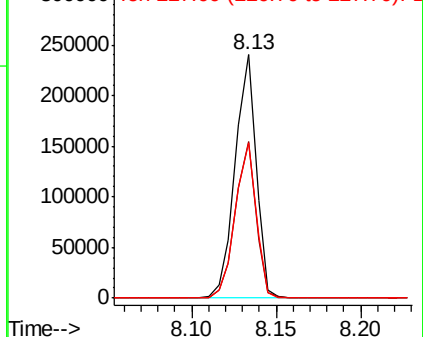


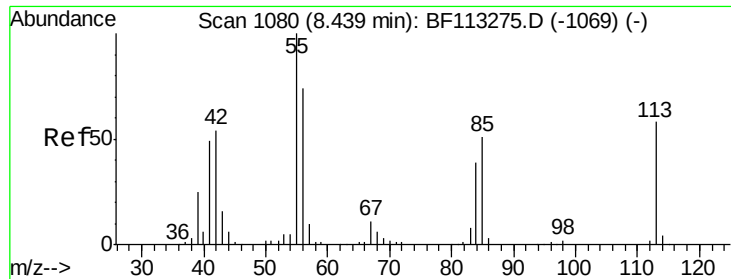
#34  
Hexachlorobutadiene  
Concen: 40.559 ng  
RT: 8.13 min Scan# 1028  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 208719 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.3  | 51.4  | 77.2   |
| 227      | 63.9  | 51.1  | 76.7   |



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

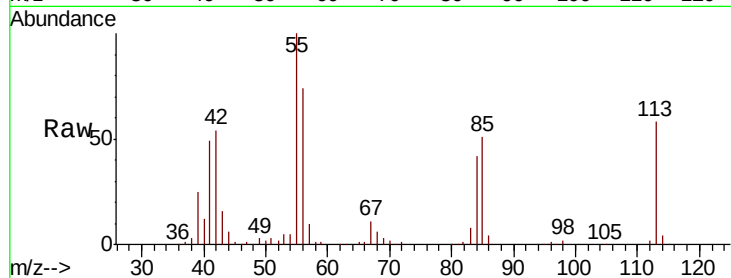




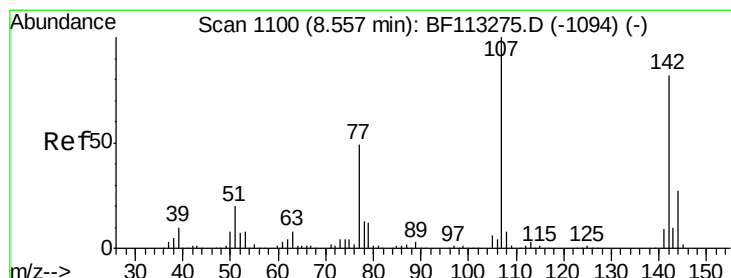
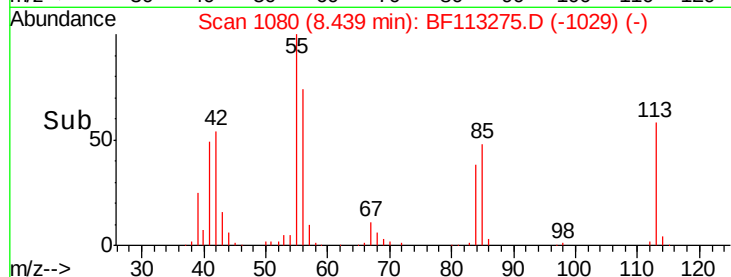
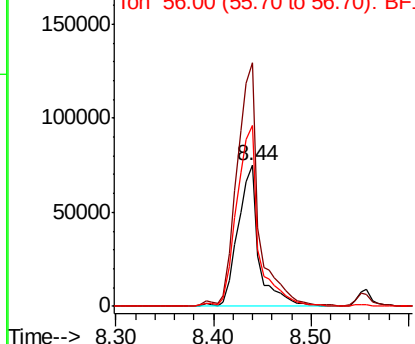
#35  
 Caprolactam  
 Concen: 37.827 ng  
 RT: 8.44 min Scan# 1080  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:113 Resp: 113140  
 Ion Ratio Lower Upper  
 113 100  
 55 172.7 152.7 192.7  
 56 128.3 108.3 148.3

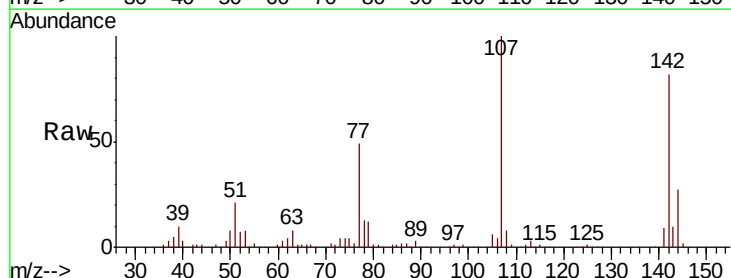


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

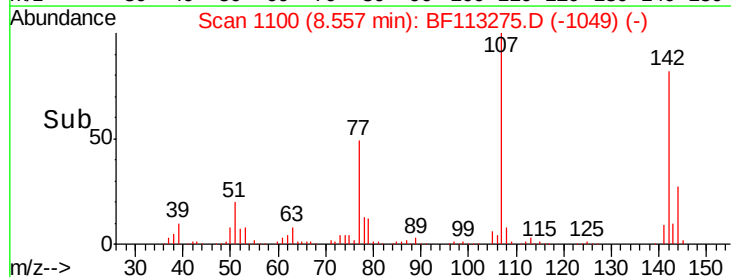
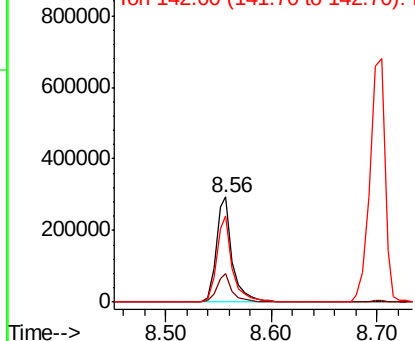


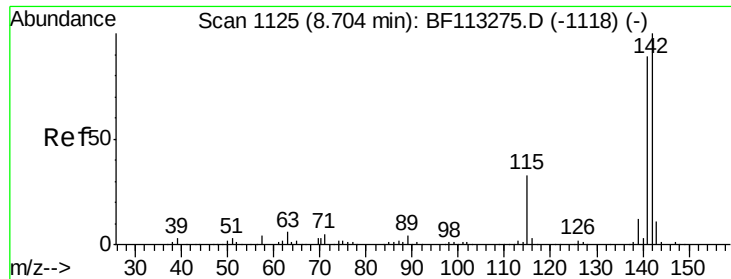
#36  
 4-Chloro-3-methylphenol  
 Concen: 33.731 ng  
 RT: 8.56 min Scan# 1100  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

Tgt Ion:107 Resp: 317012  
 Ion Ratio Lower Upper  
 107 100  
 144 26.7 21.4 32.0  
 142 82.0 65.6 98.4



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

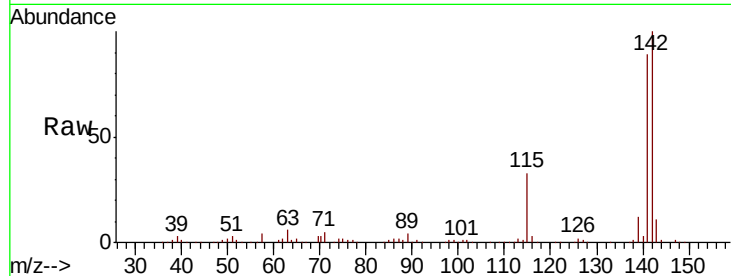




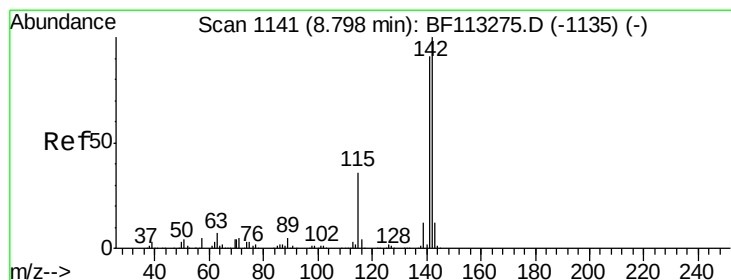
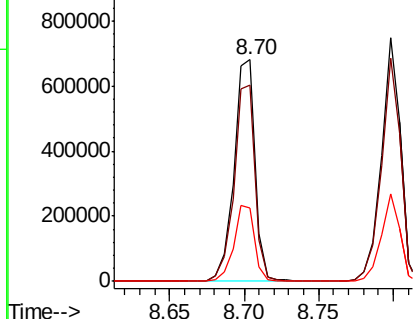
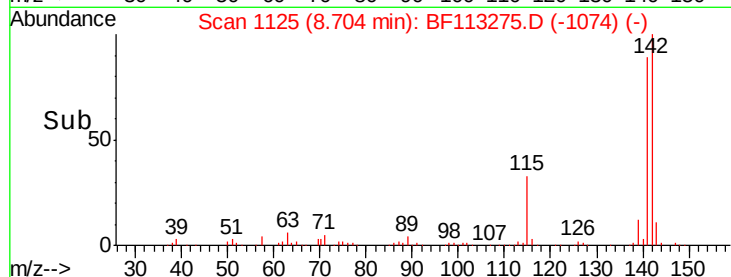
#37  
2-Methylnaphthalene  
Concen: 34.676 ng  
RT: 8.70 min Scan# 1125  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:142 Resp: 675872  
Ion Ratio Lower Upper  
142 100  
141 88.8 71.0 106.6  
115 33.2 26.6 39.8

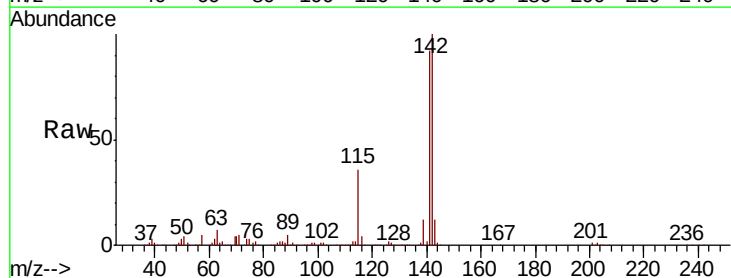


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

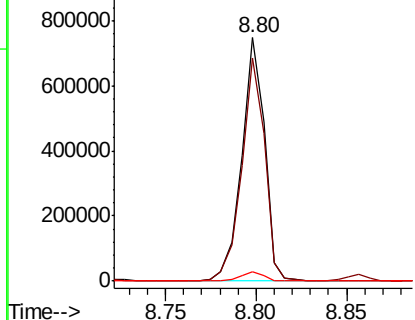
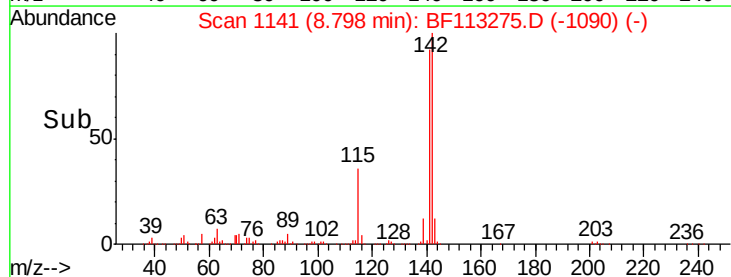


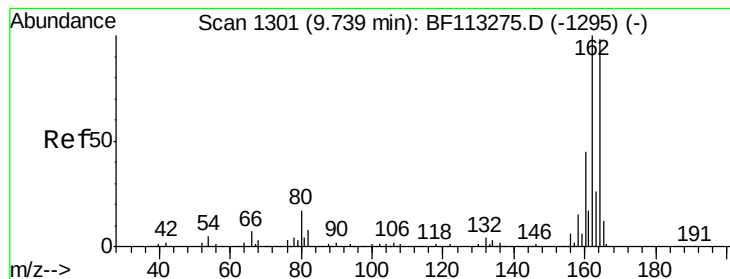
#38  
1-Methylnaphthalene  
Concen: 34.487 ng  
RT: 8.80 min Scan# 1141  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Tgt Ion:142 Resp: 651151  
Ion Ratio Lower Upper  
142 100  
141 91.5 73.2 109.8  
116 3.7 3.0 4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampleId :

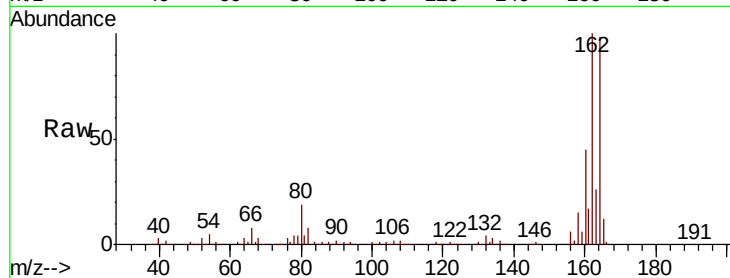
Tot Ion:164 Resp: 252470

Ion Ratio Lower Upper

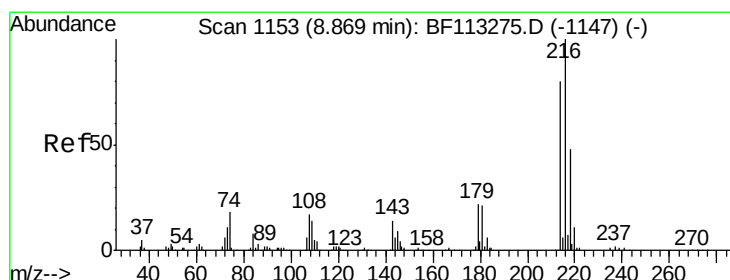
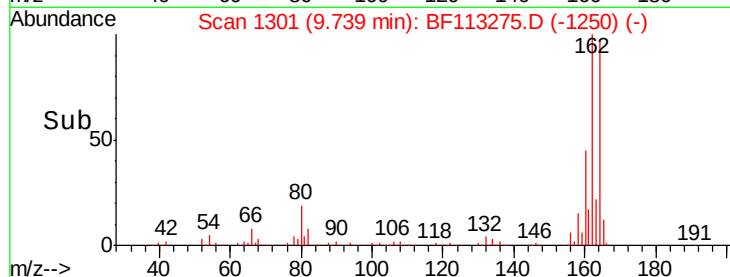
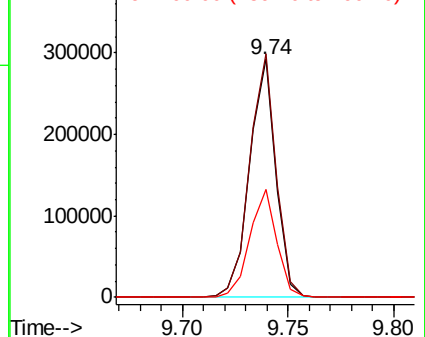
164 100

162 102.2 81.8 122.6

160 45.5 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: 44.139 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Tgt Ion:216 Resp: 324961

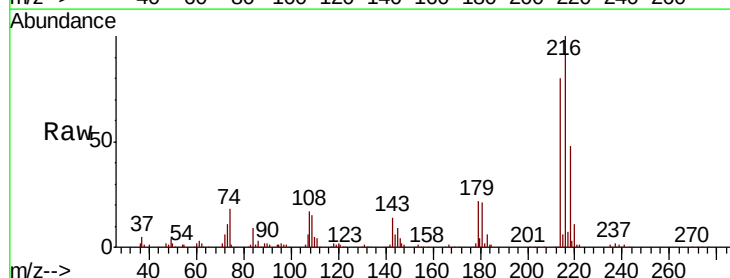
Ion Ratio Lower Upper

216 100

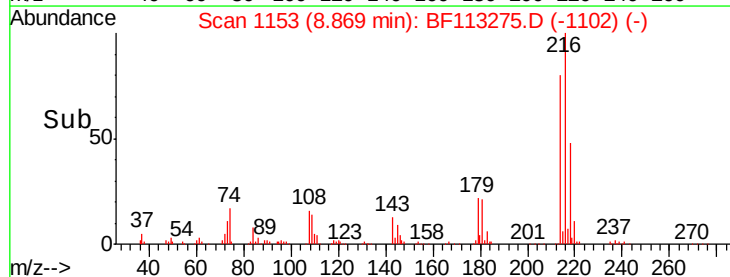
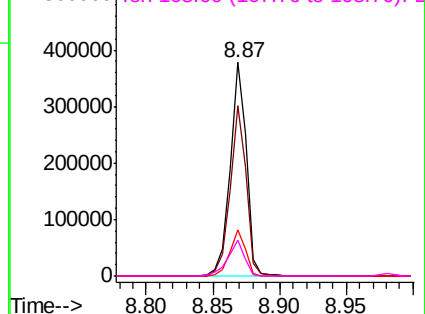
214 78.8 63.0 94.6

179 21.0 16.8 25.2

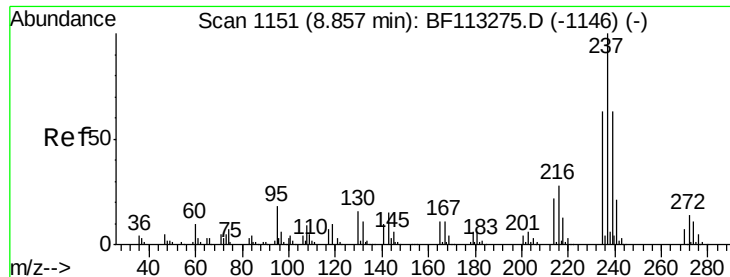
108 17.2 13.8 20.6



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: 32.920 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampleId :

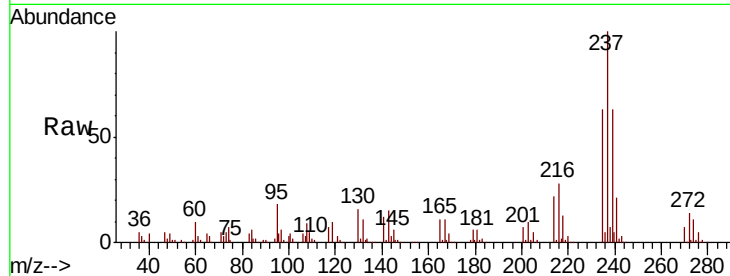
Tot Ion:237 Resp: 132721

Ion Ratio Lower Upper

237 100

235 63.4 43.4 83.4

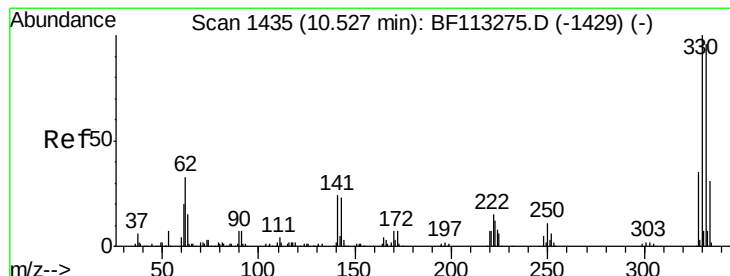
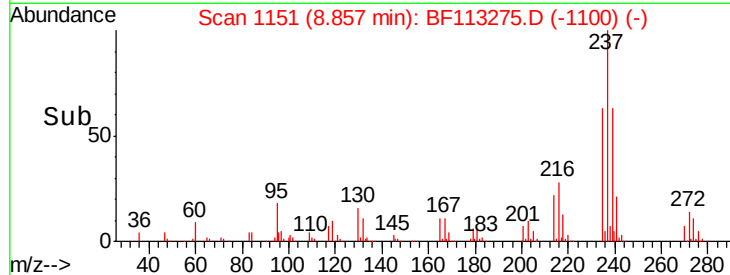
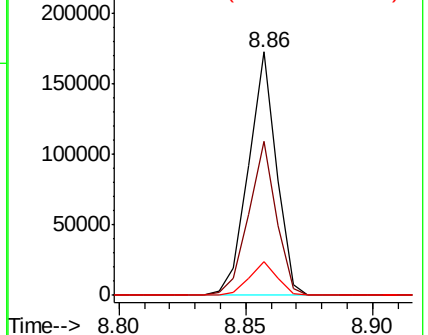
272 13.7 0.0 33.7



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: 95.286 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

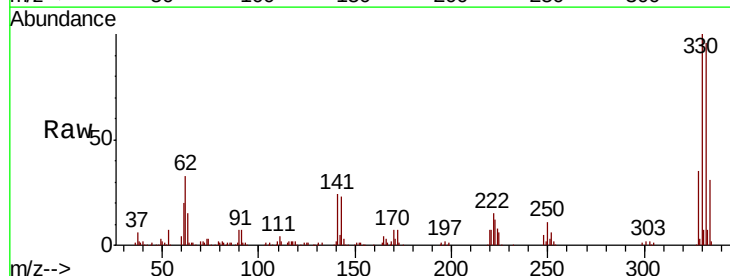
Tgt Ion:330 Resp: 255394

Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.6

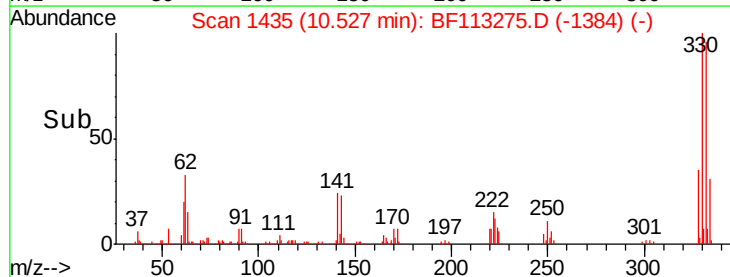
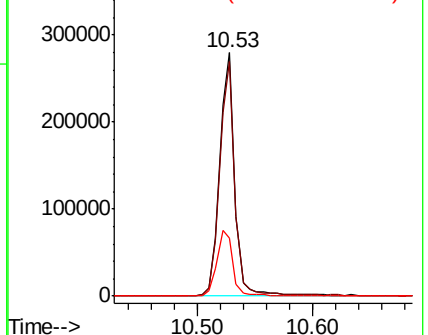
141 28.4 22.7 34.1

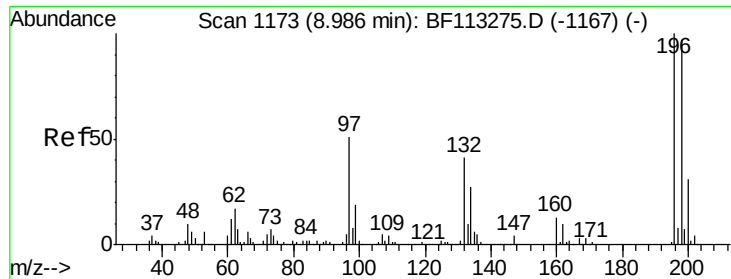


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

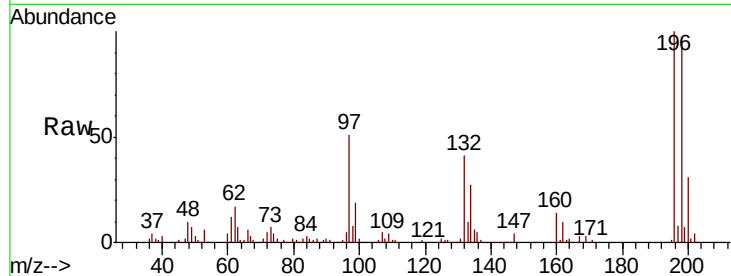




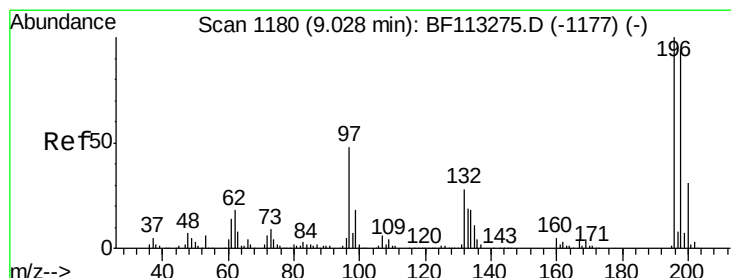
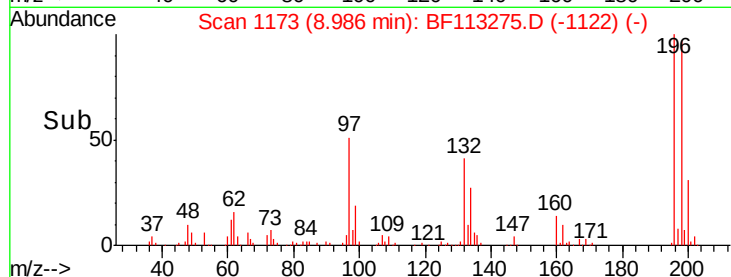
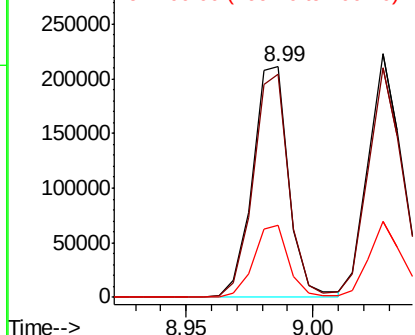
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.478 ng  
 RT: 8.99 min Scan# 1173  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion   | 196   | Resp  | 210164 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.1  | 77.7  | 116.5  |
| 200       | 31.1  | 24.9  | 37.3   |



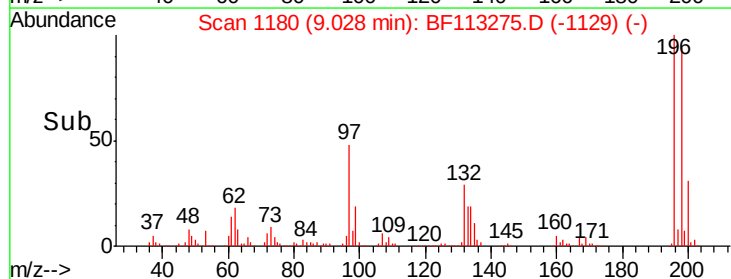
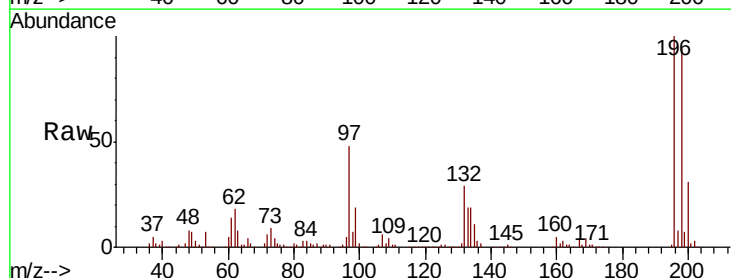
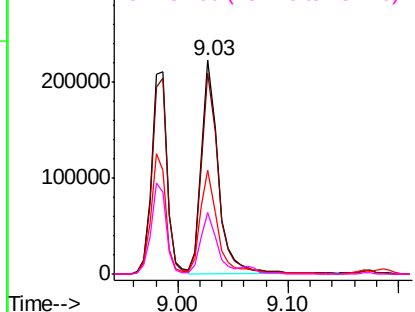
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

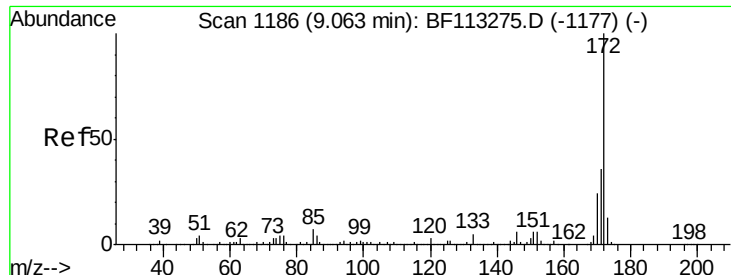


#44  
 2,4,5-Trichlorophenol  
 Concen: 41.923 ng  
 RT: 9.03 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

| Tgt Ion   | 196   | Resp  | 229603 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.3  | 75.4  | 113.2  |
| 97        | 48.3  | 38.6  | 58.0   |
| 132       | 28.6  | 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

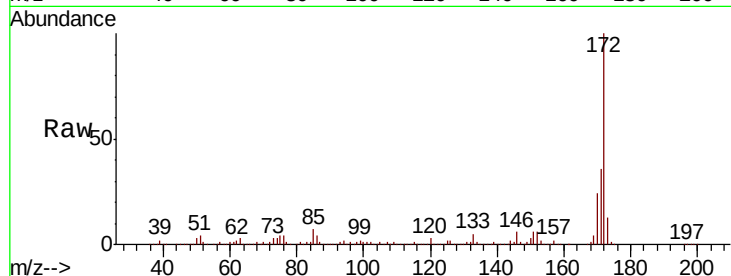




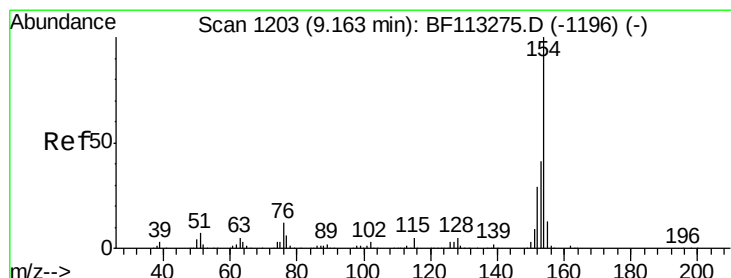
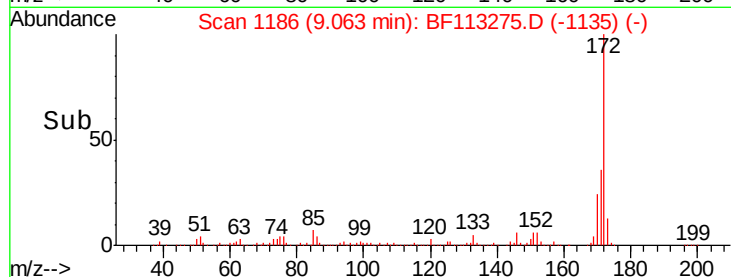
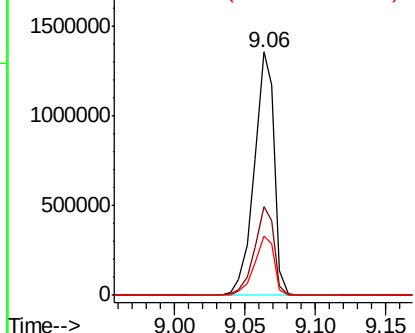
#45  
2-Fluorobiphenyl  
Concen: 90.519 ng  
RT: 9.06 min Scan# 1186  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 1355692  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.0 43.6  
170 24.4 19.5 29.3

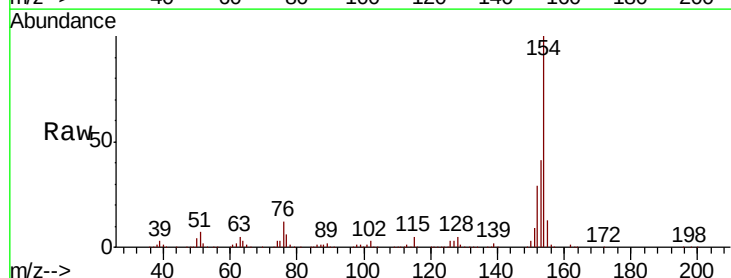


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

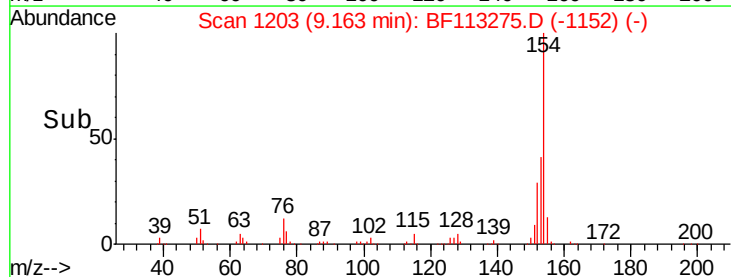
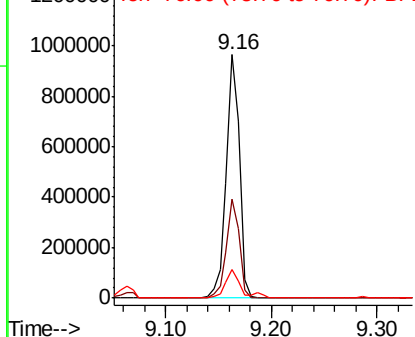


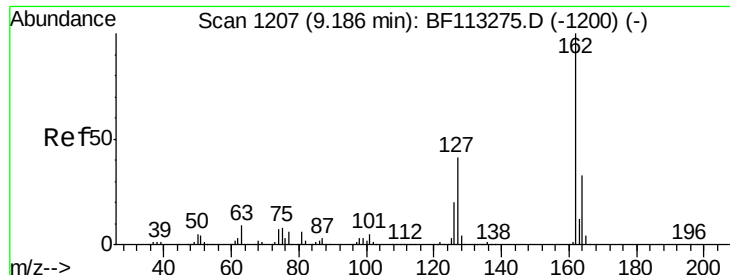
#46  
1,1'-Biphenyl  
Concen: 40.695 ng  
RT: 9.16 min Scan# 1203  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Tgt Ion:154 Resp: 838036  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.8 60.8  
76 11.9 0.0 31.9



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

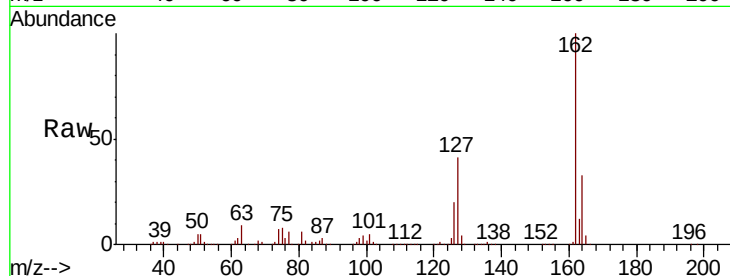




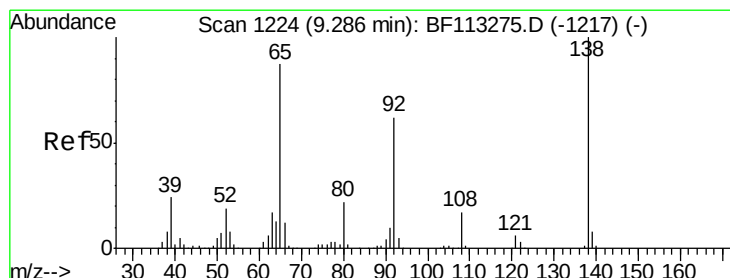
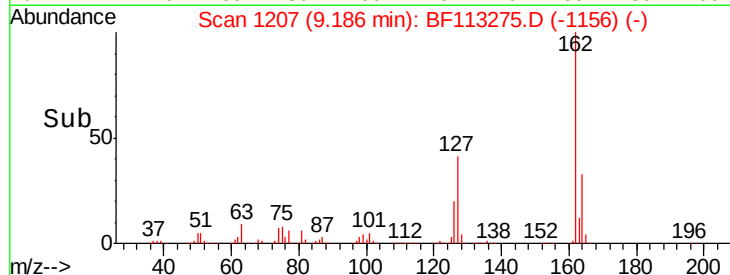
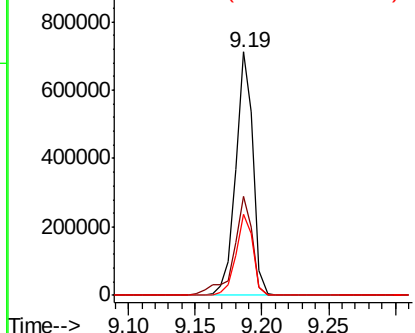
#47  
 2-Chloronaphthalene  
 Concen: 40.270 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

Instrument :  
 BNA\_F  
 ClientSampleID :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.8  | 32.6  | 49.0  |
| 164     | 33.2  | 26.6  | 39.8  |

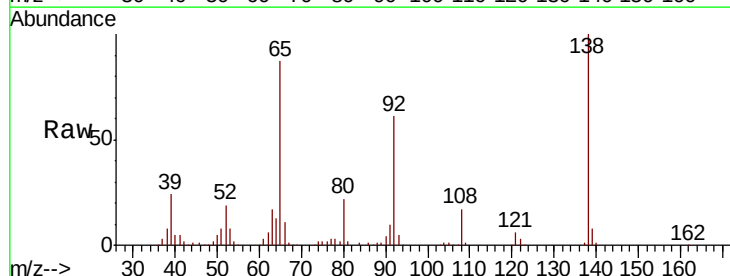


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

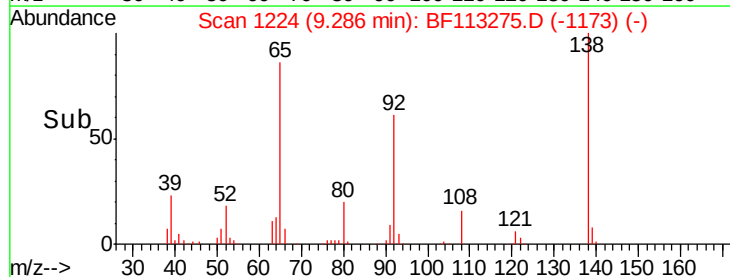
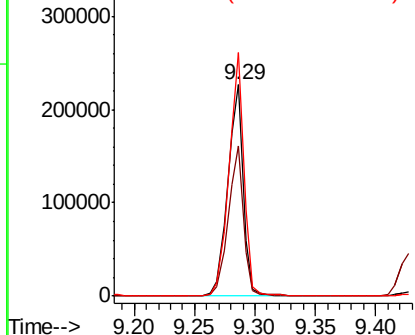


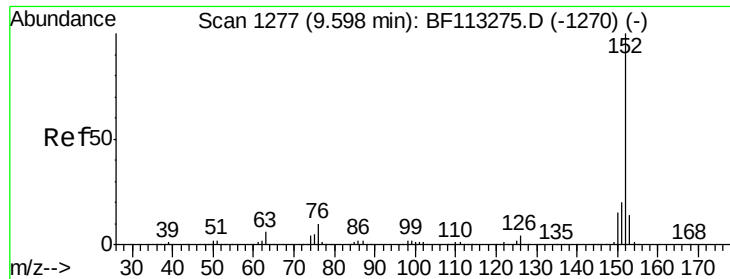
#48  
 2-Nitroaniline  
 Concen: 41.497 ng  
 RT: 9.29 min Scan# 1224  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.0  | 56.8  | 85.2  |
| 138     | 115.4 | 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: 39.430 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

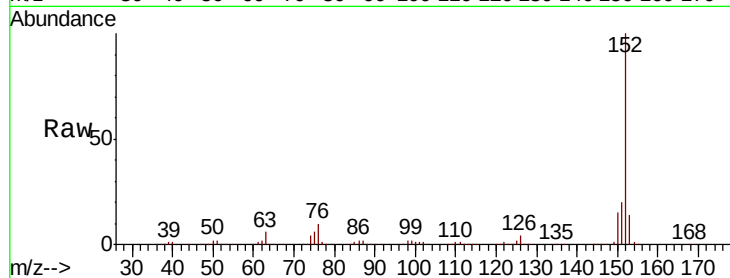
Instrument :

BNA\_F

ClientSampled :

Tot Ion:152 Resp: 1076359

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.3  | 16.2  | 24.4  |
| 153 | 13.8  | 11.0  | 16.6  |

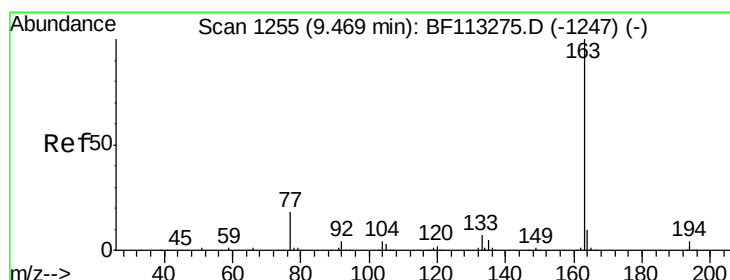
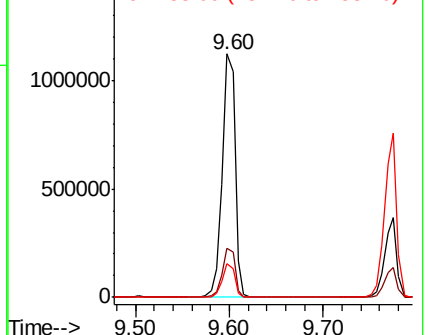
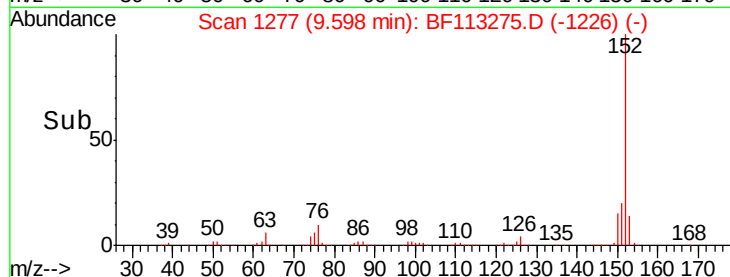


Abundance

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: 40.271 ng

RT: 9.47 min Scan# 1255

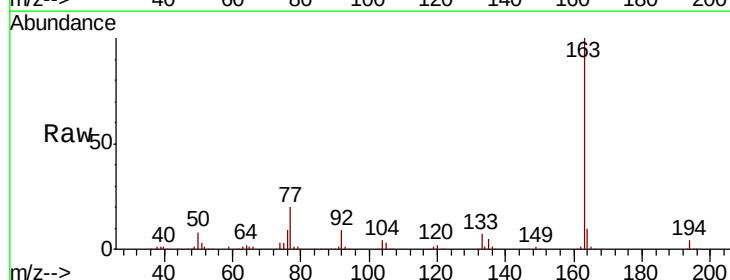
Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Tgt Ion:163 Resp: 749690

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.8   | 3.0   | 4.6   |
| 164 | 10.1  | 8.1   | 12.1  |

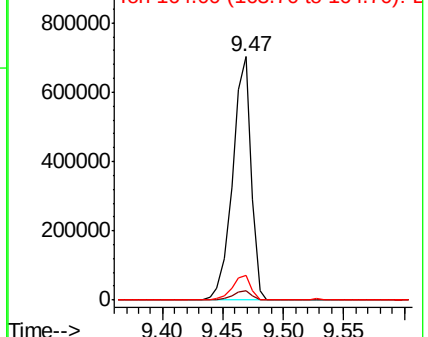
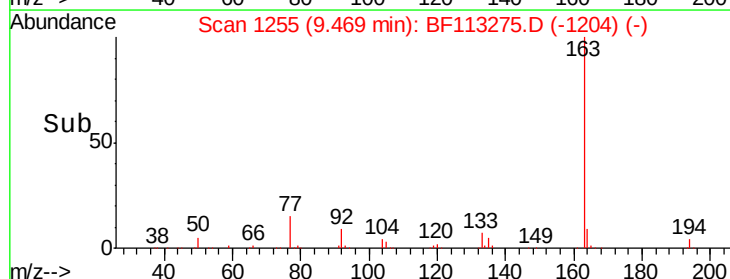


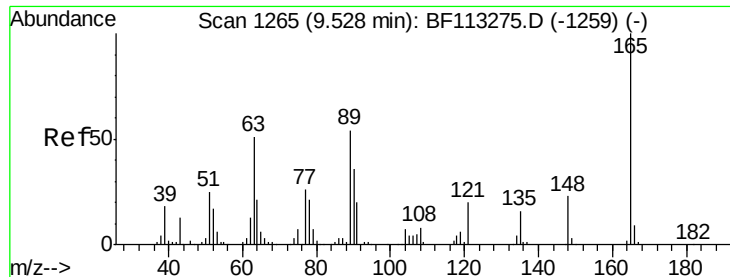
Abundance

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: 44.027 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampled :

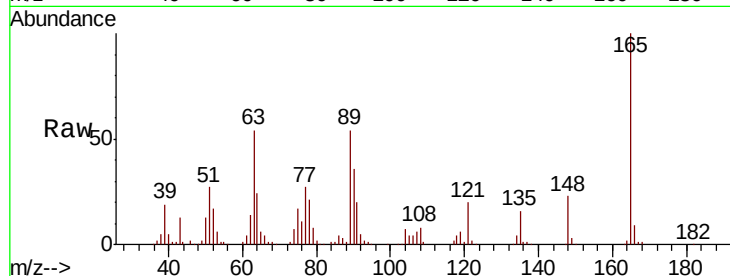
Tot Ion:165 Resp: 170673

Ion Ratio Lower Upper

165 100

63 54.2 43.4 65.0

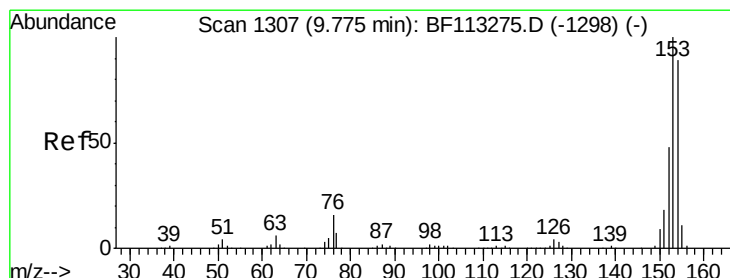
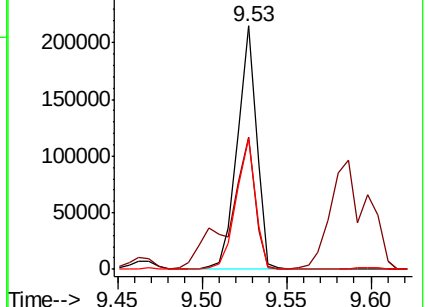
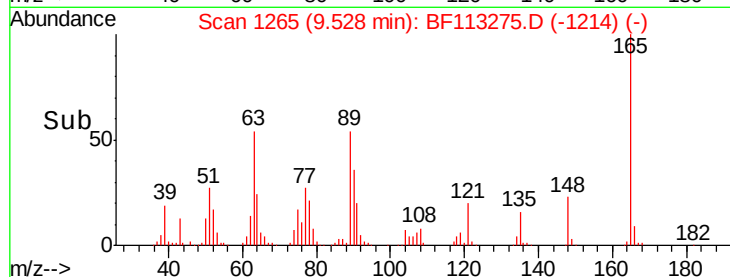
89 53.9 43.1 64.7



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: 37.404 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

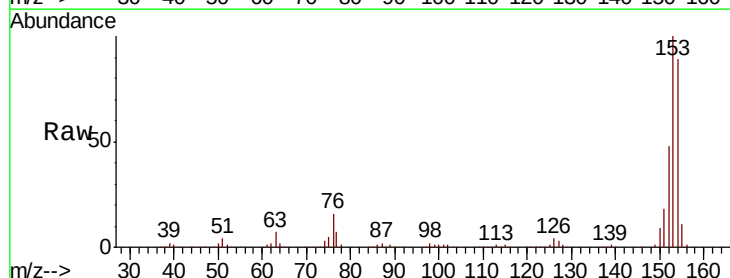
Tgt Ion:154 Resp: 597102

Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

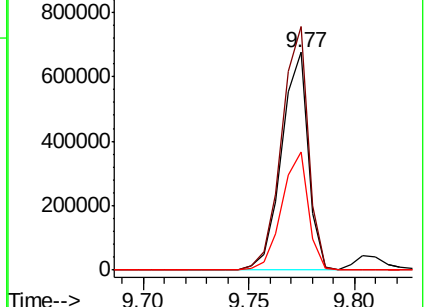
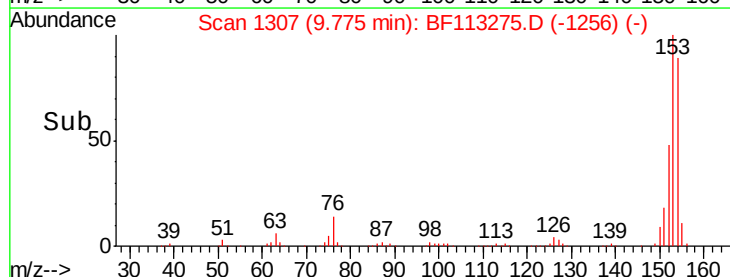
152 54.1 43.3 64.9

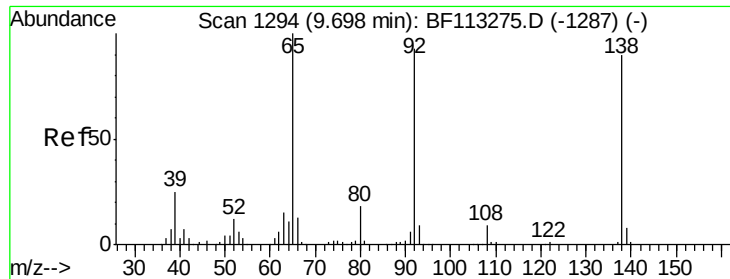


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

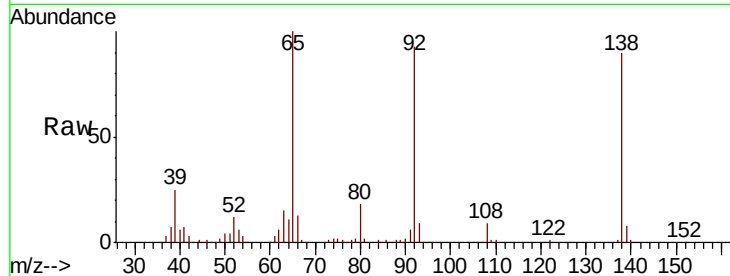




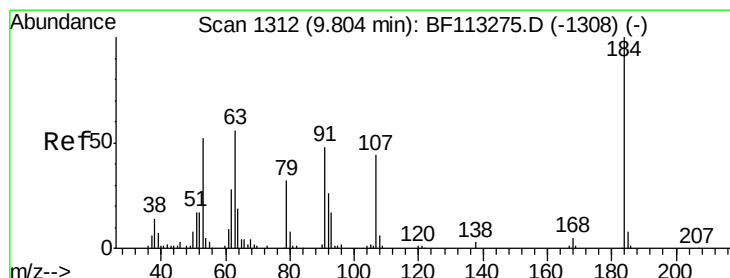
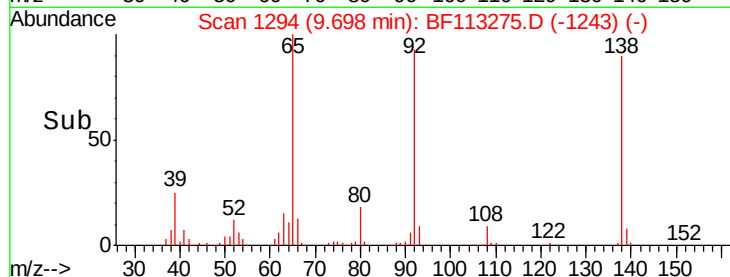
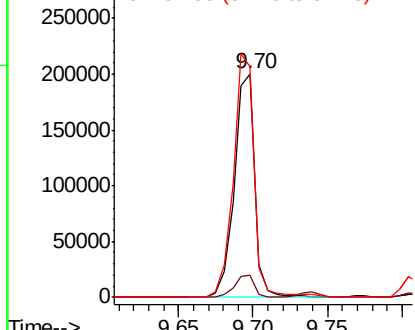
#53  
3-Nitroaniline  
Concen: 41.008 ng  
RT: 9.70 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:138 Resp: 193707  
Ion Ratio Lower Upper  
138 100  
108 9.7 7.8 11.6  
92 103.3 82.6 124.0

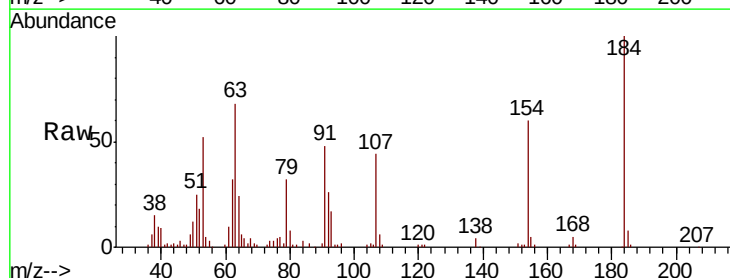


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

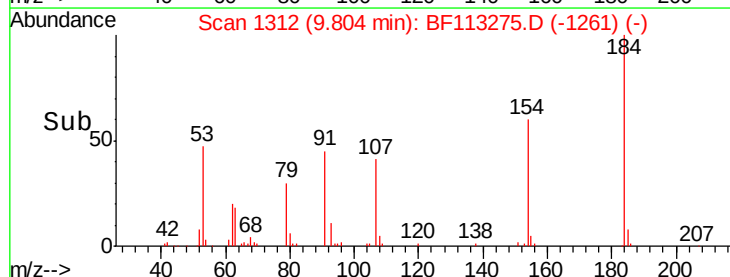
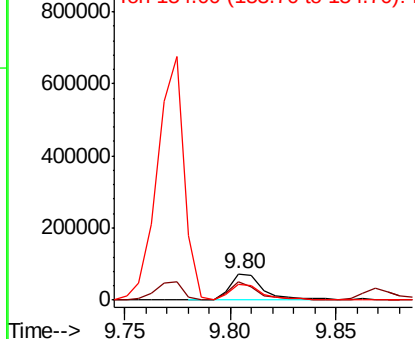


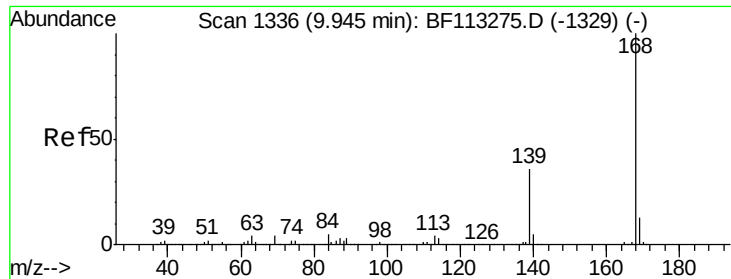
#54  
2,4-Dinitrophenol  
Concen: 51.947 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Tgt Ion:184 Resp: 78468  
Ion Ratio Lower Upper  
184 100  
63 67.9 54.3 81.5  
154 60.5 48.4 72.6



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

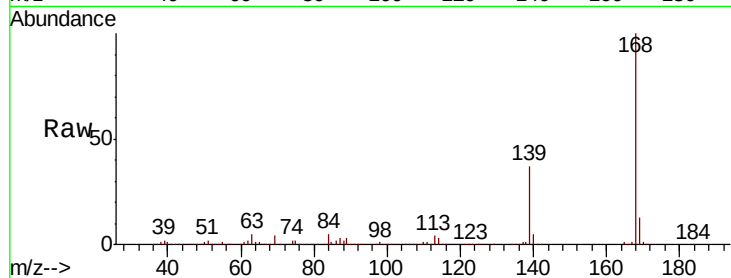




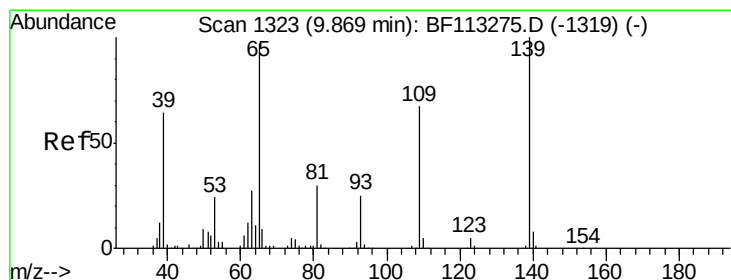
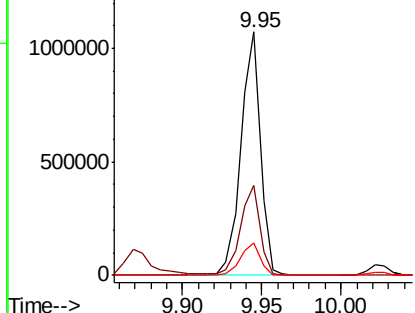
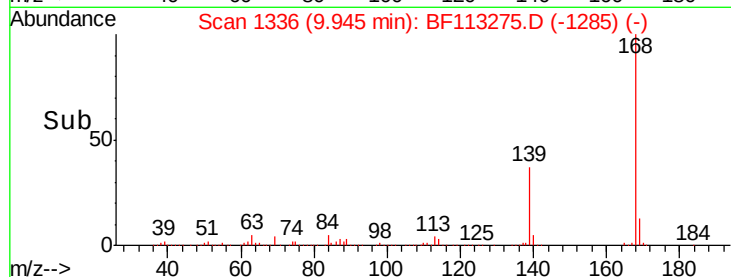
#55  
Dibenzofuran  
Concen: 39.440 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:168 Resp: 915061  
Ion Ratio Lower Upper  
168 100  
139 37.1 29.7 44.5  
169 13.4 10.7 16.1

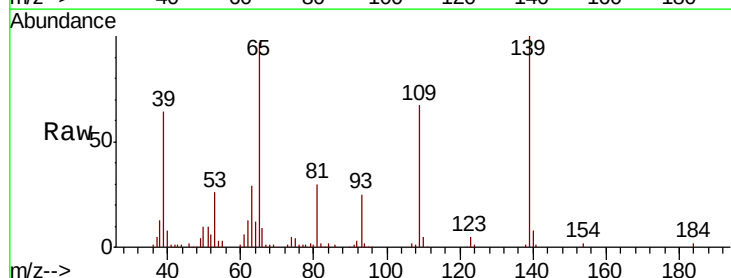


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

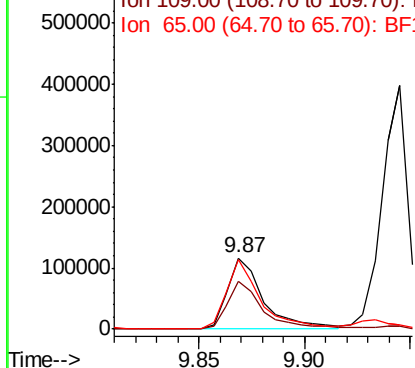
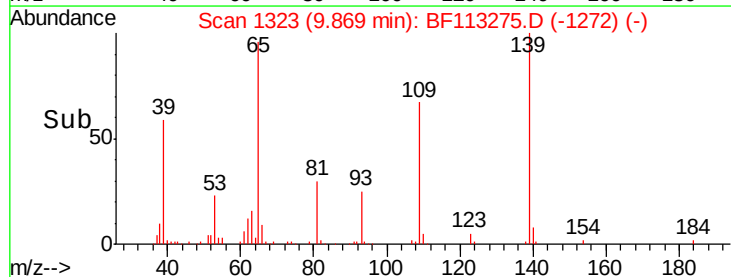


#56  
4-Nitrophenol  
Concen: 35.988 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

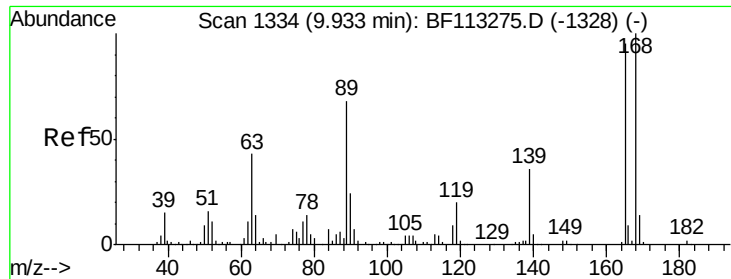
Tgt Ion:139 Resp: 138158  
Ion Ratio Lower Upper  
139 100  
109 66.9 46.9 86.9  
65 97.2 77.2 117.2



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



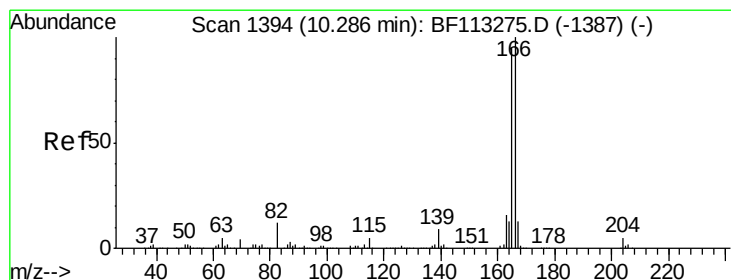
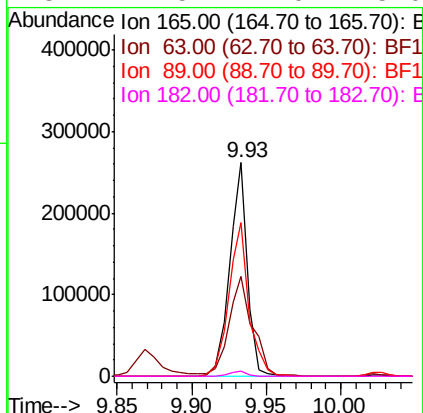
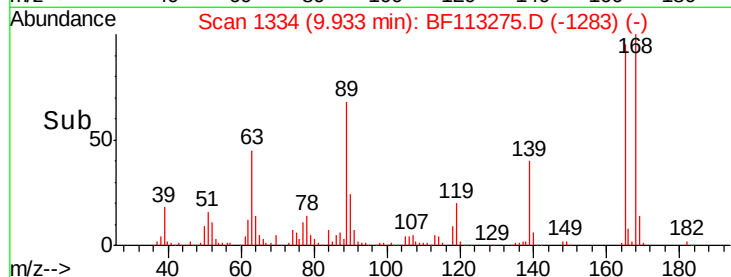
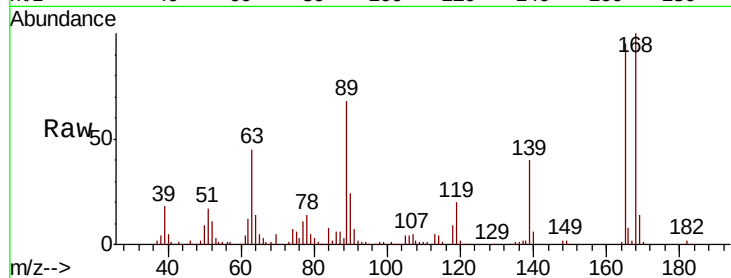




#57  
2,4-Dinitrotoluene  
Concen: 45.695 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

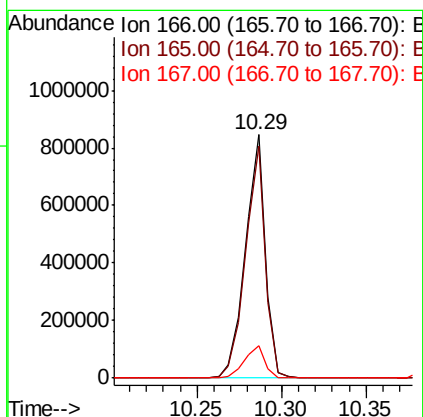
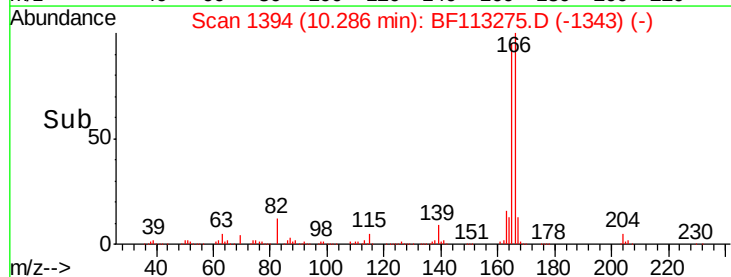
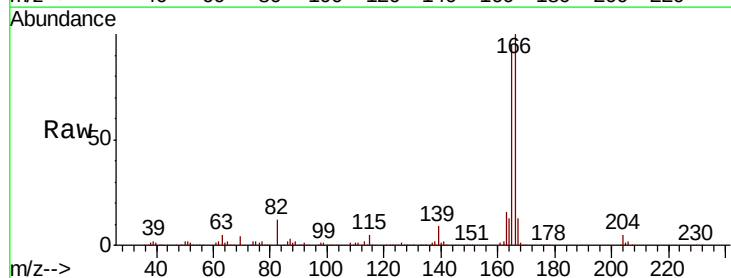
Instrument :  
BNA\_F  
ClientSampleId :

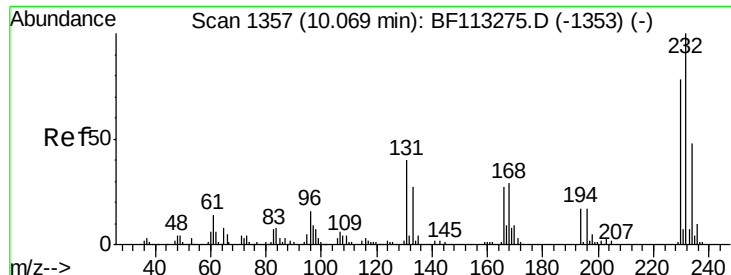
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 220191 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 46.9  | 37.5  | 56.3   |
| 89       | 71.8  | 57.4  | 86.2   |
| 182      | 2.5   | 2.0   | 3.0    |



#58  
Fluorene  
Concen: 42.596 ng  
RT: 10.29 min Scan# 1394  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 701431 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 95.2  | 76.2  | 114.2  |
| 167      | 13.4  | 10.7  | 16.1   |





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.571 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:232 Resp: 207935

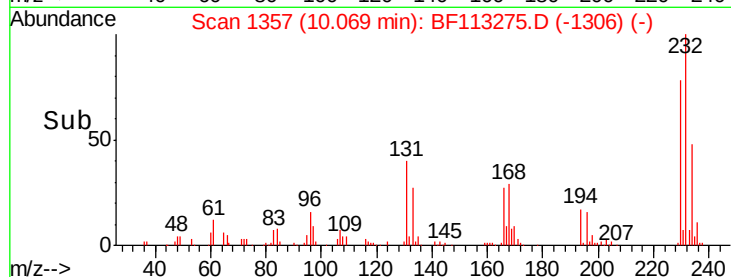
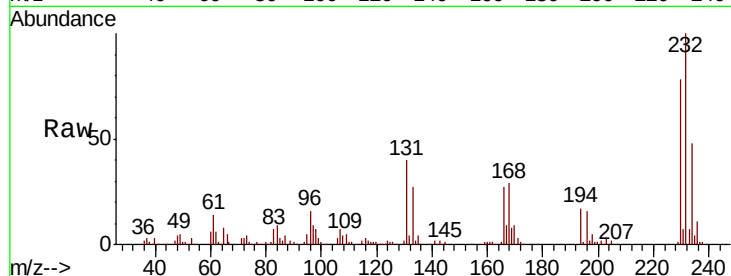
Ion Ratio Lower Upper

232 100

131 41.5 33.2 49.8

130 2.0 1.6 2.4

166 26.3 21.0 31.6

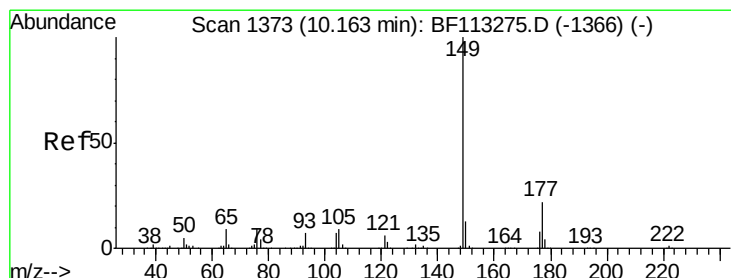
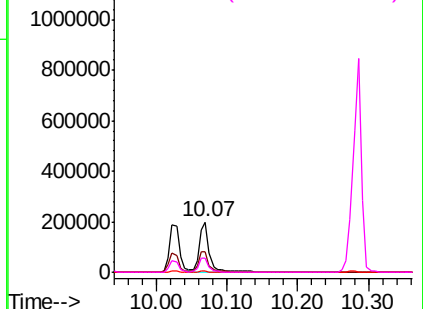


Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.634 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

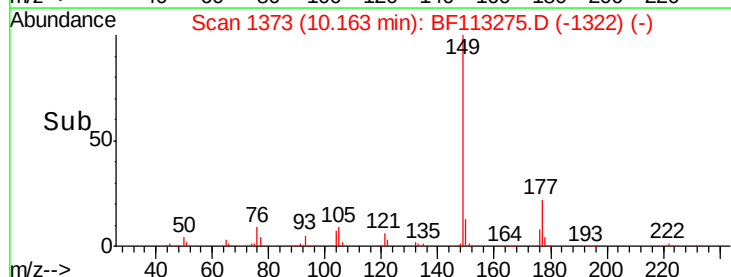
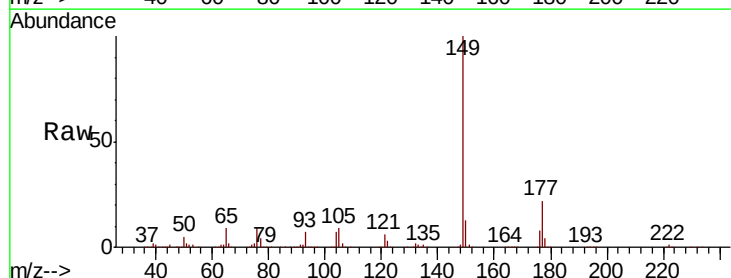
Tgt Ion:149 Resp: 739942

Ion Ratio Lower Upper

149 100

177 21.7 17.4 26.0

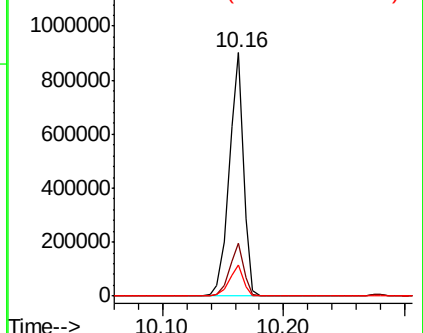
150 12.5 10.0 15.0

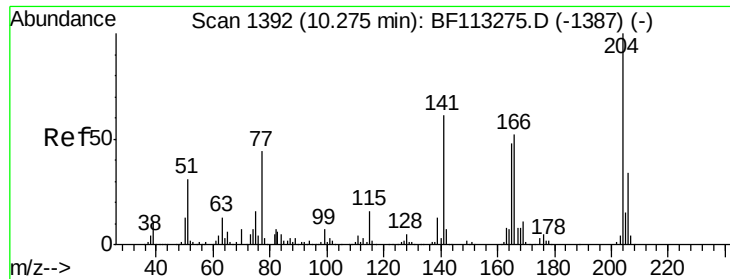


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

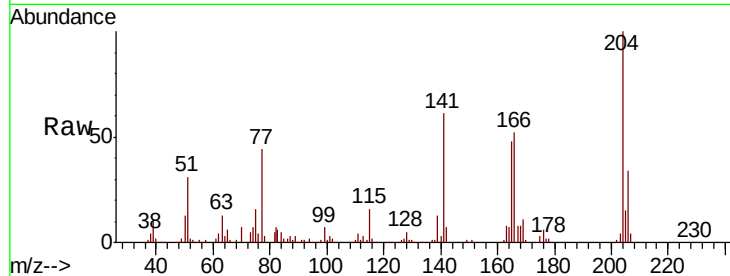




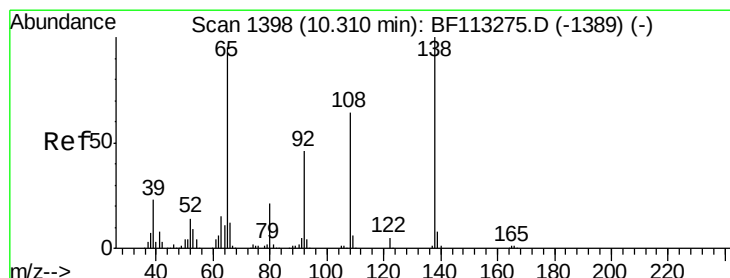
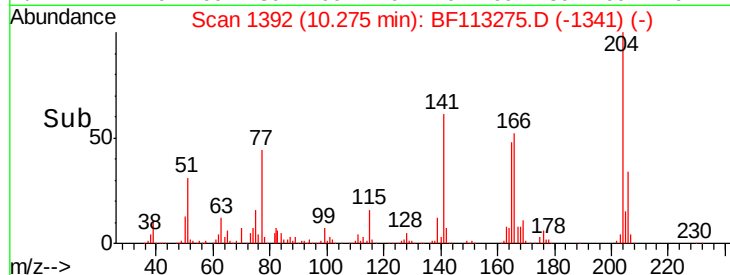
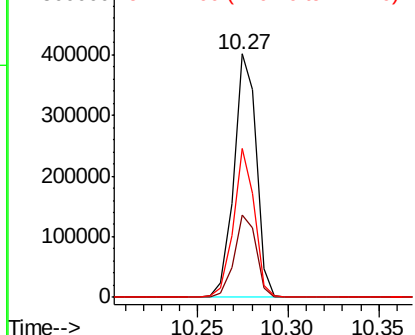
#61  
4-Chlorophenyl-phenylether  
Concen: 45.131 ng  
RT: 10.27 min Scan# 1392  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:204 Resp: 345775  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.9 40.3  
141 61.0 48.8 73.2

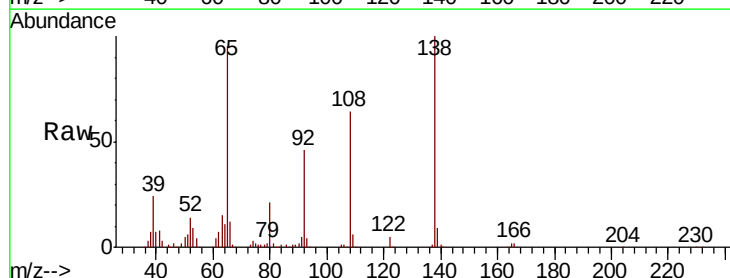


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

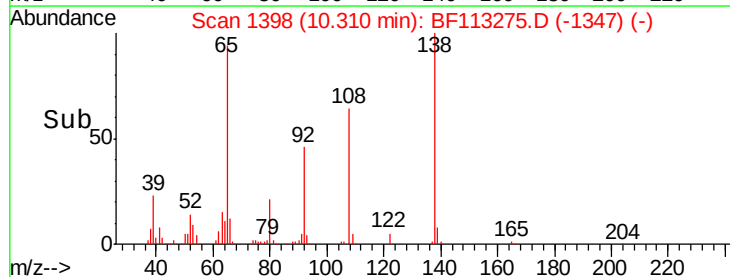
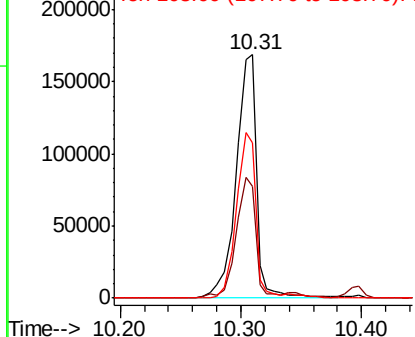


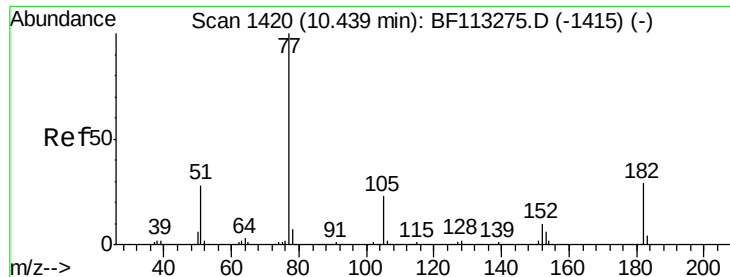
#62  
4-Nitroaniline  
Concen: 46.007 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Tgt Ion:138 Resp: 200818  
Ion Ratio Lower Upper  
138 100  
92 45.8 25.8 65.8  
108 64.0 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

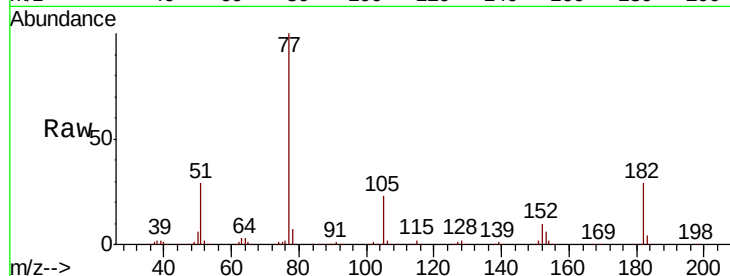




#63  
Azobenzene  
Concen: 35.000 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.7  | 8.7   | 48.7  |
| 105     | 22.9  | 2.9   | 42.9  |
| 51      | 28.8  | 8.8   | 48.8  |



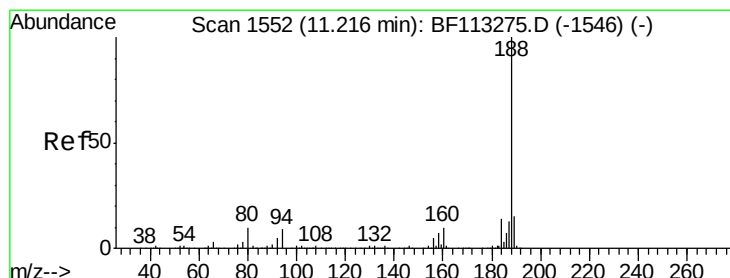
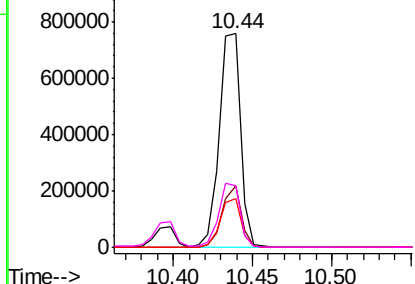
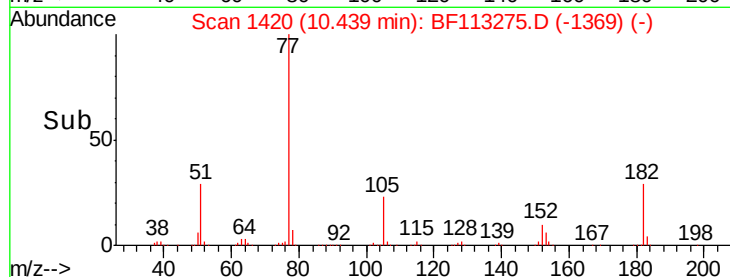
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

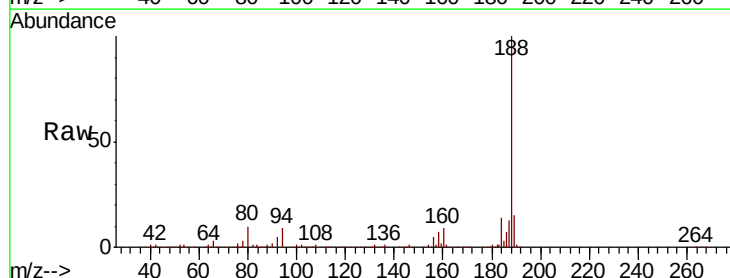
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.22 min Scan# 1552  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.8   | 7.0   | 10.6  |
| 80      | 9.6   | 7.7   | 11.5  |

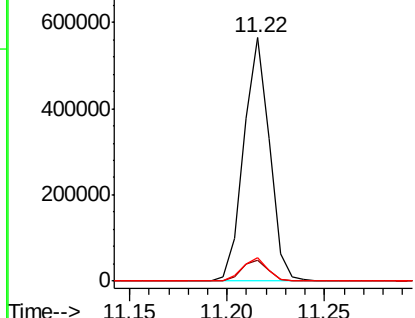
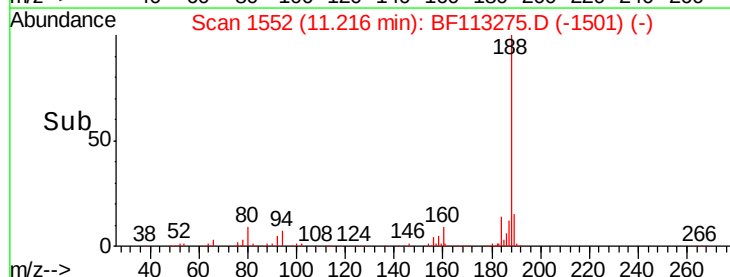


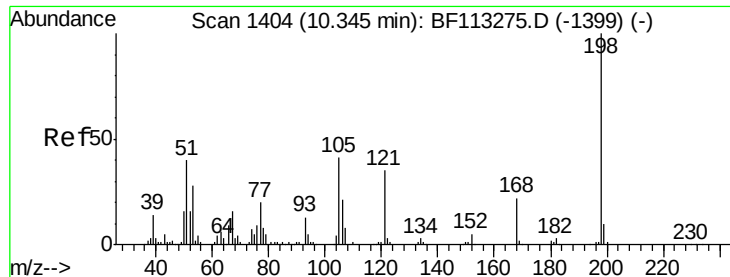
Abundance

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

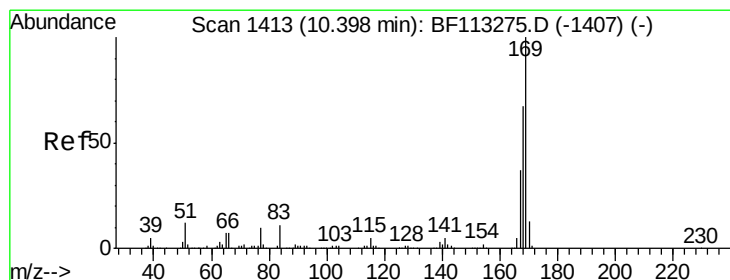
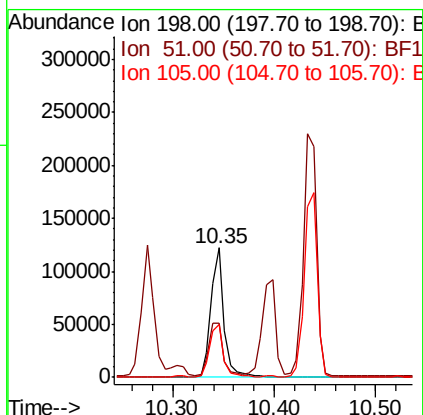
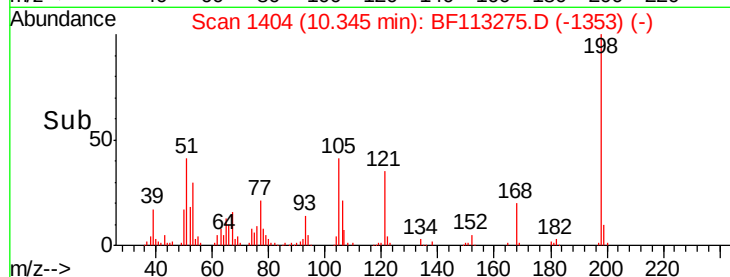
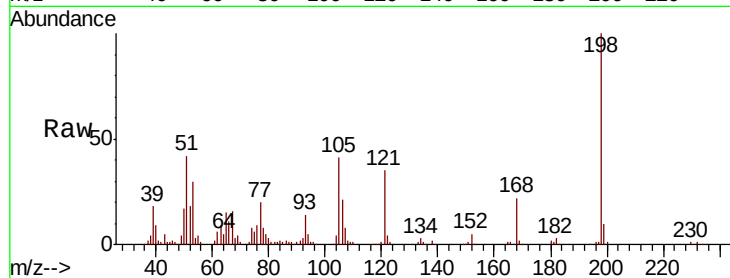




#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.380 ng  
RT: 10.35 min Scan# 1404  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

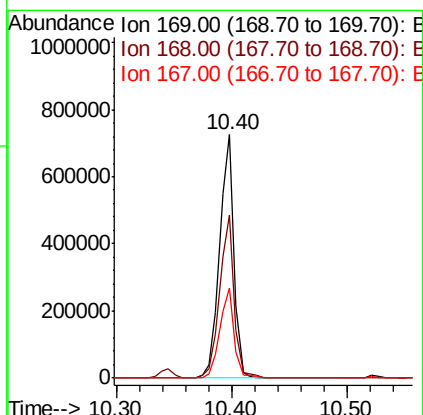
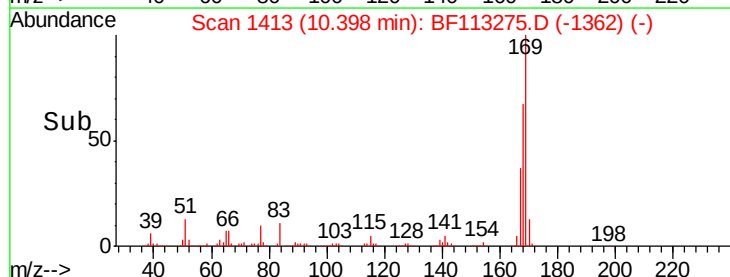
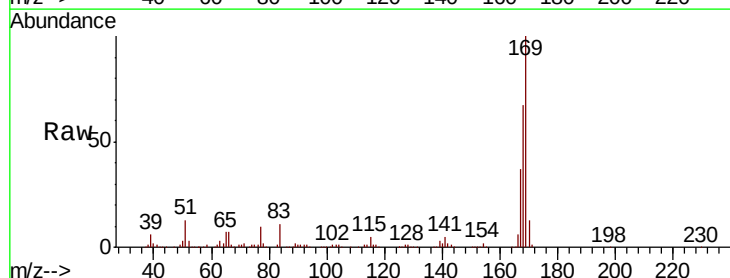
Instrument :  
BNA\_F  
ClientSampled :

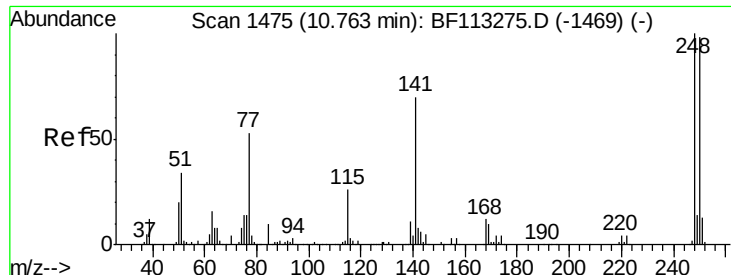
Tot Ion:198 Resp: 109932  
Ion Ratio Lower Upper  
198 100  
51 41.6 21.6 61.6  
105 40.6 20.6 60.6



#66  
n-Nitrosodiphenylamine  
Concen: 37.637 ng  
RT: 10.40 min Scan# 1413  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Tgt Ion:169 Resp: 624181  
Ion Ratio Lower Upper  
169 100  
168 67.1 53.7 80.5  
167 36.9 29.5 44.3

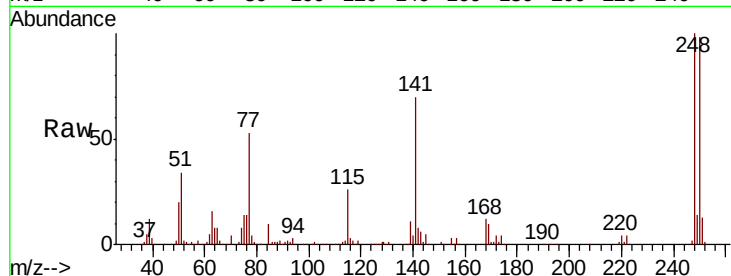




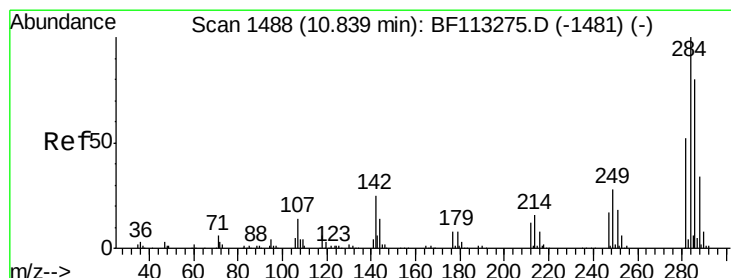
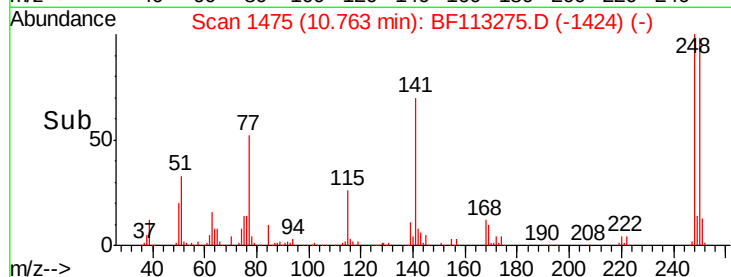
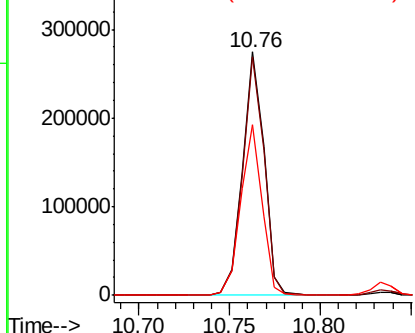
#67  
4-Bromophenyl-phenylether  
Concen: 41.622 ng  
RT: 10.76 min Scan# 1475  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 226698  
Ion Ratio Lower Upper  
248 100  
250 97.9 78.3 117.5  
141 70.3 56.2 84.4

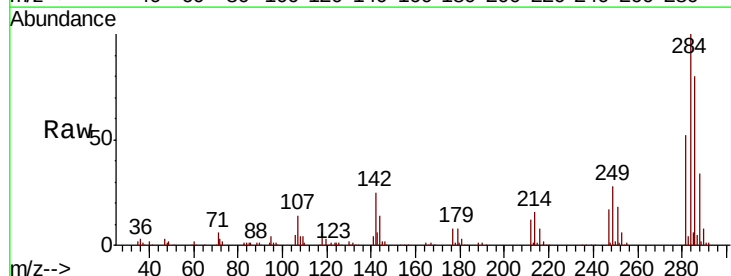


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

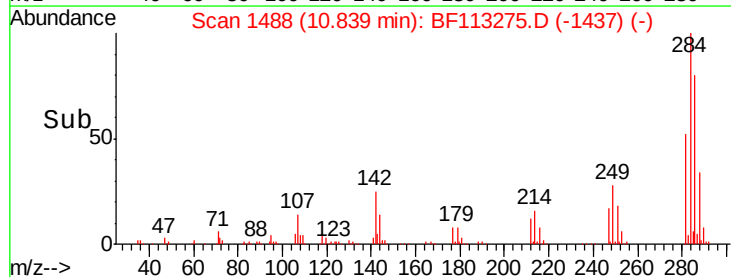
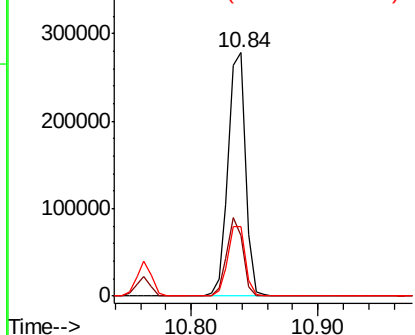


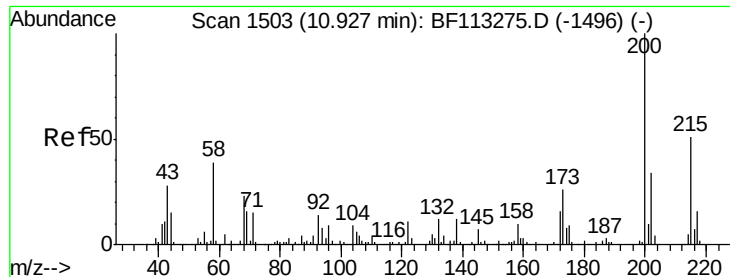
#68  
Hexachlorobenzene  
Concen: 43.162 ng  
RT: 10.84 min Scan# 1488  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Tgt Ion:284 Resp: 265002  
Ion Ratio Lower Upper  
284 100  
142 25.1 20.1 30.1  
249 28.4 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: 39.813 ng

RT: 10.93 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampled :

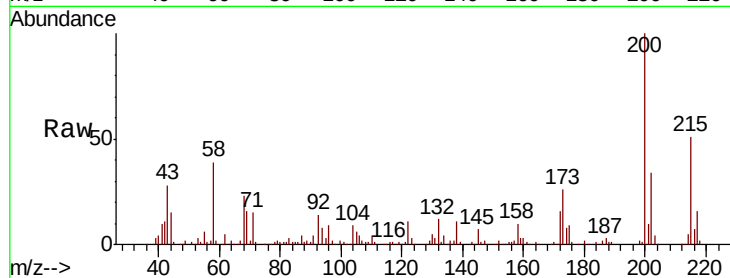
Tot Ion:200 Resp: 202217

Ion Ratio Lower Upper

200 100

173 26.0 6.0 46.0

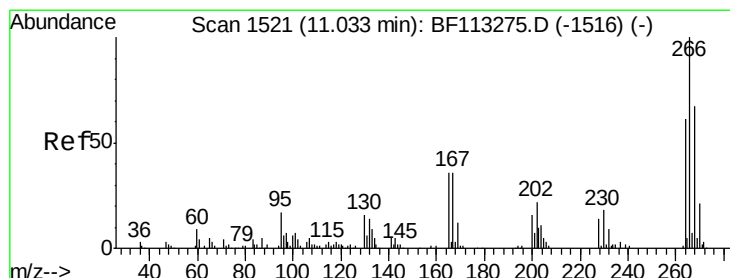
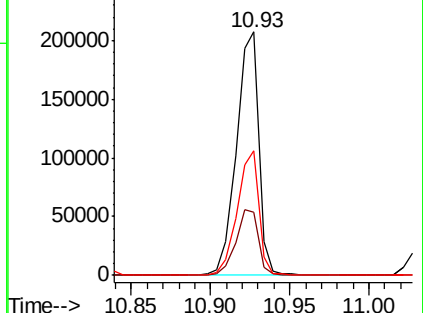
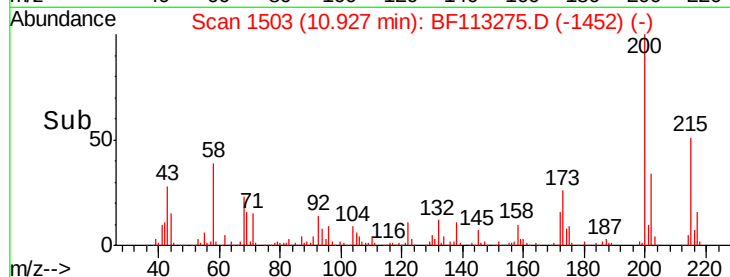
215 51.3 31.3 71.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 36.780 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

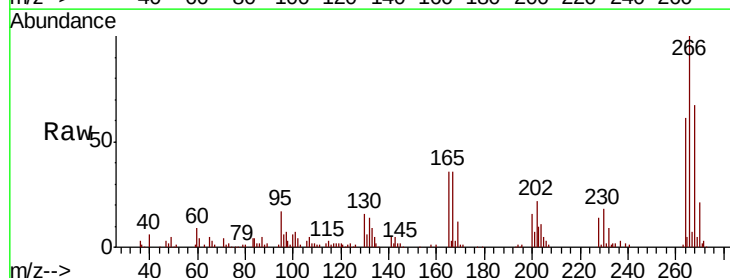
Tgt Ion:266 Resp: 132912

Ion Ratio Lower Upper

266 100

268 67.2 53.8 80.6

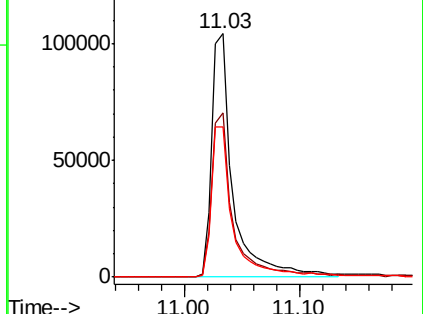
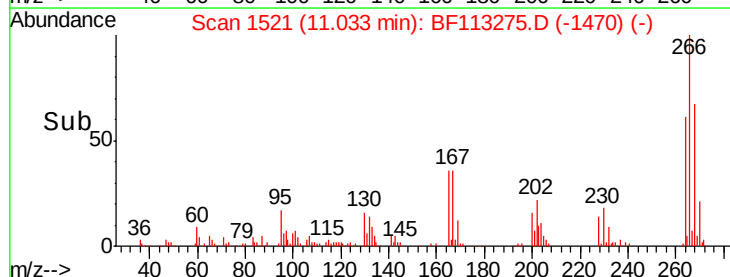
264 61.5 49.2 73.8

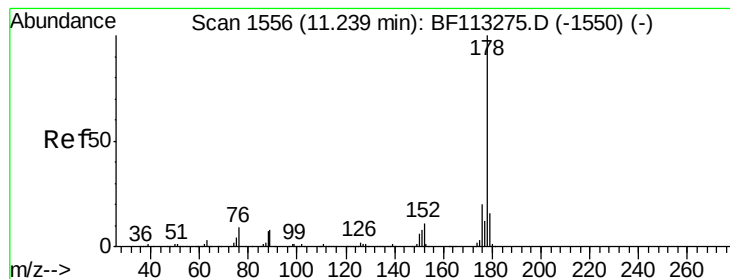


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.576 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

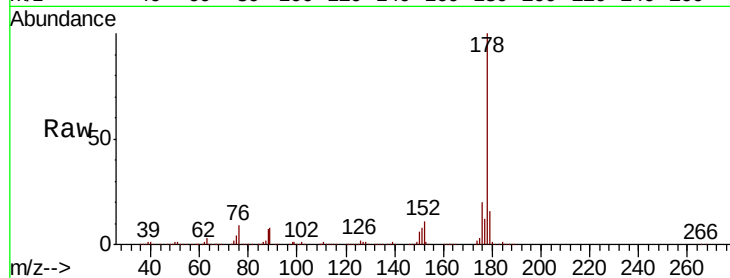
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:178 Resp: 1043946

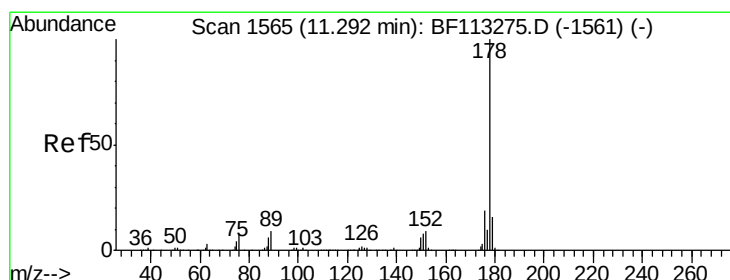
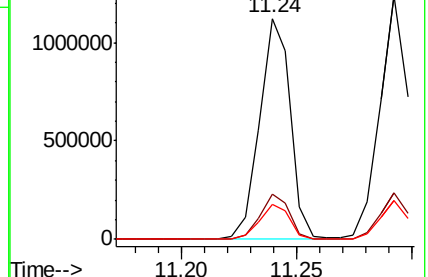
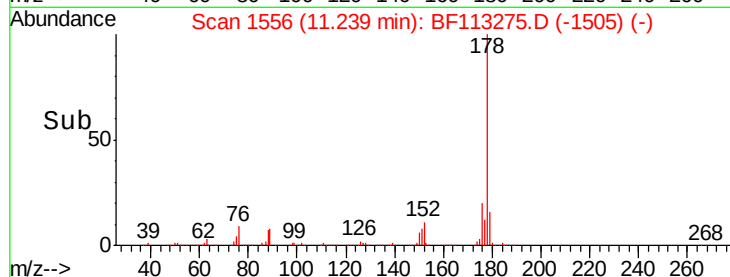
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.2  | 16.2  | 24.2  |
| 179 | 15.9  | 12.7  | 19.1  |



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.301 ng

RT: 11.29 min Scan# 1565

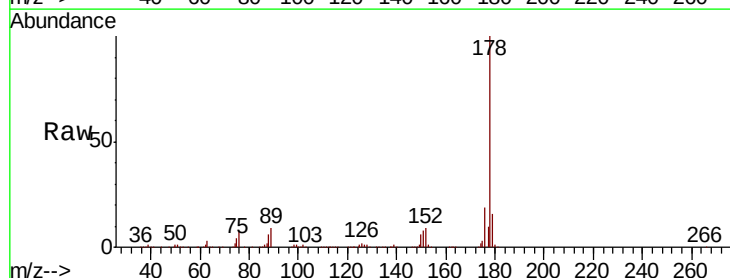
Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Tgt Ion:178 Resp: 1058445

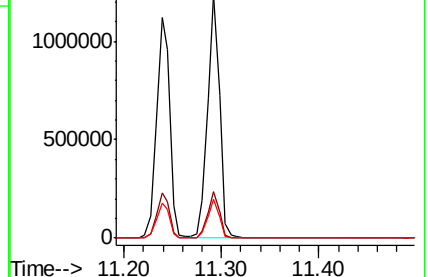
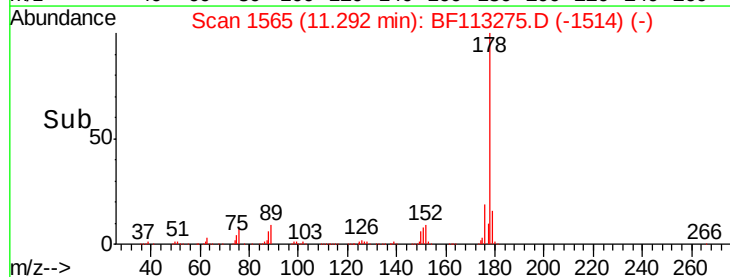
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.3  | 15.4  | 23.2  |
| 179 | 16.0  | 12.8  | 19.2  |



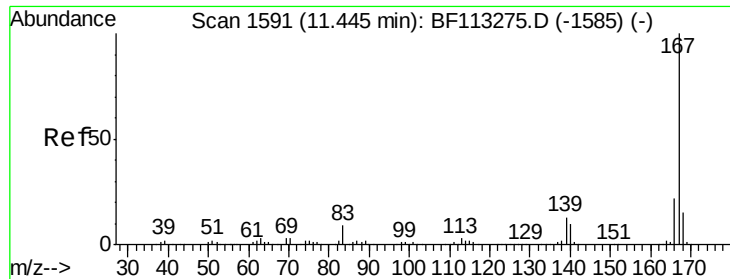
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



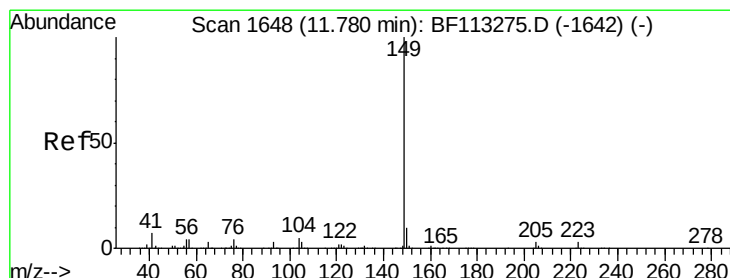
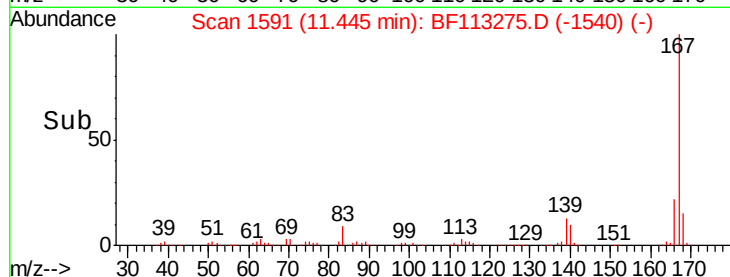
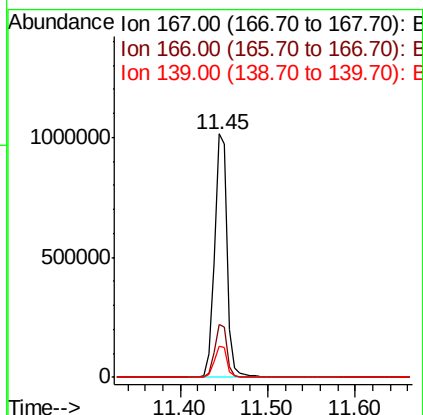
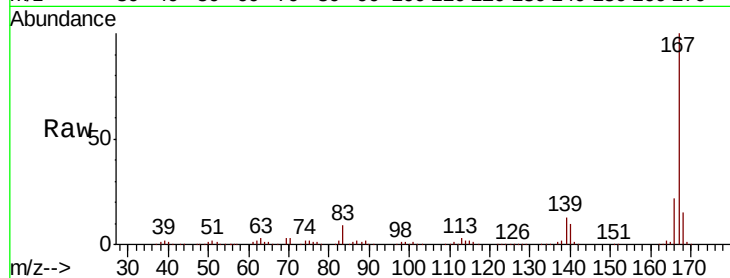




#73  
 Carbazole  
 Concen: 38.544 ng  
 RT: 11.45 min Scan# 1591  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

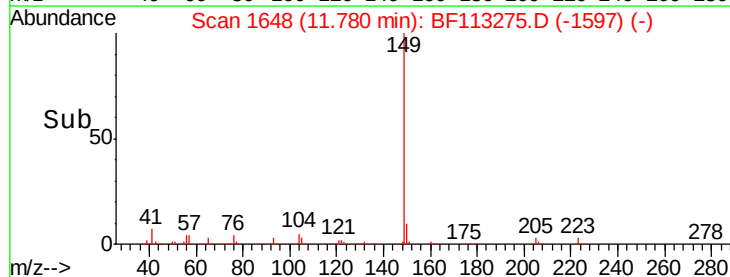
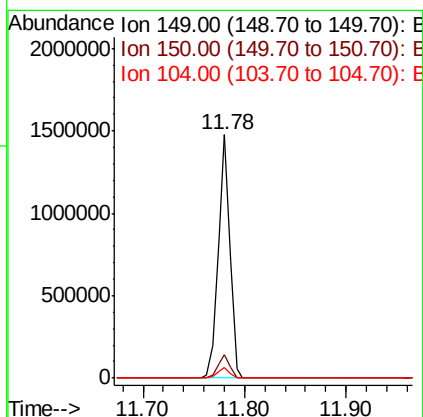
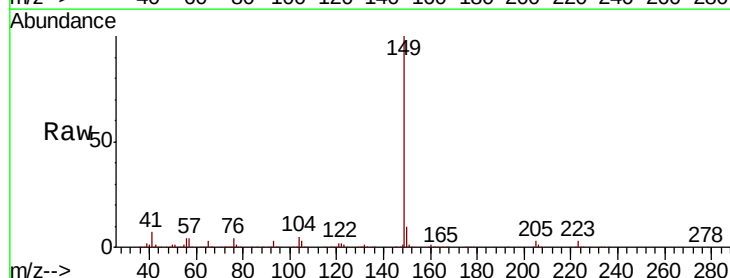
Instrument :  
 BNA\_F  
 ClientSampleId :

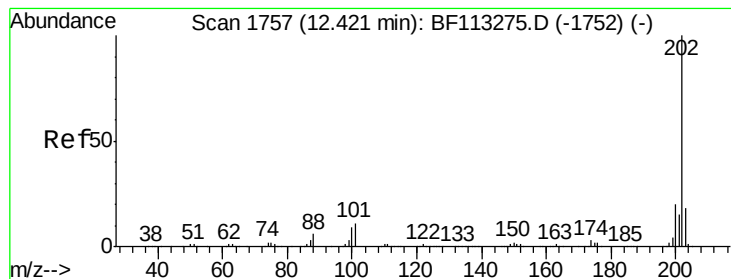
Tot Ion:167 Resp: 1012625  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.4 26.0  
 139 13.0 10.4 15.6



#74  
 Di-n-butylphthalate  
 Concen: 37.317 ng  
 RT: 11.78 min Scan# 1648  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

Tgt Ion:149 Resp: 1175555  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.7 11.5  
 104 4.6 3.7 5.5



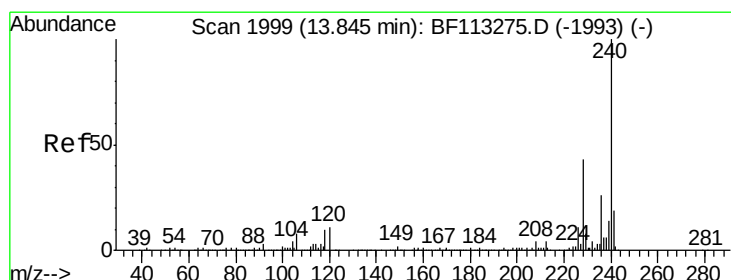
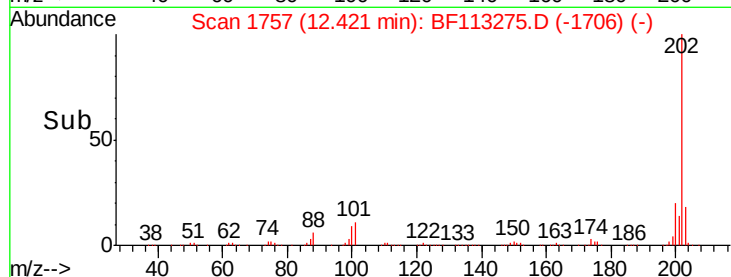
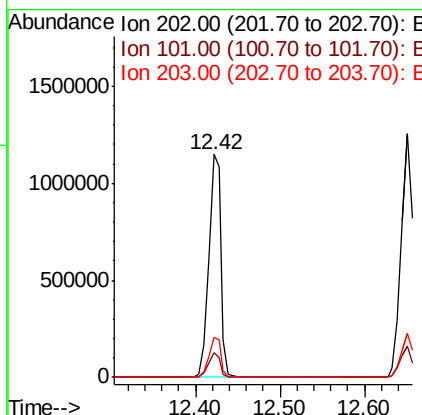
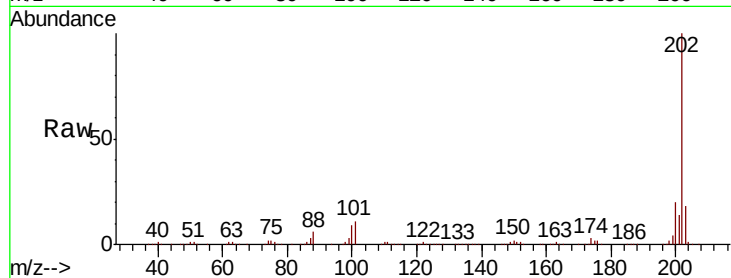


#75  
 Fluoranthene  
 Concen: 41.805 ng  
 RT: 12.42 min Scan# 1757  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:202 Resp: 1152333  

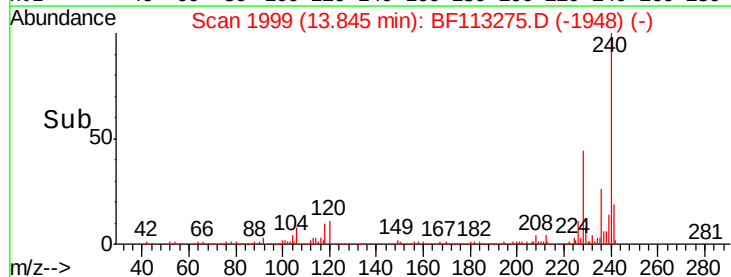
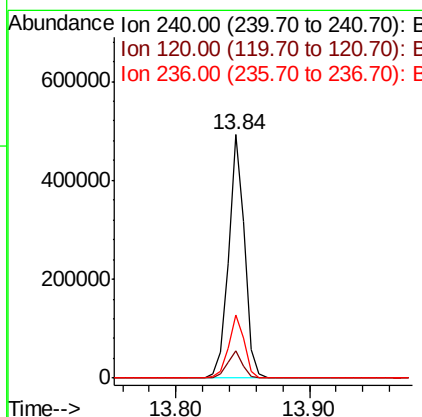
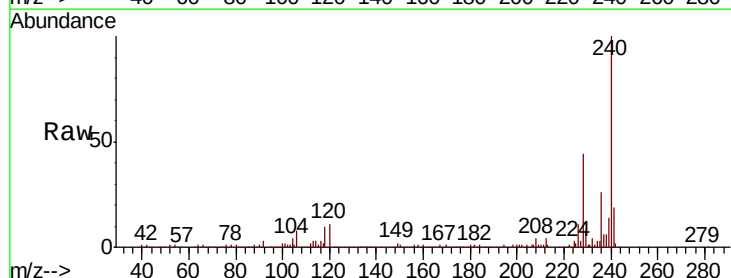
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.4  | 0.0   | 31.4  |
| 203 | 18.0  | 0.0   | 38.0  |

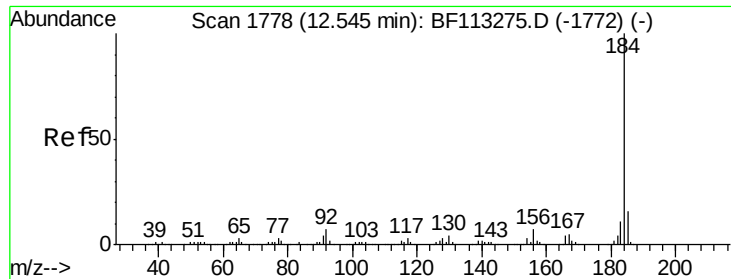


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.84 min Scan# 1999  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

Tgt Ion:240 Resp: 414132  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.0  | 8.8   | 13.2  |
| 236 | 26.1  | 20.9  | 31.3  |





#77

Benzidine

Concen: 29.843 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampleId :

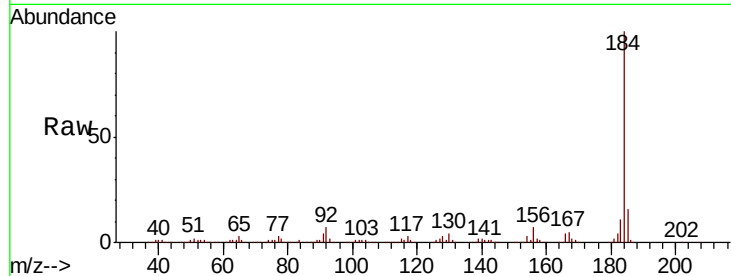
Tot Ion:184 Resp: 641212

Ion Ratio Lower Upper

184 100

185 16.3 13.0 19.6

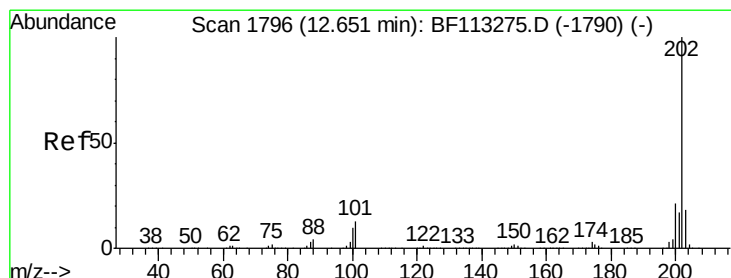
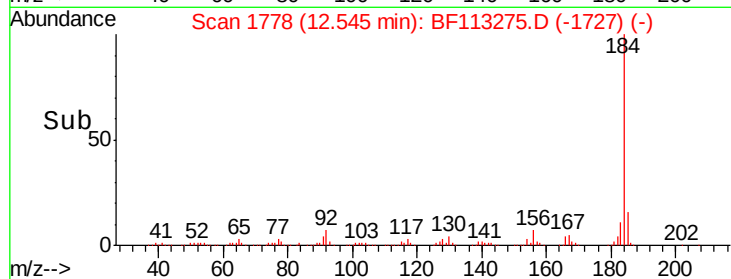
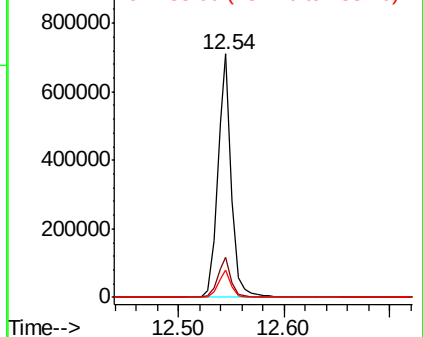
183 11.2 9.0 13.4



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: 33.692 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

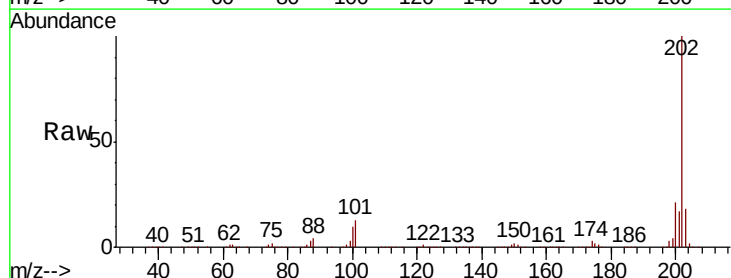
Tgt Ion:202 Resp: 1176268

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

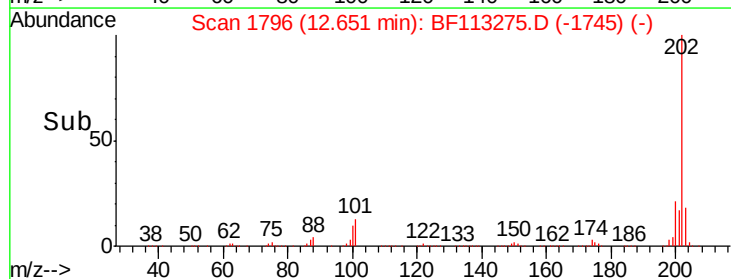
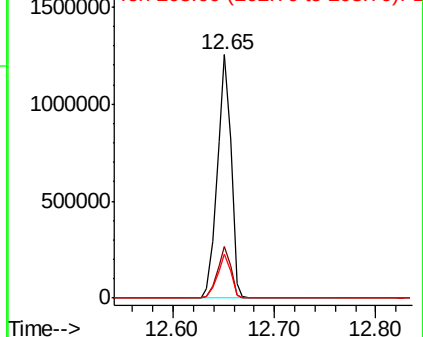
203 18.0 14.4 21.6

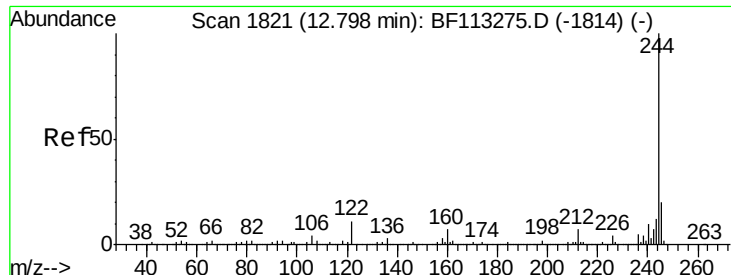


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

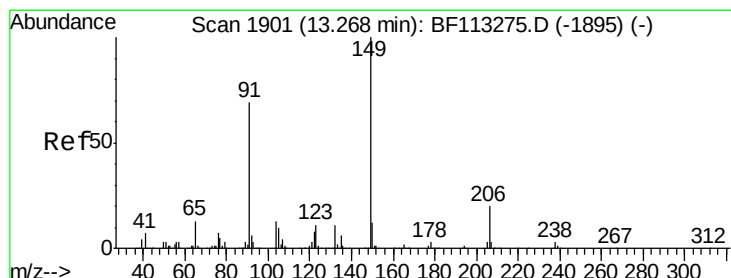
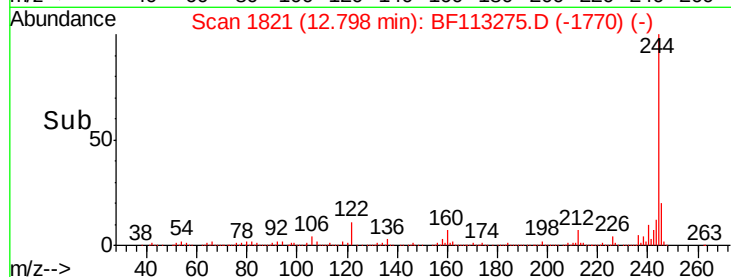
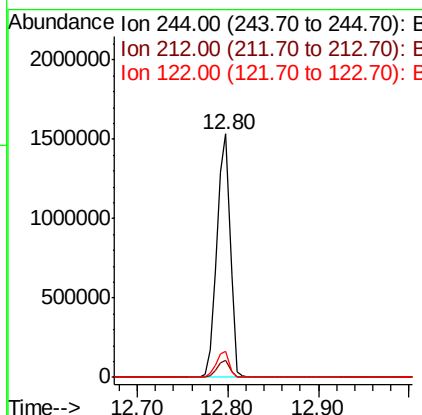
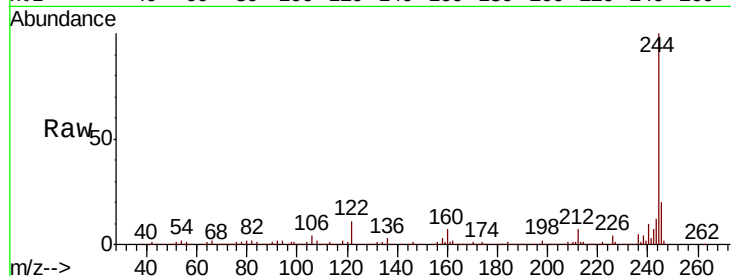




#79  
 Terphenyl-d14  
 Concen: 72.245 ng  
 RT: 12.80 min Scan# 1821  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

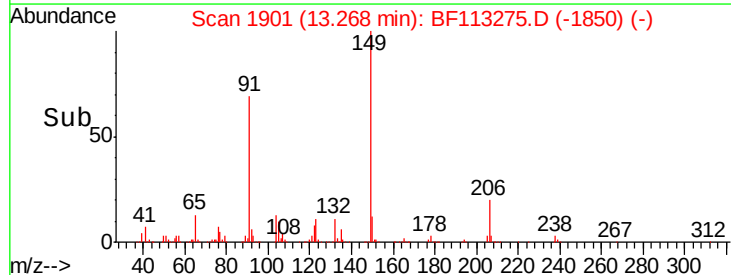
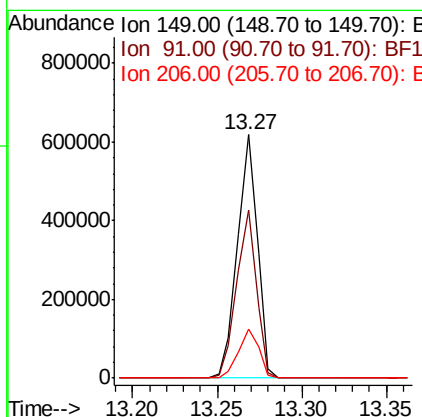
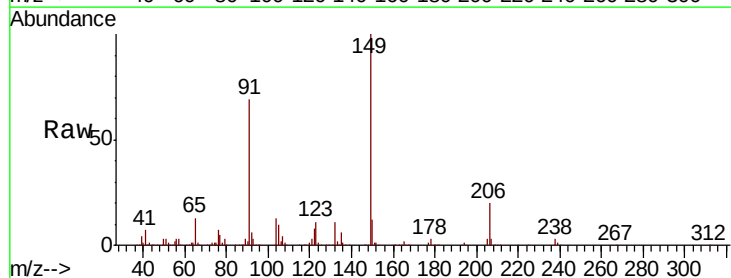
Instrument :  
 BNA\_F  
 ClientSampleId :

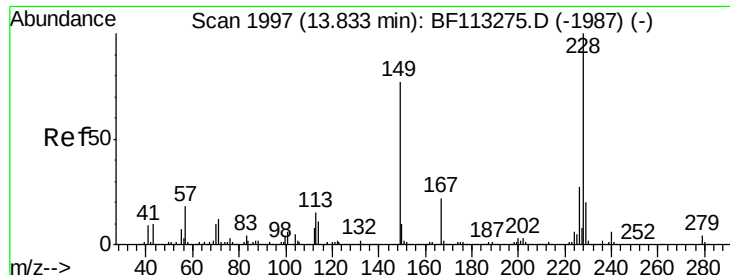
Tot Ion:244 Resp: 1543417  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 10.8 8.6 13.0



#80  
 Butylbenzylphthalate  
 Concen: 33.093 ng  
 RT: 13.27 min Scan# 1901  
 Delta R.T. 0.00 min  
 Lab File: BF113275.D  
 Acq: 25 Mar 2019 12:35

Tgt Ion:149 Resp: 509981  
 Ion Ratio Lower Upper  
 149 100  
 91 69.0 55.2 82.8  
 206 20.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 33.755 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampled :

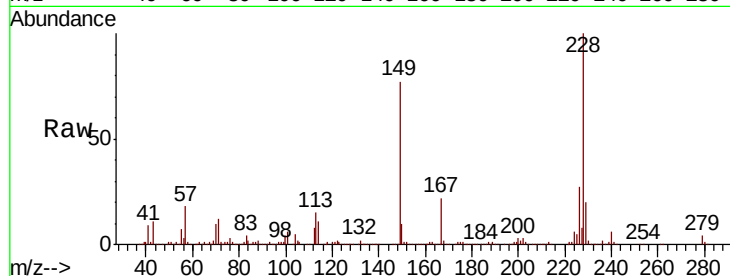
Tot Ion:228 Resp: 968831

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

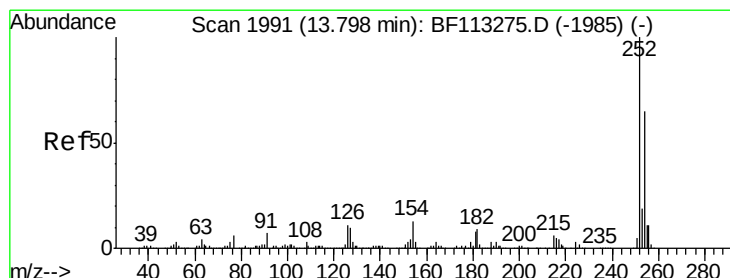
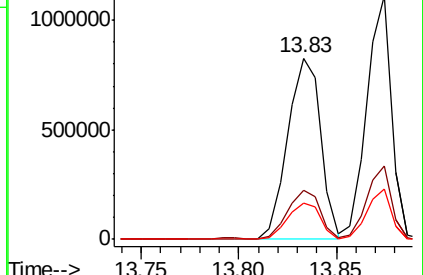
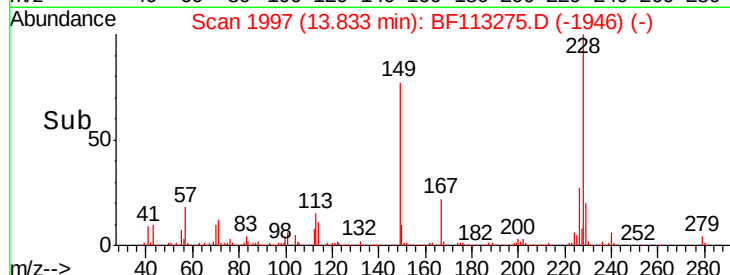
229 20.3 16.2 24.4



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: 36.653 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

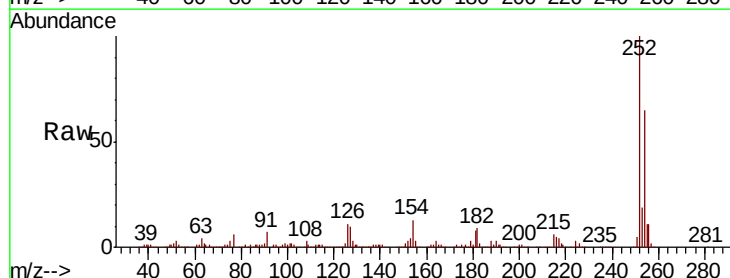
Tgt Ion:252 Resp: 397880

Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.2

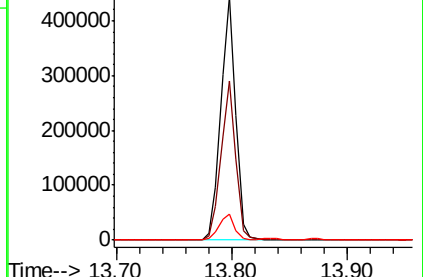
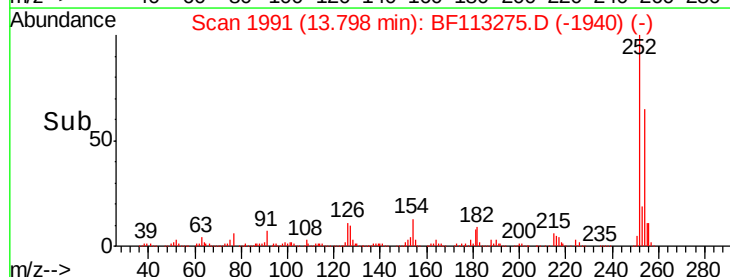
126 10.6 8.5 12.7

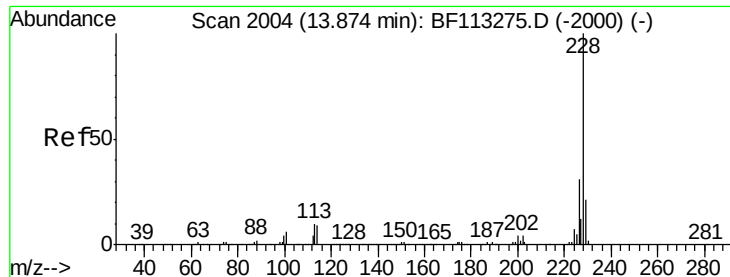


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.890 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampled :

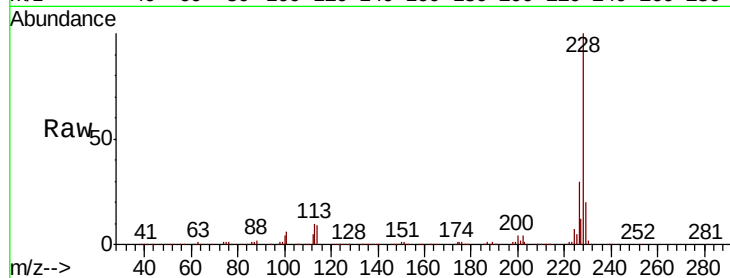
Tot Ion:228 Resp: 980931

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

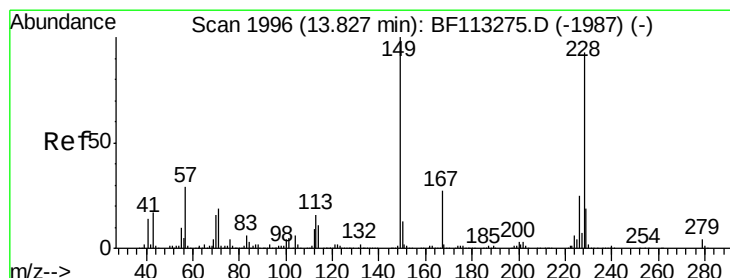
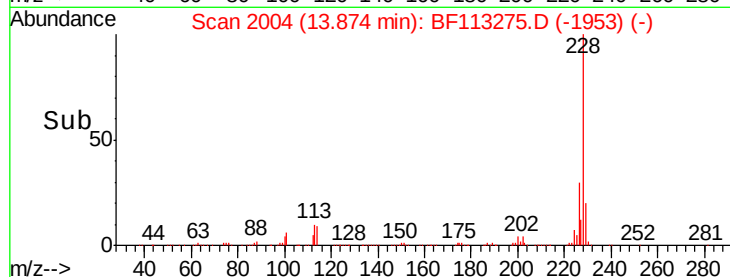
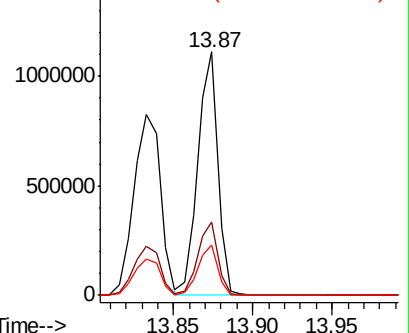
229 20.4 16.3 24.5



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: 35.042 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

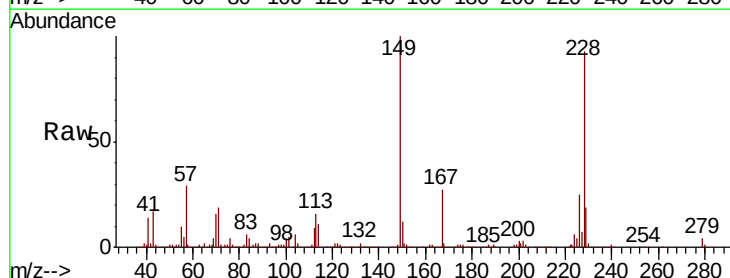
Tgt Ion:149 Resp: 633408

Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

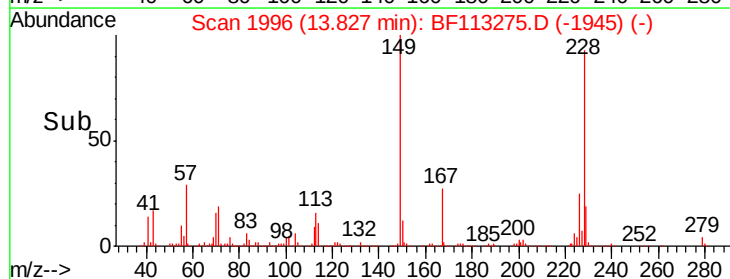
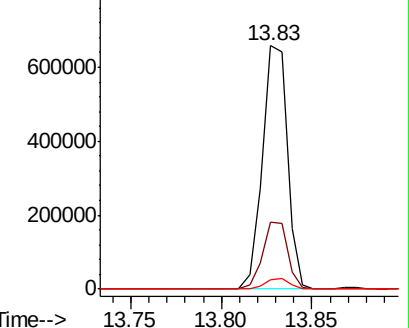
279 3.6 2.9 4.3

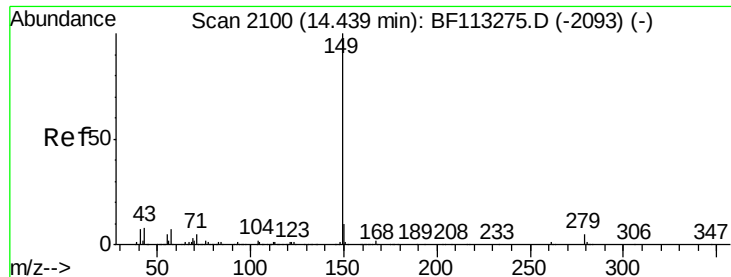


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

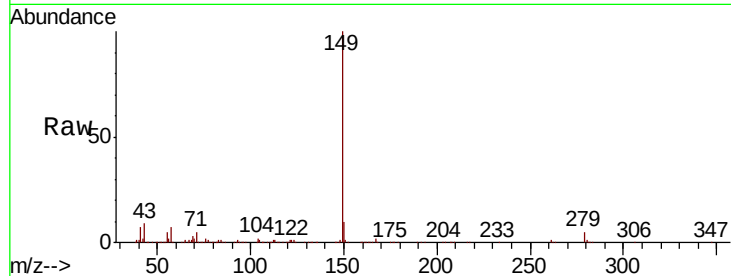




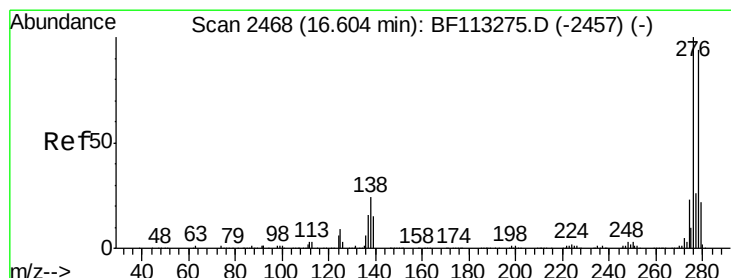
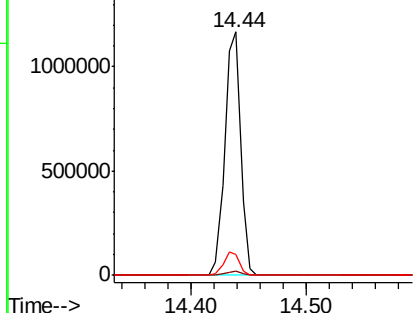
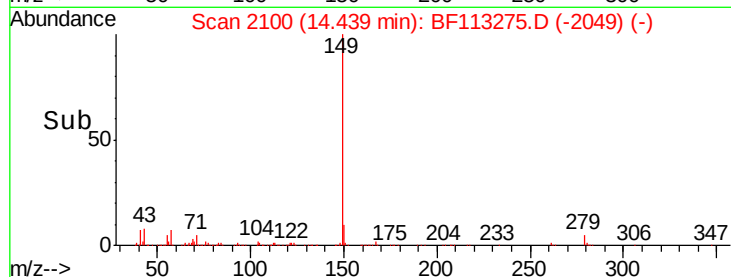
#85  
Di-n-octyl phthalate  
Concen: 35.728 ng  
RT: 14.44 min Scan# 2100  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:149 Resp: 1108924  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.6 7.7 11.5

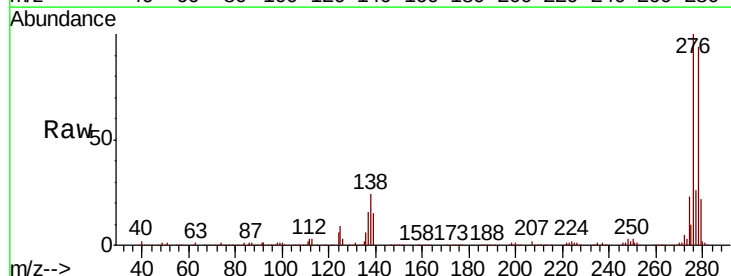


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

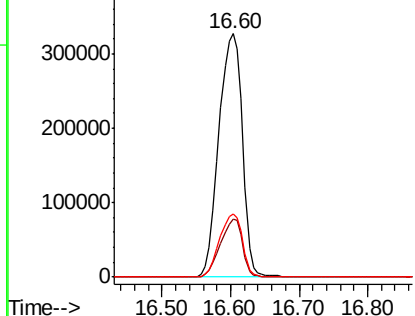
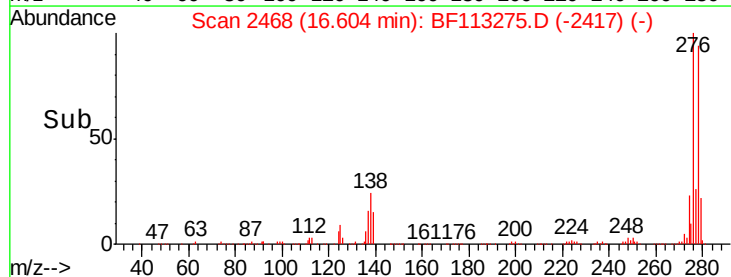


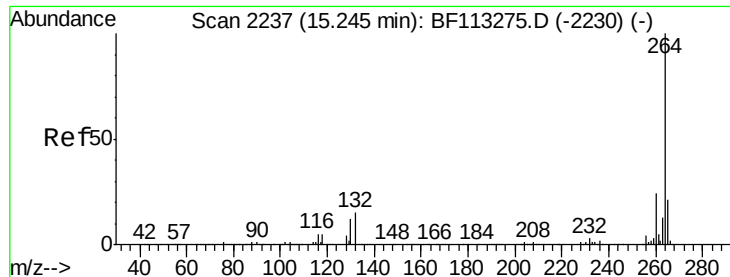
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 32.546 ng  
RT: 16.60 min Scan# 2468  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Tgt Ion:276 Resp: 780077  
Ion Ratio Lower Upper  
276 100  
138 22.6 18.1 27.1  
277 25.3 20.2 30.4



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

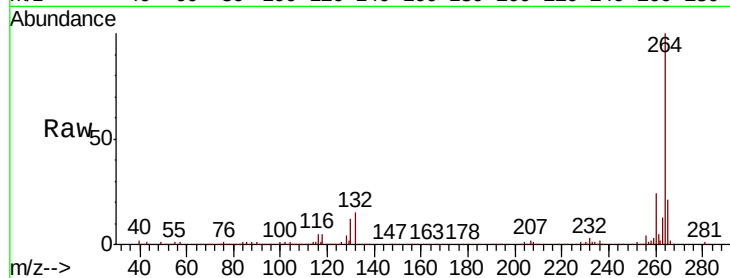




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.24 min Scan# 2237  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.1  | 28.7  |
| 265     | 21.4  | 17.1  | 25.7  |



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

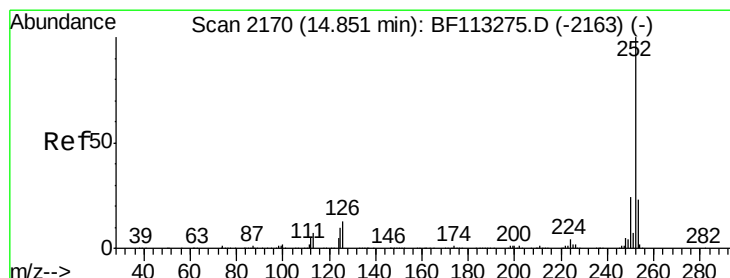
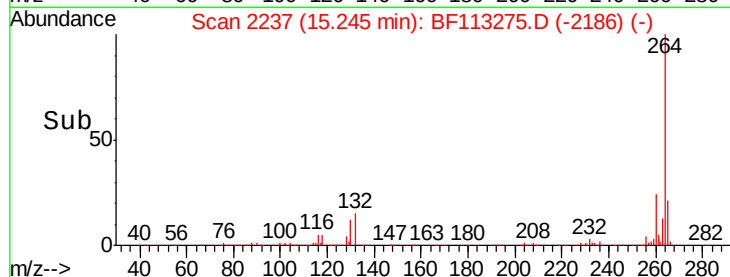
15.24

300000

200000

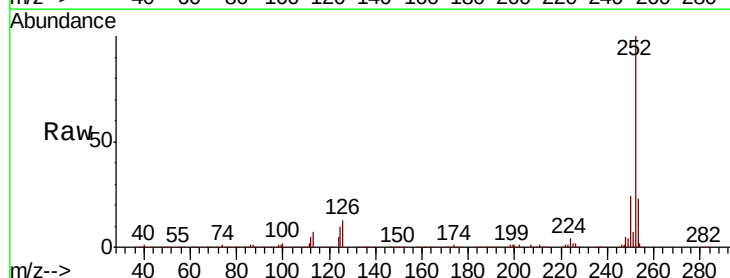
100000

Time-->



#88  
Benzo(b)fluoranthene  
Concen: 38.735 ng  
RT: 14.85 min Scan# 2170  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.0  | 27.0  |
| 125     | 9.5   | 7.6   | 11.4  |



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

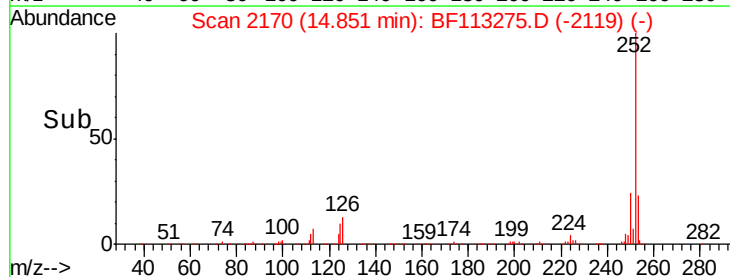
14.85

800000

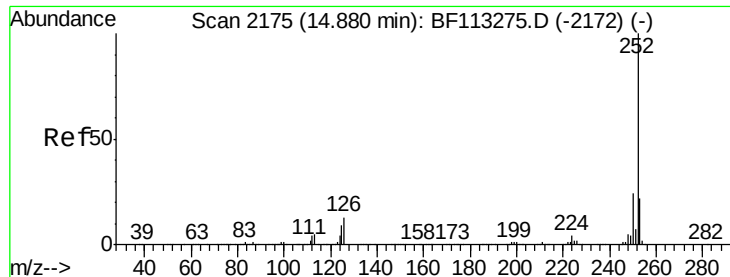
600000

400000

Time-->



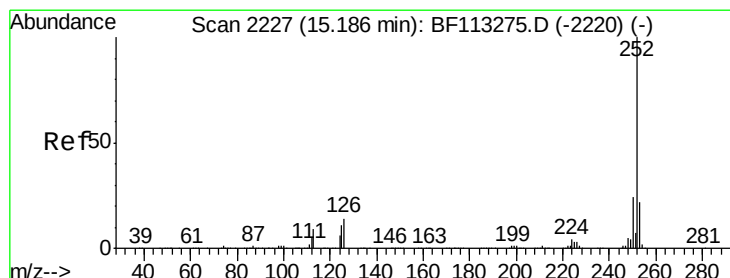
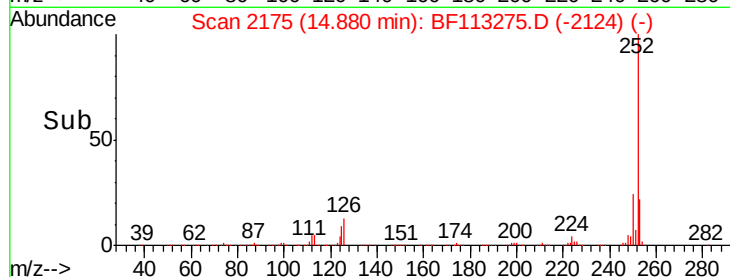
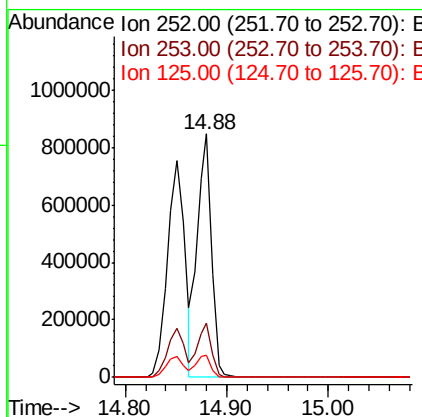
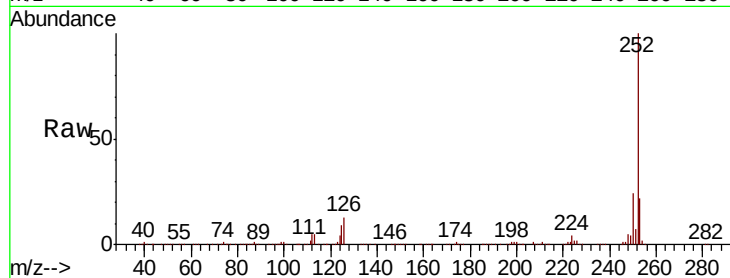




#89  
Benzo(k)fluoranthene  
Concen: 39.478 ng  
RT: 14.88 min Scan# 2175  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

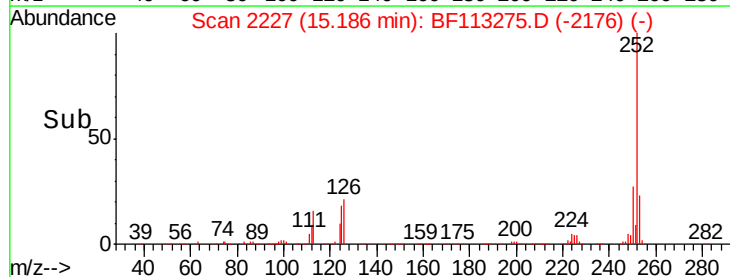
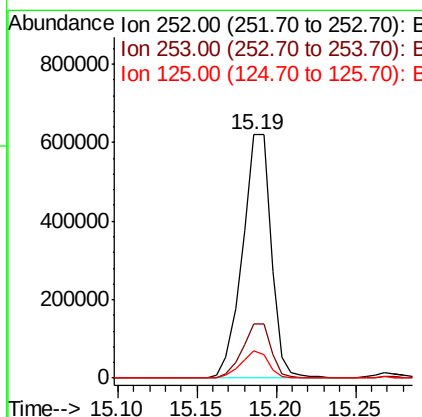
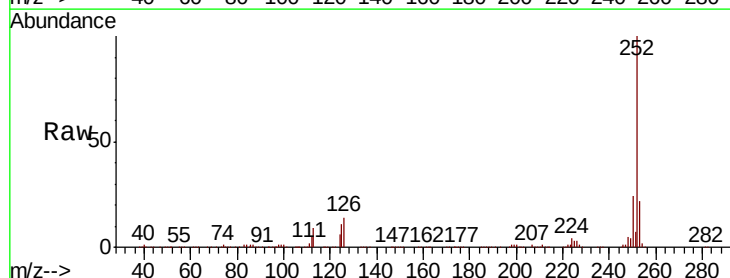
Instrument :  
BNA\_F  
ClientSampleId :

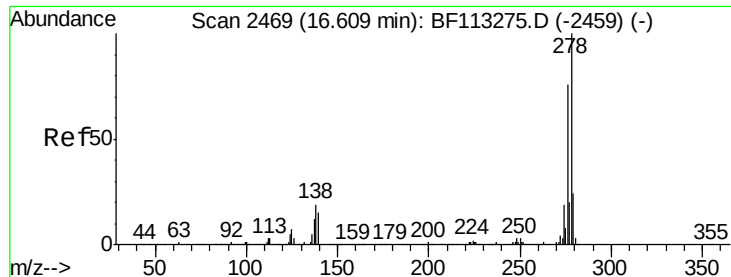
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.7  | 26.5  |
| 125     | 9.1   | 7.3   | 10.9  |



#90  
Benzo(a)pyrene  
Concen: 38.326 ng  
RT: 15.19 min Scan# 2227  
Delta R.T. 0.00 min  
Lab File: BF113275.D  
Acq: 25 Mar 2019 12:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.9  | 26.9  |
| 125     | 11.0  | 8.8   | 13.2  |





#91

Dibenzo(a,h)anthracene

Concen: 37.152 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

Instrument :

BNA\_F

ClientSampled :

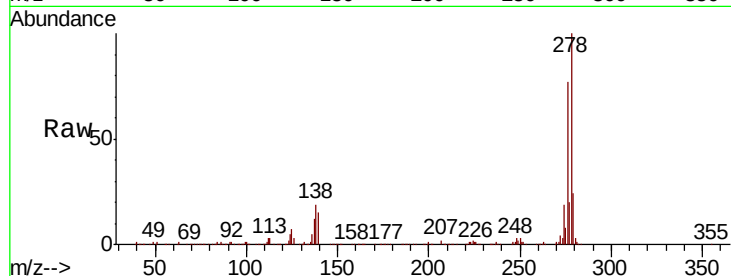
Tot Ion:278 Resp: 645869

Ion Ratio Lower Upper

278 100

139 15.0 12.0 18.0

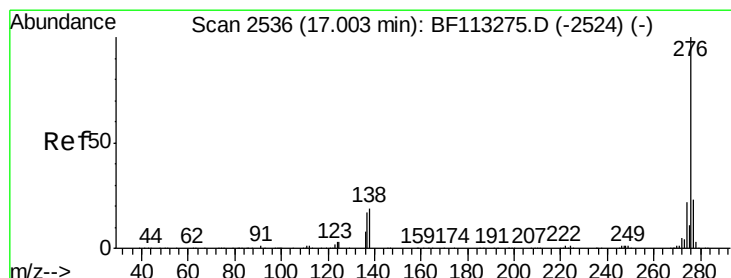
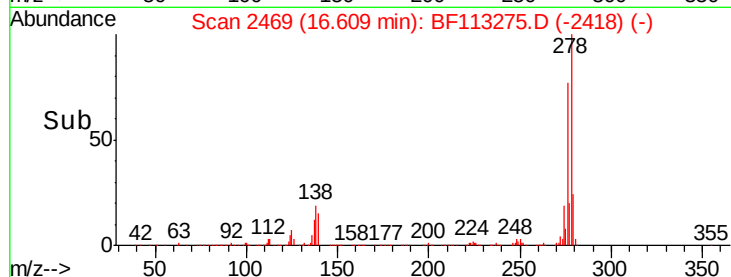
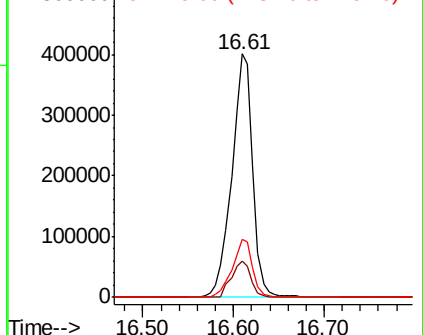
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.962 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF113275.D

Acq: 25 Mar 2019 12:35

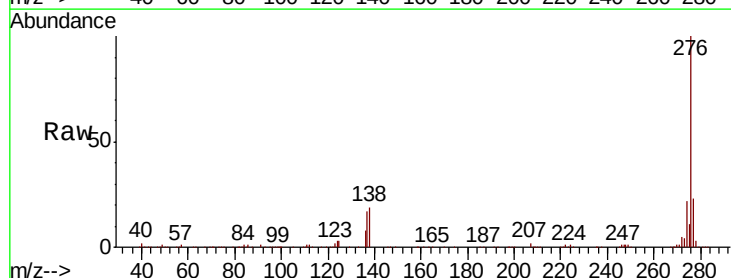
Tgt Ion:276 Resp: 627769

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 19.5 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

