

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\  
 Data File : BF114654.D  
 Acq On : 30 May 2019 12:09  
 Operator : HP/JU  
 Sample : K2241-01  
 Misc : LOD-SOIL-8PPM  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 30 14:23:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 30 14:17:39 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.69  | 152  | 424626   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.97  | 136  | 1588667  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.72  | 164  | 798254   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.19 | 188  | 1518798  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.82 | 240  | 1137790  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.20 | 264  | 1207860  | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.30  | 112 | 2661699 | 110.05 | ng | 0.00 |
| 7) Phenol-d6                | 6.33  | 99  | 3205835 | 110.00 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.26  | 82  | 1960237 | 76.98  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.50 | 330 | 931538  | 122.47 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.05  | 172 | 3410546 | 70.98  | ng | 0.00 |
| 79) Terphenyl-d14           | 12.78 | 244 | 3647584 | 60.27  | ng | 0.00 |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.37 | 88  | 94211  | 8.117  | ng | 99   |
| 3) Pyridine                    | 3.09 | 79  | 232829 | 6.893  | ng | 97   |
| 4) n-Nitrosodimethylamine      | 2.97 | 42  | 98750  | 7.224  | ng | 100  |
| 6) Aniline                     | 6.36 | 93  | 342153 | 7.772  | ng | 96   |
| 8) 2-Chlorophenol              | 6.47 | 128 | 229328 | 8.211  | ng | 97   |
| 9) Benzaldehyde                | 6.23 | 77  | 188774 | 11.352 | ng | 100  |
| 10) Phenol                     | 6.34 | 94  | 282585 | 8.026  | ng | 95   |
| 11) bis(2-Chloroethyl)ether    | 6.43 | 93  | 212238 | 7.881  | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 6.63 | 146 | 256740 | 8.068  | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 6.71 | 146 | 256959 | 8.049  | ng | 97   |
| 14) 1,2-Dichlorobenzene        | 6.86 | 146 | 241271 | 8.301  | ng | 99   |
| 15) Benzyl Alcohol             | 6.83 | 79  | 210646 | 9.189  | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.97 | 45  | 303343 | 7.344  | ng | 99   |
| 17) 2-Methylphenol             | 6.95 | 107 | 181183 | 7.670  | ng | 98   |
| 18) Hexachloroethane           | 7.21 | 117 | 89077  | 7.370  | ng | 91   |
| 19) n-Nitroso-di-n-propylamine | 7.10 | 70  | 155681 | 7.739  | ng | 96   |
| 20) 3+4-Methylphenols          | 7.10 | 107 | 232268 | 8.360  | ng | # 88 |
| 22) Acetophenone               | 7.10 | 105 | 317648 | 9.384  | ng | 98   |
| 24) Nitrobenzene               | 7.27 | 77  | 236096 | 8.728  | ng | 99   |
| 25) Isophorone                 | 7.51 | 82  | 418091 | 8.181  | ng | 100  |
| 26) 2-Nitrophenol              | 7.59 | 139 | 100827 | 7.658  | ng | 96   |
| 27) 2,4-Dimethylphenol         | 7.63 | 122 | 200036 | 9.135  | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 7.73 | 93  | 268536 | 8.255  | ng | 98   |
| 29) 2,4-Dichlorophenol         | 7.83 | 162 | 189694 | 8.511  | ng | 97   |
| 30) 1,2,4-Trichlorobenzene     | 7.92 | 180 | 219940 | 8.661  | ng | 99   |
| 31) Naphthalene                | 7.99 | 128 | 688643 | 9.411  | ng | 97   |
| 32) Benzoic acid               | 7.69 | 122 | 88427  | 6.217  | ng | 98   |
| 33) 4-Chloroaniline            | 8.04 | 127 | 288054 | 8.262  | ng | 97   |
| 34) Hexachlorobutadiene        | 8.12 | 225 | 116920 | 8.288  | ng | 96   |
| 35) Caprolactam                | 8.37 | 113 | 57688  | 7.669  | ng | 98   |
| 36) 4-Chloro-3-methylphenol    | 8.52 | 107 | 188271 | 8.423  | ng | 100  |
| 37) 2-Methylnaphthalene        | 8.68 | 142 | 471612 | 9.700  | ng | 99   |
| 38) 1-Methylnaphthalene        | 8.78 | 142 | 442388 | 9.603  | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.85 | 216 | 201038 | 9.457  | ng | 99   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\  
 Data File : BF114654.D  
 Acq On : 30 May 2019 12:09  
 Operator : HP/JU  
 Sample : K2241-01  
 Misc : LOD-SOIL-8PPM  
 ALS Vial : 6 Sample Multiplier: 1

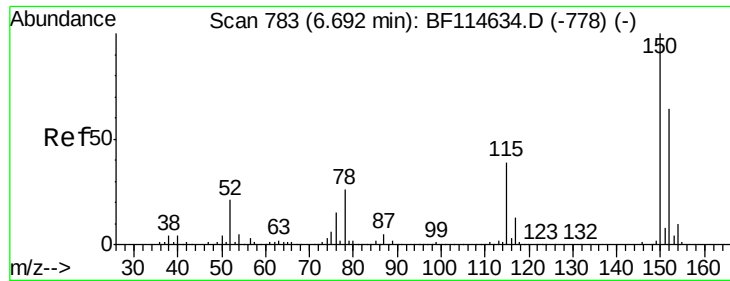
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 30 14:23:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 30 14:17:39 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.85  | 237  | 124029   | 8.829  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 8.96  | 196  | 132436   | 7.918  | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 8.99  | 196  | 140302   | 8.406  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.15  | 154  | 565020   | 9.535  | ng    | 96       |
| 47) 2-Chloronaphthalene        | 9.17  | 162  | 433898   | 8.927  | ng    | 96       |
| 48) 2-Nitroaniline             | 9.26  | 65   | 107471   | 7.165  | ng    | 91       |
| 49) Acenaphthylene             | 9.57  | 152  | 694449   | 9.248  | ng    | 96       |
| 50) Dimethylphthalate          | 9.45  | 163  | 485117   | 8.721  | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.50  | 165  | 104273   | 8.068  | ng    | 97       |
| 52) Acenaphthene               | 9.75  | 154  | 411430   | 8.934  | ng    | 98       |
| 53) 3-Nitroaniline             | 9.66  | 138  | 118203   | 7.472  | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 9.76  | 184  | 25249    | 4.953  | ng    | # 53     |
| 55) Dibenzofuran               | 9.92  | 168  | 611013   | 9.321  | ng    | 94       |
| 56) 4-Nitrophenol              | 9.81  | 139  | 85551    | 7.298  | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 9.89  | 165  | 127501   | 7.686  | ng    | 99       |
| 58) Fluorene                   | 10.26 | 166  | 464571   | 10.496 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.04 | 232  | 113468   | 8.305  | ng    | 97       |
| 60) Diethylphthalate           | 10.15 | 149  | 485331   | 8.543  | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.26 | 204  | 223694   | 10.101 | ng    | 93       |
| 62) 4-Nitroaniline             | 10.26 | 138  | 110070   | 7.141  | ng    | 96       |
| 63) Azobenzene                 | 10.42 | 77   | 461717   | 8.852  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.30 | 198  | 39971    | 5.935  | ng    | 92       |
| 66) n-Nitrosodiphenylamine     | 10.37 | 169  | 409237   | 9.120  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.75 | 248  | 139030   | 8.536  | ng    | 98       |
| 68) Hexachlorobenzene          | 10.81 | 284  | 152128   | 8.624  | ng    | 98       |
| 69) Atrazine                   | 10.90 | 200  | 123257   | 8.718  | ng    | 99       |
| 70) Pentachlorophenol          | 11.00 | 266  | 73915    | 7.269  | ng    | 98       |
| 71) Phenanthrene               | 11.22 | 178  | 698929   | 9.021  | ng    | 96       |
| 72) Anthracene                 | 11.26 | 178  | 708150   | 9.031  | ng    | 98       |
| 73) Carbazole                  | 11.42 | 167  | 626847   | 9.096  | ng    | 97       |
| 74) Di-n-butylphthalate        | 11.77 | 149  | 744377   | 8.890  | ng    | # 96     |
| 75) Fluoranthene               | 12.39 | 202  | 700677   | 8.734  | ng    | 97       |
| 77) Benzidine                  | 12.52 | 184  | 376078   | 8.027  | ng    | 98       |
| 78) Pyrene                     | 12.62 | 202  | 711660   | 7.394  | ng    | 96       |
| 80) Butylbenzylphthalate       | 13.25 | 149  | 298089   | 6.163  | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.80 | 228  | 652482   | 7.462  | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine     | 13.77 | 252  | 239320   | 7.087  | ng    | 98       |
| 83) Chrysene                   | 13.84 | 228  | 618242   | 7.401  | ng    | 95       |
| 84) Bis(2-ethylhexyl)phthalate | 13.82 | 149  | 417048   | 6.974  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.43 | 149  | 692817   | 6.668  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.52 | 276  | 591206   | 7.066  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.81 | 252  | 582344   | 7.655  | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 14.84 | 252  | 620219   | 9.380  | ng    | 96       |
| 90) Benzo(a)pyrene             | 15.14 | 252  | 566764   | 8.480  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.53 | 278  | 499645   | 8.460  | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 16.90 | 276  | 476002   | 8.305  | ng    | 98       |

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



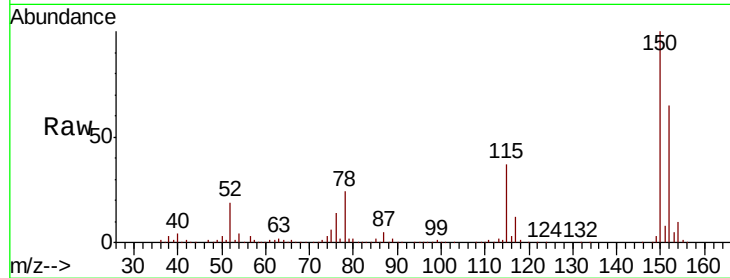


#1

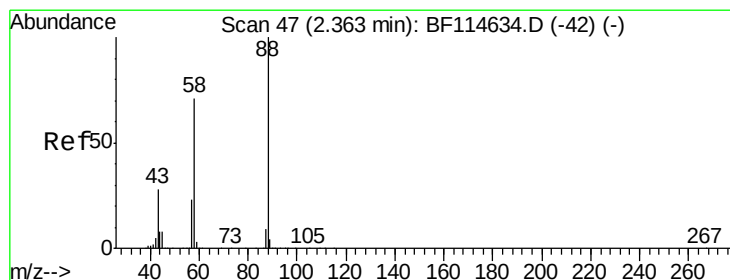
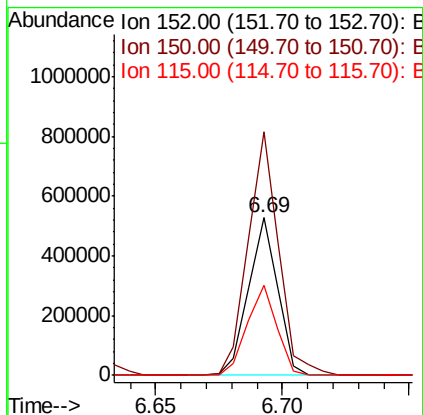
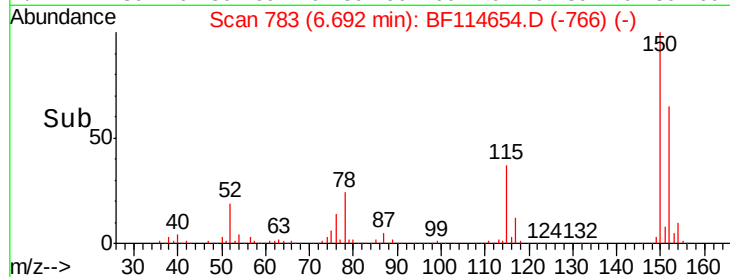
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.69 min Scan# 783  
Delta R.T. 0.00 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:152 Resp: 424626  
Ion Ratio Lower Upper  
152 100  
150 154.5 124.4 186.6  
115 57.5 48.7 73.1



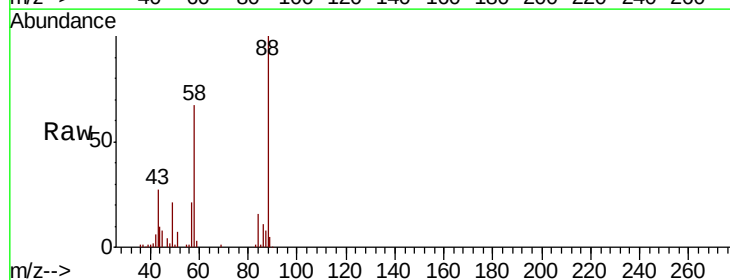
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



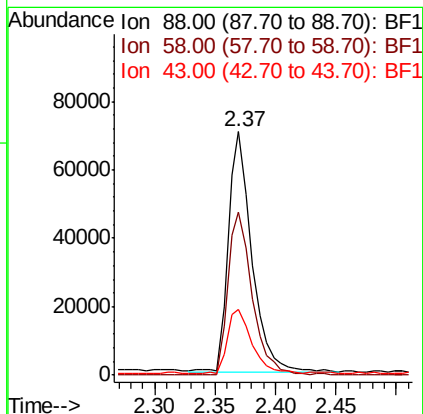
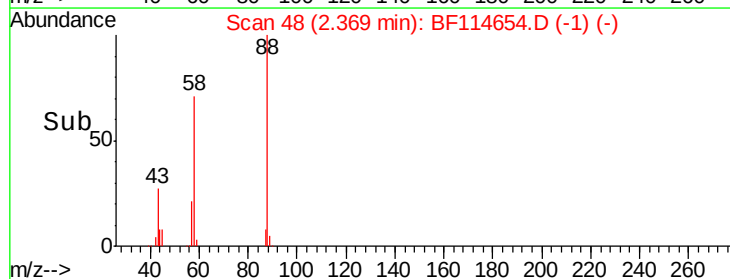
#2

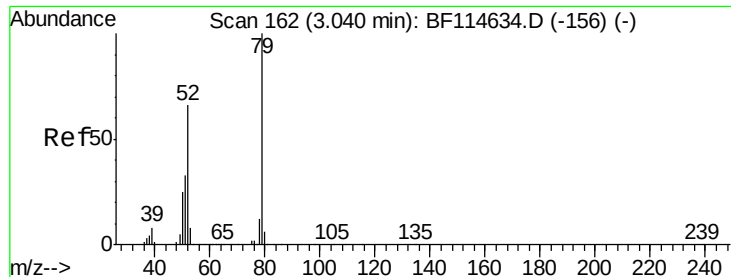
1,4-Dioxane  
Concen: 8.117 ng  
RT: 2.37 min Scan# 48  
Delta R.T. 0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Tgt Ion: 88 Resp: 94211  
Ion Ratio Lower Upper  
88 100  
58 70.2 57.2 85.8  
43 27.5 22.6 33.8



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: 6.893 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.05 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampleId :

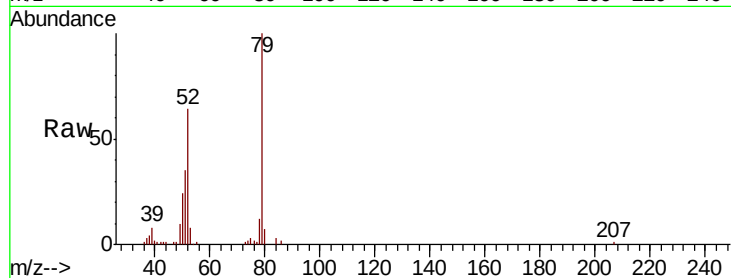
Tot Ion: 79 Resp: 232829

Ion Ratio Lower Upper

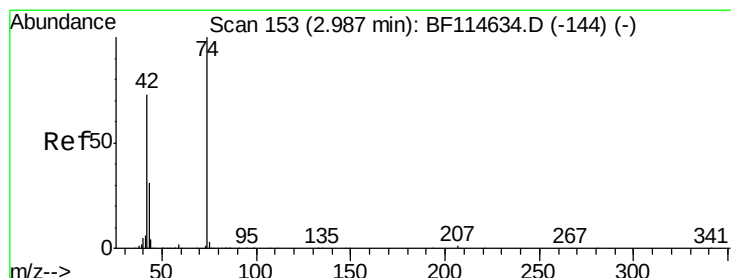
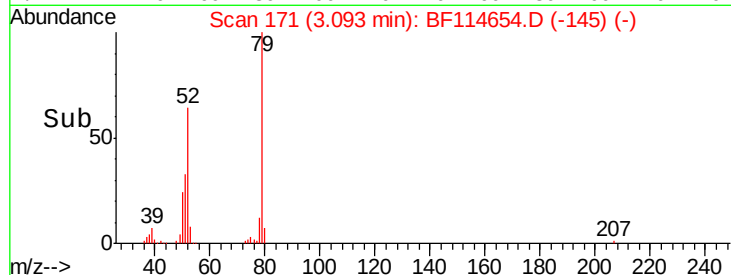
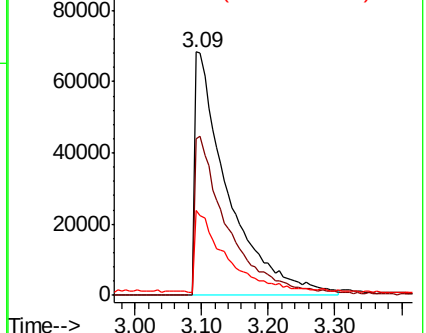
79 100

52 64.3 52.8 79.2

51 35.0 26.3 39.5



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



#4

n-Nitrosodimethylamine

Concen: 7.224 ng

RT: 2.97 min Scan# 150

Delta R.T. -0.02 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

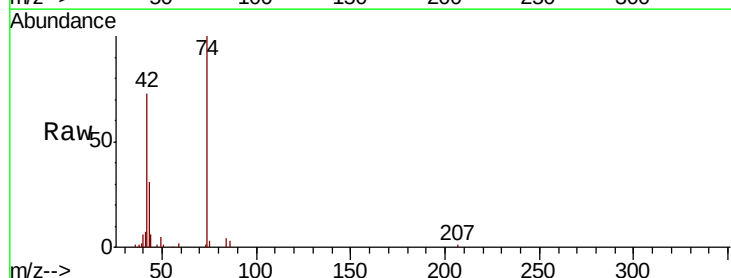
Tgt Ion: 42 Resp: 98750

Ion Ratio Lower Upper

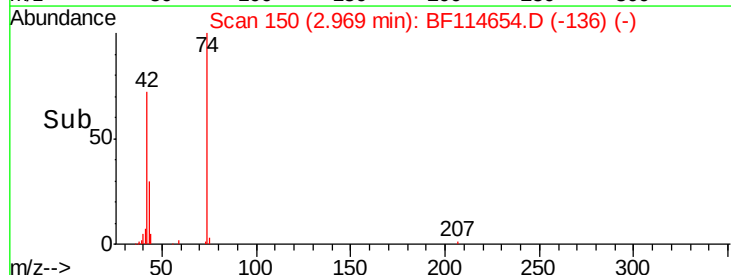
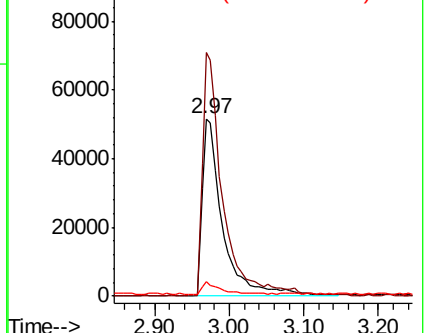
42 100

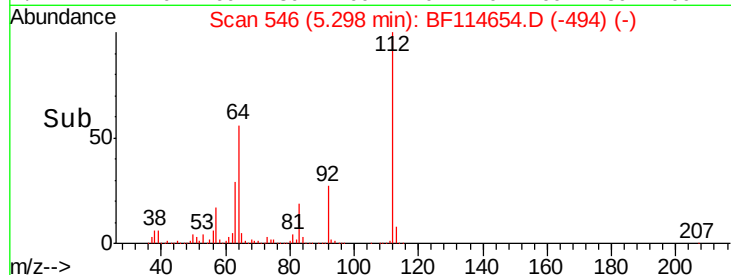
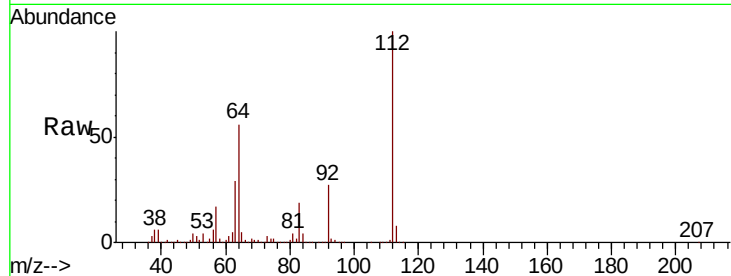
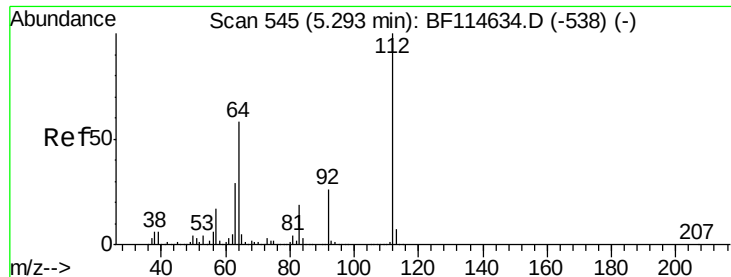
74 137.2 110.0 165.0

44 8.1 5.6 8.4



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





#5

2-Fluorophenol

Concen: 110.054 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampleId :

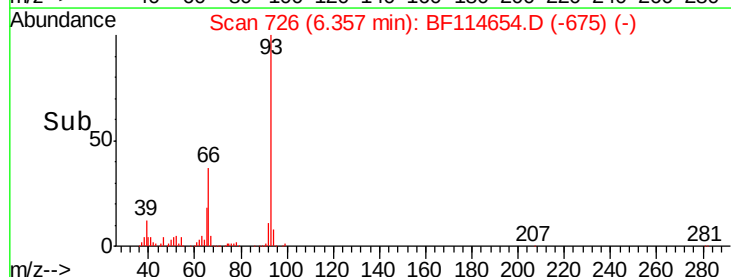
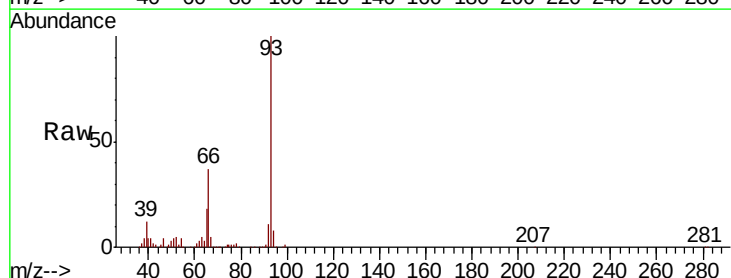
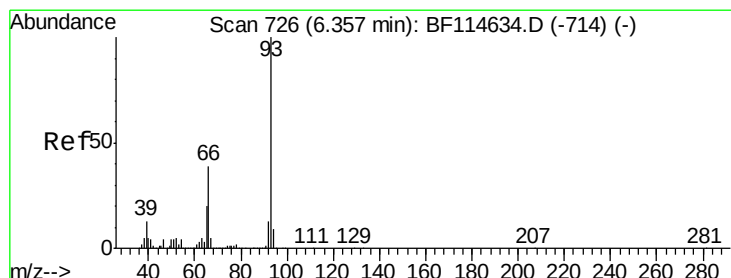
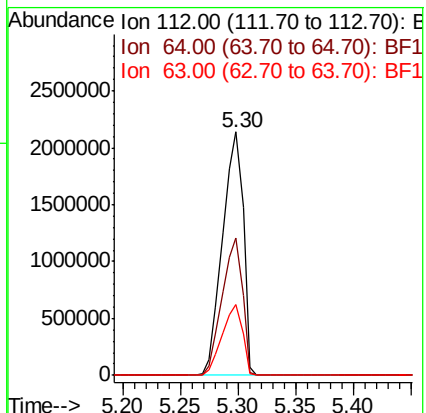
Tot Ion:112 Resp: 2661699

Ion Ratio Lower Upper

112 100

64 56.4 46.1 69.1

63 29.3 23.4 35.2



#6

Aniline

Concen: 7.772 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

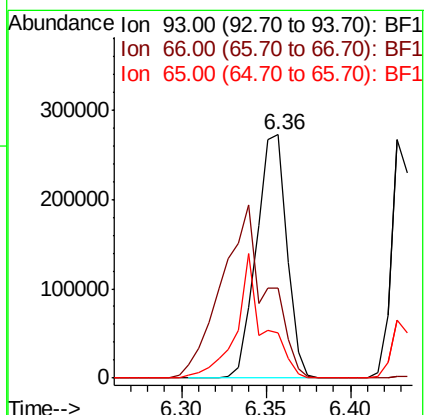
Tgt Ion: 93 Resp: 342153

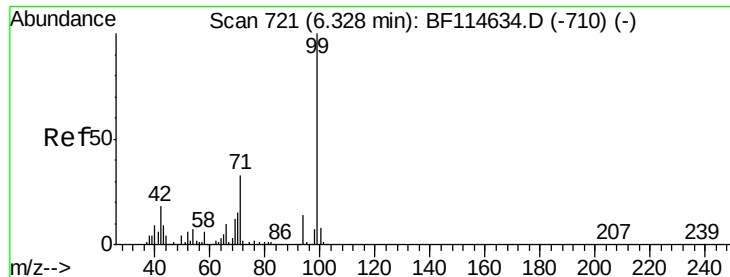
Ion Ratio Lower Upper

93 100

66 36.9 31.4 47.2

65 18.5 16.2 24.2





#7

Phenol-d6

Concen: 109.999 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampleId :

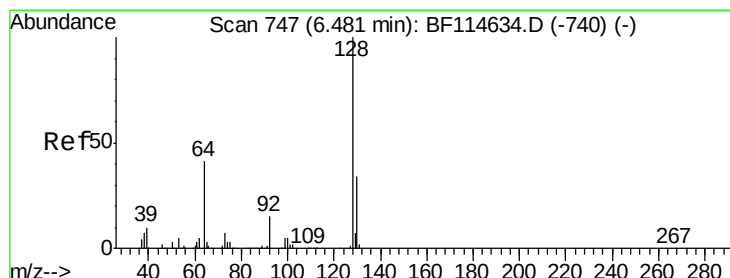
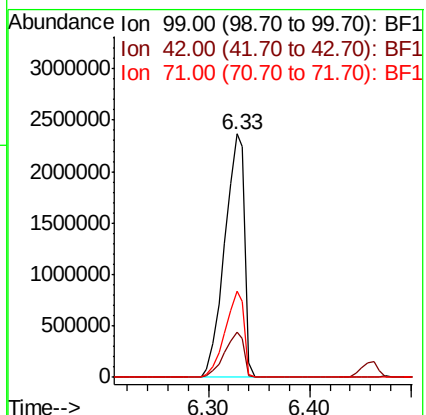
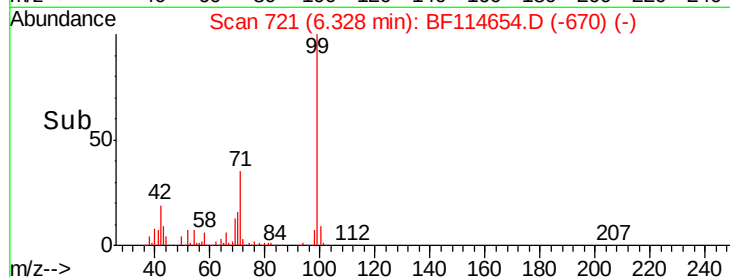
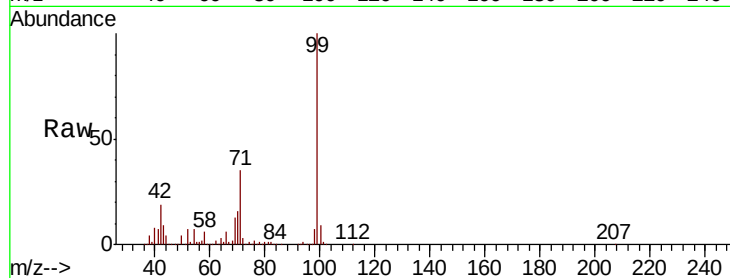
Tot Ion: 99 Resp: 3205835

Ion Ratio Lower Upper

99 100

42 18.8 14.7 22.1

71 35.4 26.6 40.0



#8

2-Chlorophenol

Concen: 8.211 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

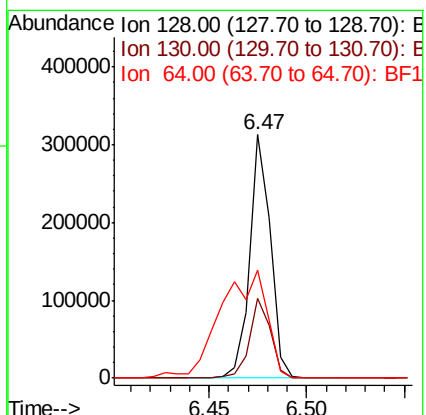
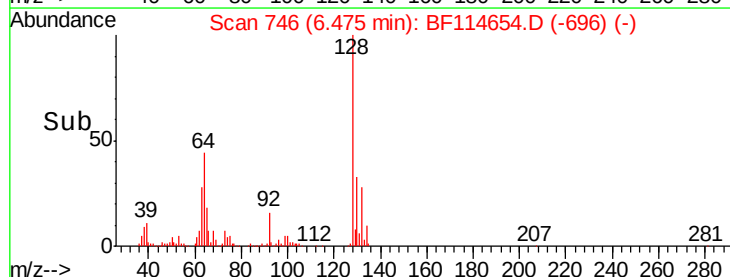
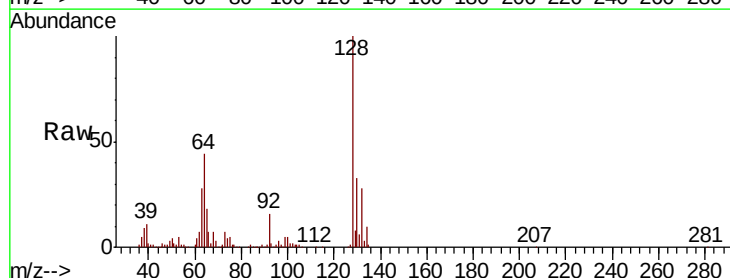
Tgt Ion: 128 Resp: 229328

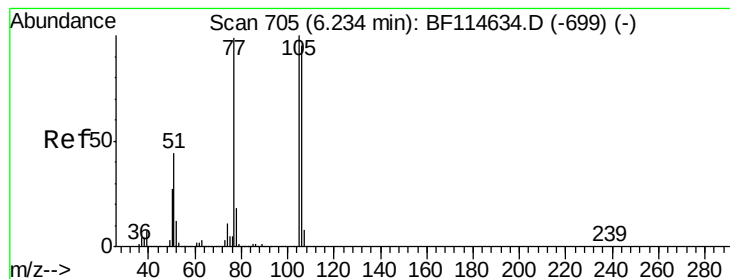
Ion Ratio Lower Upper

128 100

130 32.7 13.9 53.9

64 44.4 22.0 62.0





#9

Benzaldehyde

Concen: 11.352 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampleId :

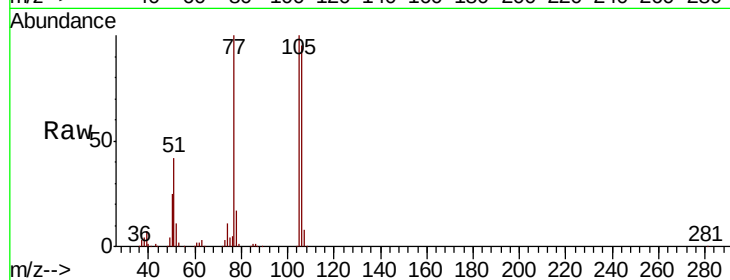
Tot Ion: 77 Resp: 188774

Ion Ratio Lower Upper

77 100

105 100.4 80.8 120.8

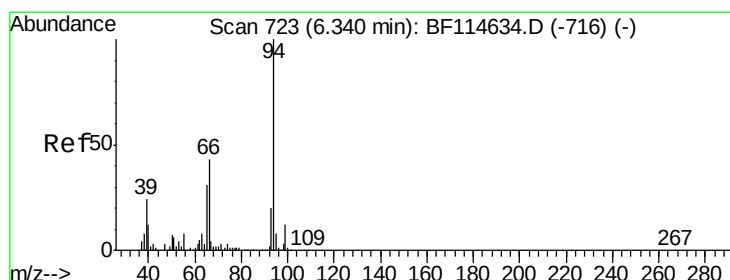
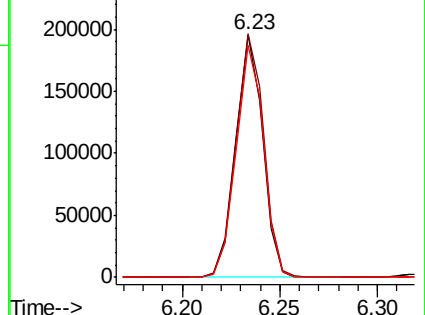
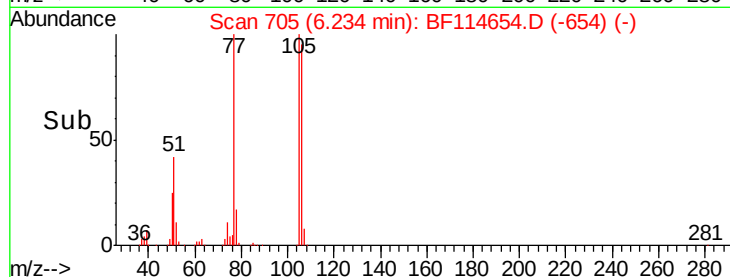
106 95.6 76.2 116.2



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: 8.026 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

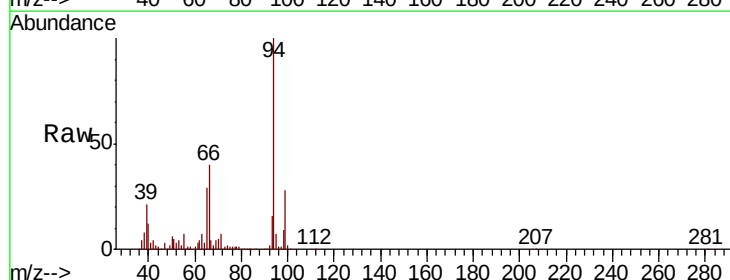
Tgt Ion: 94 Resp: 282585

Ion Ratio Lower Upper

94 100

65 28.6 11.0 51.0

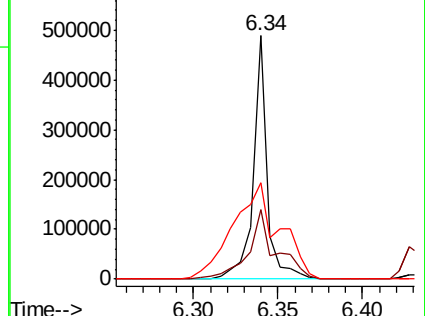
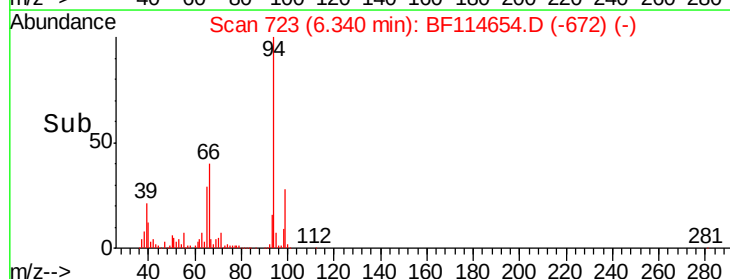
66 39.7 23.0 63.0



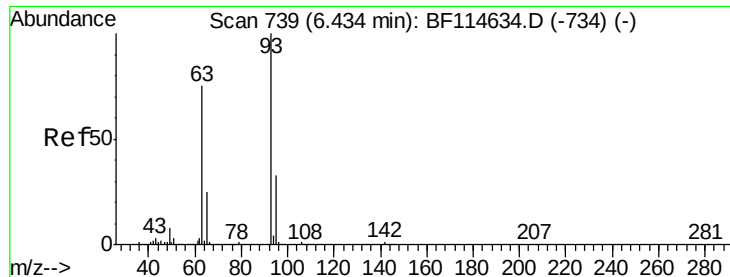
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



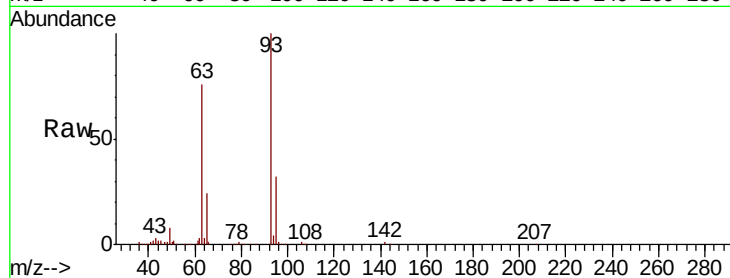




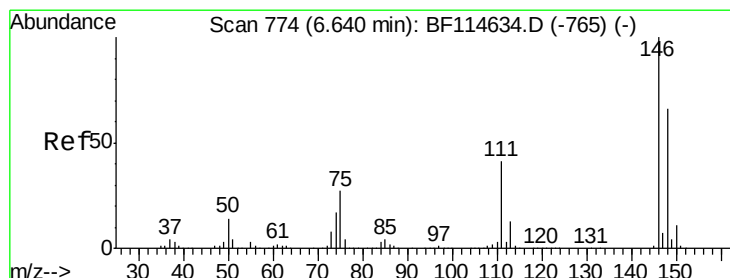
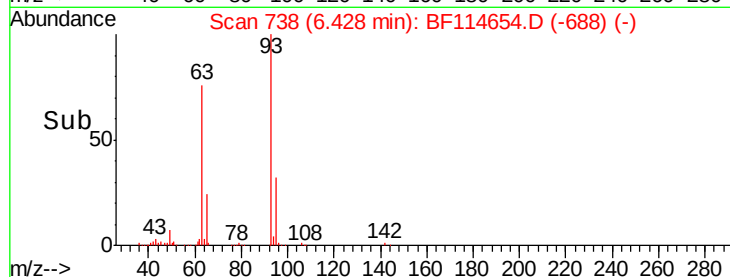
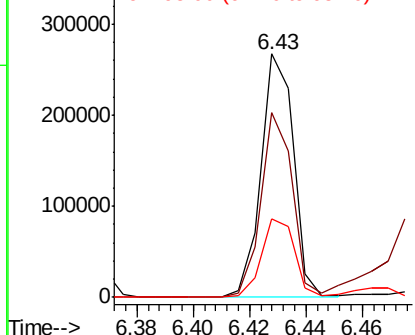
#11  
bis(2-Chloroethyl)ether  
Concen: 7.881 ng  
RT: 6.43 min Scan# 738  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.6  | 55.0  | 95.0  |
| 95      | 32.4  | 13.5  | 53.5  |

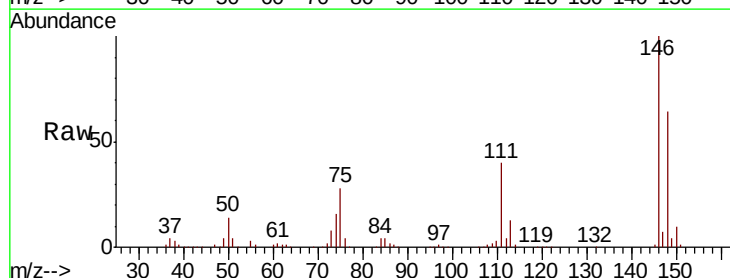


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1

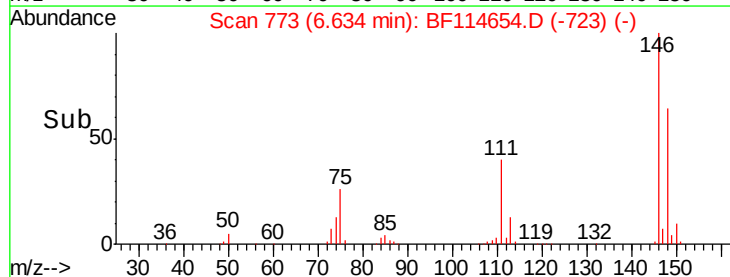
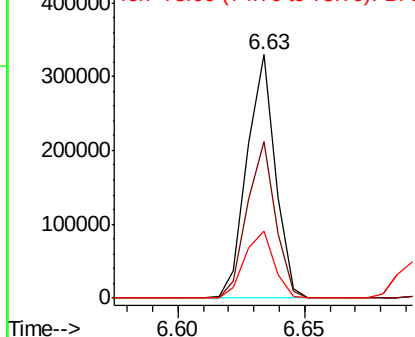


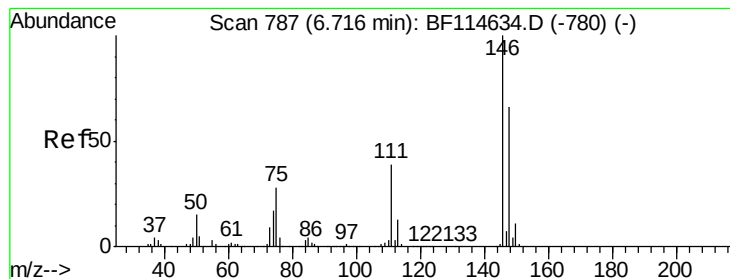
#12  
1,3-Dichlorobenzene  
Concen: 8.068 ng  
RT: 6.63 min Scan# 773  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 52.9  | 79.3  |
| 75      | 27.6  | 22.0  | 33.0  |



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: 8.049 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampleId :

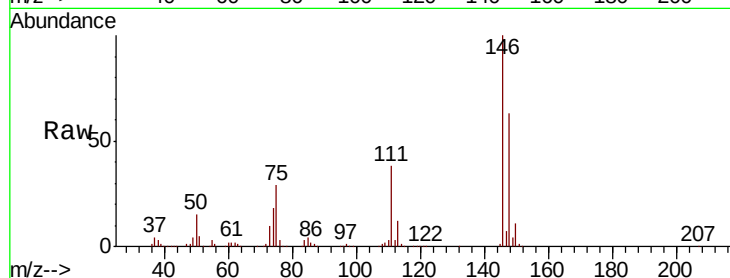
Tot Ion:146 Resp: 256959

Ion Ratio Lower Upper

146 100

148 63.2 52.5 78.7

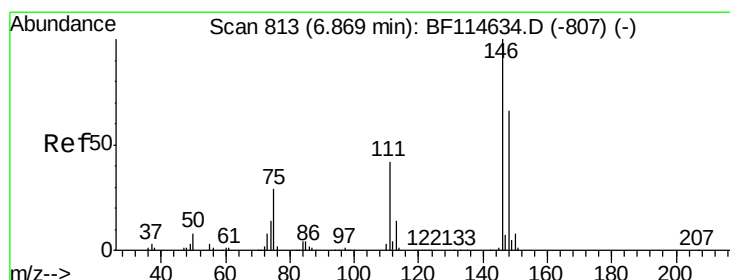
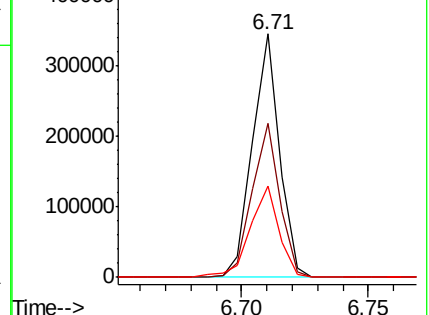
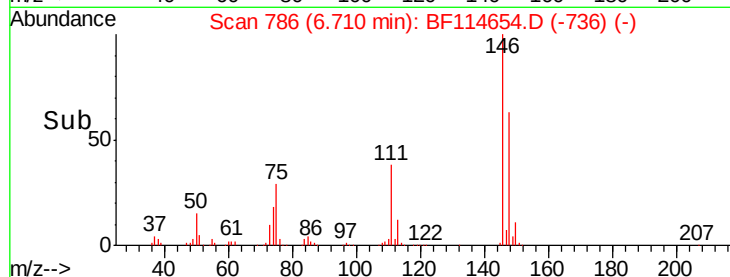
111 37.6 31.4 47.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 8.301 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

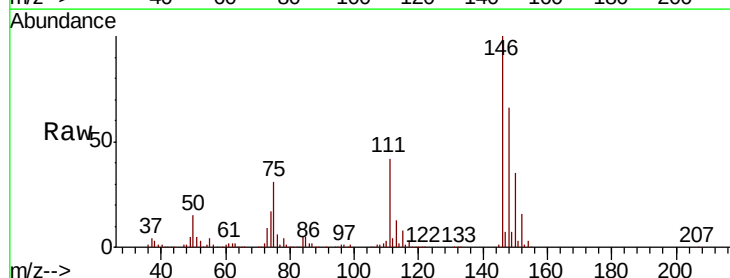
Tgt Ion:146 Resp: 241271

Ion Ratio Lower Upper

146 100

148 65.5 52.6 79.0

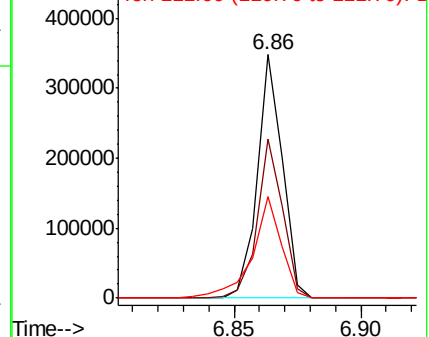
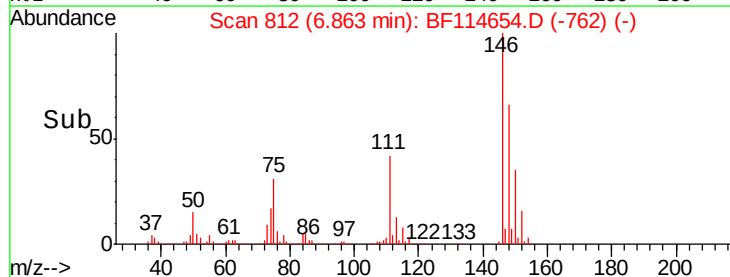
111 41.5 34.1 51.1

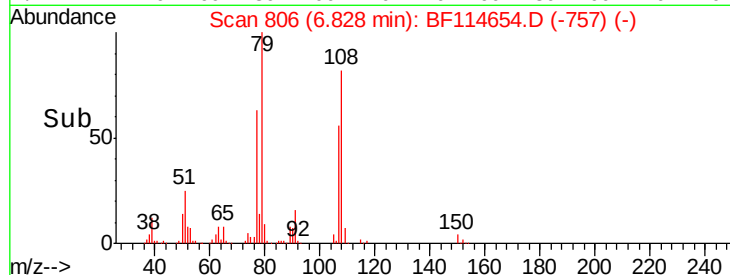
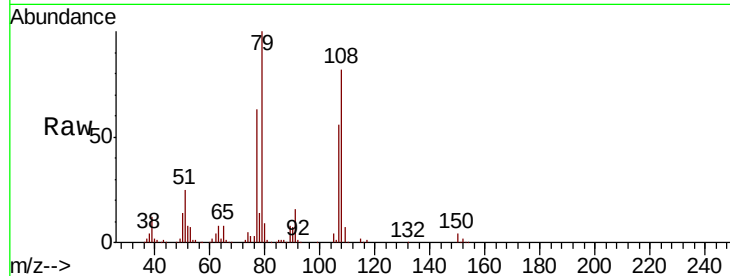
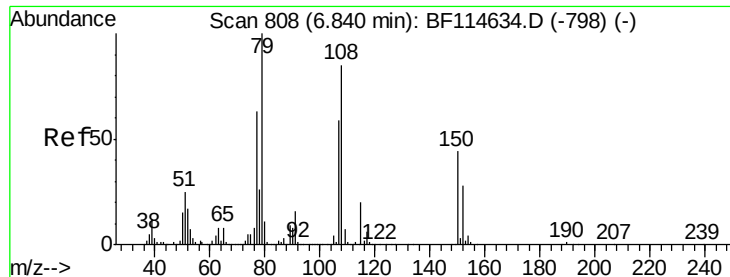


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

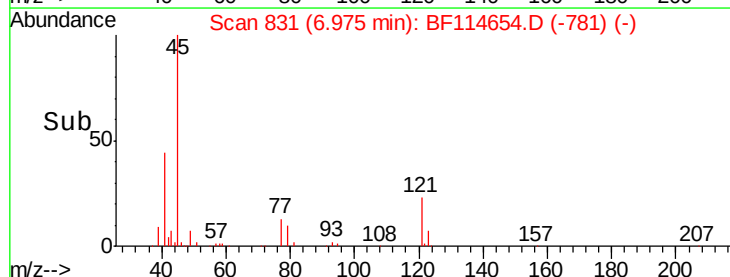
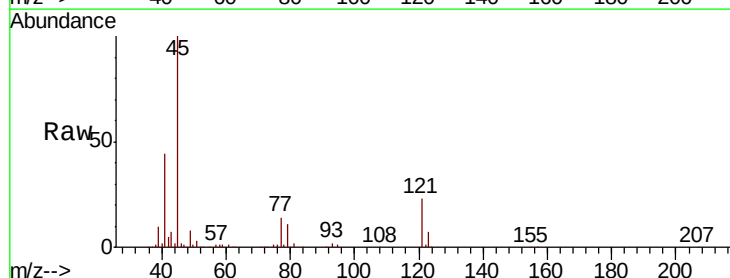
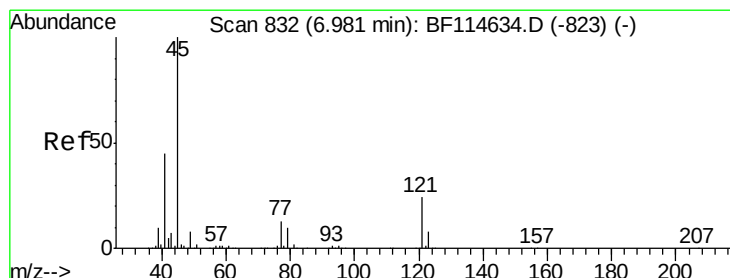
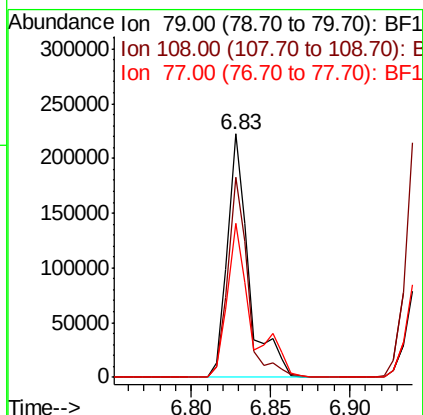




#15  
Benzyl Alcohol  
Concen: 9.189 ng  
RT: 6.83 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

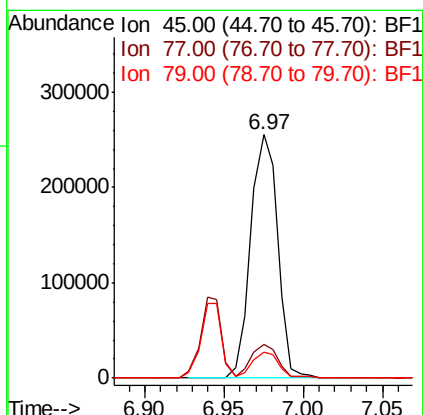
Instrument :  
BNA\_F  
ClientSampled :

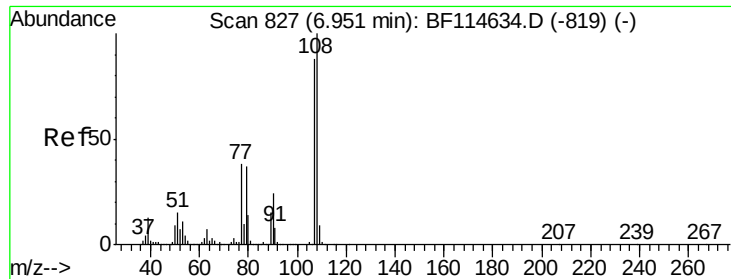
Tot Ion: 79 Resp: 210646  
Ion Ratio Lower Upper  
79 100  
108 82.0 67.8 101.8  
77 63.5 50.7 76.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 7.344 ng  
RT: 6.97 min Scan# 831  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Tgt Ion: 45 Resp: 303343  
Ion Ratio Lower Upper  
45 100  
77 14.0 0.0 34.7  
79 10.8 0.0 31.3





#17

2-Methylphenol

Concen: 7.670 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 181183

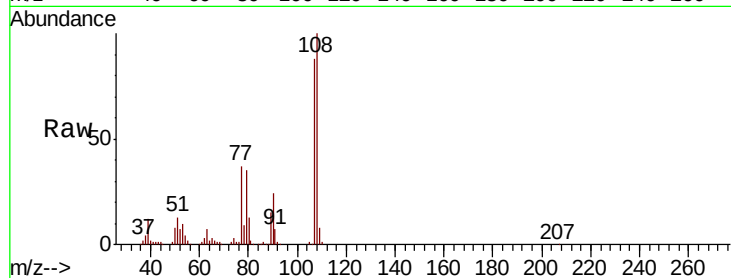
Ion Ratio Lower Upper

107 100

108 113.4 91.1 136.7

77 42.0 34.9 52.3

79 40.0 33.8 50.6

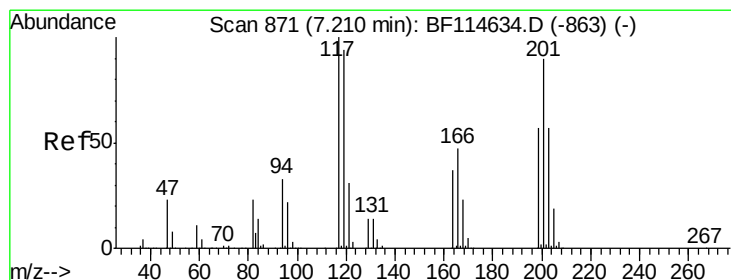
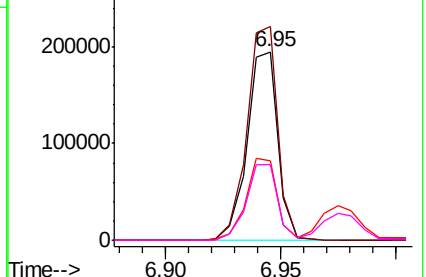
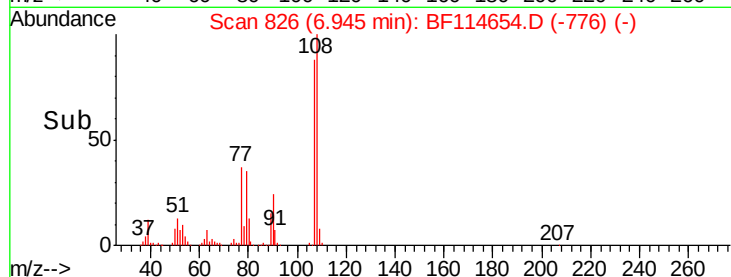


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 7.370 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

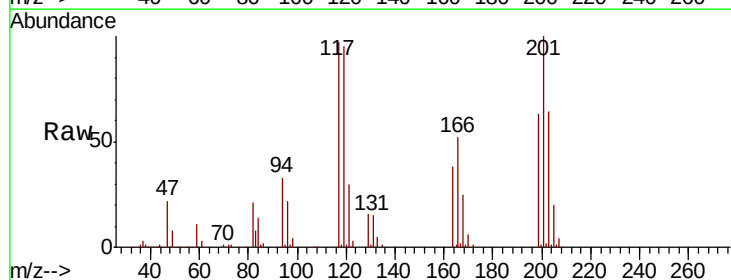
Tgt Ion:117 Resp: 89077

Ion Ratio Lower Upper

117 100

119 97.8 75.6 113.4

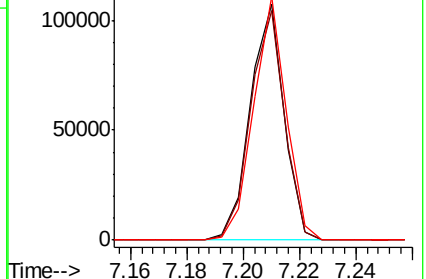
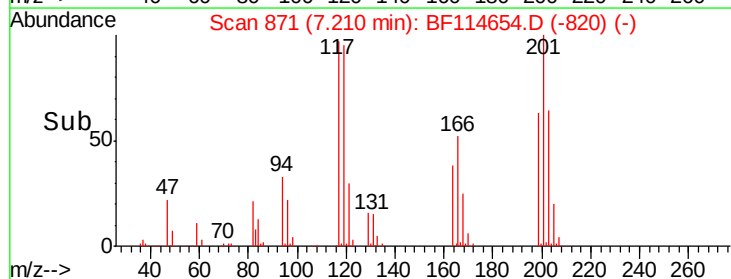
201 103.5 71.7 107.5

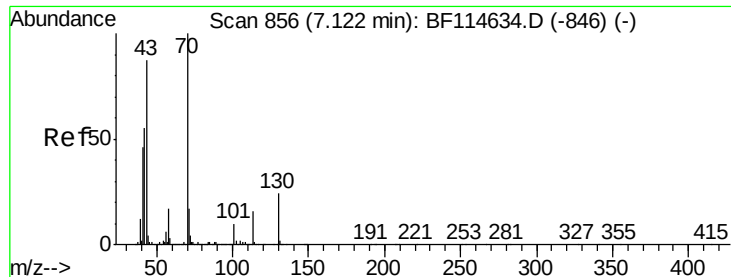


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 7.739 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 70 Resp: 155681

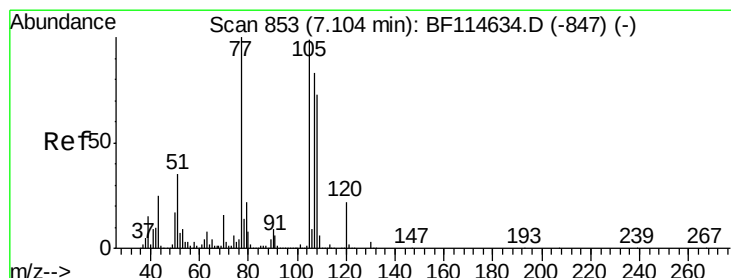
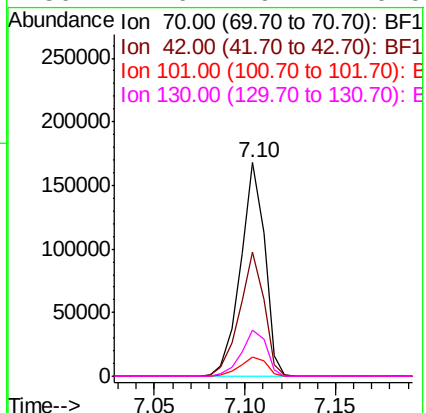
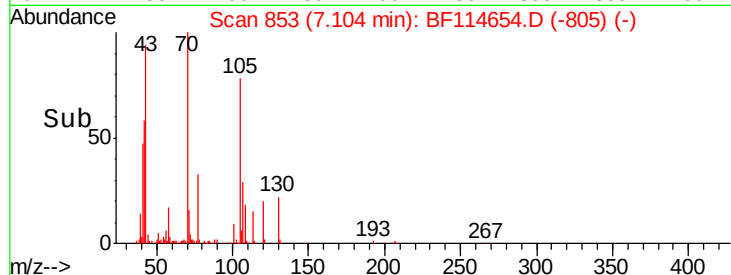
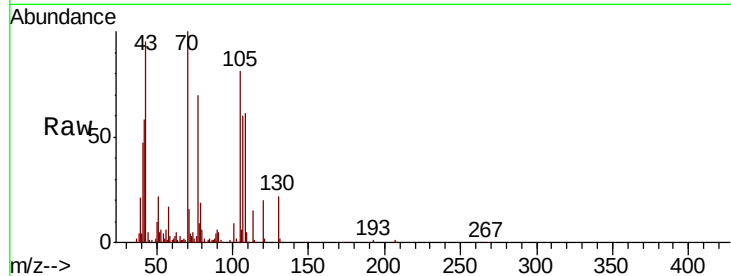
Ion Ratio Lower Upper

70 100

42 57.9 44.4 66.6

101 9.2 8.2 12.4

130 21.6 19.4 29.0



#20

3+4-Methylphenols

Concen: 8.360 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Tgt Ion: 107 Resp: 232268

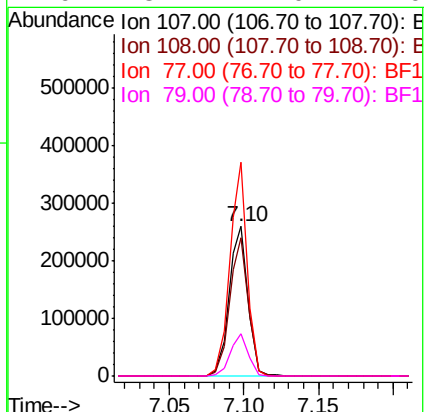
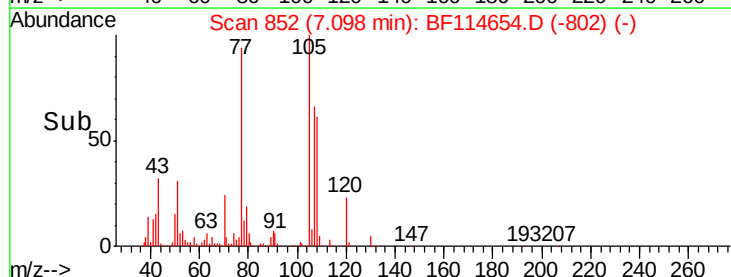
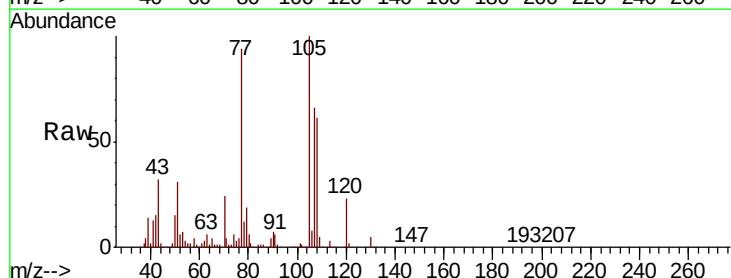
Ion Ratio Lower Upper

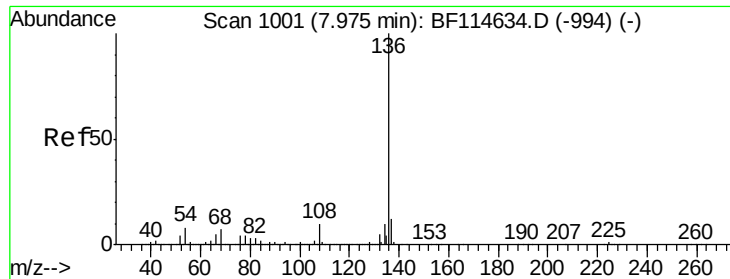
107 100

108 92.7 68.6 108.6

77 143.0 100.5 140.5

79 28.4 7.0 47.0

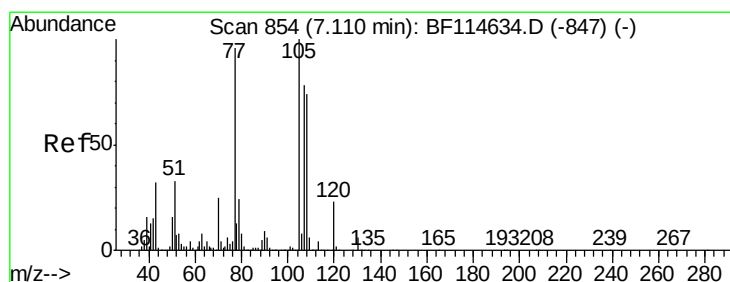
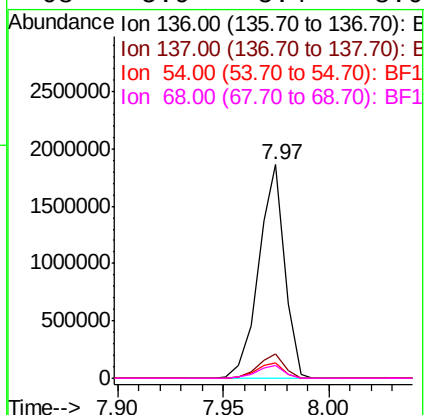
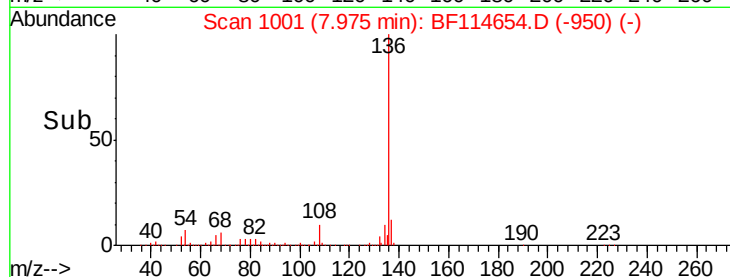
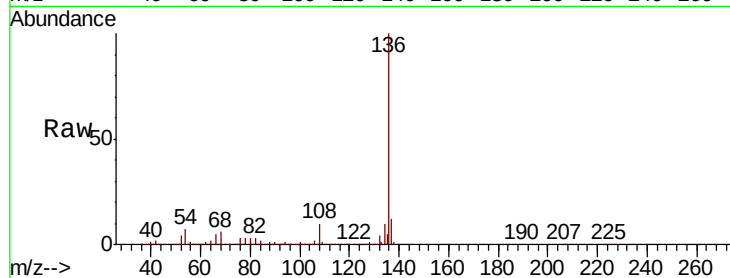




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.97 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

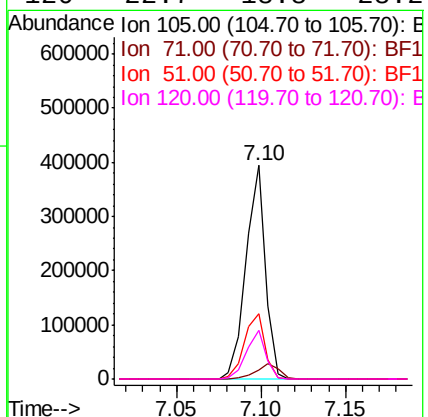
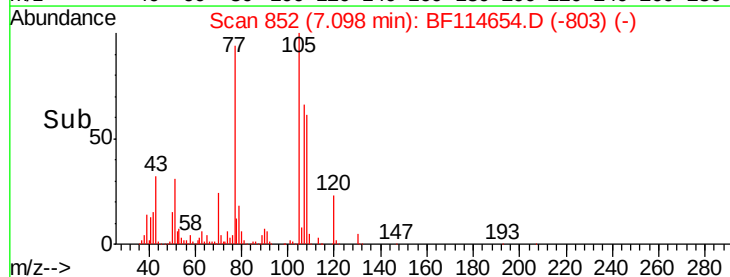
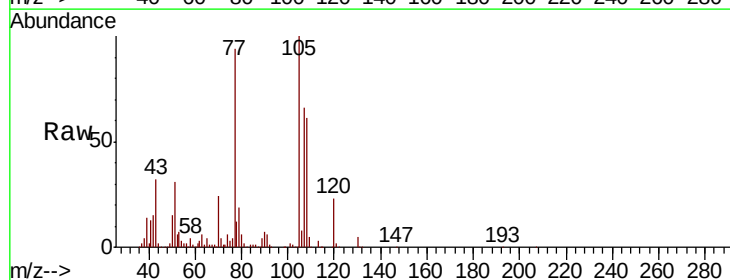
Instrument :  
BNA\_F  
ClientSampleId :

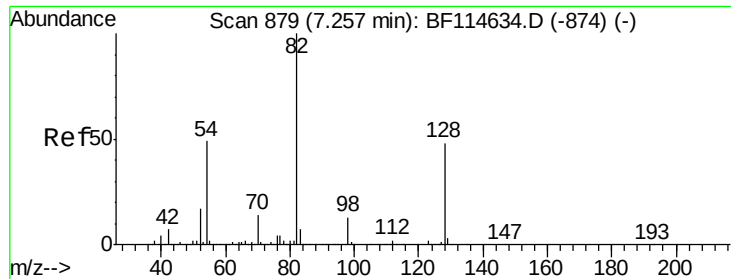
|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1588667 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 11.6    | 9.3 13.9      |
| 54 6.9      | 6.3 9.5       |
| 68 5.9      | 5.4 8.0       |



#22  
Acetophenone  
Concen: 9.384 ng  
RT: 7.10 min Scan# 852  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

|         |       |       |        |
|---------|-------|-------|--------|
| Tgt Ion | 105   | Resp: | 317648 |
| Ion     | Ratio | Lower | Upper  |
| 105     | 100   |       |        |
| 71      | 4.0   | 3.6   | 5.4    |
| 51      | 30.7  | 26.0  | 39.0   |
| 120     | 22.7  | 18.8  | 28.2   |

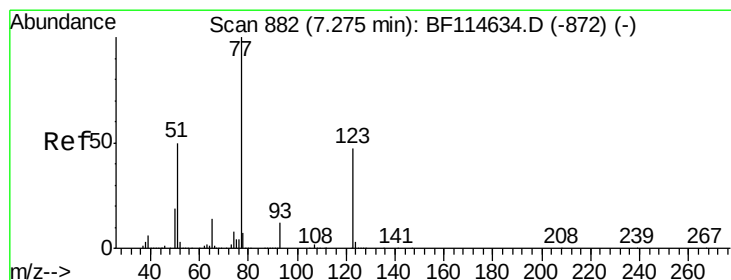
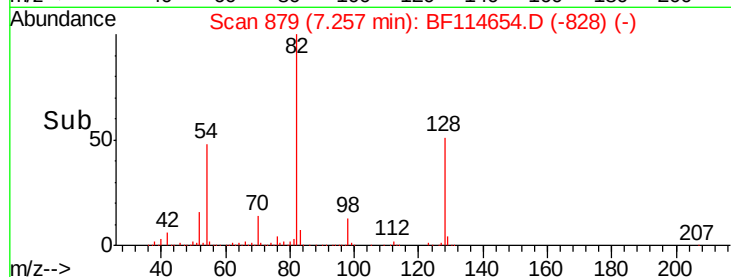
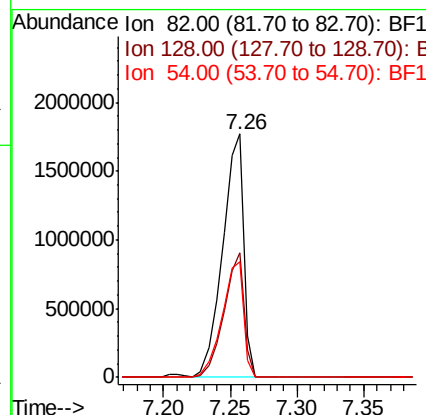
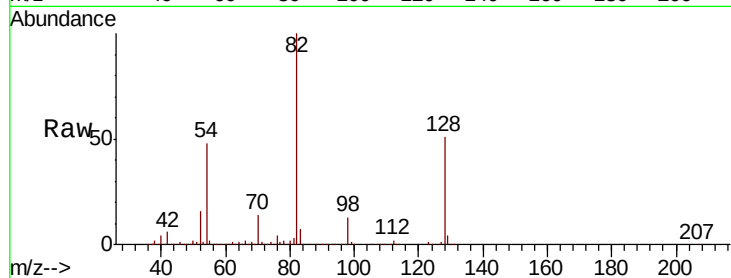




#23  
 Nitrobenzene-d5  
 Concen: 76.981 ng  
 RT: 7.26 min Scan# 879  
 Delta R.T. 0.00 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

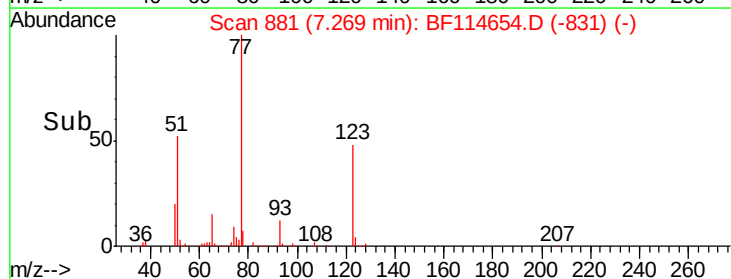
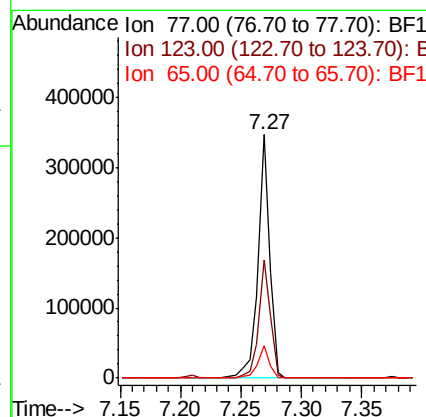
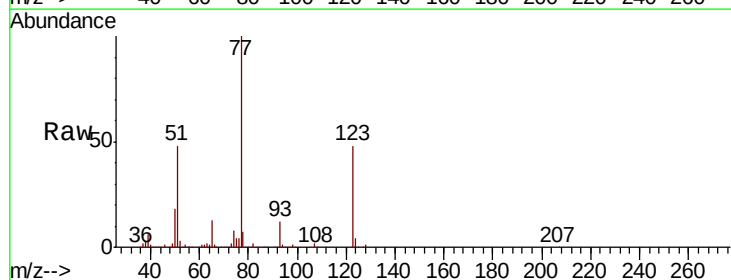
Instrument :  
 BNA\_F  
 ClientSampled :

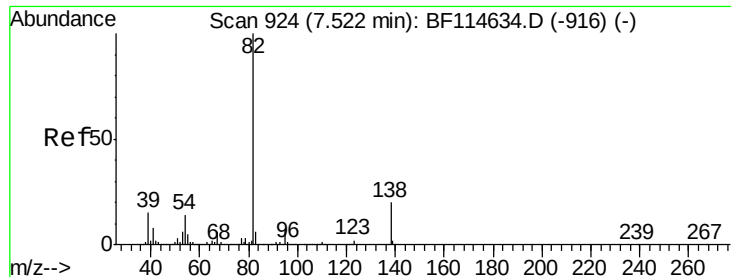
Tot Ion: 82 Resp: 1960237  
 Ion Ratio Lower Upper  
 82 100  
 128 51.4 38.5 57.7  
 54 47.5 39.1 58.7



#24  
 Nitrobenzene  
 Concen: 8.728 ng  
 RT: 7.27 min Scan# 881  
 Delta R.T. -0.01 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

Tgt Ion: 77 Resp: 236096  
 Ion Ratio Lower Upper  
 77 100  
 123 48.5 38.5 57.7  
 65 13.2 11.2 16.8





#25

Isophorone

Concen: 8.181 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampleId :

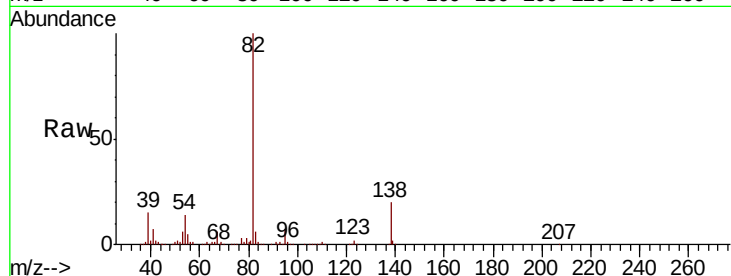
Tot Ion: 82 Resp: 418091

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

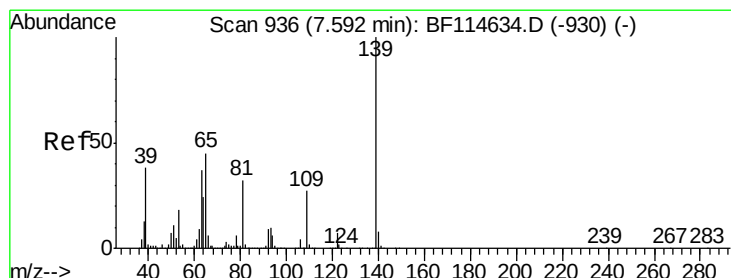
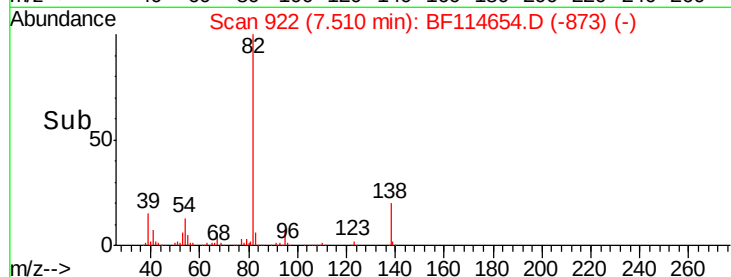
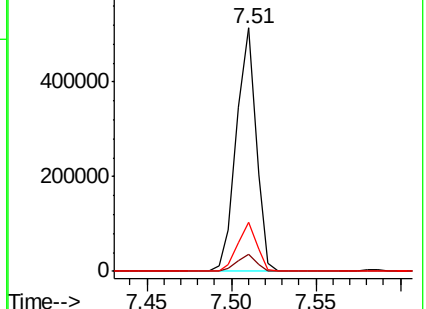
138 20.0 15.9 23.9



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: 7.658 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

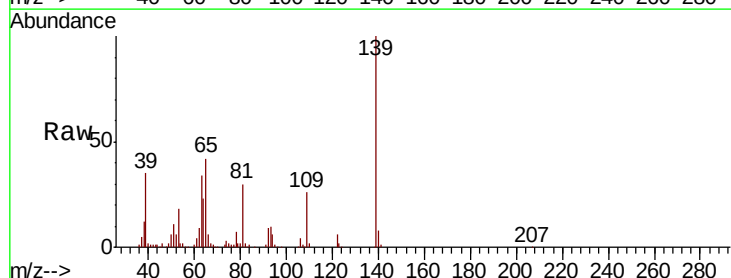
Tgt Ion: 139 Resp: 100827

Ion Ratio Lower Upper

139 100

109 25.8 21.7 32.5

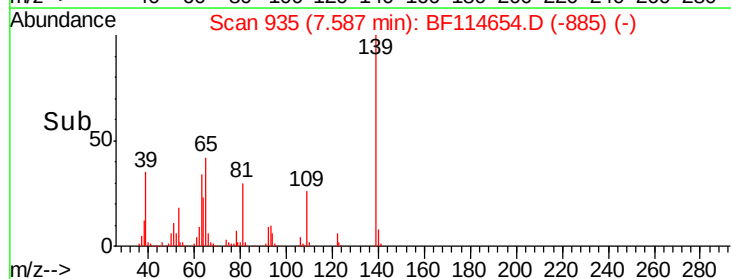
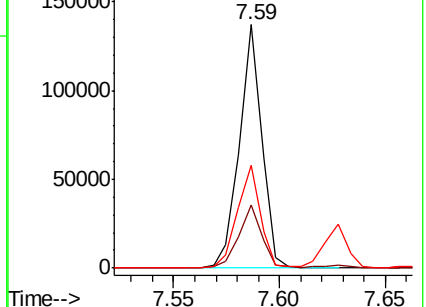
65 42.2 36.3 54.5



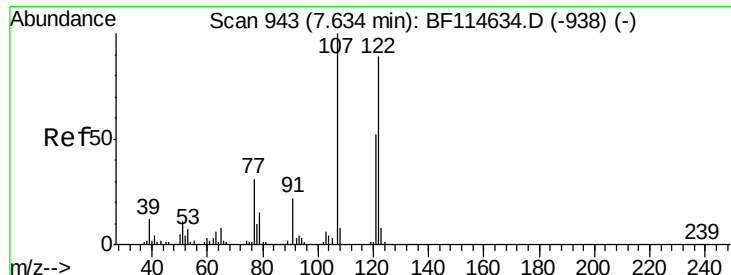
Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



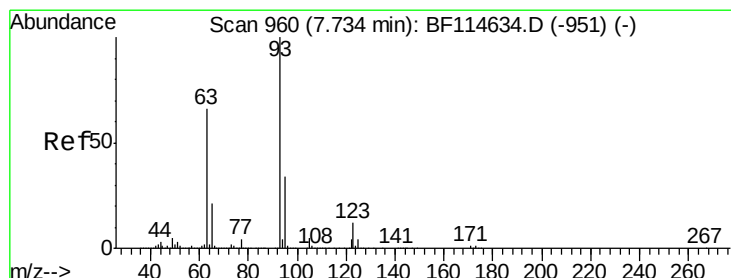
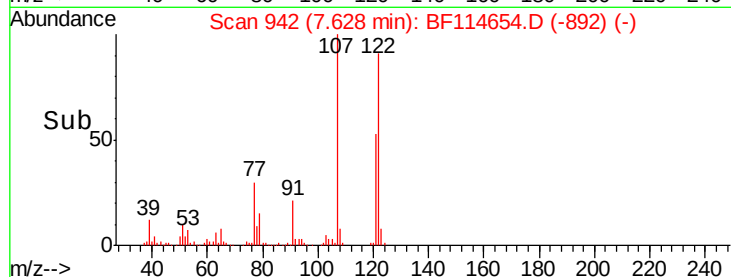
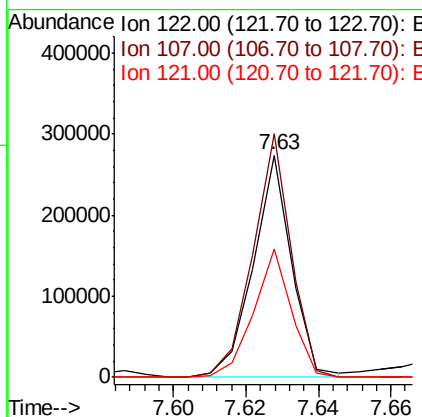
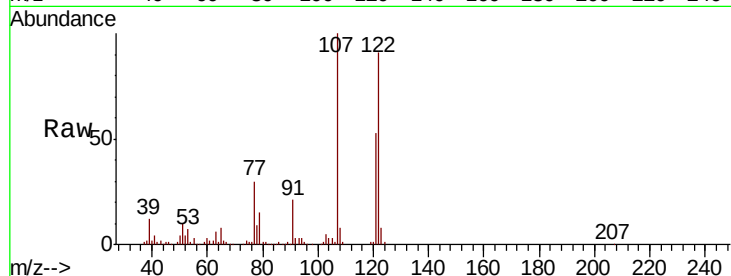




#27  
 2,4-Dimethylphenol  
 Concen: 9.135 ng  
 RT: 7.63 min Scan# 942  
 Delta R.T. -0.01 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

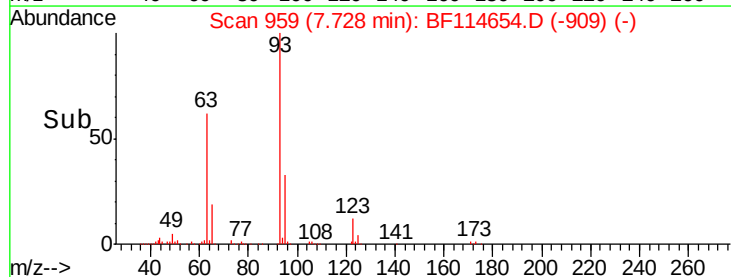
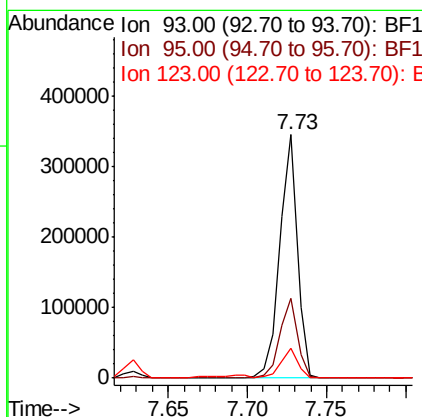
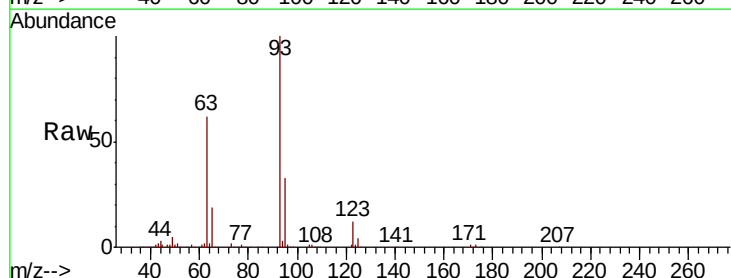
Instrument :  
 BNA\_F  
 ClientSampleId :

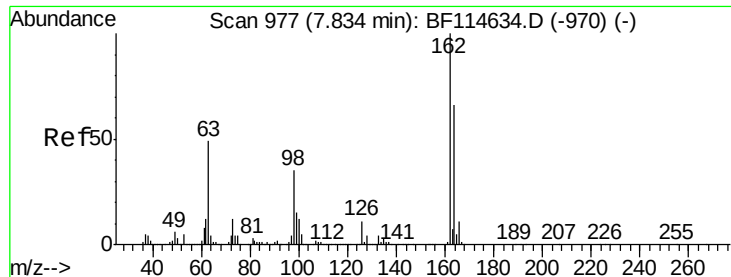
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 109.6 | 89.3  | 133.9 |
| 121     | 57.7  | 46.8  | 70.2  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 8.255 ng  
 RT: 7.73 min Scan# 959  
 Delta R.T. -0.01 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 27.0  | 40.4  |
| 123     | 12.2  | 10.2  | 15.2  |

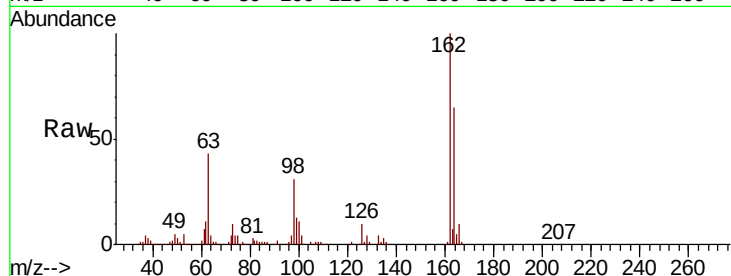




#29  
2,4-Dichlorophenol  
Concen: 8.511 ng  
RT: 7.83 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.1  | 45.8  | 85.8  |
| 98      | 31.3  | 14.9  | 54.9  |

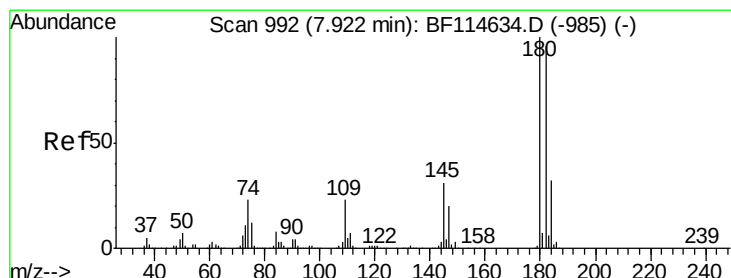
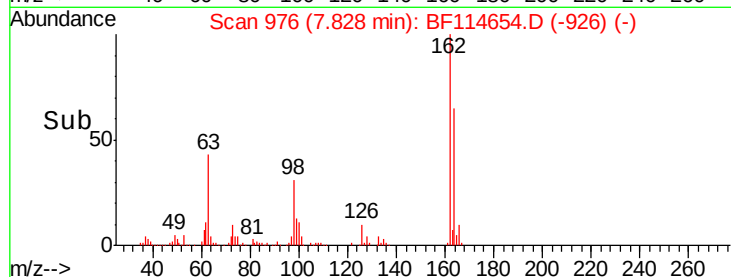
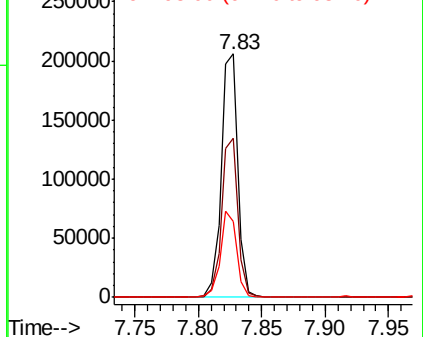


Abundance

Ion 162.00 (161.70 to 162.70): E

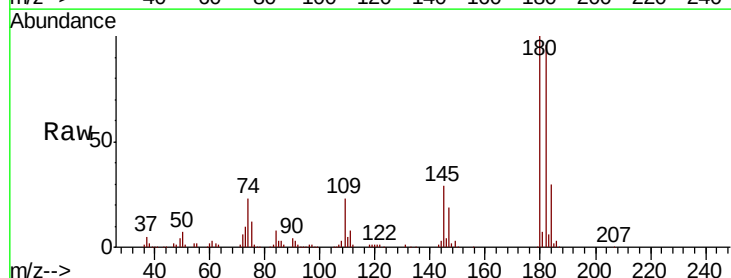
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 8.661 ng  
RT: 7.92 min Scan# 991  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 76.9  | 115.3 |
| 145     | 29.4  | 24.5  | 36.7  |

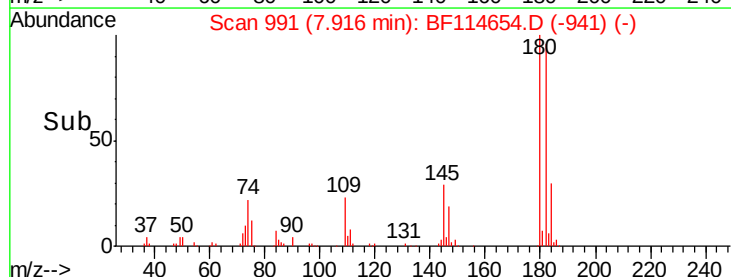
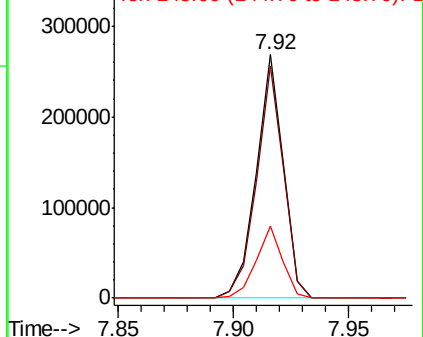


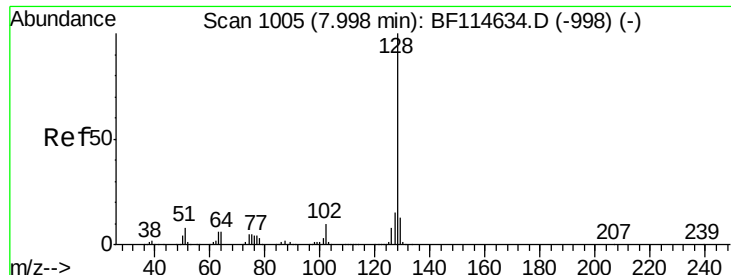
Abundance

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

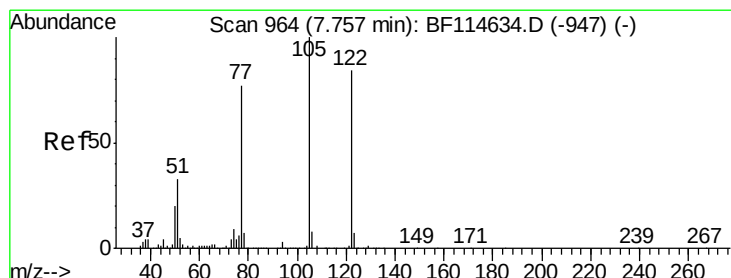
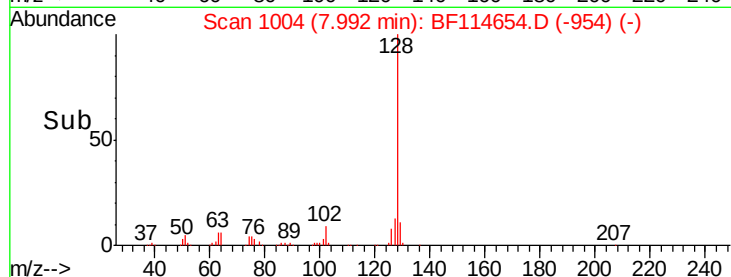
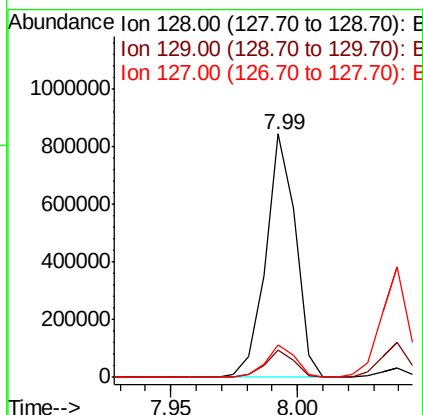
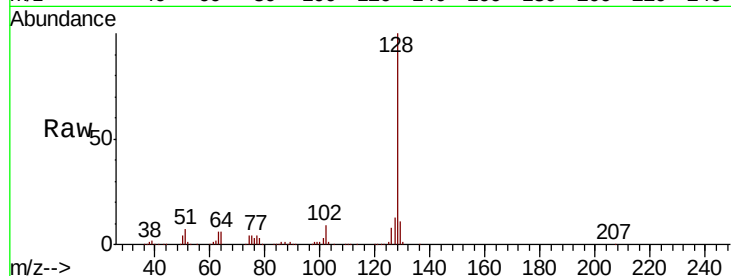




#31  
Naphthalene  
Concen: 9.411 ng  
RT: 7.99 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

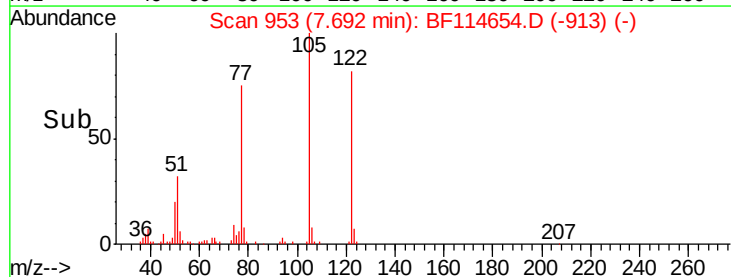
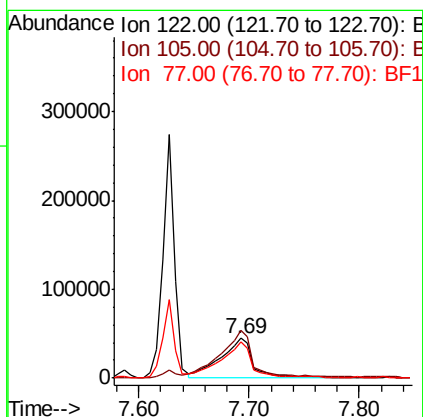
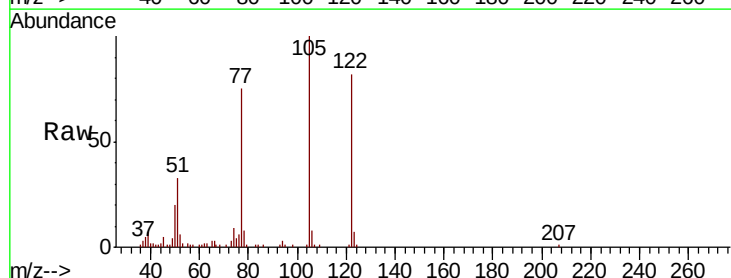
Instrument :  
BNA\_F  
ClientSampleId :

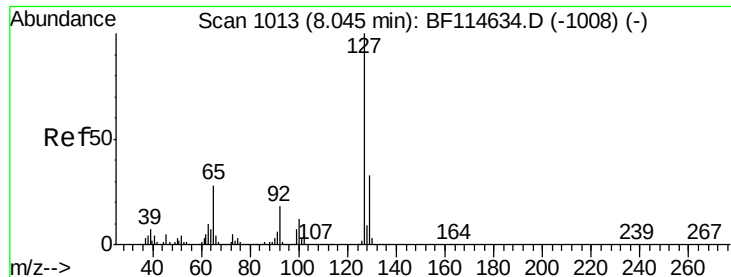
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 10.2  | 15.2  |
| 127     | 13.4  | 11.9  | 17.9  |



#32  
Benzoic acid  
Concen: 6.217 ng  
RT: 7.69 min Scan# 953  
Delta R.T. -0.06 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 121.4 | 98.3  | 138.3 |
| 77      | 91.6  | 70.7  | 110.7 |

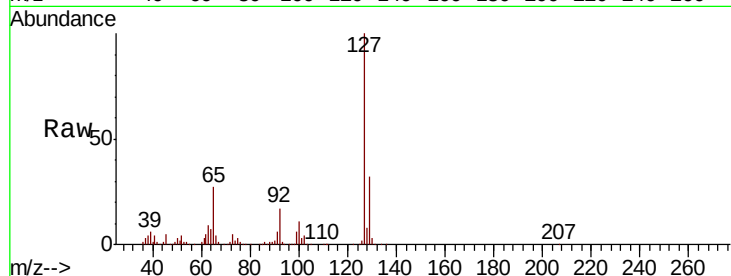




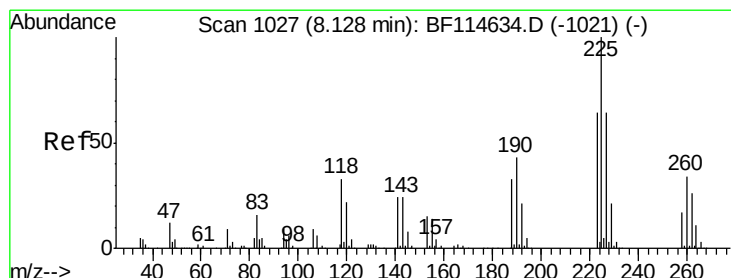
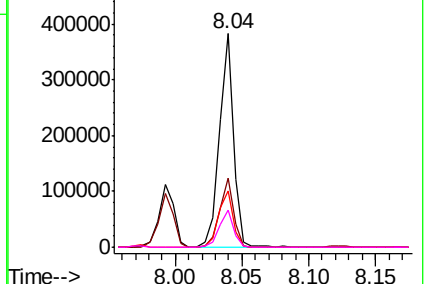
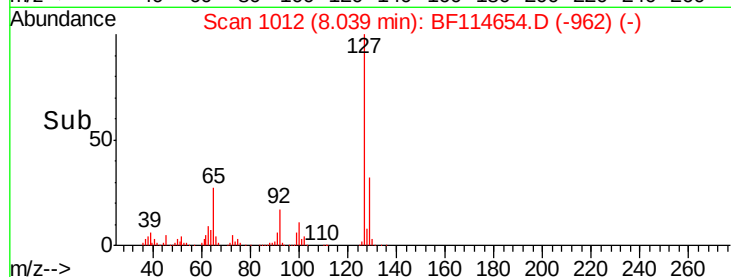
#33  
4-Chloroaniline  
Concen: 8.262 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 288054 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 26.7  | 40.1   |
| 65       | 26.6  | 22.5  | 33.7   |
| 92       | 17.2  | 14.6  | 22.0   |

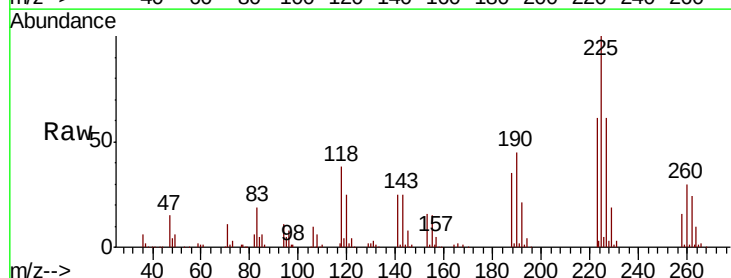


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

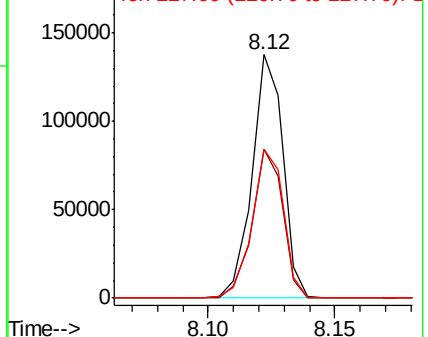
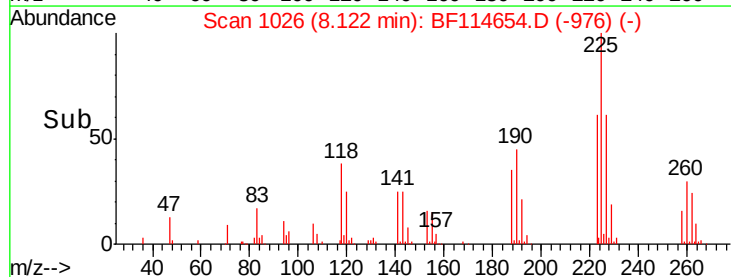


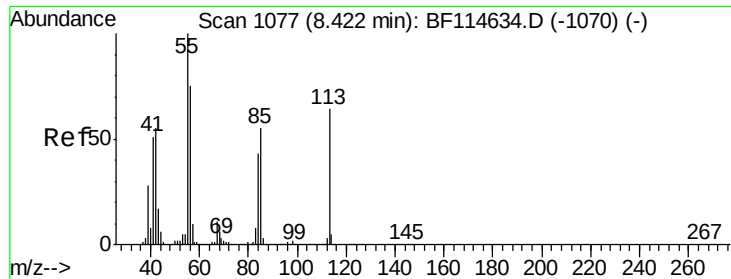
#34  
Hexachlorobutadiene  
Concen: 8.288 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 116920 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.9  | 50.9  | 76.3   |
| 227      | 61.0  | 51.3  | 76.9   |



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

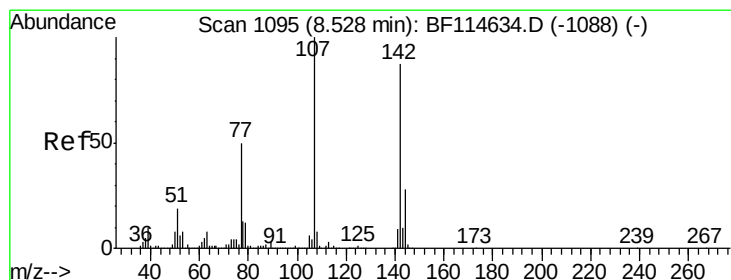
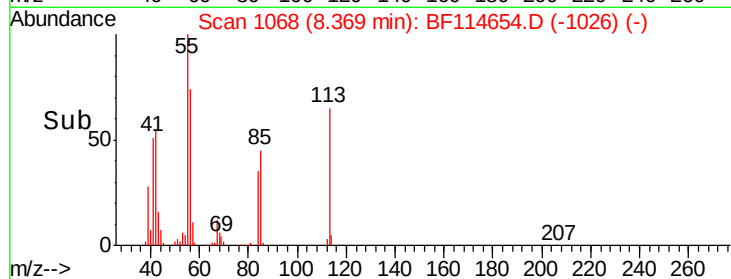
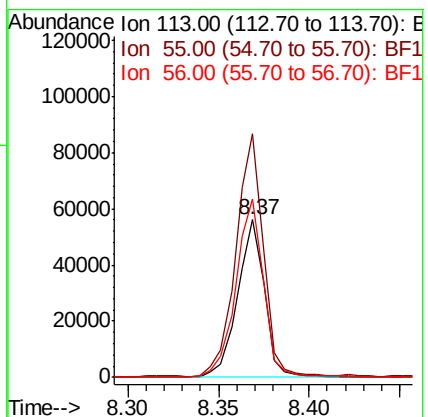
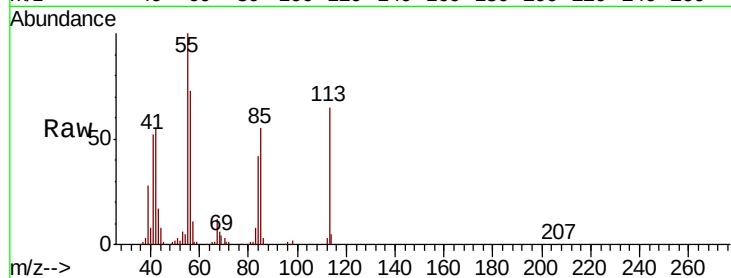




#35  
 Caprolactam  
 Concen: 7.669 ng  
 RT: 8.37 min Scan# 1068  
 Delta R.T. -0.05 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

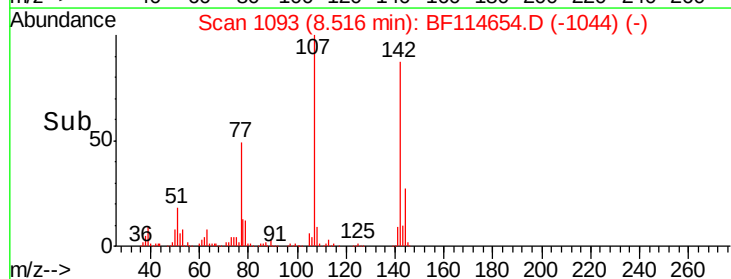
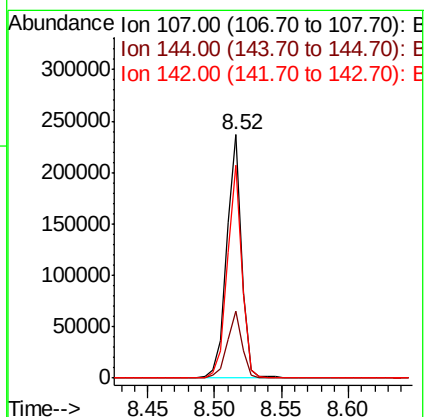
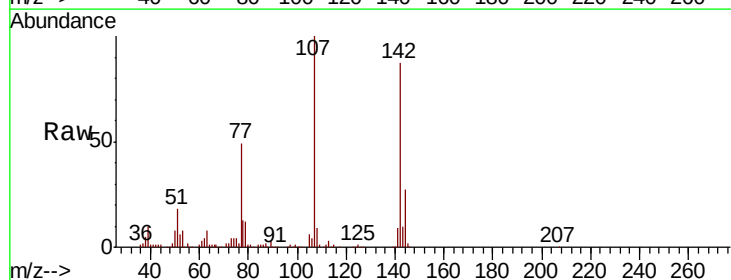
Instrument :  
 BNA\_F  
 ClientSampleId :

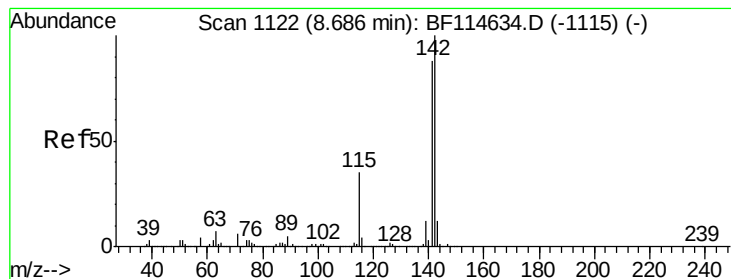
Tot Ion:113 Resp: 57688  
 Ion Ratio Lower Upper  
 113 100  
 55 154.8 136.4 176.4  
 56 113.5 97.0 137.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 8.423 ng  
 RT: 8.52 min Scan# 1093  
 Delta R.T. -0.01 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

Tgt Ion:107 Resp: 188271  
 Ion Ratio Lower Upper  
 107 100  
 144 27.3 22.5 33.7  
 142 87.2 69.8 104.6





#37

2-Methylnaphthalene

Concen: 9.700 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampleId :

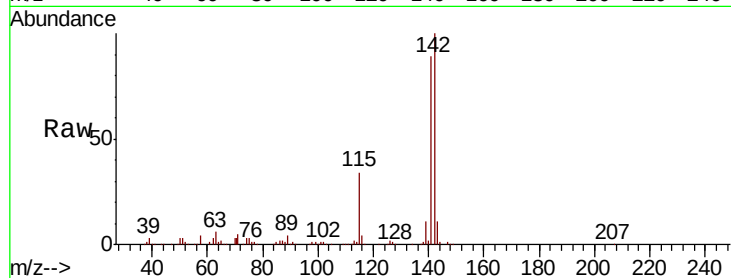
Tot Ion:142 Resp: 471612

Ion Ratio Lower Upper

142 100

141 88.8 70.3 105.5

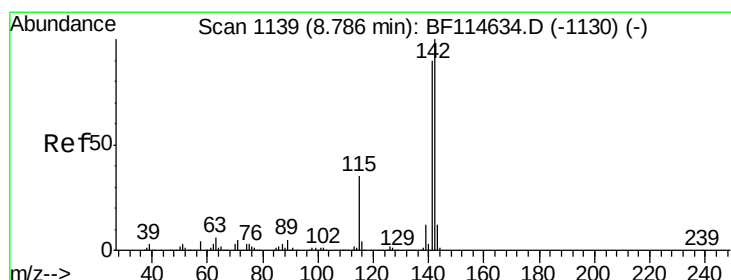
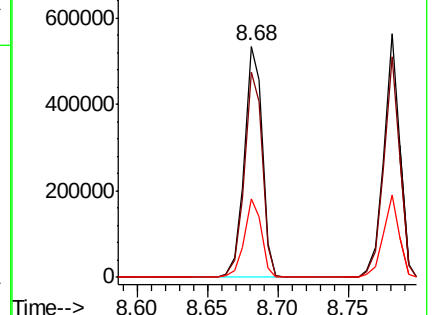
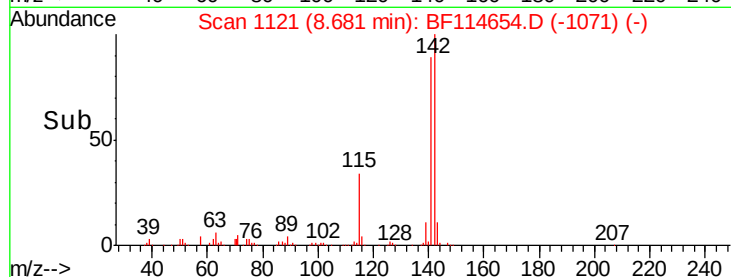
115 33.7 28.0 42.0



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: 9.603 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

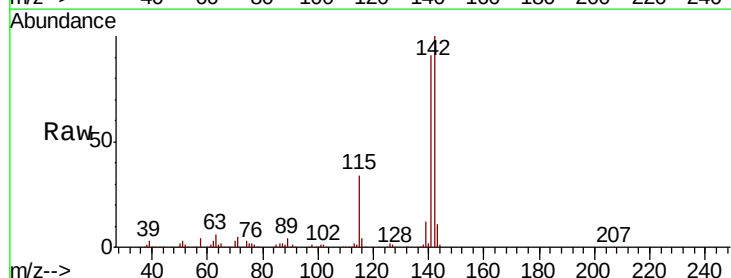
Tgt Ion:142 Resp: 442388

Ion Ratio Lower Upper

142 100

141 90.5 72.3 108.5

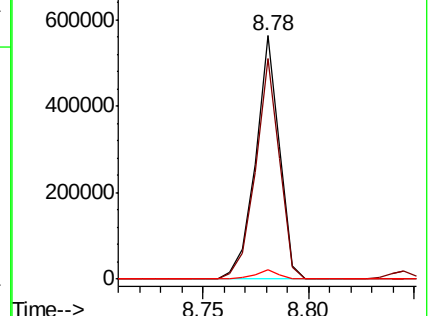
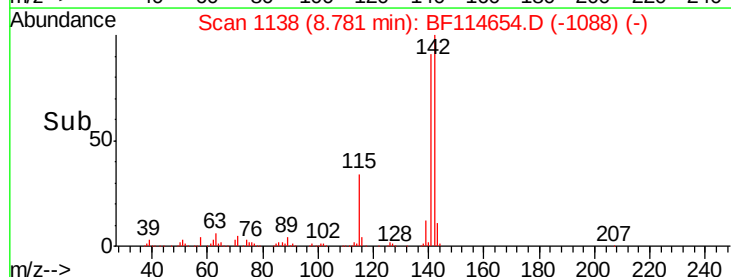
116 3.7 3.0 4.4

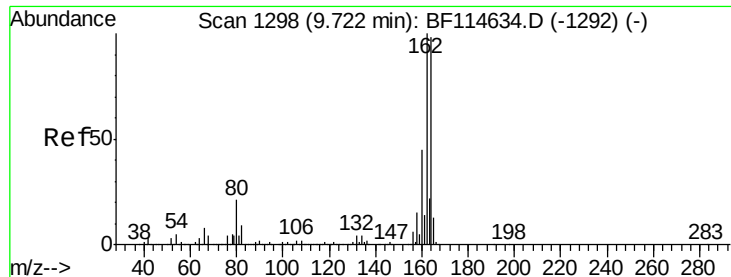


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

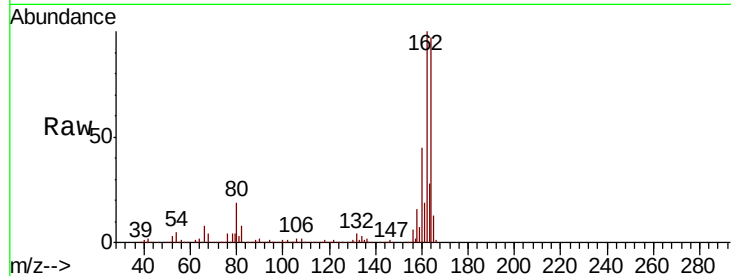




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.72 min Scan# 1298  
Delta R.T. 0.00 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.1 | 81.4  | 122.2 |
| 160     | 46.7  | 36.6  | 54.8  |

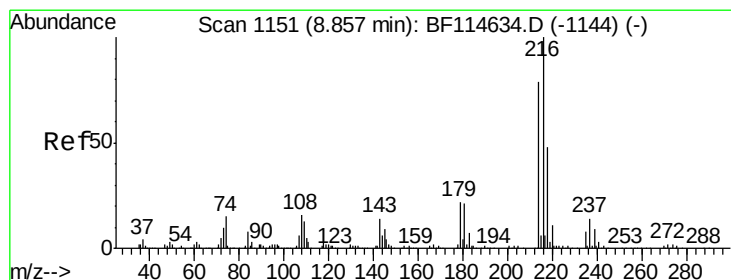
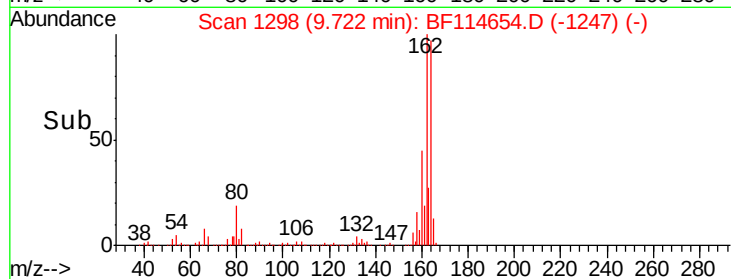
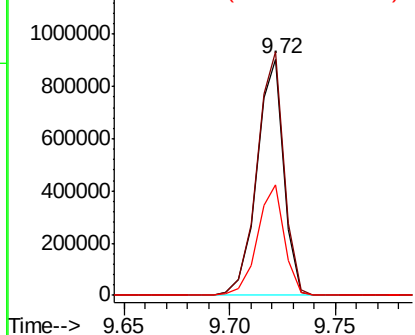


Abundance

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: 9.457 ng  
RT: 8.85 min Scan# 1150  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.4  | 63.2  | 94.8  |
| 179     | 22.0  | 17.9  | 26.9  |
| 108     | 19.6  | 15.8  | 23.8  |

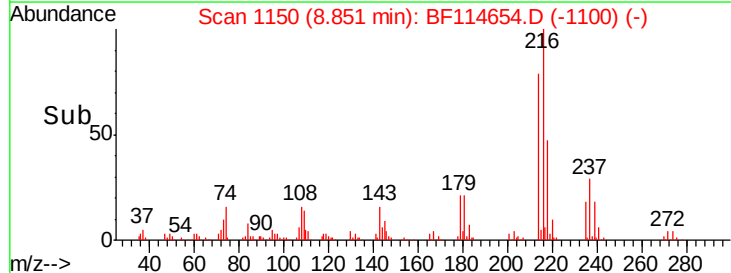
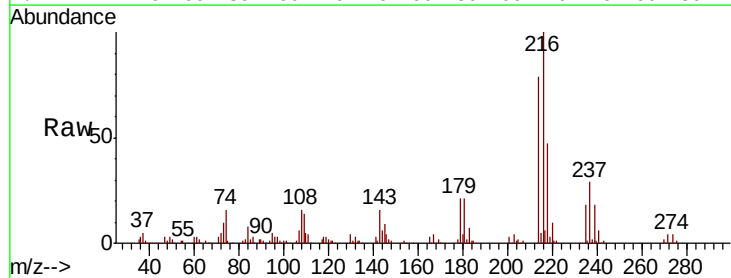
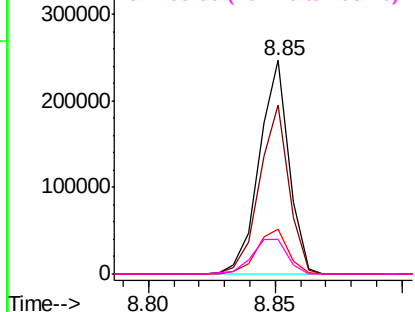
Abundance

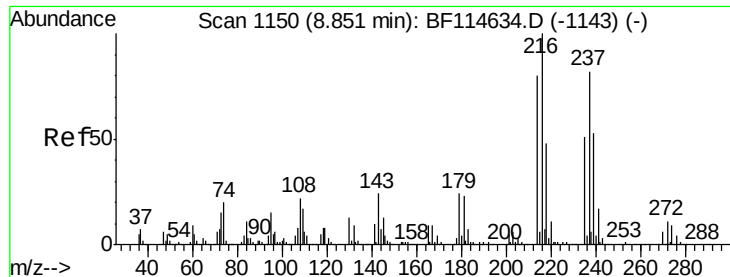
Ion 216.00 (215.70 to 216.70): E

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

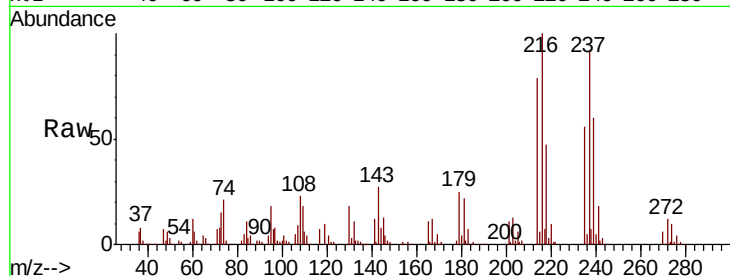




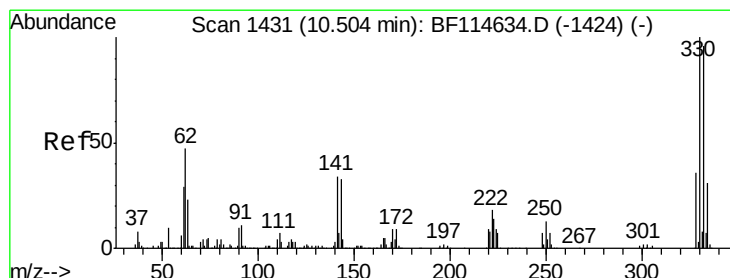
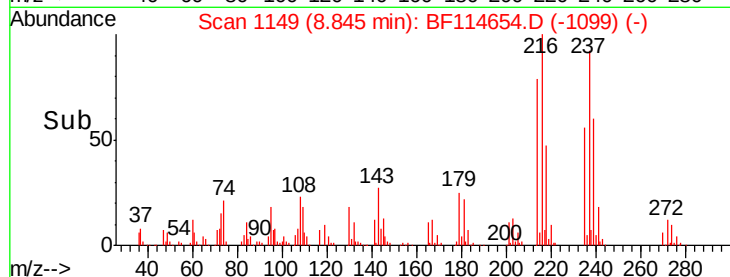
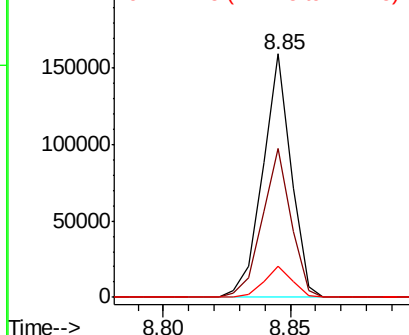
#41  
Hexachlorocyclopentadiene  
Concen: 8.829 ng  
RT: 8.85 min Scan# 1149  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:237 Resp: 124029  
Ion Ratio Lower Upper  
237 100  
235 61.3 42.8 82.8  
272 12.8 0.0 33.7

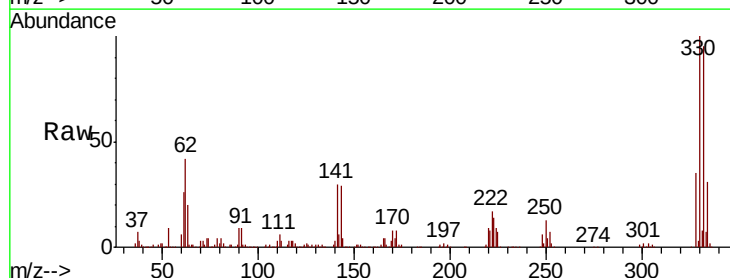


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

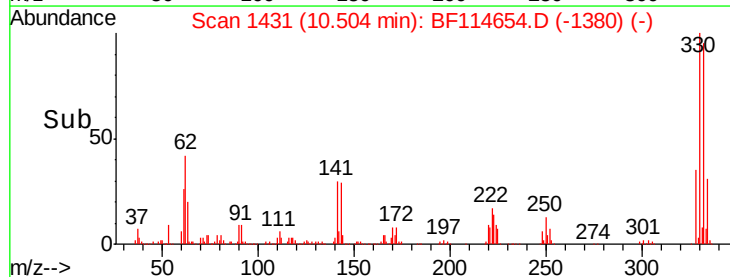
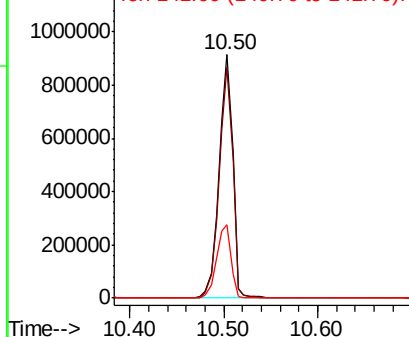


#42  
2,4,6-Tribromophenol  
Concen: 122.472 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. 0.00 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

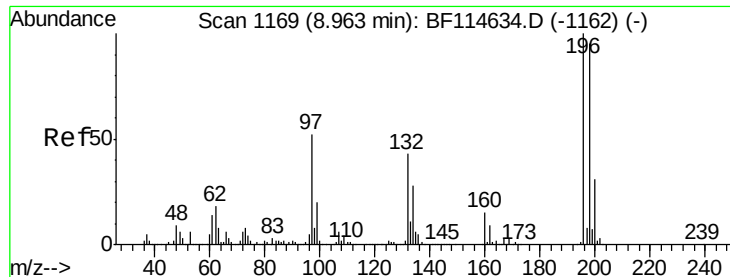
Tgt Ion:330 Resp: 931538  
Ion Ratio Lower Upper  
330 100  
332 94.5 75.8 113.8  
141 32.4 27.8 41.8



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



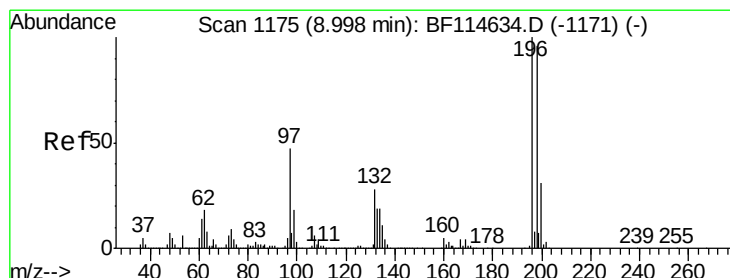
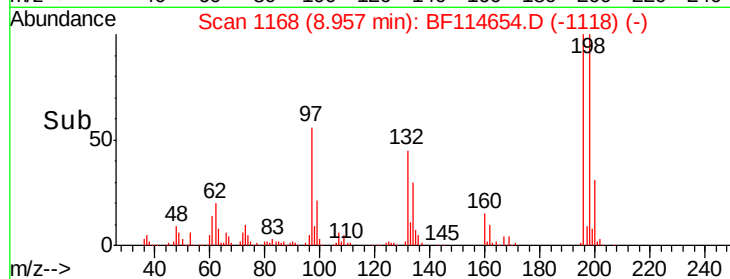
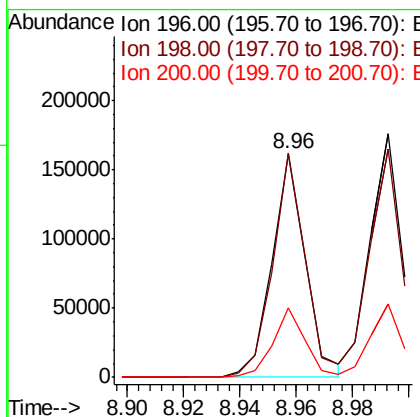
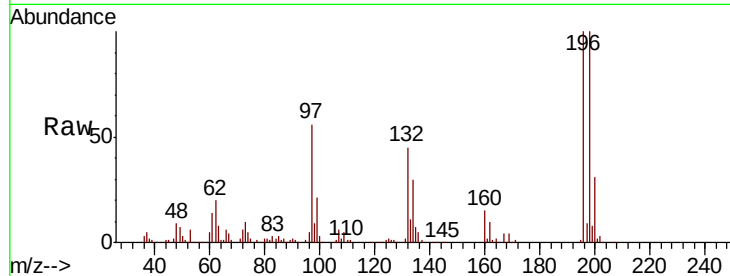




#43  
 2,4,6-Trichlorophenol  
 Concen: 7.918 ng  
 RT: 8.96 min Scan# 1168  
 Delta R.T. -0.01 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

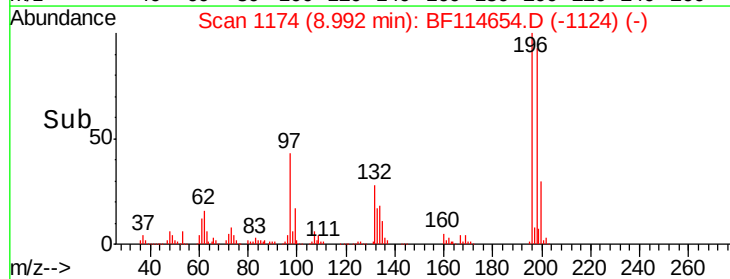
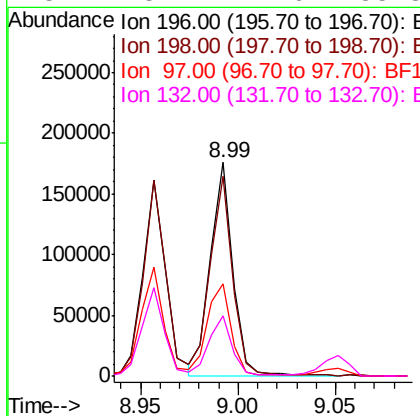
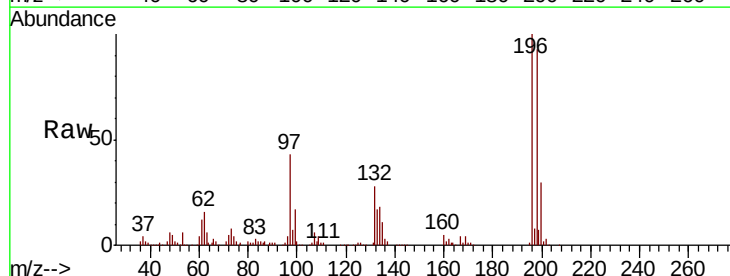
Instrument :  
 BNA\_F  
 ClientSampleId :

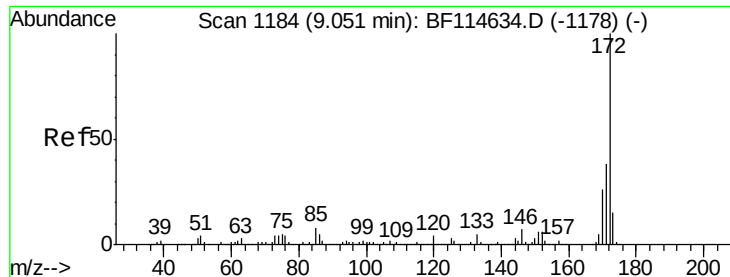
Tot Ion:196 Resp: 132436  
 Ion Ratio Lower Upper  
 196 100  
 198 100.0 76.1 114.1  
 200 31.0 24.7 37.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 8.406 ng  
 RT: 8.99 min Scan# 1174  
 Delta R.T. -0.01 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

Tgt Ion:196 Resp: 140302  
 Ion Ratio Lower Upper  
 196 100  
 198 93.5 76.8 115.2  
 97 43.2 37.8 56.8  
 132 28.1 22.6 33.8



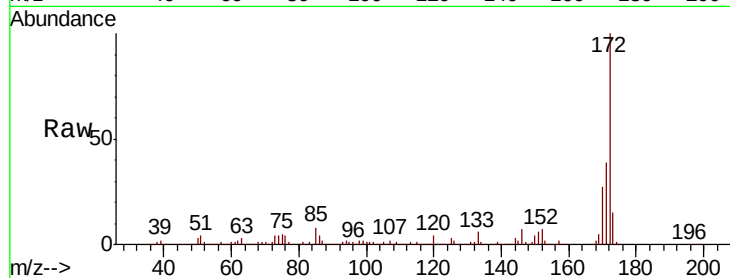


#45  
 2-Fluorobiphenyl  
 Concen: 70.983 ng  
 RT: 9.05 min Scan# 1184  
 Delta R.T. 0.00 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

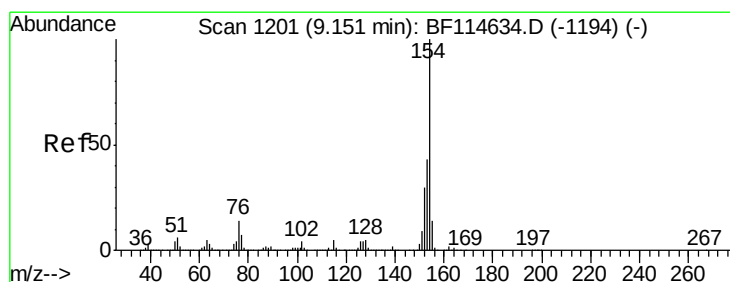
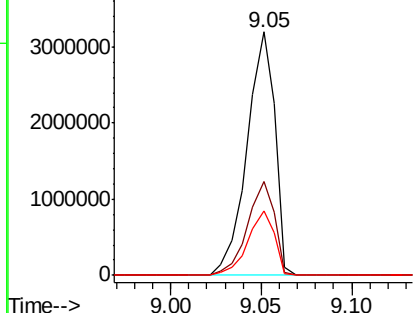
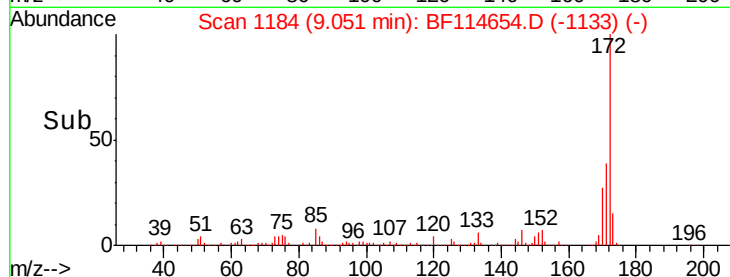
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:172 Resp: 3410546  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 38.8  | 30.6  | 45.8  |
| 170 | 26.6  | 20.7  | 31.1  |



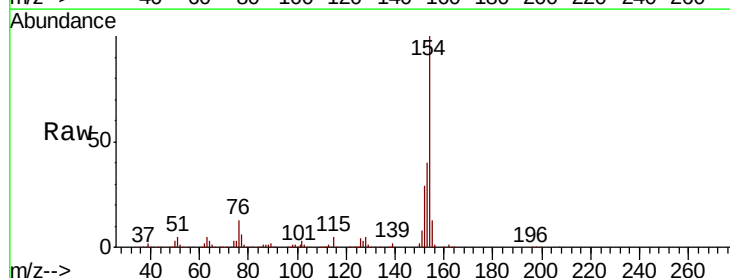
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



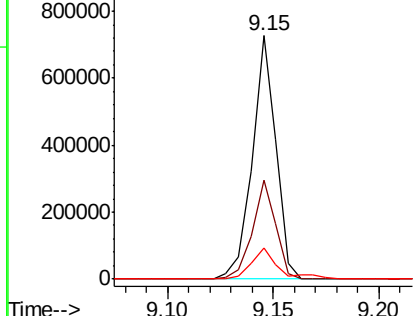
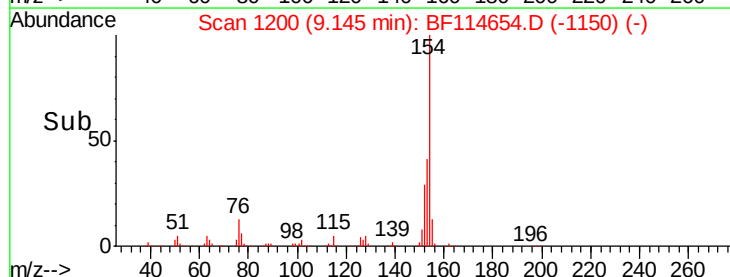
#46  
 1,1'-Biphenyl  
 Concen: 9.535 ng  
 RT: 9.15 min Scan# 1200  
 Delta R.T. -0.01 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

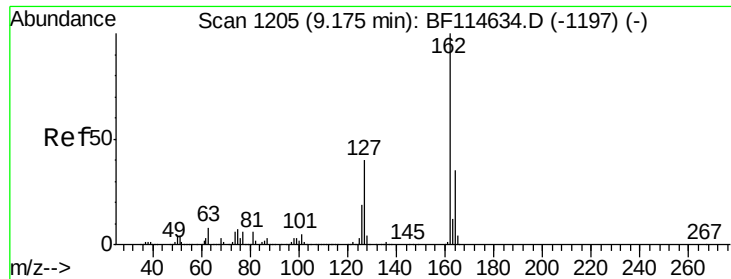
Tgt Ion:154 Resp: 565020  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.5  | 23.0  | 63.0  |
| 76  | 12.9  | 0.0   | 33.9  |



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

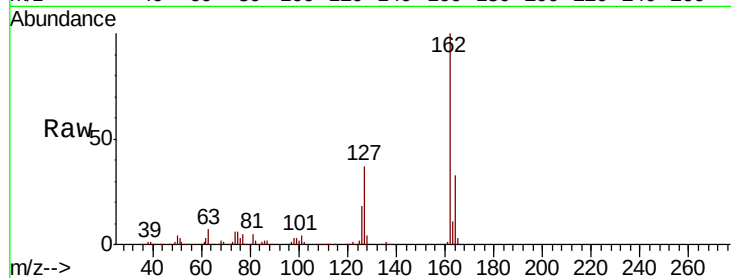




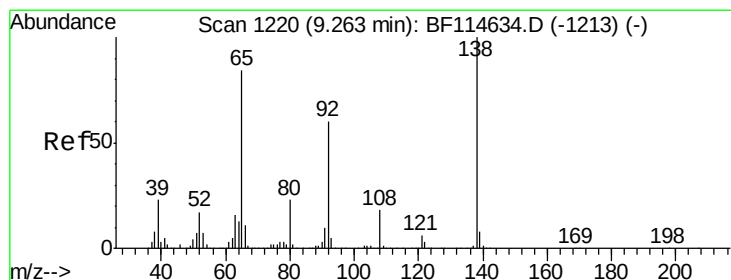
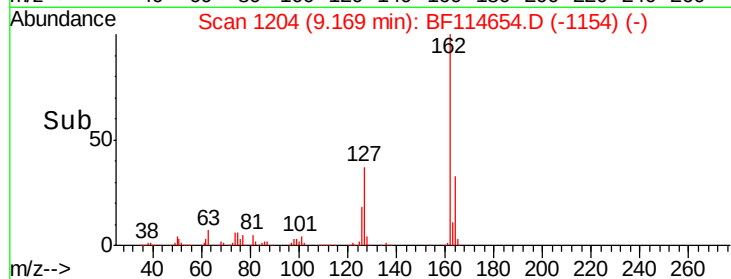
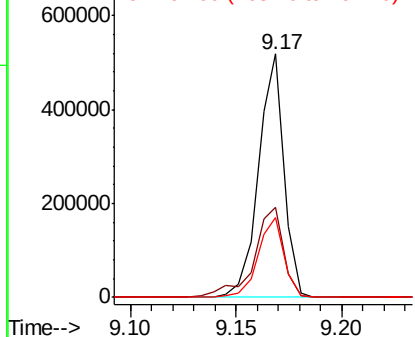
#47  
2-Chloronaphthalene  
Concen: 8.927 ng  
RT: 9.17 min Scan# 1204  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.1  | 32.2  | 48.2  |
| 164     | 32.7  | 27.8  | 41.6  |

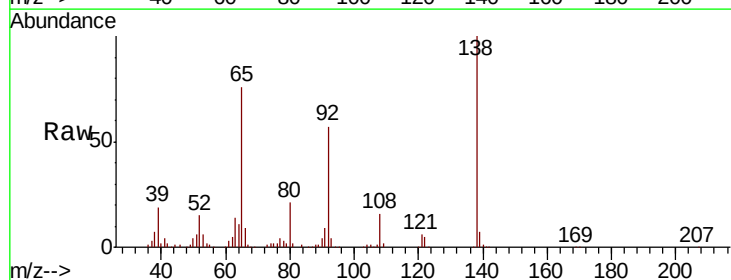


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

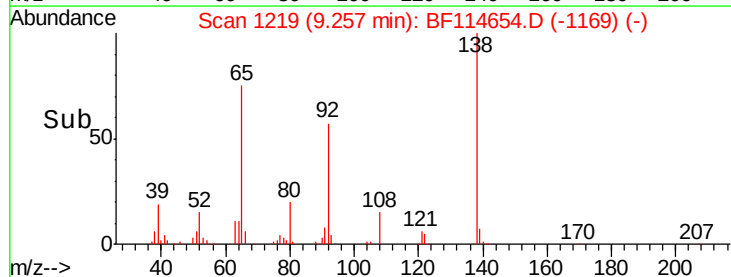
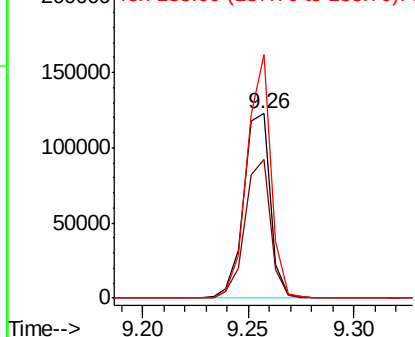


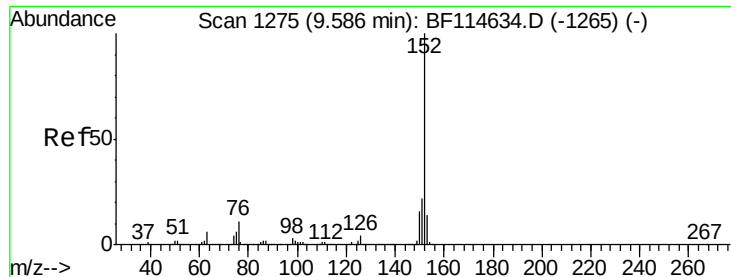
#48  
2-Nitroaniline  
Concen: 7.165 ng  
RT: 9.26 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 75.2  | 57.1  | 85.7  |
| 138     | 131.9 | 95.8  | 143.6 |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 9.248 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampled :

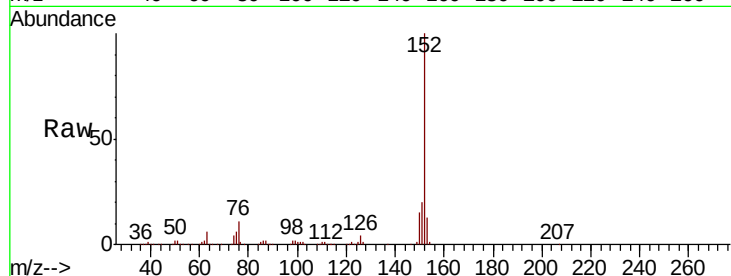
Tot Ion:152 Resp: 694449

Ion Ratio Lower Upper

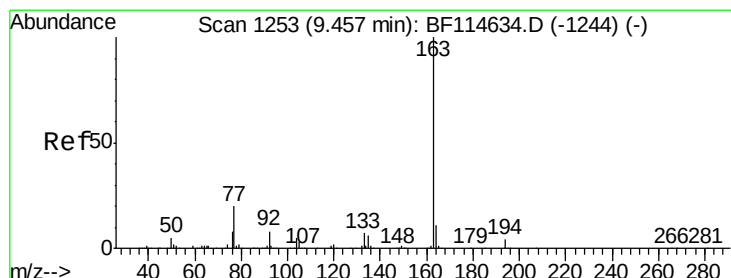
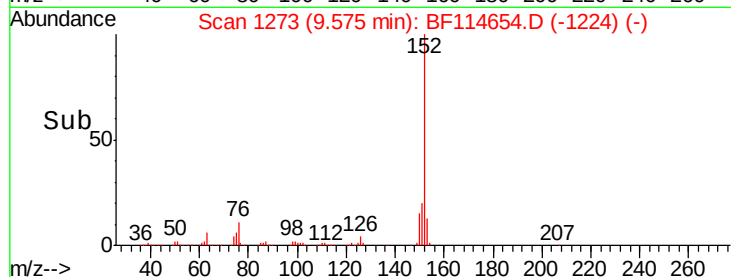
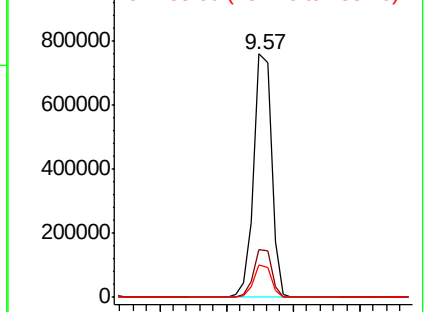
152 100

151 19.7 17.5 26.3

153 13.3 11.6 17.4



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: 8.721 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

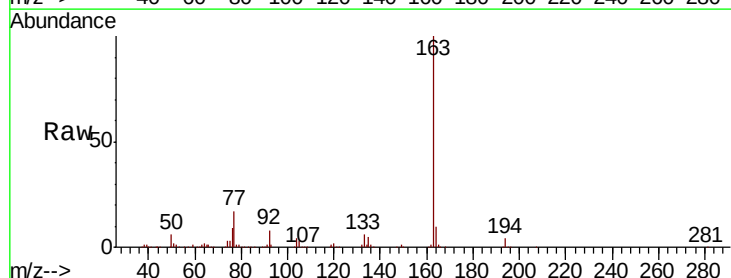
Tgt Ion:163 Resp: 485117

Ion Ratio Lower Upper

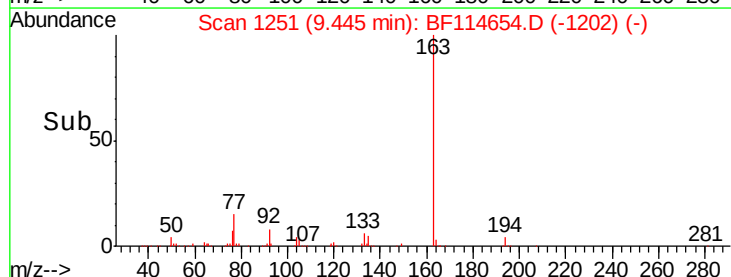
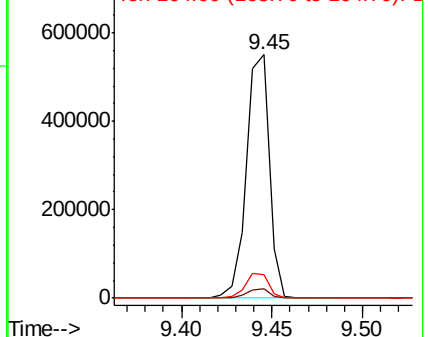
163 100

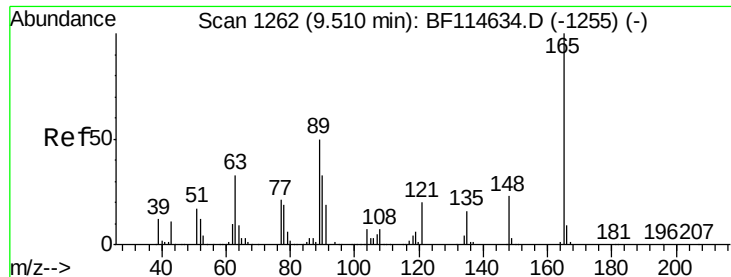
194 4.0 3.4 5.0

164 9.8 8.6 13.0



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

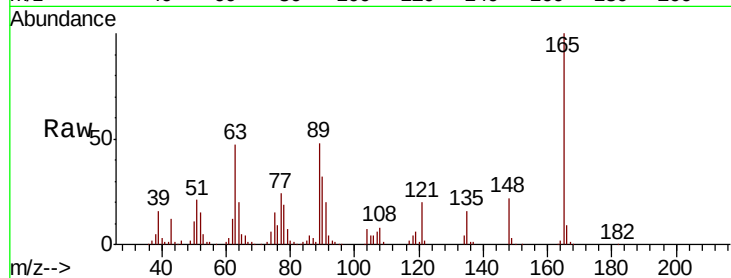




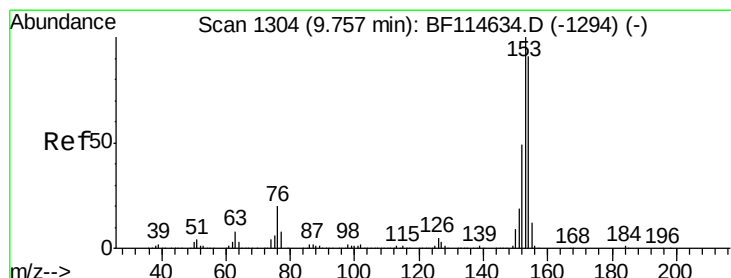
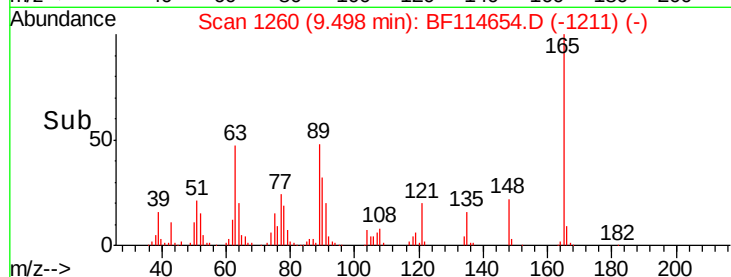
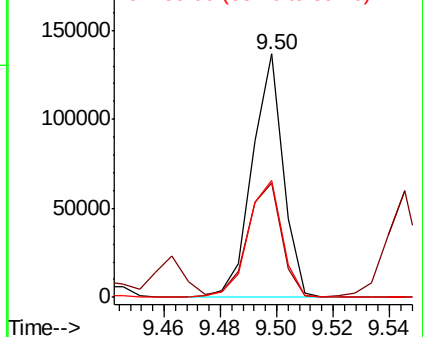
#51  
 2,6-Dinitrotoluene  
 Concen: 8.068 ng  
 RT: 9.50 min Scan# 1260  
 Delta R.T. -0.01 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:165 Resp: 104273  
 Ion Ratio Lower Upper  
 165 100  
 63 46.8 36.6 54.8  
 89 47.8 40.2 60.4

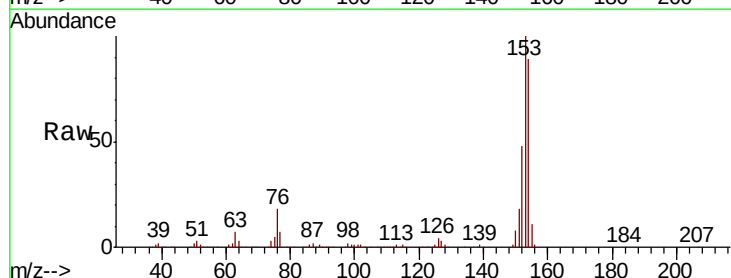


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

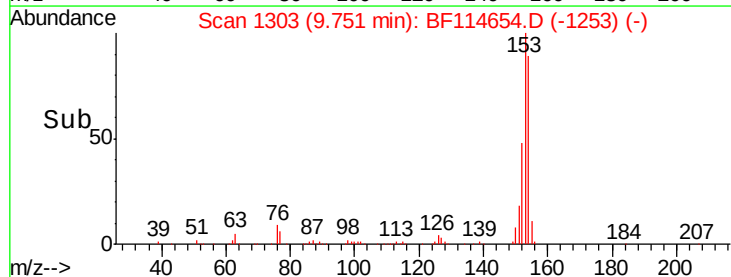
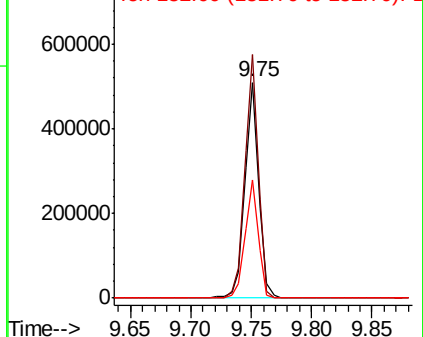


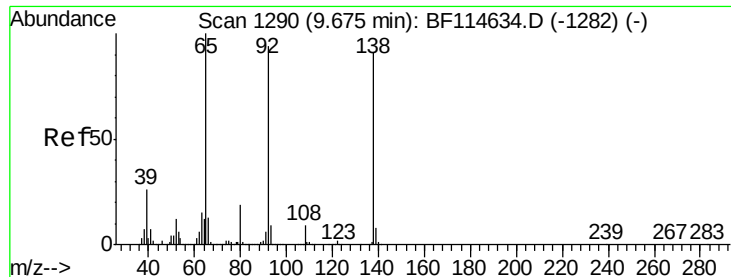
#52  
 Acenaphthene  
 Concen: 8.934 ng  
 RT: 9.75 min Scan# 1303  
 Delta R.T. -0.01 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

Tgt Ion:154 Resp: 411430  
 Ion Ratio Lower Upper  
 154 100  
 153 112.8 88.4 132.6  
 152 54.6 43.4 65.0



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

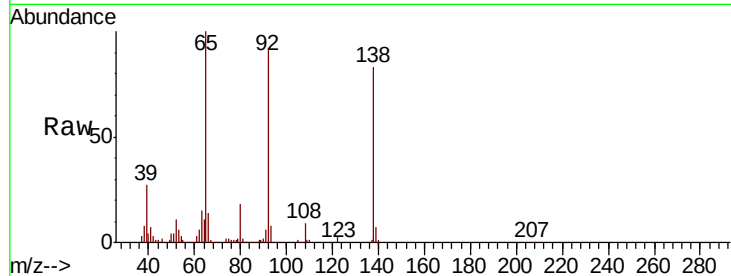




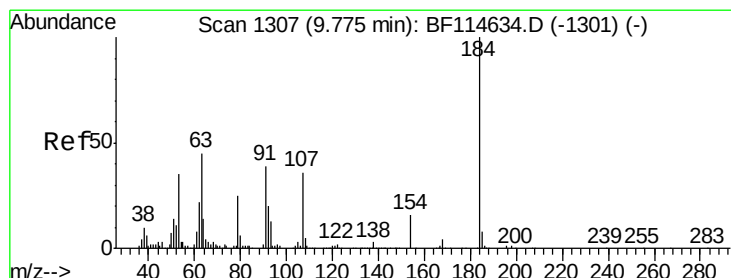
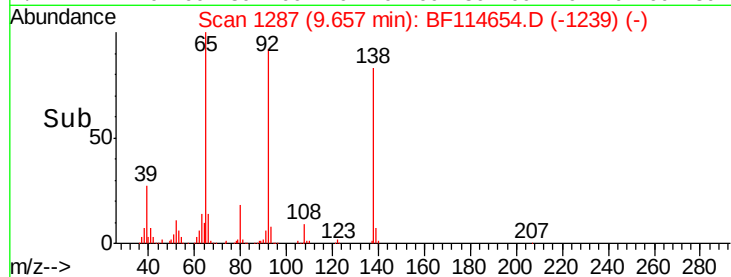
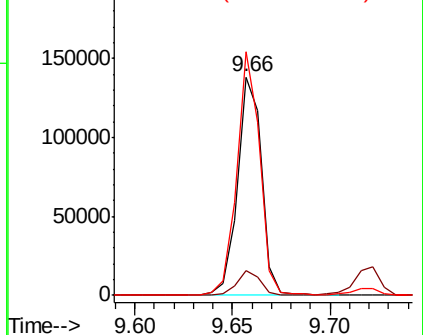
#53  
3-Nitroaniline  
Concen: 7.472 ng  
RT: 9.66 min Scan# 1287  
Delta R.T. -0.02 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 118203  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.3 12.5  
92 111.5 83.1 124.7

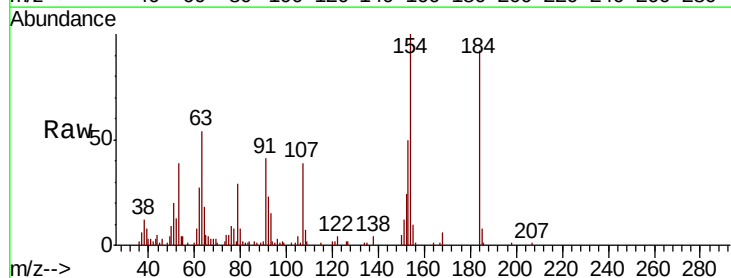


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

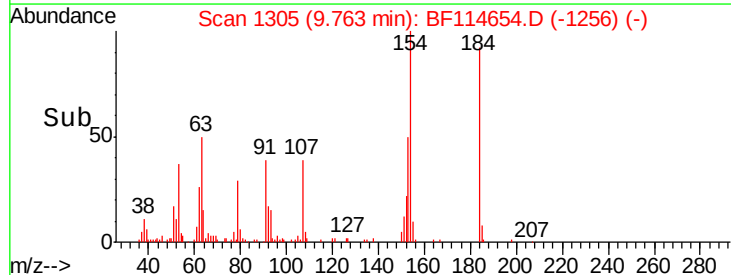
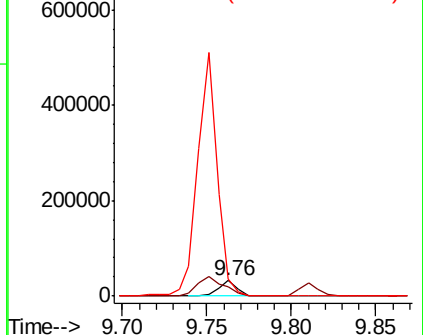


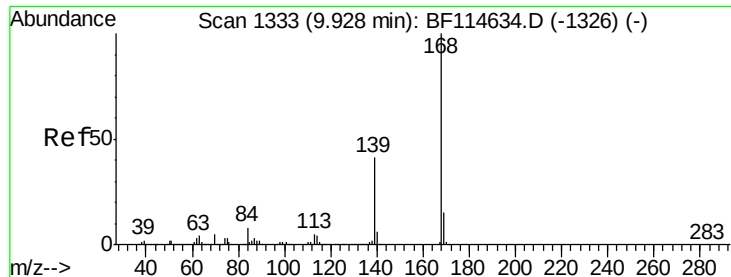
#54  
2,4-Dinitrophenol  
Concen: 4.953 ng  
RT: 9.76 min Scan# 1305  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Tgt Ion:184 Resp: 25249  
Ion Ratio Lower Upper  
184 100  
63 59.3 38.8 58.2#  
154 109.0 43.7 65.5#



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

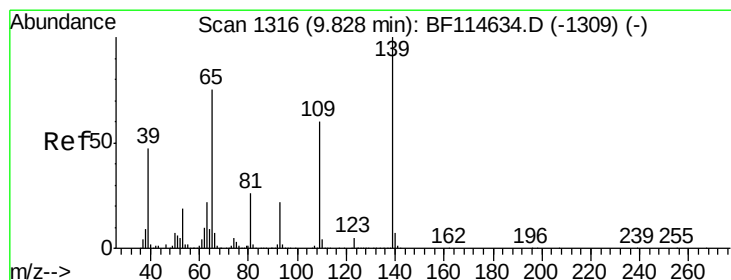
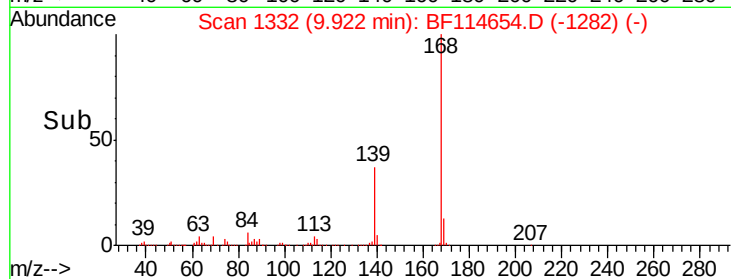
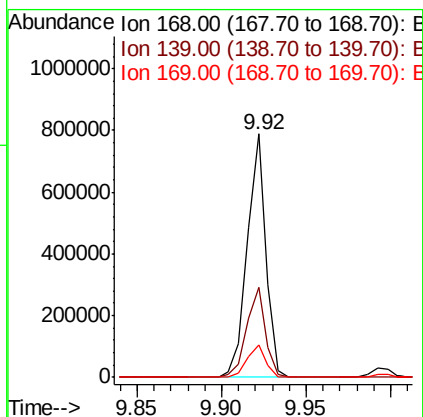
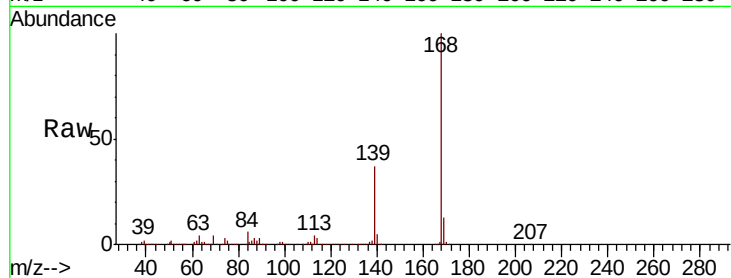




#55  
Dibenzofuran  
Concen: 9.321 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

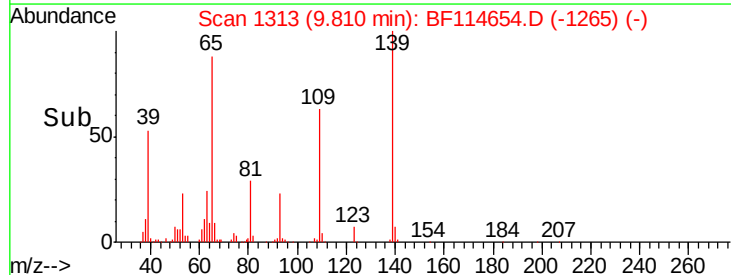
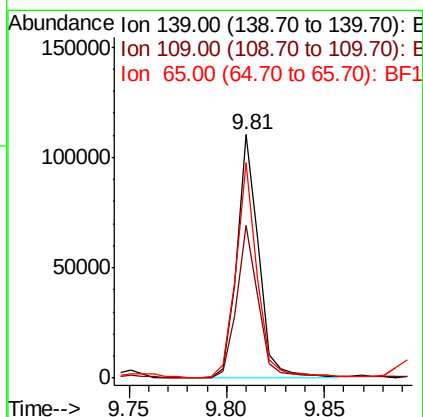
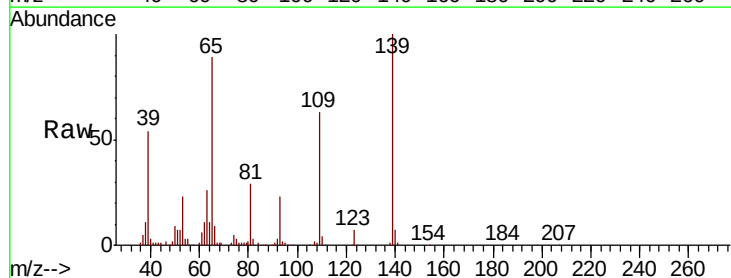
Instrument :  
BNA\_F  
ClientSampled :

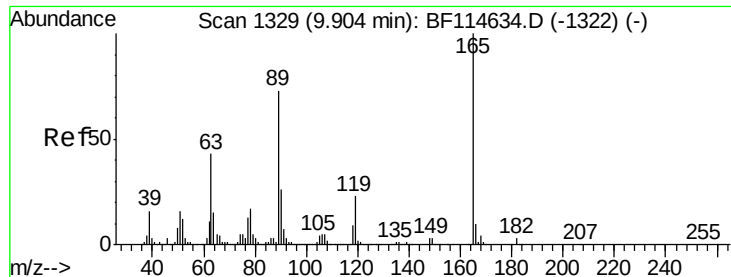
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.8  | 32.6  | 48.8  |
| 169     | 13.2  | 11.8  | 17.8  |



#56  
4-Nitrophenol  
Concen: 7.298 ng  
RT: 9.81 min Scan# 1313  
Delta R.T. -0.02 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 62.7  | 40.4  | 80.4  |
| 65      | 88.6  | 54.7  | 94.7  |

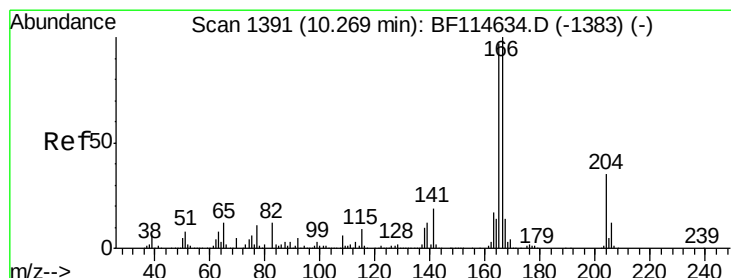
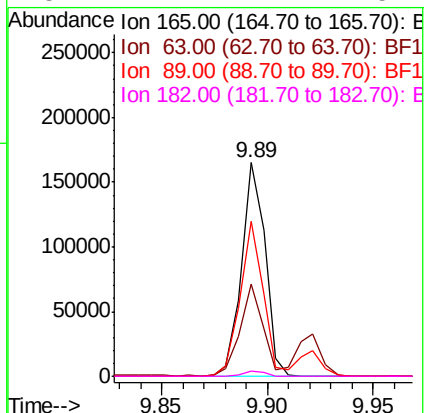
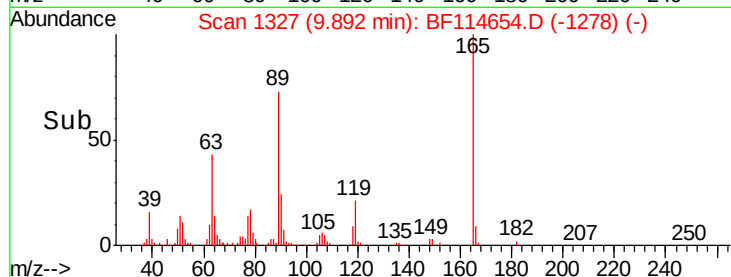
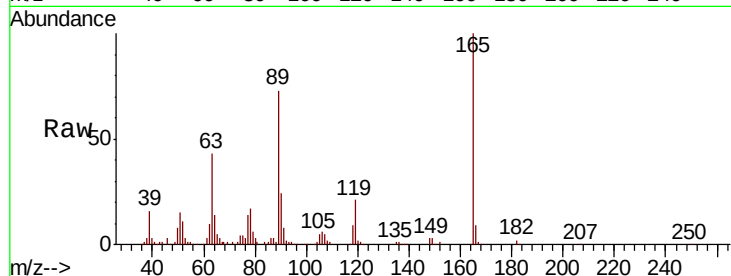




#57  
2,4-Dinitrotoluene  
Concen: 7.686 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

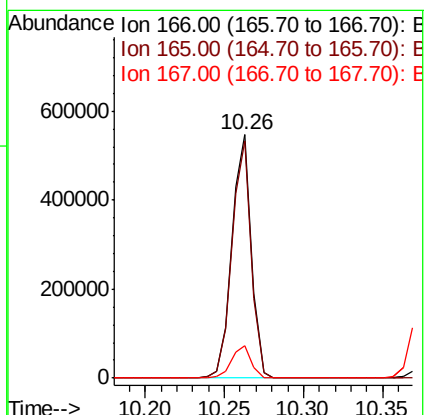
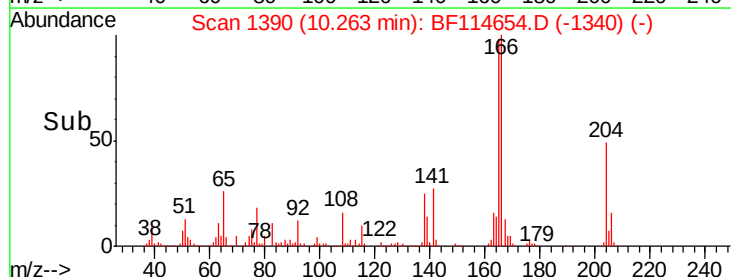
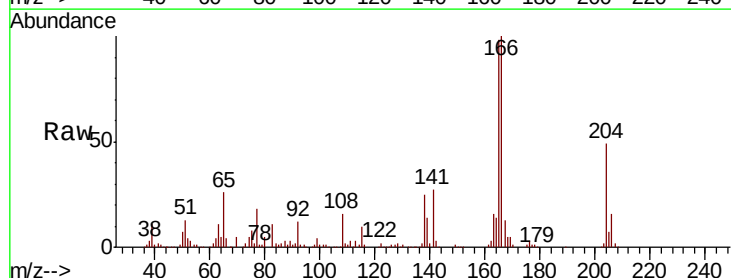
Instrument :  
BNA\_F  
ClientSampled :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 127501    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 42.9  | 34.8 52.2 |
| 89          | 72.5  | 58.5 87.7 |
| 182         | 2.4   | 2.2 3.2   |

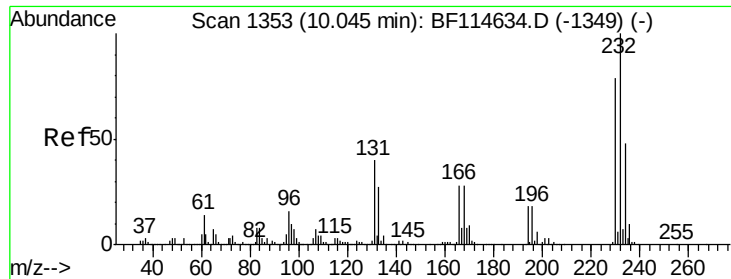


#58  
Fluorene  
Concen: 10.496 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 464571     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 97.5  | 77.6 116.4 |
| 167         | 13.1  | 11.2 16.8  |



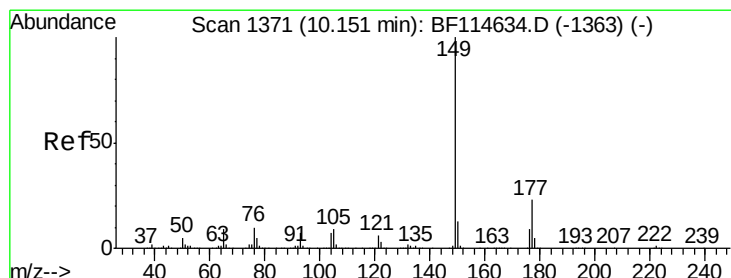
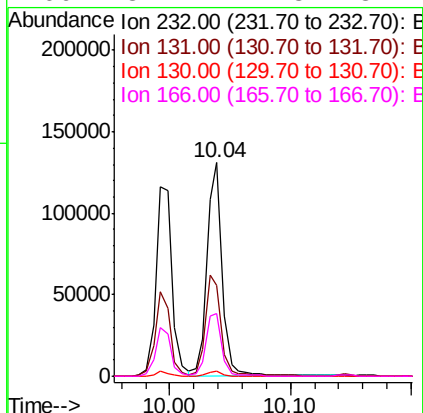
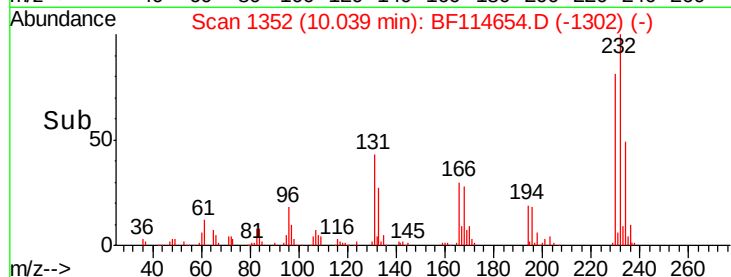
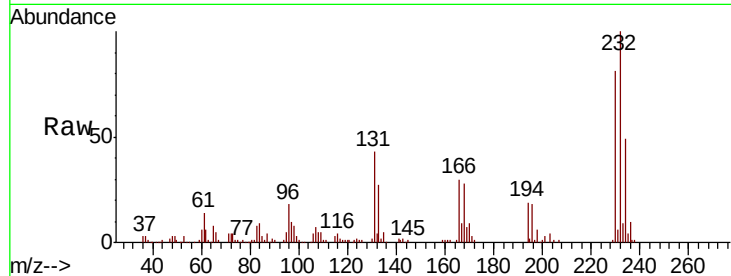




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 8.305 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

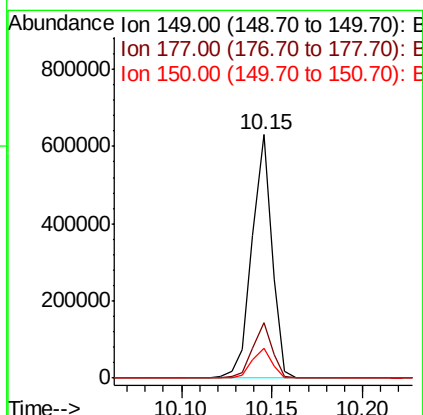
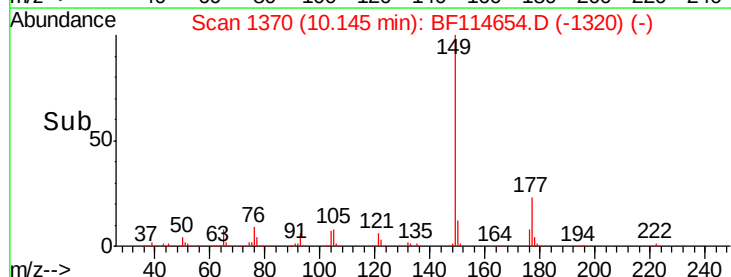
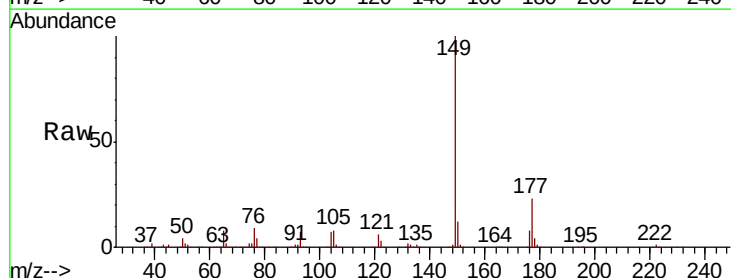
Instrument :  
BNA\_F  
ClientSampleId :

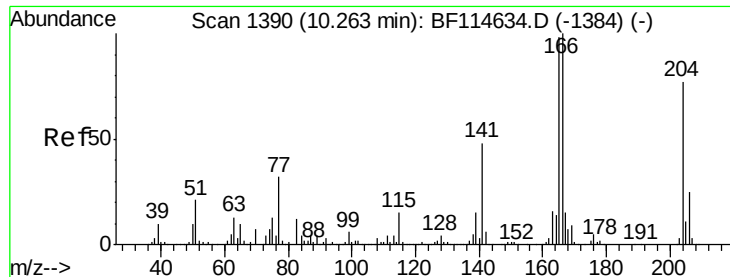
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 113468 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 49.8  | 37.2  | 55.8   |
| 130      | 2.2   | 1.8   | 2.8    |
| 166      | 31.2  | 24.8  | 37.2   |



#60  
Diethylphthalate  
Concen: 8.543 ng  
RT: 10.15 min Scan# 1370  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 485331 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.7  | 18.6  | 28.0   |
| 150      | 12.2  | 10.6  | 15.8   |

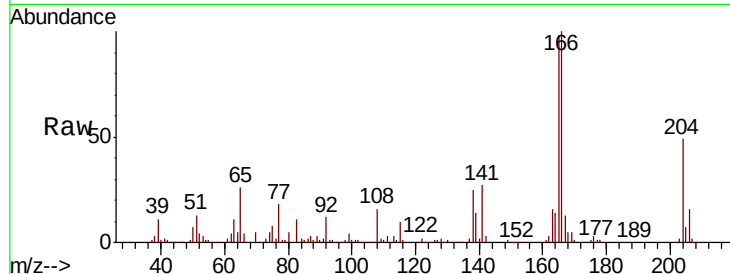




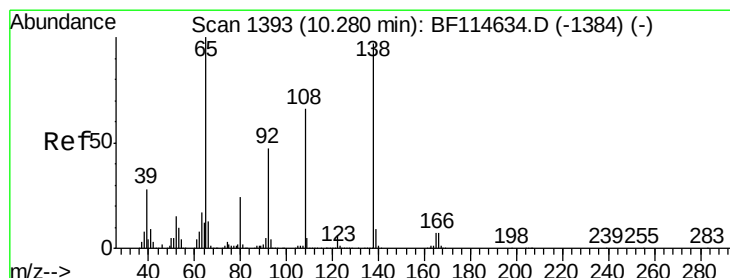
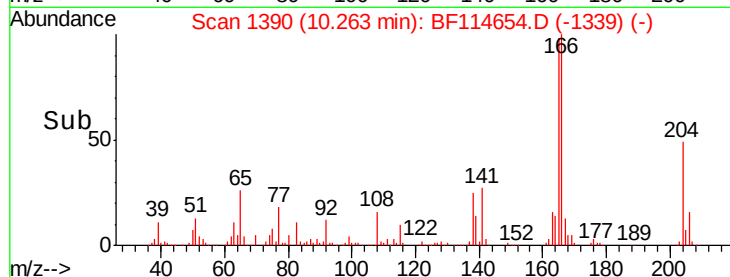
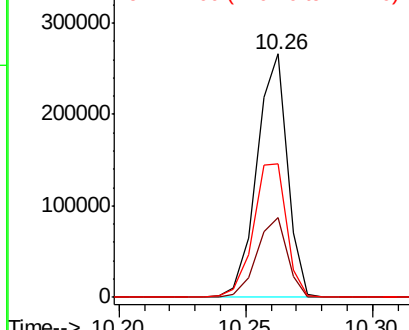
#61  
4-Chlorophenyl-phenylether  
Concen: 10.101 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. 0.00 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 26.4  | 39.6  |
| 141     | 55.0  | 50.0  | 75.0  |

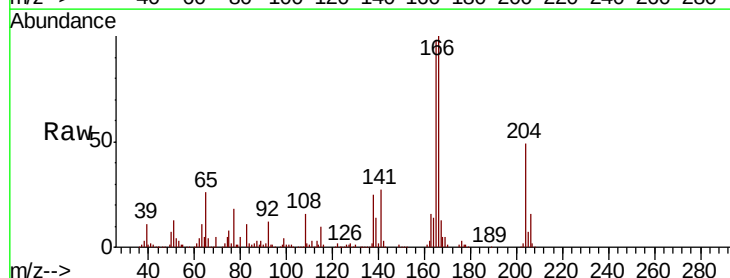


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

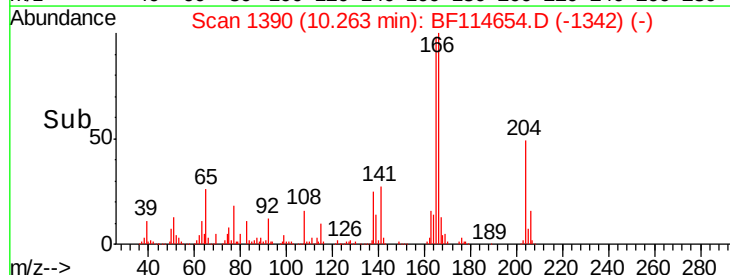
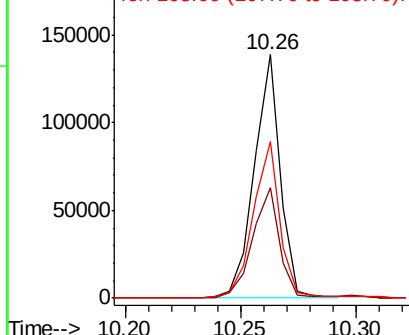


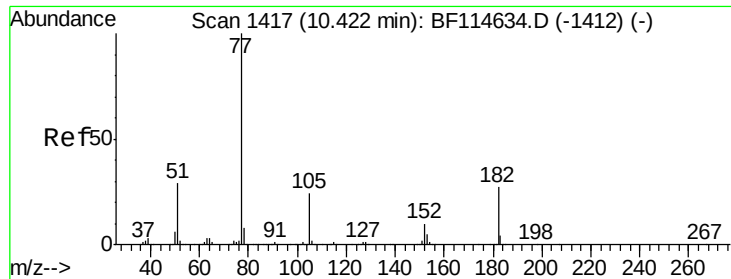
#62  
4-Nitroaniline  
Concen: 7.141 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. -0.02 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 45.5  | 28.0  | 68.0  |
| 108     | 64.3  | 48.4  | 88.4  |



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: 8.852 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 461717

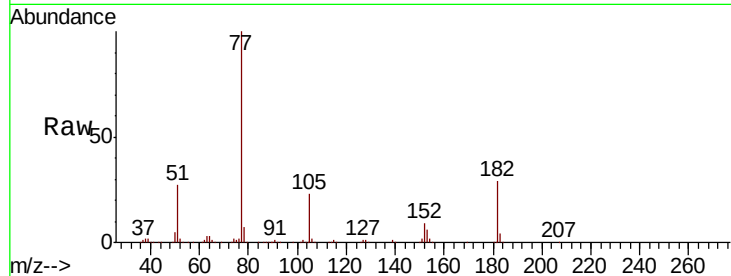
Ion Ratio Lower Upper

77 100

182 28.9 7.0 47.0

105 23.5 3.7 43.7

51 26.6 9.1 49.1

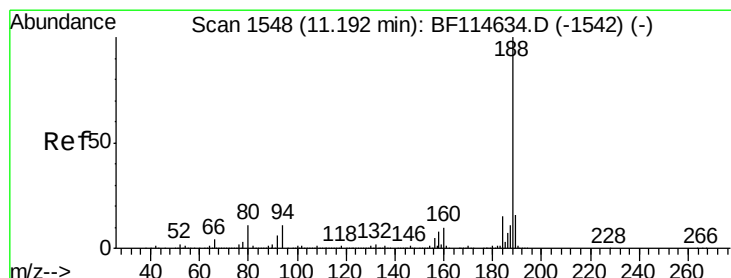
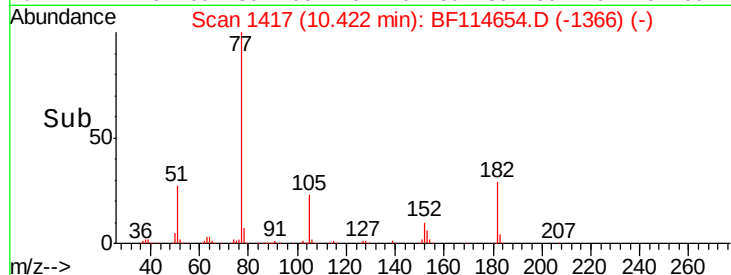
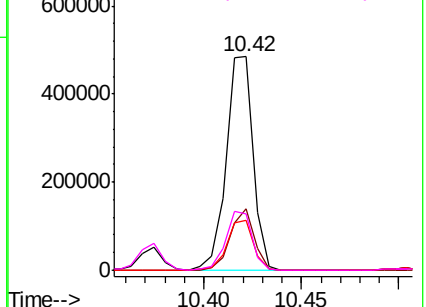


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

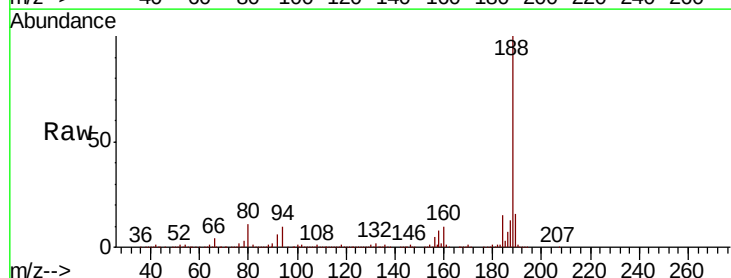
Tgt Ion: 188 Resp: 1518798

Ion Ratio Lower Upper

188 100

94 9.9 8.6 13.0

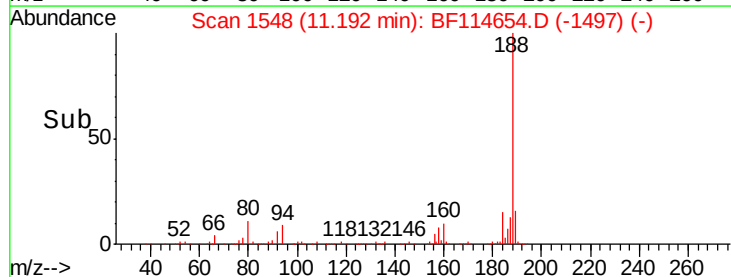
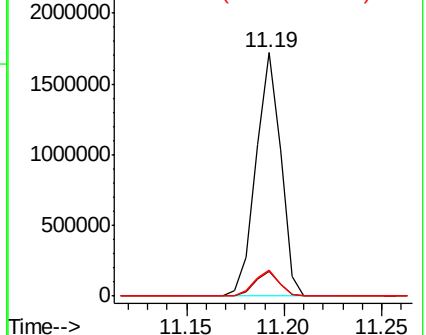
80 10.7 9.0 13.6

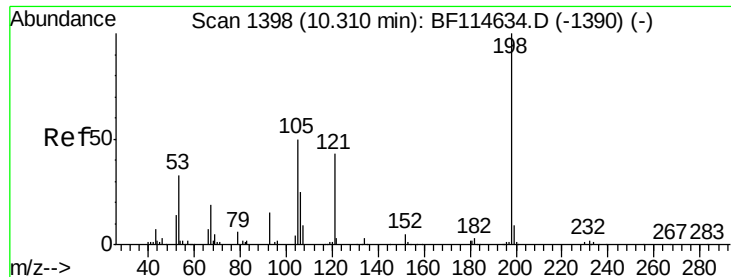


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

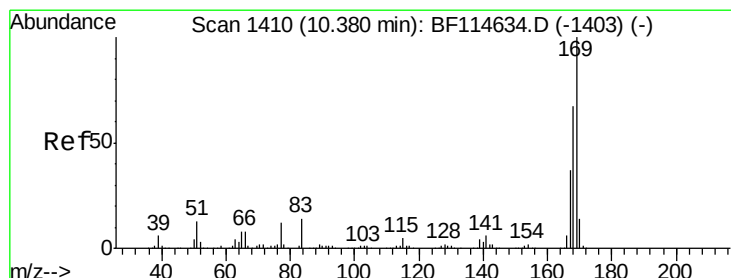
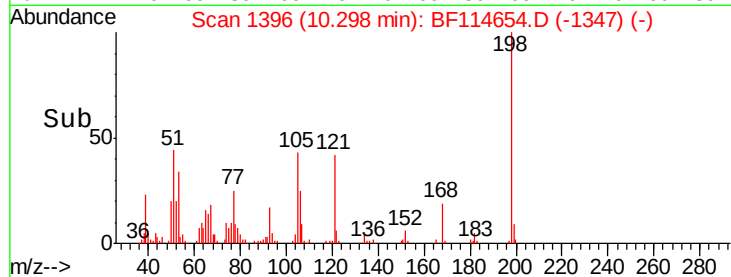
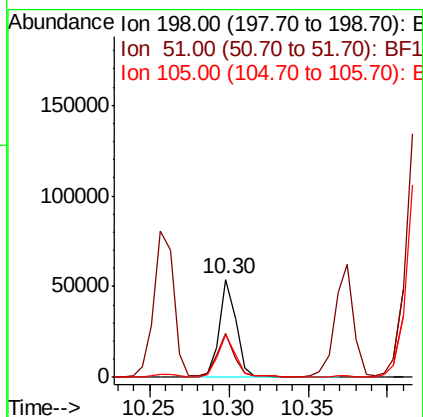
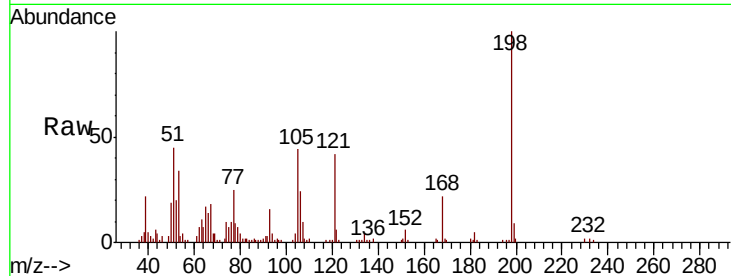




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.935 ng  
RT: 10.30 min Scan# 1396  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

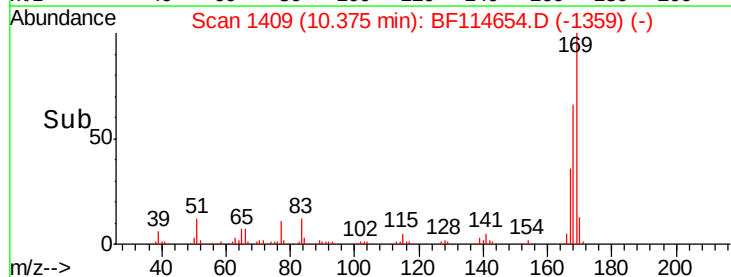
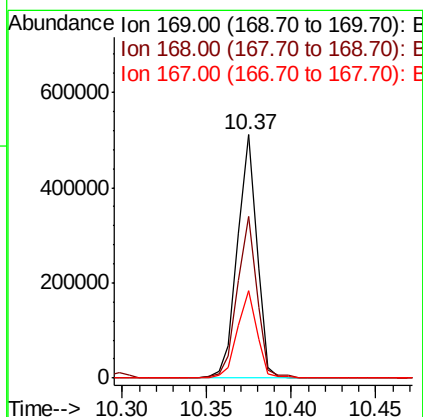
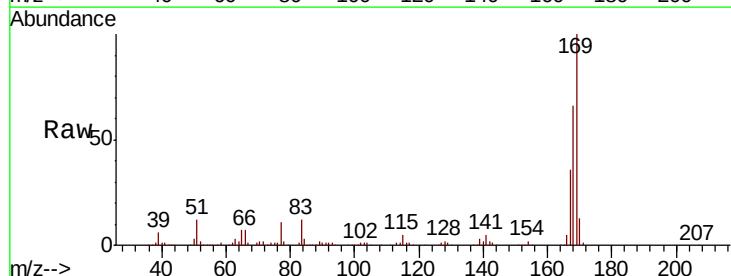
Instrument :  
BNA\_F  
ClientSampleId :

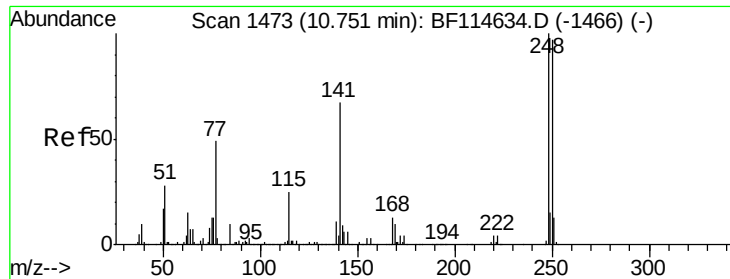
Tot Ion:198 Resp: 39971  
Ion Ratio Lower Upper  
198 100  
51 44.5 29.0 69.0  
105 43.6 30.4 70.4



#66  
n-Nitrosodiphenylamine  
Concen: 9.120 ng  
RT: 10.37 min Scan# 1409  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Tgt Ion:169 Resp: 409237  
Ion Ratio Lower Upper  
169 100  
168 66.2 53.8 80.8  
167 35.9 29.8 44.6

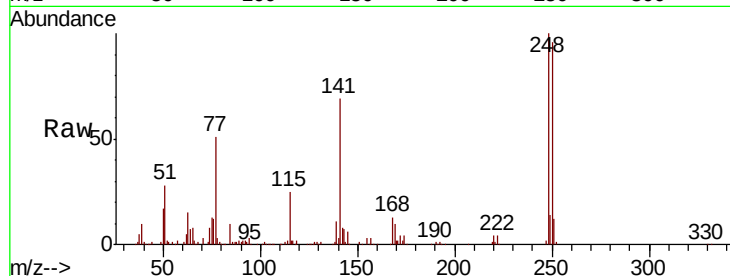




#67  
4-Bromophenyl-phenylether  
Concen: 8.536 ng  
RT: 10.75 min Scan# 1472  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.3  | 78.0  | 117.0 |
| 141     | 68.9  | 53.8  | 80.8  |

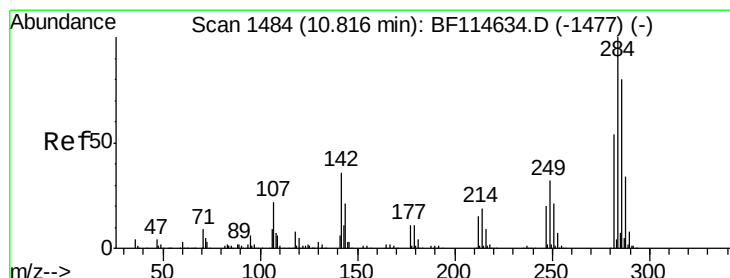
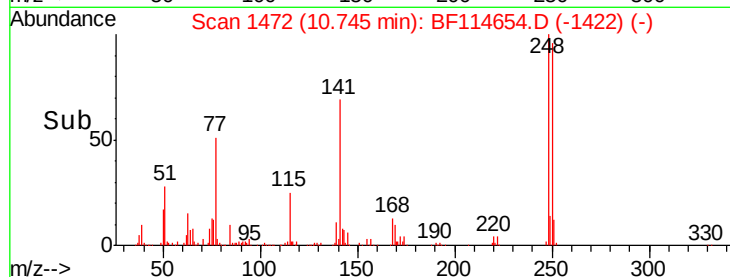
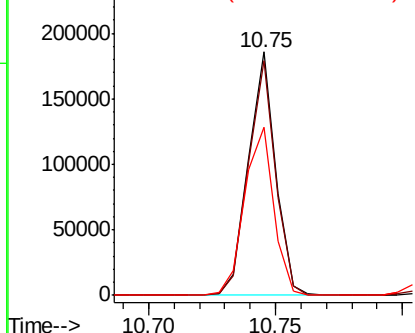


Abundance

Ion 248.00 (247.70 to 248.70): E

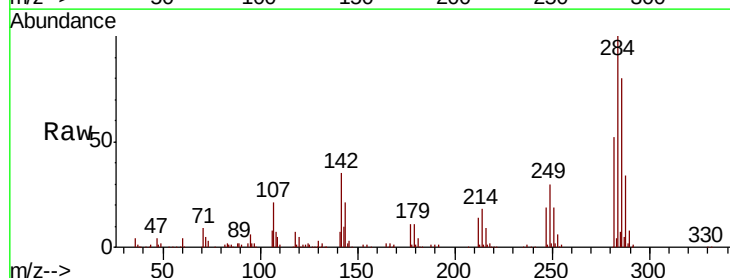
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 8.624 ng  
RT: 10.81 min Scan# 1483  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.5  | 28.9  | 43.3  |
| 249     | 30.4  | 25.8  | 38.6  |

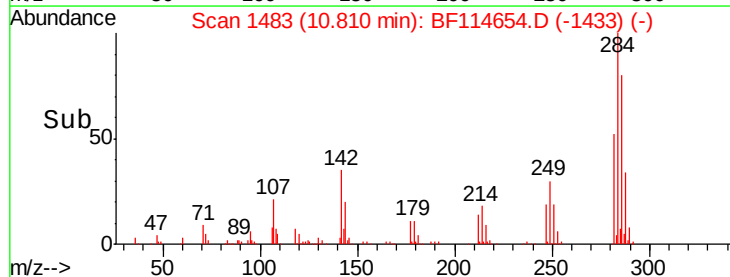
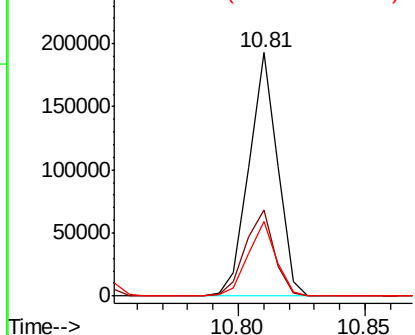


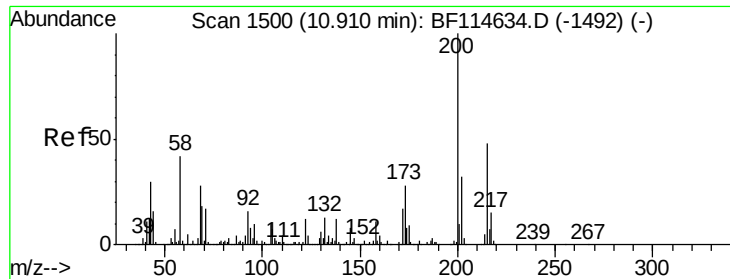
Abundance

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

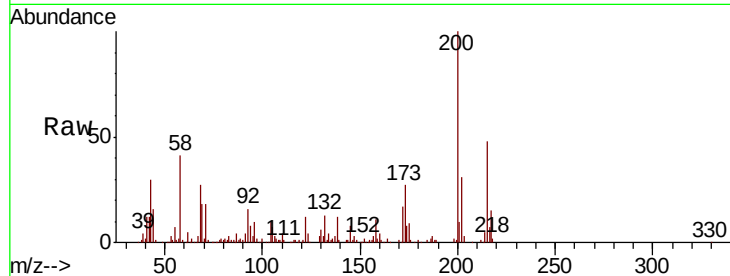




#69  
Atrazine  
Concen: 8.718 ng  
RT: 10.90 min Scan# 1498  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.0  | 7.9   | 47.9  |
| 215     | 47.8  | 27.8  | 67.8  |

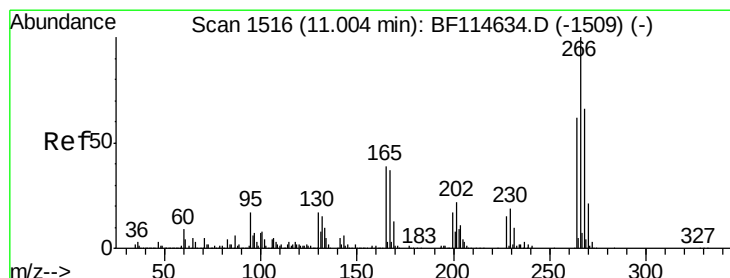
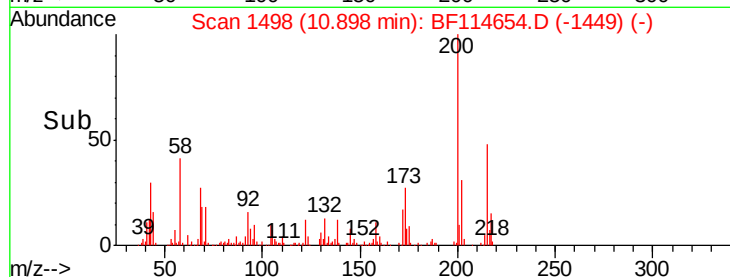
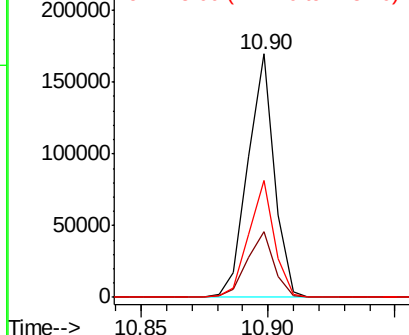


Abundance

Ion 200.00 (199.70 to 200.70): E

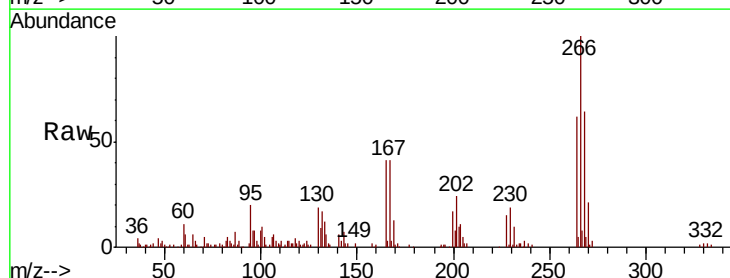
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 7.269 ng  
RT: 11.00 min Scan# 1515  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.6  | 52.8  | 79.2  |
| 264     | 61.6  | 49.9  | 74.9  |

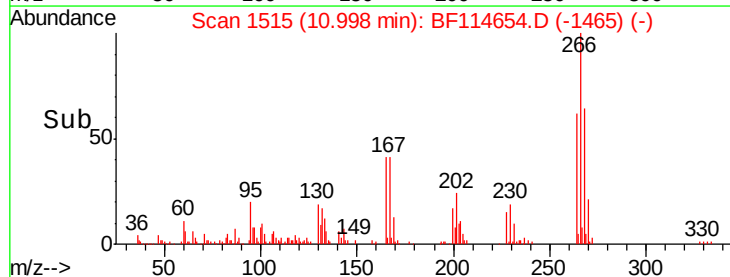
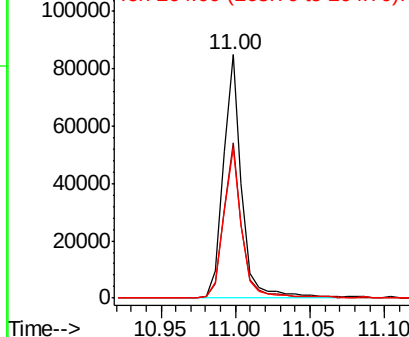


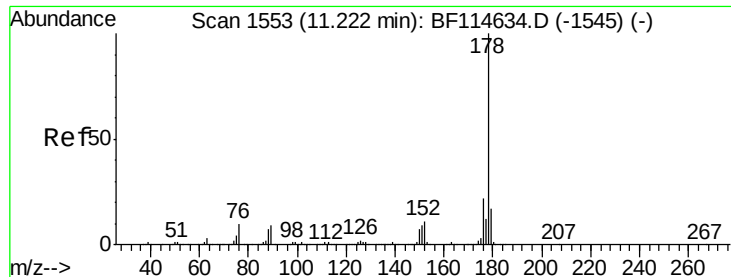
Abundance

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

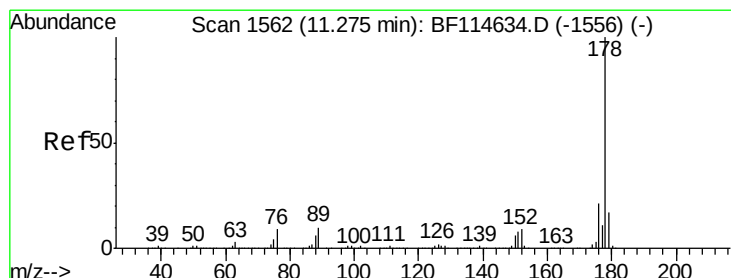
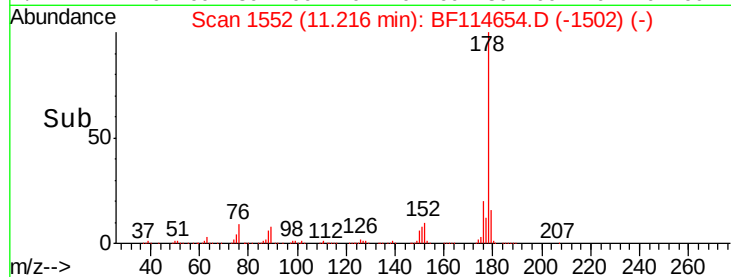
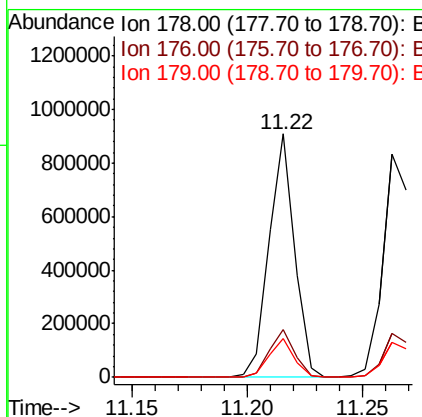
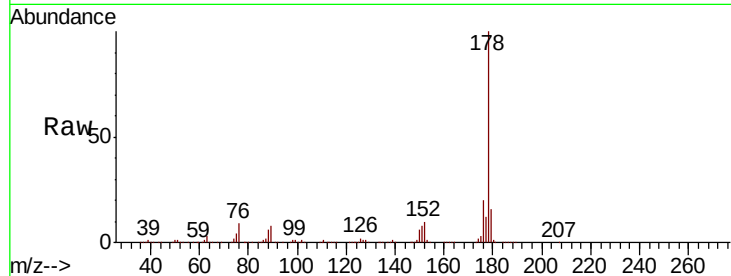




#71  
 Phenanthrene  
 Concen: 9.021 ng  
 RT: 11.22 min Scan# 1552  
 Delta R.T. -0.01 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

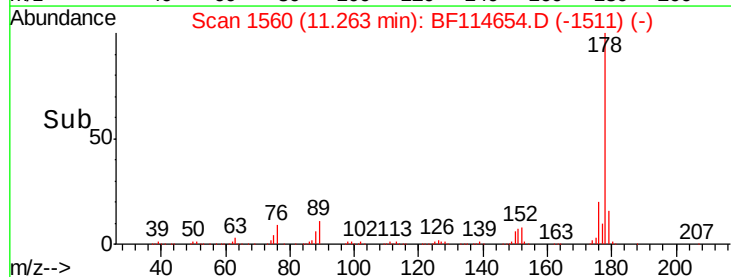
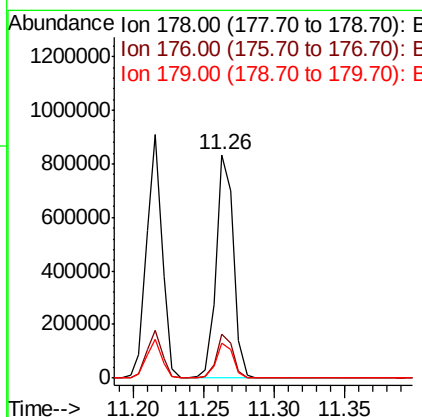
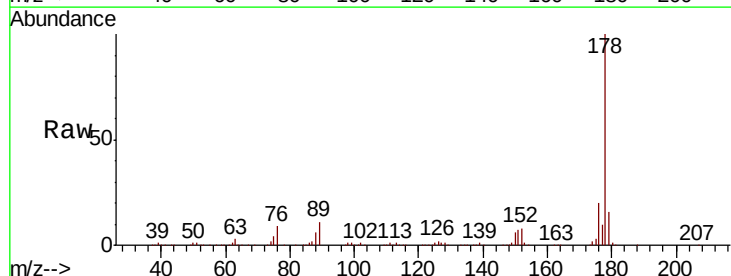
Instrument :  
 BNA\_F  
 ClientSampleId :

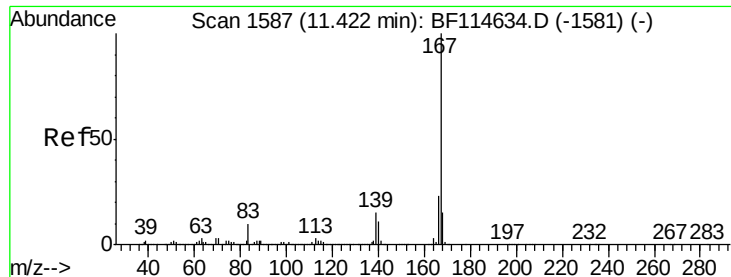
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 17.2  | 25.8  |
| 179     | 15.7  | 13.9  | 20.9  |



#72  
 Anthracene  
 Concen: 9.031 ng  
 RT: 11.26 min Scan# 1560  
 Delta R.T. -0.01 min  
 Lab File: BF114654.D  
 Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 16.6  | 24.8  |
| 179     | 15.9  | 13.4  | 20.0  |





#73

Carbazole

Concen: 9.096 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF114654.D

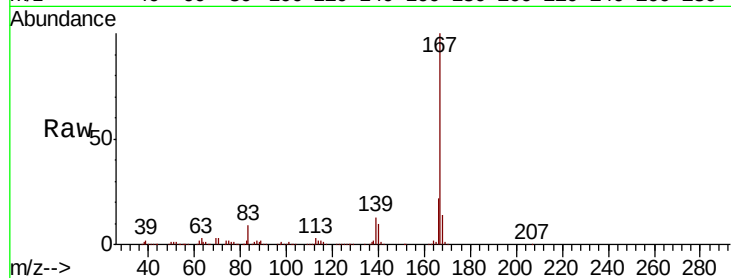
Acq: 30 May 2019 12:09

Instrument :

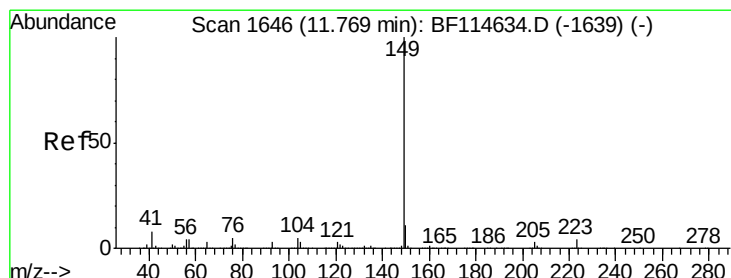
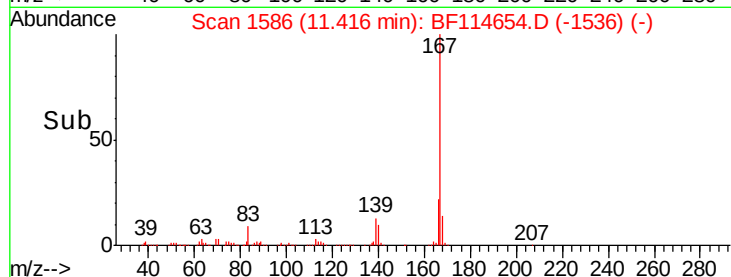
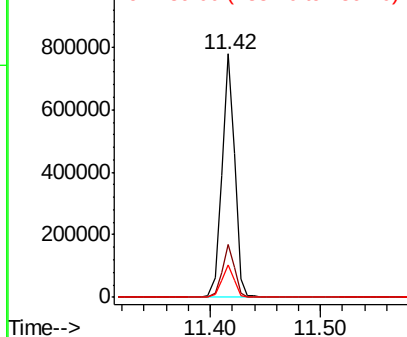
BNA\_F

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:167 | Resp: | 626847    |
| Ion Ratio   | Lower | Upper     |
| 167         | 100   |           |
| 166         | 21.7  | 18.7 28.1 |
| 139         | 13.5  | 11.8 17.8 |



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



#74

Di-n-butylphthalate

Concen: 8.890 ng

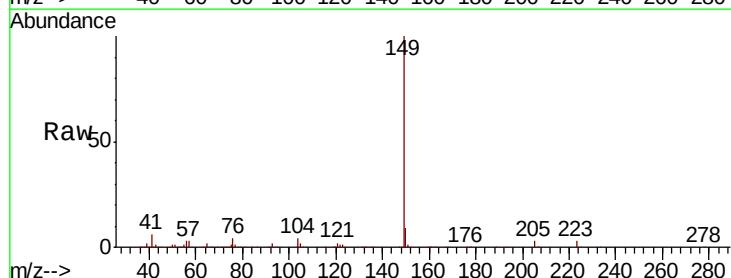
RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

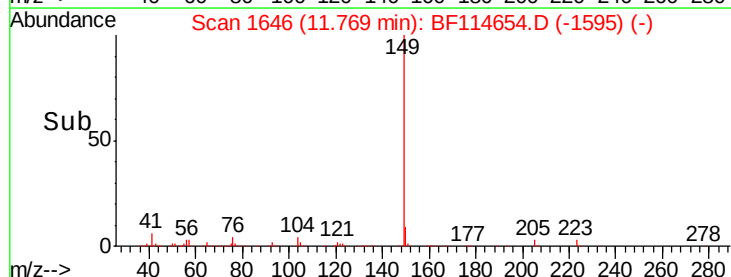
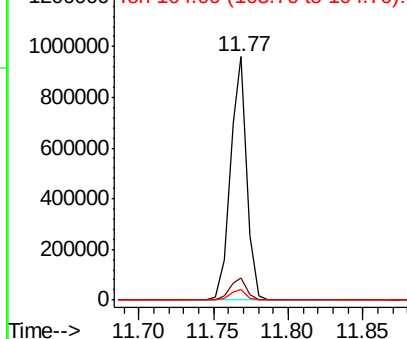
Lab File: BF114654.D

Acq: 30 May 2019 12:09

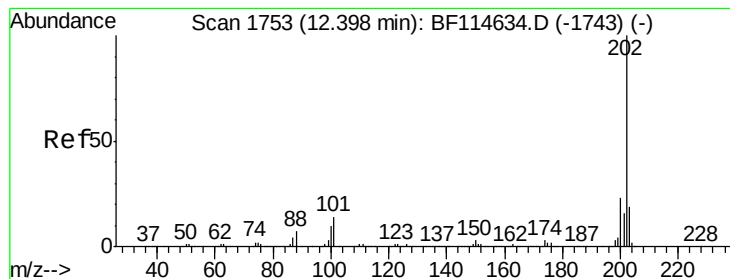
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:149 | Resp: | 744377   |
| Ion Ratio   | Lower | Upper    |
| 149         | 100   |          |
| 150         | 9.3   | 8.6 12.8 |
| 104         | 4.2   | 4.3 6.5# |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E







#75

Fluoranthene

Concen: 8.734 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF114654.D

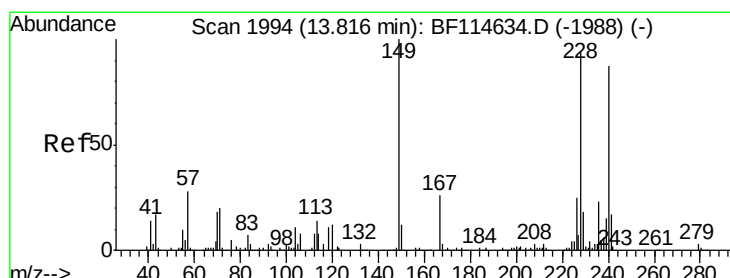
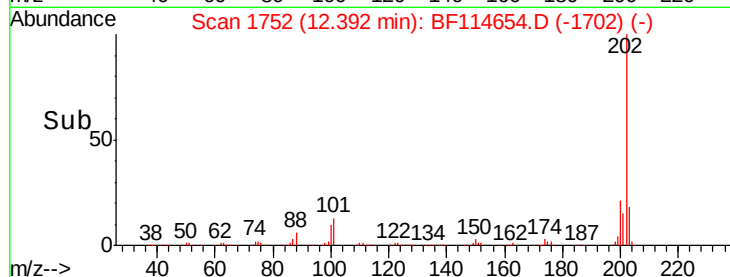
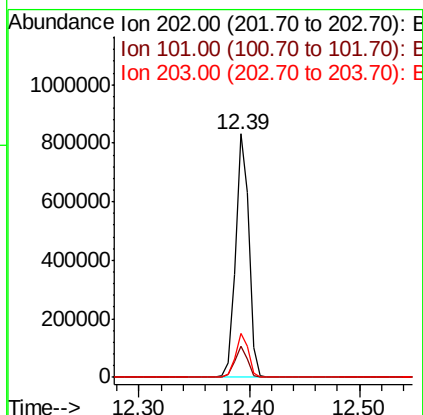
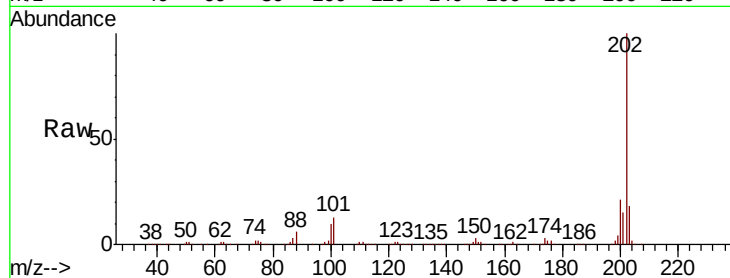
Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 202   | Resp: | 700677 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 13.0  | 0.0   | 33.9   |
| 203      | 17.8  | 0.0   | 39.1   |



#76

Chrysene-d12

Concen: 20.000 ng

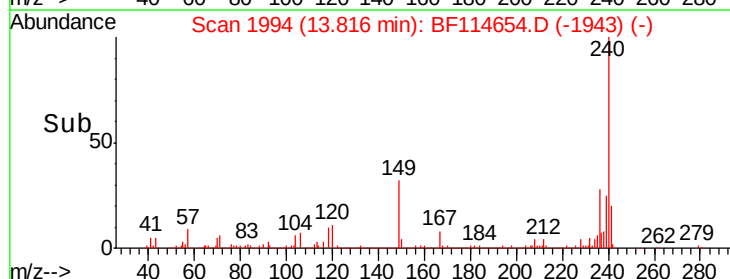
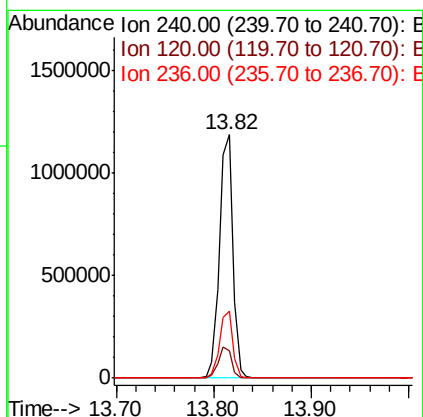
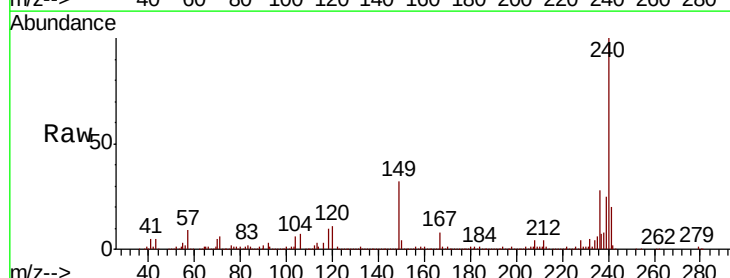
RT: 13.82 min Scan# 1994

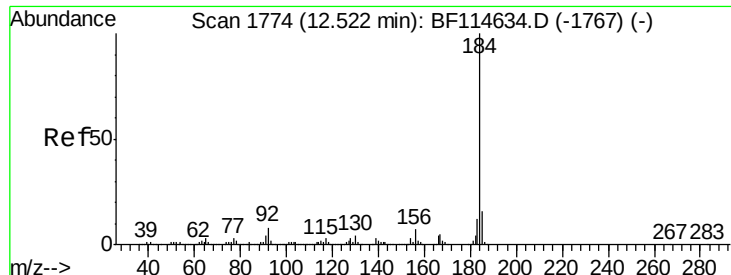
Delta R.T. 0.00 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 240   | Resp: | 1137790 |
| Ion      | Ratio | Lower | Upper   |
| 240      | 100   |       |         |
| 120      | 11.1  | 11.2  | 16.8#   |
| 236      | 27.5  | 21.2  | 31.8    |





#77

Benzidine

Concen: 8.027 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampleId :

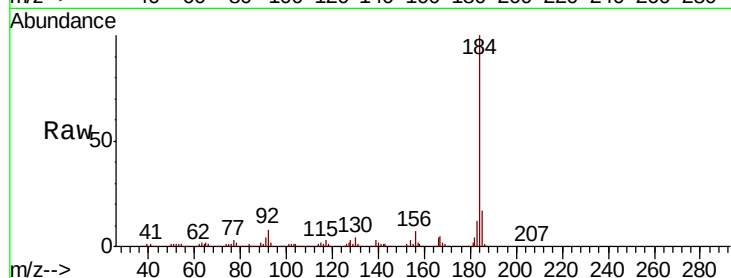
Tot Ion:184 Resp: 376078

Ion Ratio Lower Upper

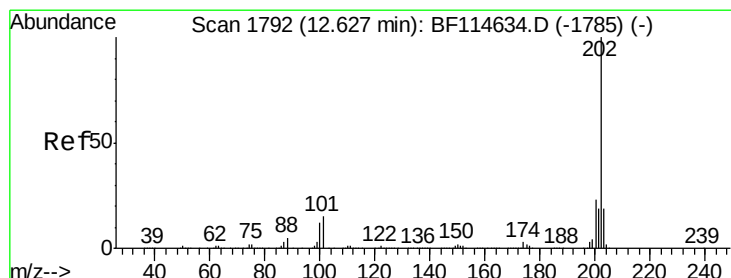
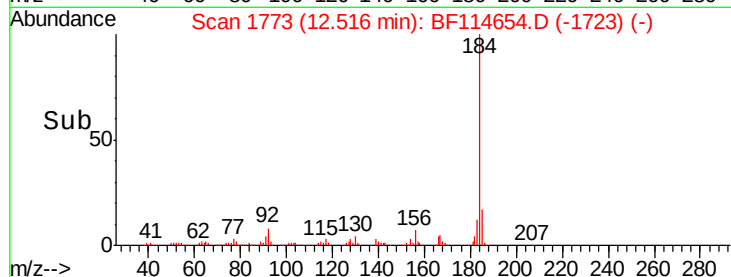
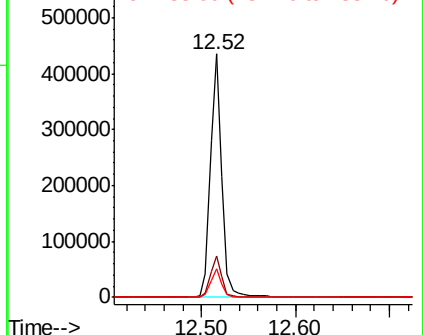
184 100

185 16.8 12.6 18.8

183 12.0 9.4 14.2



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: 7.394 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

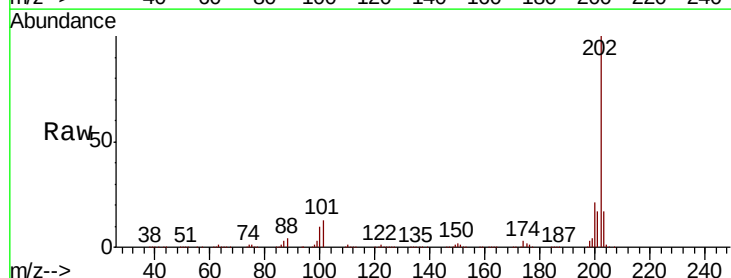
Tgt Ion:202 Resp: 711660

Ion Ratio Lower Upper

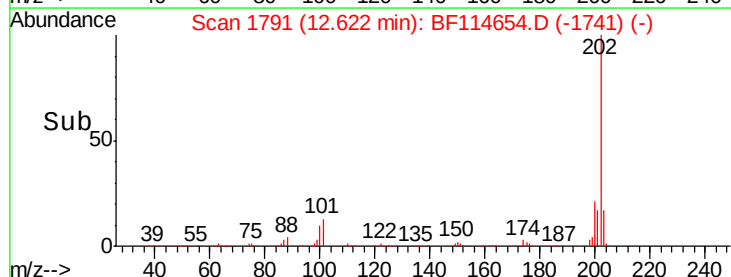
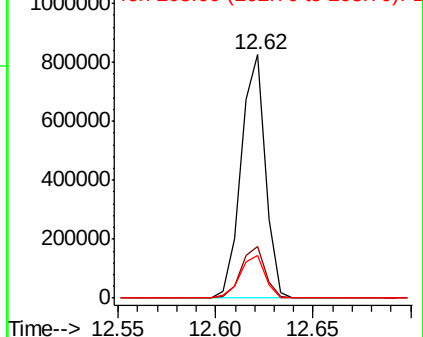
202 100

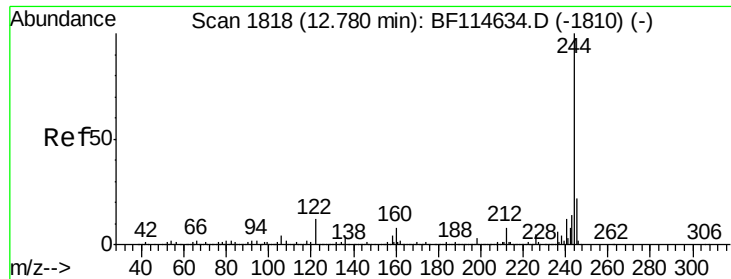
200 21.1 18.6 28.0

203 17.3 15.4 23.2



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: 60.275 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampleId :

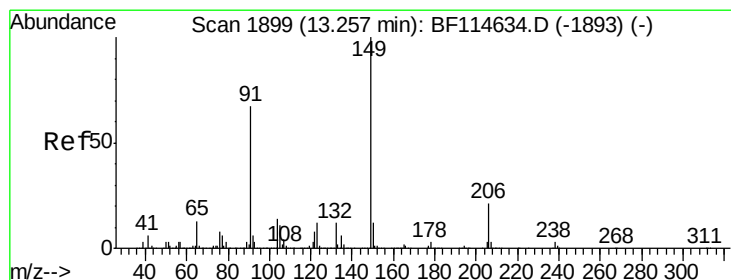
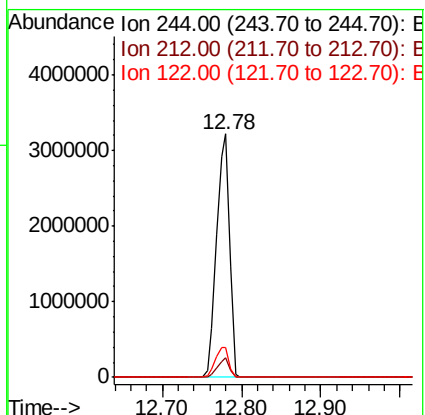
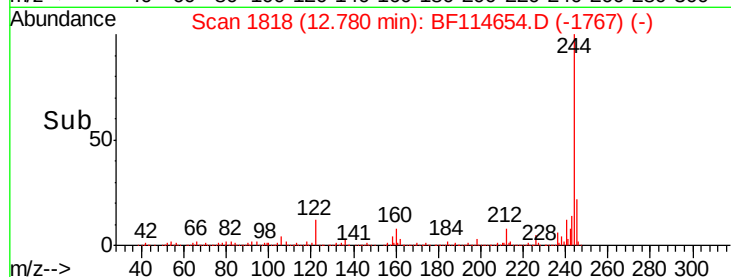
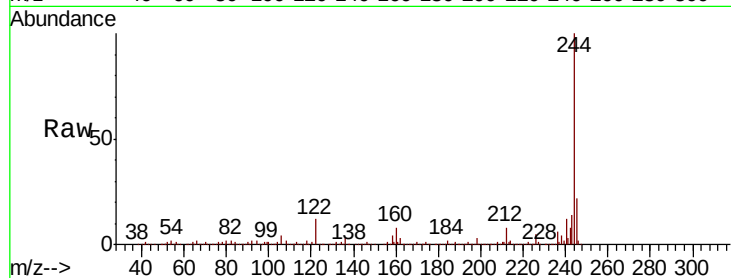
Tot Ion:244 Resp: 3647584

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 12.5 9.8 14.8



#80

Butylbenzylphthalate

Concen: 6.163 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

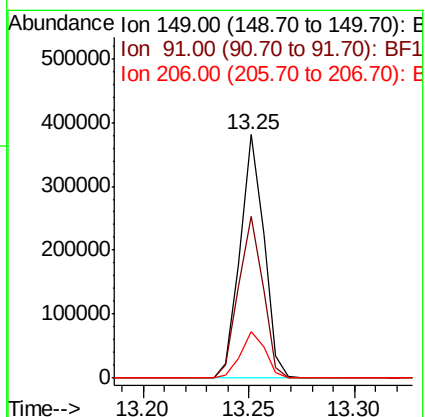
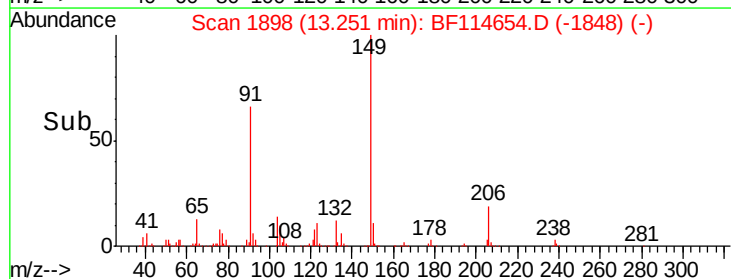
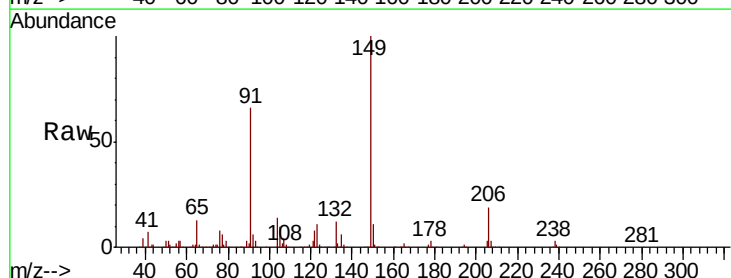
Tgt Ion:149 Resp: 298089

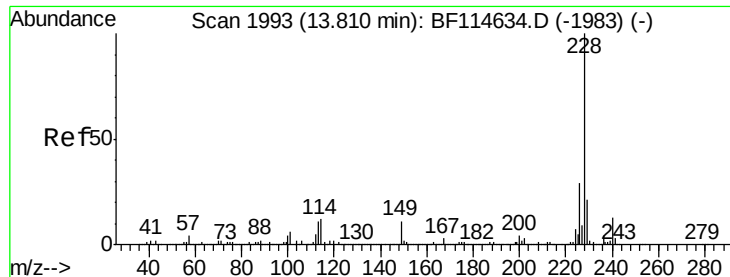
Ion Ratio Lower Upper

149 100

91 66.2 53.8 80.8

206 19.1 16.9 25.3





#81

Benzo(a)anthracene

Concen: 7.462 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampleId :

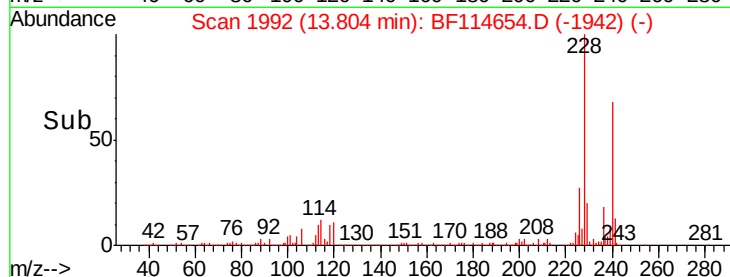
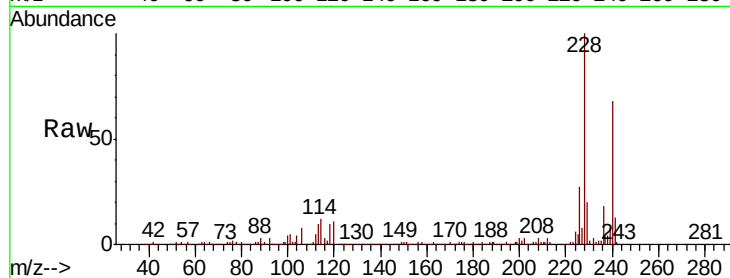
Tot Ion:228 Resp: 652482

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.8  | 23.0  | 34.6  |
| 229 | 19.5  | 17.0  | 25.4  |

228 100

226 26.8 23.0 34.6

229 19.5 17.0 25.4

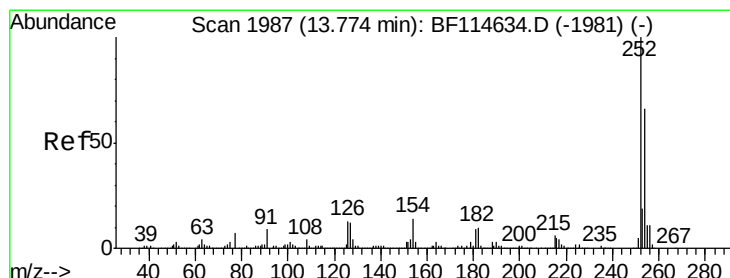
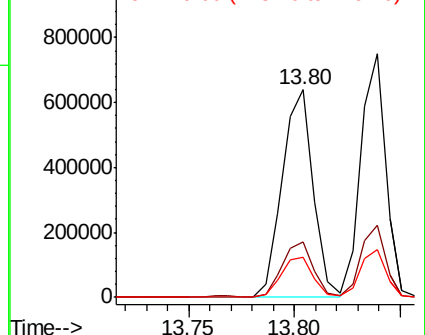


Abundance

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: 7.087 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

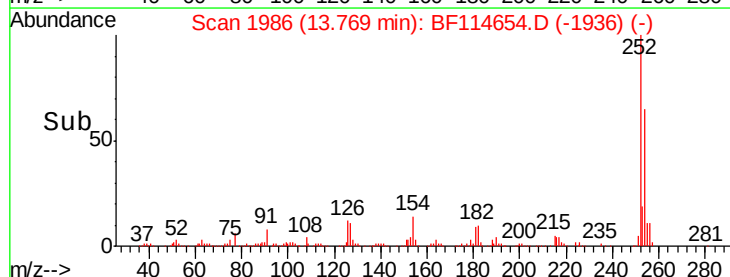
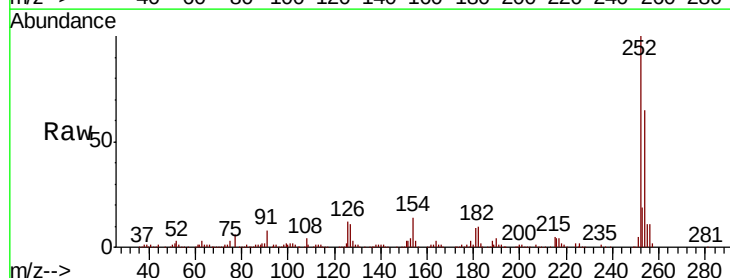
Tgt Ion:252 Resp: 239320

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.9  | 53.1  | 79.7  |
| 126 | 11.5  | 10.2  | 15.2  |

252 100

254 64.9 53.1 79.7

126 11.5 10.2 15.2

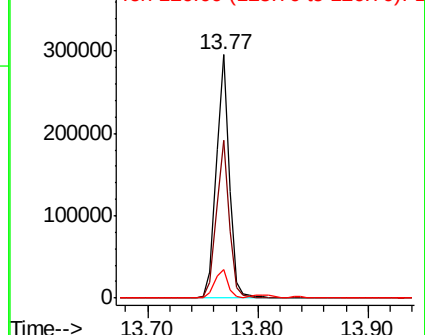


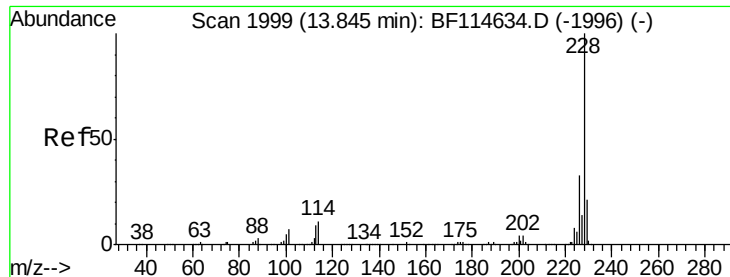
Abundance

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: 7.401 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampled :

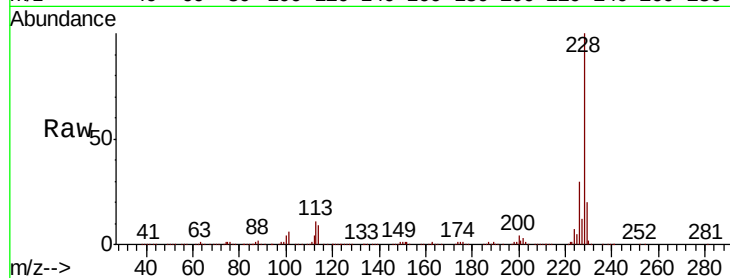
Tot Ion:228 Resp: 618242

Ion Ratio Lower Upper

228 100

226 29.6 26.4 39.6

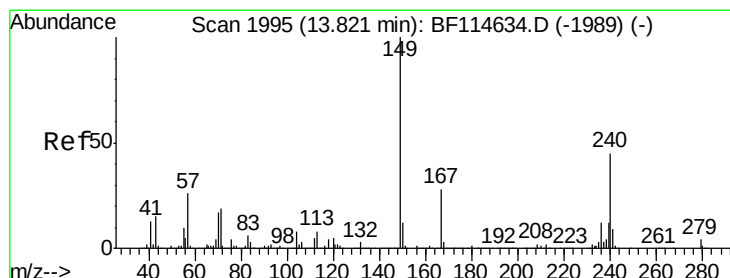
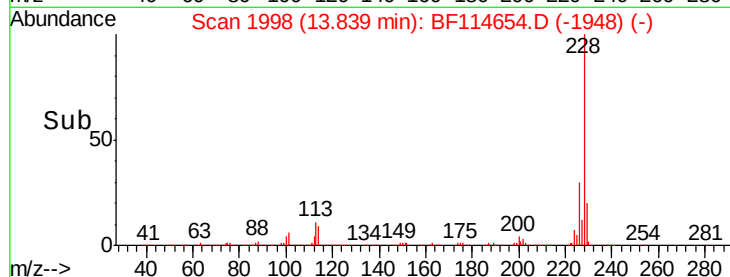
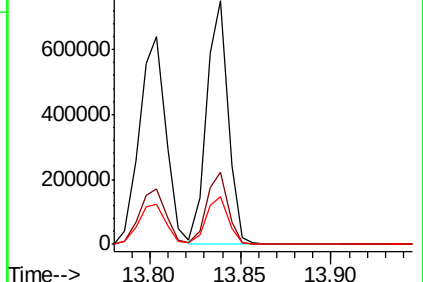
229 19.8 17.1 25.7



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: 6.974 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

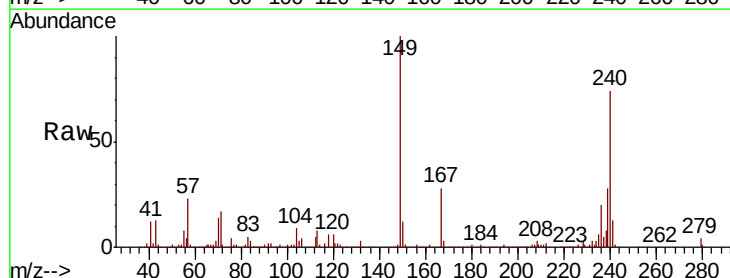
Tgt Ion:149 Resp: 417048

Ion Ratio Lower Upper

149 100

167 27.7 22.6 33.8

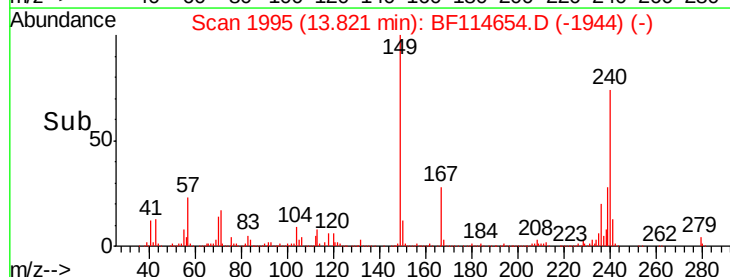
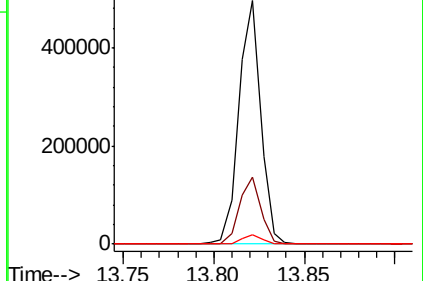
279 4.0 3.0 4.4

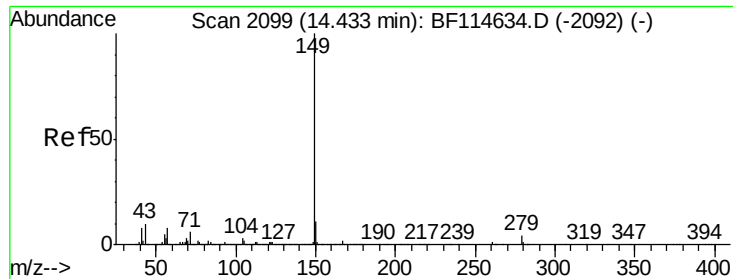


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

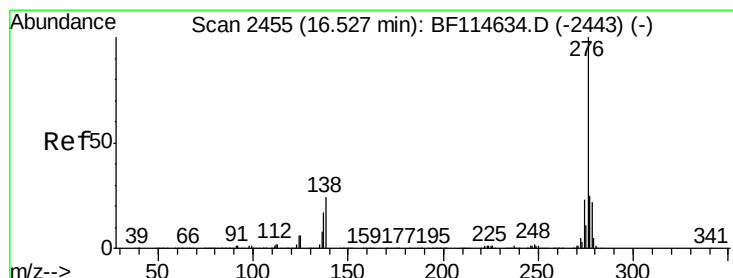
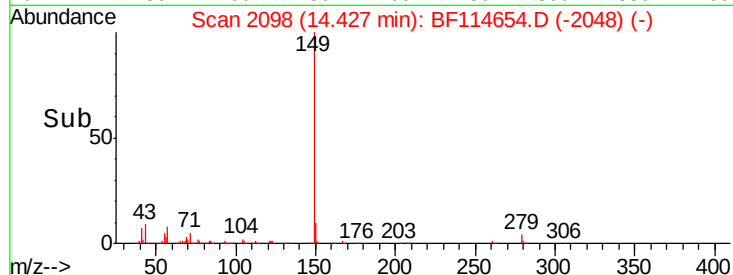
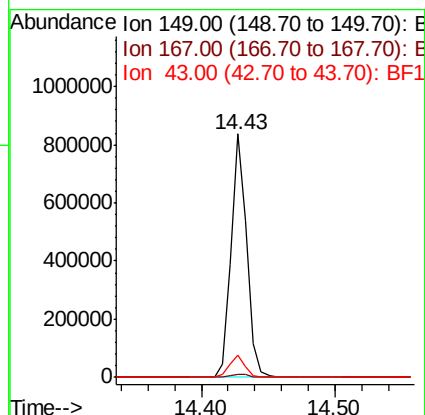
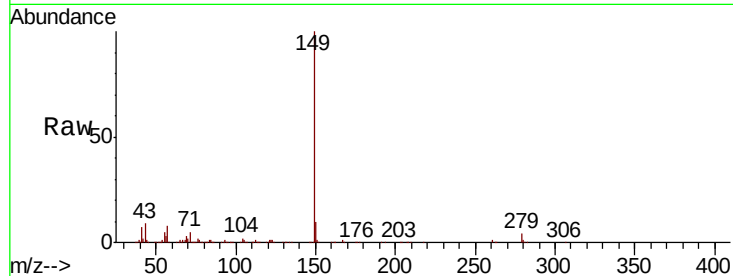




#85  
Di-n-octyl phthalate  
Concen: 6.668 ng  
RT: 14.43 min Scan# 2098  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

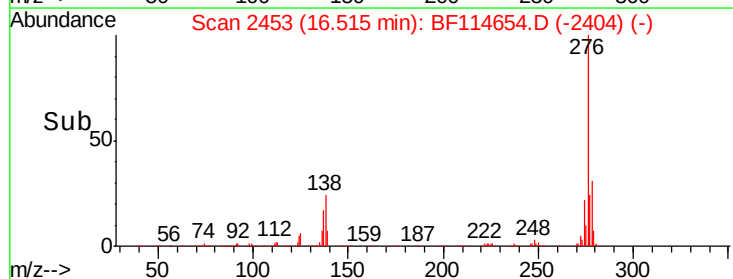
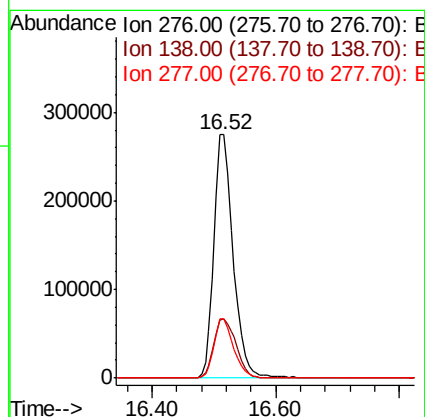
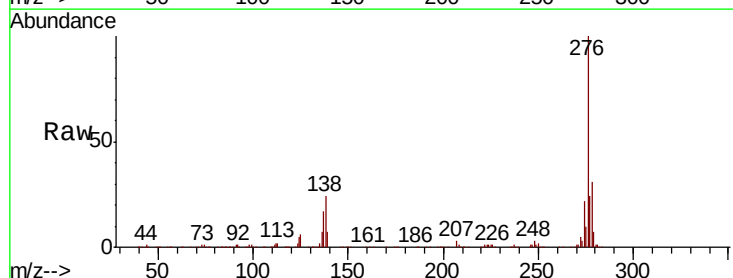
Instrument :  
BNA\_F  
ClientSampled :

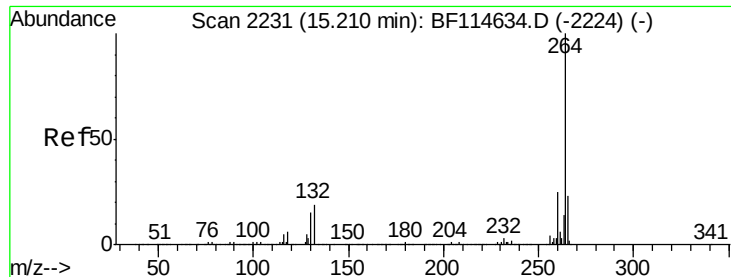
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.3   | 1.9   |
| 43      | 9.1   | 8.0   | 12.0  |



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 7.066 ng  
RT: 16.52 min Scan# 2453  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 28.2  | 23.0  | 34.6  |
| 277     | 24.7  | 20.5  | 30.7  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

Instrument :

BNA\_F

ClientSampled :

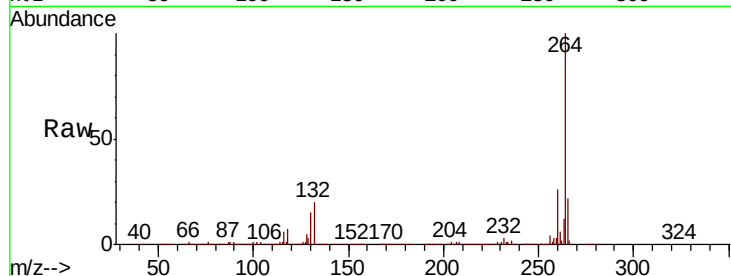
Tot Ion:264 Resp: 1207860

Ion Ratio Lower Upper

264 100

260 25.6 19.7 29.5

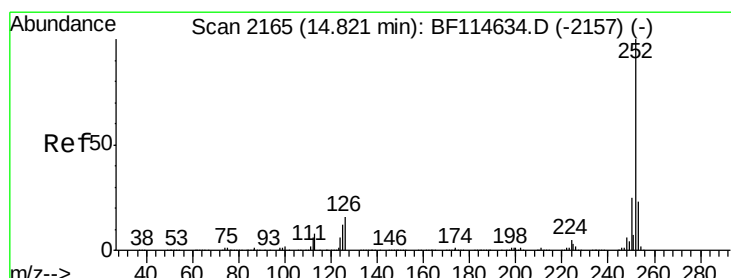
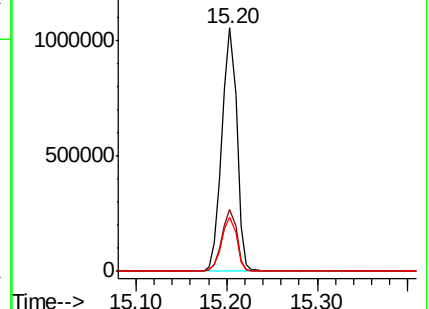
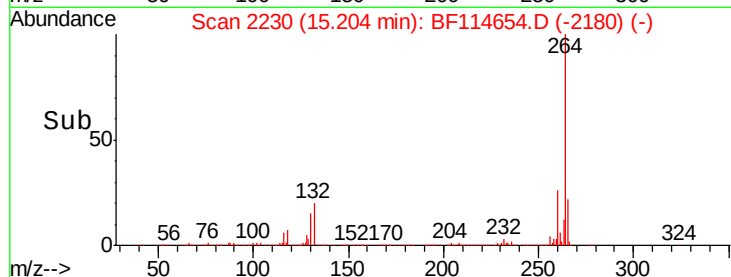
265 22.4 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 7.655 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF114654.D

Acq: 30 May 2019 12:09

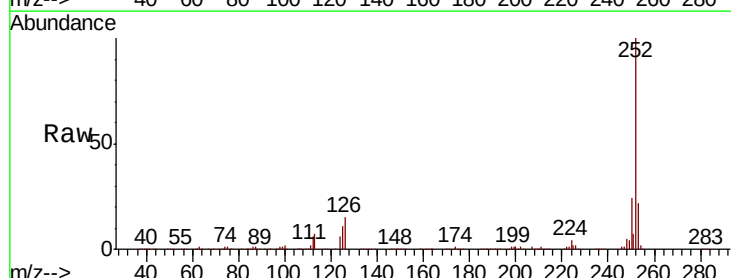
Tgt Ion:252 Resp: 582344

Ion Ratio Lower Upper

252 100

253 21.7 18.7 28.1

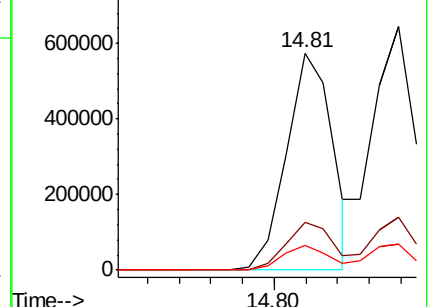
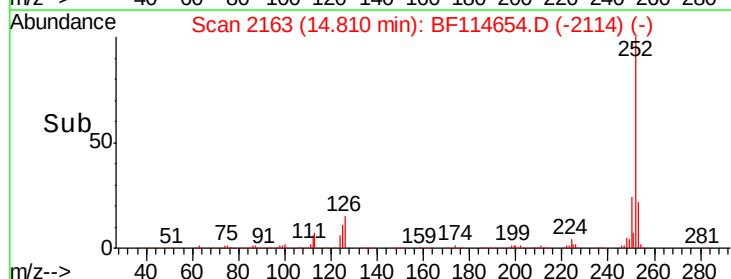
125 11.4 9.4 14.2

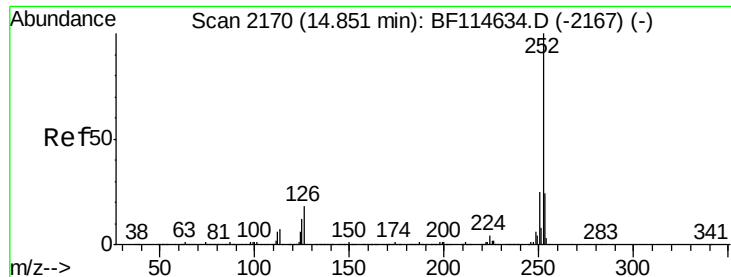


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

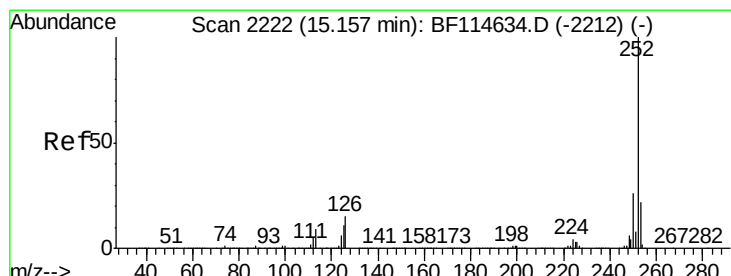
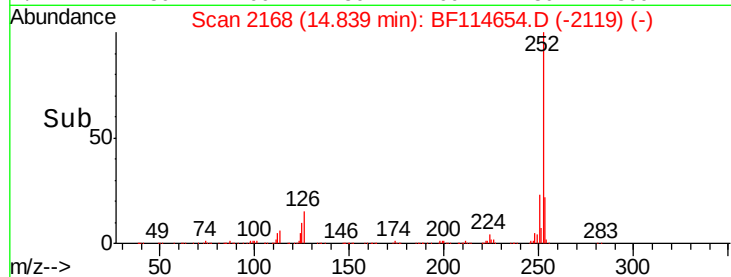
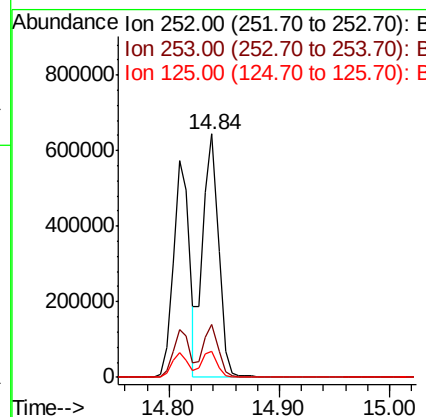
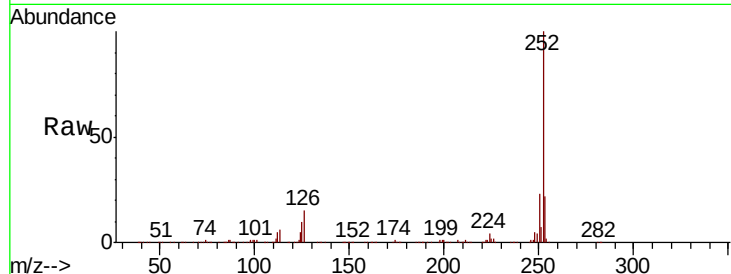




#89  
Benzo(k)fluoranthene  
Concen: 9.380 ng  
RT: 14.84 min Scan# 2168  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

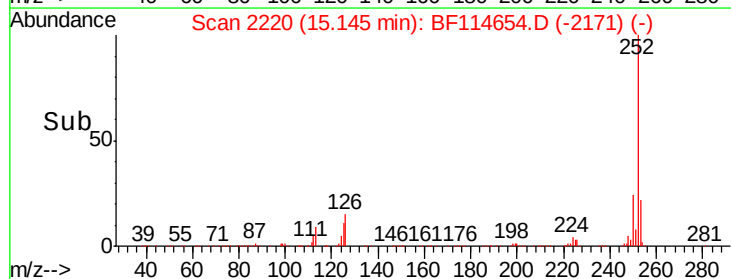
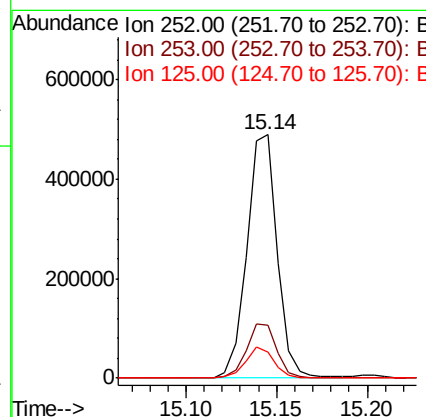
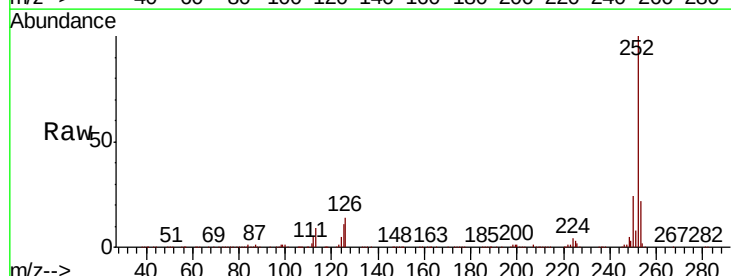
Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 18.9  | 28.3  |
| 125     | 10.4  | 9.5   | 14.3  |

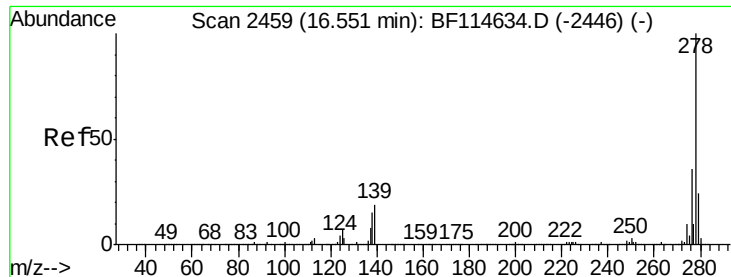


#90  
Benzo(a)pyrene  
Concen: 8.480 ng  
RT: 15.14 min Scan# 2220  
Delta R.T. -0.01 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 18.0  | 27.0  |
| 125     | 10.9  | 9.2   | 13.8  |



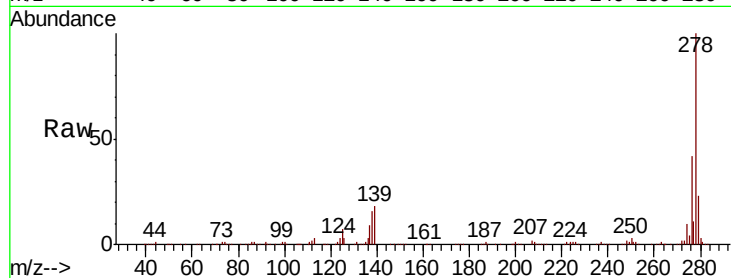




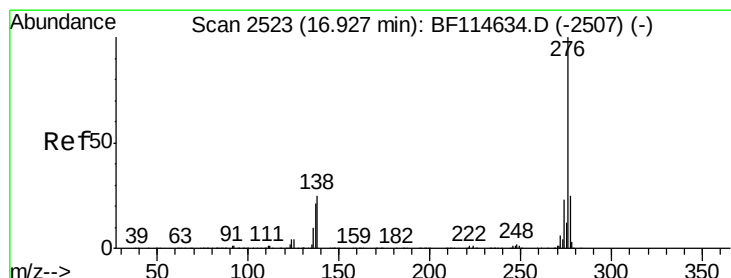
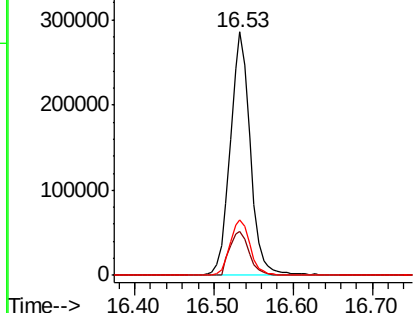
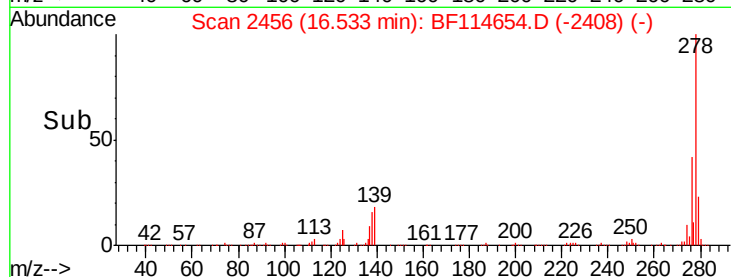
#91  
Dibenzo(a,h)anthracene  
Concen: 8.460 ng  
RT: 16.53 min Scan# 2456  
Delta R.T. -0.02 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.8  | 14.9  | 22.3  |
| 279     | 22.8  | 19.5  | 29.3  |

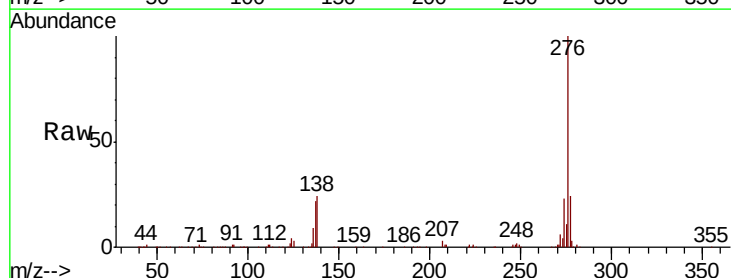


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 8.305 ng  
RT: 16.90 min Scan# 2519  
Delta R.T. -0.02 min  
Lab File: BF114654.D  
Acq: 30 May 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 19.7  | 29.5  |
| 138     | 23.9  | 19.8  | 29.8  |



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

