

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\  
 Data File : BF114635.D  
 Acq On : 29 May 2019 15:42  
 Operator : HP/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: May 29 16:58:14 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 29 16:39:07 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 341799   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.98  | 136  | 1373106  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.72  | 164  | 671600   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.20 | 188  | 1275610  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.82 | 240  | 743349   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.20 | 264  | 918119   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.30  | 112 | 1892726 | 89.11  | ng | 0.00 |
| 7) Phenol-d6             | 6.33  | 99  | 2301421 | 91.61  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.26  | 82  | 2181604 | 89.16  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.51 | 330 | 626170  | 90.18  | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.06  | 172 | 3471204 | 78.18  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.78 | 244 | 3797532 | 105.31 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.36 | 88  | 464845  | 39.817 | ng | 99     |
| 3) Pyridine                    | 3.05 | 79  | 1336608 | 41.554 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.00 | 42  | 550229  | 35.473 | ng | 100    |
| 6) Aniline                     | 6.36 | 93  | 1736426 | 47.852 | ng | 99     |
| 8) 2-Chlorophenol              | 6.48 | 128 | 1114135 | 49.136 | ng | 97     |
| 9) Benzaldehyde                | 6.24 | 77  | 600245  | 34.131 | ng | 98     |
| 10) Phenol                     | 6.35 | 94  | 1373780 | 46.488 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.44 | 93  | 1070347 | 47.709 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.64 | 146 | 1263044 | 49.624 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 1264113 | 49.288 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146 | 1151398 | 49.138 | ng | 98     |
| 15) Benzyl Alcohol             | 6.84 | 79  | 915594  | 46.732 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.98 | 45  | 1652788 | 37.995 | ng | 100    |
| 17) 2-Methylphenol             | 6.95 | 107 | 934629  | 50.179 | ng | 99     |
| 18) Hexachloroethane           | 7.22 | 117 | 484376  | 50.314 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 7.13 | 70  | 793294  | 49.822 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.11 | 107 | 1002156 | 46.568 | ng | 97     |
| 22) Acetophenone               | 7.11 | 105 | 1391063 | 45.730 | ng | # 97   |
| 24) Nitrobenzene               | 7.28 | 77  | 1160622 | 46.574 | ng | 97     |
| 25) Isophorone                 | 7.52 | 82  | 2156357 | 47.521 | ng | 99     |
| 26) 2-Nitrophenol              | 7.59 | 139 | 574135  | 47.487 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.64 | 122 | 921036  | 48.504 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93  | 1385980 | 47.074 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.83 | 162 | 951888  | 50.342 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.92 | 180 | 1092952 | 50.832 | ng | 98     |
| 31) Naphthalene                | 8.00 | 128 | 2937226 | 45.794 | ng | 100    |
| 32) Benzoic acid               | 7.77 | 122 | 582726  | 46.864 | ng | 99     |
| 33) 4-Chloroaniline            | 8.05 | 127 | 1446608 | 49.494 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.13 | 225 | 608518  | 49.740 | ng | 99     |
| 35) Caprolactam                | 8.43 | 113 | 318506  | 51.659 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.53 | 107 | 948134  | 49.816 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.69 | 142 | 2045063 | 49.418 | ng | 100    |
| 38) 1-Methylnaphthalene        | 8.79 | 142 | 1930422 | 49.535 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.86 | 216 | 881534  | 43.331 | ng | 100    |

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 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

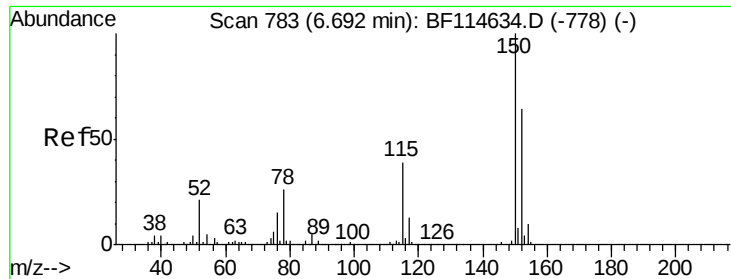
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: May 29 16:58:14 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 29 16:39:07 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.85  | 237  | 587557   | 68.639 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 8.96  | 196  | 703292   | 50.259 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.00  | 196  | 696714   | 48.549 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.16  | 154  | 2345226  | 43.225 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.17  | 162  | 2013717  | 46.118 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.26  | 65   | 635539   | 41.041 | ng    | 97       |
| 49) Acenaphthylene             | 9.59  | 152  | 2973195  | 44.769 | ng    | 99       |
| 50) Dimethylphthalate          | 9.46  | 163  | 2299473  | 46.641 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.51  | 165  | 541335   | 49.504 | ng    | 92       |
| 52) Acenaphthene               | 9.76  | 154  | 1893866  | 46.472 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.67  | 138  | 664595   | 48.960 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.77  | 184  | 221092   | 50.411 | ng    | # 87     |
| 55) Dibenzofuran               | 9.93  | 168  | 2589208  | 43.328 | ng    | 98       |
| 56) 4-Nitrophenol              | 9.83  | 139  | 492291   | 51.283 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 9.91  | 165  | 701531   | 47.266 | ng    | 95       |
| 58) Fluorene                   | 10.27 | 166  | 1772408  | 38.399 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.05 | 232  | 573380   | 46.306 | ng    | 100      |
| 60) Diethylphthalate           | 10.16 | 149  | 2350042  | 46.913 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.26 | 204  | 893600   | 39.417 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.29 | 138  | 645034   | 45.221 | ng    | 99       |
| 63) Azobenzene                 | 10.43 | 77   | 2147768  | 44.295 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 10.32 | 198  | 295343   | 48.184 | ng    | 91       |
| 66) n-Nitrosodiphenylamine     | 10.39 | 169  | 1841963  | 47.577 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.75 | 248  | 683475   | 48.663 | ng    | 96       |
| 68) Hexachlorobenzene          | 10.82 | 284  | 734886   | 47.297 | ng    | 99       |
| 69) Atrazine                   | 10.91 | 200  | 563555   | 46.776 | ng    | 99       |
| 70) Pentachlorophenol          | 11.00 | 266  | 435423   | 59.117 | ng    | 97       |
| 71) Phenanthrene               | 11.22 | 178  | 2938995  | 47.357 | ng    | 100      |
| 72) Anthracene                 | 11.27 | 178  | 2966609  | 47.592 | ng    | 98       |
| 73) Carbazole                  | 11.43 | 167  | 2736703  | 46.041 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.77 | 149  | 3402296  | 49.682 | ng    | 99       |
| 75) Fluoranthene               | 12.40 | 202  | 2992754  | 44.781 | ng    | 99       |
| 77) Benzidine                  | 12.52 | 184  | 1353422  | 40.561 | ng    | 98       |
| 78) Pyrene                     | 12.63 | 202  | 3079148  | 51.492 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.26 | 149  | 1576819  | 62.647 | ng    | 97       |
| 81) Benzo(a)anthracene         | 13.81 | 228  | 2804028  | 58.321 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.78 | 252  | 1078426  | 57.820 | ng    | 98       |
| 83) Chrysene                   | 13.85 | 228  | 2660059  | 56.439 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.83 | 149  | 1976561  | 60.043 | ng    | # 99     |
| 85) Di-n-octyl phthalate       | 14.43 | 149  | 3393877  | 63.599 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.53 | 276  | 2670239  | 64.105 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 14.82 | 252  | 2830804  | 48.127 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 14.85 | 252  | 2497783  | 46.228 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.15 | 252  | 2523628  | 48.750 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.55 | 278  | 2177379  | 50.618 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 16.93 | 276  | 2121219  | 49.207 | ng    | 99       |

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



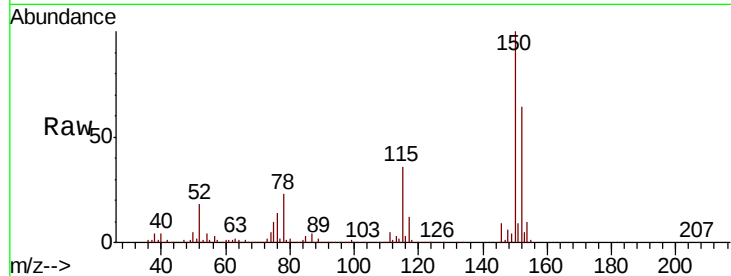


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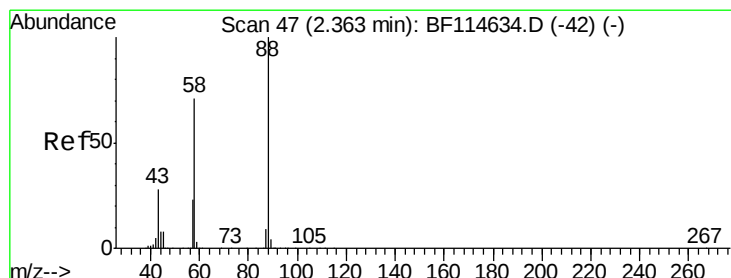
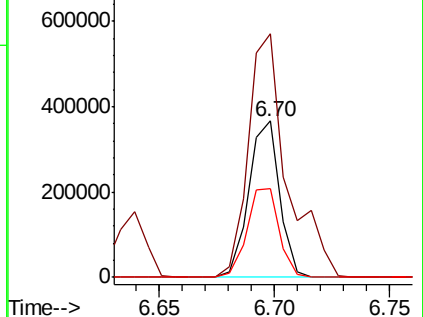
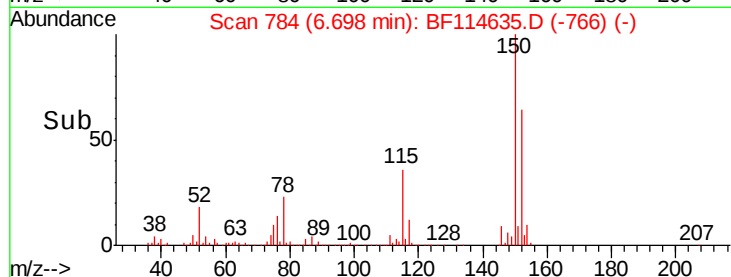
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 784  
Delta R.T. 0.01 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.9 | 124.4 | 186.6 |
| 115     | 56.7  | 48.7  | 73.1  |



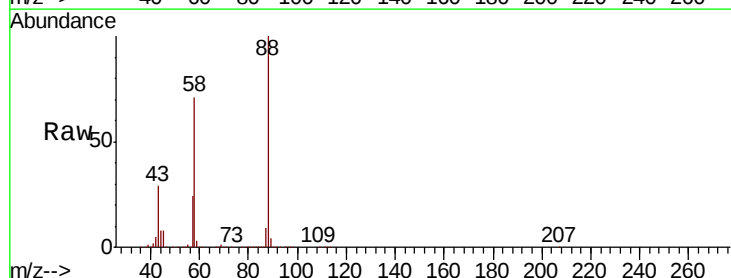
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



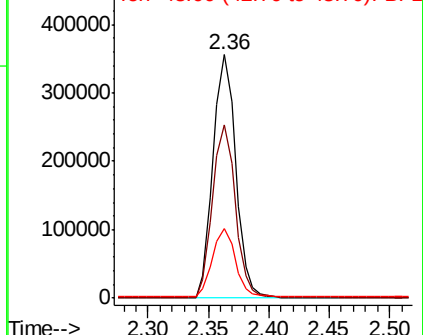
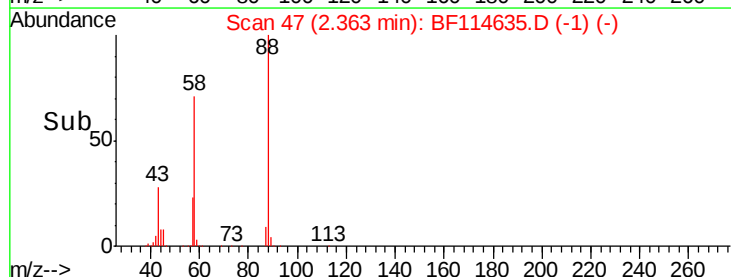
#2

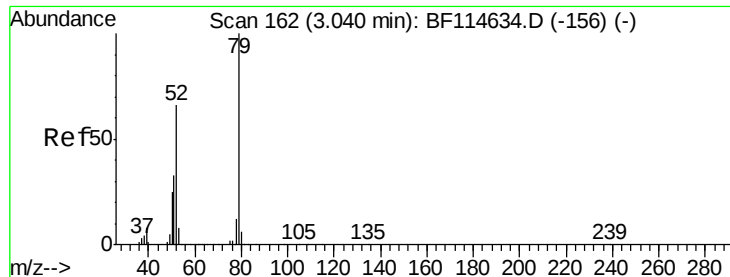
1,4-Dioxane  
Concen: 39.817 ng  
RT: 2.36 min Scan# 47  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.0  | 57.2  | 85.8  |
| 43      | 28.0  | 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: 41.554 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

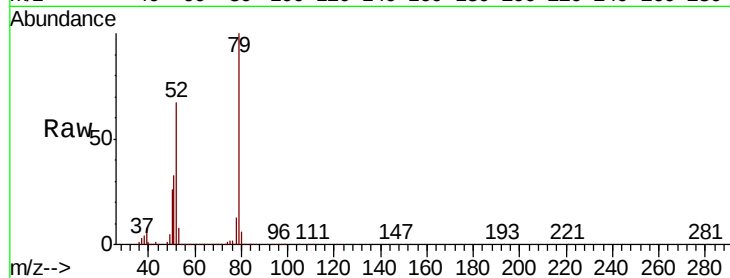
Tot Ion: 79 Resp: 1336608

Ion Ratio Lower Upper

79 100

52 66.7 52.8 79.2

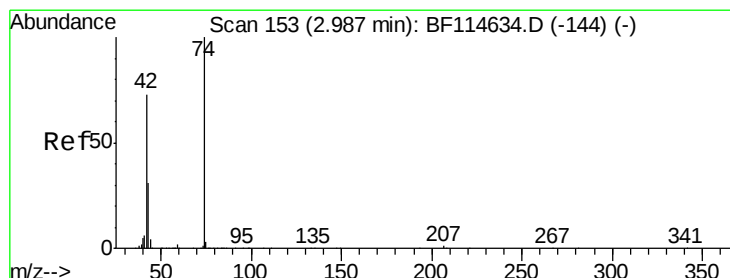
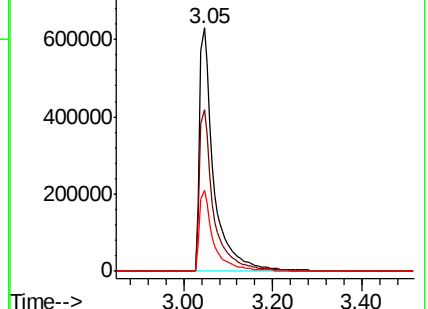
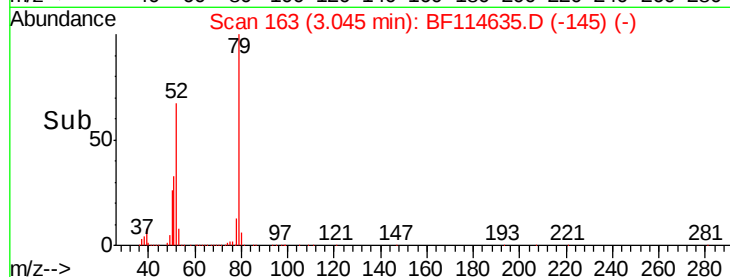
51 33.3 26.3 39.5



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: 35.473 ng

RT: 3.00 min Scan# 155

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

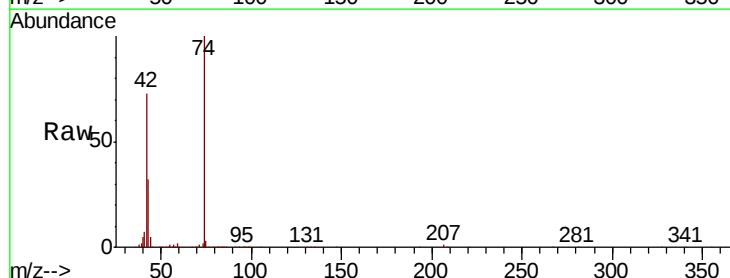
Tgt Ion: 42 Resp: 550229

Ion Ratio Lower Upper

42 100

74 137.9 110.0 165.0

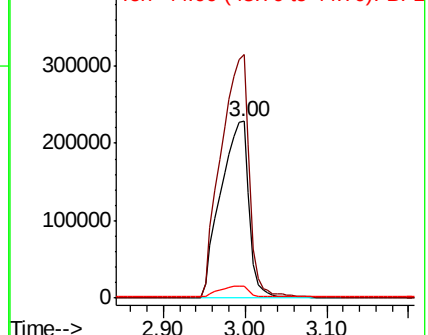
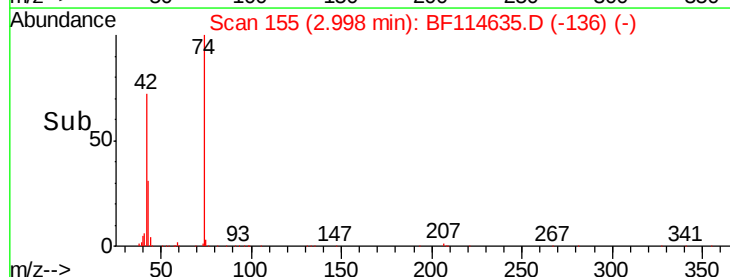
44 6.7 5.6 8.4



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: 89.114 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

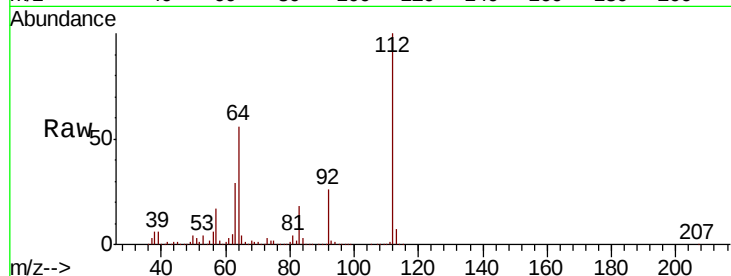
Tot Ion:112 Resp: 1892726

Ion Ratio Lower Upper

112 100

64 55.5 46.1 69.1

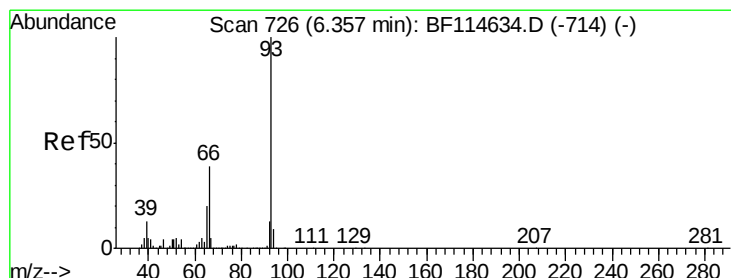
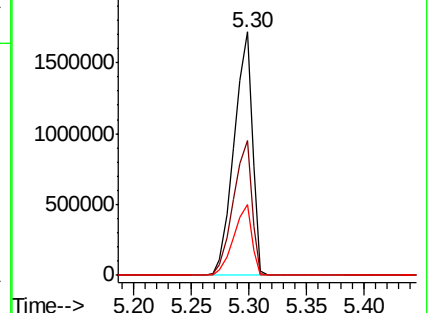
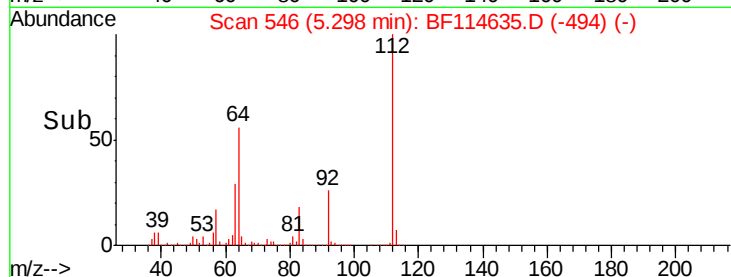
63 28.9 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 47.852 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

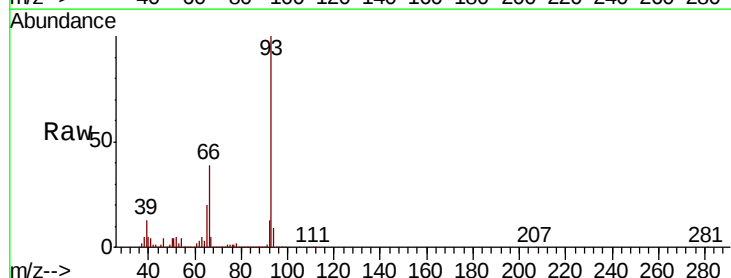
Tgt Ion: 93 Resp: 1736426

Ion Ratio Lower Upper

93 100

66 38.9 31.4 47.2

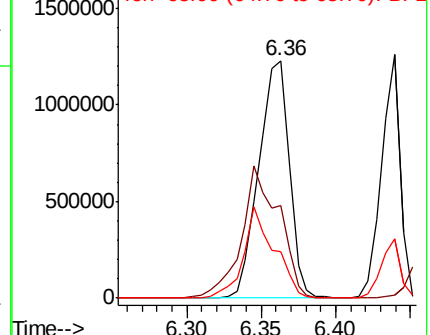
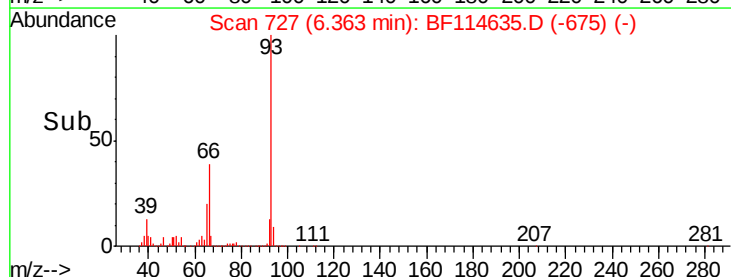
65 19.6 16.2 24.2

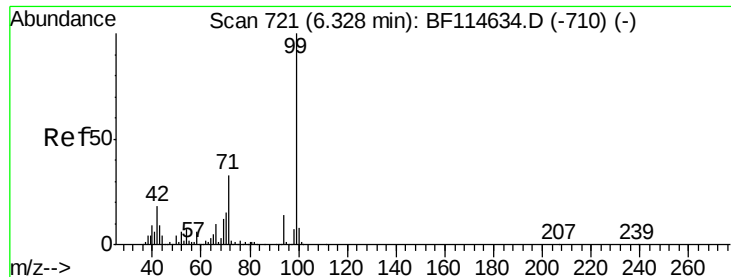


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.615 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

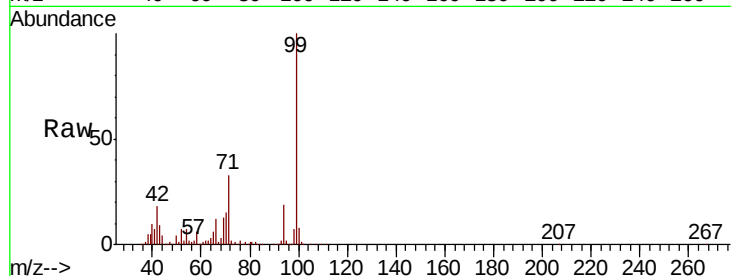
Tot Ion: 99 Resp: 2301421

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.3  | 14.7  | 22.1  |
| 71  | 33.0  | 26.6  | 40.0  |

99 100

42 18.3 14.7 22.1

71 33.0 26.6 40.0

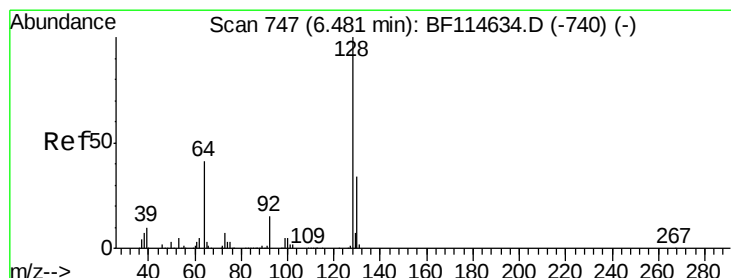
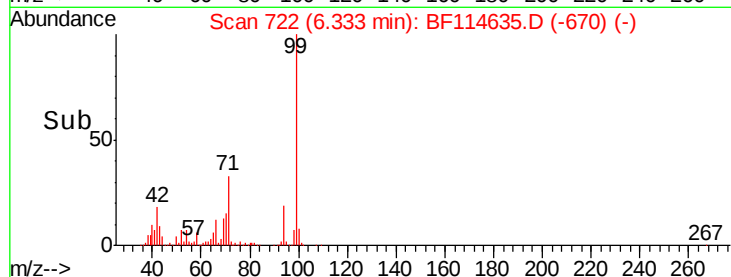
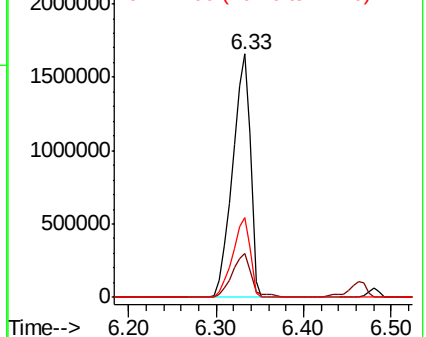


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.136 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

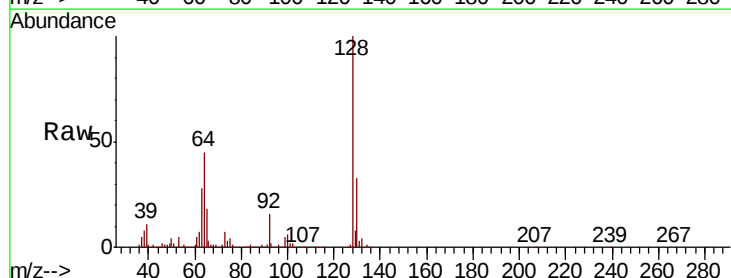
Tgt Ion: 128 Resp: 1114135

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.4  | 13.9  | 53.9  |
| 64  | 44.7  | 22.0  | 62.0  |

128 100

130 33.4 13.9 53.9

64 44.7 22.0 62.0

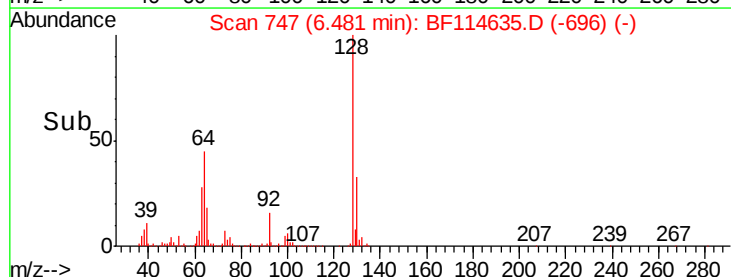
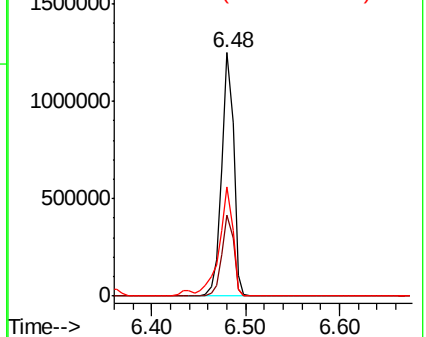


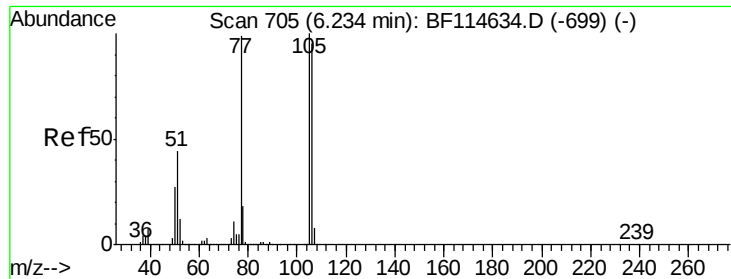
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.131 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

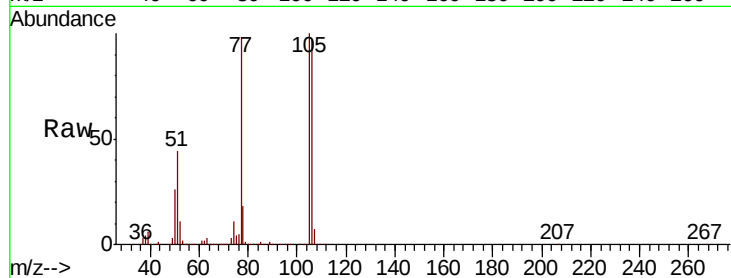
Tot Ion: 77 Resp: 600245

Ion Ratio Lower Upper

77 100

105 102.1 80.8 120.8

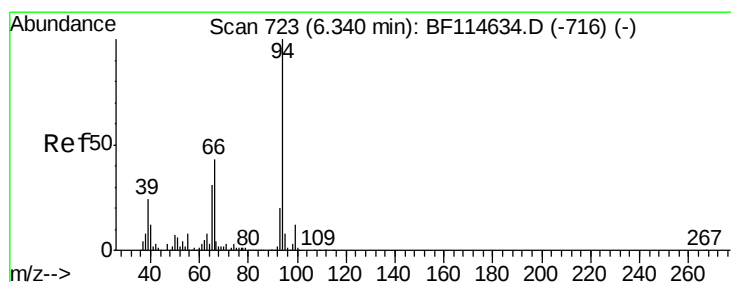
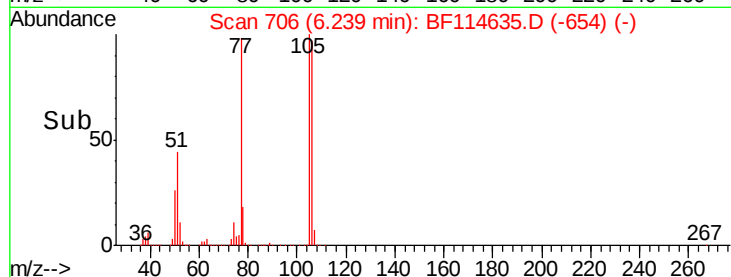
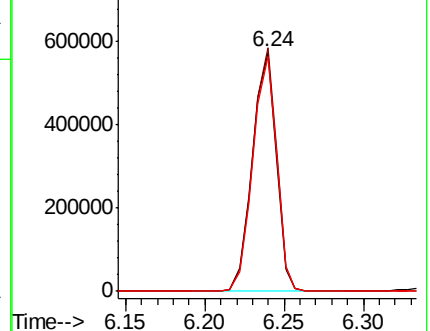
106 98.6 76.2 116.2



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: 46.488 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

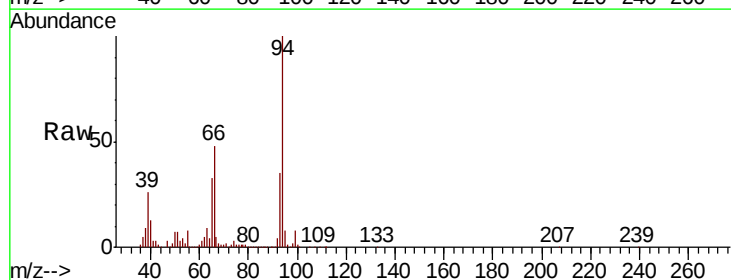
Tgt Ion: 94 Resp: 1373780

Ion Ratio Lower Upper

94 100

65 33.4 11.0 51.0

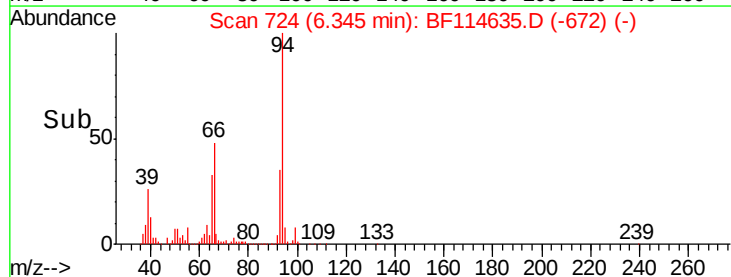
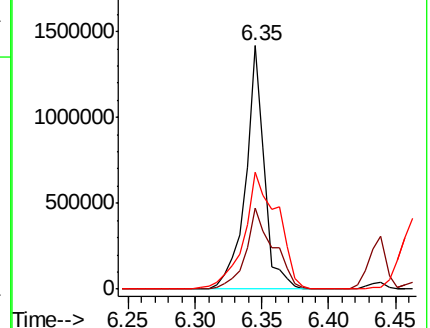
66 48.2 23.0 63.0



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

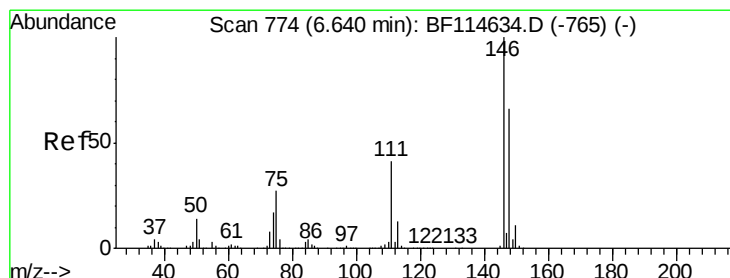
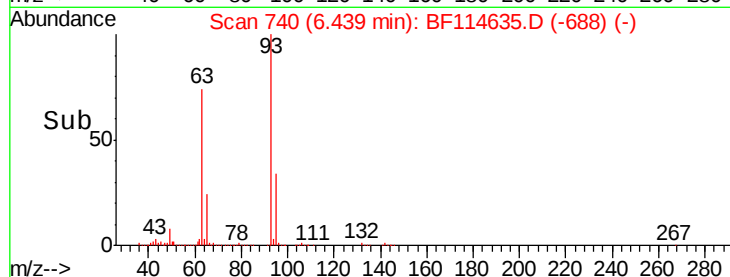
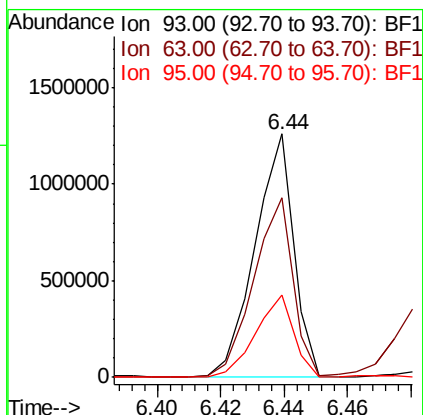
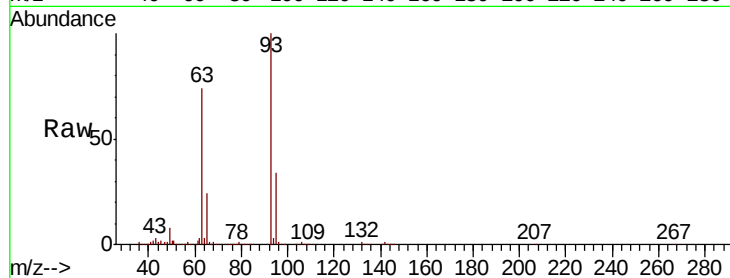




#11  
bis(2-Chloroethyl)ether  
Concen: 47.709 ng  
RT: 6.44 min Scan# 740  
Delta R.T. 0.01 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

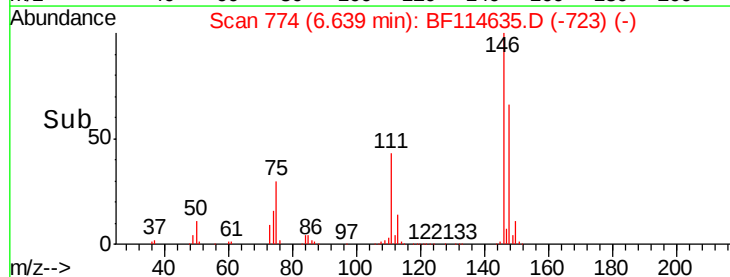
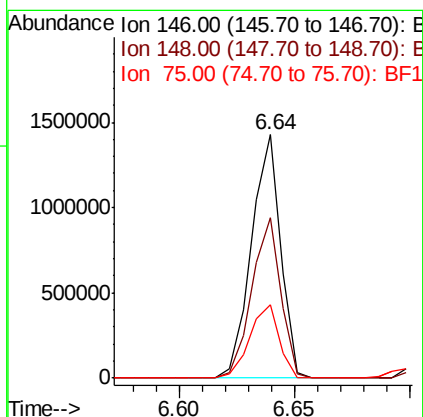
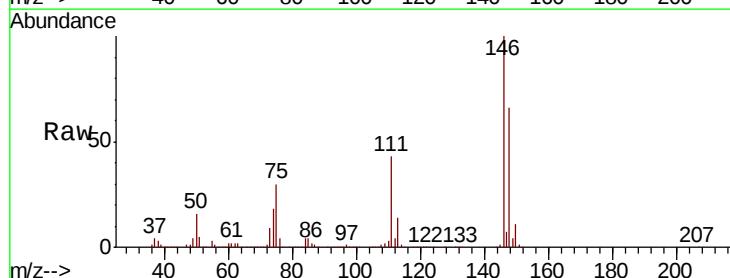
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

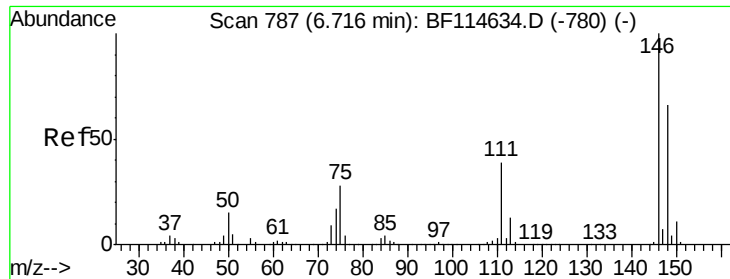
Tot Ion: 93 Resp: 1070347  
Ion Ratio Lower Upper  
93 100  
63 73.8 55.0 95.0  
95 33.9 13.5 53.5



#12  
1,3-Dichlorobenzene  
Concen: 49.624 ng  
RT: 6.64 min Scan# 774  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Tgt Ion: 146 Resp: 1263044  
Ion Ratio Lower Upper  
146 100  
148 66.0 52.9 79.3  
75 30.4 22.0 33.0

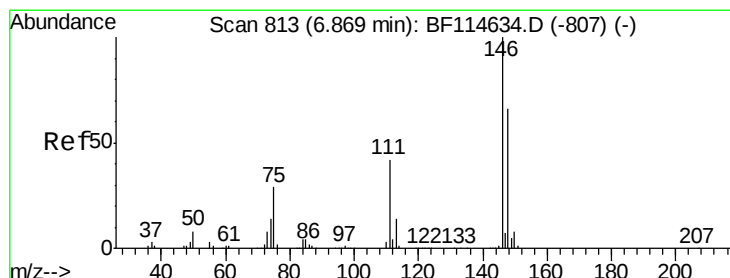
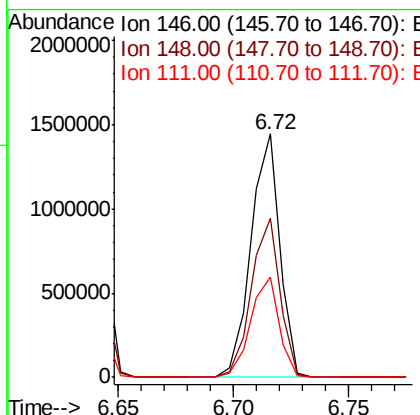
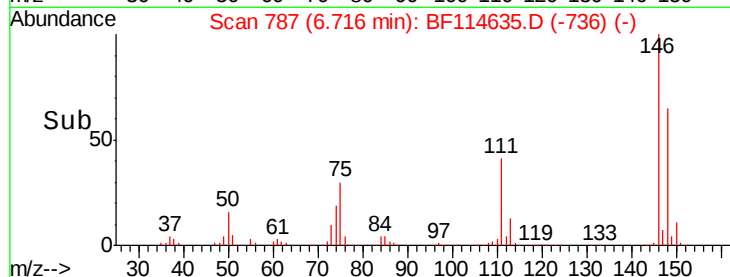
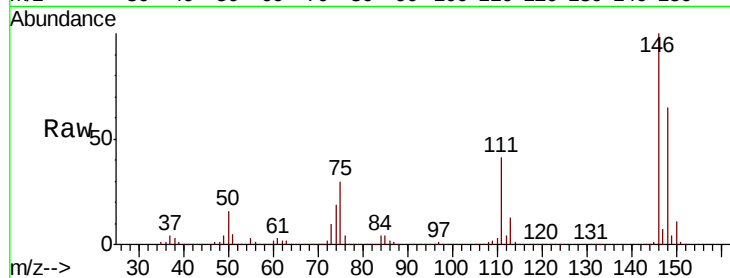




#13  
 1,4-Dichlorobenzene  
 Concen: 49.288 ng  
 RT: 6.72 min Scan# 787  
 Delta R.T. -0.00 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

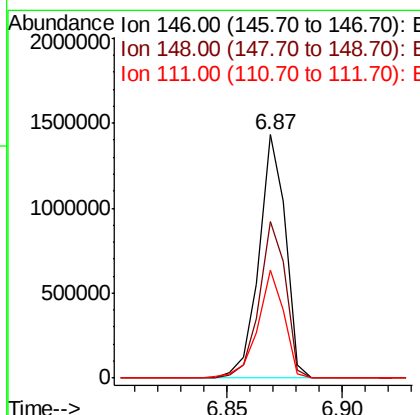
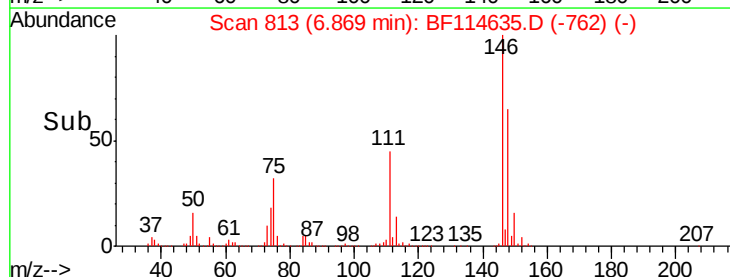
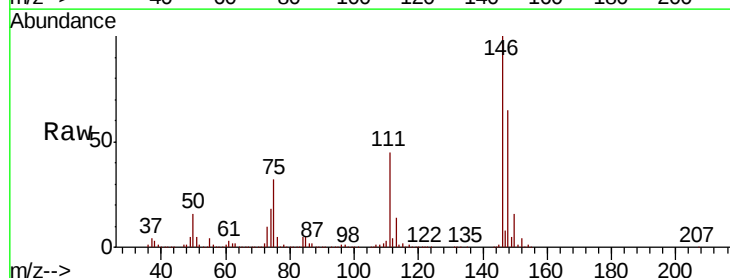
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

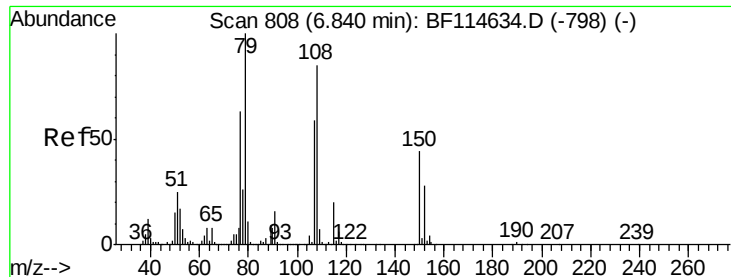
Tot Ion:146 Resp: 1264113  
 Ion Ratio Lower Upper  
 146 100  
 148 65.3 52.5 78.7  
 111 41.3 31.4 47.2



#14  
 1,2-Dichlorobenzene  
 Concen: 49.138 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. -0.00 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

Tgt Ion:146 Resp: 1151398  
 Ion Ratio Lower Upper  
 146 100  
 148 64.5 52.6 79.0  
 111 44.5 34.1 51.1





#15

Benzyl Alcohol

Concen: 46.732 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

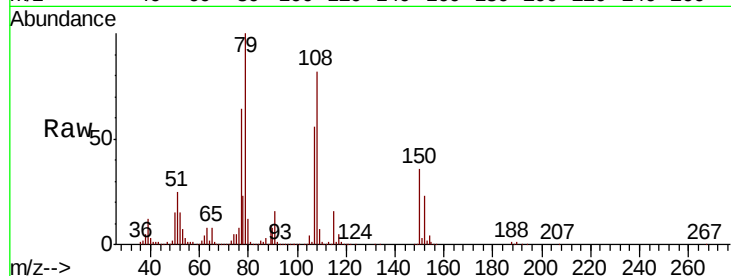
Tot Ion: 79 Resp: 915594

Ion Ratio Lower Upper

79 100

108 81.6 67.8 101.8

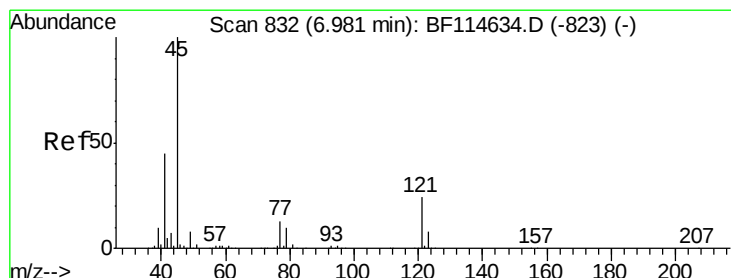
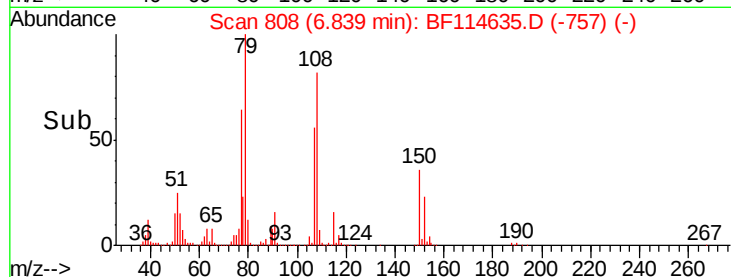
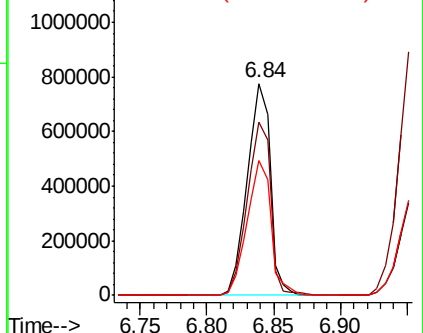
77 63.5 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.995 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

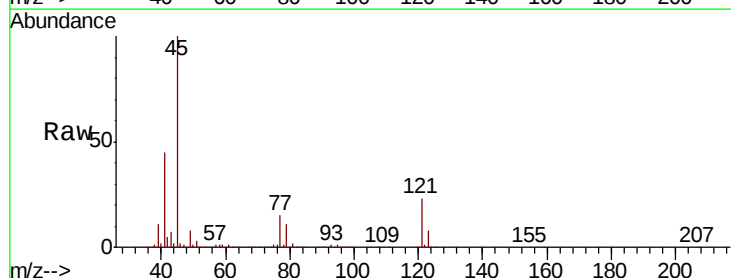
Tgt Ion: 45 Resp: 1652788

Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.7

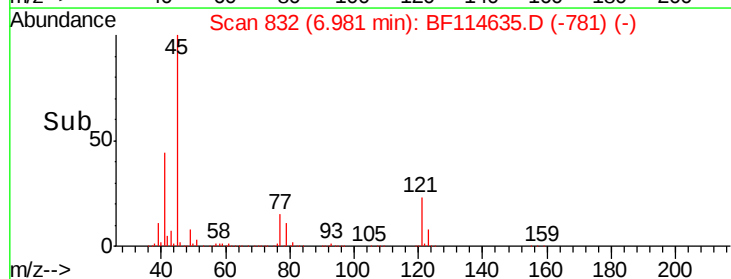
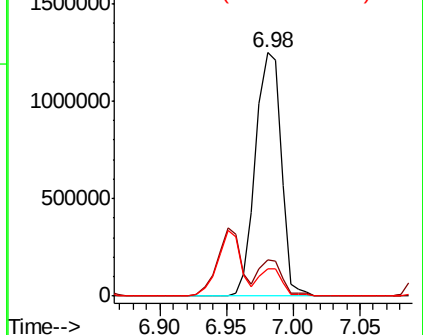
79 11.0 0.0 31.3

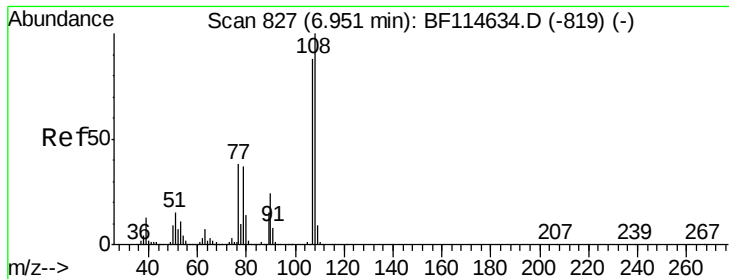


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 50.179 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:107 Resp: 934629

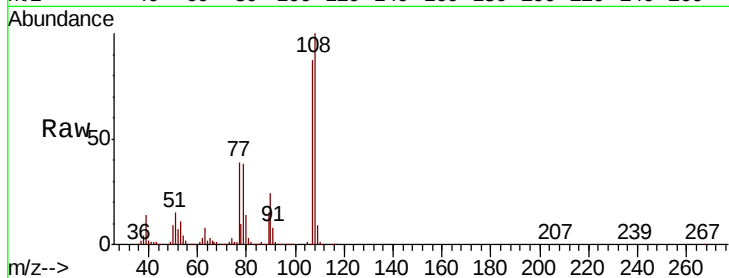
Ion Ratio Lower Upper

107 100

108 114.4 91.1 136.7

77 44.7 34.9 52.3

79 43.2 33.8 50.6

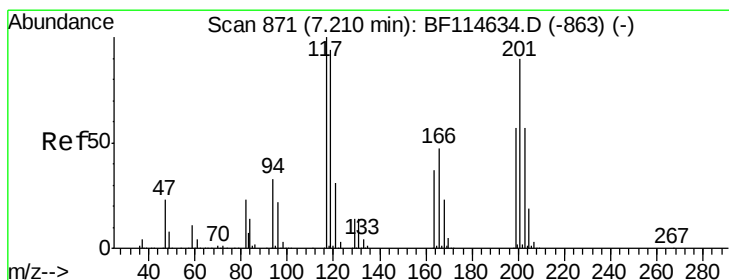
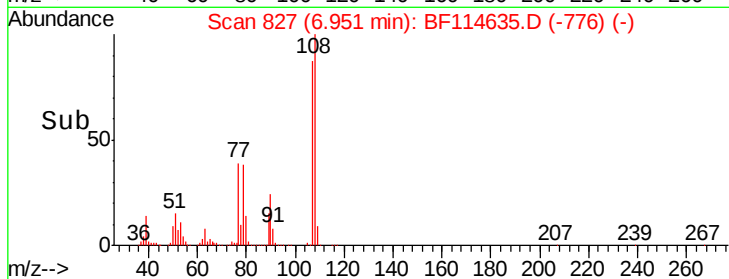
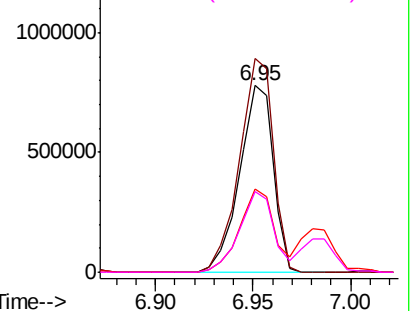


Abundance Ion 107.00 (106.70 to 107.70): E

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: 50.314 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

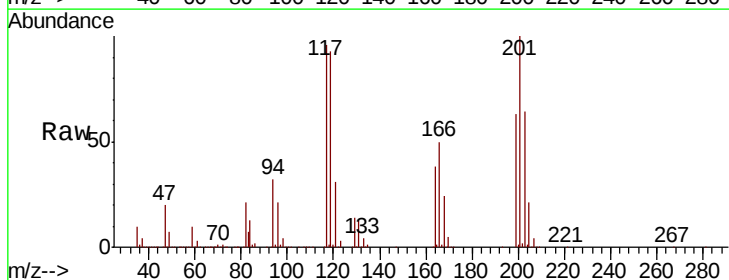
Tgt Ion:117 Resp: 484376

Ion Ratio Lower Upper

117 100

119 96.9 75.6 113.4

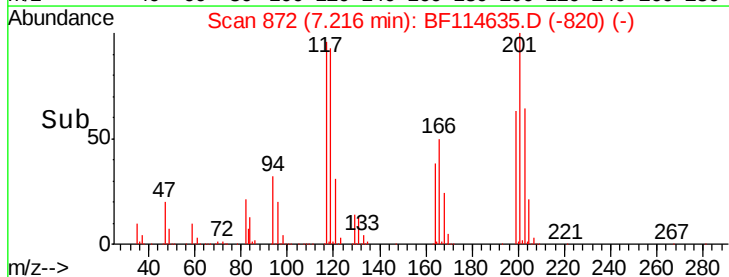
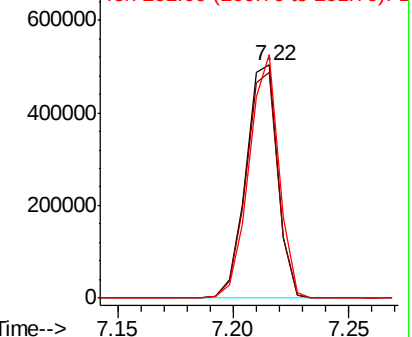
201 104.6 71.7 107.5

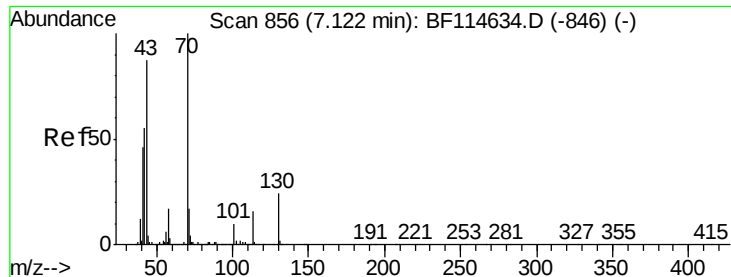


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

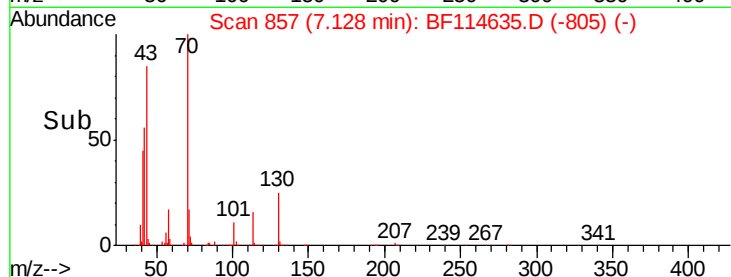
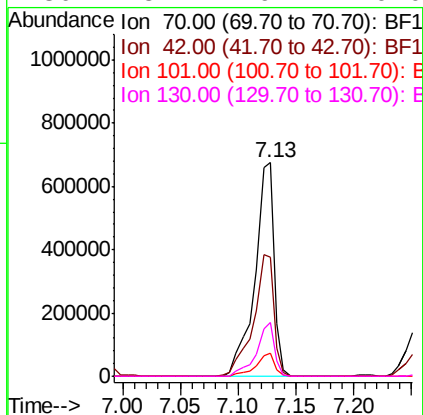
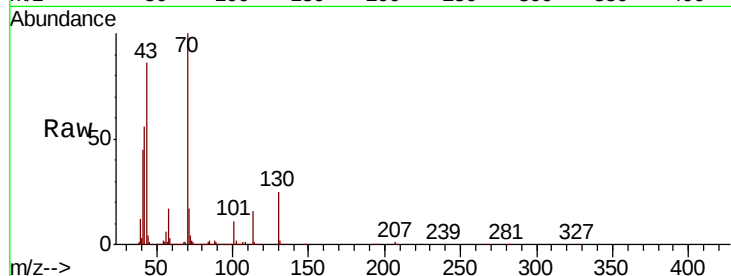




#19  
n-Nitroso-di-n-propylamine  
Concen: 49.822 ng  
RT: 7.13 min Scan# 857  
Delta R.T. 0.01 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

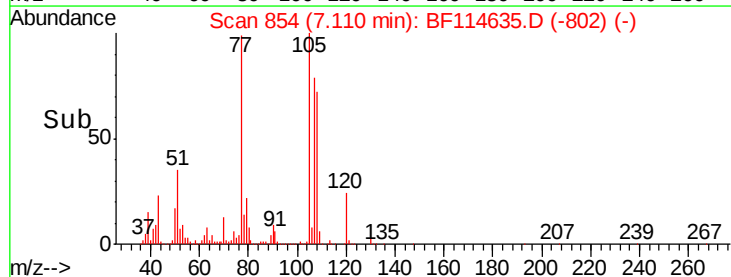
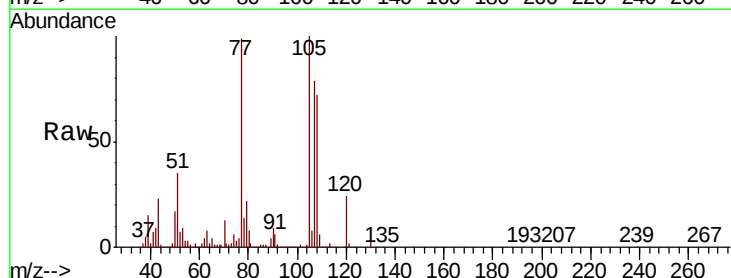
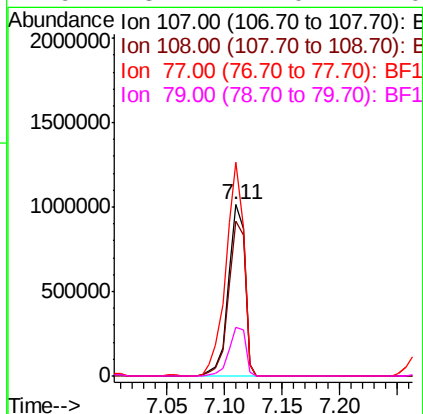
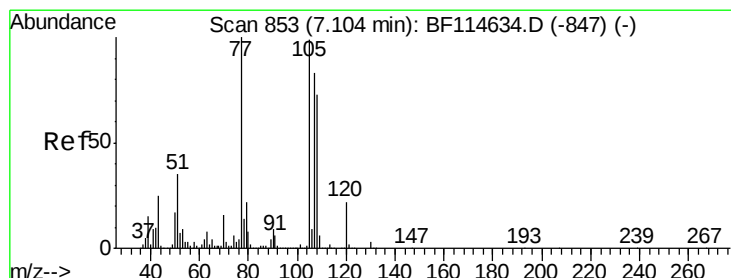
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

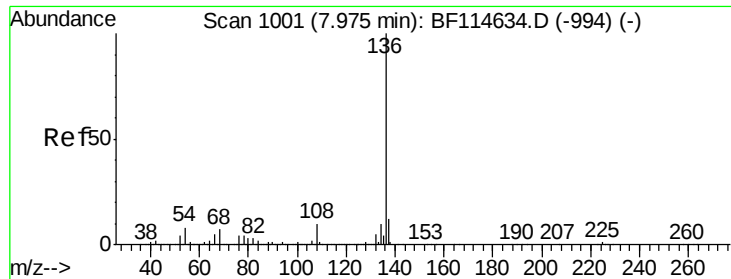
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 793294 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 55.9  | 44.4  | 66.6   |
| 101      | 10.6  | 8.2   | 12.4   |
| 130      | 25.2  | 19.4  | 29.0   |



#20  
3+4-Methylphenols  
Concen: 46.568 ng  
RT: 7.11 min Scan# 854  
Delta R.T. 0.01 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1002156 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 90.8  | 68.6  | 108.6   |
| 77       | 124.7 | 100.5 | 140.5   |
| 79       | 28.1  | 7.0   | 47.0    |

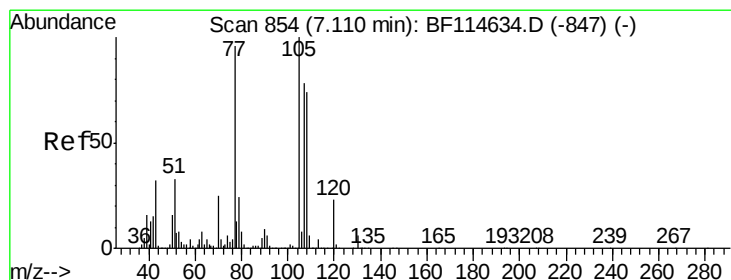
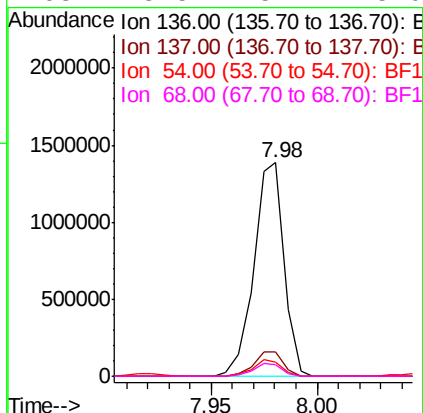
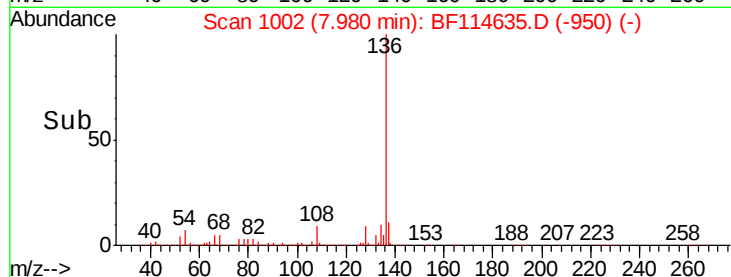
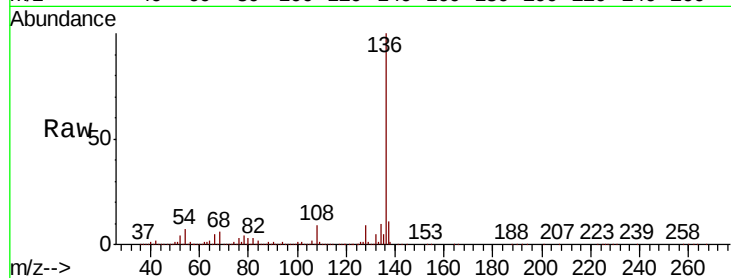




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.98 min Scan# 1002  
Delta R.T. 0.01 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

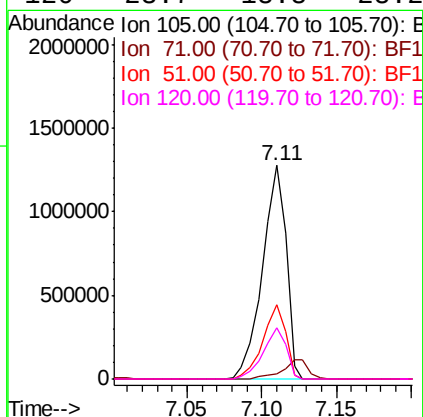
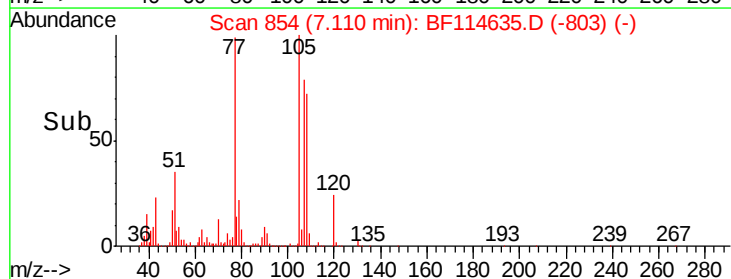
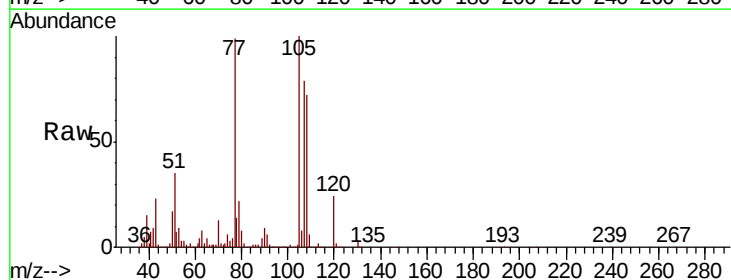
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

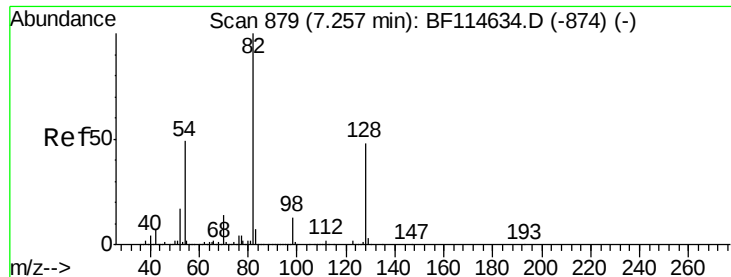
|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1373106 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 11.2    | 9.3 13.9      |
| 54 6.7      | 6.3 9.5       |
| 68 5.5      | 5.4 8.0       |



#22  
Acetophenone  
Concen: 45.730 ng  
RT: 7.11 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 1391063 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 2.3     | 3.6   | 5.4#    |
| 51  | 35.0    | 26.0  | 39.0    |
| 120 | 23.7    | 18.8  | 28.2    |

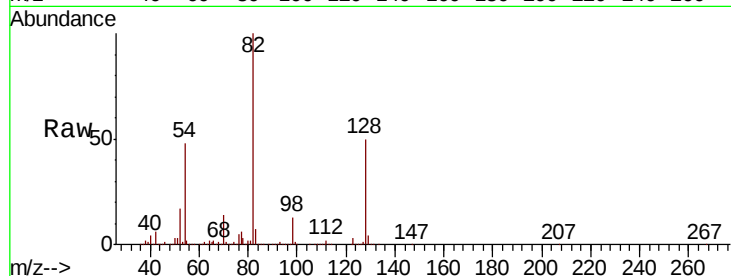




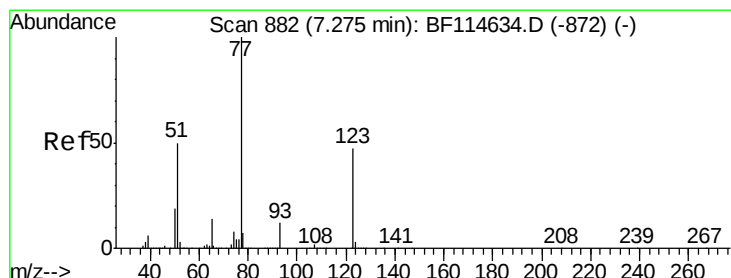
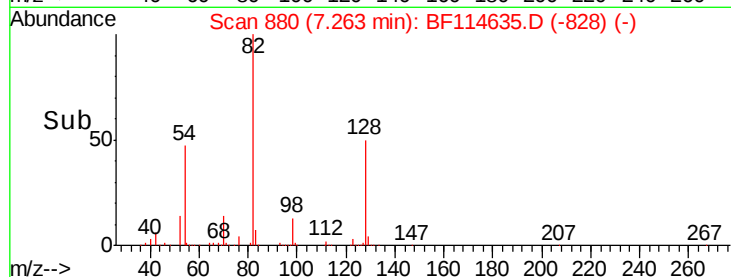
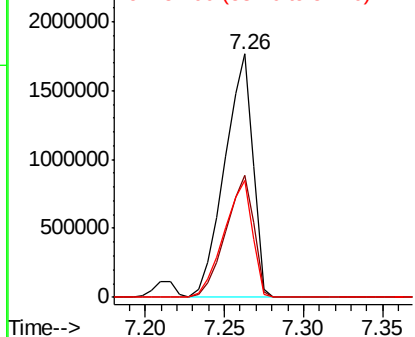
#23  
 Nitrobenzene-d5  
 Concen: 89.164 ng  
 RT: 7.26 min Scan# 880  
 Delta R.T. 0.01 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion: 82 Resp: 2181604  
 Ion Ratio Lower Upper  
 82 100  
 128 50.3 38.5 57.7  
 54 48.2 39.1 58.7

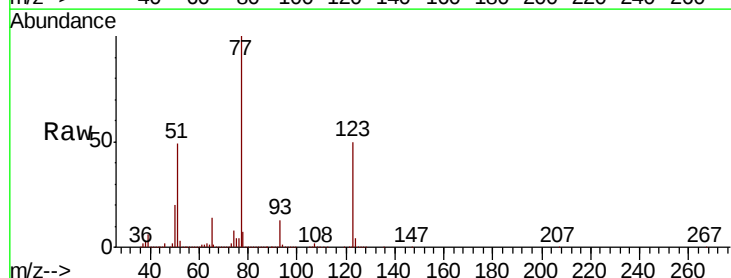


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

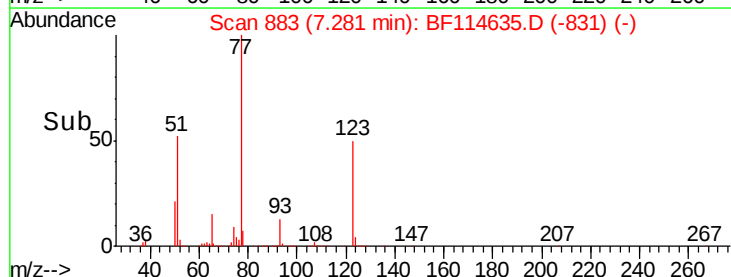
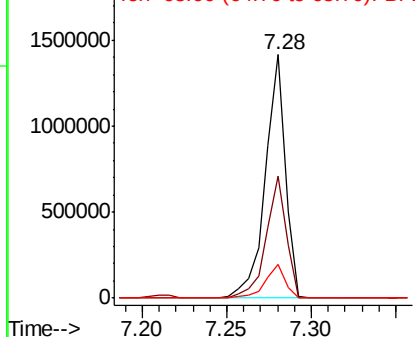


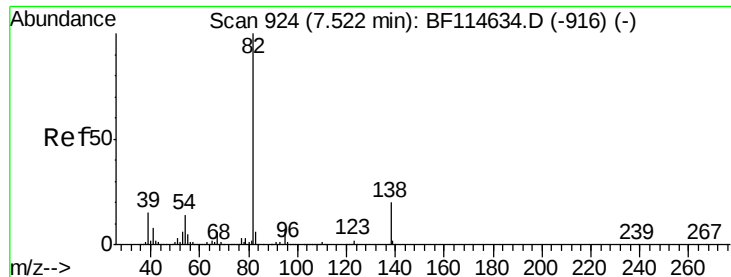
#24  
 Nitrobenzene  
 Concen: 46.574 ng  
 RT: 7.28 min Scan# 883  
 Delta R.T. 0.01 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

Tgt Ion: 77 Resp: 1160622  
 Ion Ratio Lower Upper  
 77 100  
 123 50.3 38.5 57.7  
 65 13.7 11.2 16.8



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





#25

Isophorone

Concen: 47.521 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

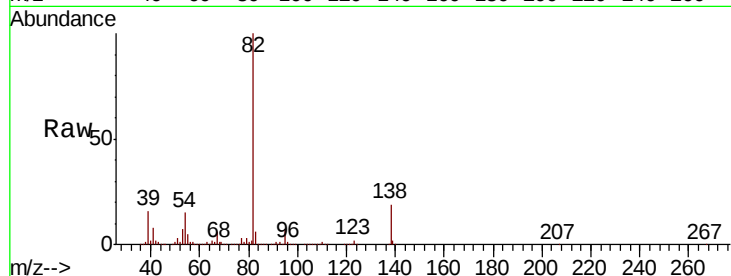
Tot Ion: 82 Resp: 2156357

Ion Ratio Lower Upper

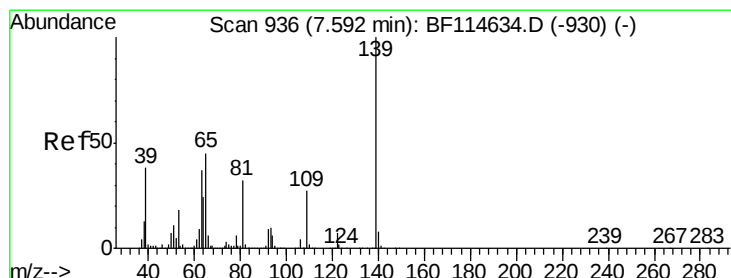
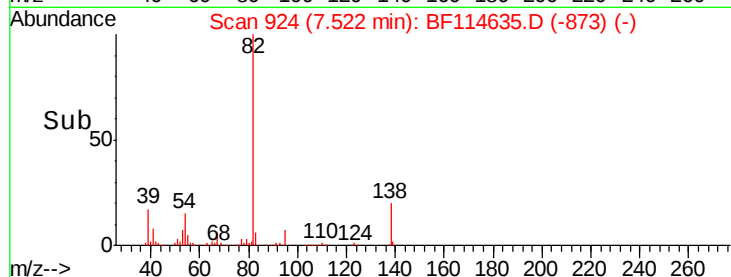
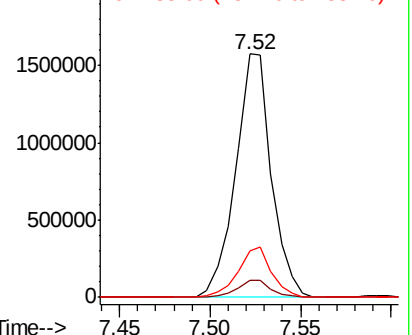
82 100

95 7.0 5.6 8.4

138 19.3 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: 47.487 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

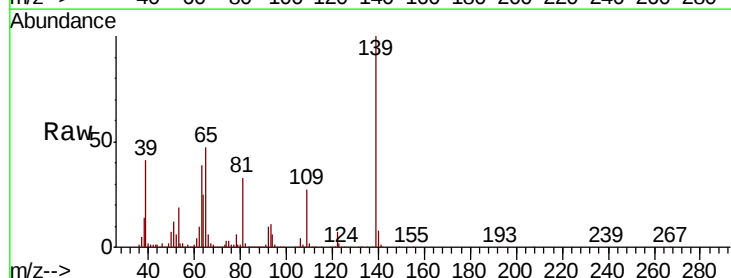
Tgt Ion: 139 Resp: 574135

Ion Ratio Lower Upper

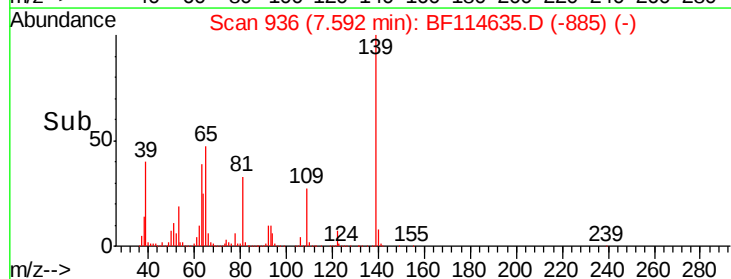
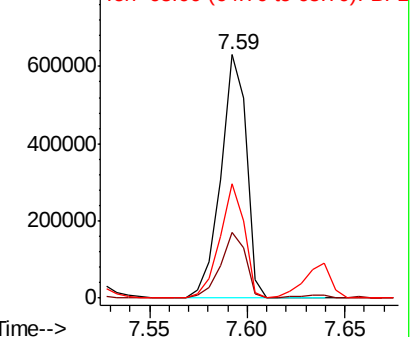
139 100

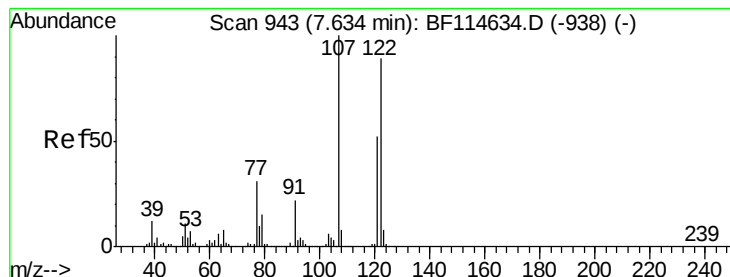
109 26.8 21.7 32.5

65 46.9 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: 48.504 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

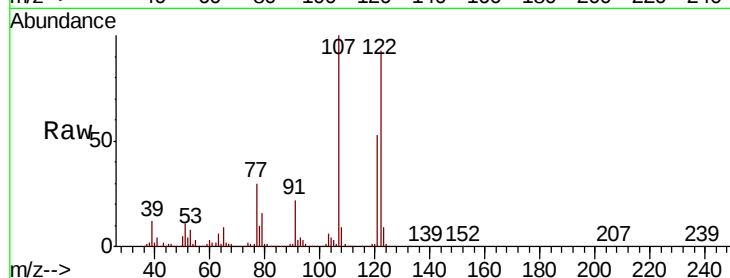
Tot Ion:122 Resp: 921036

Ion Ratio Lower Upper

122 100

107 108.1 89.3 133.9

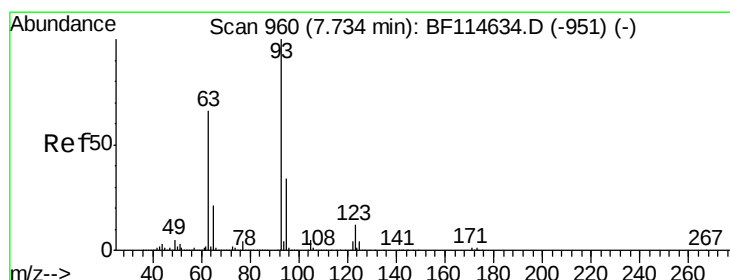
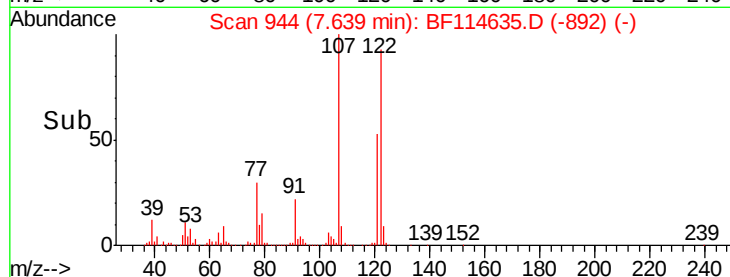
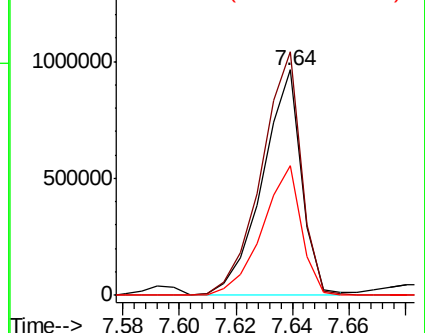
121 57.6 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.074 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

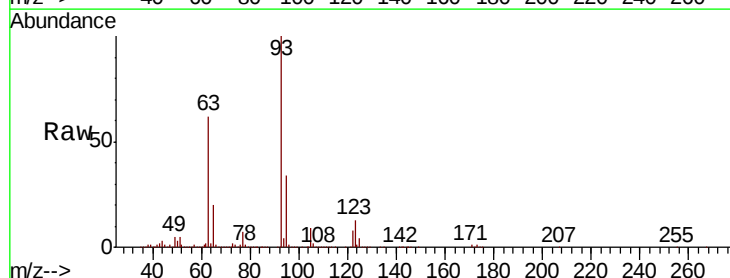
Tgt Ion: 93 Resp: 1385980

Ion Ratio Lower Upper

93 100

95 34.1 27.0 40.4

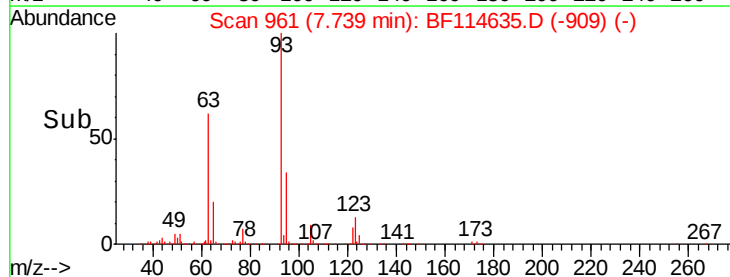
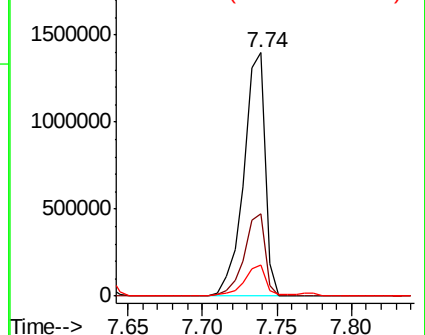
123 13.0 10.2 15.2

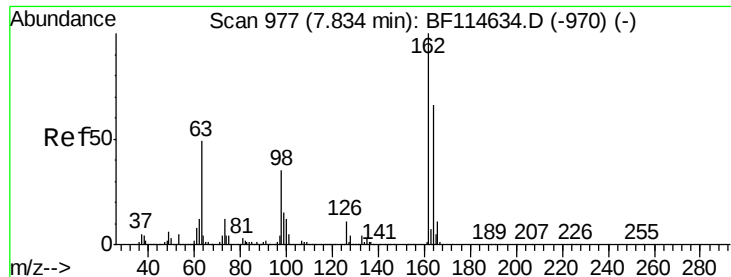


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

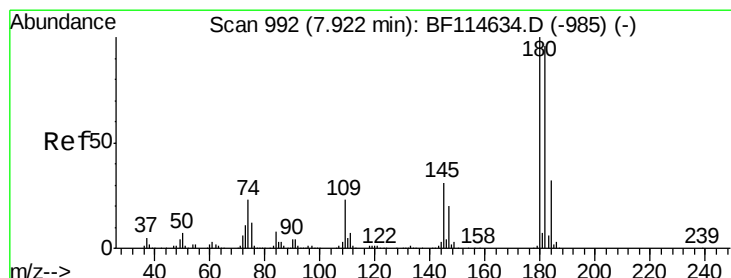
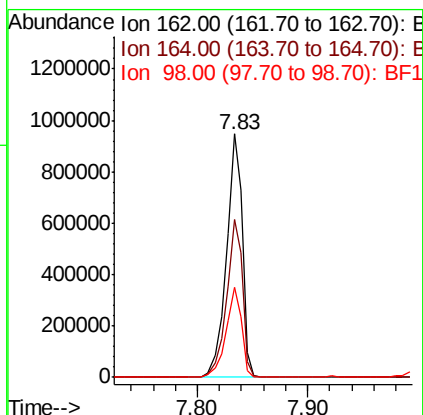
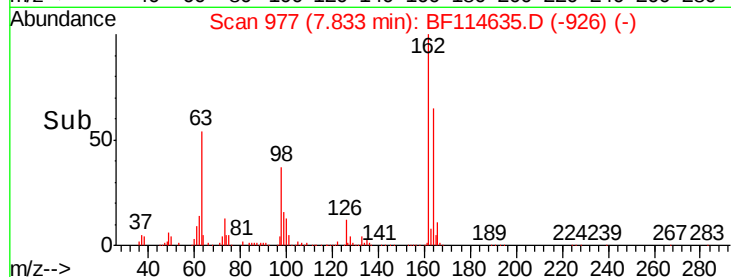
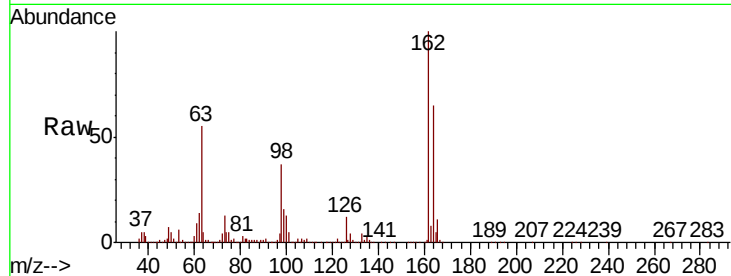




#29  
2,4-Dichlorophenol  
Concen: 50.342 ng  
RT: 7.83 min Scan# 977  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

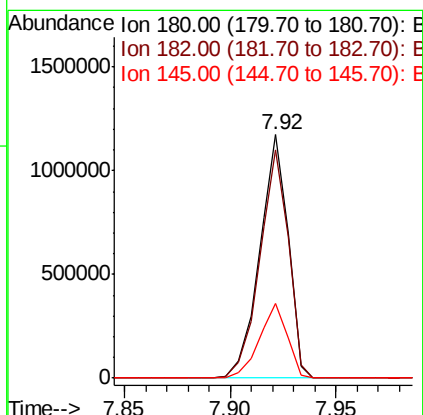
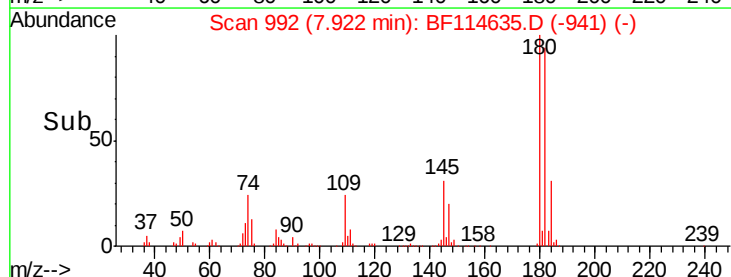
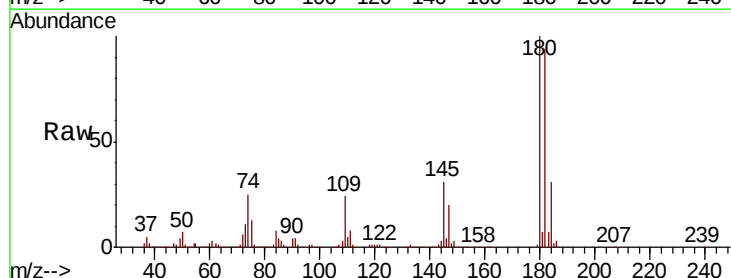
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

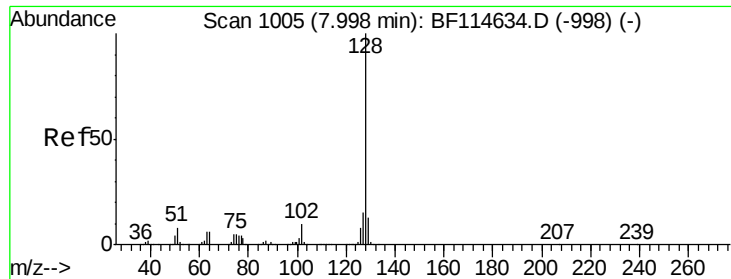
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.8  | 45.8  | 85.8  |
| 98      | 37.0  | 14.9  | 54.9  |



#30  
1,2,4-Trichlorobenzene  
Concen: 50.832 ng  
RT: 7.92 min Scan# 992  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.8  | 76.9  | 115.3 |
| 145     | 30.6  | 24.5  | 36.7  |

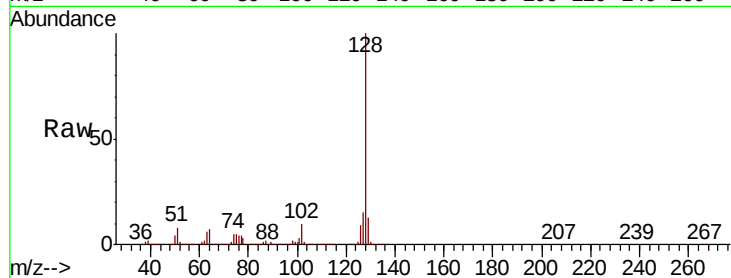




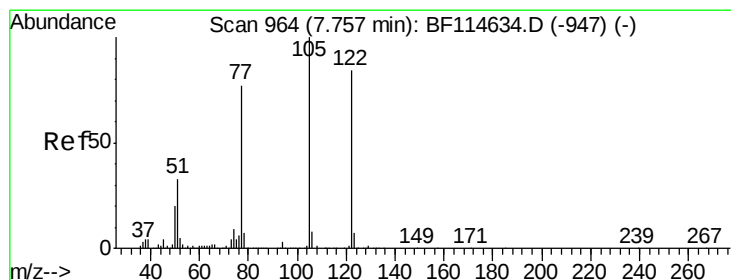
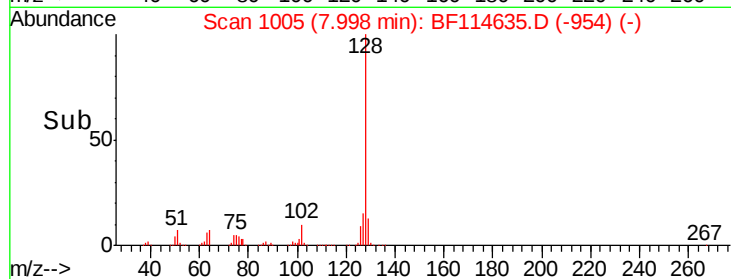
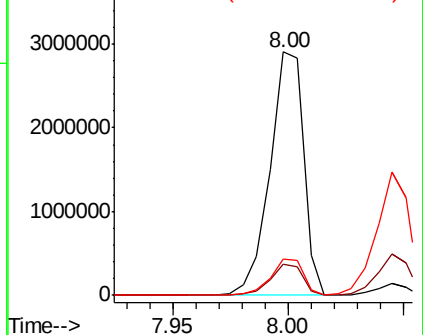
#31  
Naphthalene  
Concen: 45.794 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:128 Resp: 2937226  
Ion Ratio Lower Upper  
128 100  
129 13.0 10.2 15.2  
127 14.8 11.9 17.9

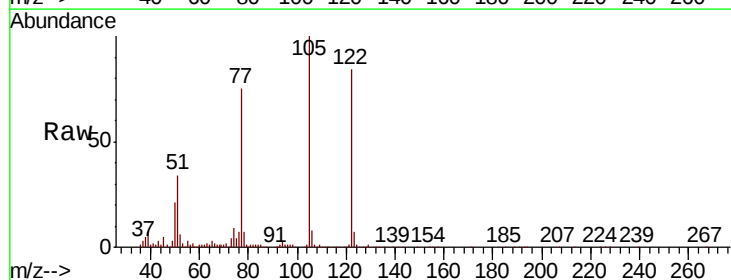


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

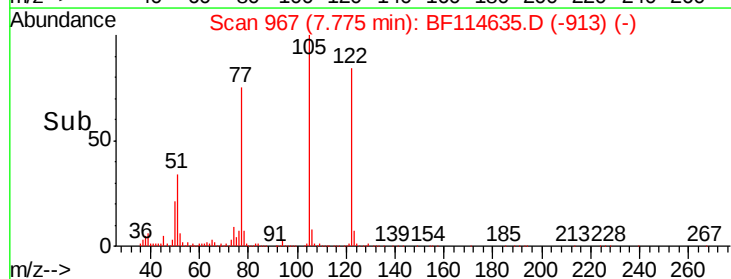
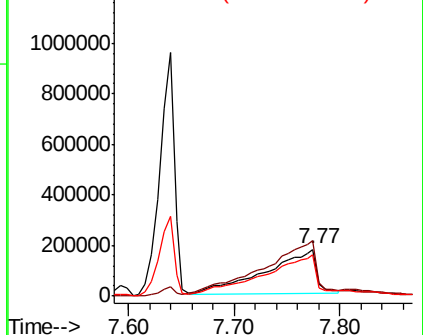


#32  
Benzoic acid  
Concen: 46.864 ng  
RT: 7.77 min Scan# 967  
Delta R.T. 0.02 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Tgt Ion:122 Resp: 582726  
Ion Ratio Lower Upper  
122 100  
105 118.9 98.3 138.3  
77 89.1 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

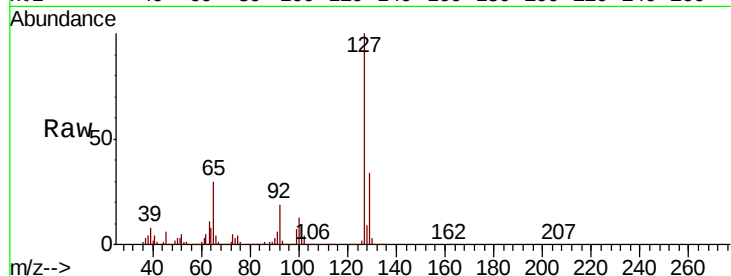




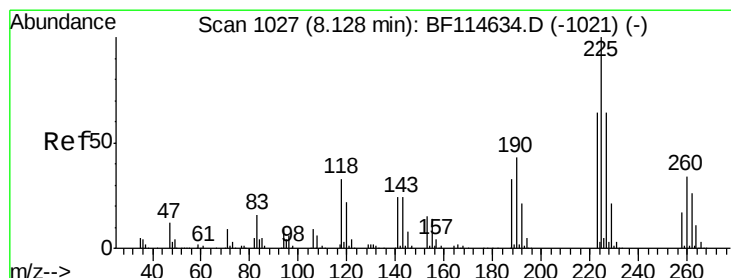
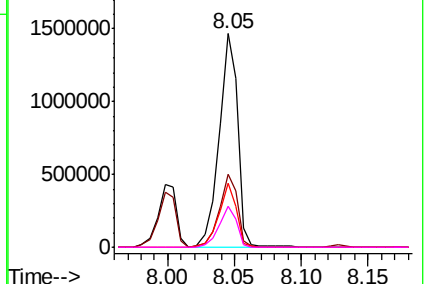
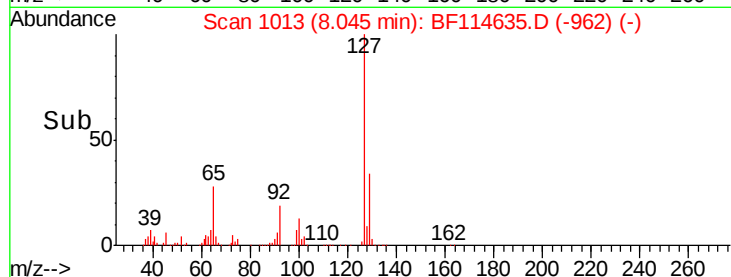
#33  
4-Chloroaniline  
Concen: 49.494 ng  
RT: 8.05 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

|             |               |
|-------------|---------------|
| Tot Ion:127 | Resp: 1446608 |
| Ion Ratio   | Lower Upper   |
| 127 100     |               |
| 129 34.0    | 26.7 40.1     |
| 65 29.9     | 22.5 33.7     |
| 92 19.0     | 14.6 22.0     |

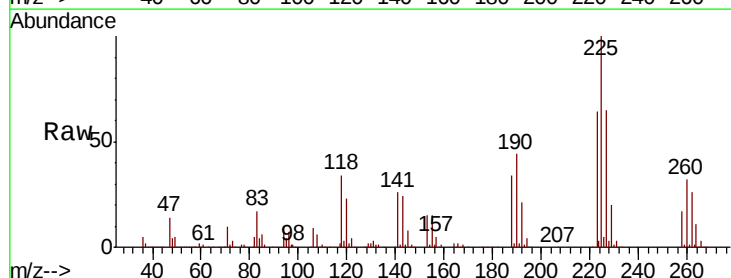


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

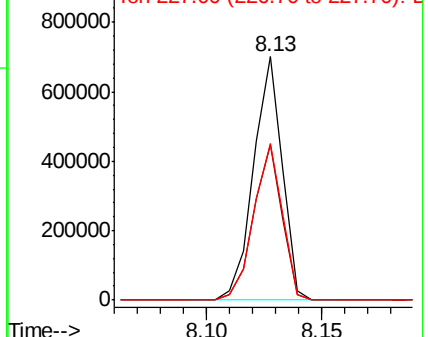
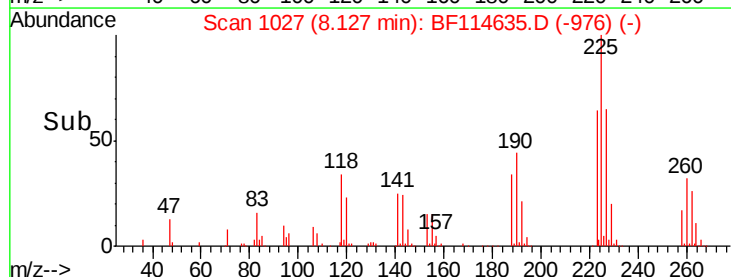


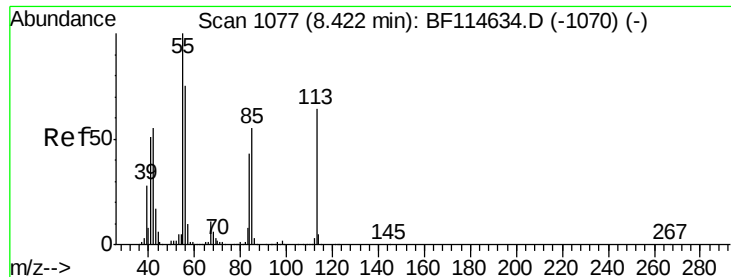
#34  
Hexachlorobutadiene  
Concen: 49.740 ng  
RT: 8.13 min Scan# 1027  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

|         |       |             |              |
|---------|-------|-------------|--------------|
| Tgt Ion | 225   | Resp: Lower | 608518 Upper |
|         | Ratio |             |              |
| 225     | 100   |             |              |
| 223     | 63.9  | 50.9        | 76.3         |
| 227     | 64.5  | 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

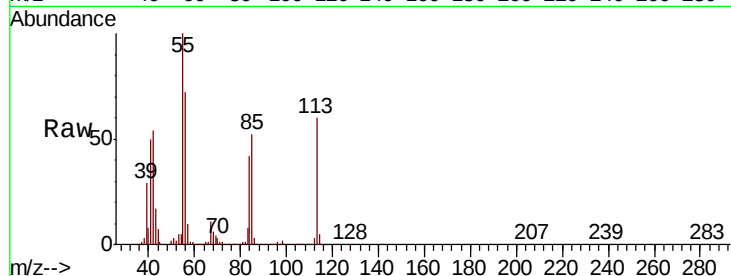




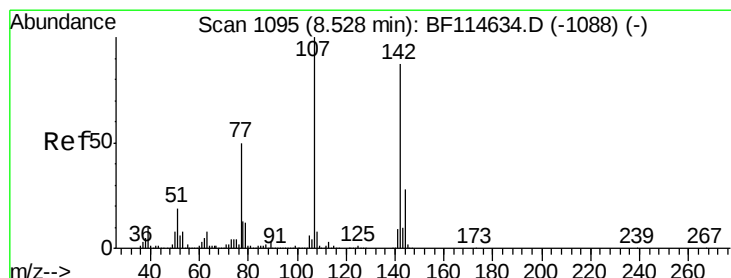
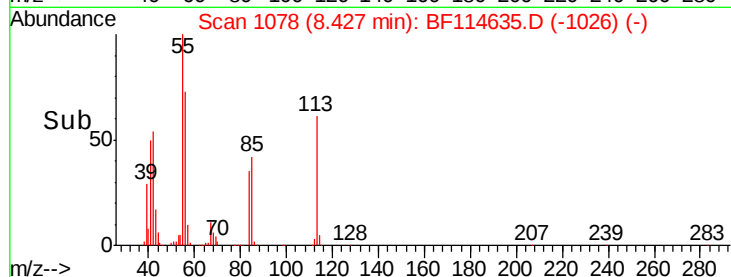
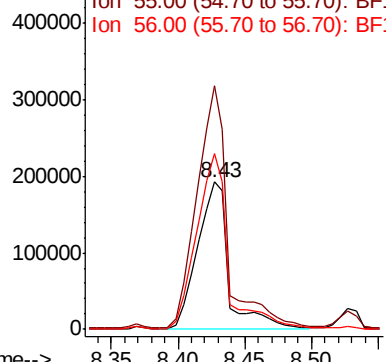
#35  
Caprolactam  
Concen: 51.659 ng  
RT: 8.43 min Scan# 1078  
Delta R.T. 0.01 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:113 Resp: 318506  
Ion Ratio Lower Upper  
113 100  
55 165.5 136.4 176.4  
56 119.8 97.0 137.0

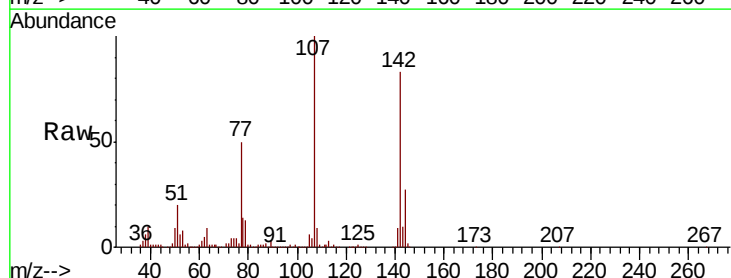


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

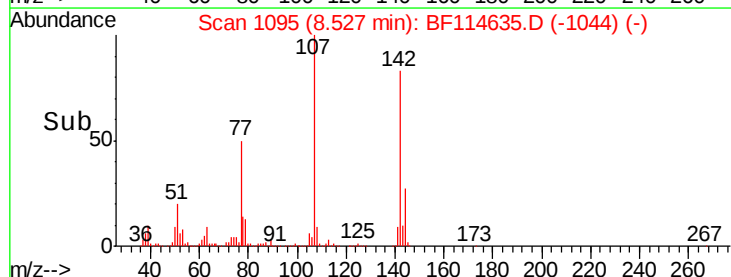
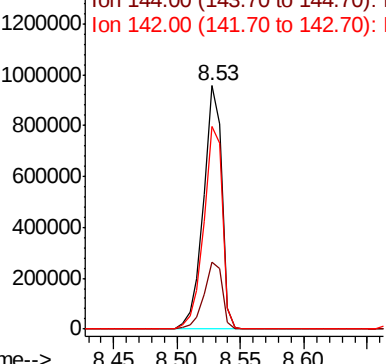


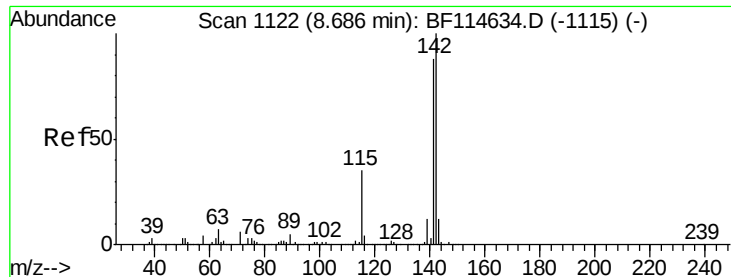
#36  
4-Chloro-3-methylphenol  
Concen: 49.816 ng  
RT: 8.53 min Scan# 1095  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Tgt Ion:107 Resp: 948134  
Ion Ratio Lower Upper  
107 100  
144 27.4 22.5 33.7  
142 83.3 69.8 104.6



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

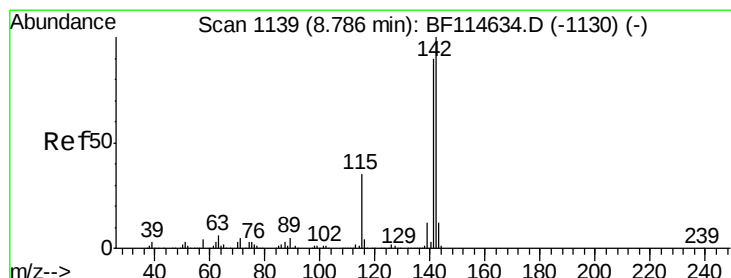
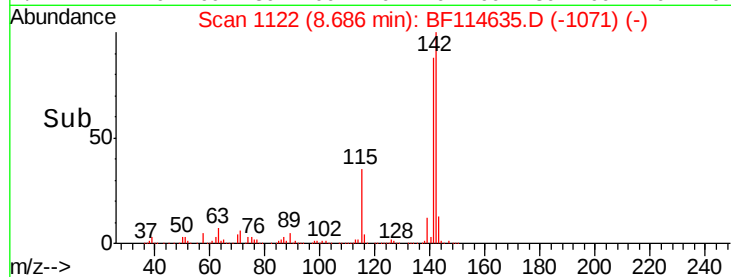
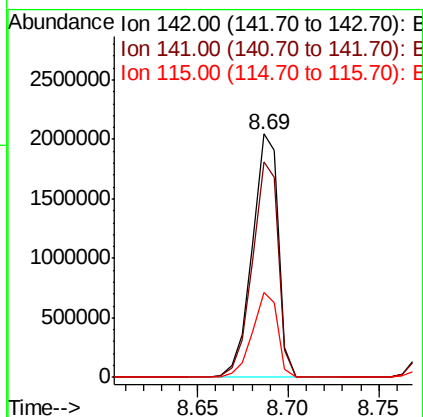
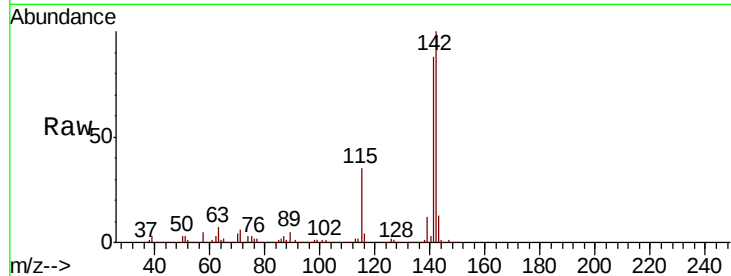




#37  
2-Methylnaphthalene  
Concen: 49.418 ng  
RT: 8.69 min Scan# 1122  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

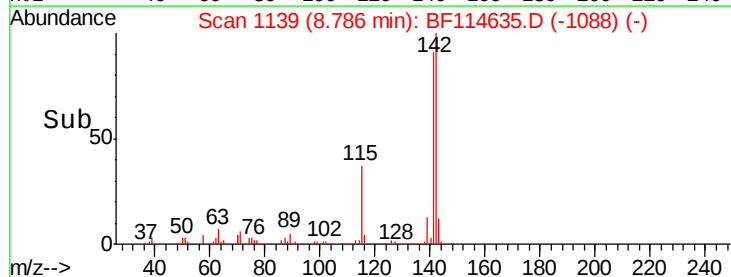
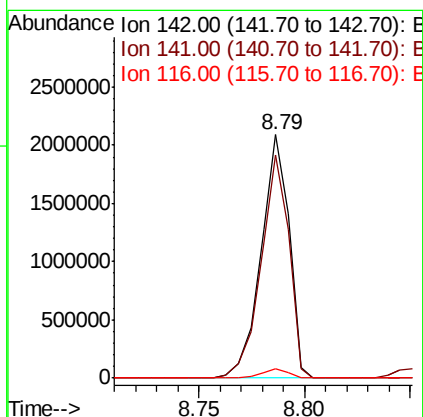
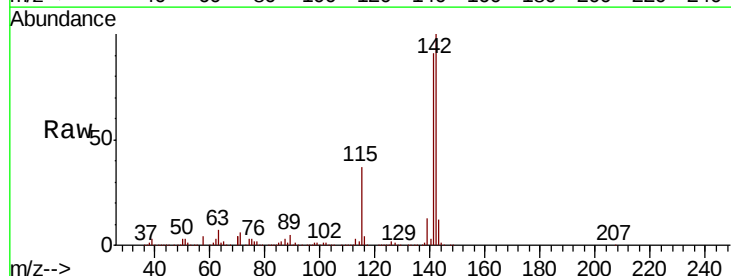
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:142 Resp: 2045063  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.3 105.5  
115 35.0 28.0 42.0



#38  
1-Methylnaphthalene  
Concen: 49.535 ng  
RT: 8.79 min Scan# 1139  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Tgt Ion:142 Resp: 1930422  
Ion Ratio Lower Upper  
142 100  
141 91.5 72.3 108.5  
116 4.0 3.0 4.4

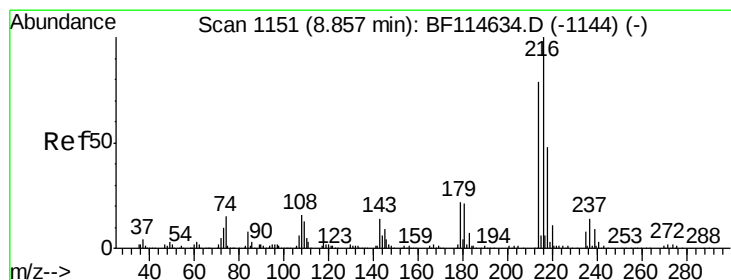
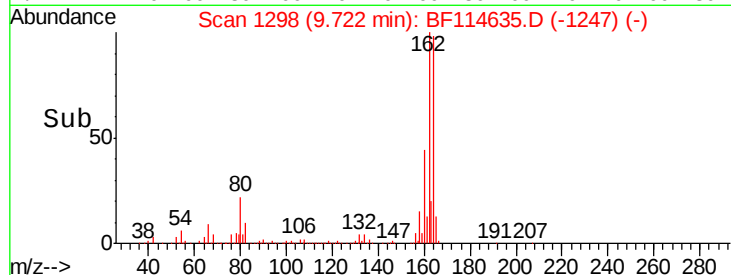
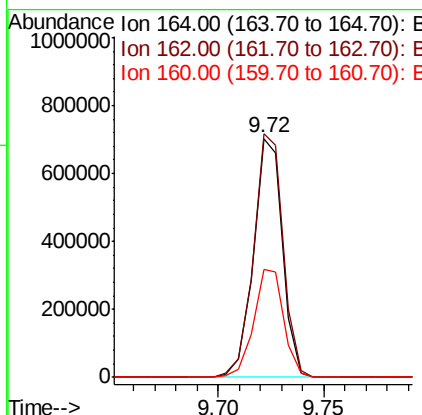
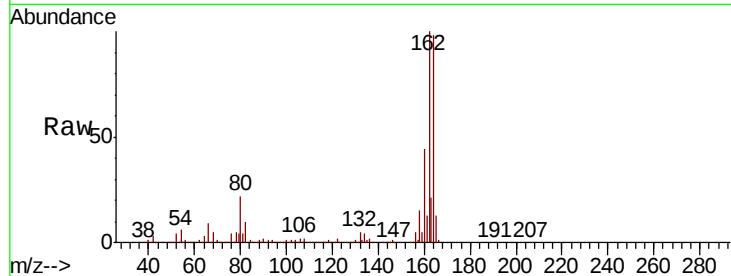




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.72 min Scan# 1298  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

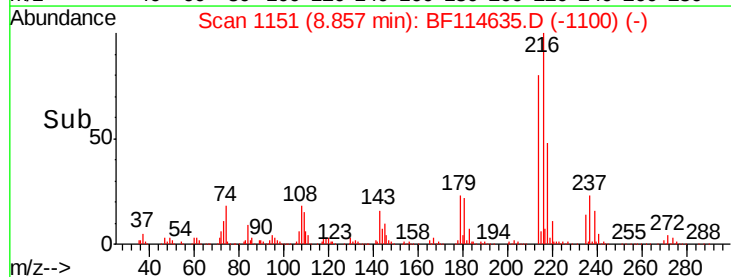
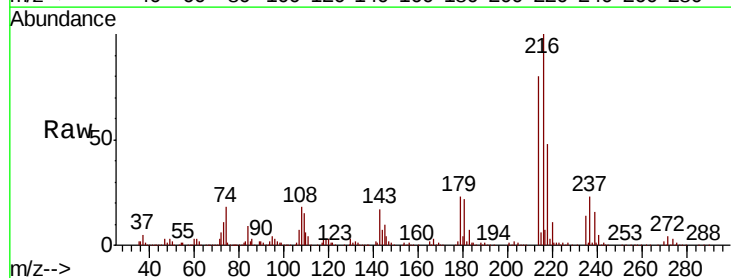
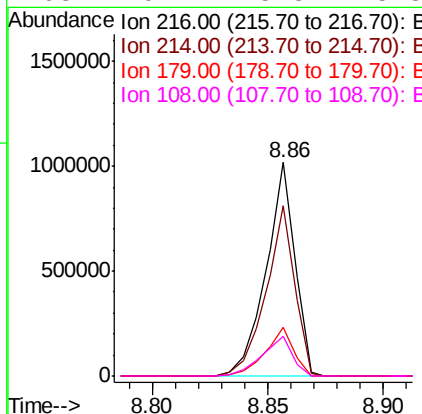
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

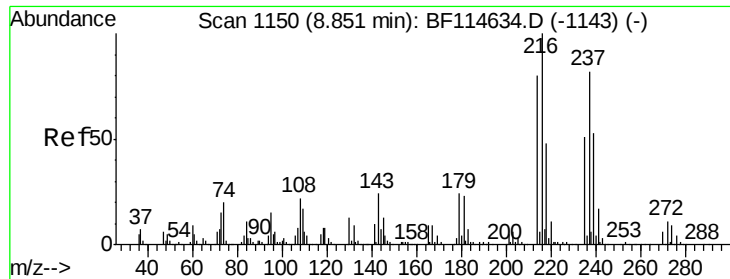
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.0 | 81.4  | 122.2 |
| 160     | 45.3  | 36.6  | 54.8  |



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.331 ng  
RT: 8.86 min Scan# 1151  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.5  | 63.2  | 94.8  |
| 179     | 22.4  | 17.9  | 26.9  |
| 108     | 19.7  | 15.8  | 23.8  |





#41

Hexachlorocyclopentadiene

Concen: 68.639 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

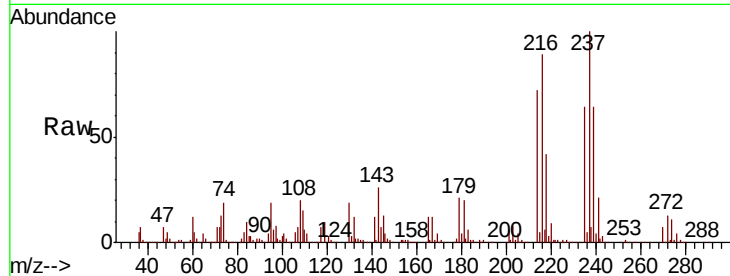
Tot Ion:237 Resp: 587557

Ion Ratio Lower Upper

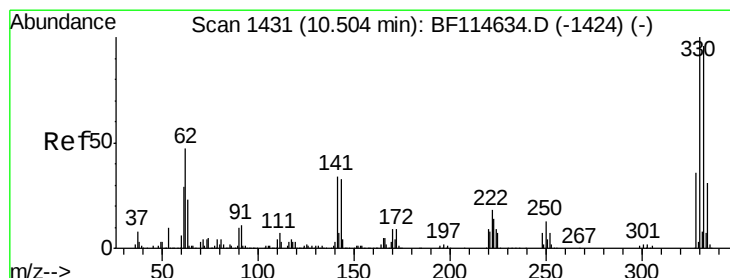
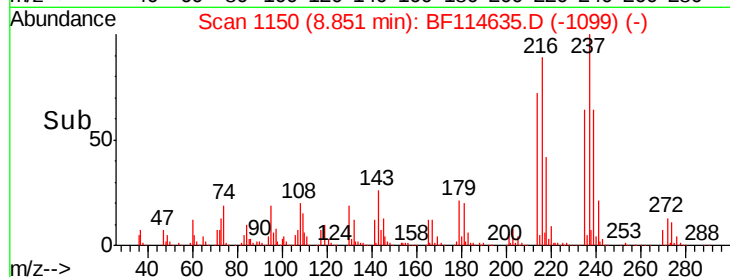
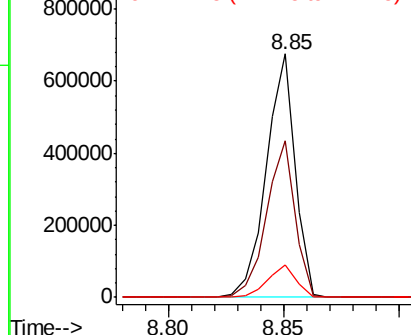
237 100

235 64.2 42.8 82.8

272 13.4 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: 90.184 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

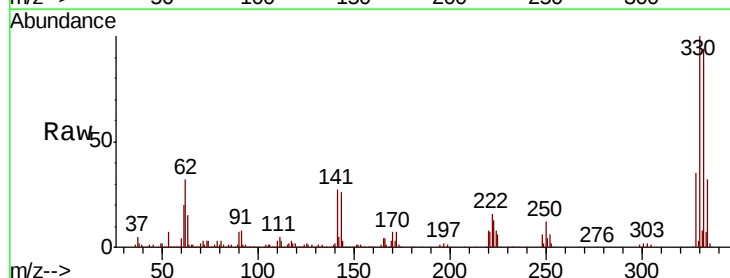
Tgt Ion:330 Resp: 626170

Ion Ratio Lower Upper

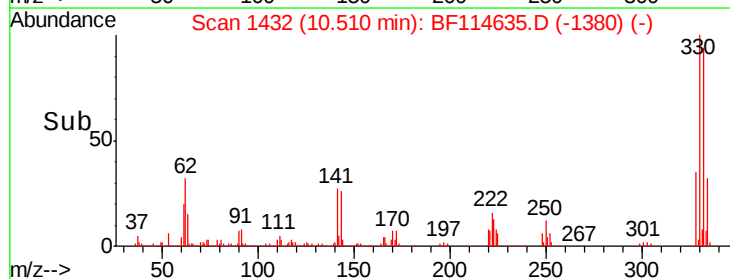
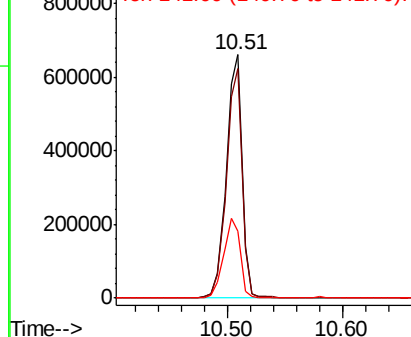
330 100

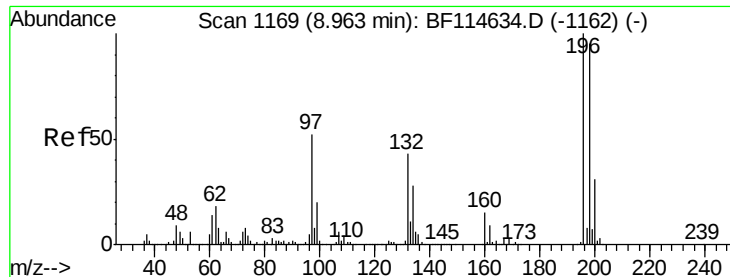
332 94.5 75.8 113.8

141 34.8 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

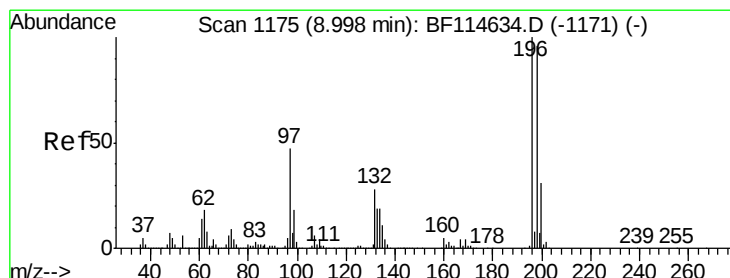
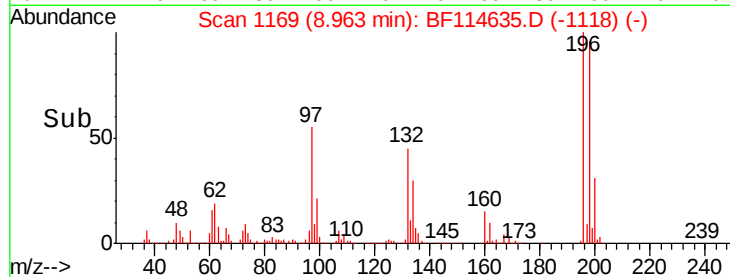
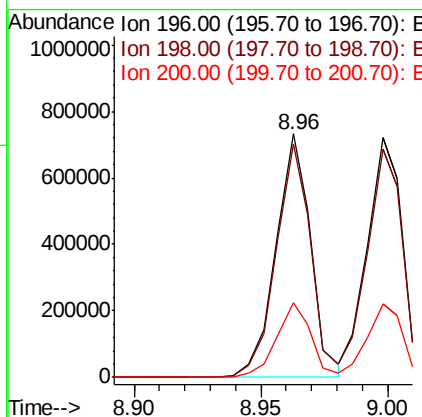
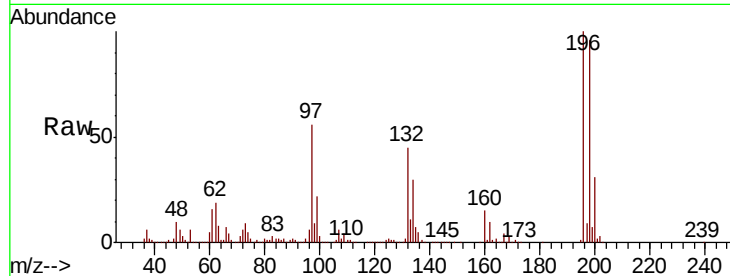




#43  
 2,4,6-Trichlorophenol  
 Concen: 50.259 ng  
 RT: 8.96 min Scan# 1169  
 Delta R.T. -0.00 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

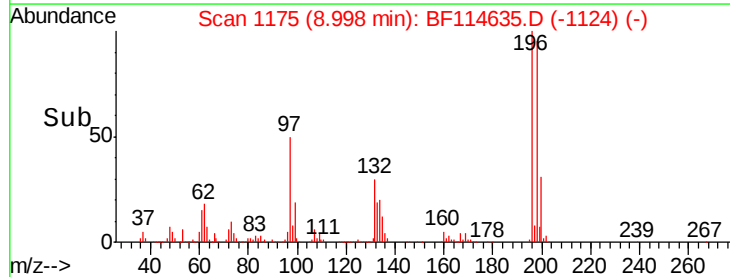
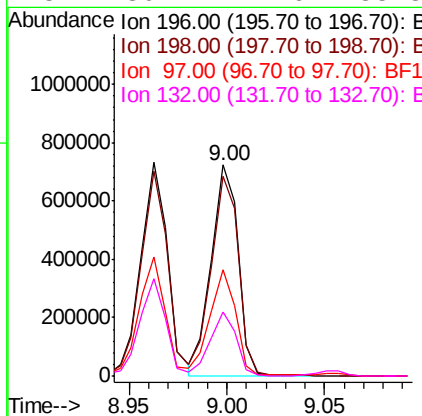
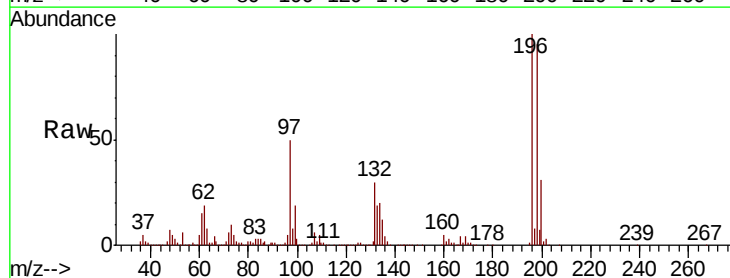
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

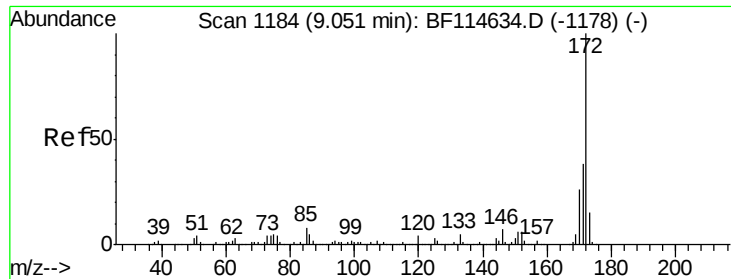
Tot Ion:196 Resp: 703292  
 Ion Ratio Lower Upper  
 196 100  
 198 95.7 76.1 114.1  
 200 30.9 24.7 37.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 48.549 ng  
 RT: 9.00 min Scan# 1175  
 Delta R.T. -0.00 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

Tgt Ion:196 Resp: 696714  
 Ion Ratio Lower Upper  
 196 100  
 198 94.8 76.8 115.2  
 97 50.4 37.8 56.8  
 132 30.1 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 78.183 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

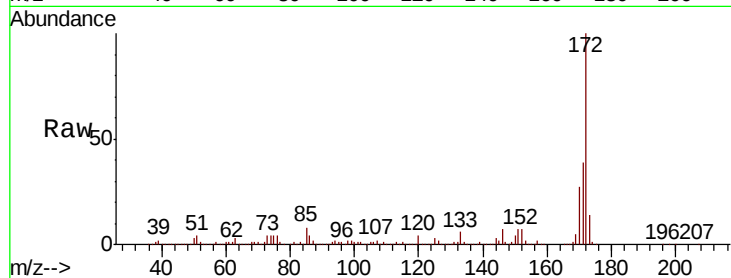
Tot Ion:172 Resp: 3471204

Ion Ratio Lower Upper

172 100

171 39.0 30.6 45.8

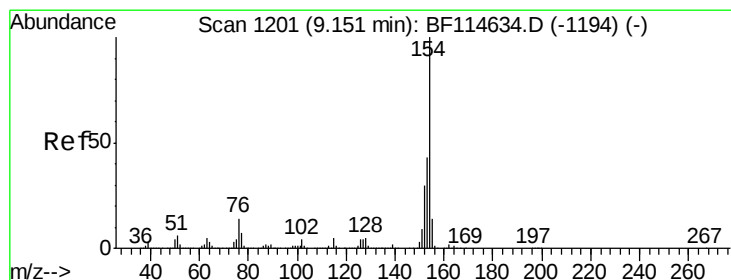
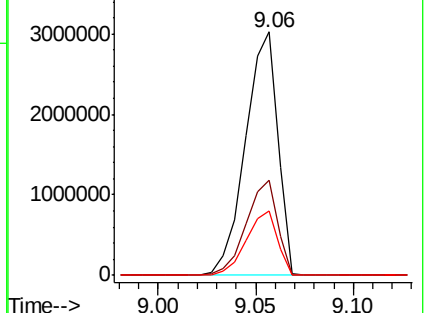
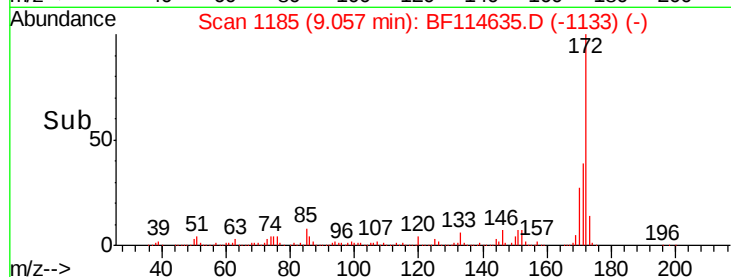
170 26.6 20.7 31.1



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: 43.225 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

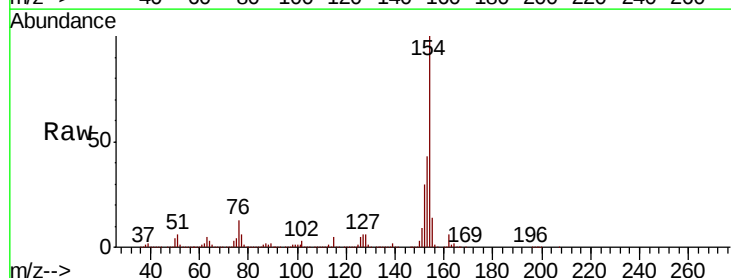
Tgt Ion:154 Resp: 2345226

Ion Ratio Lower Upper

154 100

153 43.0 23.0 63.0

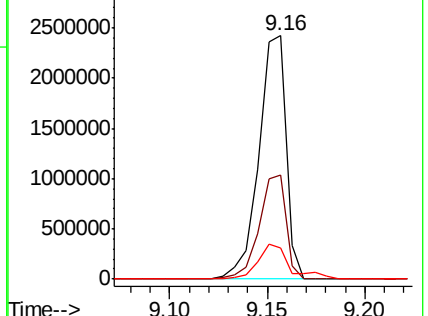
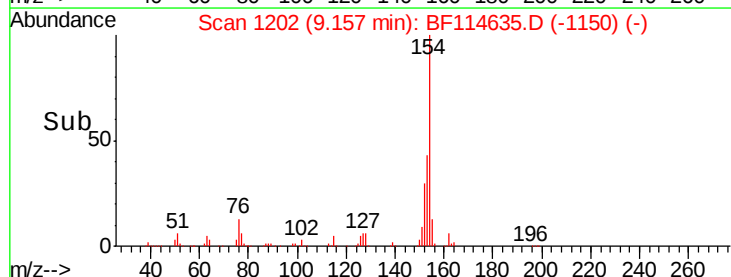
76 12.8 0.0 33.9

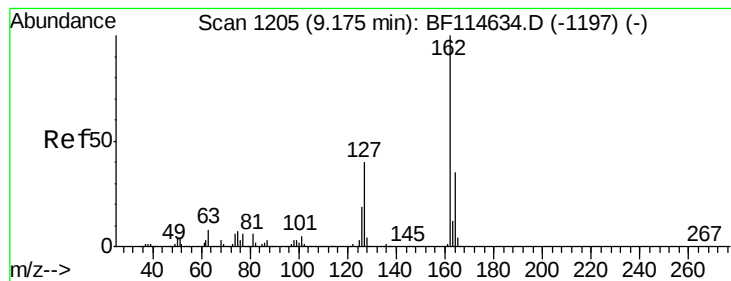


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 46.118 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

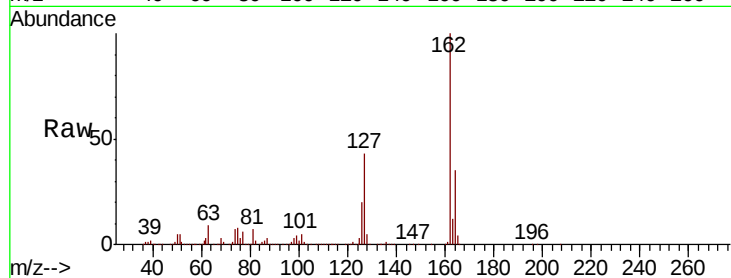
Tot Ion:162 Resp: 2013717

Ion Ratio Lower Upper

162 100

127 42.9 32.2 48.2

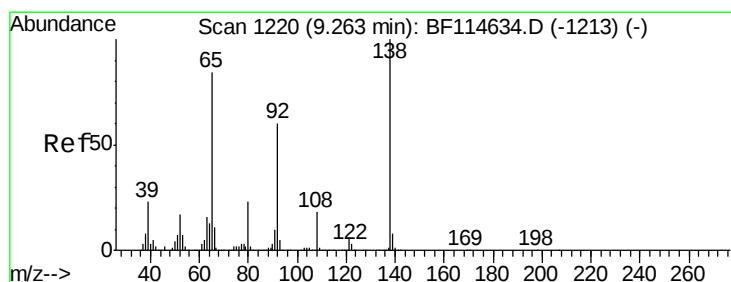
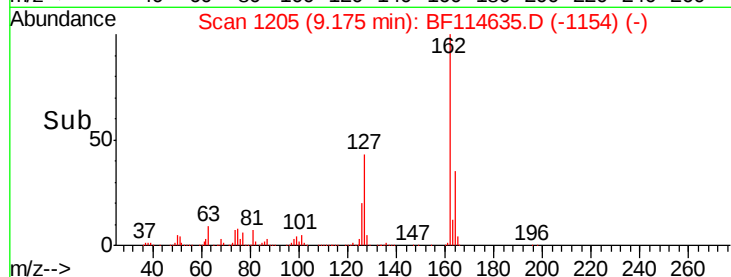
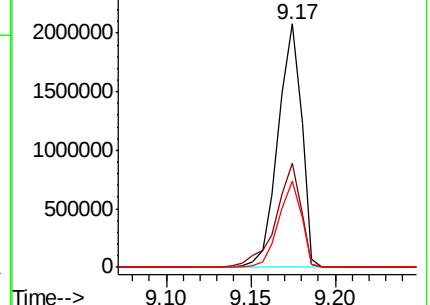
164 35.3 27.8 41.6



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: 41.041 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

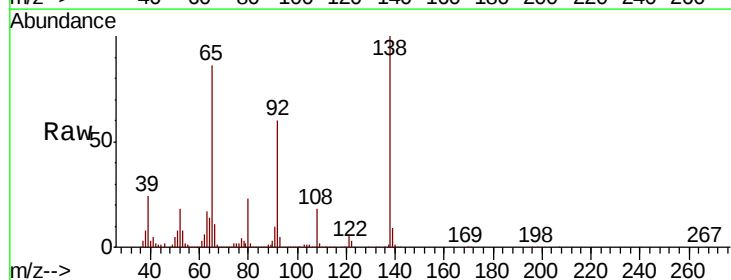
Tgt Ion: 65 Resp: 635539

Ion Ratio Lower Upper

65 100

92 69.7 57.1 85.7

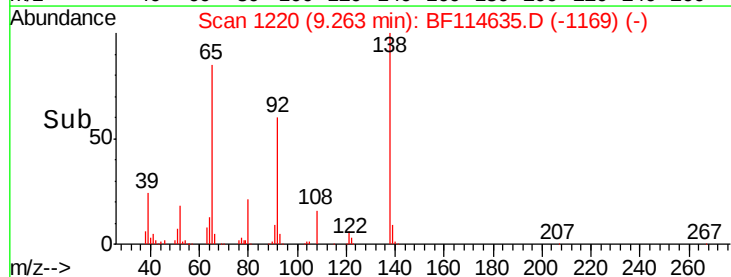
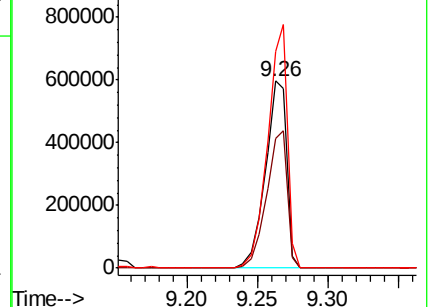
138 116.3 95.8 143.6

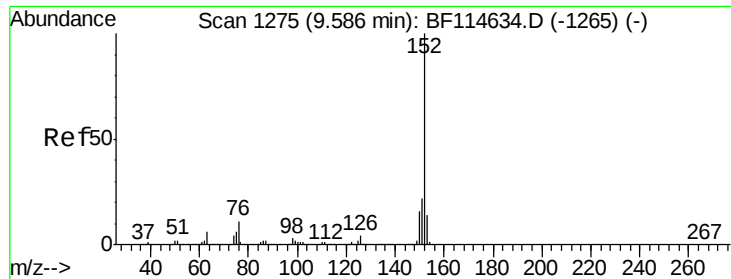


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.769 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

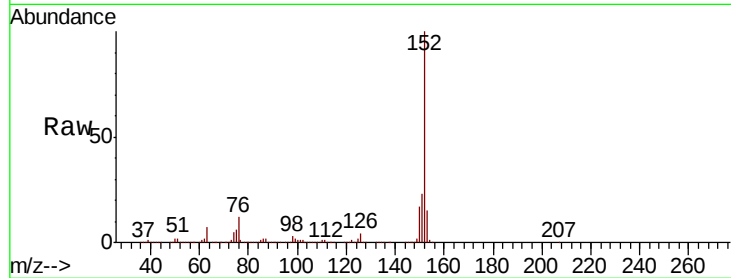
BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion:152 Resp: 2973195

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 22.6  | 17.5  | 26.3  |
| 153 | 15.0  | 11.6  | 17.4  |

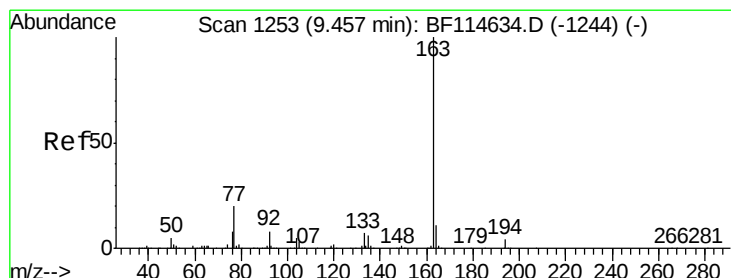
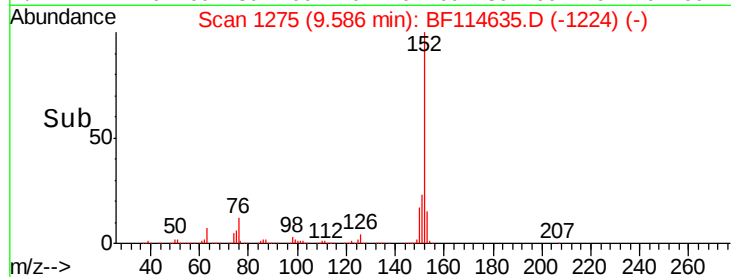
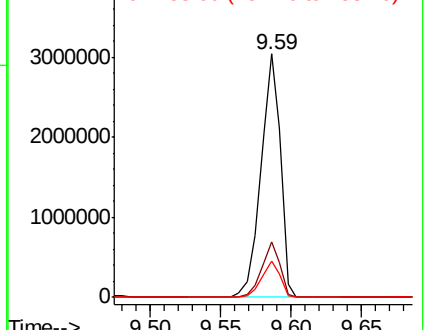


Abundance

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: 46.641 ng

RT: 9.46 min Scan# 1253

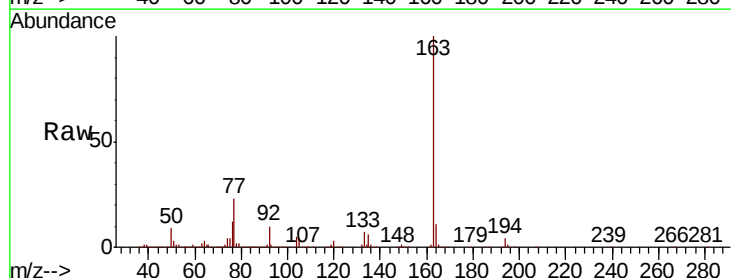
Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Tgt Ion:163 Resp: 2299473

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.3   | 3.4   | 5.0   |
| 164 | 11.4  | 8.6   | 13.0  |

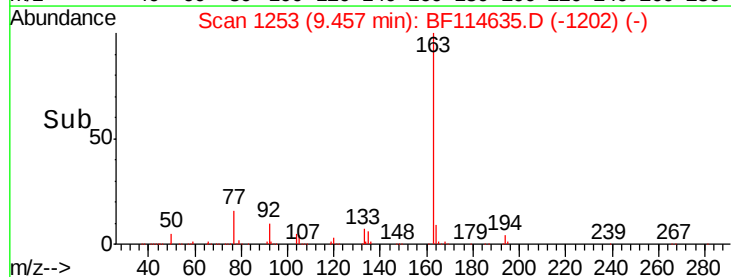
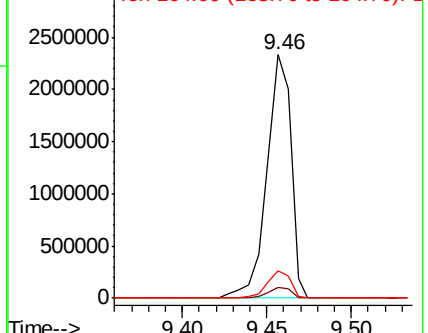


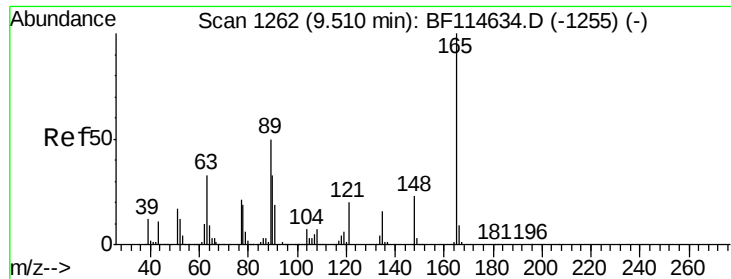
Abundance

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

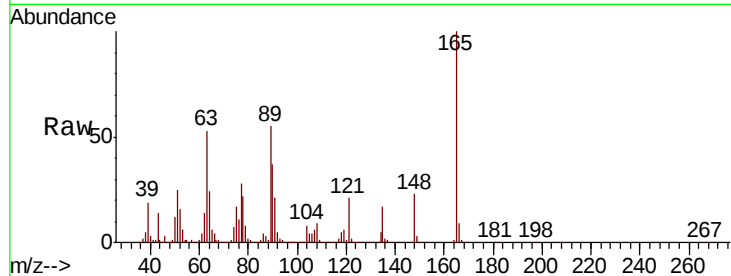




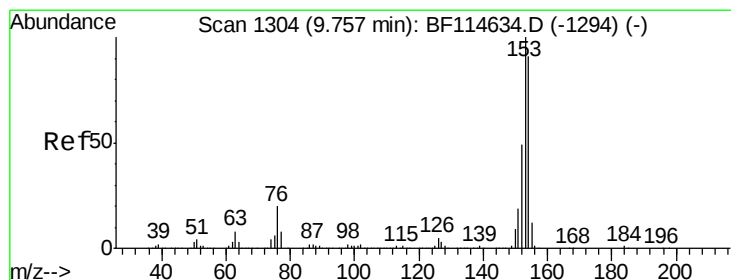
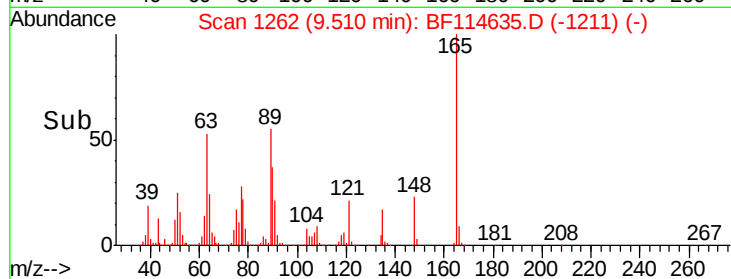
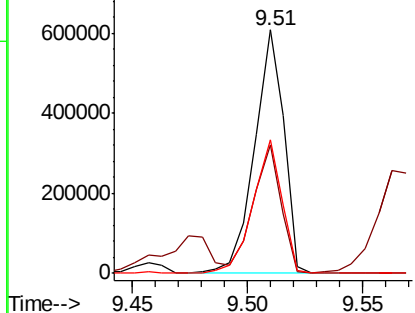
#51  
 2,6-Dinitrotoluene  
 Concen: 49.504 ng  
 RT: 9.51 min Scan# 1262  
 Delta R.T. -0.00 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 52.7  | 36.6  | 54.8  |
| 89      | 54.7  | 40.2  | 60.4  |

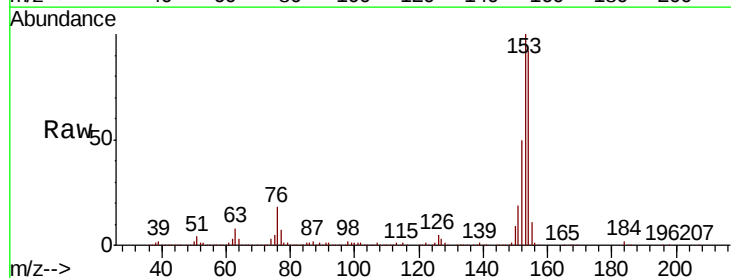


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

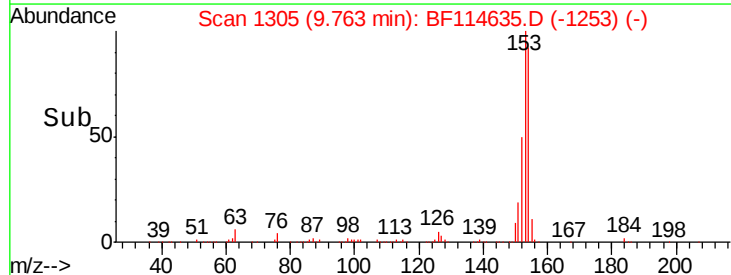
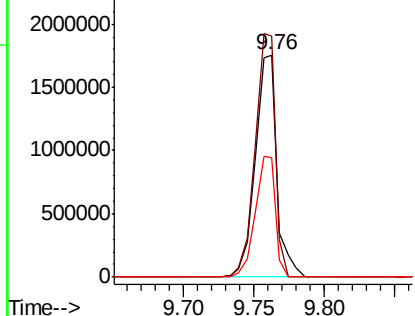


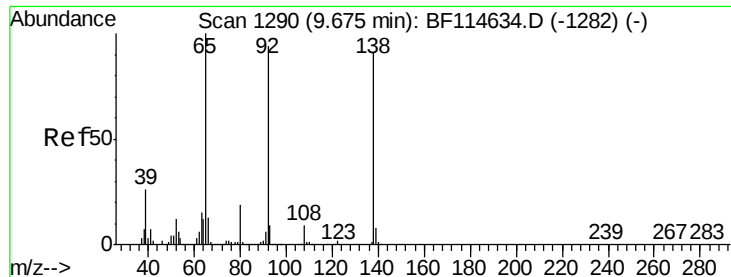
#52  
 Acenaphthene  
 Concen: 46.472 ng  
 RT: 9.76 min Scan# 1305  
 Delta R.T. 0.01 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 108.6 | 88.4  | 132.6 |
| 152     | 53.9  | 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

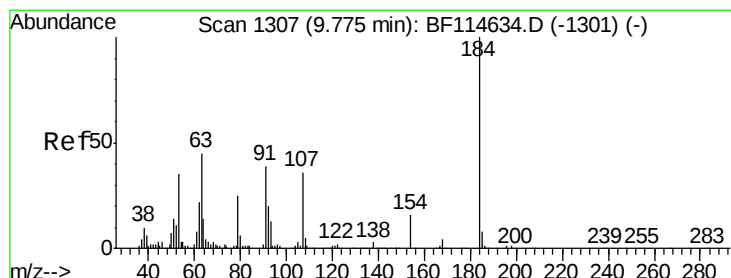
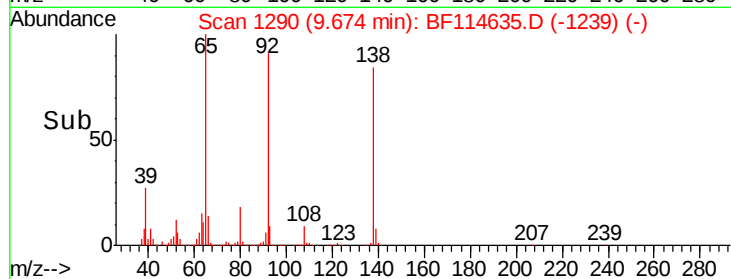
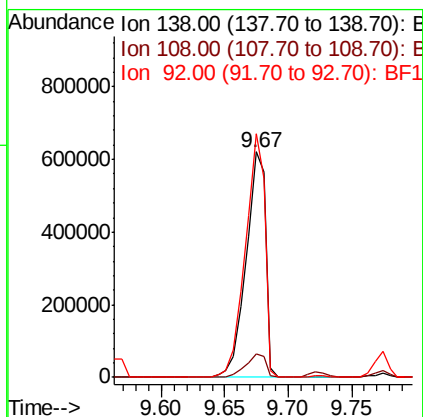
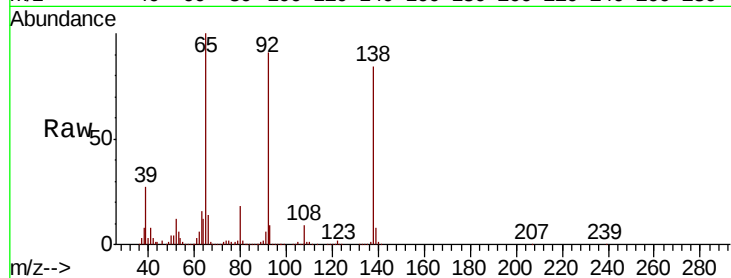




#53  
3-Nitroaniline  
Concen: 48.960 ng  
RT: 9.67 min Scan# 1290  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

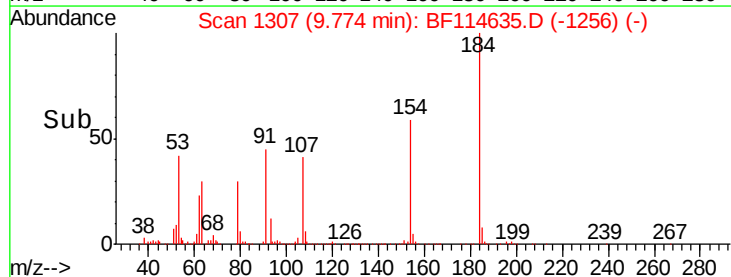
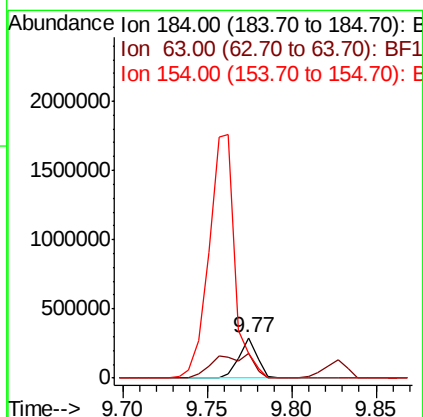
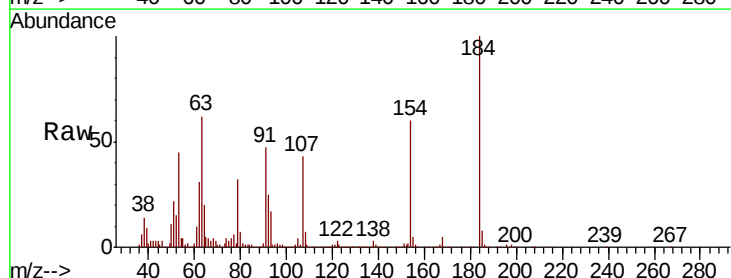
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

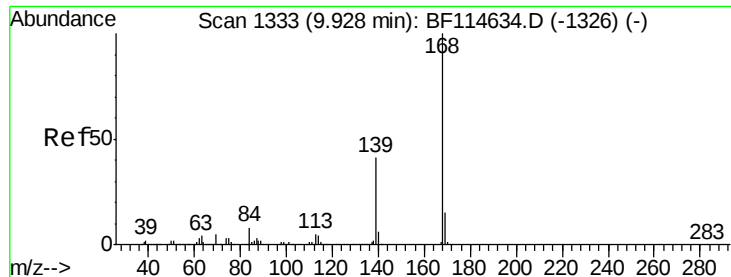
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.5  | 8.3   | 12.5  |
| 92      | 108.0 | 83.1  | 124.7 |



#54  
2,4-Dinitrophenol  
Concen: 50.411 ng  
RT: 9.77 min Scan# 1307  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 62.0  | 38.8  | 58.2# |
| 154     | 59.7  | 43.7  | 65.5  |

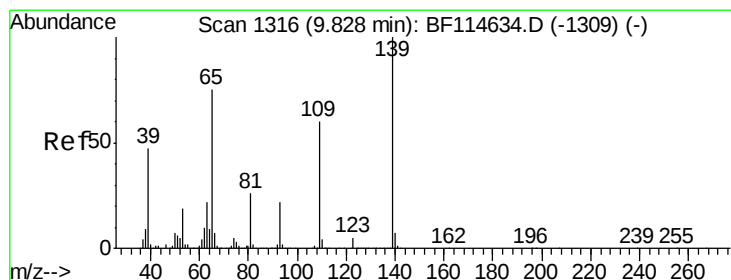
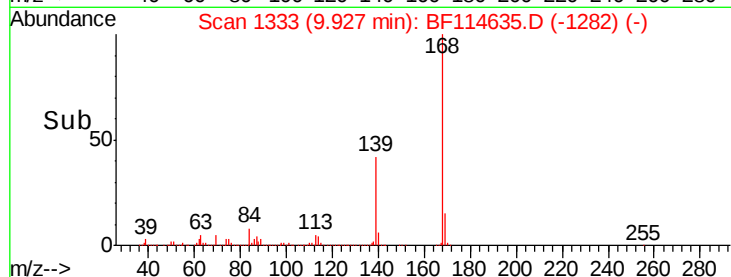
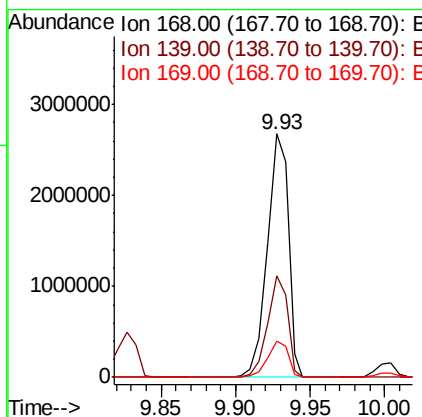
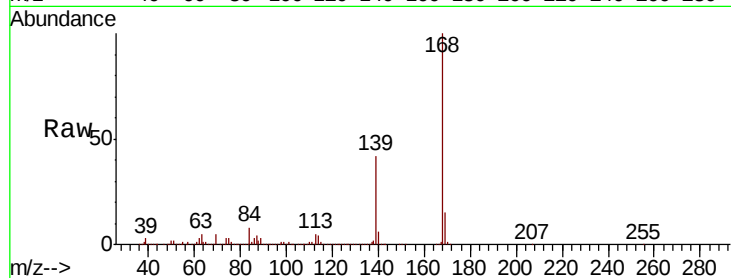




#55  
Dibenzenofuran  
Concen: 43.328 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

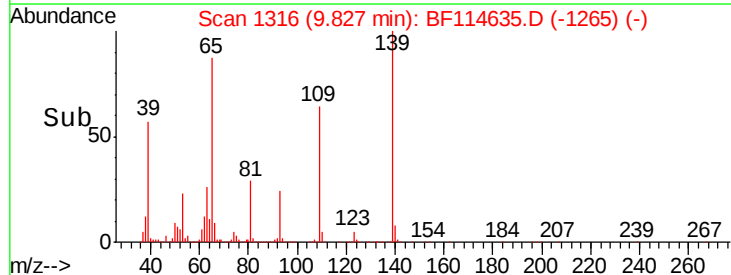
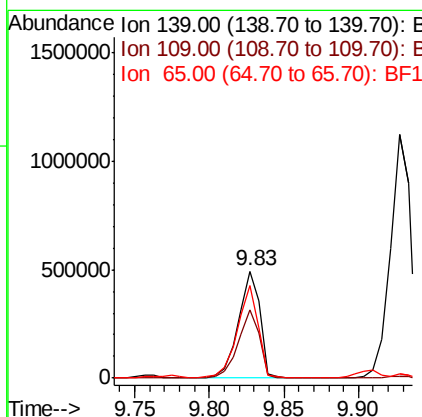
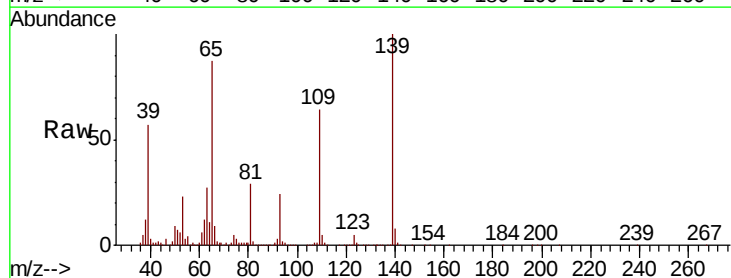
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

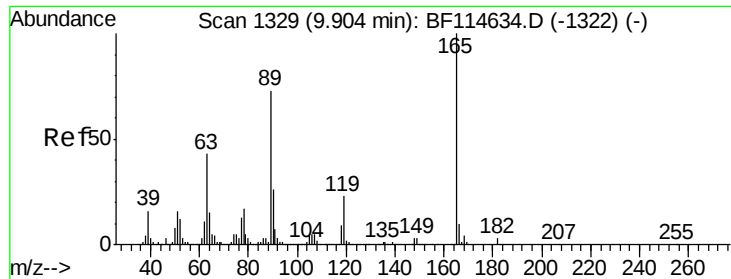
Tot Ion:168 Resp: 2589208  
Ion Ratio Lower Upper  
168 100  
139 41.9 32.6 48.8  
169 15.1 11.8 17.8



#56  
4-Nitrophenol  
Concen: 51.283 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Tgt Ion:139 Resp: 492291  
Ion Ratio Lower Upper  
139 100  
109 64.3 40.4 80.4  
65 87.1 54.7 94.7

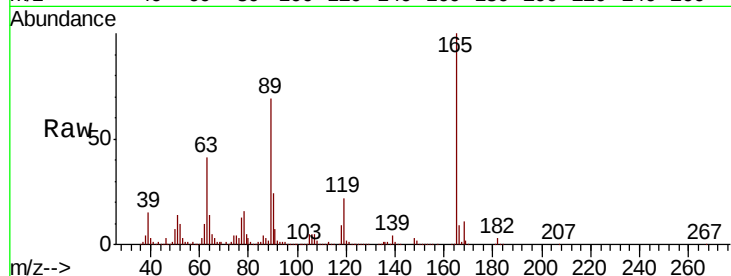




#57  
2,4-Dinitrotoluene  
Concen: 47.266 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. 0.01 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 40.7  | 34.8  | 52.2  |
| 89      | 68.9  | 58.5  | 87.7  |
| 182     | 2.8   | 2.2   | 3.2   |



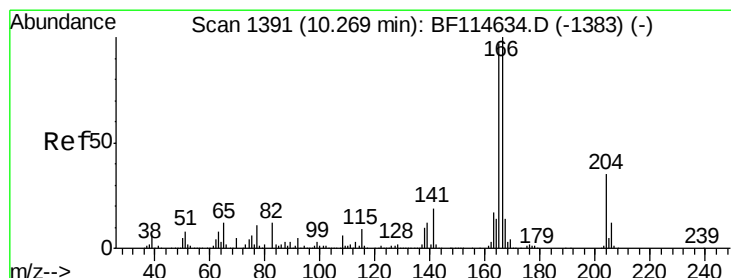
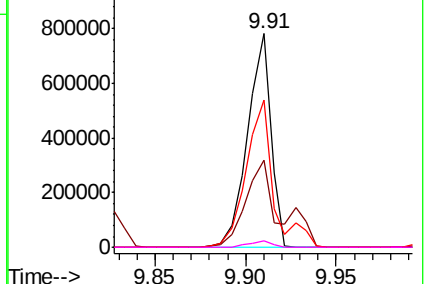
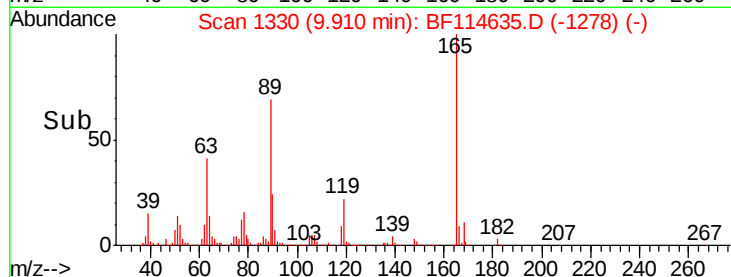
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

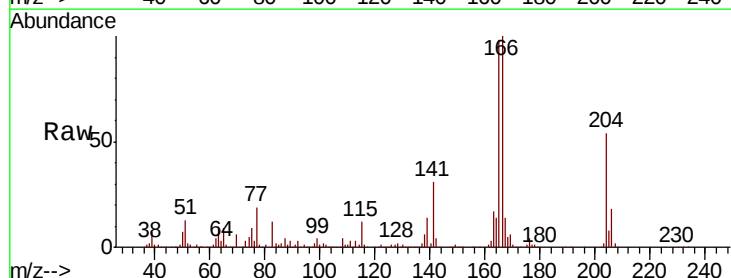
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 38.399 ng  
RT: 10.27 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.4  | 77.6  | 116.4 |
| 167     | 13.9  | 11.2  | 16.8  |

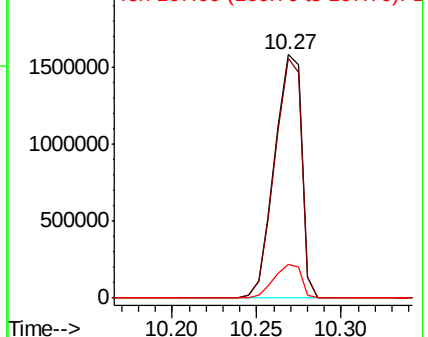
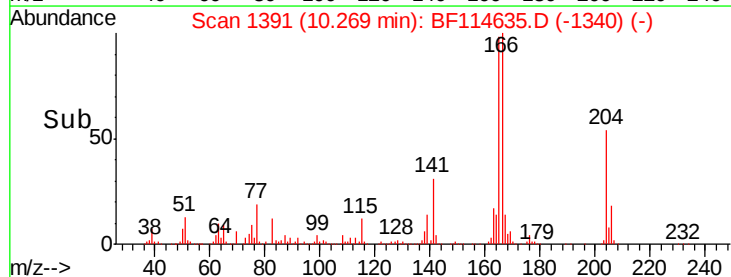


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

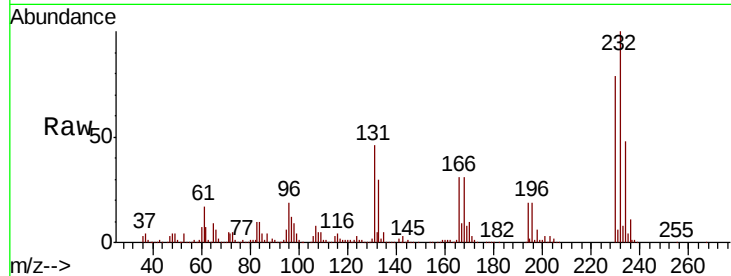




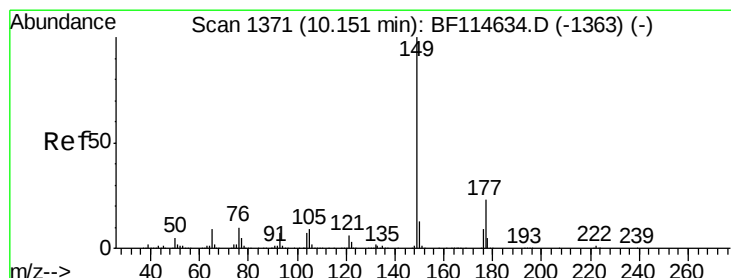
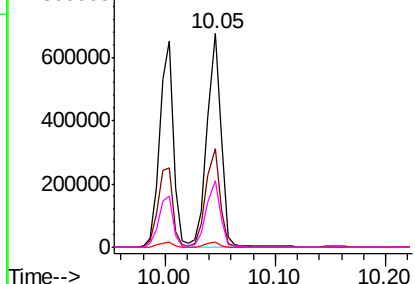
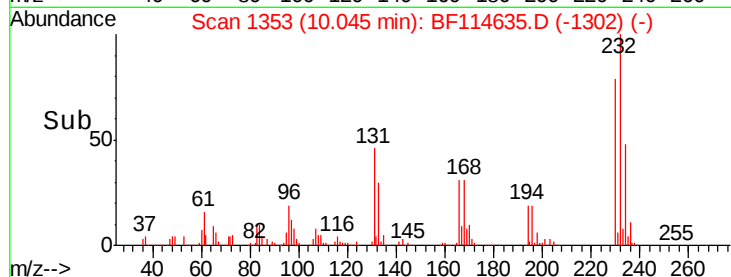
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.306 ng  
 RT: 10.05 min Scan# 1353  
 Delta R.T. -0.00 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDIC050

|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:232 | Resp: | 573380 |  |
| Ion Ratio   | Lower | Upper  |  |
| 232 100     |       |        |  |
| 131 46.5    | 37.2  | 55.8   |  |
| 130 2.3     | 1.8   | 2.8    |  |
| 166 31.0    | 24.8  | 37.2   |  |

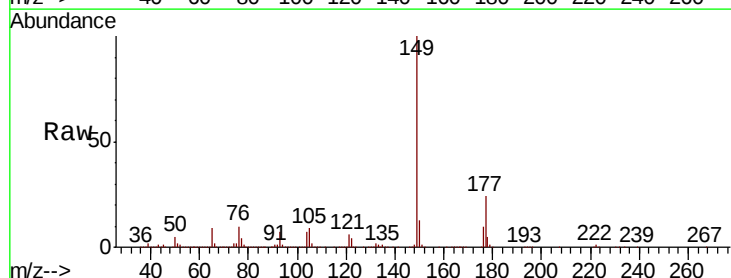


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

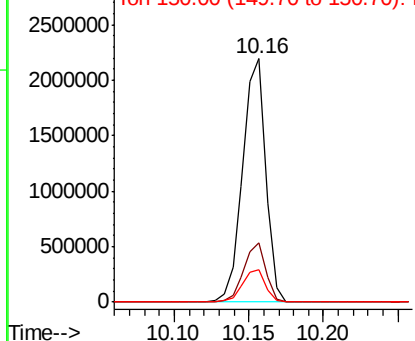
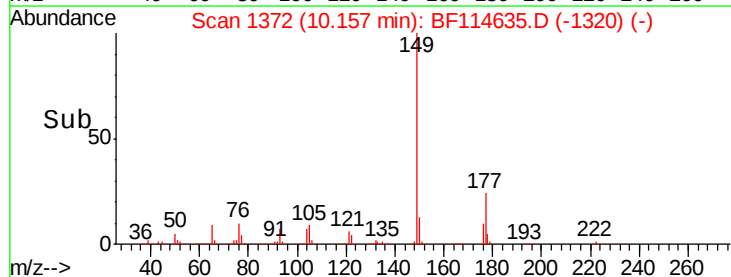


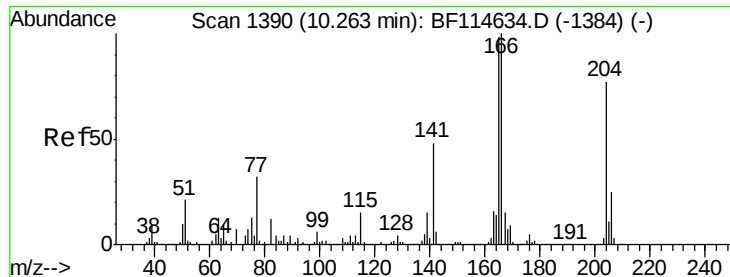
#60  
 Diethylphthalate  
 Concen: 46.913 ng  
 RT: 10.16 min Scan# 1372  
 Delta R.T. 0.01 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

|             |               |
|-------------|---------------|
| Tgt Ion:149 | Resp: 2350042 |
| Ion Ratio   | Lower Upper   |
| 149 100     |               |
| 177 24.4    | 18.6 28.0     |
| 150 13.5    | 10.6 15.8     |



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

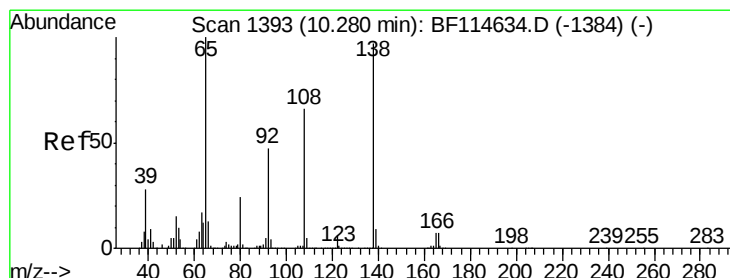
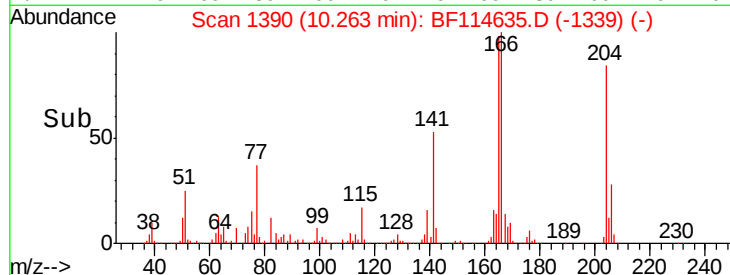
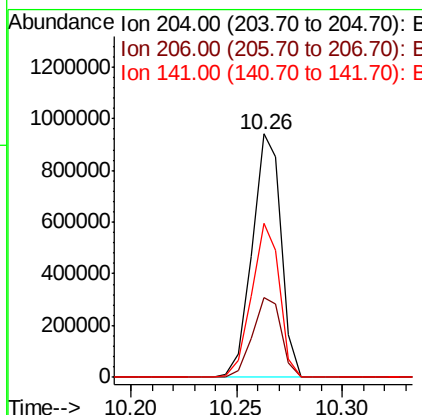
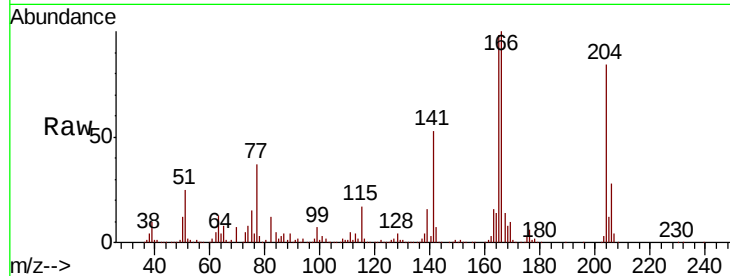




#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.417 ng  
 RT: 10.26 min Scan# 1390  
 Delta R.T. -0.00 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

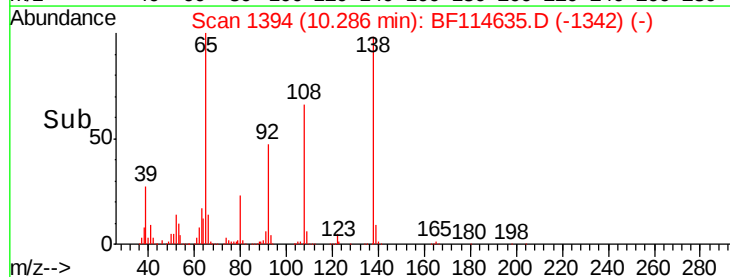
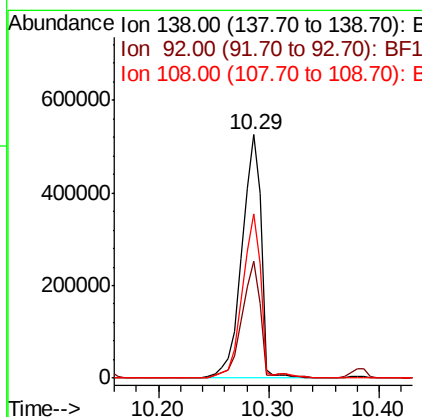
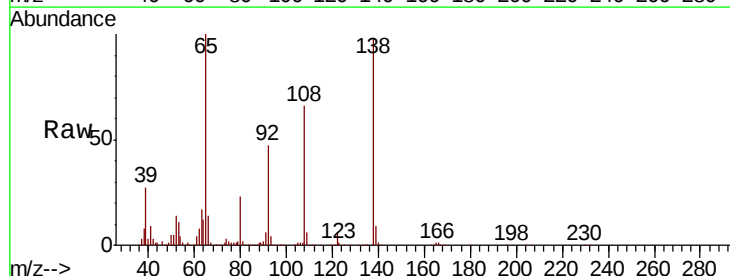
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

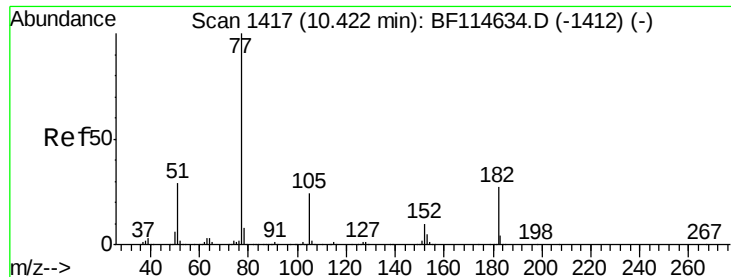
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.9  | 26.4  | 39.6  |
| 141     | 63.5  | 50.0  | 75.0  |



#62  
 4-Nitroaniline  
 Concen: 45.221 ng  
 RT: 10.29 min Scan# 1394  
 Delta R.T. 0.01 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.0  | 28.0  | 68.0  |
| 108     | 67.4  | 48.4  | 88.4  |





#63

Azobenzene

Concen: 44.295 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 2147768

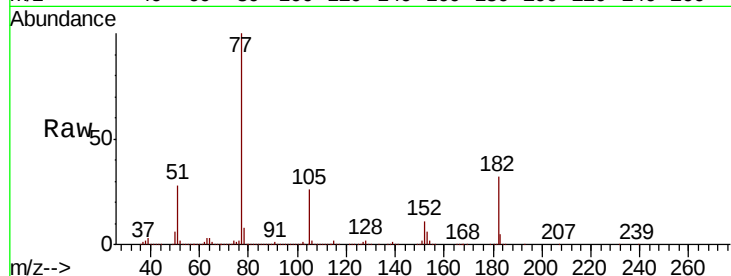
Ion Ratio Lower Upper

77 100

182 32.2 7.0 47.0

105 25.6 3.7 43.7

51 28.3 9.1 49.1

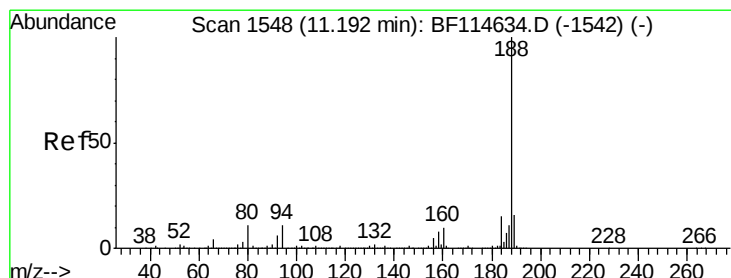
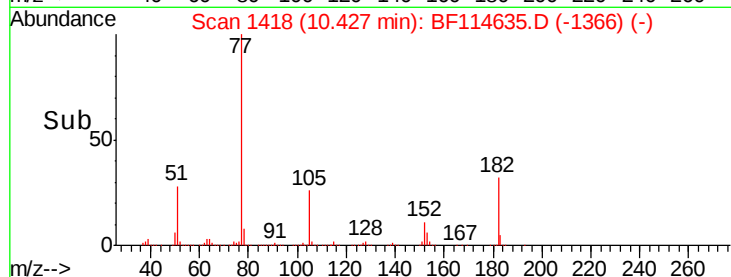
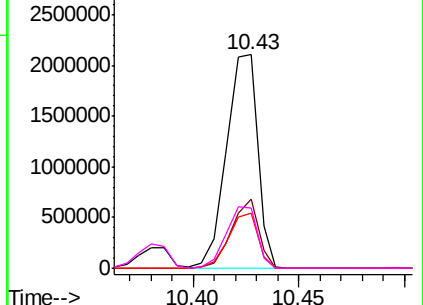


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

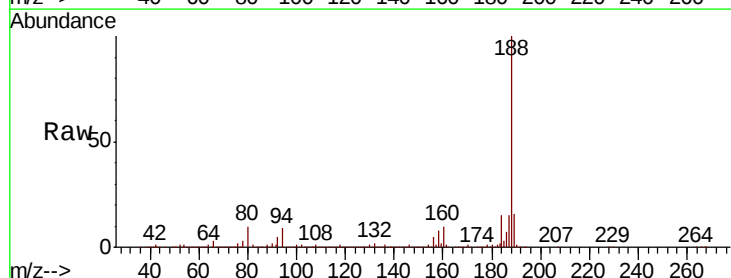
Tgt Ion: 188 Resp: 1275610

Ion Ratio Lower Upper

188 100

94 9.2 8.6 13.0

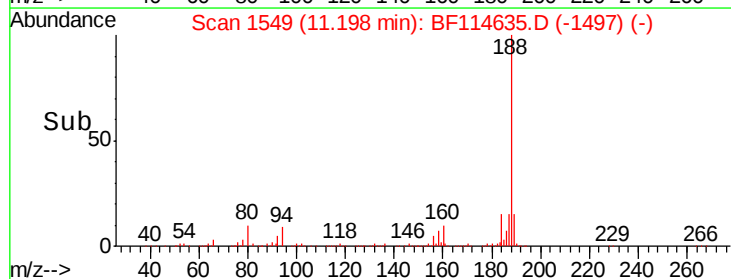
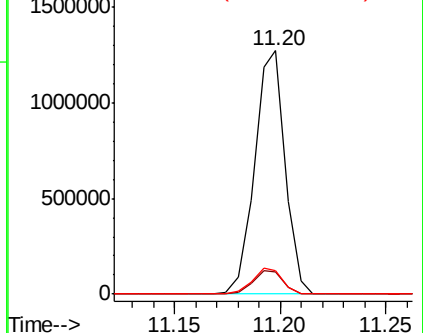
80 9.6 9.0 13.6

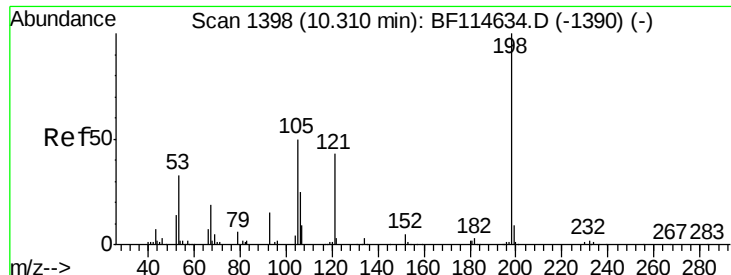


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

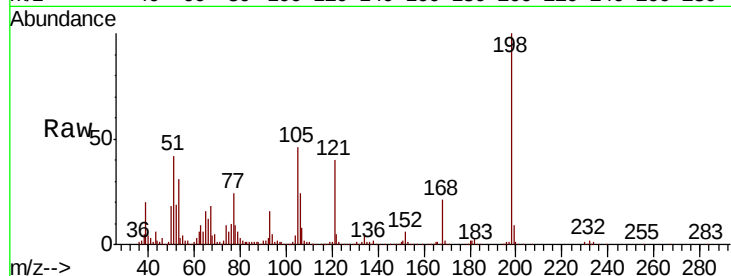




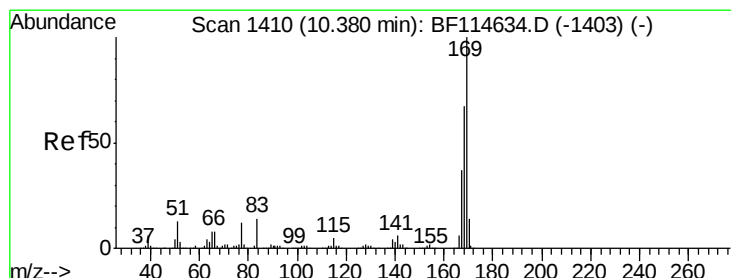
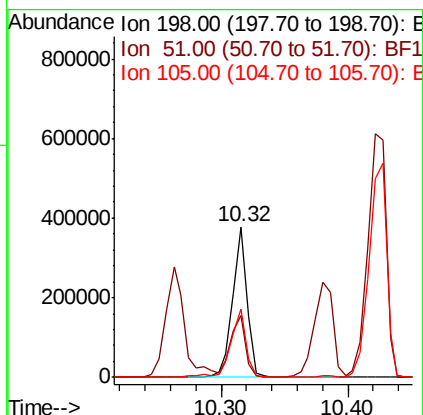
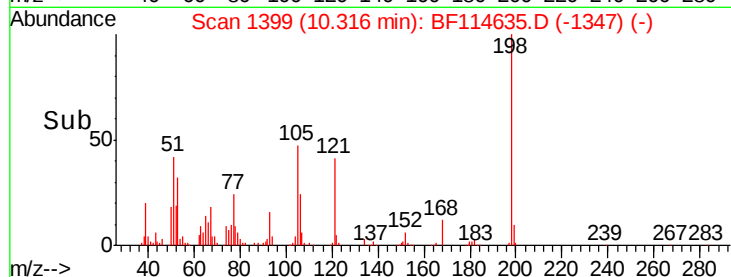
#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.184 ng  
RT: 10.32 min Scan# 1399  
Delta R.T. 0.01 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:198 Resp: 295343  
Ion Ratio Lower Upper  
198 100  
51 41.5 29.0 69.0  
105 45.7 30.4 70.4

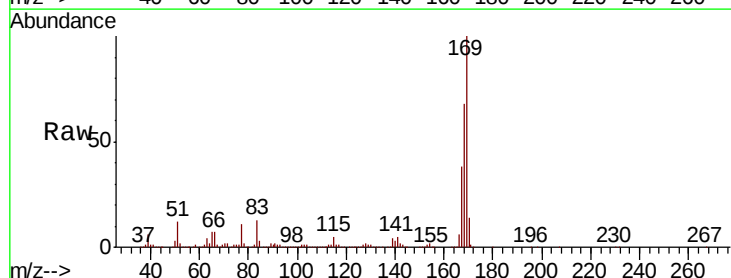


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

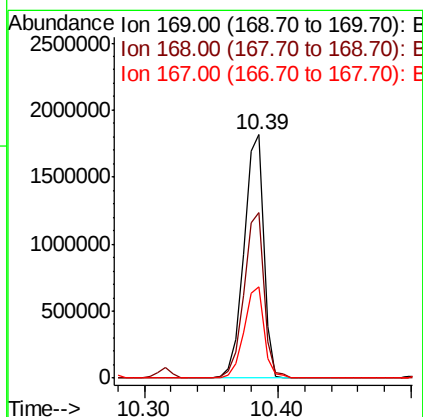
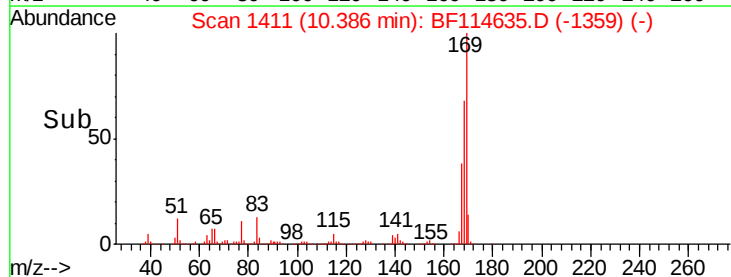


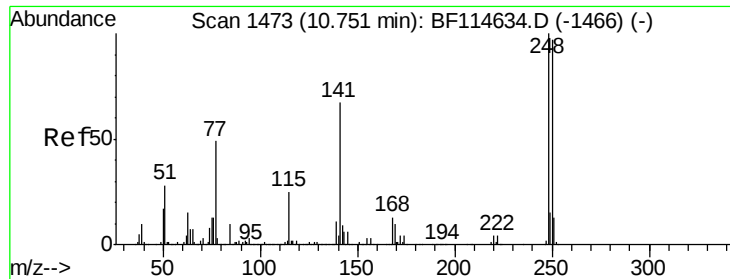
#66  
n-Nitrosodiphenylamine  
Concen: 47.577 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. 0.01 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Tgt Ion:169 Resp: 1841963  
Ion Ratio Lower Upper  
169 100  
168 67.8 53.8 80.8  
167 37.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

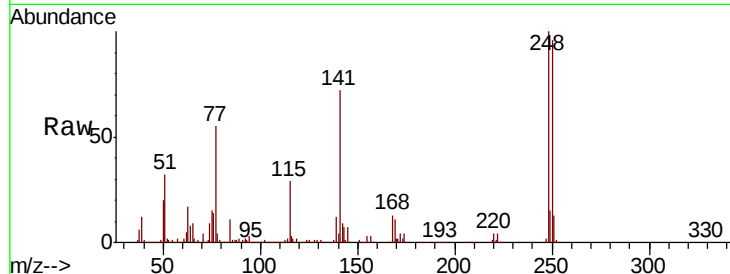




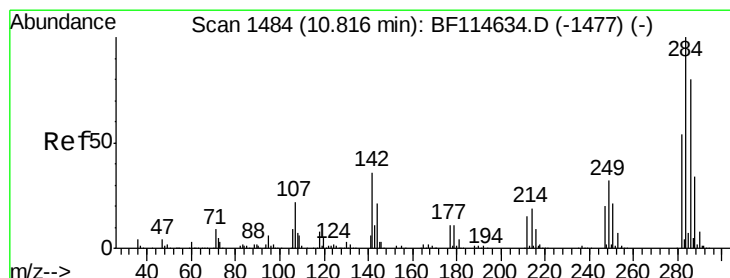
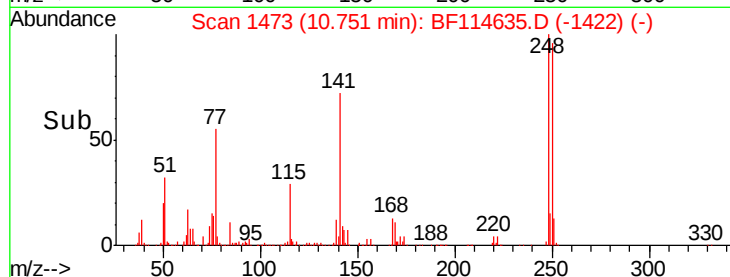
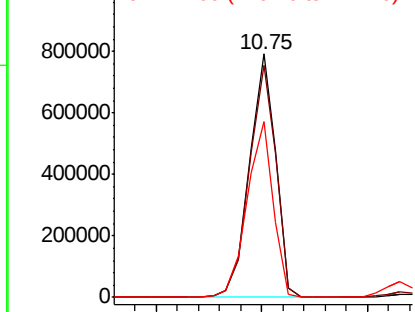
#67  
4-Bromophenyl-phenylether  
Concen: 48.663 ng  
RT: 10.75 min Scan# 1473  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC050

Tot Ion:248 Resp: 683475  
Ion Ratio Lower Upper  
248 100  
250 95.6 78.0 117.0  
141 72.2 53.8 80.8

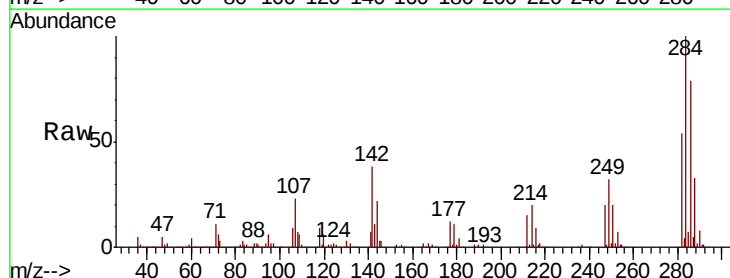


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

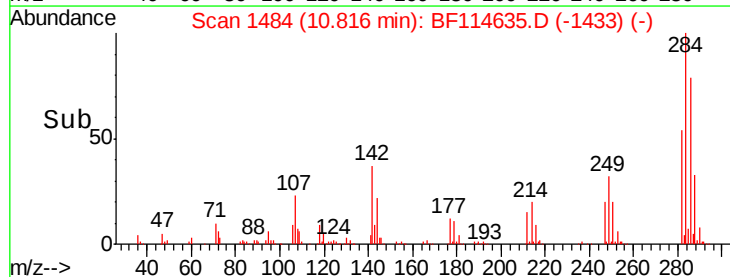
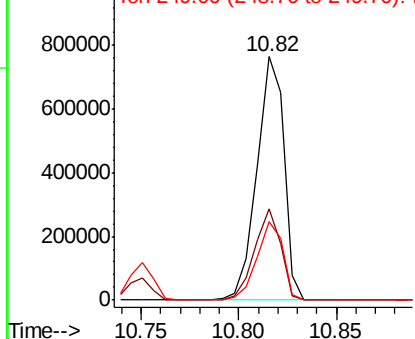


#68  
Hexachlorobenzene  
Concen: 47.297 ng  
RT: 10.82 min Scan# 1484  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Tgt Ion:284 Resp: 734886  
Ion Ratio Lower Upper  
284 100  
142 37.6 28.9 43.3  
249 32.2 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

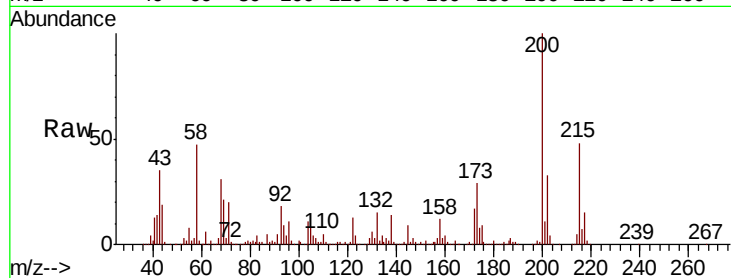




#69  
Atrazine  
Concen: 46.776 ng  
RT: 10.91 min Scan# 1500  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.8  | 7.9   | 47.9  |
| 215     | 47.6  | 27.8  | 67.8  |

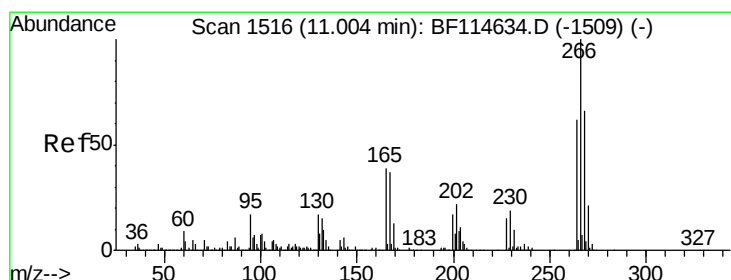
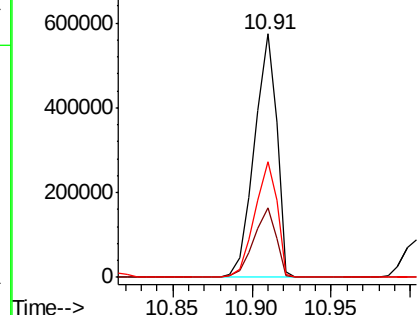
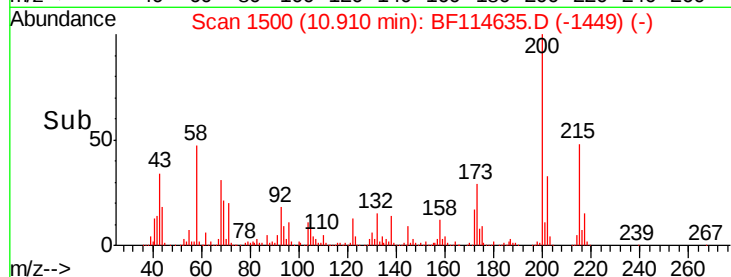


Abundance

Ion 200.00 (199.70 to 200.70): E

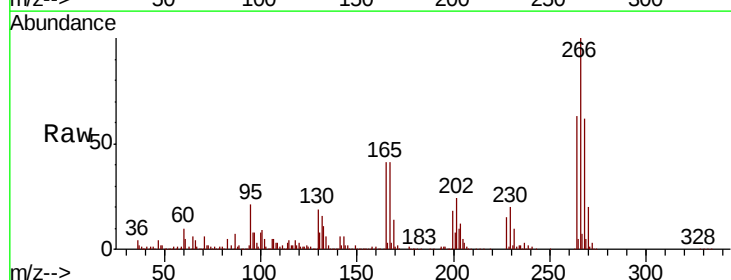
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 59.117 ng  
RT: 11.00 min Scan# 1516  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.4  | 52.8  | 79.2  |
| 264     | 62.9  | 49.9  | 74.9  |

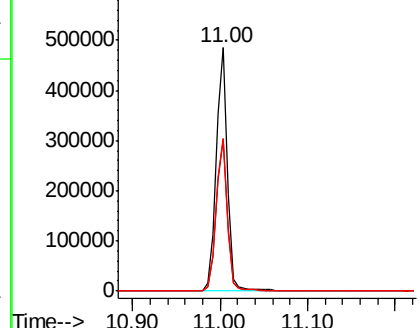
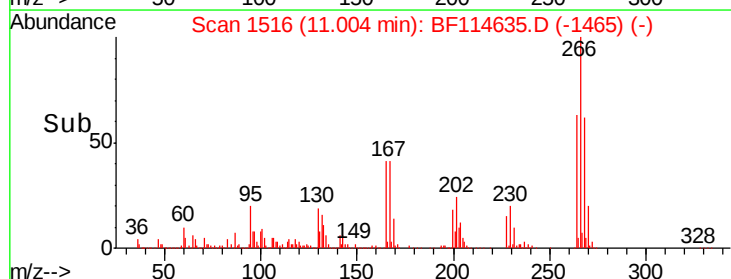


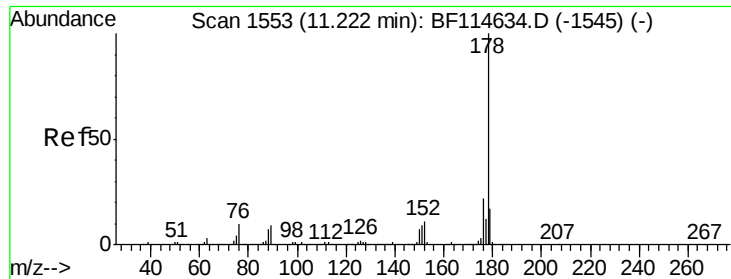
Abundance

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

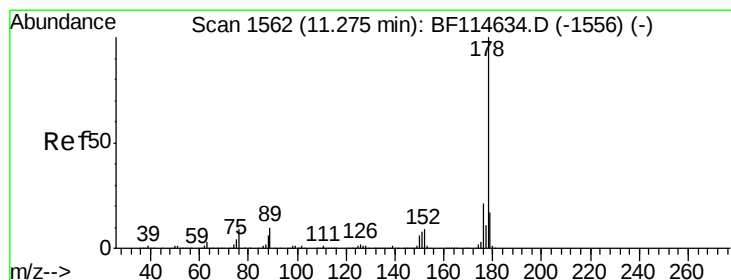
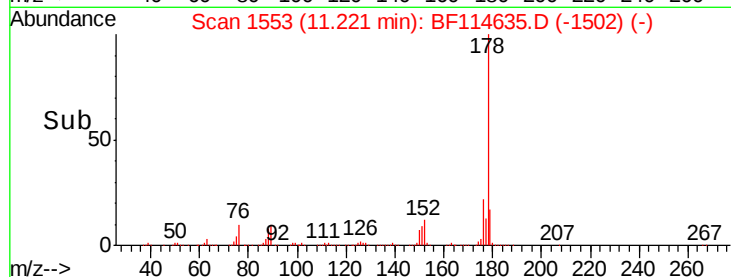
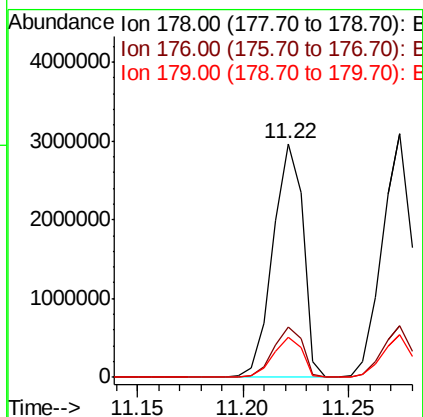
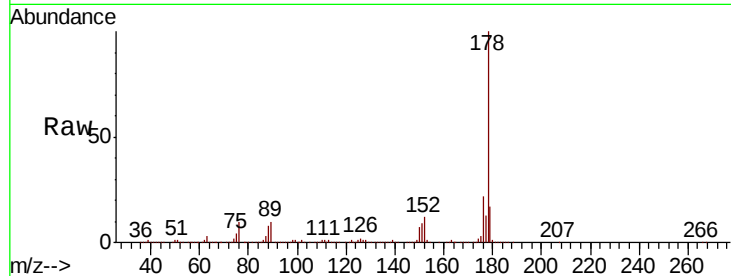




#71  
Phenanthrene  
Concen: 47.357 ng  
RT: 11.22 min Scan# 1553  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

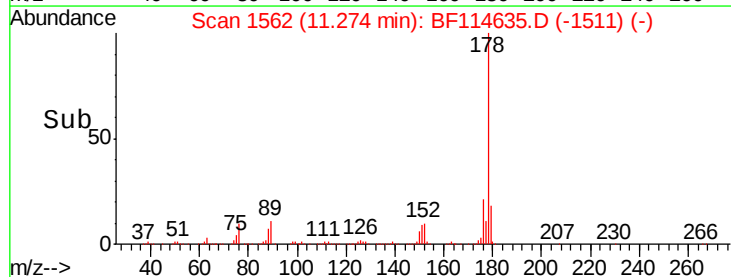
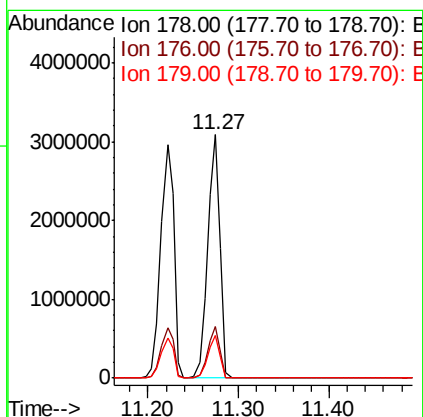
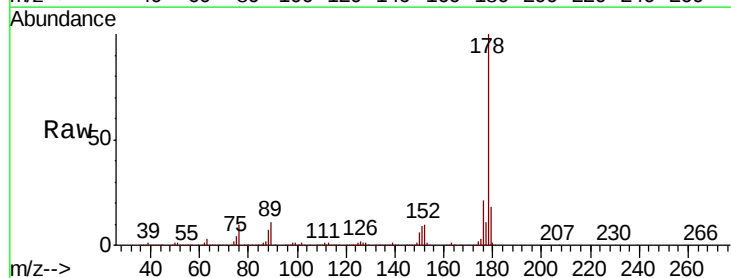
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

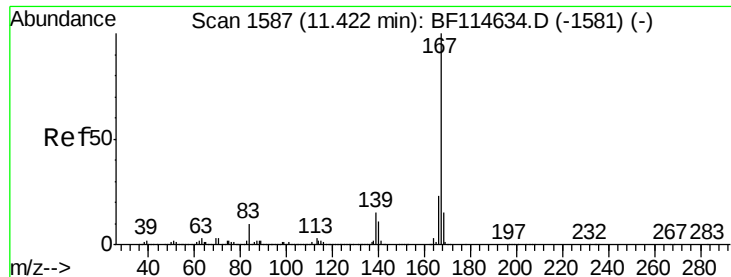
Tot Ion:178 Resp: 2938995  
Ion Ratio Lower Upper  
178 100  
176 21.7 17.2 25.8  
179 17.3 13.9 20.9



#72  
Anthracene  
Concen: 47.592 ng  
RT: 11.27 min Scan# 1562  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Tgt Ion:178 Resp: 2966609  
Ion Ratio Lower Upper  
178 100  
176 21.4 16.6 24.8  
179 17.7 13.4 20.0



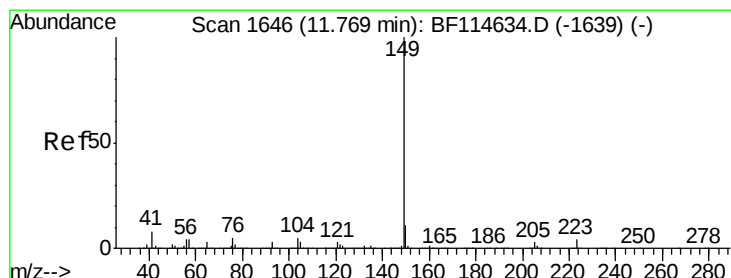
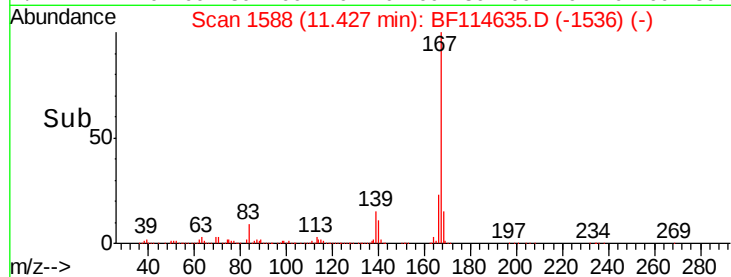
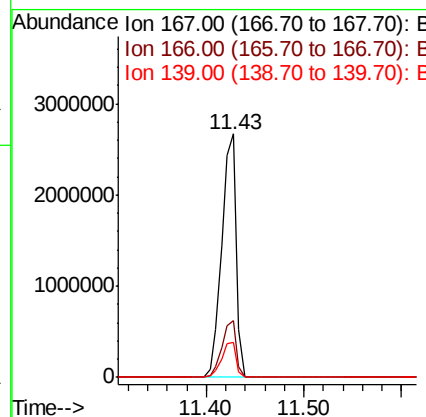
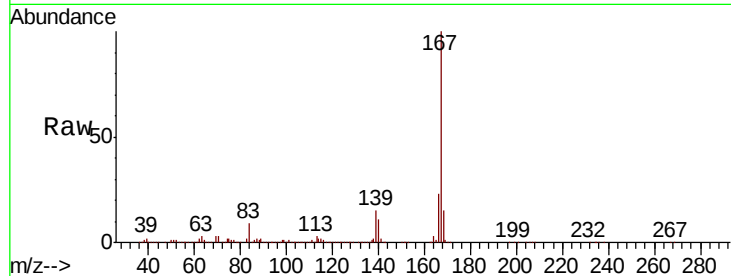


#73  
 Carbazole  
 Concen: 46.041 ng  
 RT: 11.43 min Scan# 1588  
 Delta R.T. 0.01 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:167 Resp: 2736703  

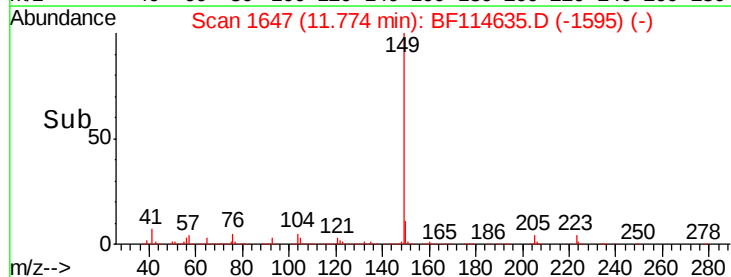
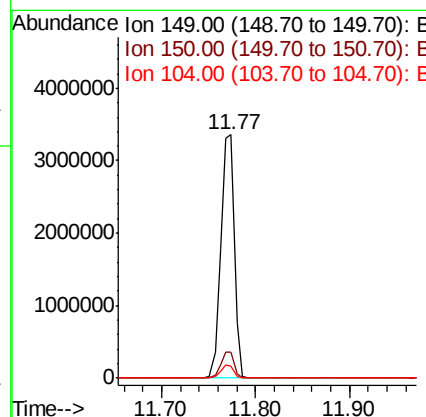
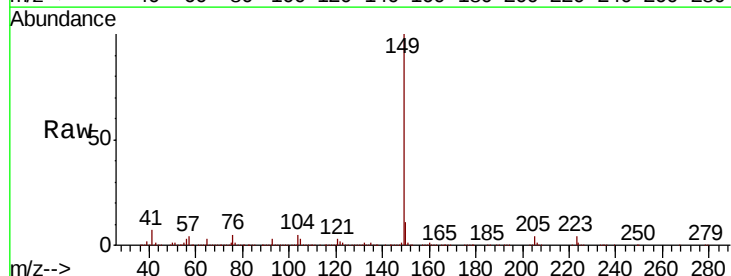
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.2  | 18.7  | 28.1  |
| 139 | 14.6  | 11.8  | 17.8  |

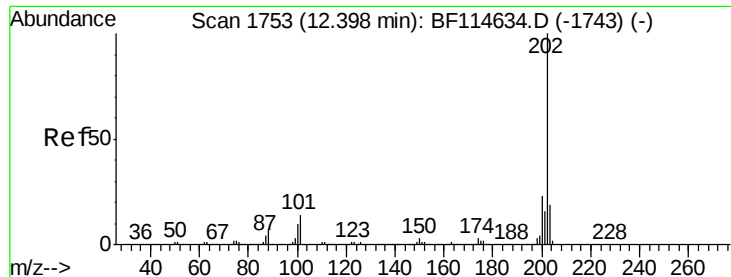


#74  
 Di-n-butylphthalate  
 Concen: 49.682 ng  
 RT: 11.77 min Scan# 1647  
 Delta R.T. 0.01 min  
 Lab File: BF114635.D  
 Acq: 29 May 2019 15:42

Tgt Ion:149 Resp: 3402296  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.5  | 8.6   | 12.8  |
| 104 | 5.2   | 4.3   | 6.5   |





#75

Fluoranthene

Concen: 44.781 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

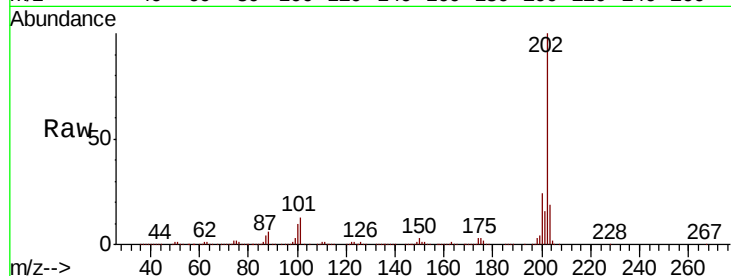
Tot Ion:202 Resp: 2992754

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.9

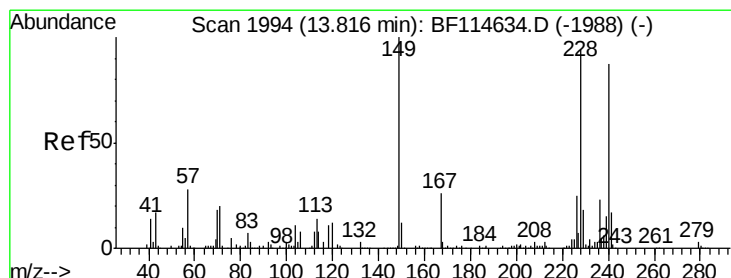
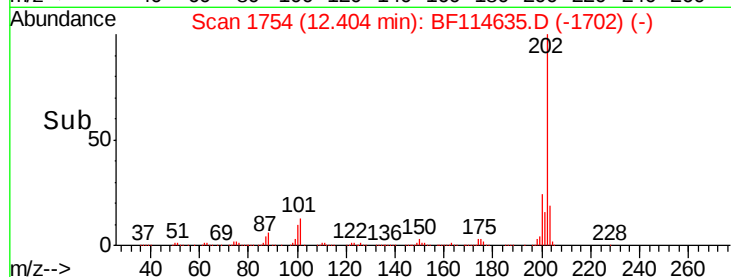
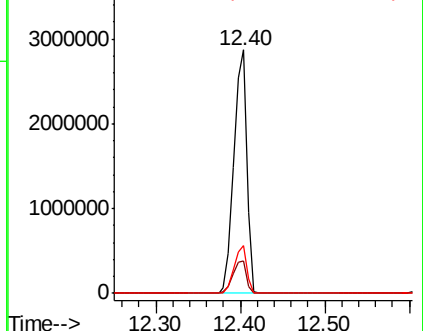
203 19.4 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

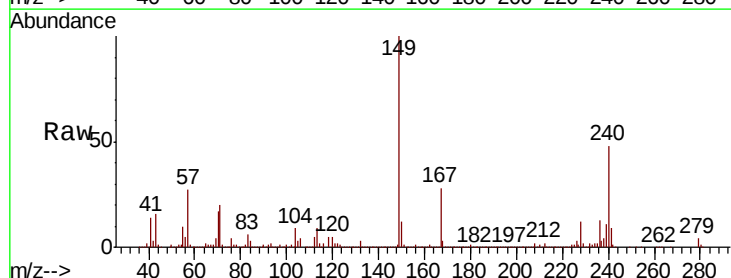
Tgt Ion:240 Resp: 743349

Ion Ratio Lower Upper

240 100

120 11.3 11.2 16.8

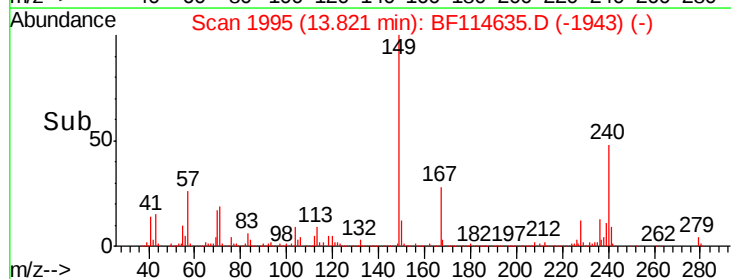
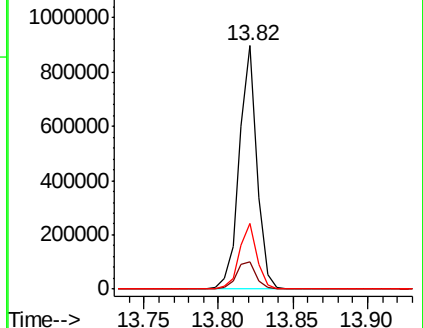
236 27.0 21.2 31.8

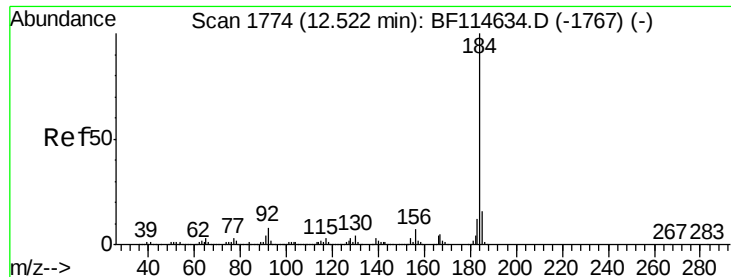


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.561 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

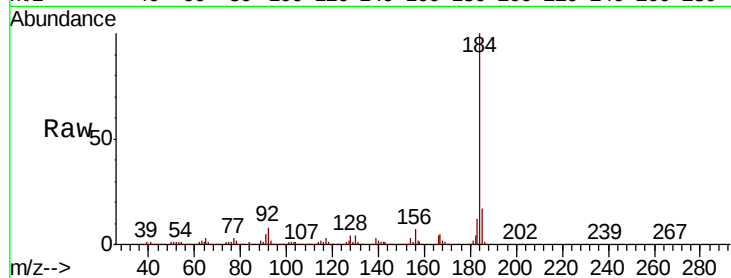
Tot Ion:184 Resp: 1353422

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 17.0  | 12.6  | 18.8  |
| 183 | 12.1  | 9.4   | 14.2  |

184 100

185 17.0 12.6 18.8

183 12.1 9.4 14.2

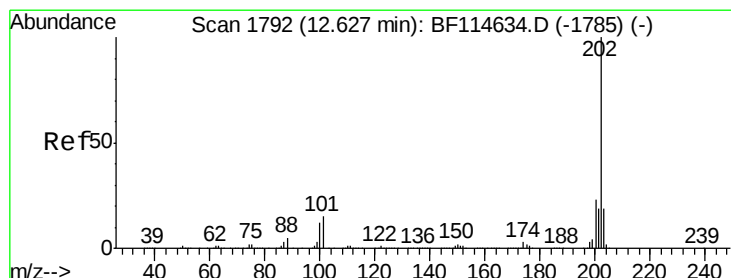
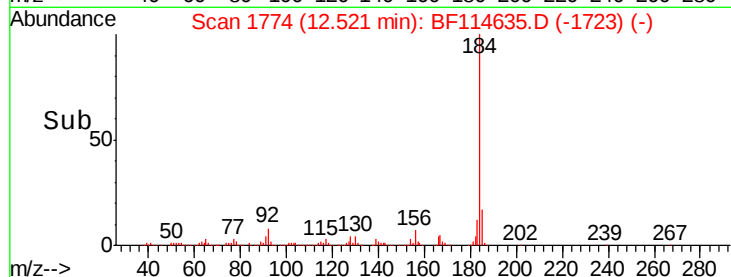
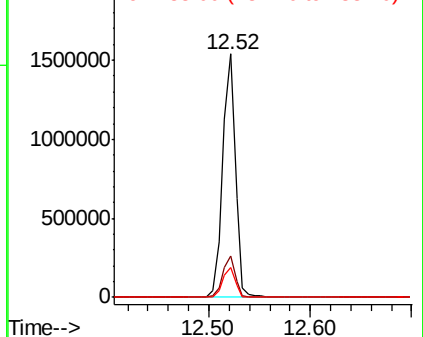


Abundance

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: 51.492 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

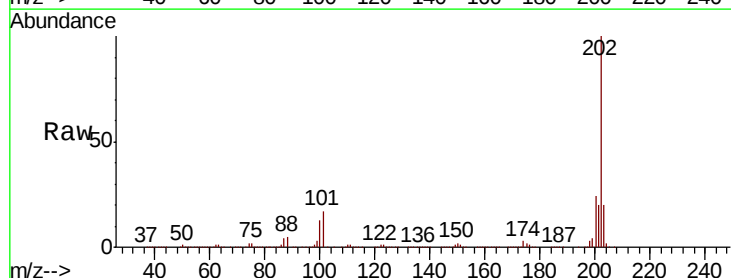
Tgt Ion:202 Resp: 3079148

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.9  | 18.6  | 28.0  |
| 203 | 19.9  | 15.4  | 23.2  |

202 100

200 23.9 18.6 28.0

203 19.9 15.4 23.2

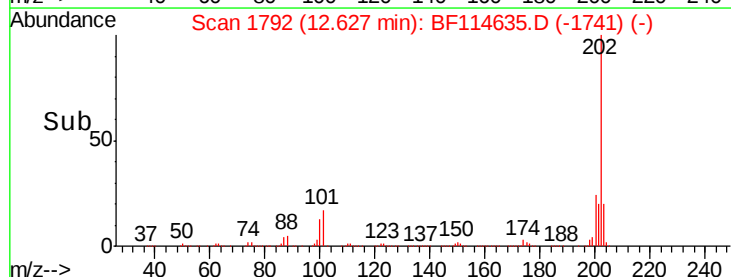
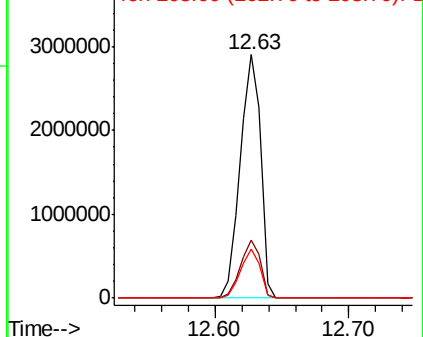


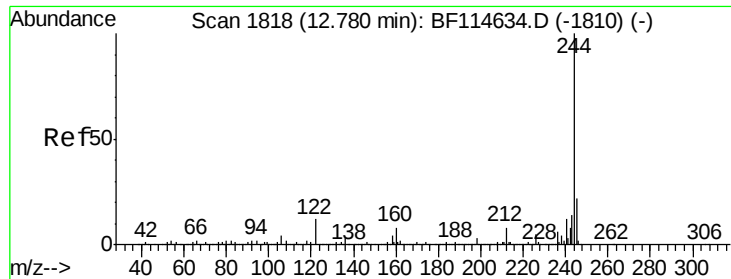
Abundance

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: 105.312 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

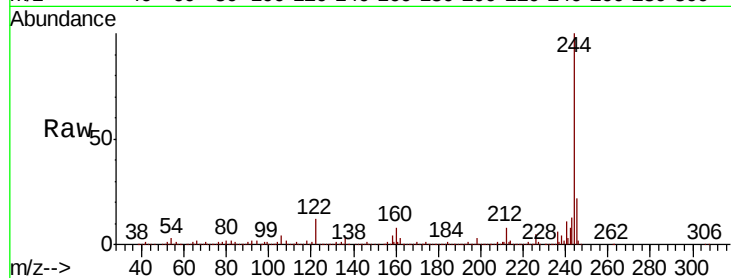
Tot Ion:244 Resp: 3797532

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

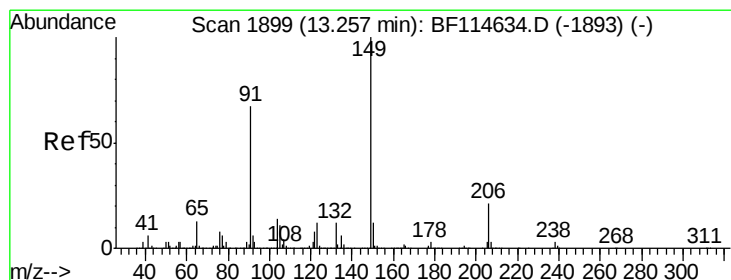
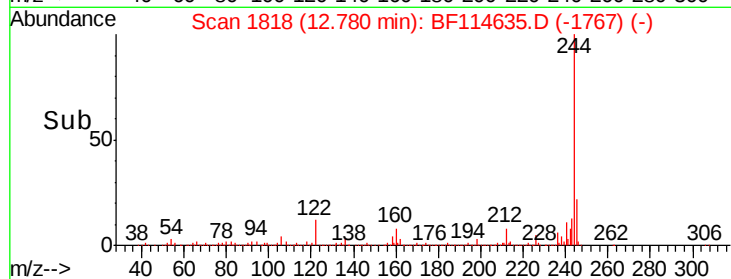
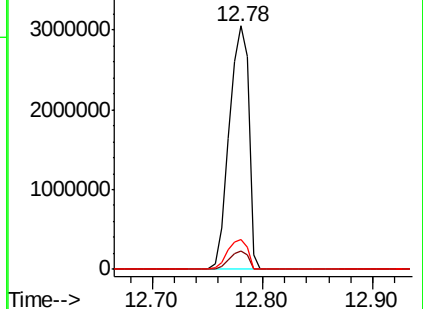
122 12.3 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 62.647 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

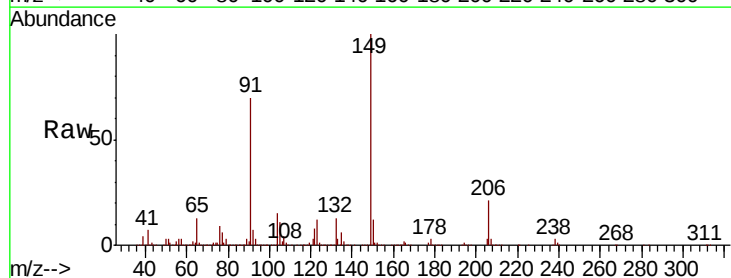
Tgt Ion:149 Resp: 1576819

Ion Ratio Lower Upper

149 100

91 70.2 53.8 80.8

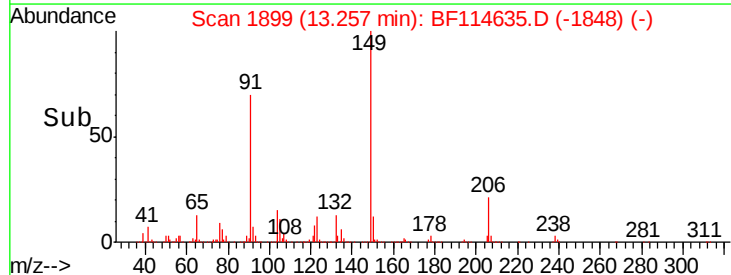
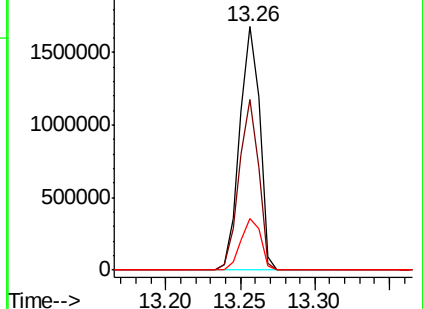
206 21.2 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 58.321 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

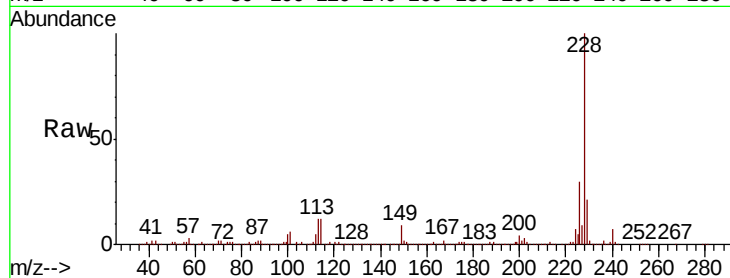
BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:228 Resp: 2804028

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.5  | 23.0  | 34.6  |
| 229 | 21.4  | 17.0  | 25.4  |

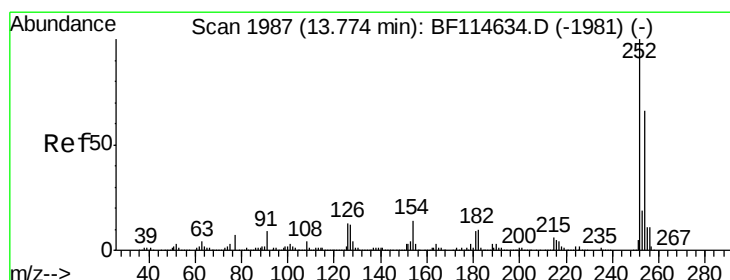
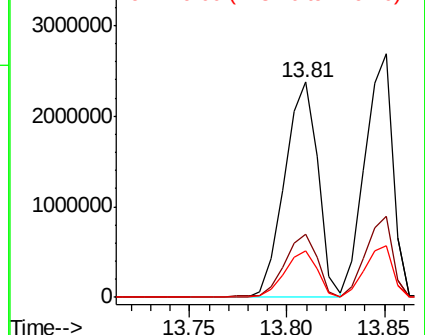
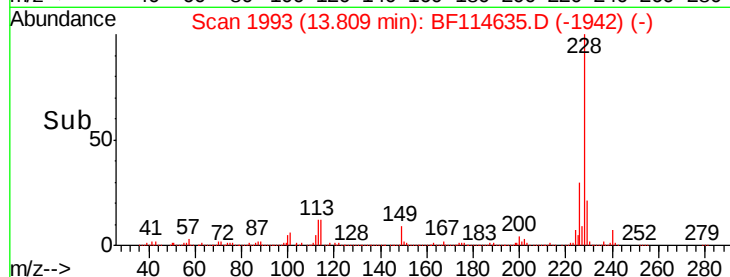


Abundance

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: 57.820 ng

RT: 13.78 min Scan# 1988

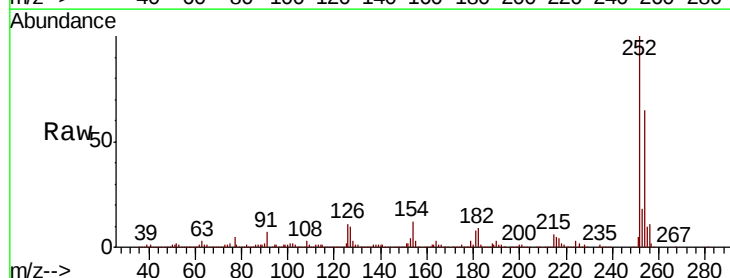
Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Tgt Ion:252 Resp: 1078426

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.4  | 53.1  | 79.7  |
| 126 | 10.6  | 10.2  | 15.2  |

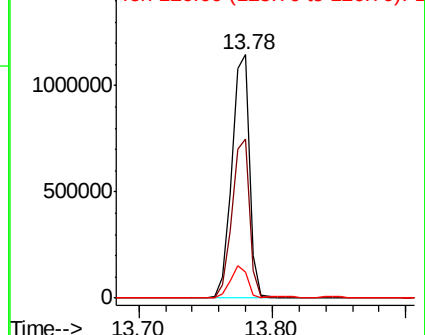
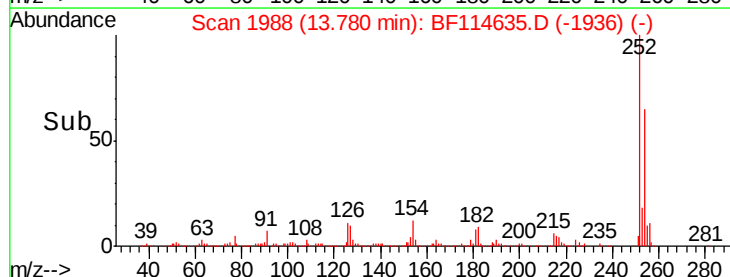


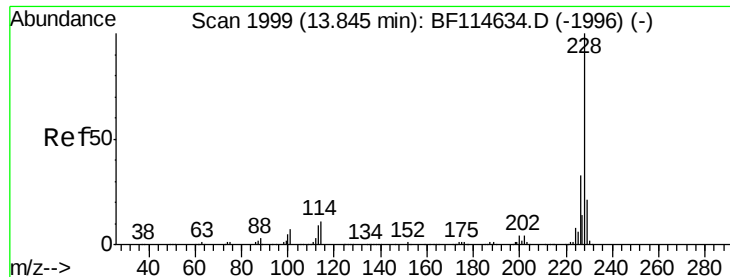
Abundance

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: 56.439 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

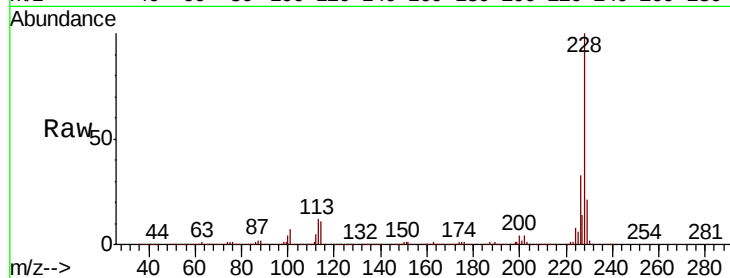
BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion:228 Resp: 2660059

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 33.2  | 26.4  | 39.6  |
| 229 | 21.4  | 17.1  | 25.7  |

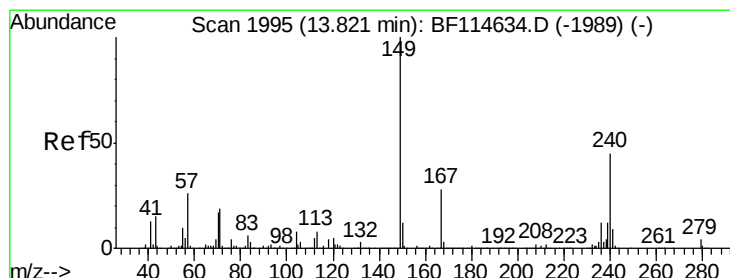
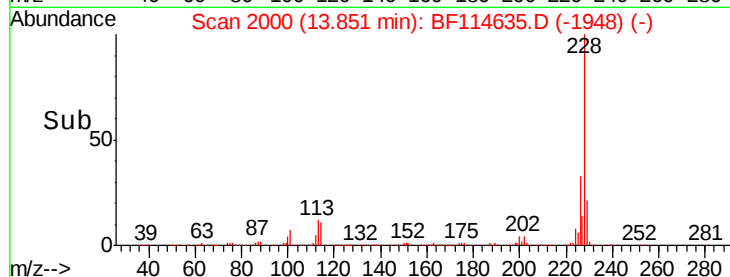
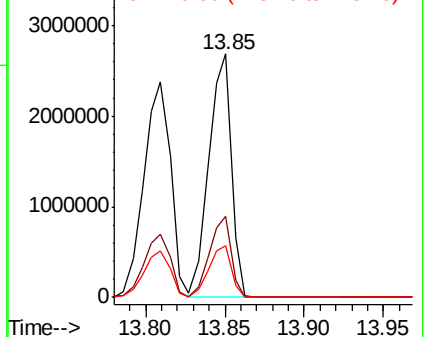


Abundance

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: 60.043 ng

RT: 13.83 min Scan# 1996

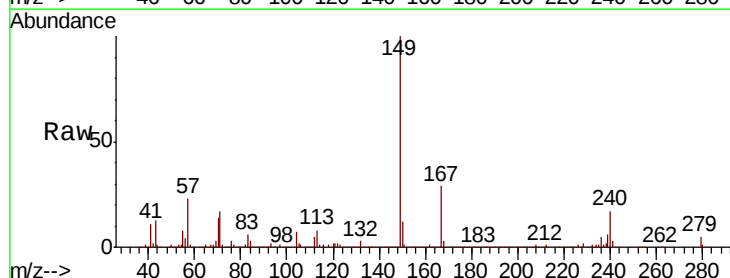
Delta R.T. 0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Tgt Ion:149 Resp: 1976561

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.7  | 22.6  | 33.8  |
| 279 | 4.6   | 3.0   | 4.4   |

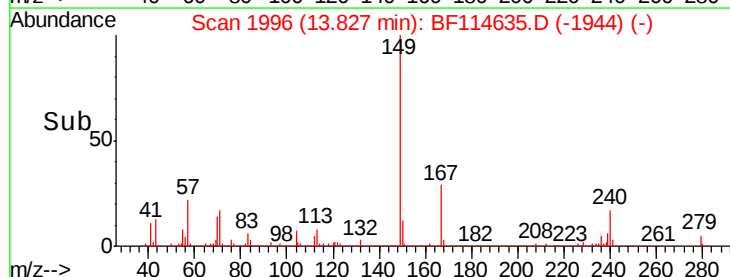
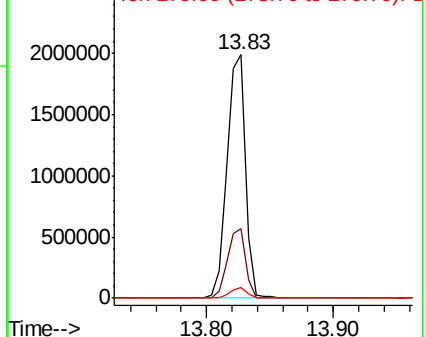


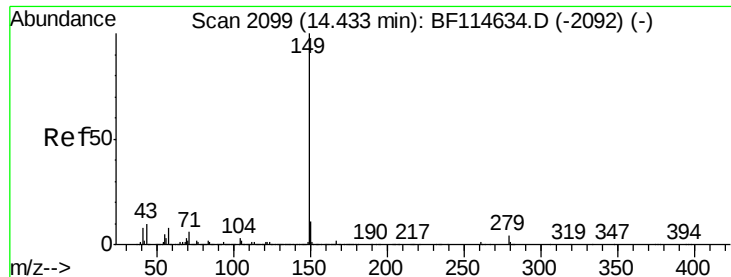
Abundance

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

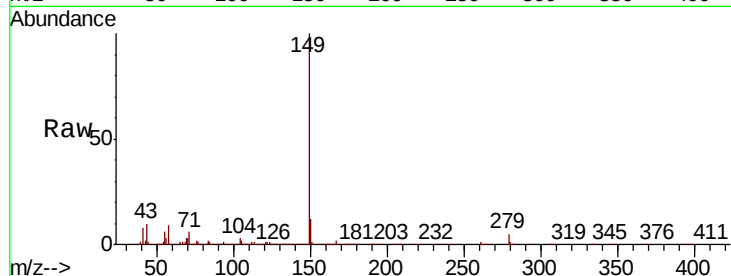




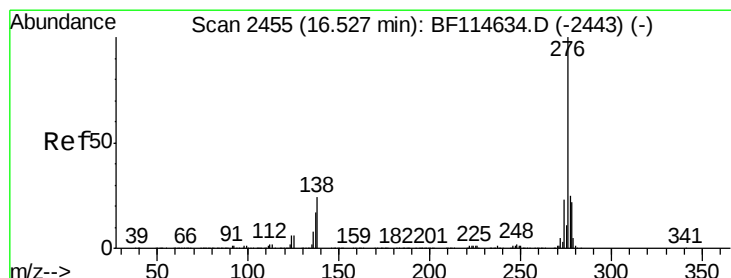
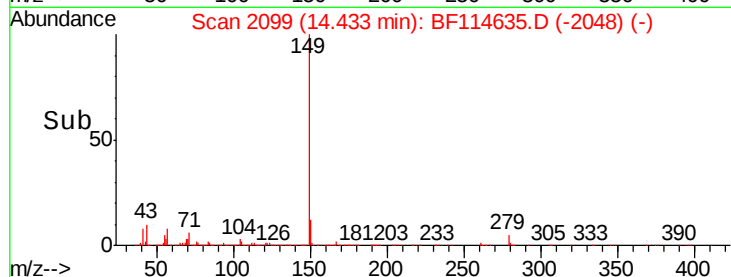
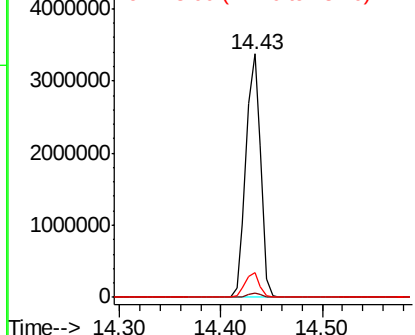
#85  
Di-n-octyl phthalate  
Concen: 63.599 ng  
RT: 14.43 min Scan# 2099  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:149 Resp: 3393877  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 10.0 8.0 12.0

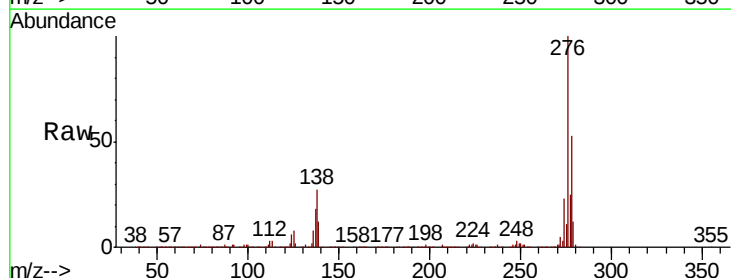


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

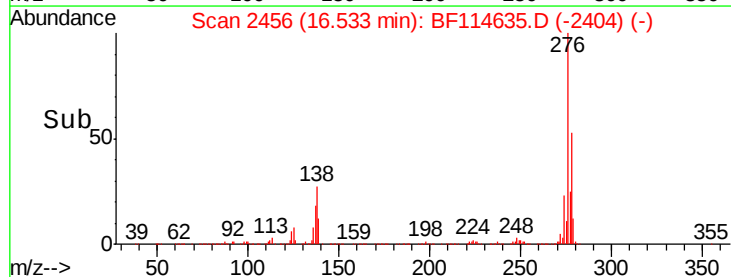
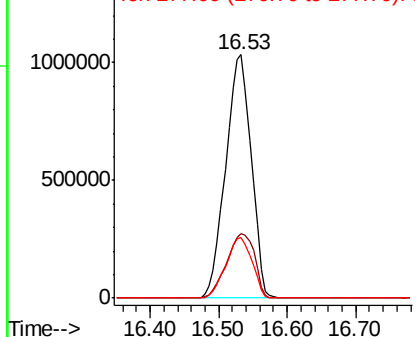


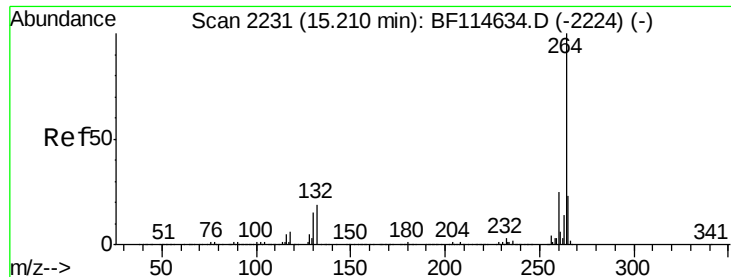
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 64.105 ng  
RT: 16.53 min Scan# 2456  
Delta R.T. 0.01 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Tgt Ion:276 Resp: 2670239  
Ion Ratio Lower Upper  
276 100  
138 29.0 23.0 34.6  
277 25.6 20.5 30.7



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

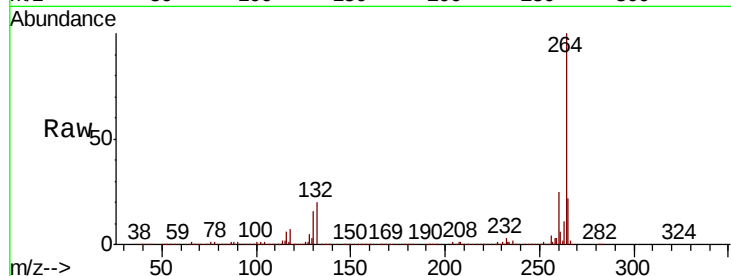
Tot Ion:264 Resp: 918119

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

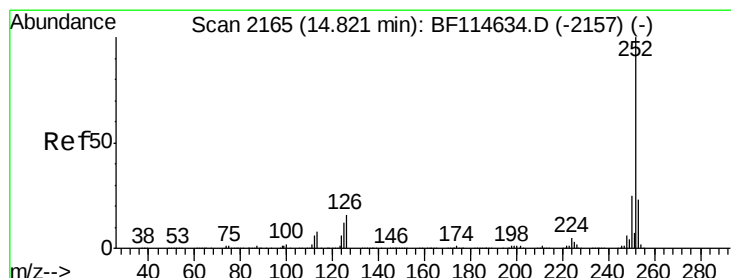
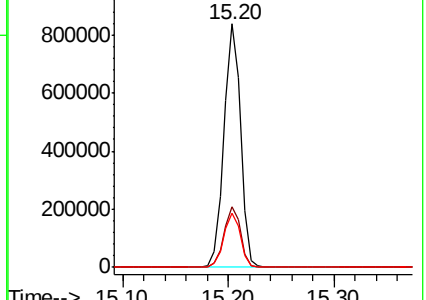
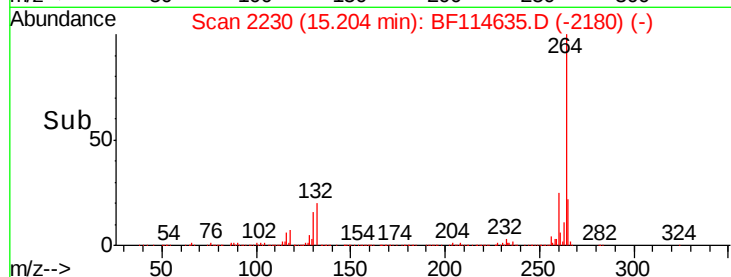
265 22.5 18.1 27.1



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: 48.127 ng

RT: 14.82 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

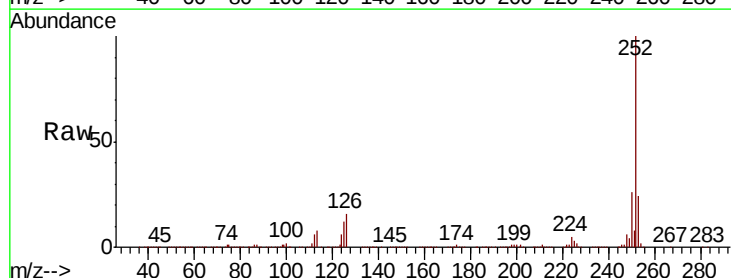
Tgt Ion:252 Resp: 2830804

Ion Ratio Lower Upper

252 100

253 23.6 18.7 28.1

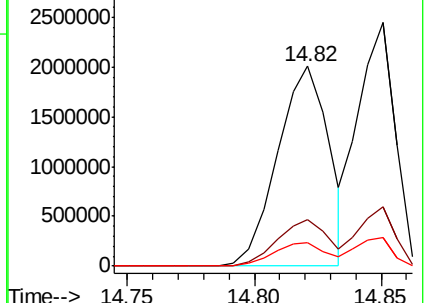
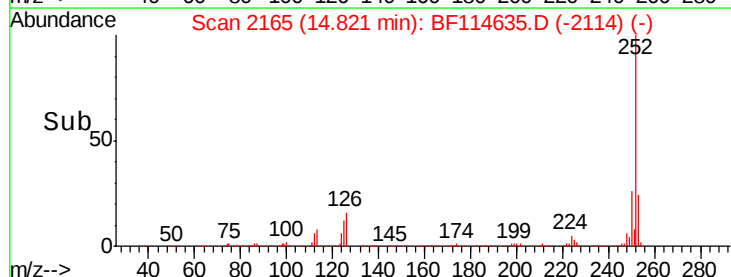
125 11.5 9.4 14.2

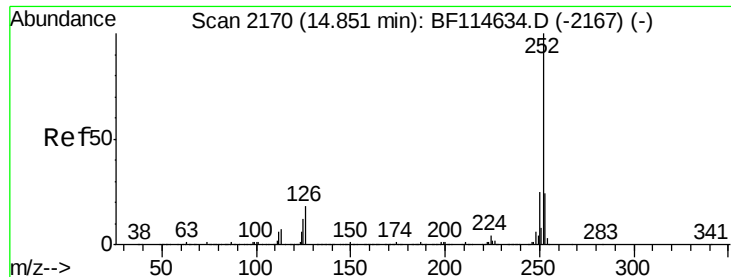


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.228 ng

RT: 14.85 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

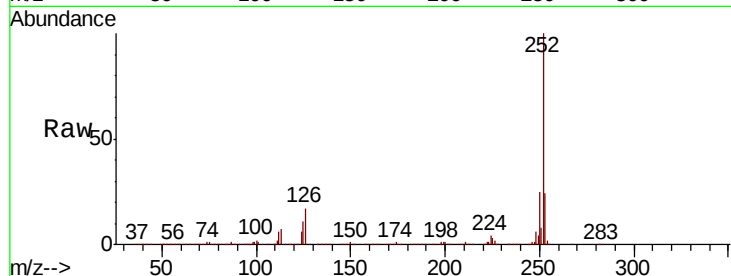
Tot Ion:252 Resp: 2497783

Ion Ratio Lower Upper

252 100

253 24.1 18.9 28.3

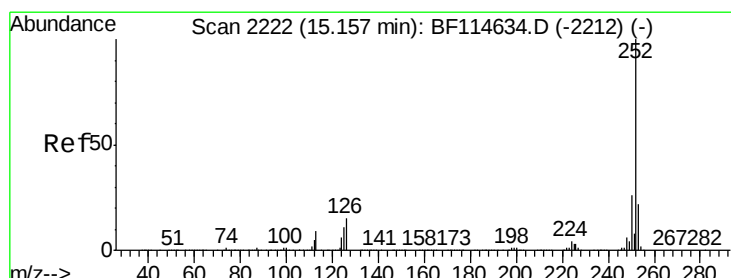
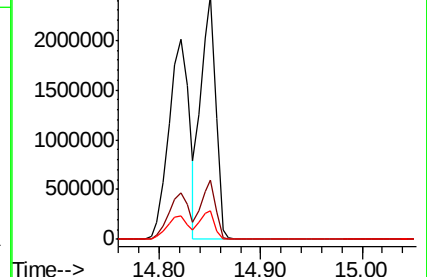
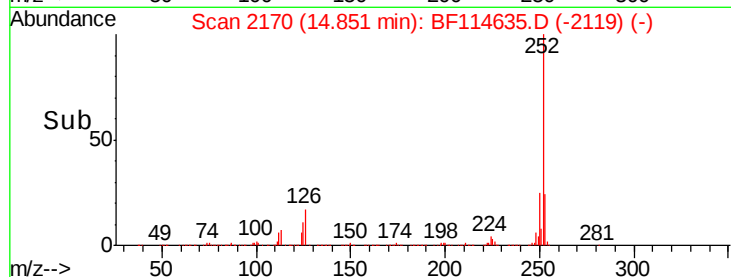
125 11.5 9.5 14.3



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



#90

Benzo(a)pyrene

Concen: 48.750 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BF114635.D

Acq: 29 May 2019 15:42

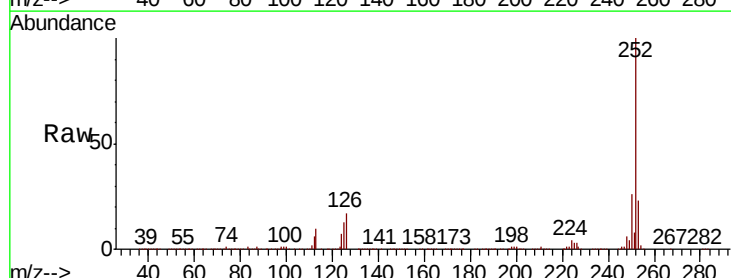
Tgt Ion:252 Resp: 2523628

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

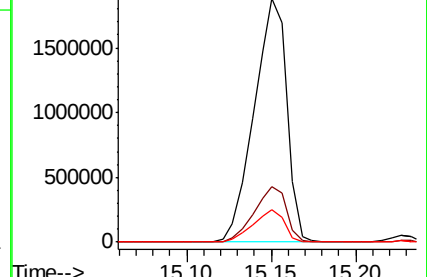
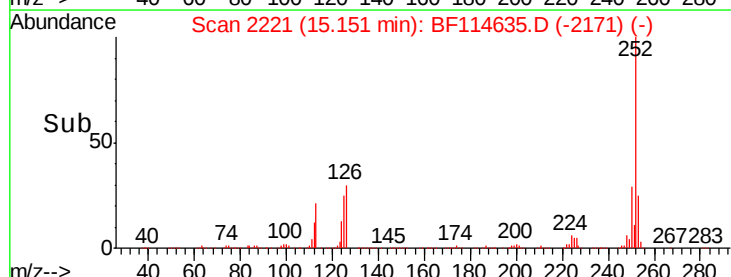
125 13.3 9.2 13.8

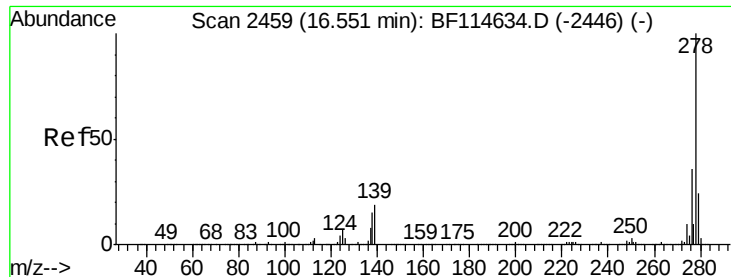


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

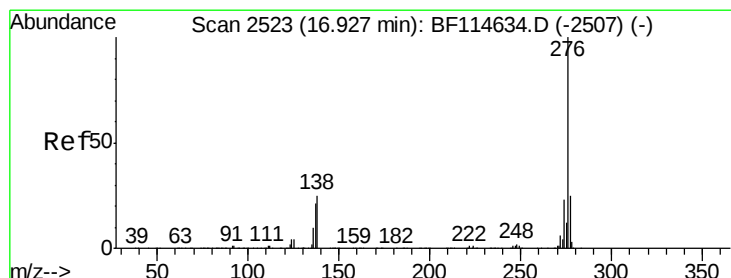
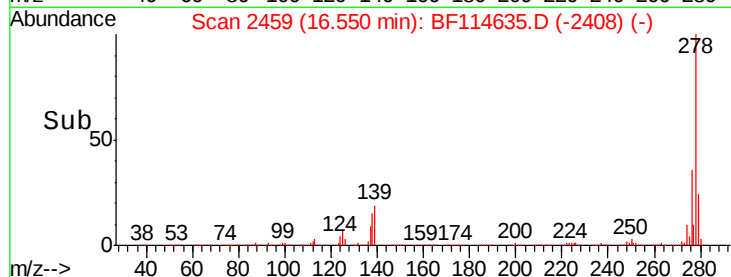
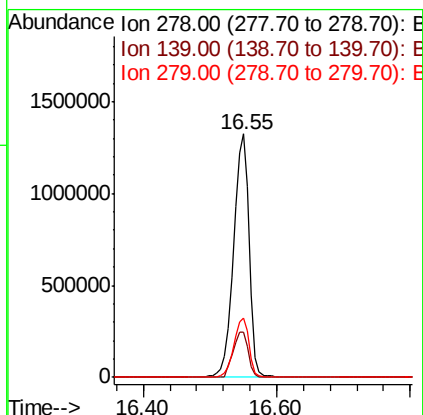
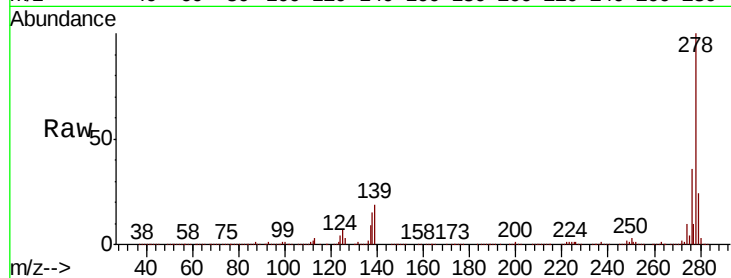




#91  
Dibenzo(a,h)anthracene  
Concen: 50.618 ng  
RT: 16.55 min Scan# 2459  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:278 Resp: 2177379  
Ion Ratio Lower Upper  
278 100  
139 18.6 14.9 22.3  
279 24.4 19.5 29.3



#92  
Benzo(g,h,i)perylene  
Concen: 49.207 ng  
RT: 16.93 min Scan# 2523  
Delta R.T. -0.00 min  
Lab File: BF114635.D  
Acq: 29 May 2019 15:42

Tgt Ion:276 Resp: 2121219  
Ion Ratio Lower Upper  
276 100  
277 24.5 19.7 29.5  
138 25.9 19.8 29.8

