

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\  
 Data File : BF114669.D  
 Acq On : 30 May 2019 19:24  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: May 31 01:03:54 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 19:08:51 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 370561   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.97  | 136  | 1504629  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.72  | 164  | 717201   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.20 | 188  | 1311819  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.82 | 240  | 761520   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.20 | 264  | 778931   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.30  | 112 | 1729016 | 81.92 | ng | 0.00 |
| 7) Phenol-d6             | 6.33  | 99  | 2101840 | 82.64 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.26  | 82  | 1979602 | 82.08 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.50 | 330 | 568060  | 83.13 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.06  | 172 | 3319624 | 87.40 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.78 | 244 | 3262643 | 80.55 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.35 | 88  | 412526  | 40.729 | ng | 97     |
| 3) Pyridine                    | 3.03 | 79  | 1160310 | 39.363 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.98 | 42  | 461333  | 38.675 | ng | 95     |
| 6) Aniline                     | 6.36 | 93  | 1567716 | 40.807 | ng | 99     |
| 8) 2-Chlorophenol              | 6.48 | 128 | 1027640 | 42.160 | ng | 100    |
| 9) Benzaldehyde                | 6.24 | 77  | 640773  | 47.326 | ng | 97     |
| 10) Phenol                     | 6.35 | 94  | 1276603 | 41.550 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.43 | 93  | 961419  | 40.910 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.64 | 146 | 1171992 | 42.203 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 1169941 | 41.995 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146 | 1080588 | 42.604 | ng | 100    |
| 15) Benzyl Alcohol             | 6.84 | 79  | 825272  | 41.251 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.98 | 45  | 1407349 | 39.044 | ng | 99     |
| 17) 2-Methylphenol             | 6.95 | 107 | 850655  | 41.262 | ng | 99     |
| 18) Hexachloroethane           | 7.21 | 117 | 408695  | 38.747 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70  | 692080  | 39.422 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.11 | 107 | 952411  | 39.280 | ng | 97     |
| 22) Acetophenone               | 7.11 | 105 | 1298451 | 40.502 | ng | 100    |
| 24) Nitrobenzene               | 7.27 | 77  | 1057081 | 41.263 | ng | 99     |
| 25) Isophorone                 | 7.52 | 82  | 1872992 | 38.699 | ng | 99     |
| 26) 2-Nitrophenol              | 7.59 | 139 | 523938  | 42.015 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.64 | 122 | 845626  | 40.774 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.73 | 93  | 1227490 | 39.841 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.83 | 162 | 868858  | 41.159 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.92 | 180 | 1007864 | 41.906 | ng | 100    |
| 31) Naphthalene                | 8.00 | 128 | 2776848 | 40.067 | ng | 100    |
| 32) Benzoic acid               | 7.76 | 122 | 547361  | 40.634 | ng | 96     |
| 33) 4-Chloroaniline            | 8.05 | 127 | 1316683 | 39.876 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.13 | 225 | 559975  | 41.913 | ng | 99     |
| 35) Caprolactam                | 8.42 | 113 | 284548  | 39.943 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 8.53 | 107 | 860212  | 40.634 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.69 | 142 | 1890562 | 41.056 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.79 | 142 | 1784787 | 40.908 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.86 | 216 | 845816  | 44.285 | ng | 99     |

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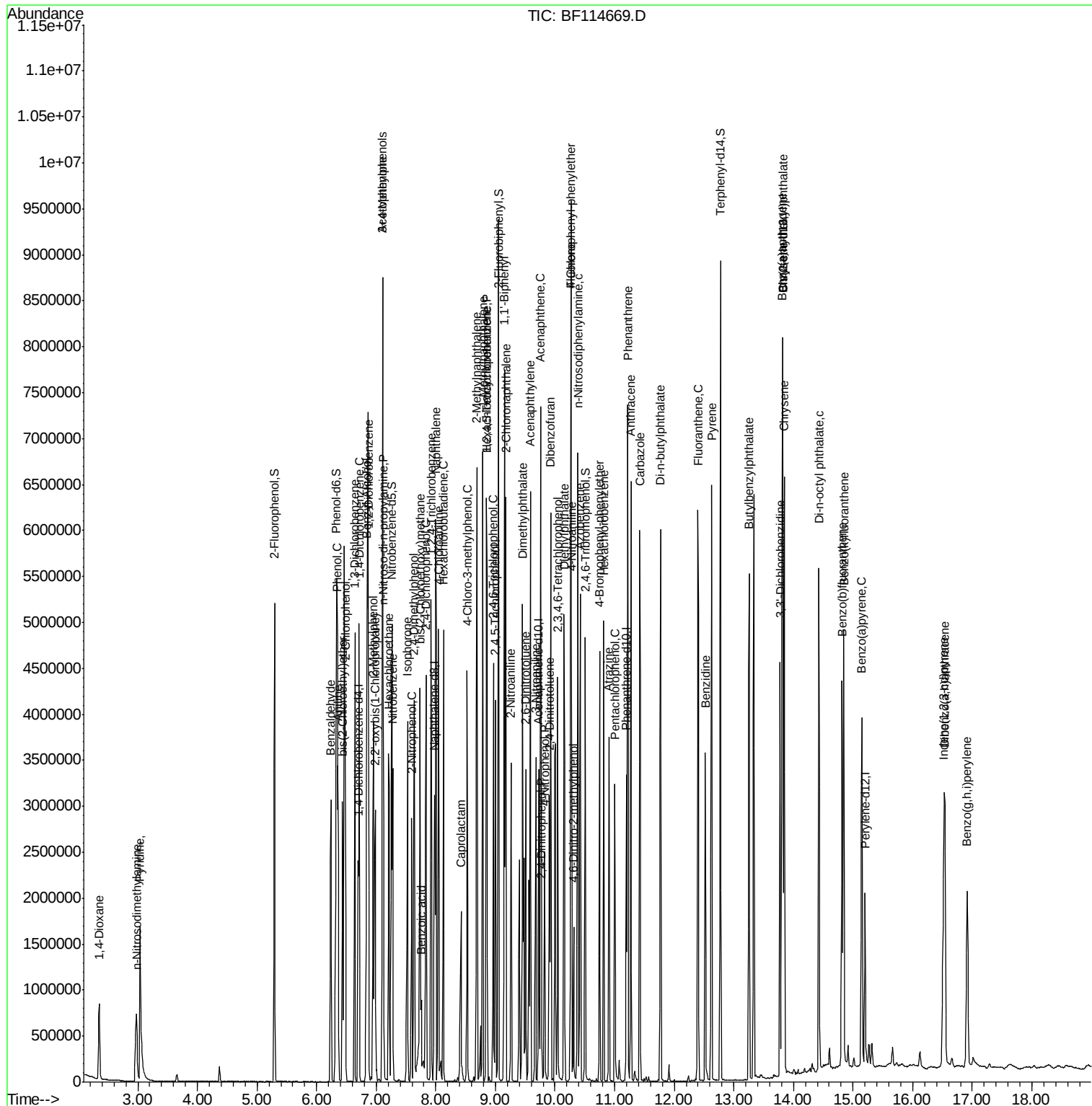
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.85  | 237  | 447688   | 35.471 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 8.96  | 196  | 633526   | 42.156 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.00  | 196  | 633492   | 42.242 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.15  | 154  | 2197020  | 41.268 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.17  | 162  | 1849402  | 42.349 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.26  | 65   | 577210   | 42.830 | ng    | 100      |
| 49) Acenaphthylene             | 9.59  | 152  | 2690691  | 39.882 | ng    | 99       |
| 50) Dimethylphthalate          | 9.46  | 163  | 2089465  | 41.810 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.51  | 165  | 477051   | 41.081 | ng    | 97       |
| 52) Acenaphthene               | 9.76  | 154  | 1733258  | 41.891 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.67  | 138  | 604109   | 42.506 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 9.77  | 184  | 197452   | 43.107 | ng    | 93       |
| 55) Dibenzofuran               | 9.93  | 168  | 2354488  | 39.977 | ng    | 98       |
| 56) 4-Nitrophenol              | 9.83  | 139  | 428157   | 40.652 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 9.90  | 165  | 623899   | 41.863 | ng    | 97       |
| 58) Fluorene                   | 10.27 | 166  | 1634301  | 40.951 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.05 | 232  | 508914   | 41.459 | ng    | 100      |
| 60) Diethylphthalate           | 10.15 | 149  | 2109798  | 41.334 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.26 | 204  | 849397   | 42.636 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.28 | 138  | 584747   | 42.222 | ng    | 98       |
| 63) Azobenzene                 | 10.42 | 77   | 1846122  | 39.394 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.31 | 198  | 207022   | 35.591 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 10.38 | 169  | 1656046  | 42.728 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.75 | 248  | 598766   | 42.564 | ng    | 99       |
| 68) Hexachlorobenzene          | 10.82 | 284  | 638327   | 41.894 | ng    | 100      |
| 69) Atrazine                   | 10.91 | 200  | 488335   | 39.022 | ng    | 99       |
| 70) Pentachlorophenol          | 11.00 | 266  | 371132   | 42.255 | ng    | 99       |
| 71) Phenanthrene               | 11.22 | 178  | 2590880  | 38.717 | ng    | 99       |
| 72) Anthracene                 | 11.27 | 178  | 2627998  | 38.802 | ng    | 100      |
| 73) Carbazole                  | 11.42 | 167  | 2364841  | 39.730 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.77 | 149  | 2939788  | 39.716 | ng    | 100      |
| 75) Fluoranthene               | 12.40 | 202  | 2572772  | 37.130 | ng    | 100      |
| 77) Benzidine                  | 12.52 | 184  | 1343598  | 42.847 | ng    | 99       |
| 78) Pyrene                     | 12.63 | 202  | 2590113  | 40.208 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.26 | 149  | 1269866  | 39.224 | ng    | 99       |
| 81) Benzo(a)anthracene         | 13.81 | 228  | 2273412  | 38.848 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.77 | 252  | 930597   | 41.177 | ng    | 98       |
| 83) Chrysene                   | 13.85 | 228  | 2147552  | 38.410 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.82 | 149  | 1599032  | 39.952 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.43 | 149  | 2603704  | 37.442 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.52 | 276  | 1849181  | 33.022 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.82 | 252  | 2007634  | 40.922 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 14.84 | 252  | 1857360  | 43.557 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.14 | 252  | 1772330  | 41.122 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.54 | 278  | 1511718  | 39.694 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 16.92 | 276  | 1472035  | 39.824 | ng    | 99       |

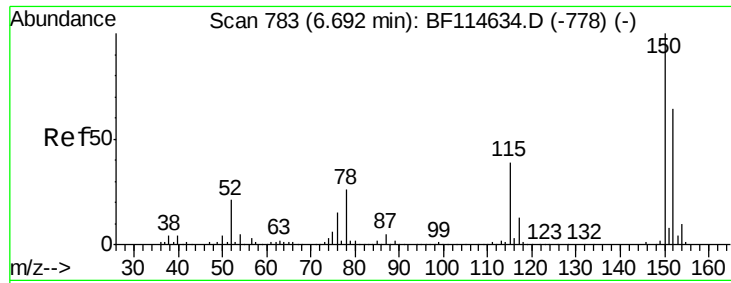
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

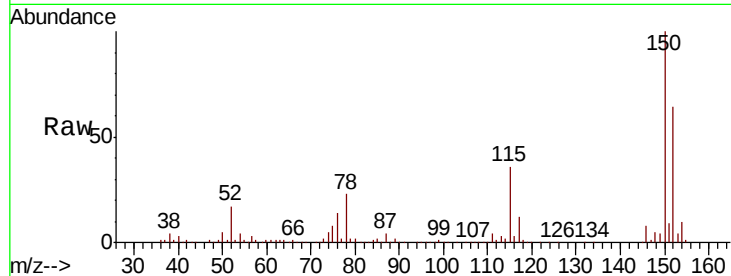
Tot Ion:152 Resp: 370561

Ion Ratio Lower Upper

152 100

150 156.7 124.4 186.6

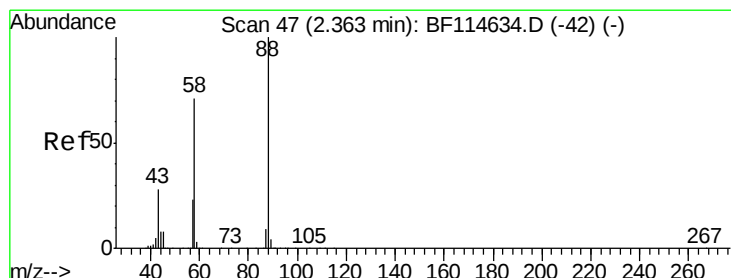
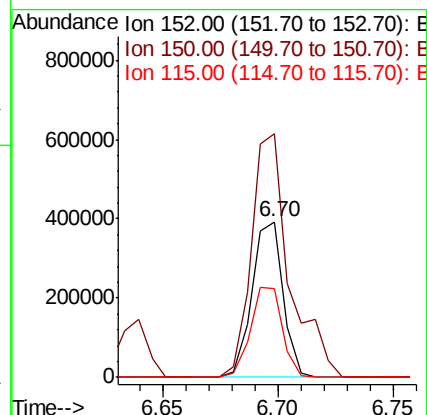
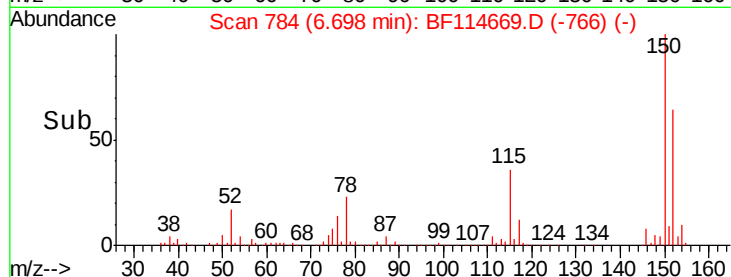
115 57.0 48.7 73.1



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: 40.729 ng

RT: 2.35 min Scan# 45

Delta R.T. -0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

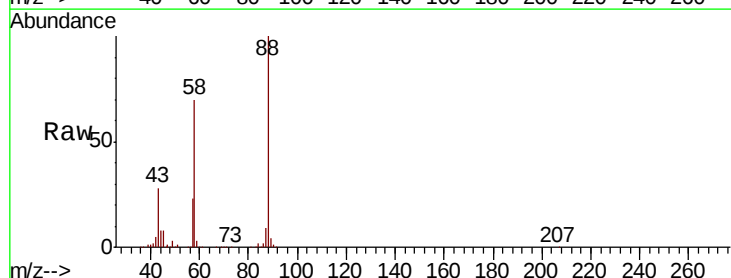
Tgt Ion: 88 Resp: 412526

Ion Ratio Lower Upper

88 100

58 69.1 57.2 85.8

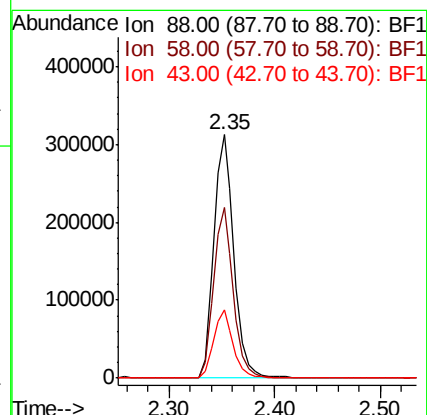
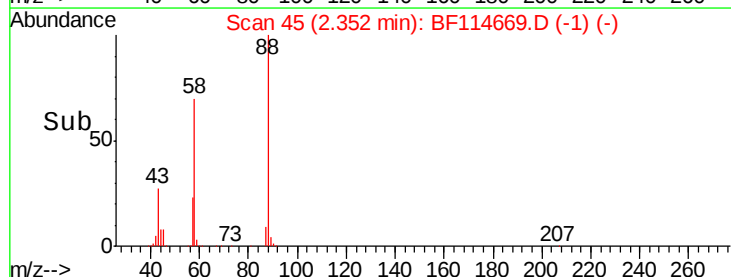
43 26.9 22.6 33.8

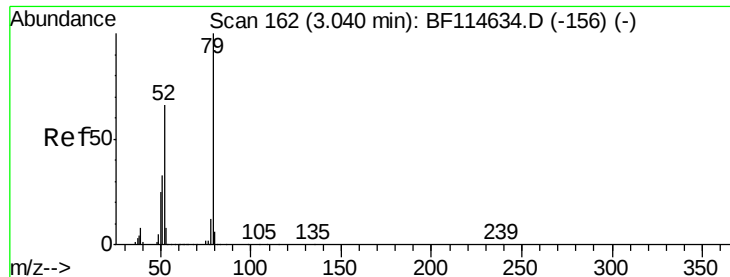


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.363 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

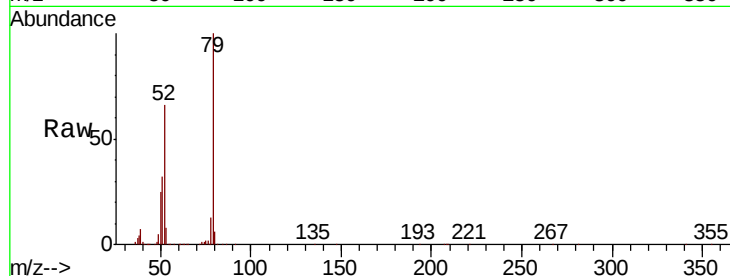
Tot Ion: 79 Resp: 1160310

Ion Ratio Lower Upper

79 100

52 65.6 52.8 79.2

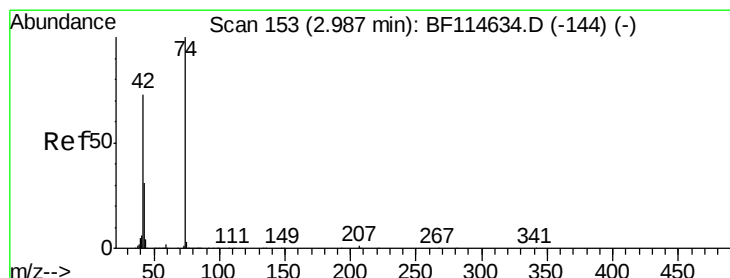
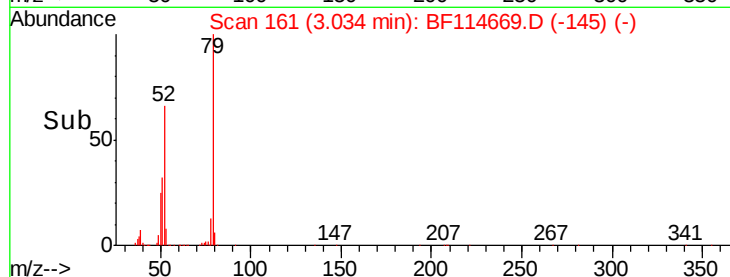
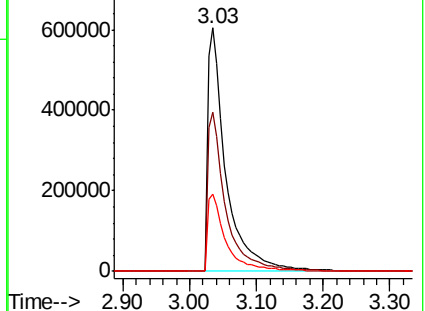
51 32.0 26.3 39.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.675 ng

RT: 2.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

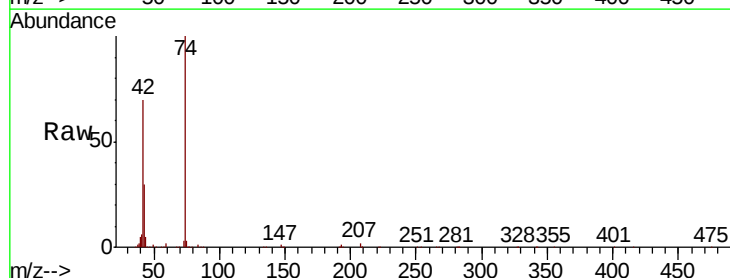
Tgt Ion: 42 Resp: 461333

Ion Ratio Lower Upper

42 100

74 143.4 110.0 165.0

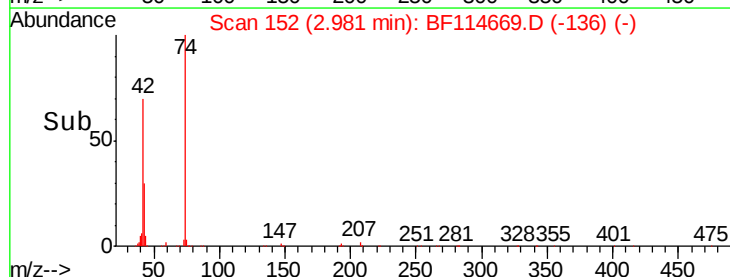
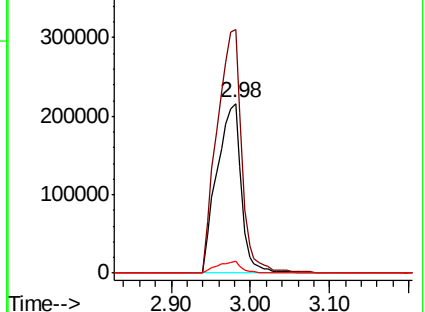
44 6.7 5.6 8.4

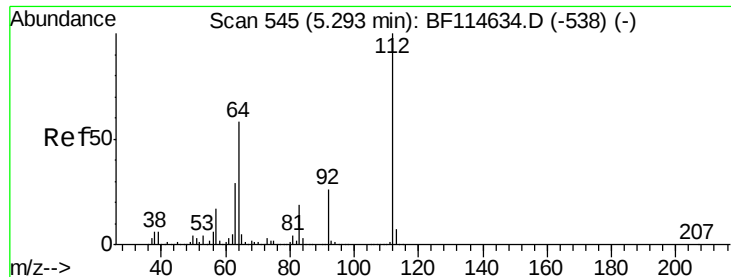


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.920 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.01 min

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ClientSampleId :

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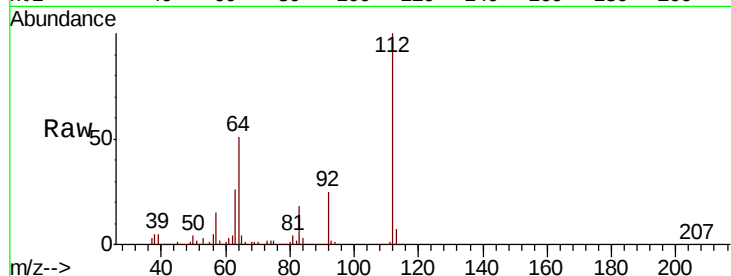
Tot Ion:112 Resp: 1729016

Ion Ratio Lower Upper

112 100

64 51.4 46.1 69.1

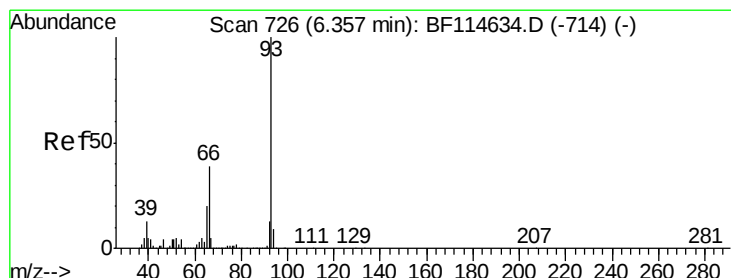
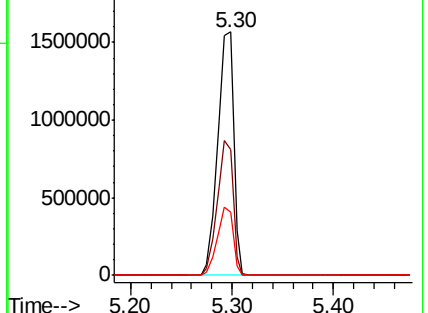
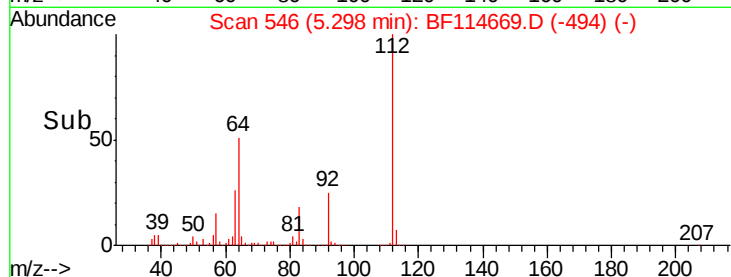
63 26.2 23.4 35.2



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: 40.807 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

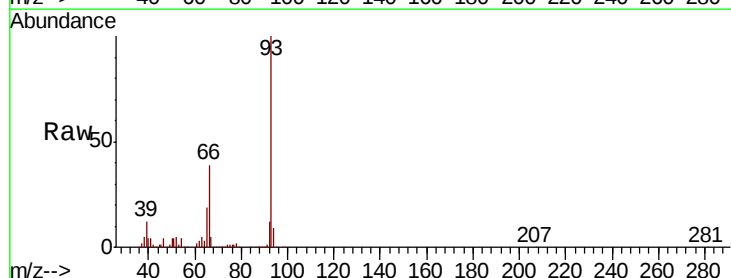
Tgt Ion: 93 Resp: 1567716

Ion Ratio Lower Upper

93 100

66 38.9 31.4 47.2

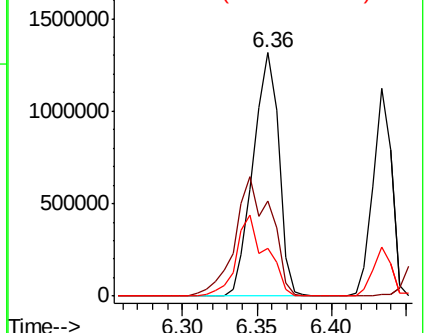
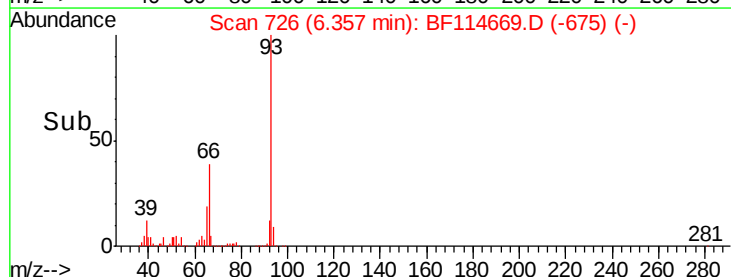
65 19.4 16.2 24.2

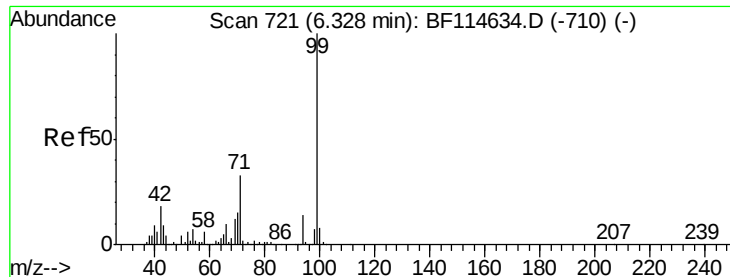


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.640 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114669.D

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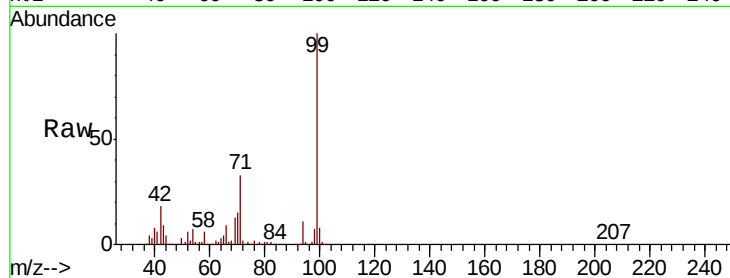
Tot Ion: 99 Resp: 2101840

Ion Ratio Lower Upper

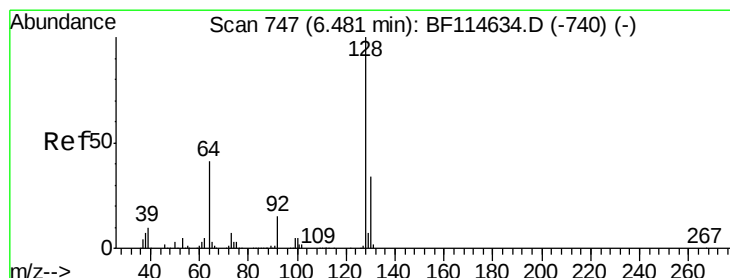
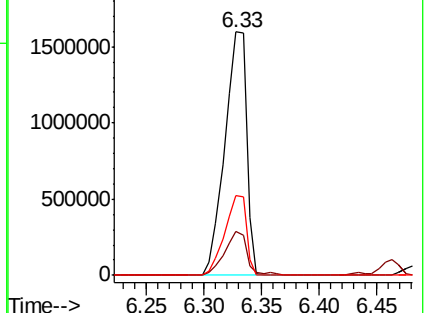
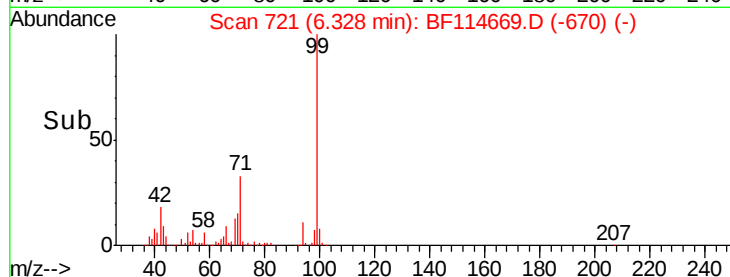
99 100

42 17.8 14.7 22.1

71 32.9 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: 42.160 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

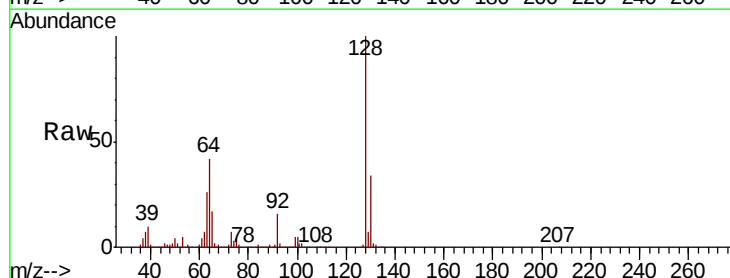
Tgt Ion: 128 Resp: 1027640

Ion Ratio Lower Upper

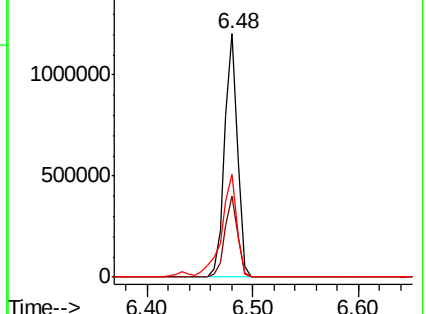
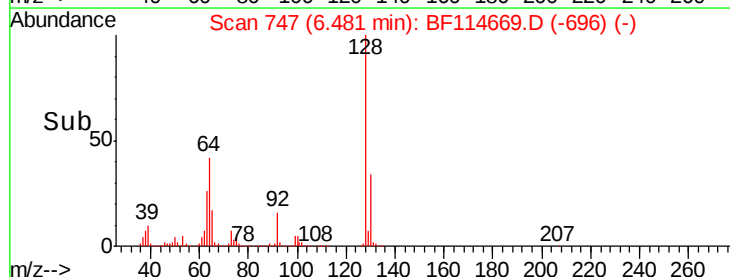
128 100

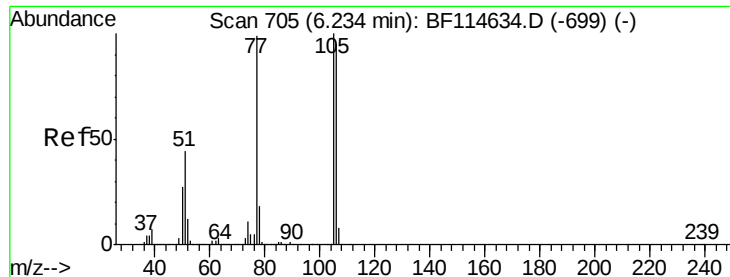
130 33.6 13.9 53.9

64 42.0 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: 47.326 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

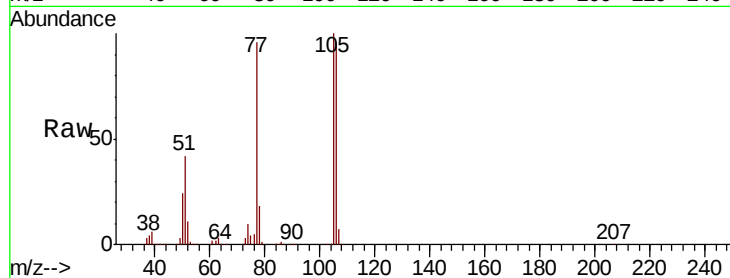
Tot Ion: 77 Resp: 640773

Ion Ratio Lower Upper

77 100

105 103.7 80.8 120.8

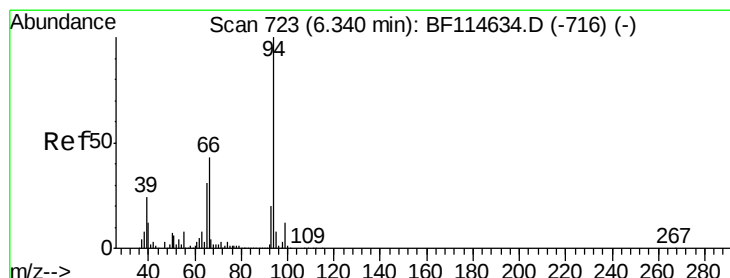
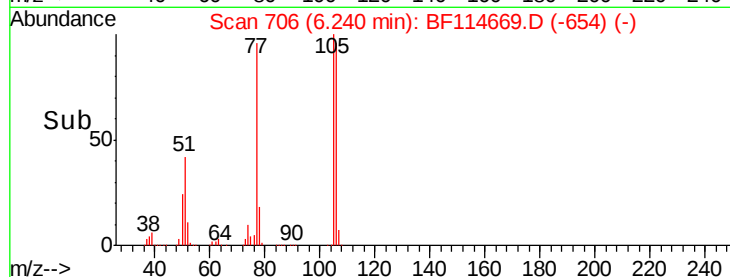
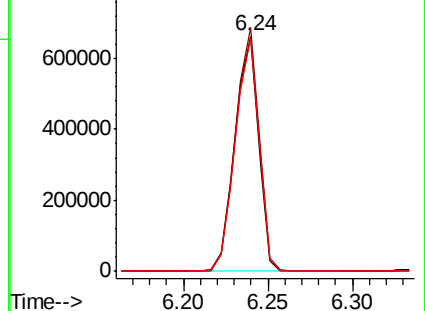
106 99.6 76.2 116.2



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: 41.550 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

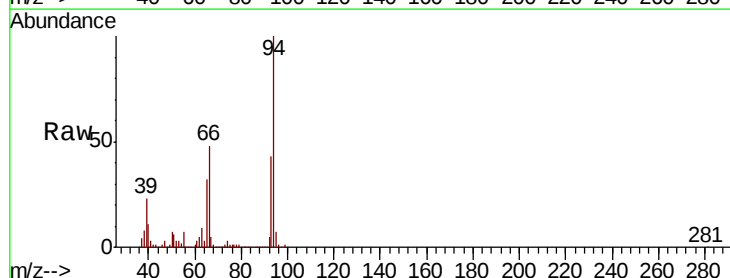
Tgt Ion: 94 Resp: 1276603

Ion Ratio Lower Upper

94 100

65 32.4 11.0 51.0

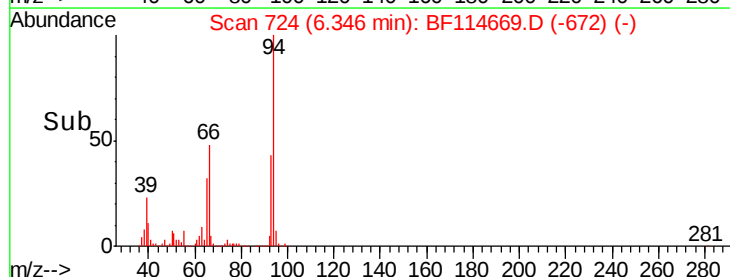
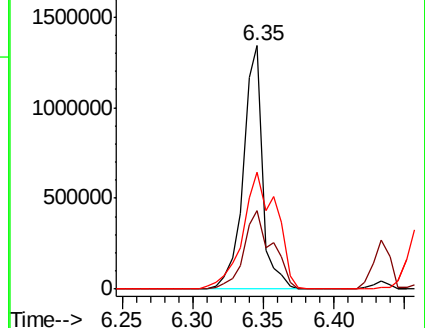
66 48.0 23.0 63.0

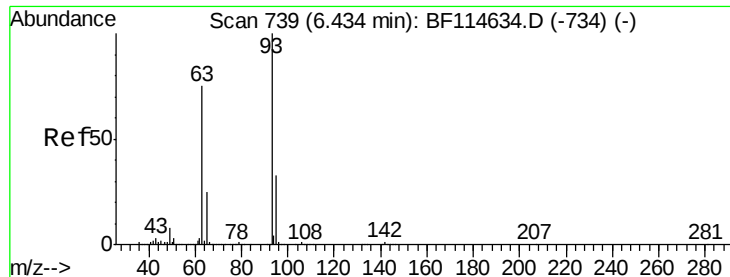


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.910 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

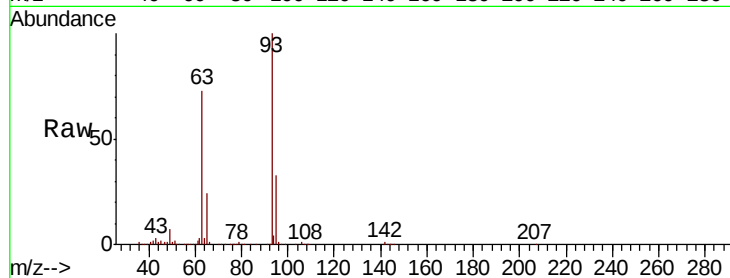
Tot Ion: 93 Resp: 961419

Ion Ratio Lower Upper

93 100

63 73.3 55.0 95.0

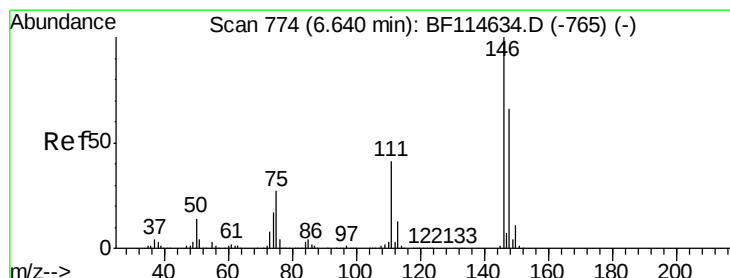
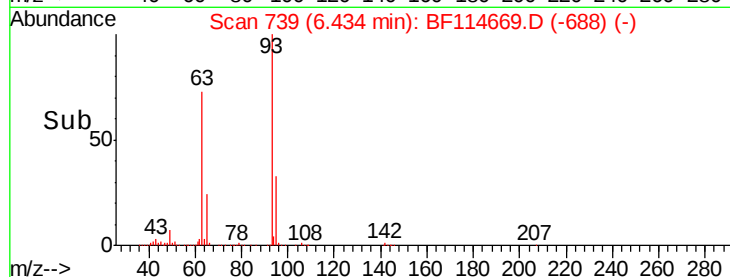
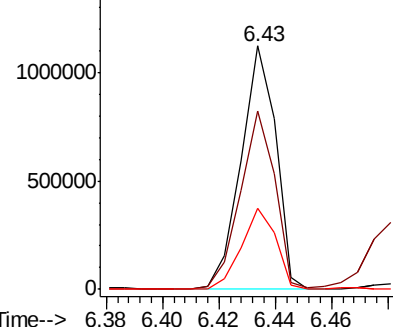
95 33.5 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.203 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

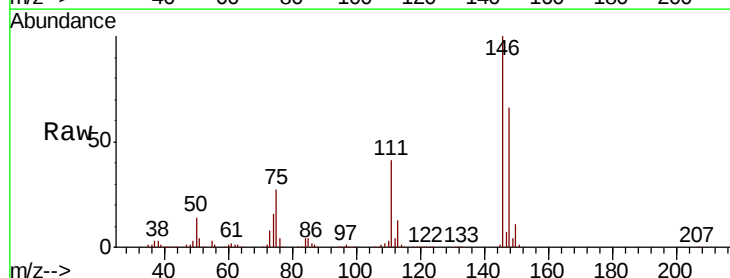
Tgt Ion: 146 Resp: 1171992

Ion Ratio Lower Upper

146 100

148 66.1 52.9 79.3

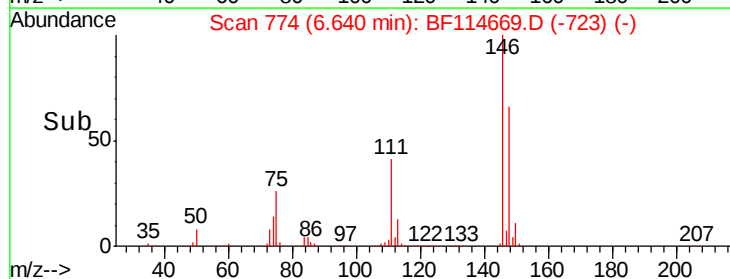
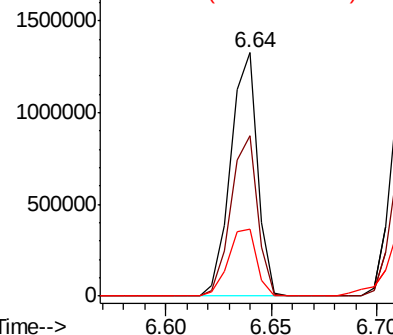
75 27.4 22.0 33.0

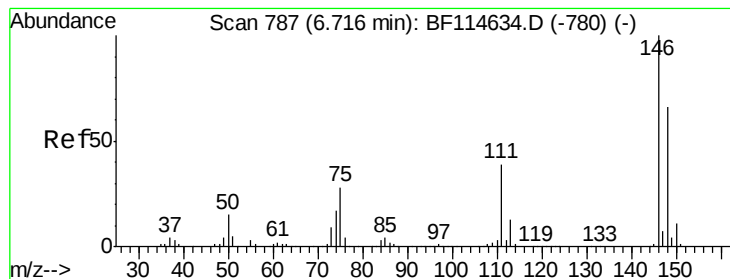


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.995 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

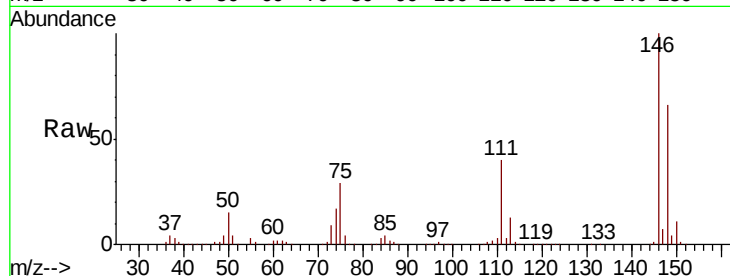
Tot Ion:146 Resp: 1169941

Ion Ratio Lower Upper

146 100

148 66.2 52.5 78.7

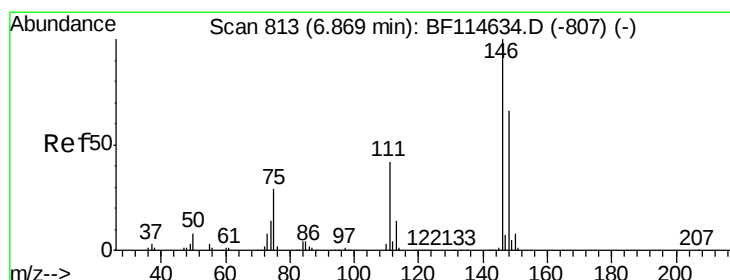
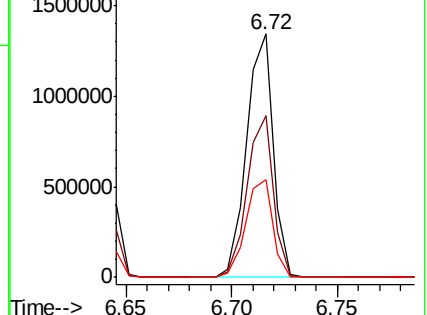
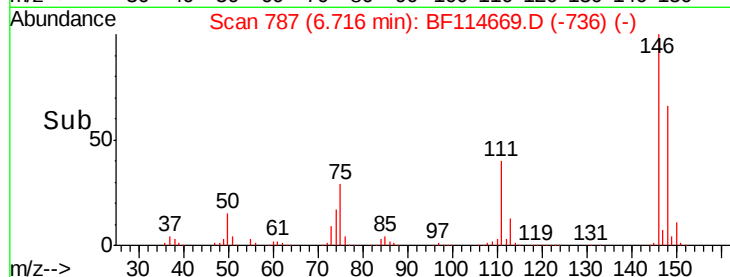
111 40.2 31.4 47.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.604 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

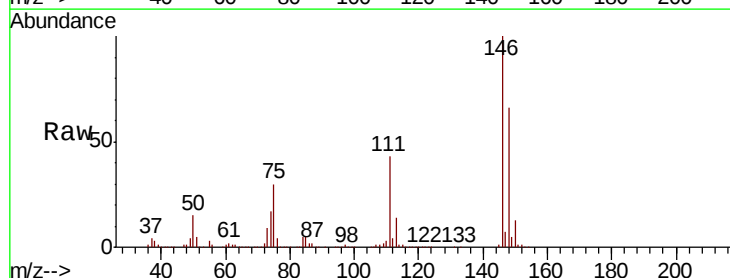
Tgt Ion:146 Resp: 1080588

Ion Ratio Lower Upper

146 100

148 65.9 52.6 79.0

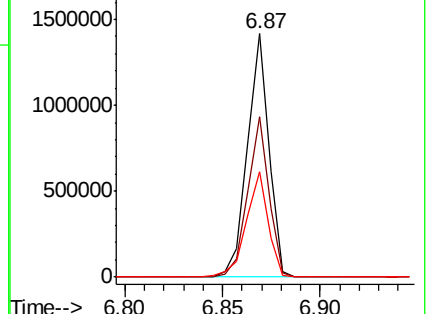
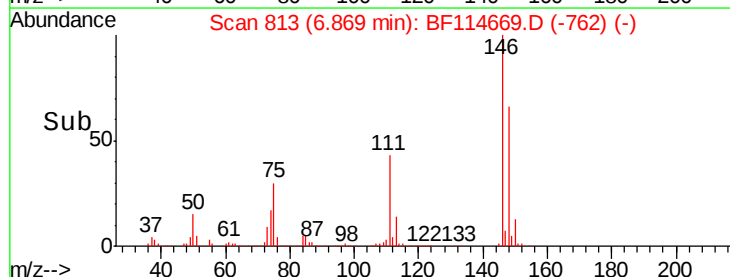
111 43.1 34.1 51.1

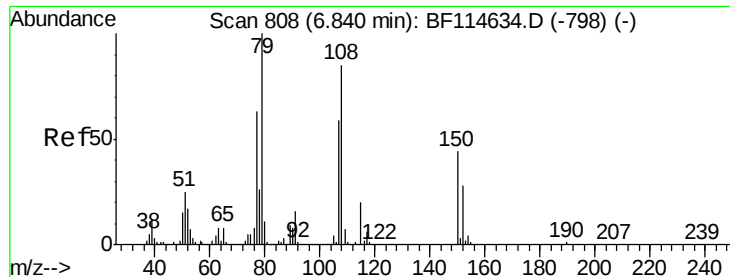


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.251 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

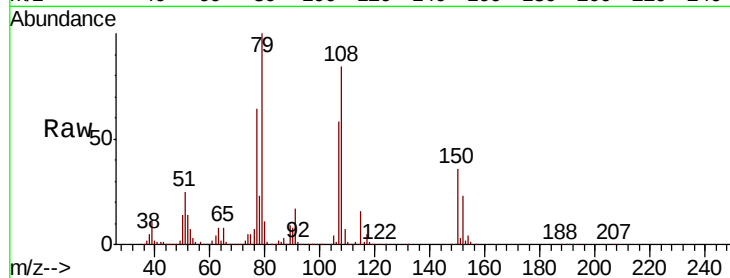
Tot Ion: 79 Resp: 825272

Ion Ratio Lower Upper

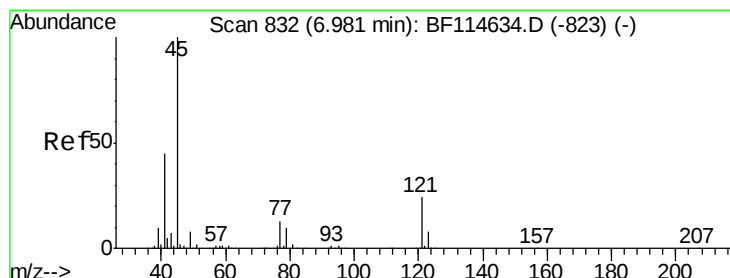
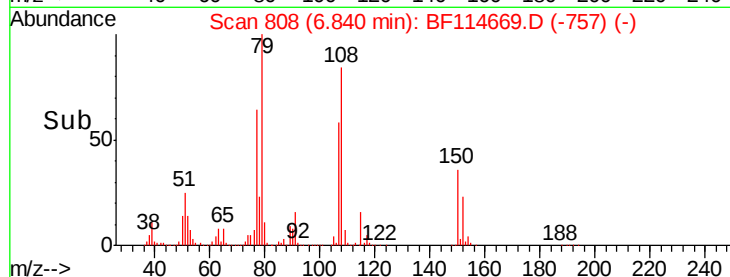
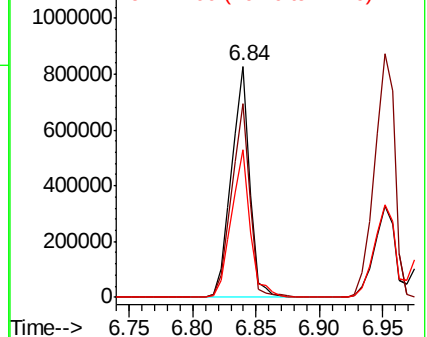
79 100

108 83.8 67.8 101.8

77 63.6 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: 39.044 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

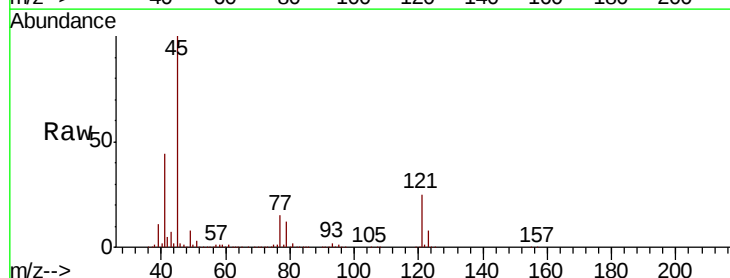
Tgt Ion: 45 Resp: 1407349

Ion Ratio Lower Upper

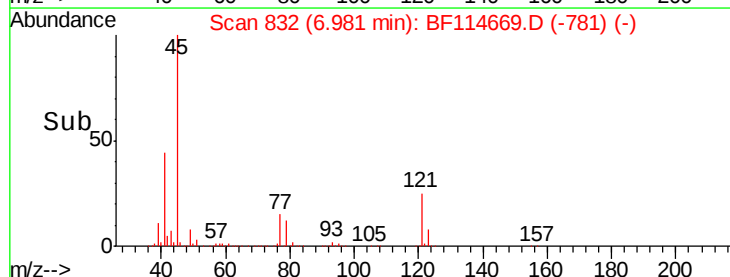
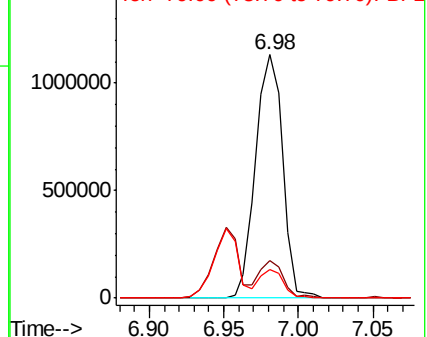
45 100

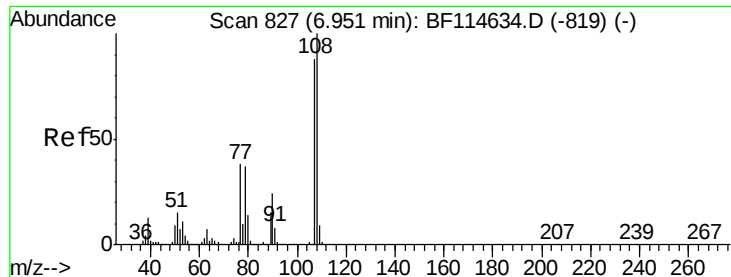
77 15.3 0.0 34.7

79 11.7 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: 41.262 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 850655

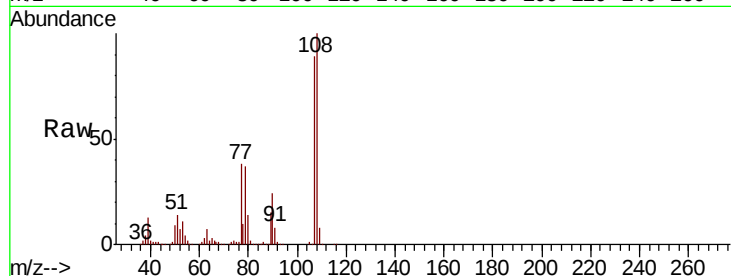
Ion Ratio Lower Upper

107 100

108 112.8 91.1 136.7

77 42.9 34.9 52.3

79 42.1 33.8 50.6

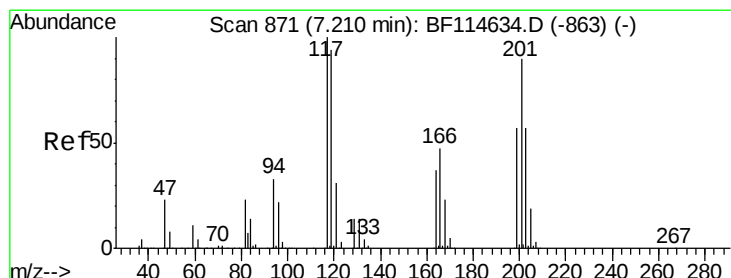
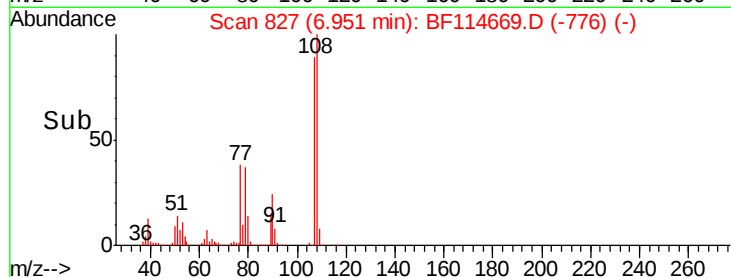
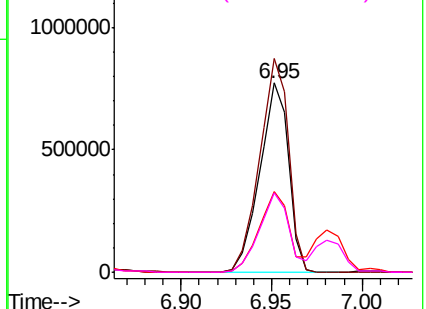


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.747 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

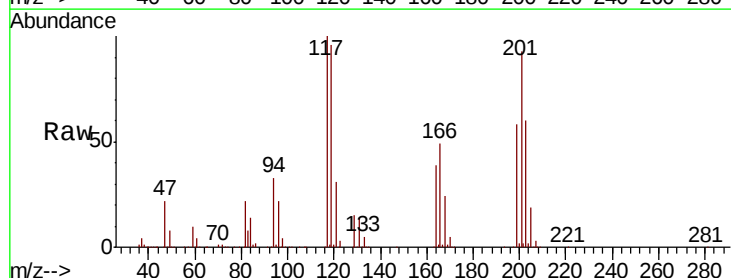
Tgt Ion:117 Resp: 408695

Ion Ratio Lower Upper

117 100

119 95.7 75.6 113.4

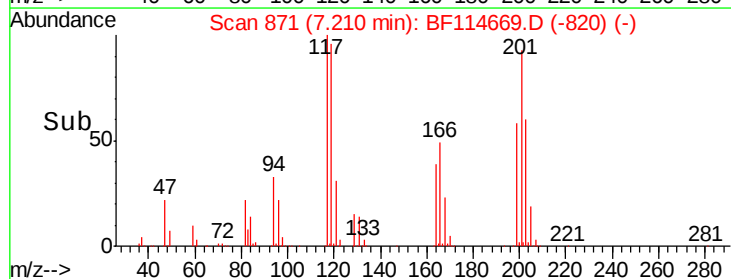
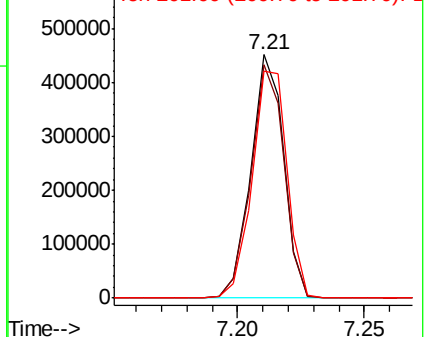
201 93.4 71.7 107.5

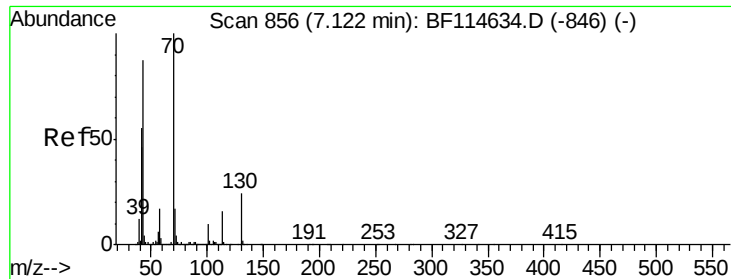


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

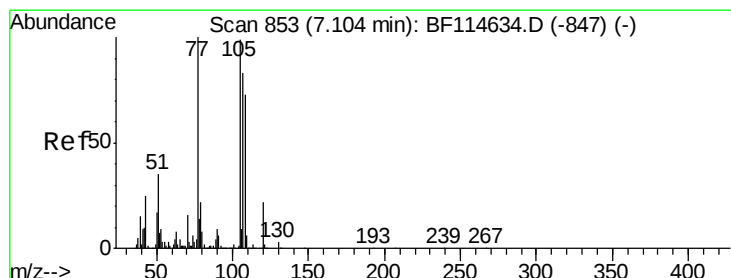
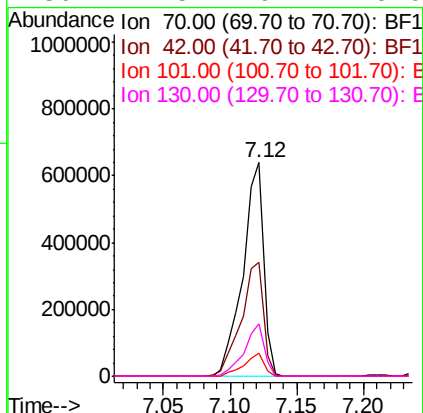
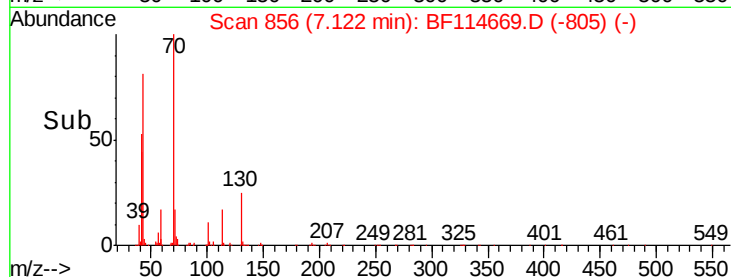
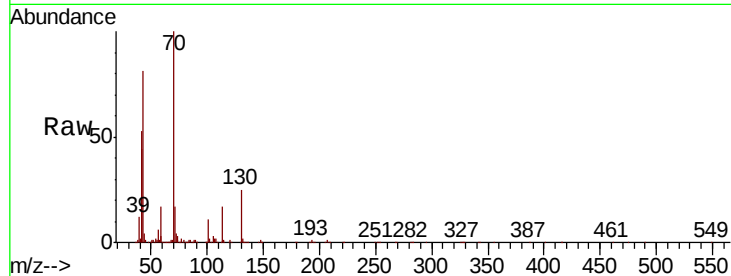




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.422 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

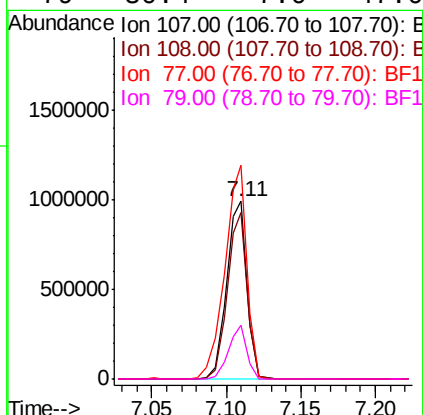
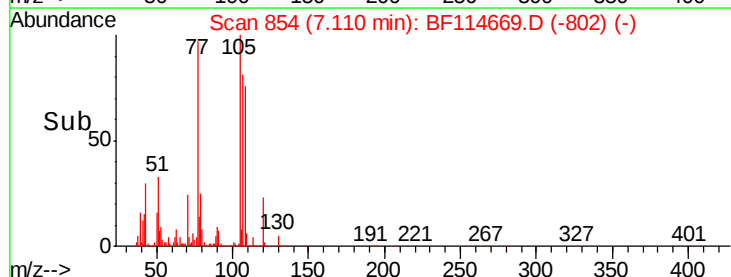
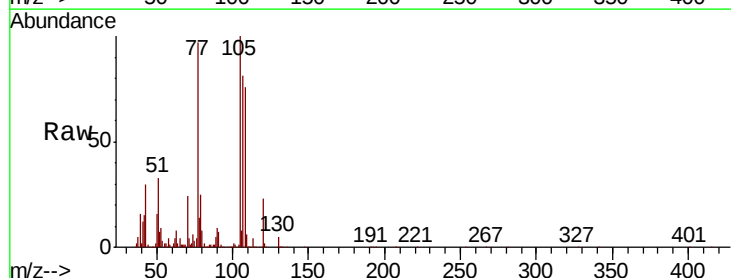
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

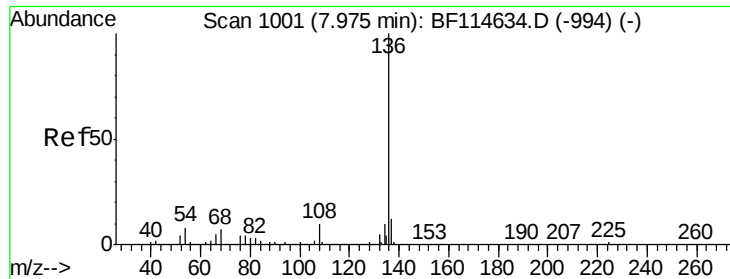
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 692080 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 53.4  | 44.4  | 66.6   |
| 101      | 10.6  | 8.2   | 12.4   |
| 130      | 24.5  | 19.4  | 29.0   |



#20  
3+4-Methylphenols  
Concen: 39.280 ng  
RT: 7.11 min Scan# 854  
Delta R.T. 0.01 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 952411 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 93.7  | 68.6  | 108.6  |
| 77       | 120.1 | 100.5 | 140.5  |
| 79       | 30.4  | 7.0   | 47.0   |

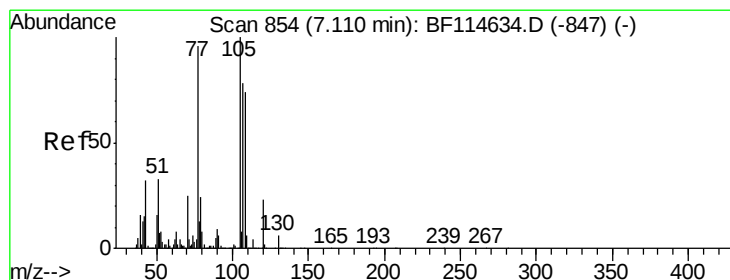
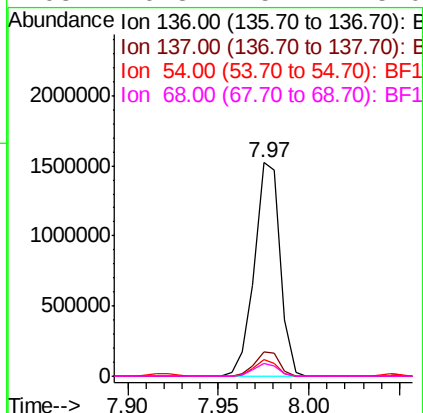
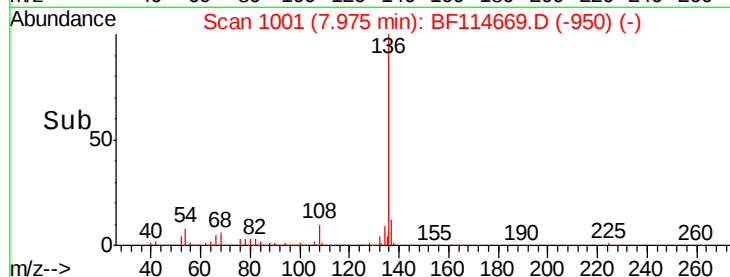
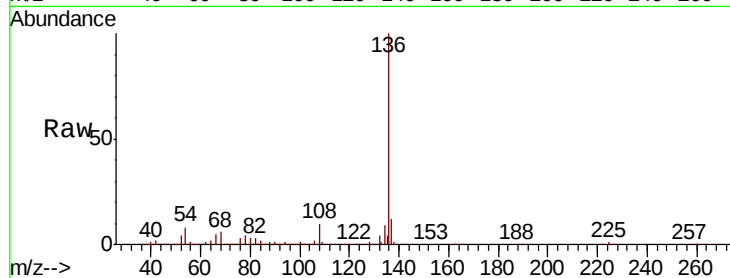




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.97 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

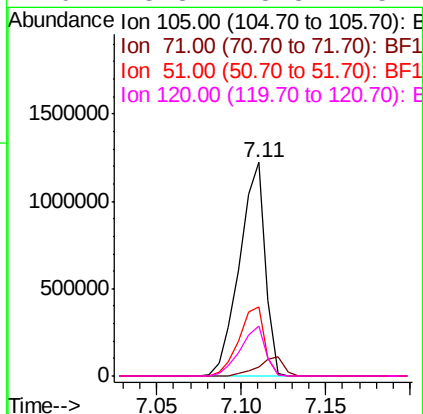
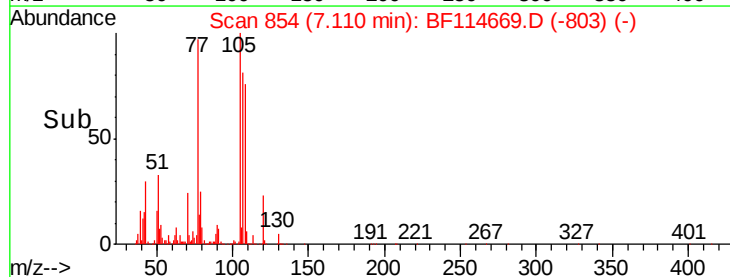
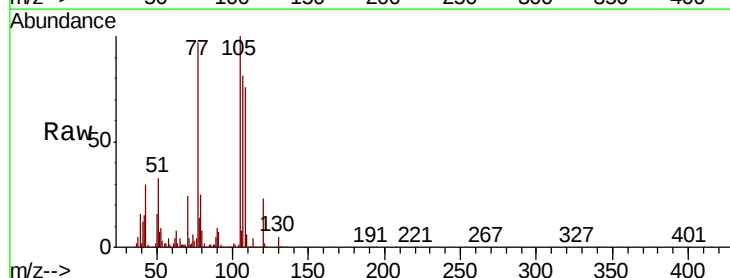
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

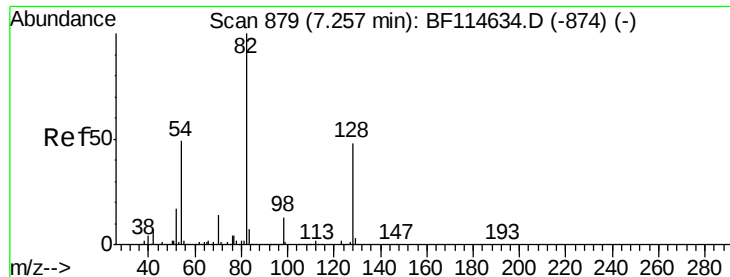
|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1504629 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 11.7    | 9.3 13.9      |
| 54 7.6      | 6.3 9.5       |
| 68 6.3      | 5.4 8.0       |



#22  
Acetophenone  
Concen: 40.502 ng  
RT: 7.11 min Scan# 854  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

|         |           |       |         |
|---------|-----------|-------|---------|
| Tgt Ion | Ion:105   | Resp: | 1298451 |
| 105     | Ratio 100 | Lower | Upper   |
| 71      | 4.2       | 3.6   | 5.4     |
| 51      | 32.6      | 26.0  | 39.0    |
| 120     | 23.3      | 18.8  | 28.2    |

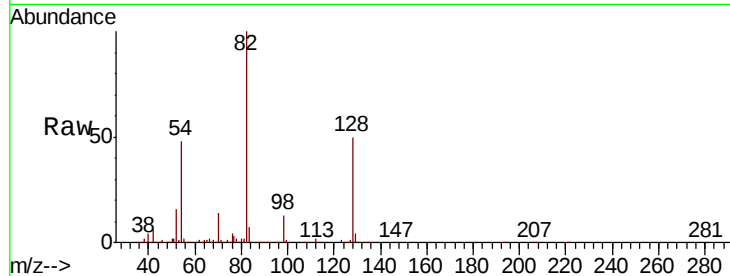




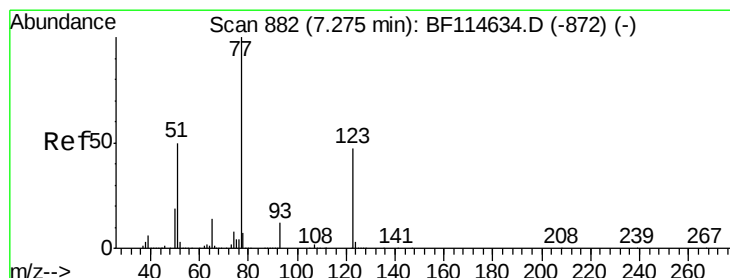
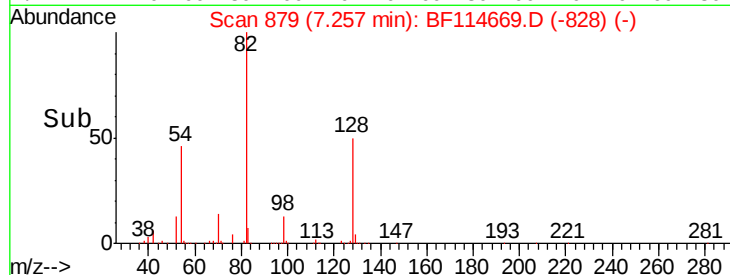
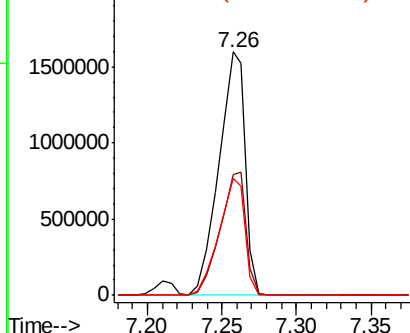
#23  
Nitrobenzene-d5  
Concen: 82.084 ng  
RT: 7.26 min Scan# 879  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion: 82 Resp: 1979602  
Ion Ratio Lower Upper  
82 100  
128 49.8 38.5 57.7  
54 48.0 39.1 58.7

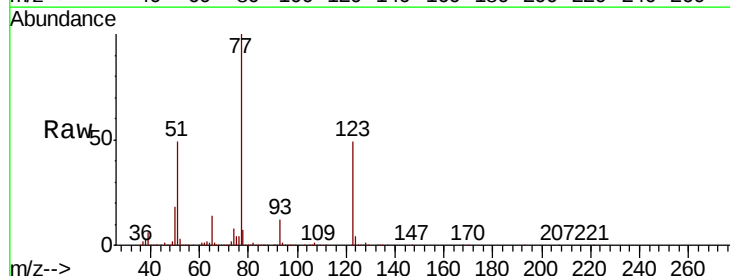


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

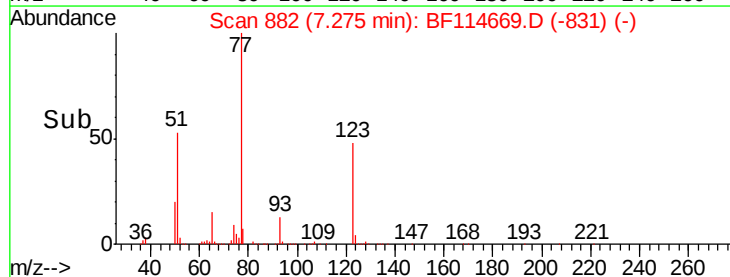
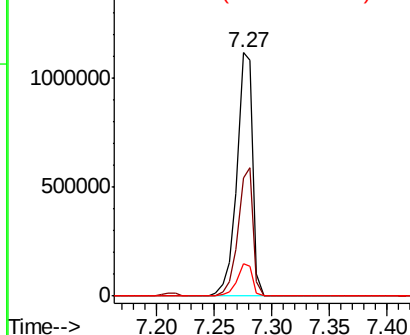


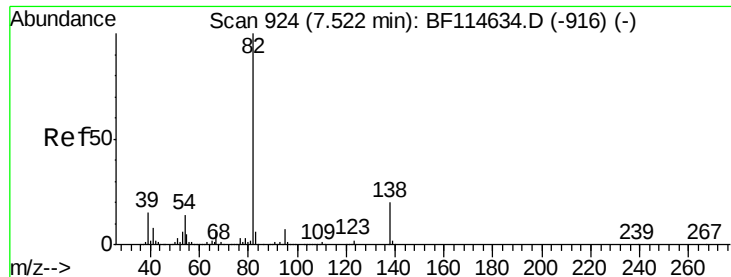
#24  
Nitrobenzene  
Concen: 41.263 ng  
RT: 7.27 min Scan# 882  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Tgt Ion: 77 Resp: 1057081  
Ion Ratio Lower Upper  
77 100  
123 48.7 38.5 57.7  
65 13.5 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: 38.699 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

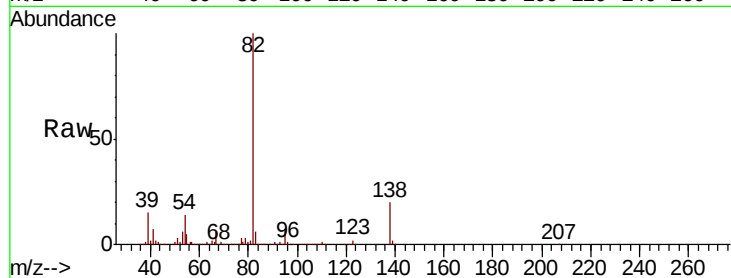
Tot Ion: 82 Resp: 1872992

Ion Ratio Lower Upper

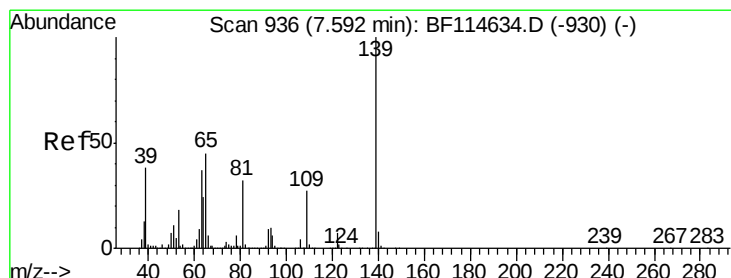
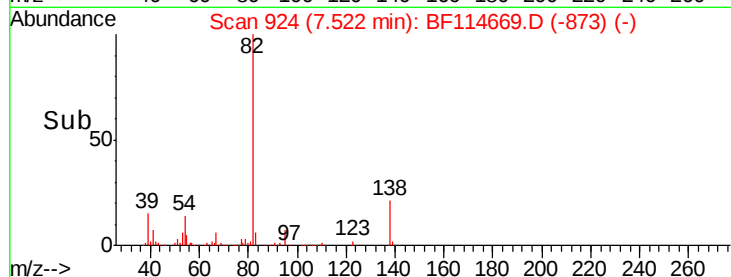
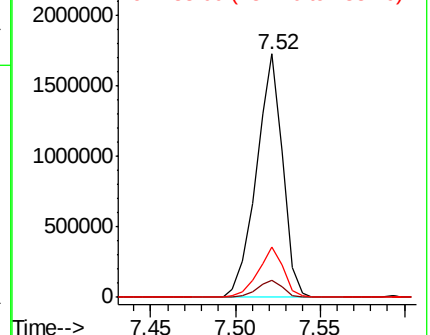
82 100

95 7.1 5.6 8.4

138 20.5 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: 42.015 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

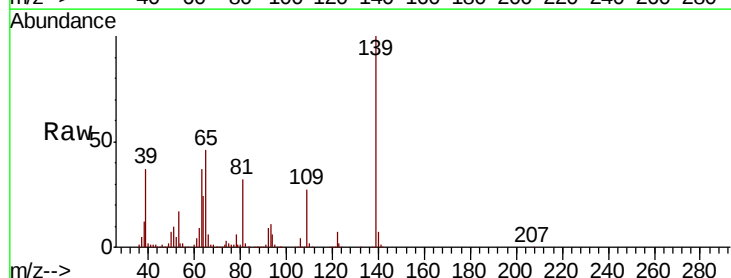
Tgt Ion: 139 Resp: 523938

Ion Ratio Lower Upper

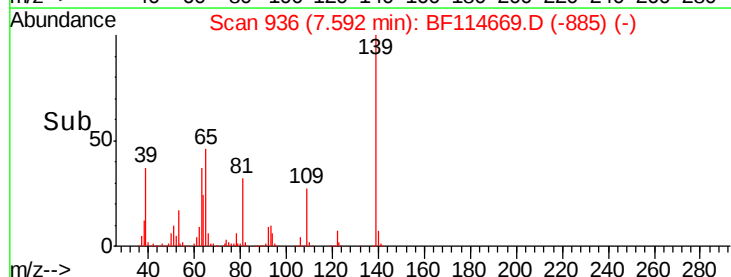
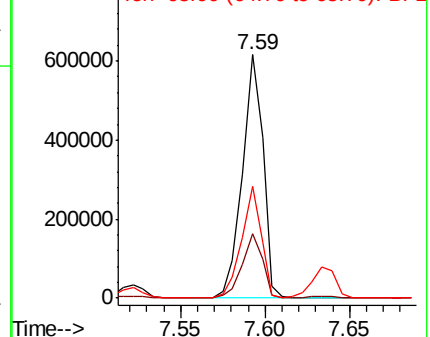
139 100

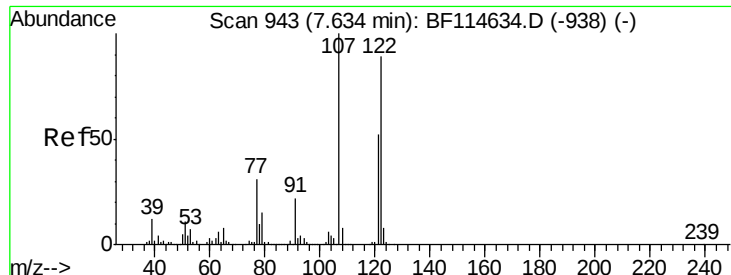
109 26.5 21.7 32.5

65 46.0 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: 40.774 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

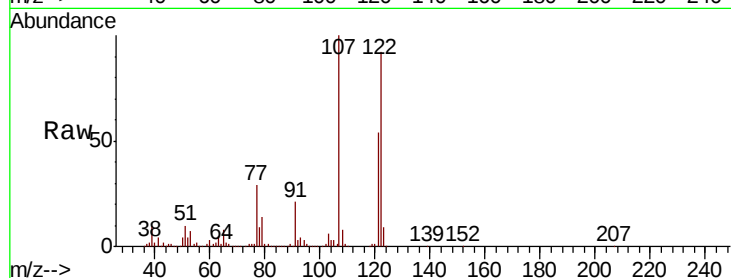
Tot Ion:122 Resp: 845626

Ion Ratio Lower Upper

122 100

107 108.8 89.3 133.9

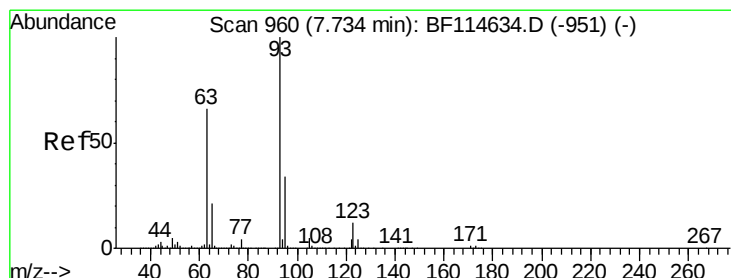
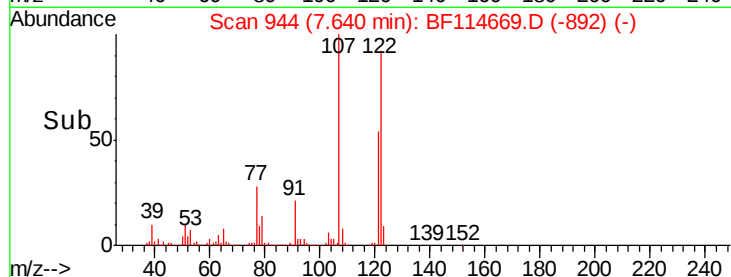
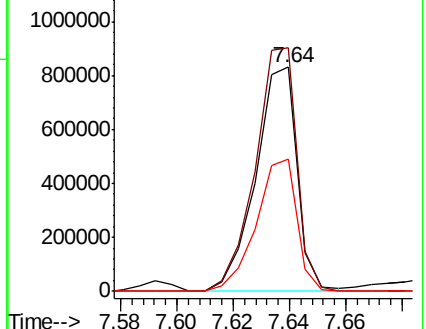
121 59.2 46.8 70.2



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: 39.841 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

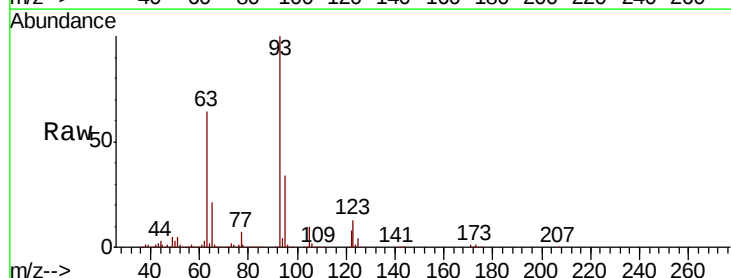
Tgt Ion: 93 Resp: 1227490

Ion Ratio Lower Upper

93 100

95 33.9 27.0 40.4

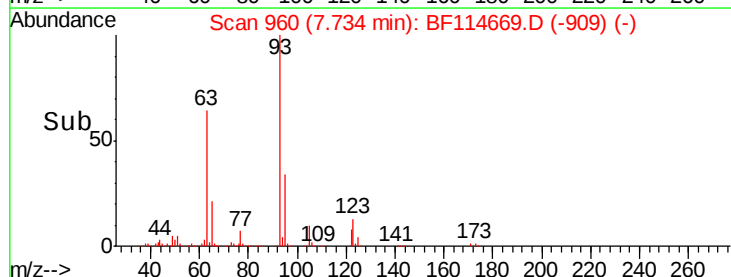
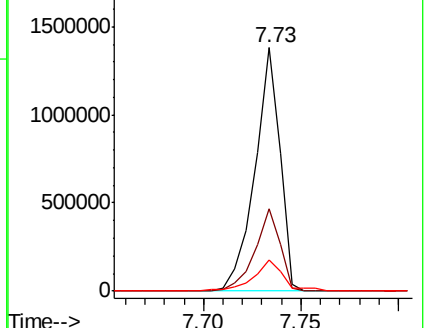
123 12.8 10.2 15.2

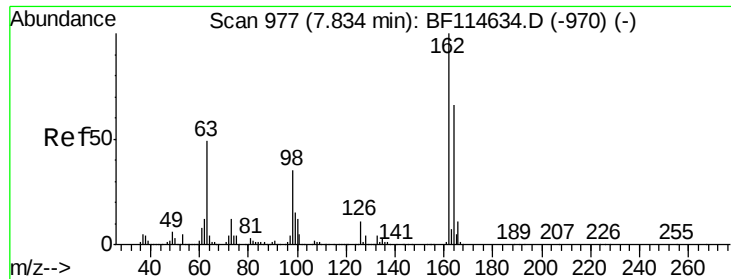


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

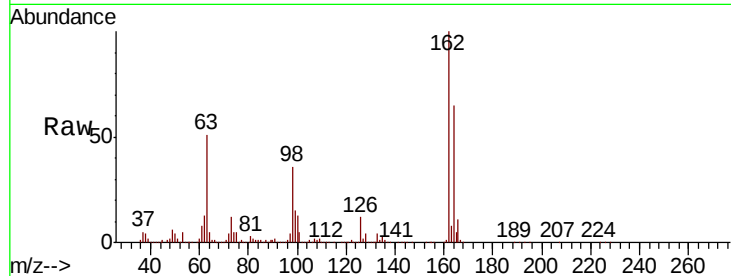




#29  
2,4-Dichlorophenol  
Concen: 41.159 ng  
RT: 7.83 min Scan# 977  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.4  | 45.8  | 85.8  |
| 98      | 36.3  | 14.9  | 54.9  |

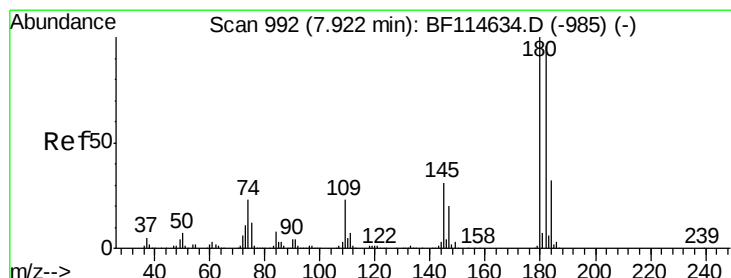
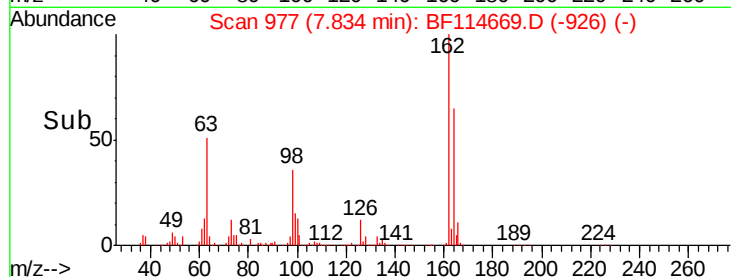
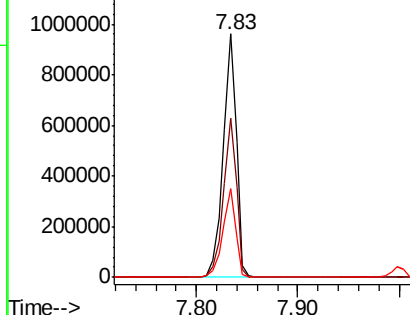


Abundance

Ion 162.00 (161.70 to 162.70): E

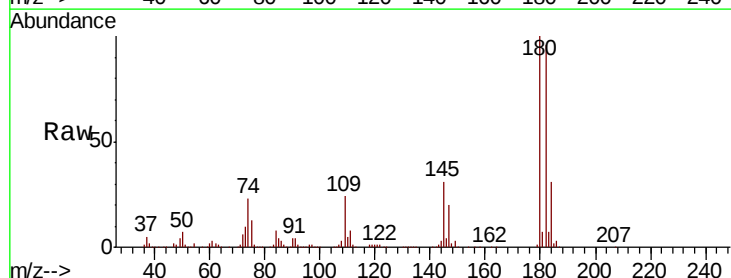
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 41.906 ng  
RT: 7.92 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 76.9  | 115.3 |
| 145     | 31.2  | 24.5  | 36.7  |

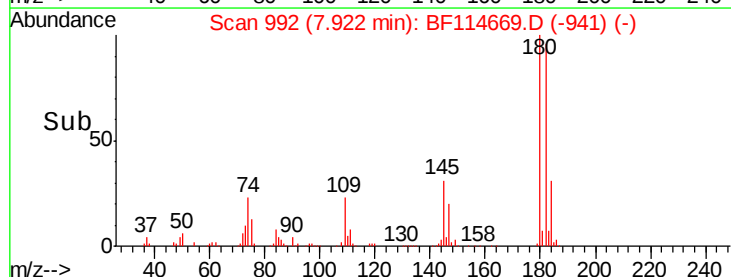
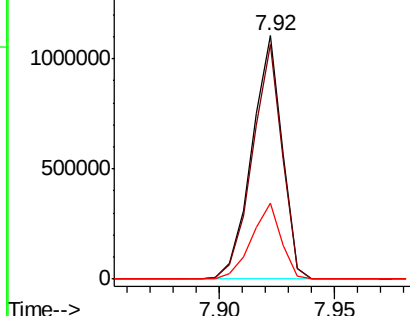


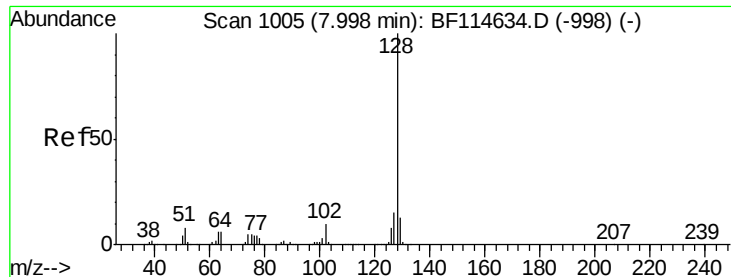
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

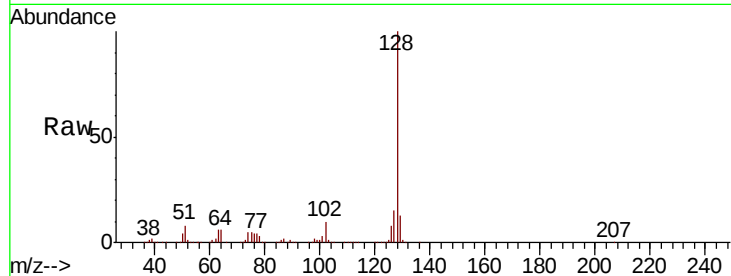




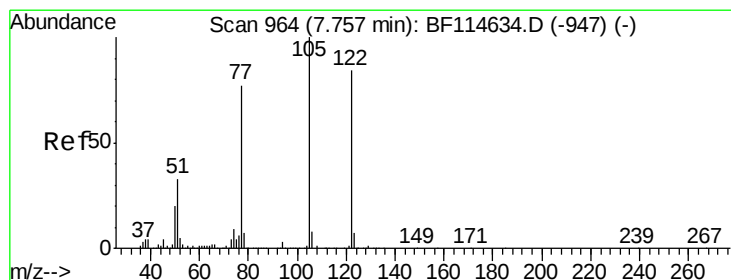
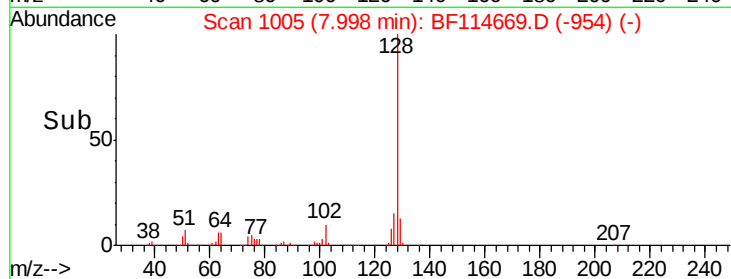
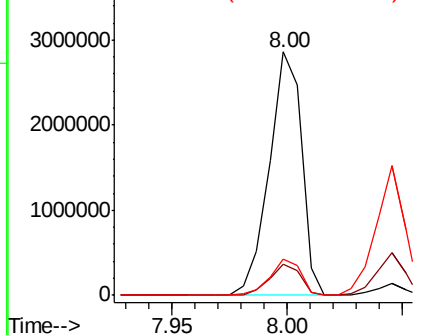
#31  
Naphthalene  
Concen: 40.067 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 2776848  
Ion Ratio Lower Upper  
128 100  
129 12.8 10.2 15.2  
127 15.0 11.9 17.9

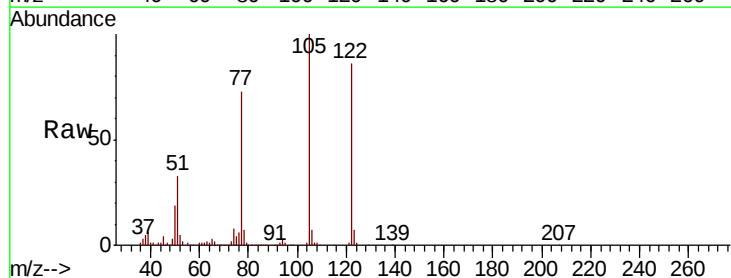


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

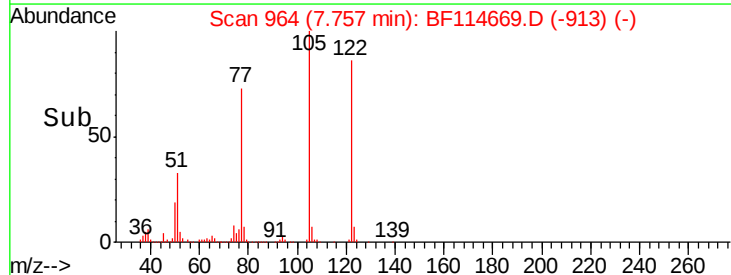
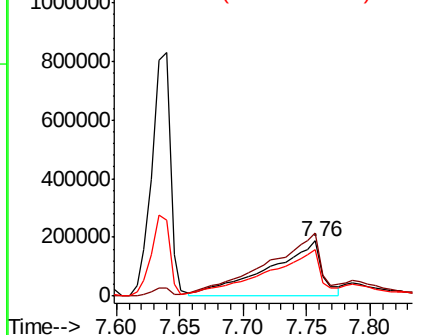


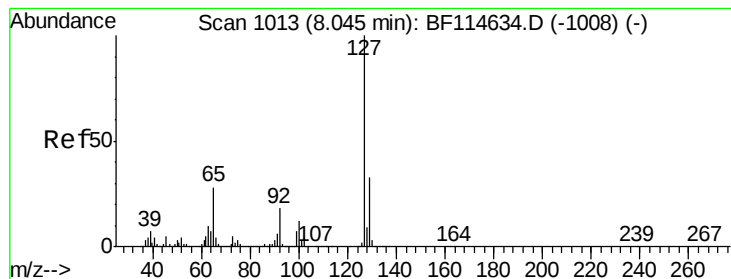
#32  
Benzoic acid  
Concen: 40.634 ng  
RT: 7.76 min Scan# 964  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Tgt Ion:122 Resp: 547361  
Ion Ratio Lower Upper  
122 100  
105 115.8 98.3 138.3  
77 84.7 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: 39.876 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 1316683

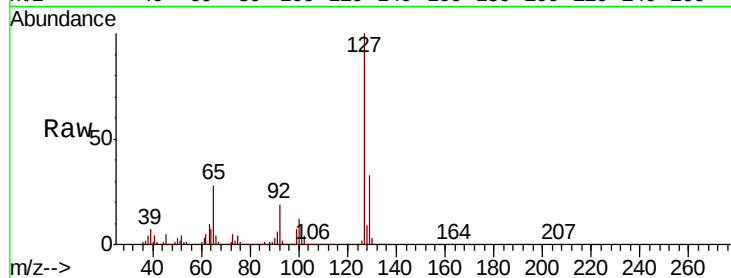
Ion Ratio Lower Upper

127 100

129 33.3 26.7 40.1

65 28.5 22.5 33.7

92 19.2 14.6 22.0

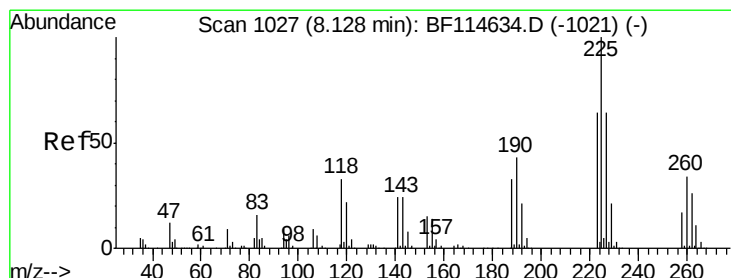
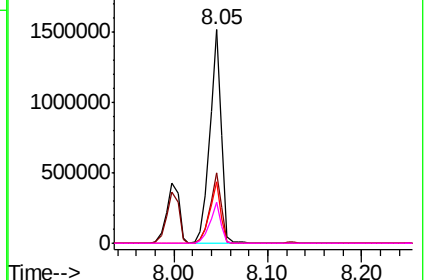
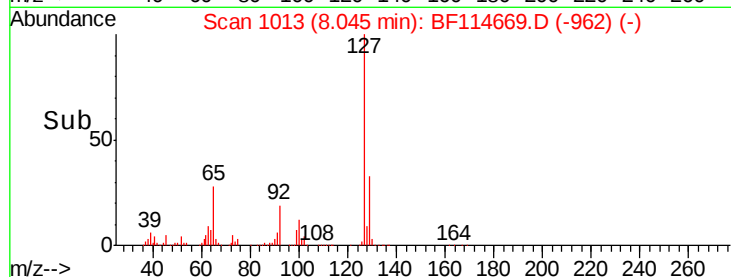


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.913 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

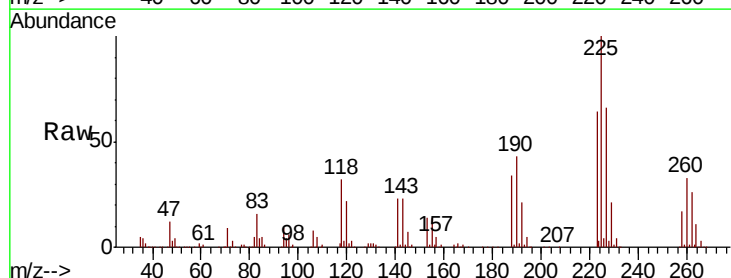
Tgt Ion:225 Resp: 559975

Ion Ratio Lower Upper

225 100

223 63.7 50.9 76.3

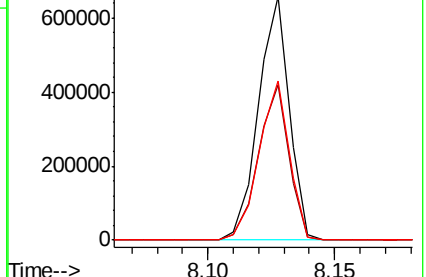
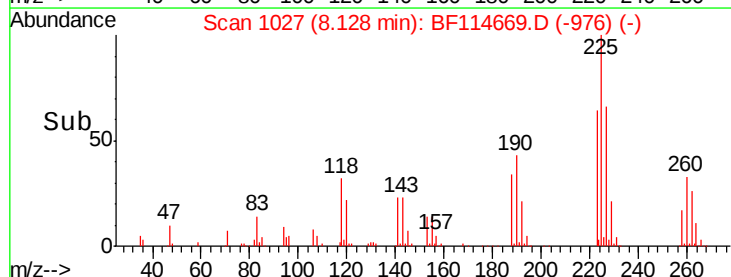
227 65.6 51.3 76.9

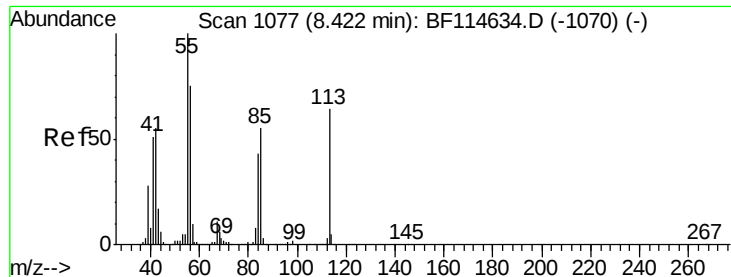


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

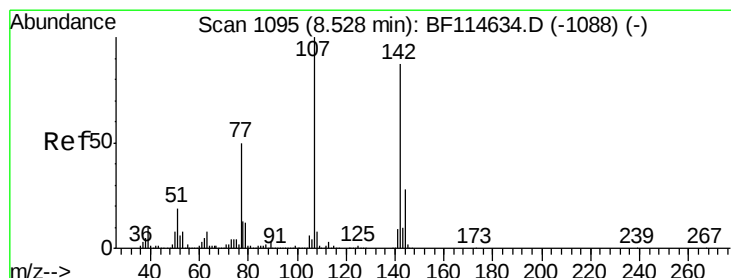
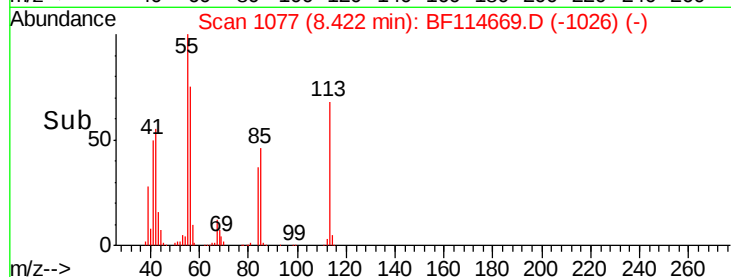
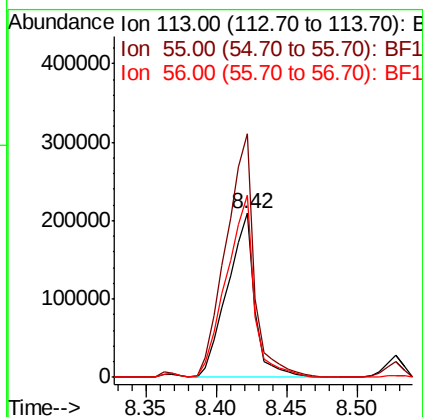
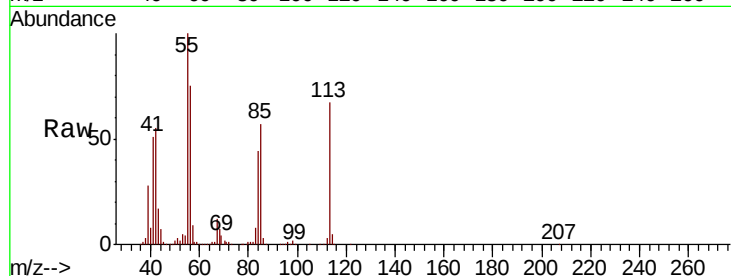




#35  
 Caprolactam  
 Concen: 39.943 ng  
 RT: 8.42 min Scan# 1077  
 Delta R.T. 0.00 min  
 Lab File: BF114669.D  
 Acq: 30 May 2019 19:24

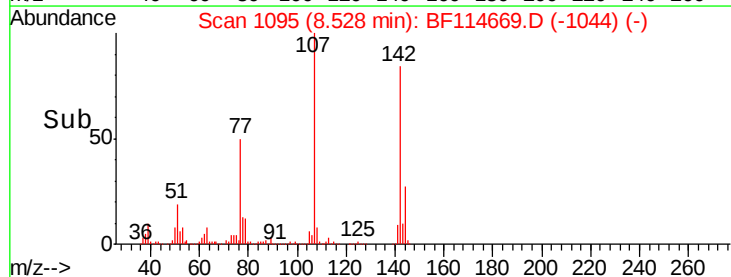
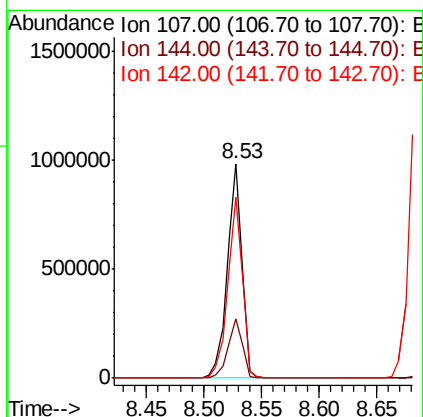
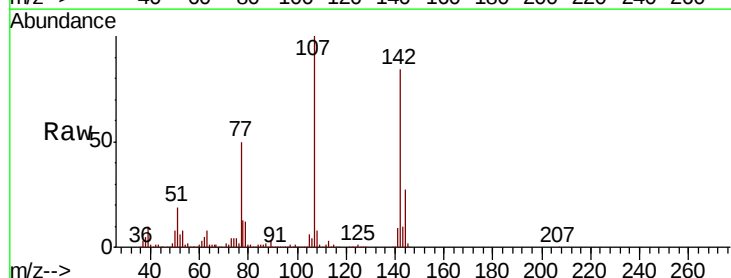
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

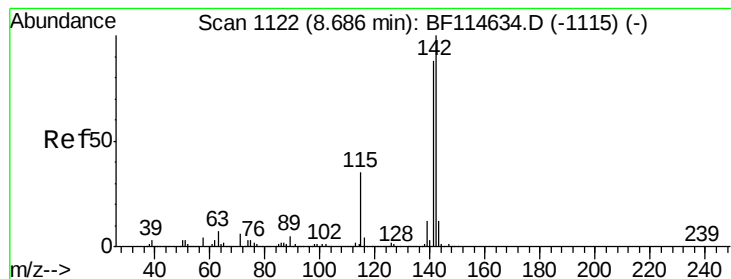
Tot Ion:113 Resp: 284548  
 Ion Ratio Lower Upper  
 113 100  
 55 148.3 136.4 176.4  
 56 111.3 97.0 137.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.634 ng  
 RT: 8.53 min Scan# 1095  
 Delta R.T. 0.00 min  
 Lab File: BF114669.D  
 Acq: 30 May 2019 19:24

Tgt Ion:107 Resp: 860212  
 Ion Ratio Lower Upper  
 107 100  
 144 27.5 22.5 33.7  
 142 84.2 69.8 104.6





#37

2-Methylnaphthalene

Concen: 41.056 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

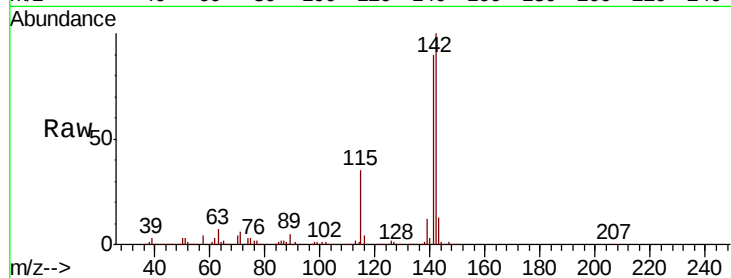
Tot Ion:142 Resp: 1890562

Ion Ratio Lower Upper

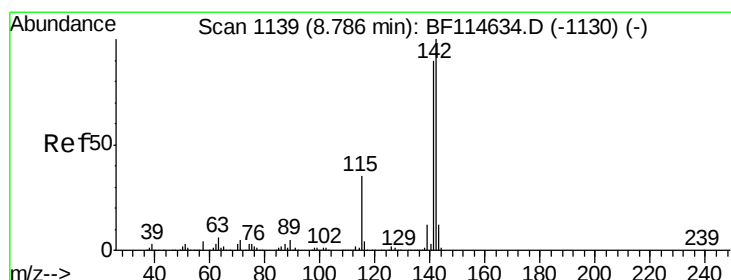
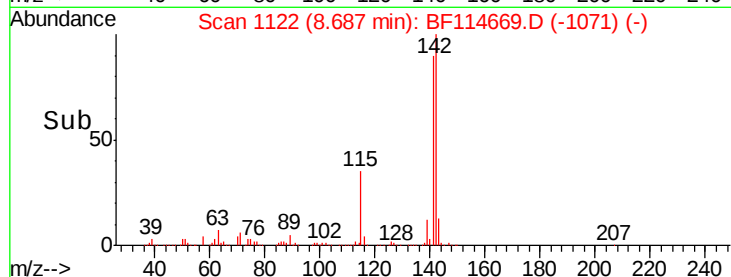
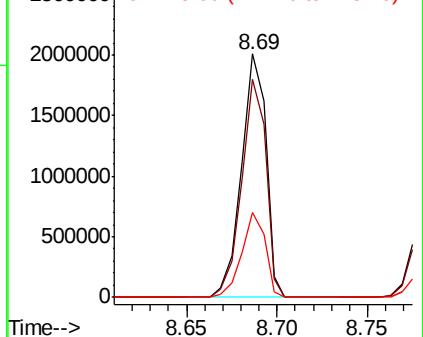
142 100

141 89.5 70.3 105.5

115 35.1 28.0 42.0



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



#38

1-Methylnaphthalene

Concen: 40.908 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

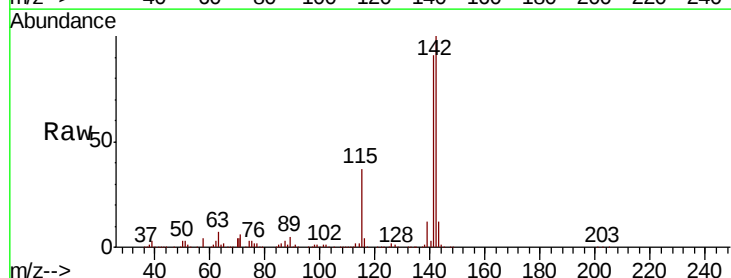
Tgt Ion:142 Resp: 1784787

Ion Ratio Lower Upper

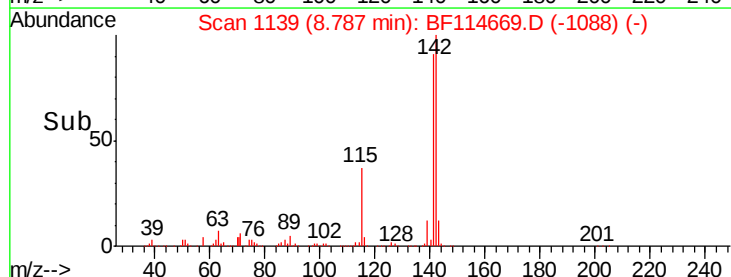
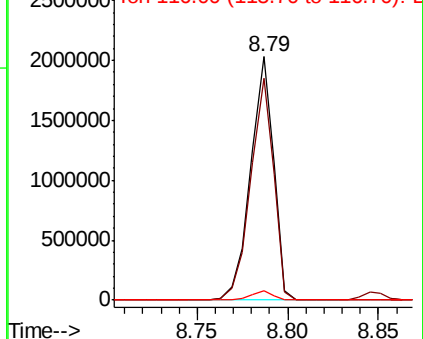
142 100

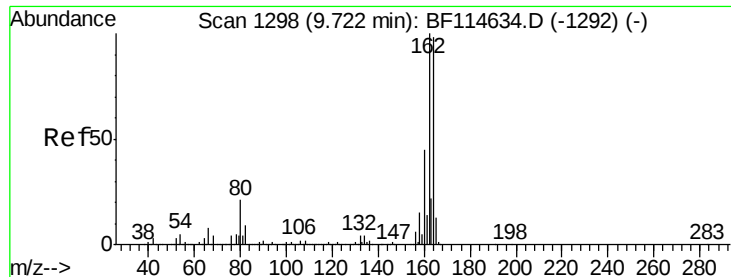
141 91.0 72.3 108.5

116 3.9 3.0 4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

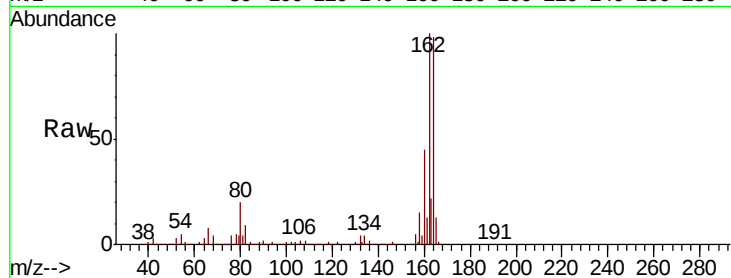
Tot Ion:164 Resp: 717201

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.2

160 45.8 36.6 54.8

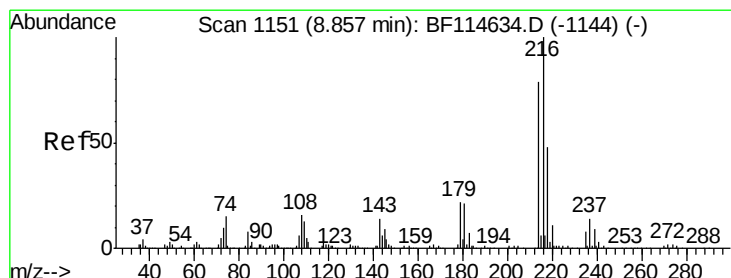
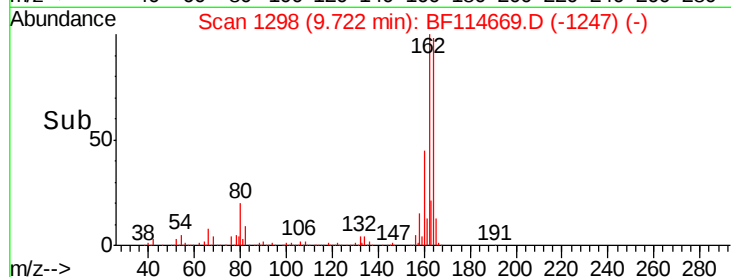
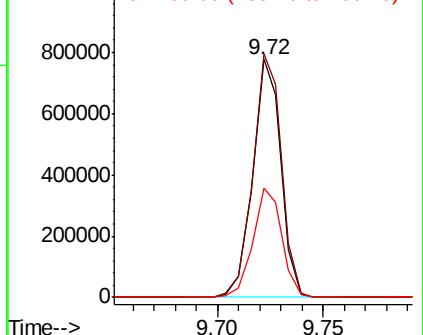


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.285 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Tgt Ion:216 Resp: 845816

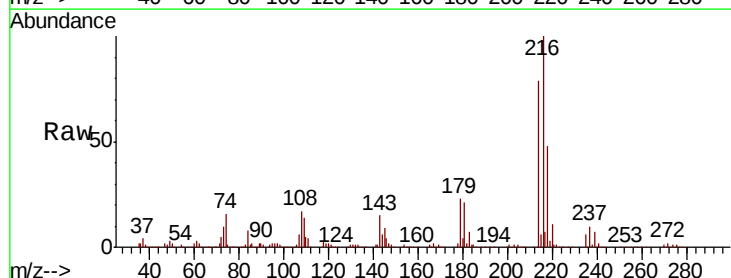
Ion Ratio Lower Upper

216 100

214 79.2 63.2 94.8

179 22.8 17.9 26.9

108 19.2 15.8 23.8



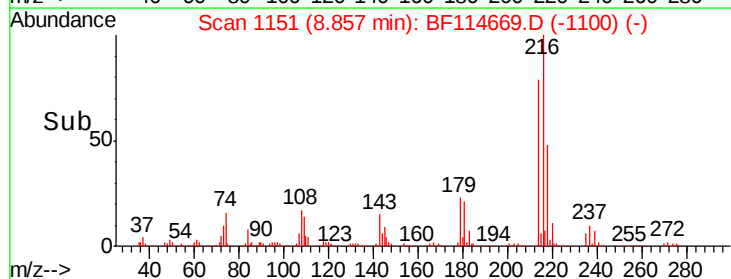
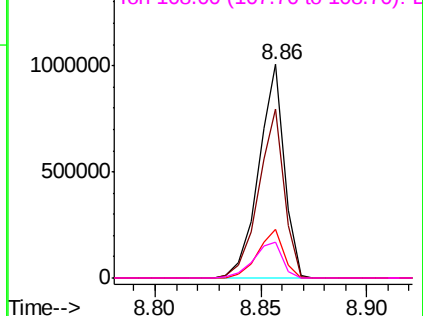
Abundance

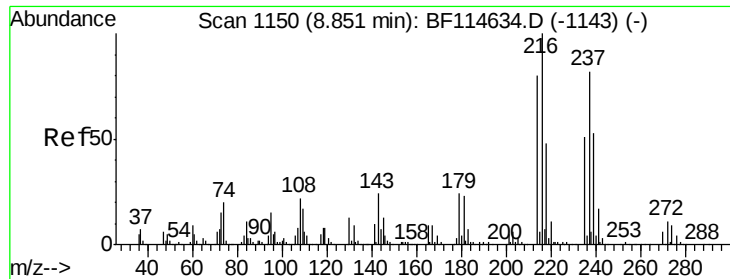
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.471 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

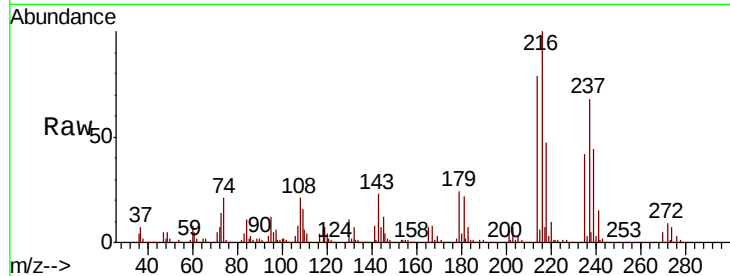
Tot Ion:237 Resp: 447688

Ion Ratio Lower Upper

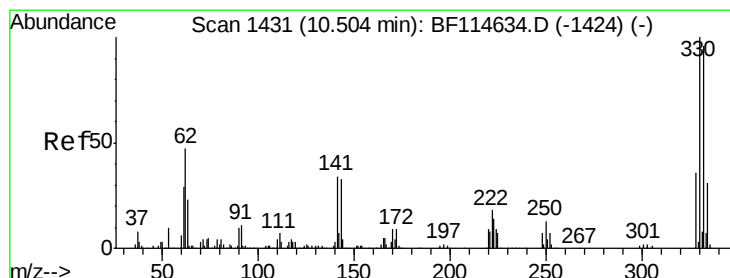
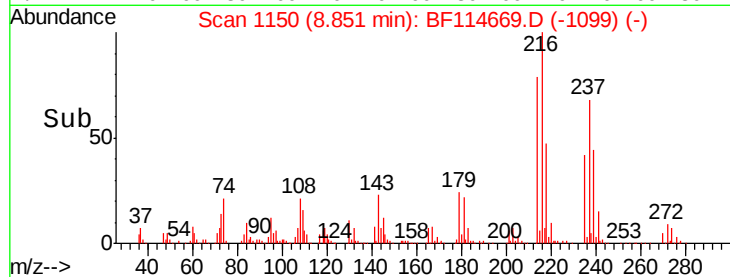
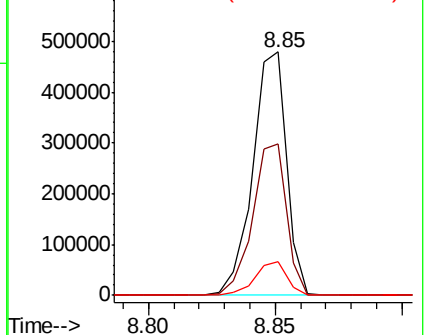
237 100

235 62.5 42.8 82.8

272 14.0 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: 83.125 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

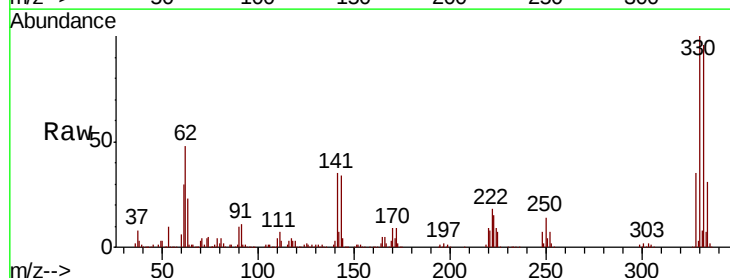
Tgt Ion:330 Resp: 568060

Ion Ratio Lower Upper

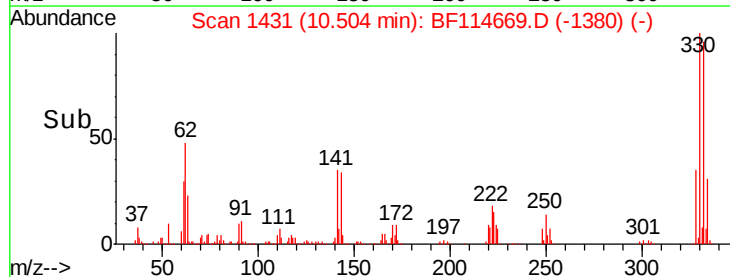
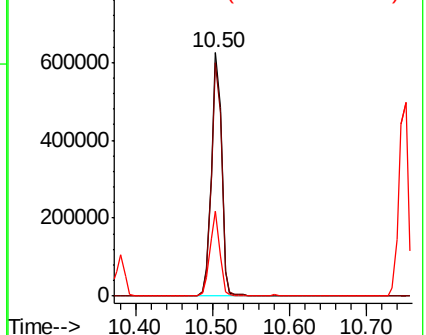
330 100

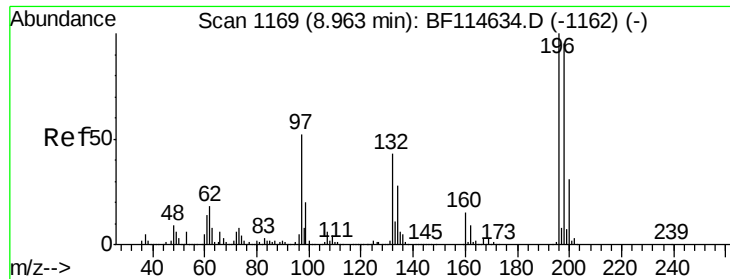
332 96.6 75.8 113.8

141 34.0 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

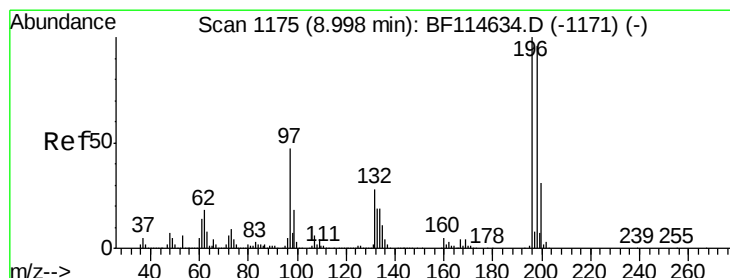
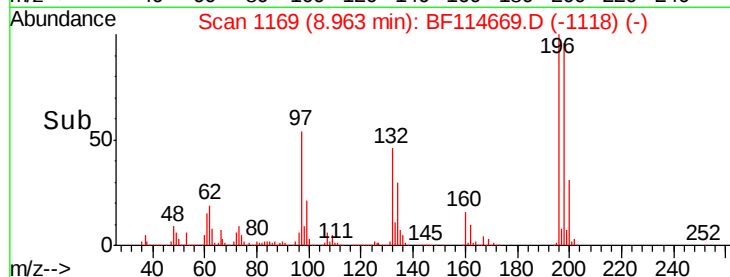
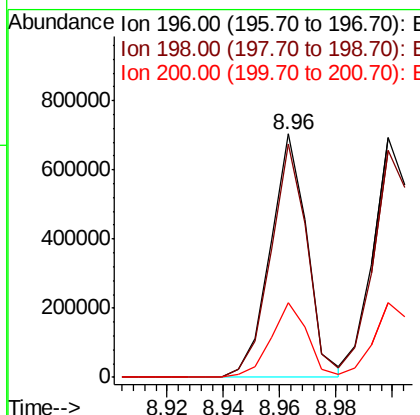
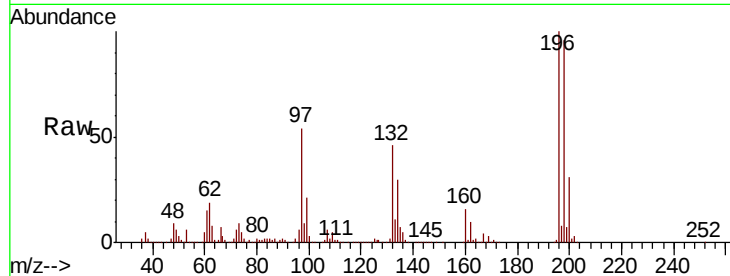




#43  
 2,4,6-Trichlorophenol  
 Concen: 42.156 ng  
 RT: 8.96 min Scan# 1169  
 Delta R.T. 0.00 min  
 Lab File: BF114669.D  
 Acq: 30 May 2019 19:24

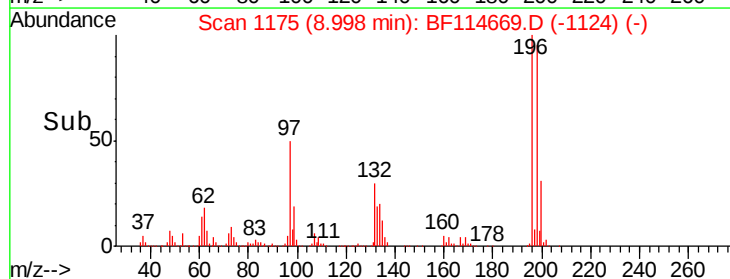
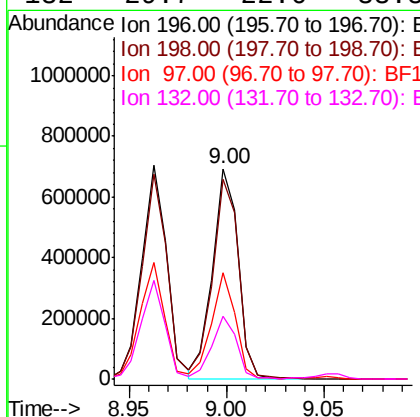
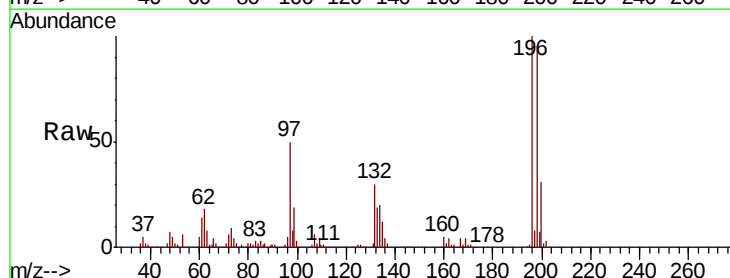
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

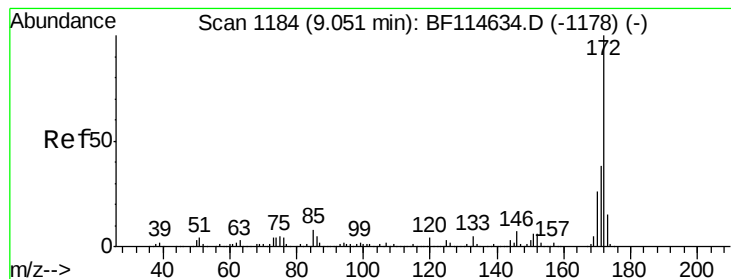
Tot Ion:196 Resp: 633526  
 Ion Ratio Lower Upper  
 196 100  
 198 95.9 76.1 114.1  
 200 30.7 24.7 37.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.242 ng  
 RT: 9.00 min Scan# 1175  
 Delta R.T. 0.00 min  
 Lab File: BF114669.D  
 Acq: 30 May 2019 19:24

Tgt Ion:196 Resp: 633492  
 Ion Ratio Lower Upper  
 196 100  
 198 94.8 76.8 115.2  
 97 50.3 37.8 56.8  
 132 29.7 22.6 33.8



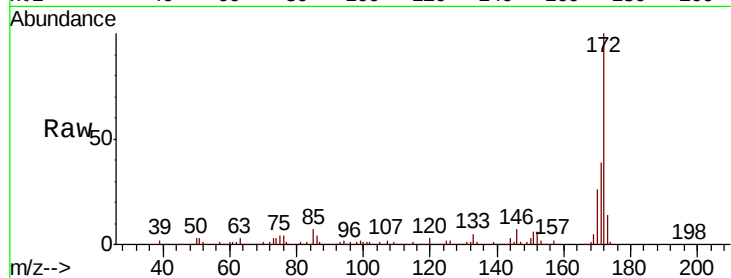


#45  
 2-Fluorobiphenyl  
 Concen: 87.399 ng  
 RT: 9.06 min Scan# 1185  
 Delta R.T. 0.01 min  
 Lab File: BF114669.D  
 Acq: 30 May 2019 19:24

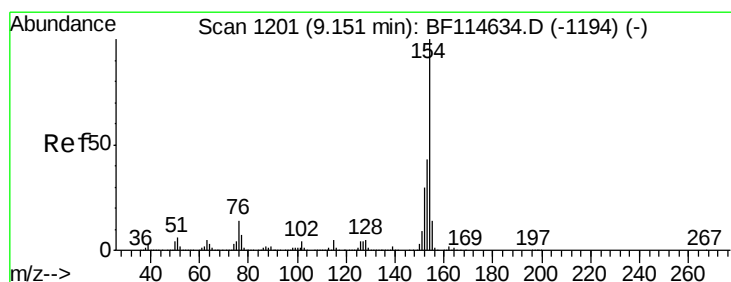
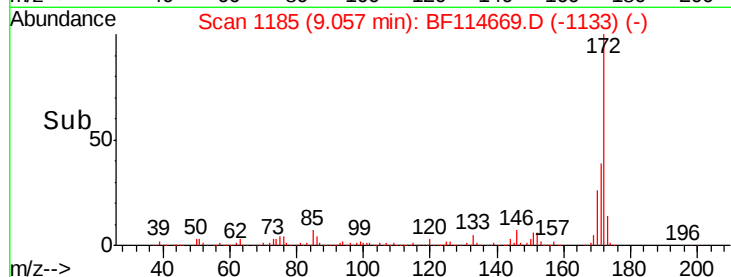
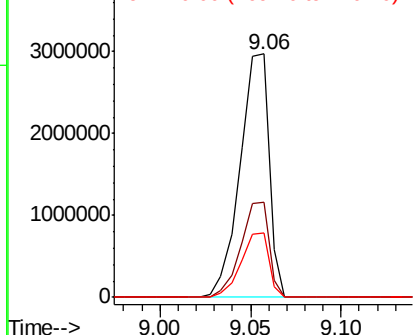
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:172 Resp: 3319624  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 38.9  | 30.6  | 45.8  |
| 170 | 26.3  | 20.7  | 31.1  |



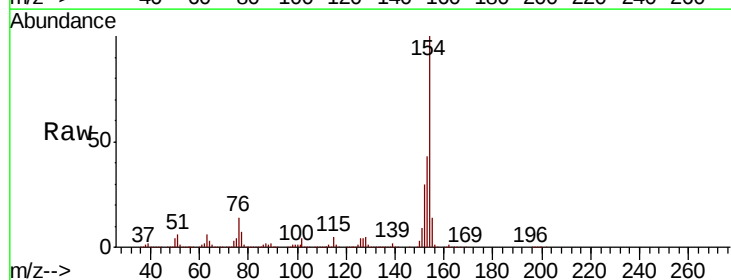
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



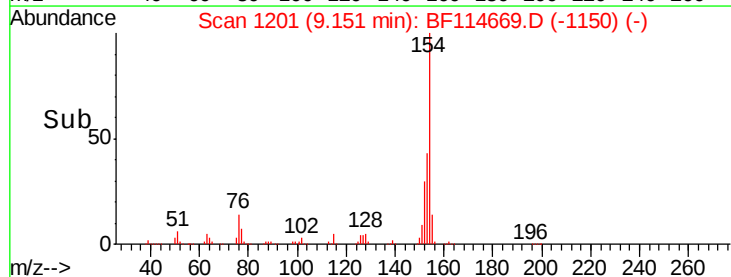
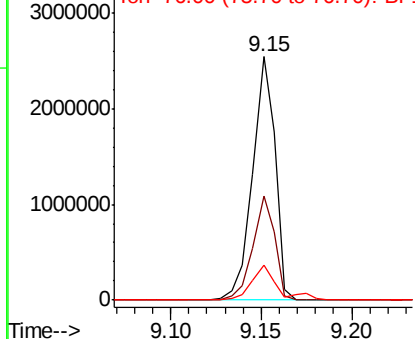
#46  
 1,1'-Biphenyl  
 Concen: 41.268 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. 0.00 min  
 Lab File: BF114669.D  
 Acq: 30 May 2019 19:24

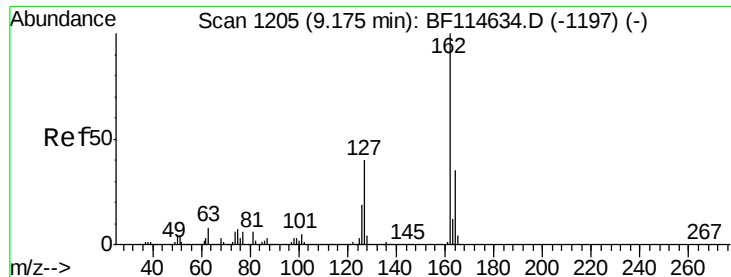
Tgt Ion:154 Resp: 2197020  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.8  | 23.0  | 63.0  |
| 76  | 14.3  | 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

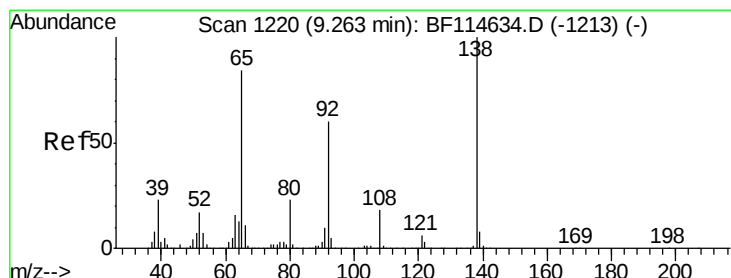
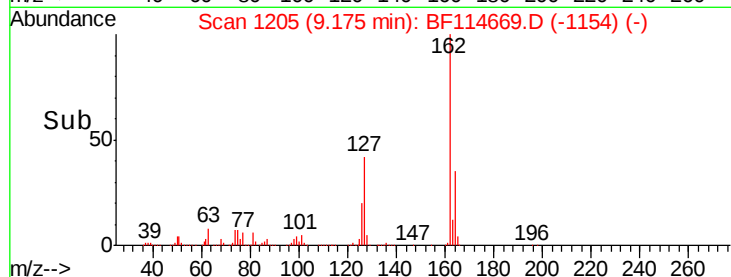
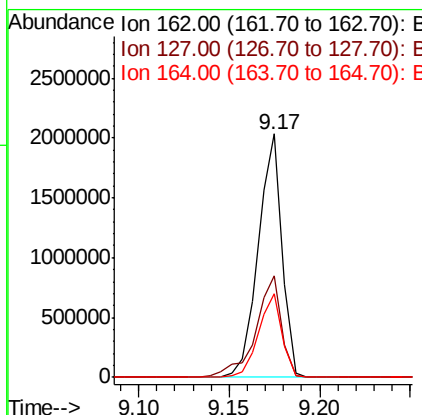
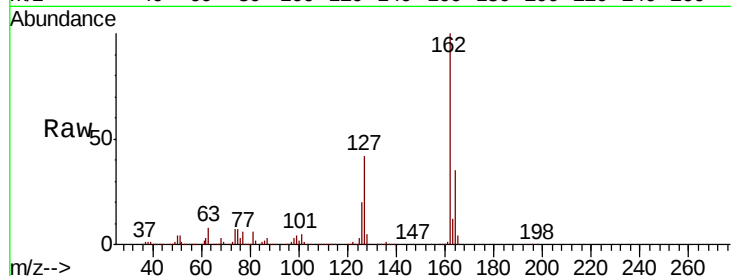




#47  
2-Chloronaphthalene  
Concen: 42.349 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

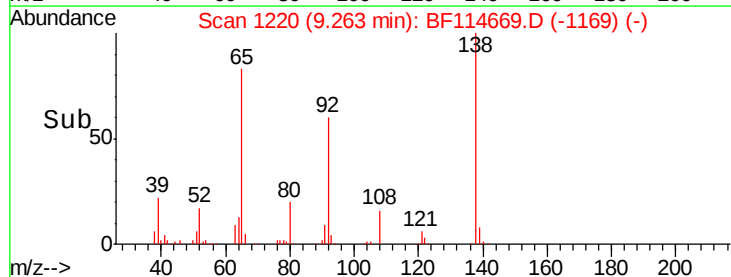
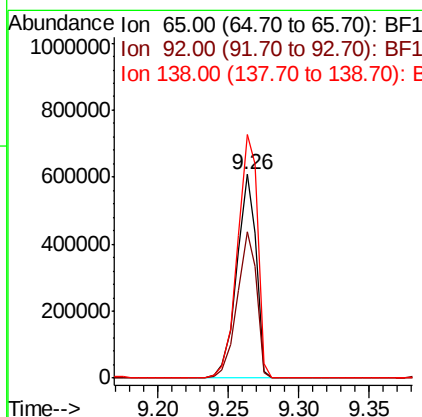
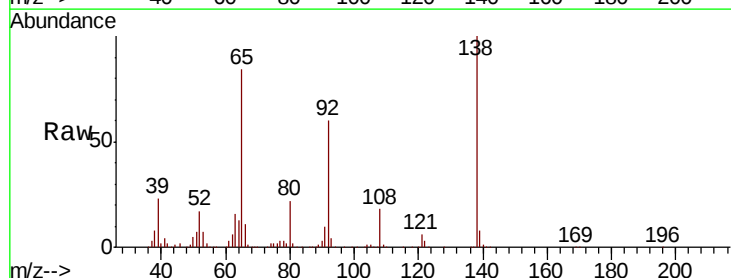
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

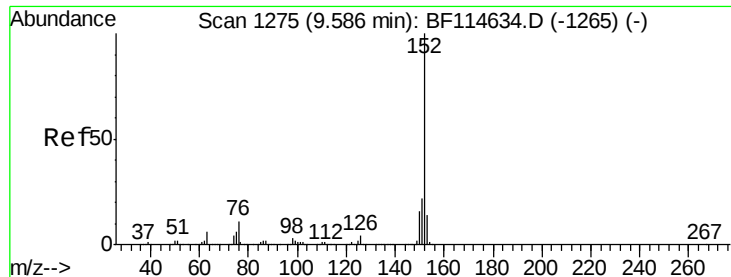
Tot Ion:162 Resp: 1849402  
Ion Ratio Lower Upper  
162 100  
127 41.9 32.2 48.2  
164 34.5 27.8 41.6



#48  
2-Nitroaniline  
Concen: 42.830 ng  
RT: 9.26 min Scan# 1220  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Tgt Ion: 65 Resp: 577210  
Ion Ratio Lower Upper  
65 100  
92 71.7 57.1 85.7  
138 119.4 95.8 143.6





#49

Acenaphthylene

Concen: 39.882 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

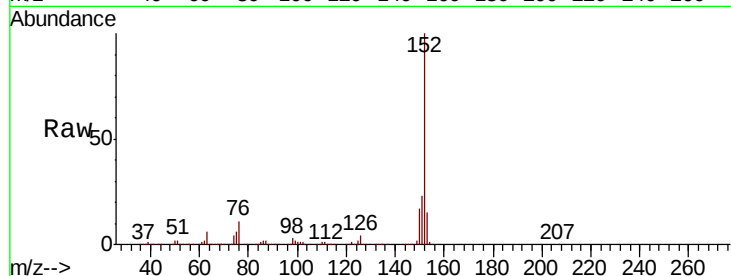
BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2690691

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

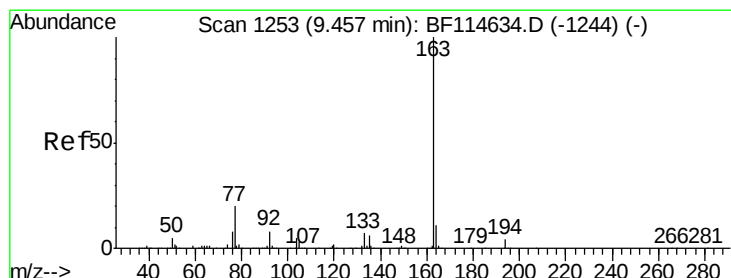
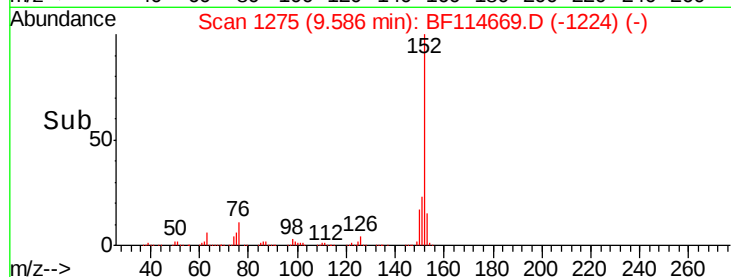
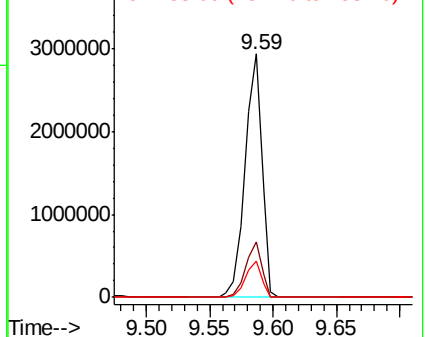


Abundance

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: 41.810 ng

RT: 9.46 min Scan# 1253

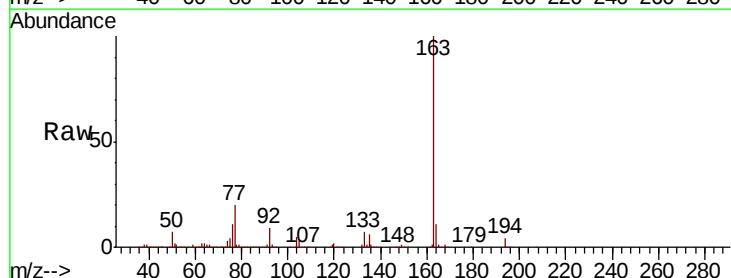
Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Tgt Ion:163 Resp: 2089465

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.3   | 3.4   | 5.0   |
| 164 | 10.8  | 8.6   | 13.0  |

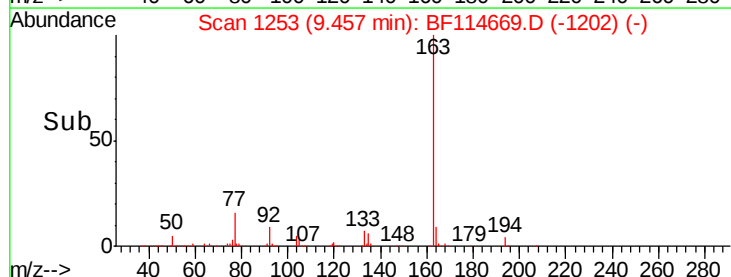
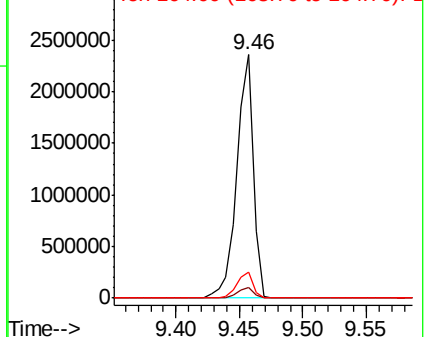


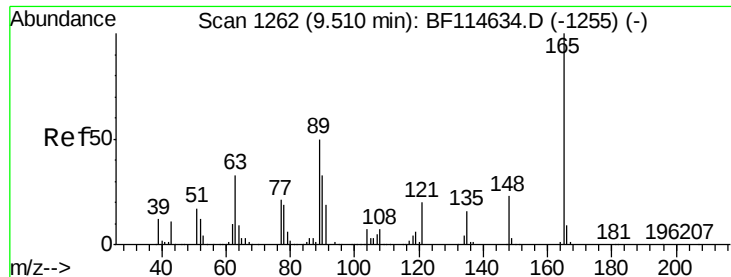
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.081 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

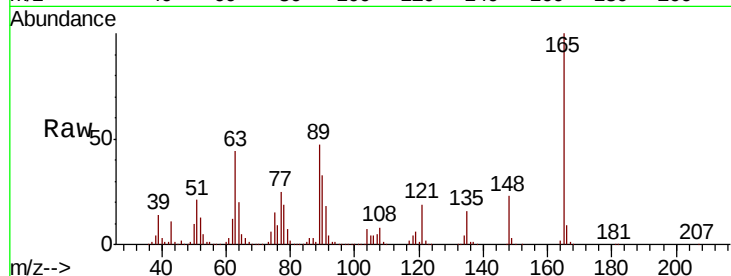
Tot Ion:165 Resp: 477051

Ion Ratio Lower Upper

165 100

63 44.5 36.6 54.8

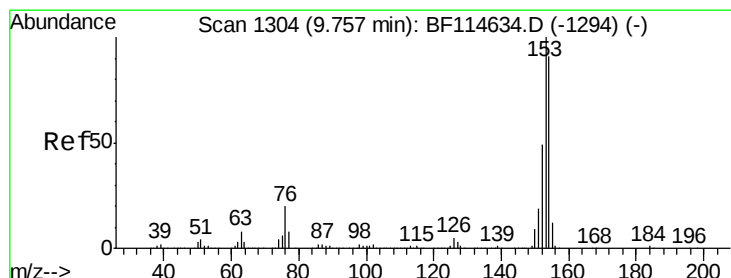
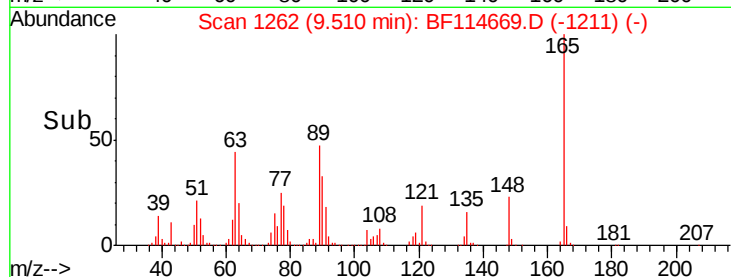
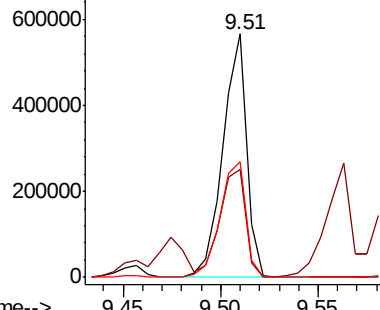
89 47.4 40.2 60.4



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: 41.891 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

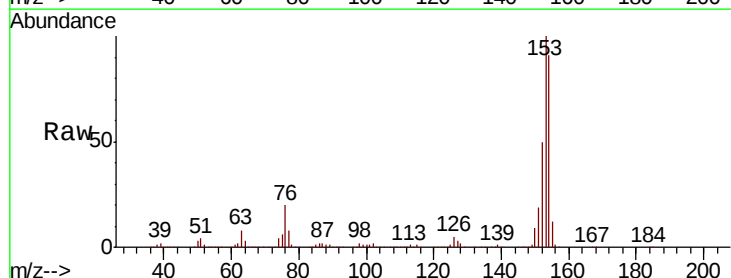
Tgt Ion:154 Resp: 1733258

Ion Ratio Lower Upper

154 100

153 110.1 88.4 132.6

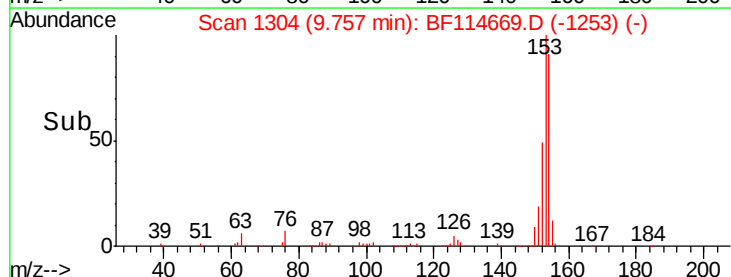
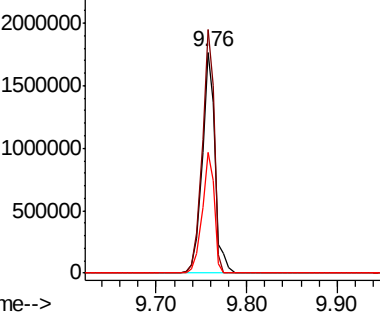
152 54.5 43.4 65.0

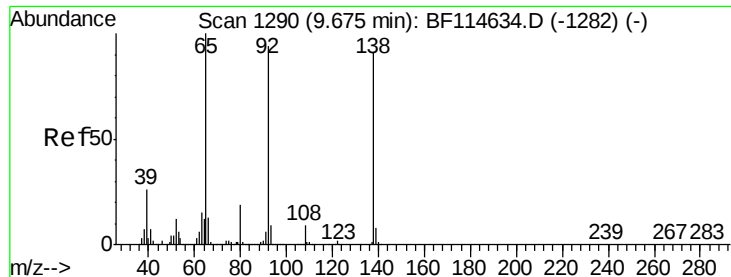


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

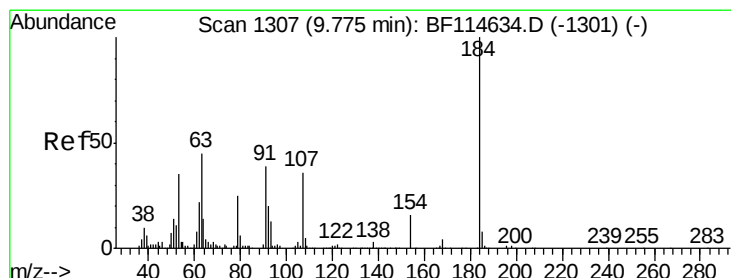
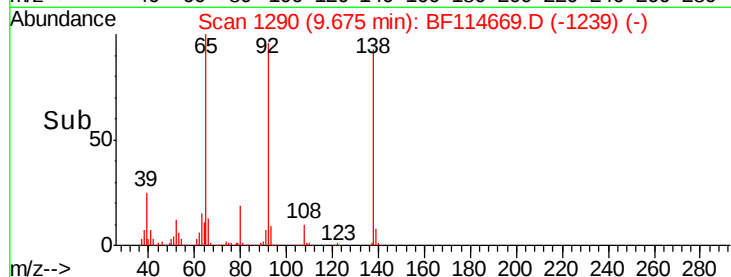
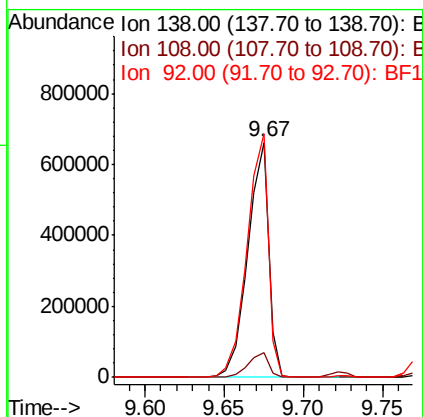
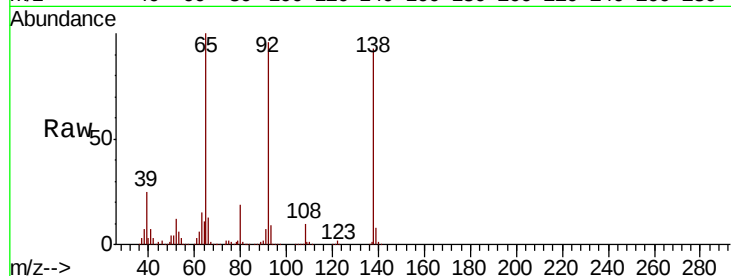




#53  
3-Nitroaniline  
Concen: 42.506 ng  
RT: 9.67 min Scan# 1290  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

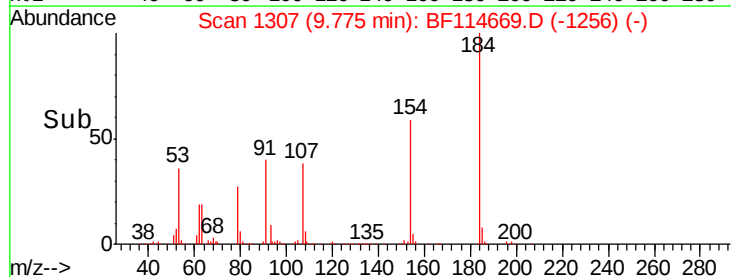
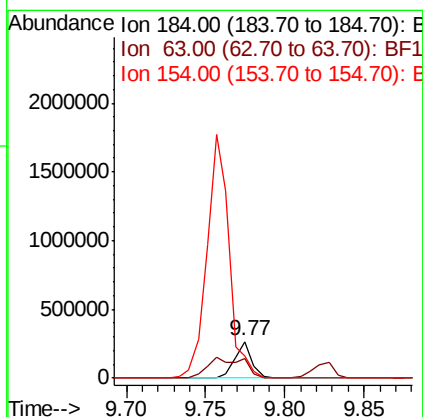
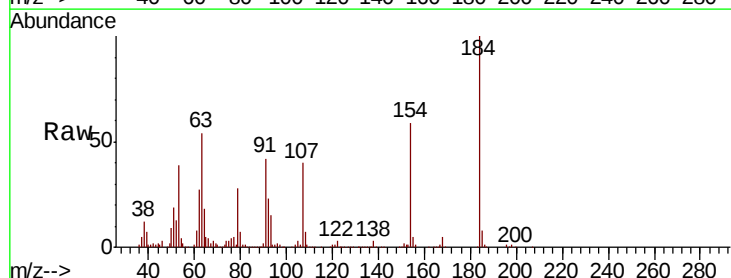
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

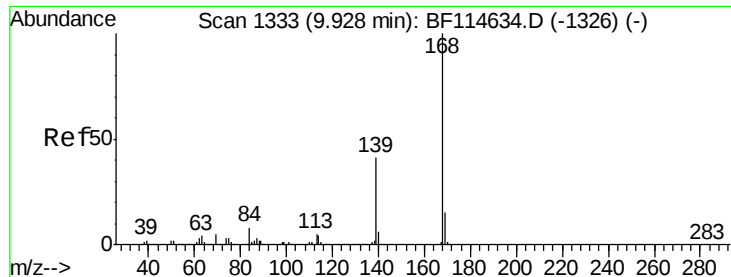
Tot Ion:138 Resp: 604109  
Ion Ratio Lower Upper  
138 100  
108 10.7 8.3 12.5  
92 103.5 83.1 124.7



#54  
2,4-Dinitrophenol  
Concen: 43.107 ng  
RT: 9.77 min Scan# 1307  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Tgt Ion:184 Resp: 197452  
Ion Ratio Lower Upper  
184 100  
63 54.1 38.8 58.2  
154 59.2 43.7 65.5

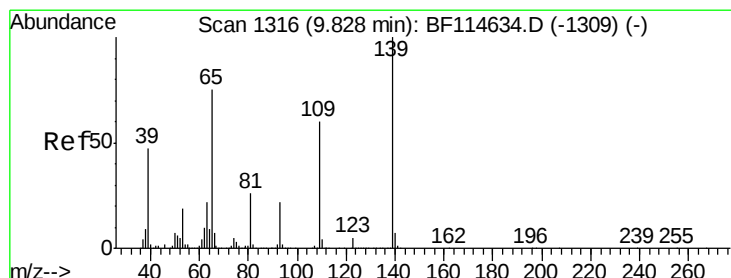
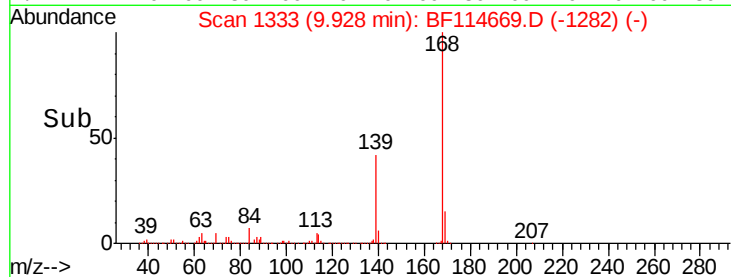
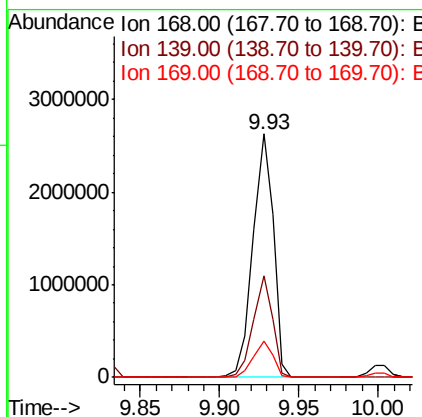
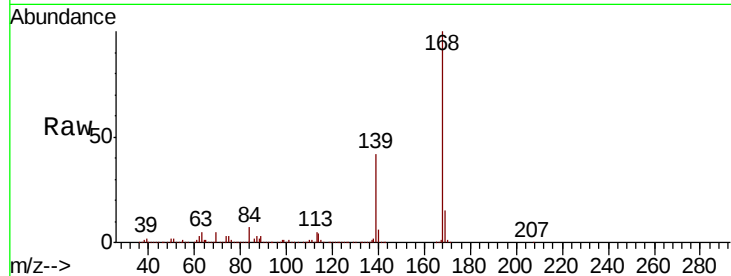




#55  
Dibenzofuran  
Concen: 39.977 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

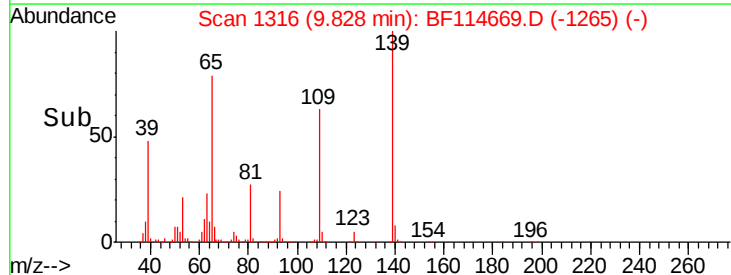
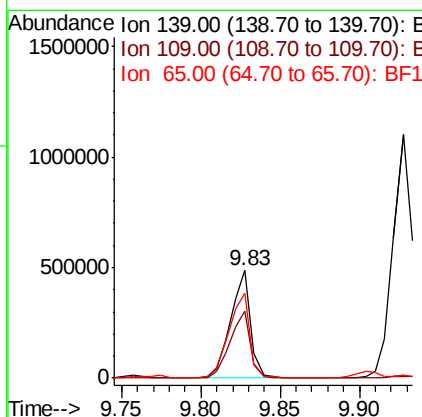
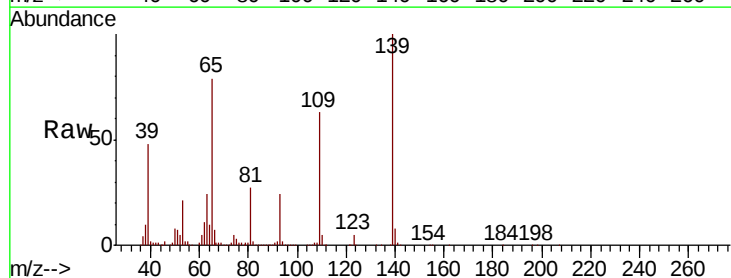
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

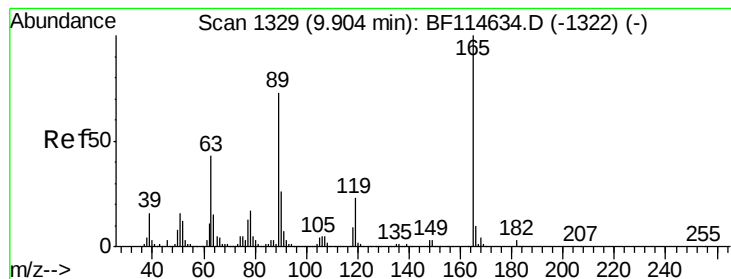
Tot Ion:168 Resp: 2354488  
Ion Ratio Lower Upper  
168 100  
139 41.9 32.6 48.8  
169 15.1 11.8 17.8



#56  
4-Nitrophenol  
Concen: 40.652 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Tgt Ion:139 Resp: 428157  
Ion Ratio Lower Upper  
139 100  
109 62.9 40.4 80.4  
65 79.5 54.7 94.7





#57

2,4-Dinitrotoluene

Concen: 41.863 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 623899

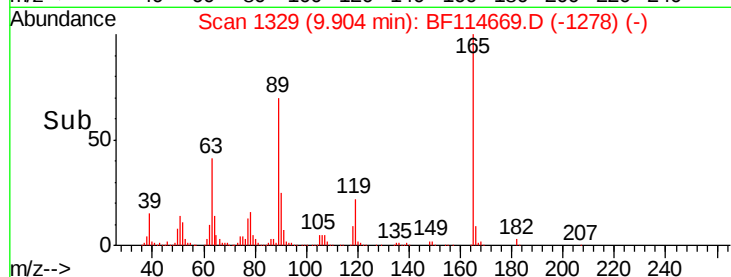
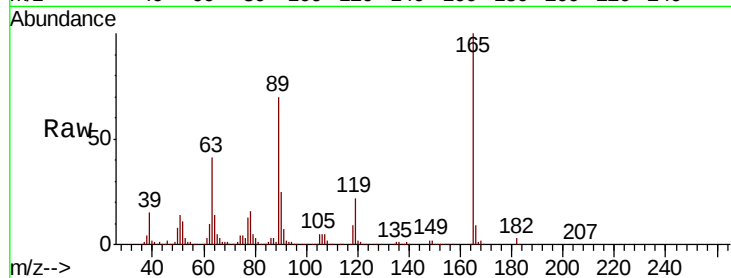
Ion Ratio Lower Upper

165 100

63 41.4 34.8 52.2

89 70.2 58.5 87.7

182 2.6 2.2 3.2

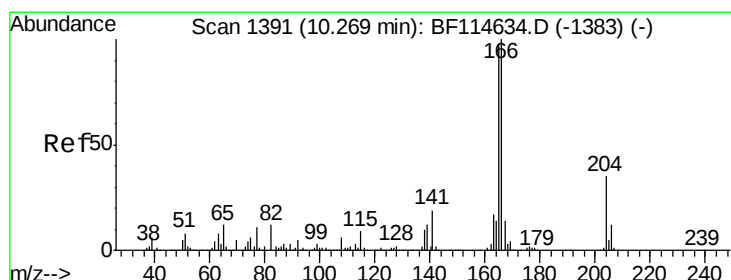
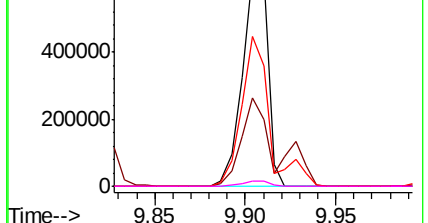


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.951 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

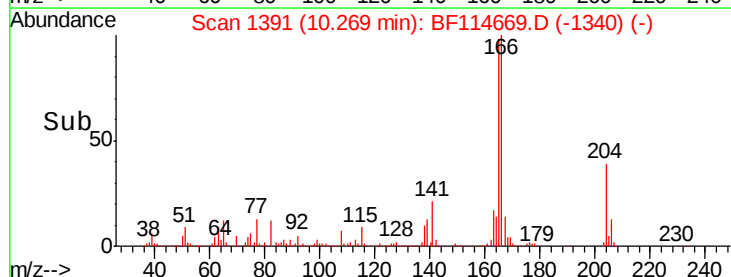
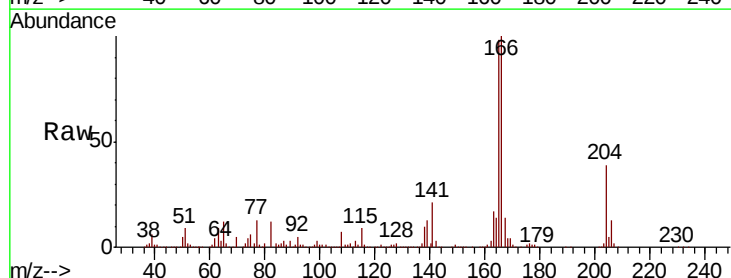
Tgt Ion:166 Resp: 1634301

Ion Ratio Lower Upper

166 100

165 97.5 77.6 116.4

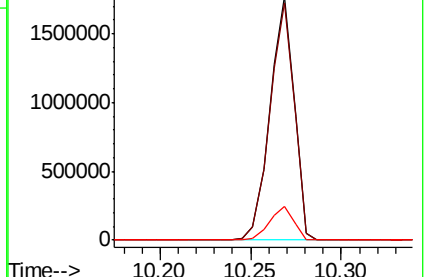
167 14.1 11.2 16.8

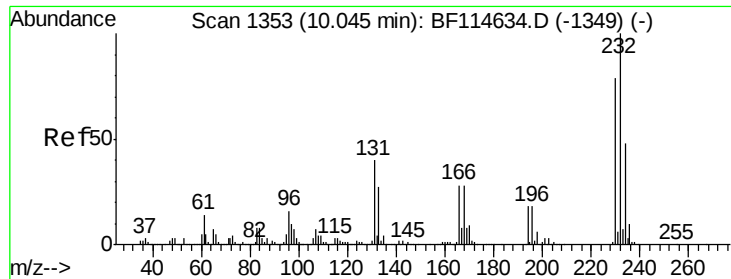


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

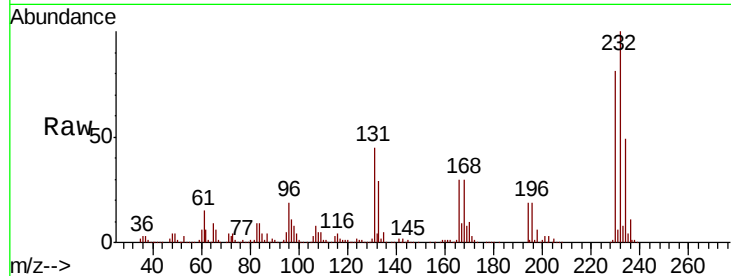




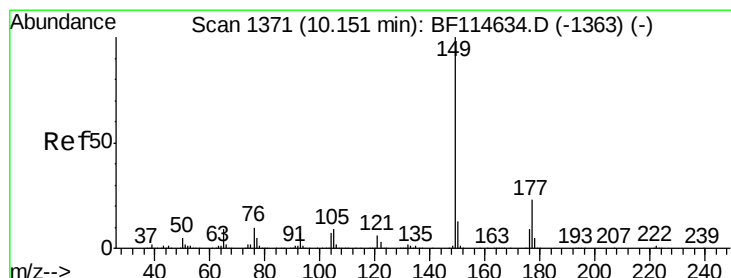
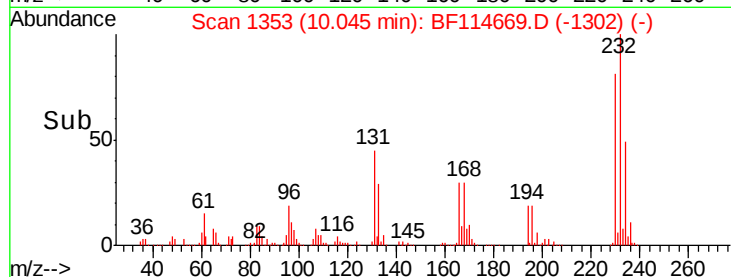
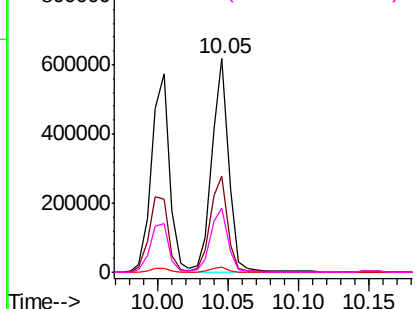
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.459 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 508914 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 46.7  | 37.2  | 55.8   |
| 130      | 2.3   | 1.8   | 2.8    |
| 166      | 30.9  | 24.8  | 37.2   |

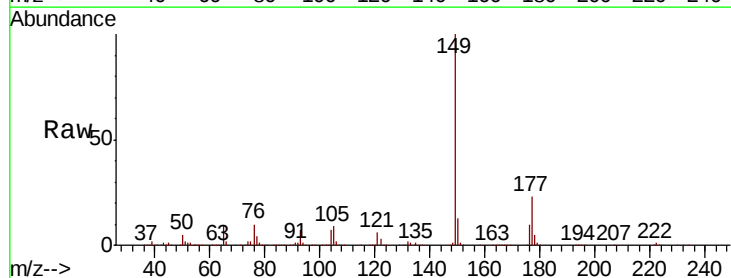


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

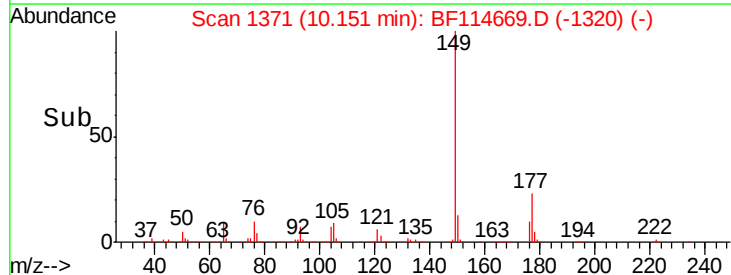
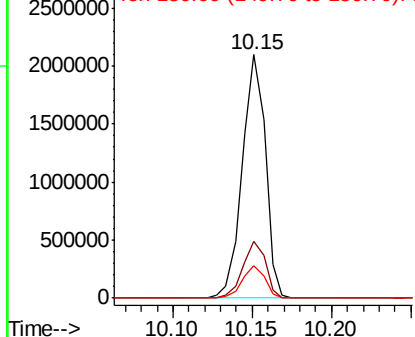


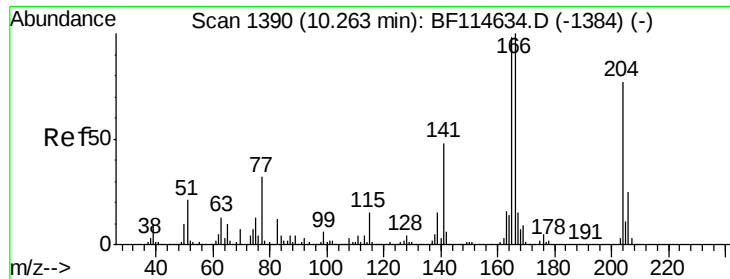
#60  
Diethylphthalate  
Concen: 41.334 ng  
RT: 10.15 min Scan# 1371  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 2109798 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 23.4  | 18.6  | 28.0    |
| 150      | 13.4  | 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

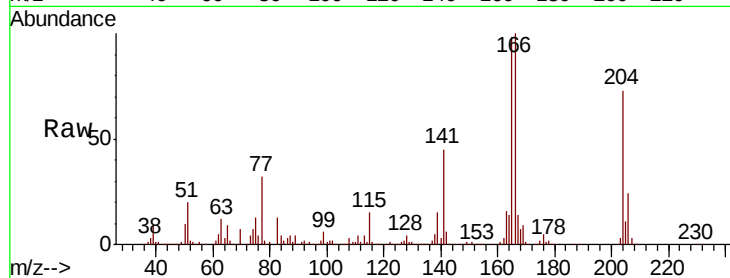




#61  
4-Chlorophenyl-phenylether  
Concen: 42.636 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.1  | 26.4  | 39.6  |
| 141     | 61.7  | 50.0  | 75.0  |

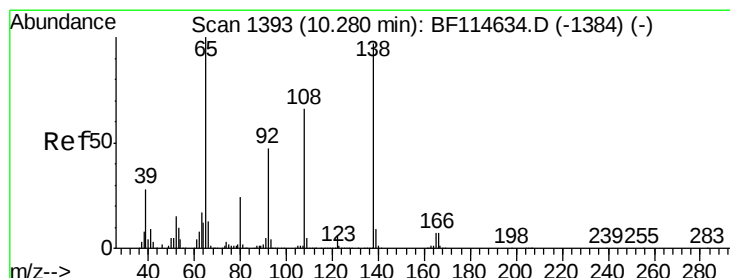
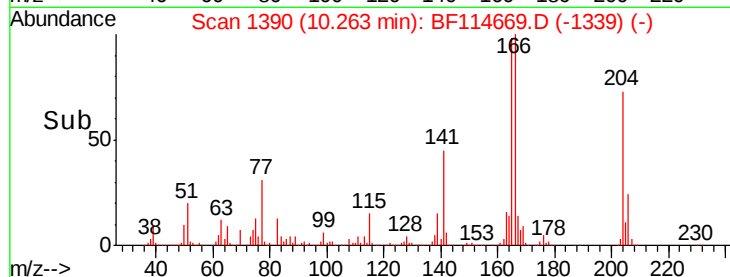
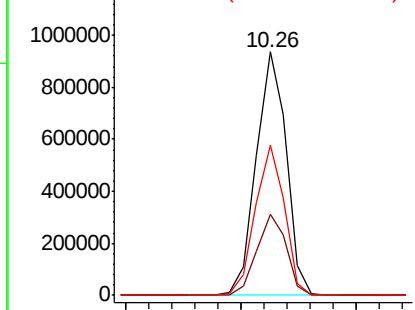


Abundance

Ion 204.00 (203.70 to 204.70): E

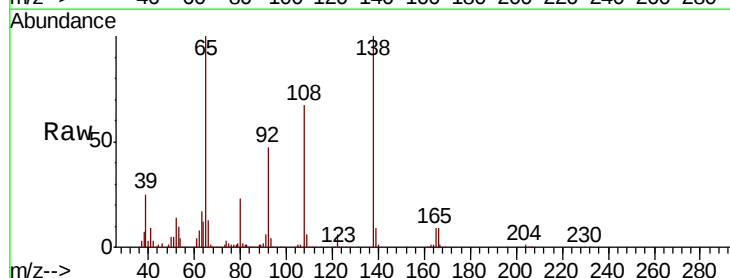
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 42.222 ng  
RT: 10.28 min Scan# 1393  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.0  | 28.0  | 68.0  |
| 108     | 66.7  | 48.4  | 88.4  |

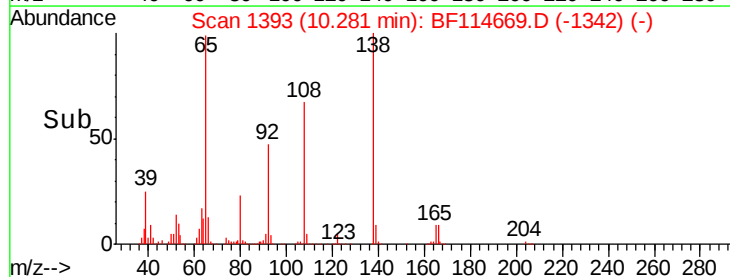
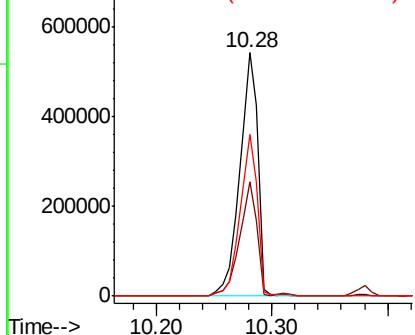


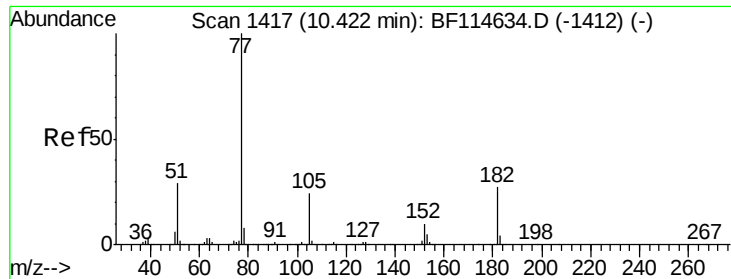
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.394 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1846122

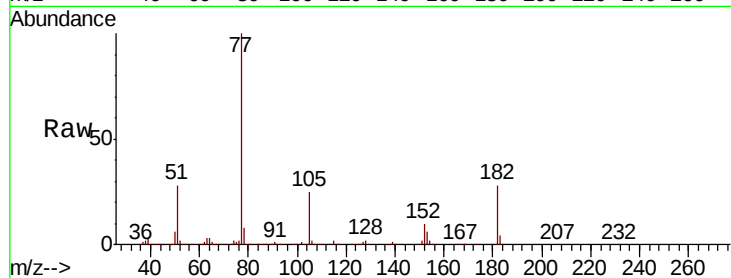
Ion Ratio Lower Upper

77 100

182 28.2 7.0 47.0

105 24.6 3.7 43.7

51 28.4 9.1 49.1

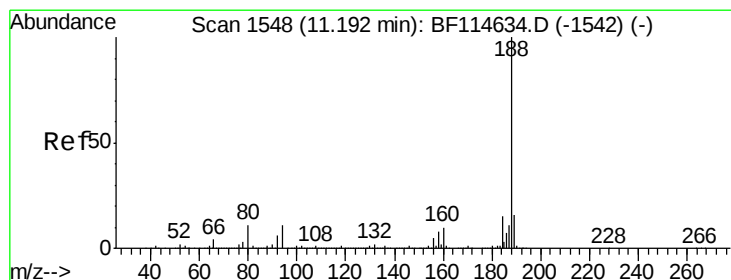
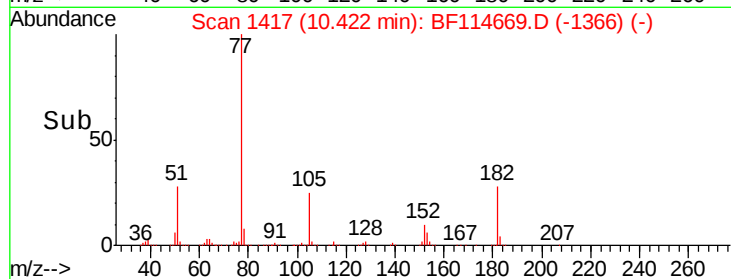
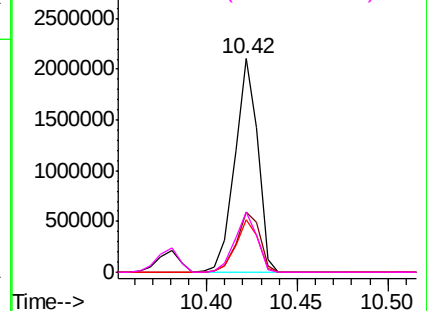


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF114669.D

Acq: 30 May 2019 19:24

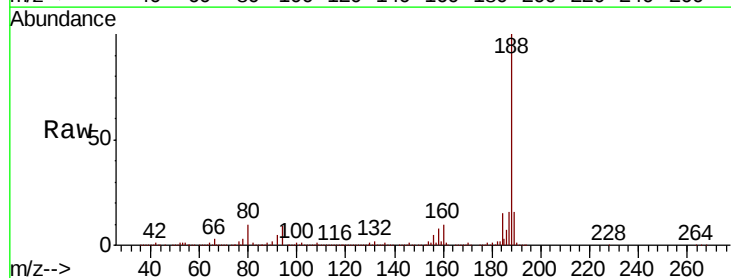
Tgt Ion: 188 Resp: 1311819

Ion Ratio Lower Upper

188 100

94 8.9 8.6 13.0

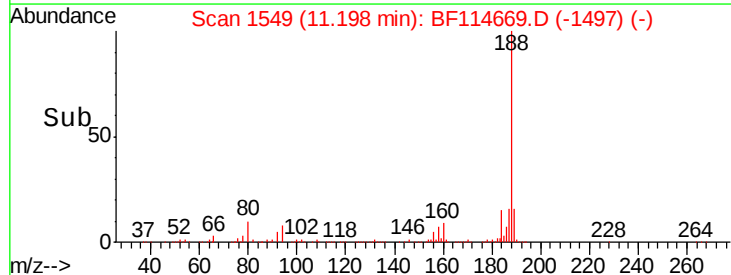
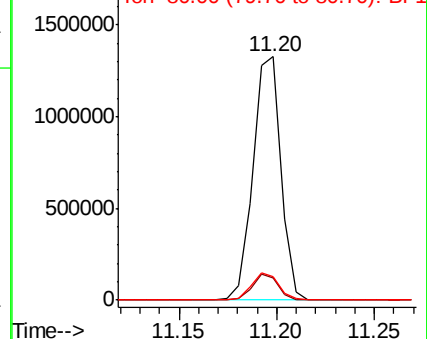
80 9.7 9.0 13.6

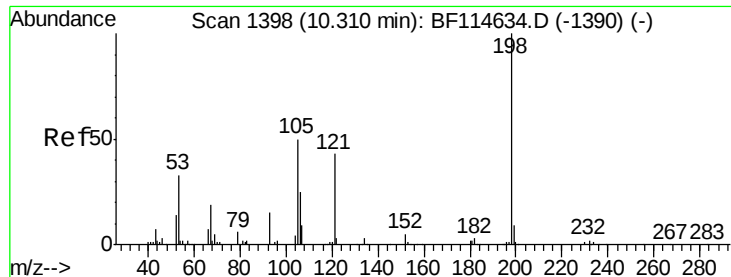


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 35.591 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

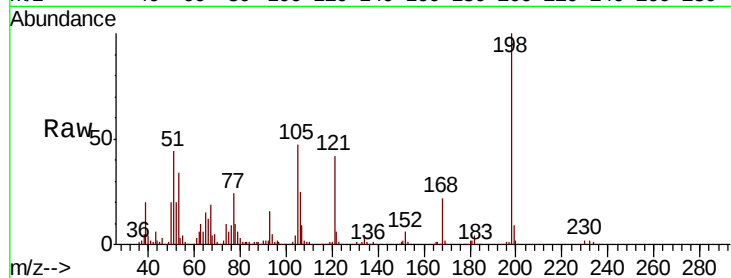
Tot Ion:198 Resp: 207022

Ion Ratio Lower Upper

198 100

51 44.1 29.0 69.0

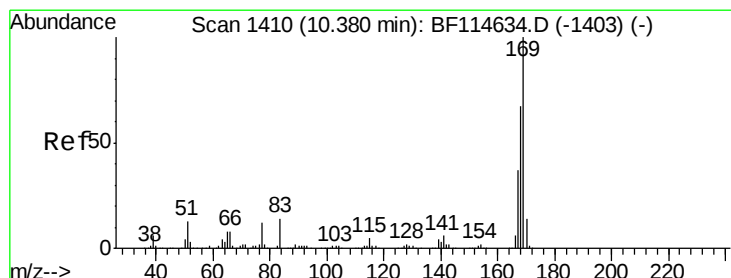
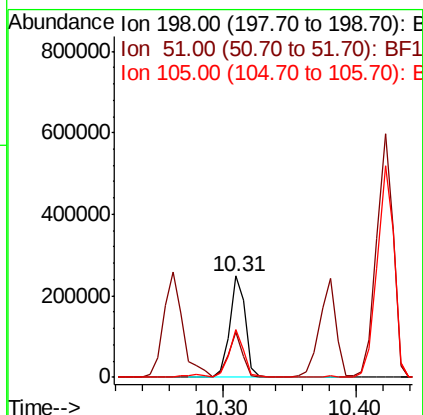
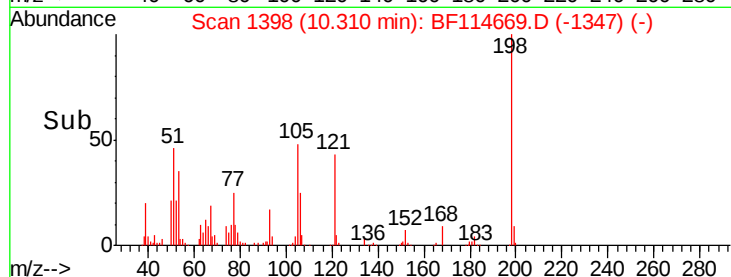
105 46.7 30.4 70.4



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: 42.728 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

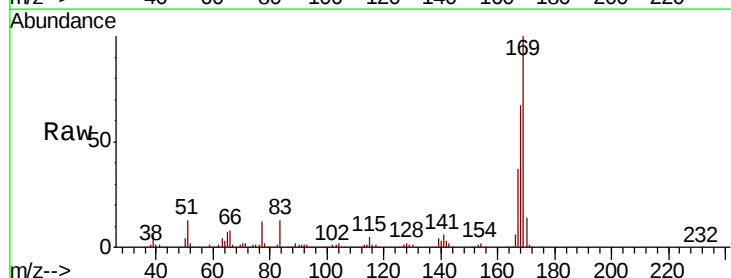
Tgt Ion:169 Resp: 1656046

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.8

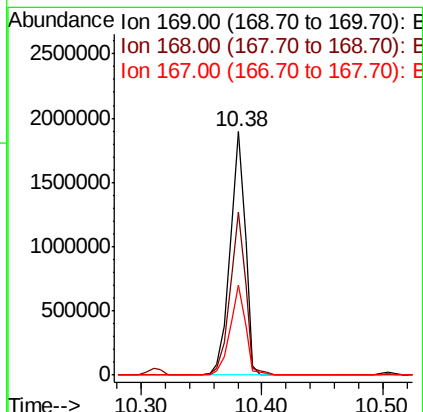
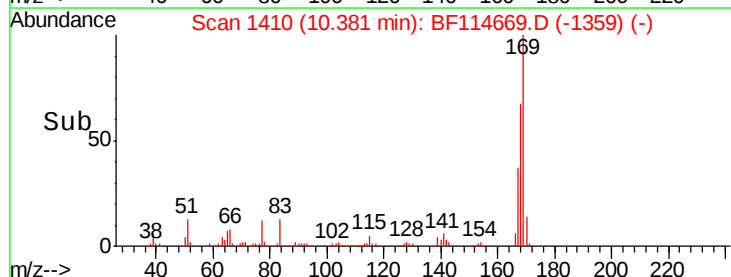
167 37.2 29.8 44.6

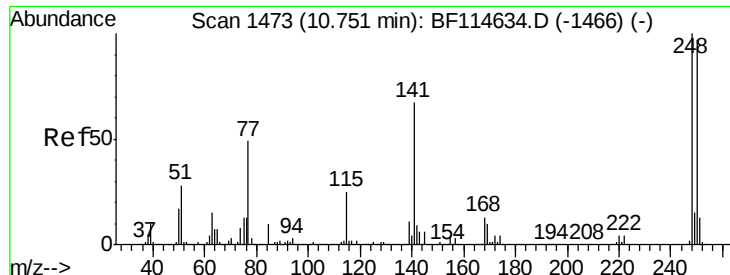


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

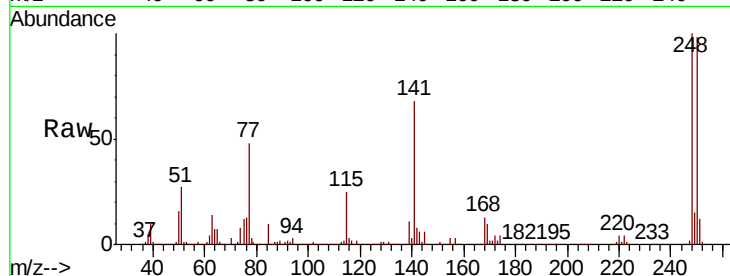




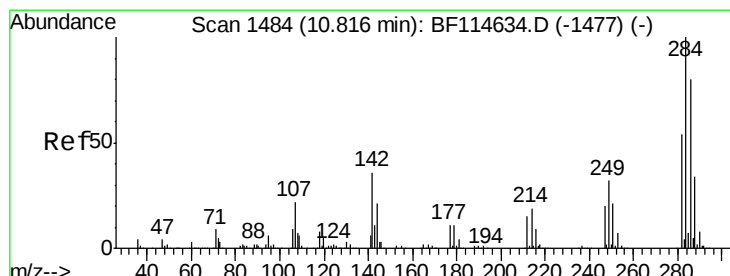
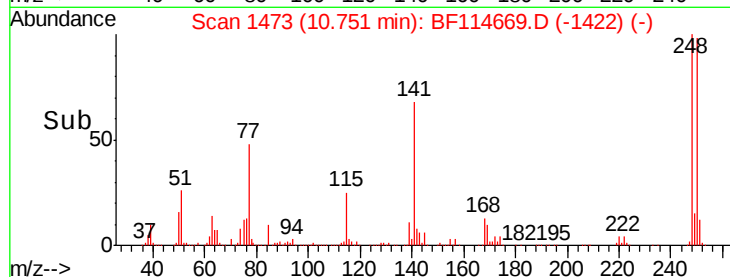
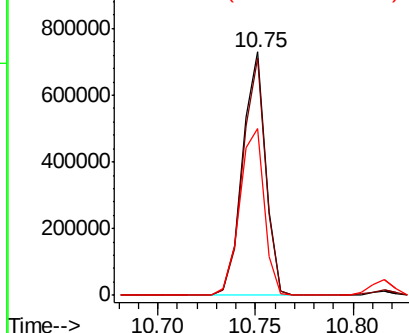
#67  
 4-Bromophenyl-phenylether  
 Concen: 42.564 ng  
 RT: 10.75 min Scan# 1473  
 Delta R.T. 0.00 min  
 Lab File: BF114669.D  
 Acq: 30 May 2019 19:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:248 Resp: 598766  
 Ion Ratio Lower Upper  
 248 100  
 250 97.5 78.0 117.0  
 141 68.3 53.8 80.8

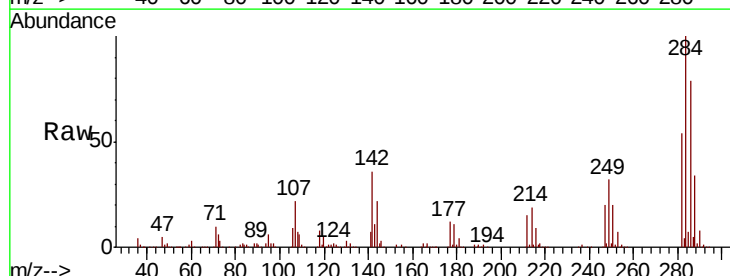


Abundance Ion 248.00 (247.70 to 248.70): E  
 1000000 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

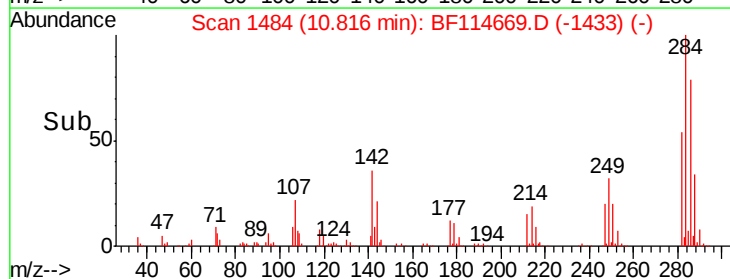
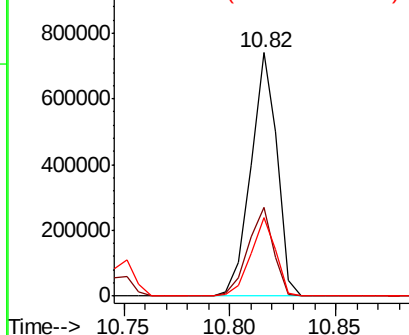


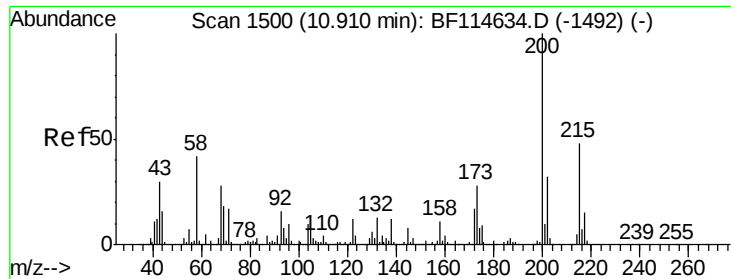
#68  
 Hexachlorobenzene  
 Concen: 41.894 ng  
 RT: 10.82 min Scan# 1484  
 Delta R.T. 0.00 min  
 Lab File: BF114669.D  
 Acq: 30 May 2019 19:24

Tgt Ion:284 Resp: 638327  
 Ion Ratio Lower Upper  
 284 100  
 142 36.4 28.9 43.3  
 249 32.0 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E  
 1000000 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.022 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

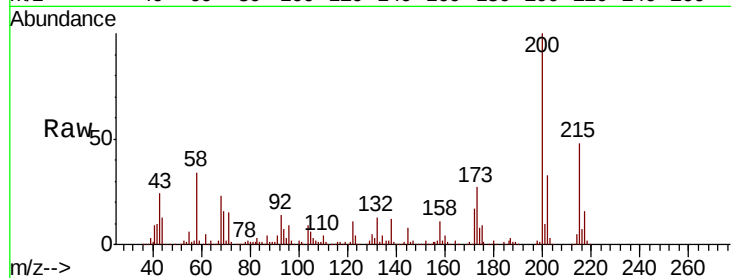
Tot Ion:200 Resp: 488335

Ion Ratio Lower Upper

200 100

173 27.2 7.9 47.9

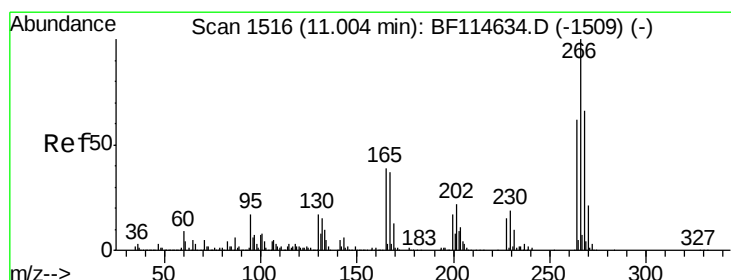
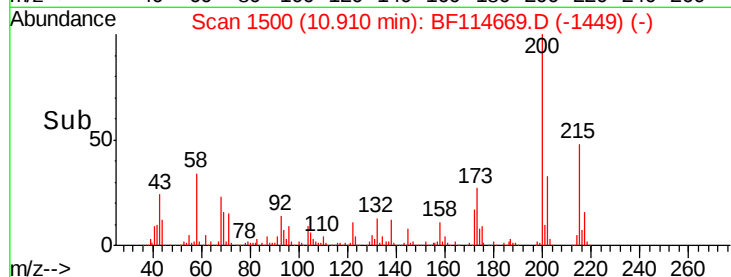
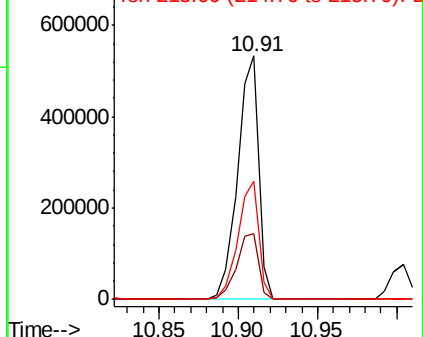
215 48.4 27.8 67.8



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: 42.255 ng

RT: 11.00 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

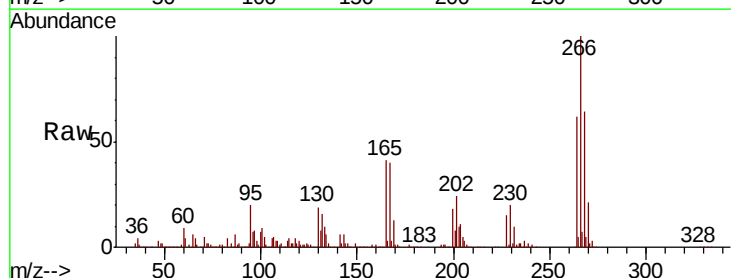
Tgt Ion:266 Resp: 371132

Ion Ratio Lower Upper

266 100

268 64.3 52.8 79.2

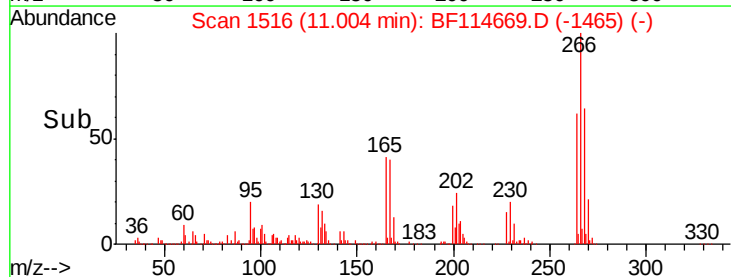
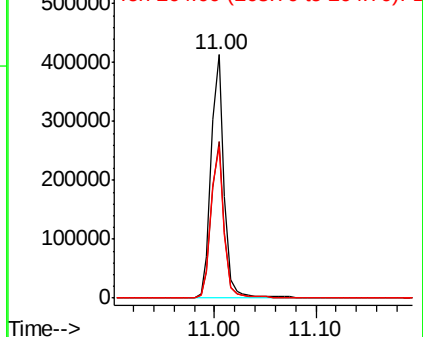
264 62.3 49.9 74.9

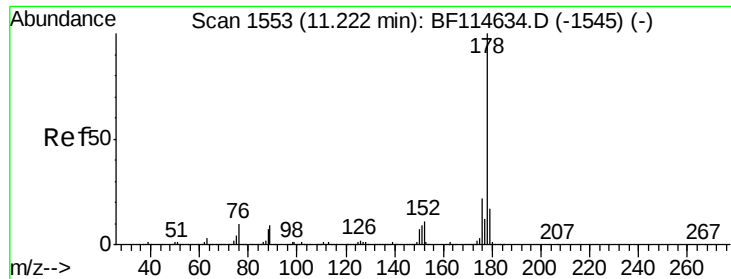


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

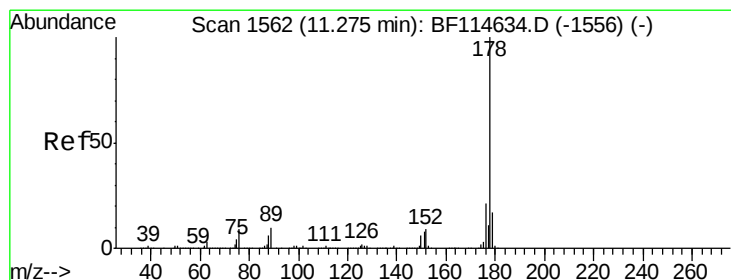
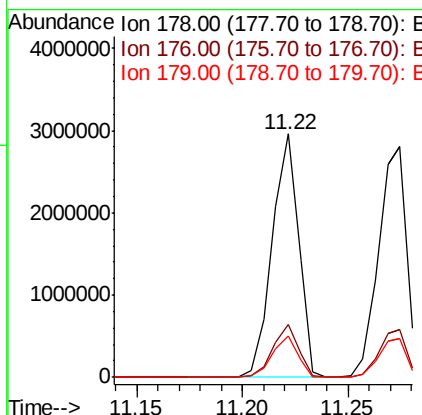
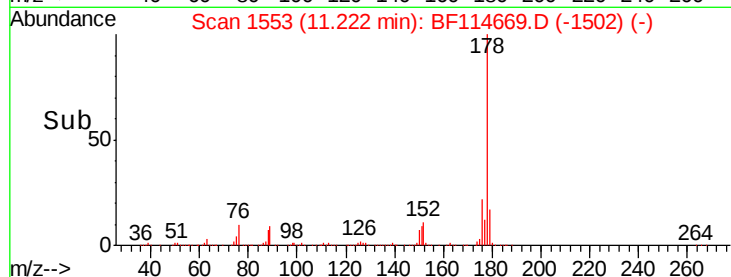
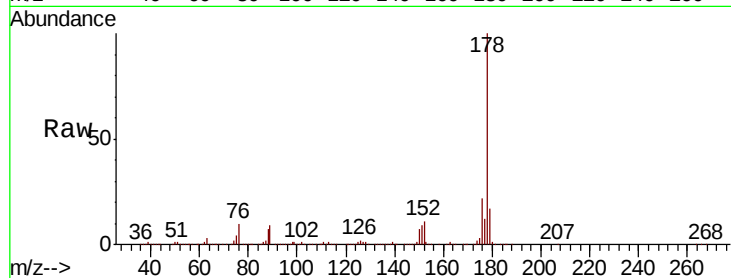




#71  
Phenanthrene  
Concen: 38.717 ng  
RT: 11.22 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

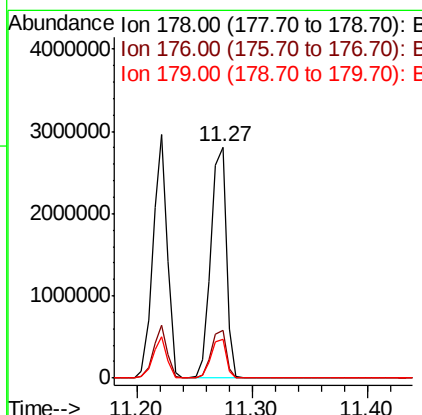
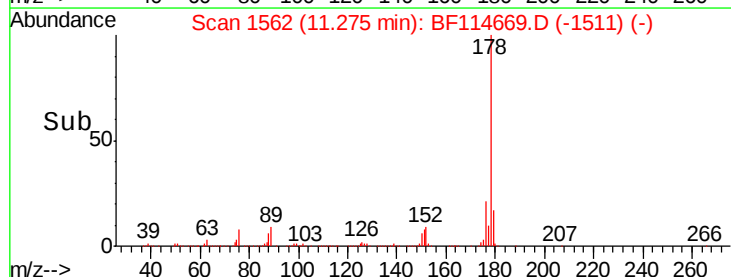
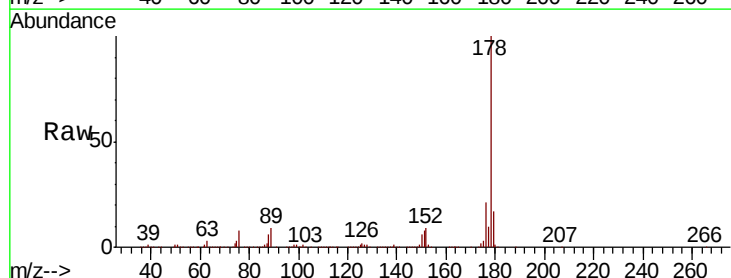
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

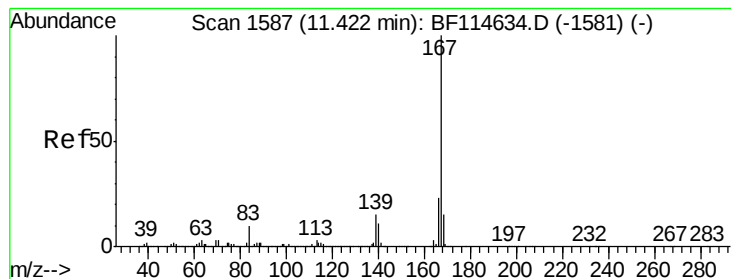
Tot Ion:178 Resp: 2590880  
Ion Ratio Lower Upper  
178 100  
176 21.8 17.2 25.8  
179 17.2 13.9 20.9



#72  
Anthracene  
Concen: 38.802 ng  
RT: 11.27 min Scan# 1562  
Delta R.T. 0.00 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Tgt Ion:178 Resp: 2627998  
Ion Ratio Lower Upper  
178 100  
176 20.6 16.6 24.8  
179 16.8 13.4 20.0





#73

Carbazole

Concen: 39.730 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

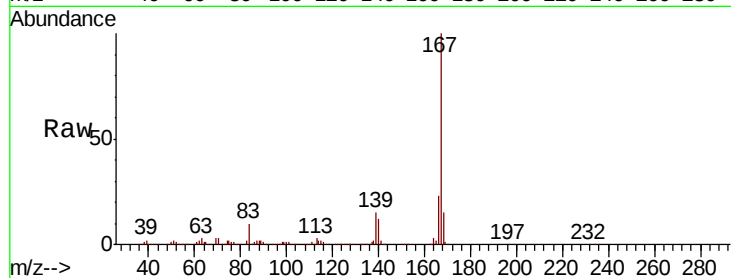
Tot Ion:167 Resp: 2364841

Ion Ratio Lower Upper

167 100

166 23.5 18.7 28.1

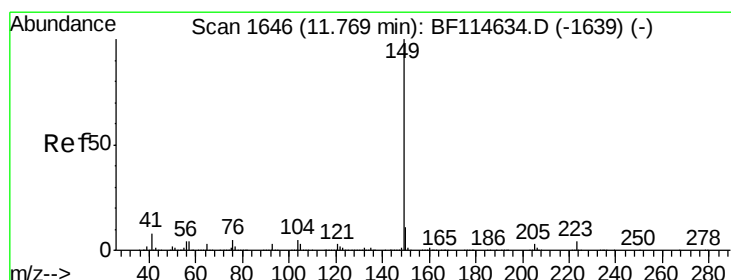
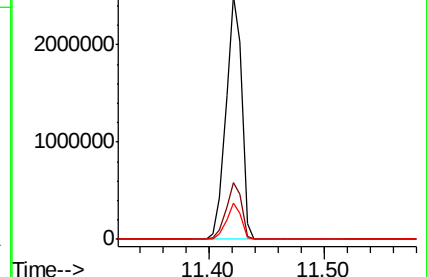
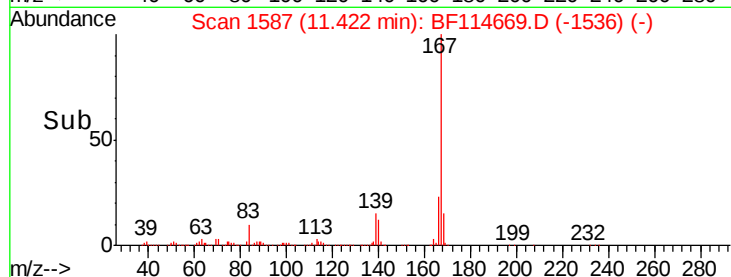
139 14.9 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.716 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

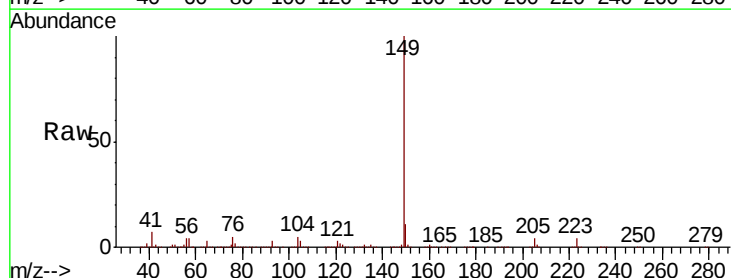
Tgt Ion:149 Resp: 2939788

Ion Ratio Lower Upper

149 100

150 10.8 8.6 12.8

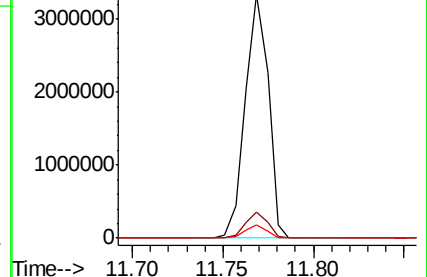
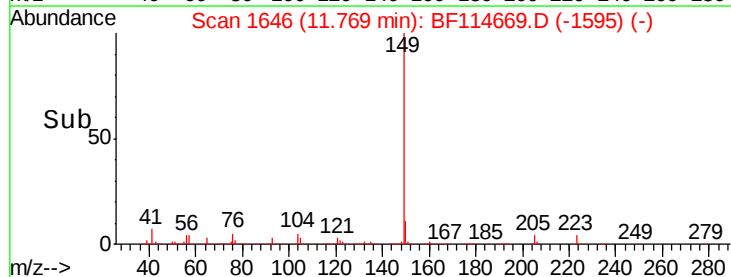
104 5.4 4.3 6.5

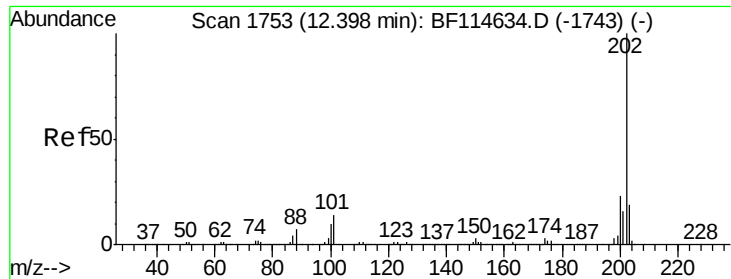


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.130 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

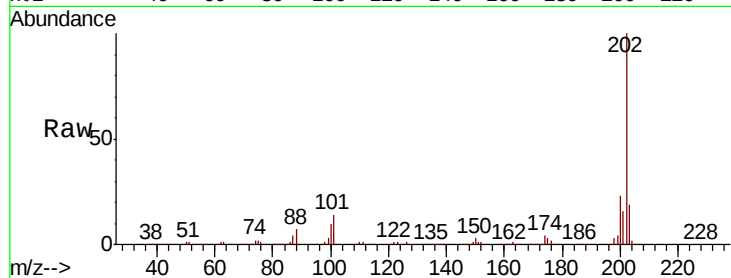
Tot Ion:202 Resp: 2572772

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.9

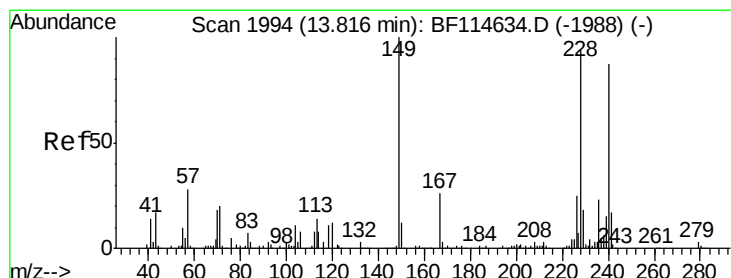
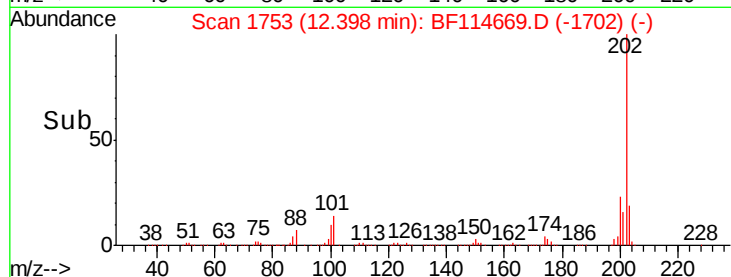
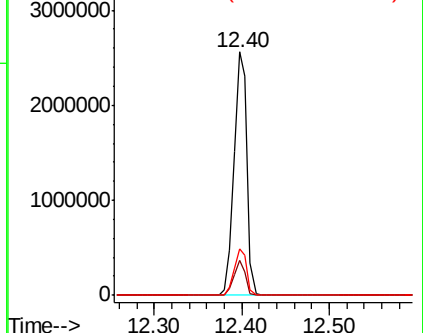
203 19.2 0.0 39.1



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# 1994

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

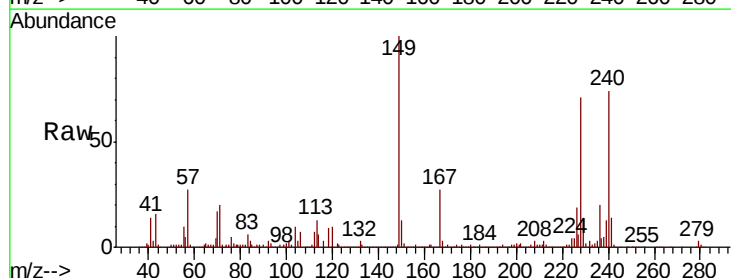
Tgt Ion:240 Resp: 761520

Ion Ratio Lower Upper

240 100

120 13.2 11.2 16.8

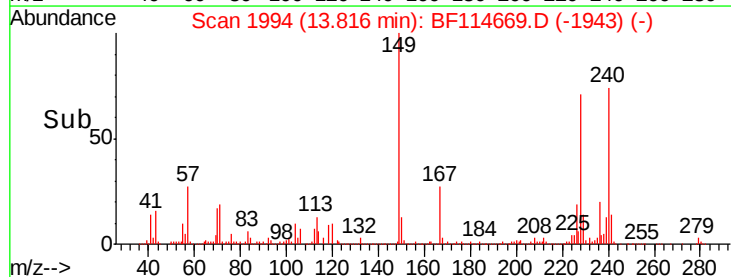
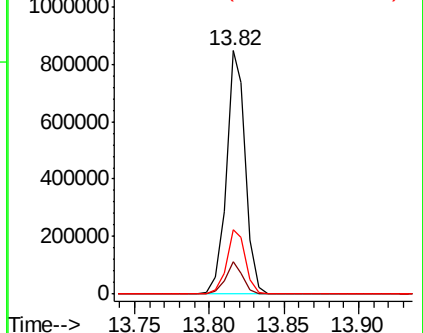
236 26.6 21.2 31.8

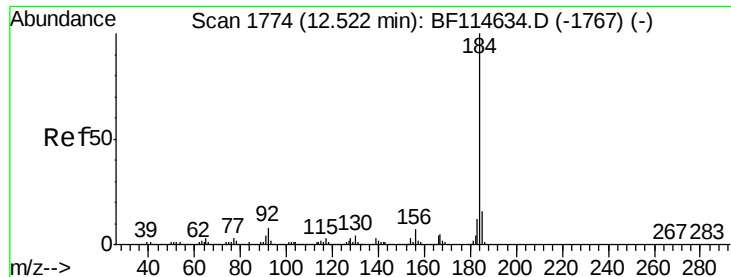


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.847 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

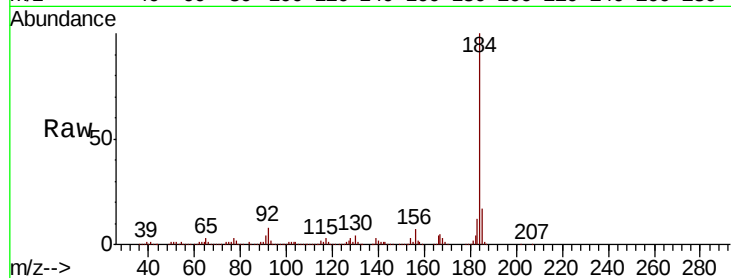
Tot Ion:184 Resp: 1343598

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 16.5  | 12.6  | 18.8  |
| 183 | 11.7  | 9.4   | 14.2  |

184 100

185 16.5 12.6 18.8

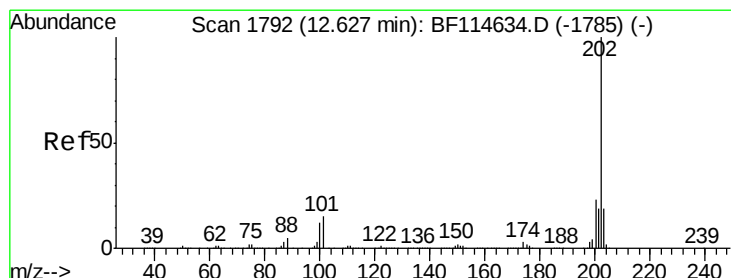
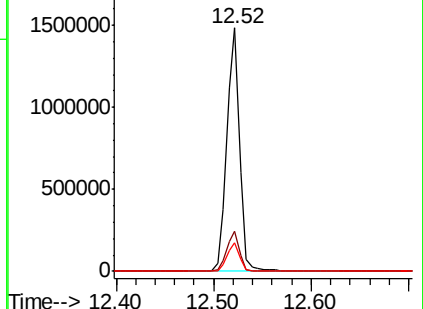
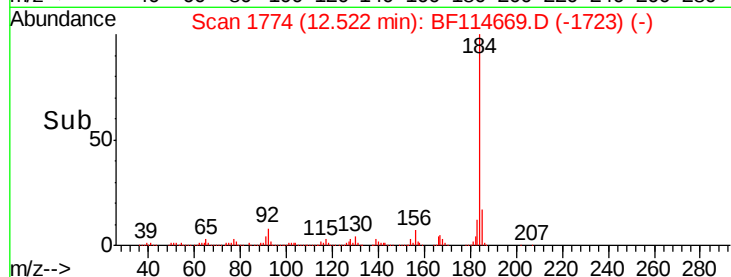
183 11.7 9.4 14.2



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: 40.208 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

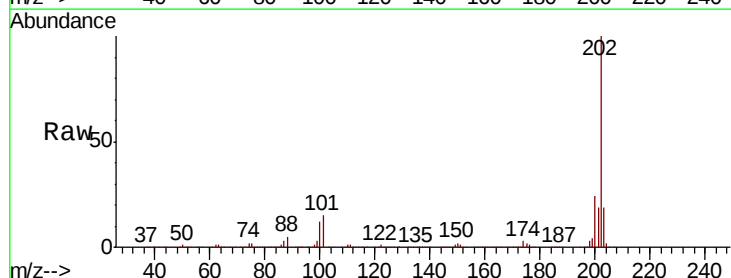
Tgt Ion:202 Resp: 2590113

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.5  | 18.6  | 28.0  |
| 203 | 19.1  | 15.4  | 23.2  |

202 100

200 23.5 18.6 28.0

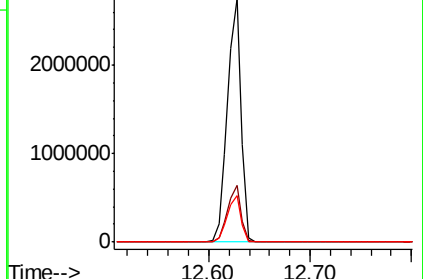
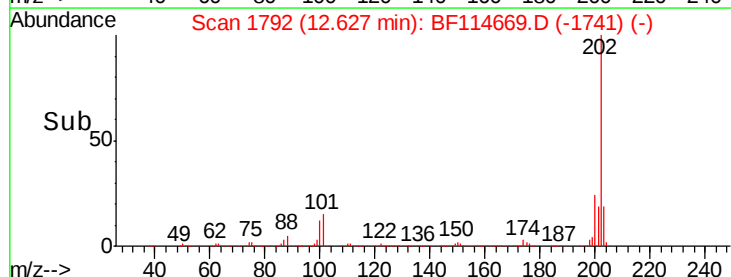
203 19.1 15.4 23.2

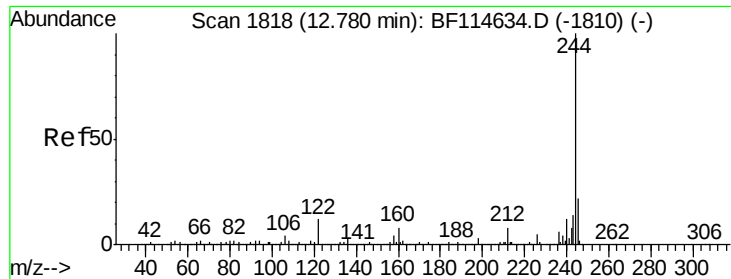


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.553 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

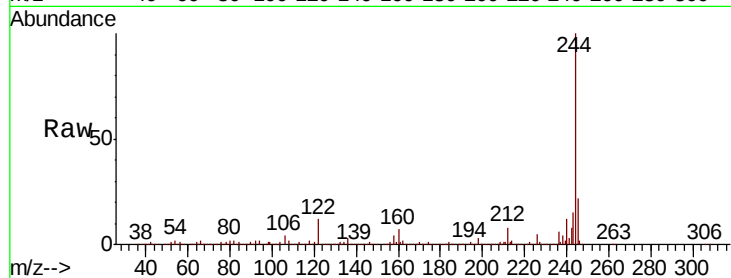
Tot Ion:244 Resp: 3262643

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

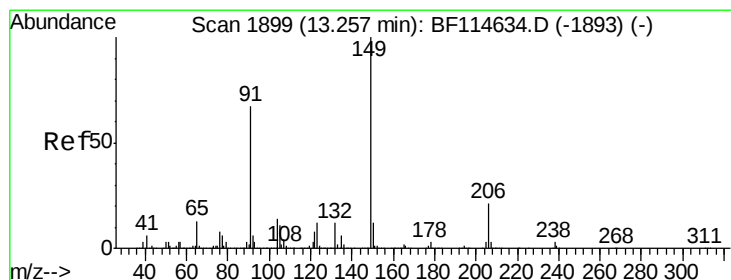
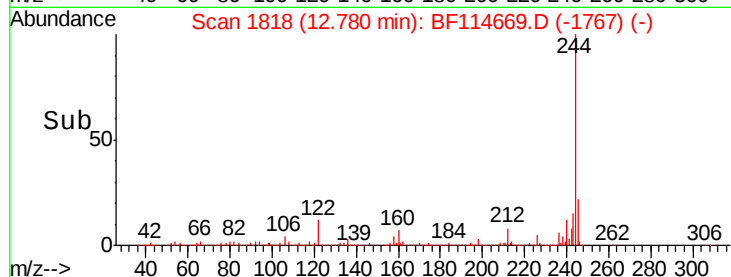
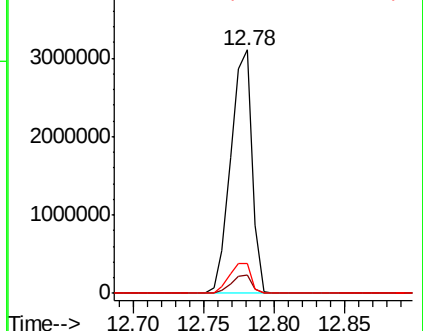
122 12.1 9.8 14.8



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: 39.224 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

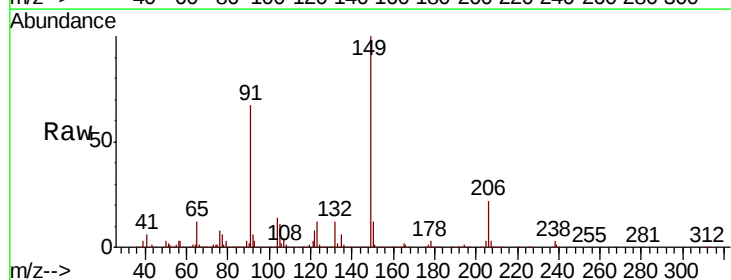
Tgt Ion:149 Resp: 1269866

Ion Ratio Lower Upper

149 100

91 66.5 53.8 80.8

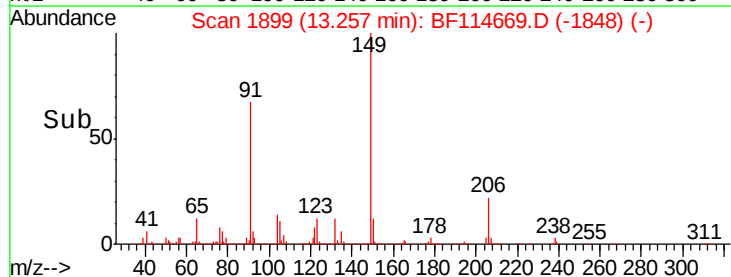
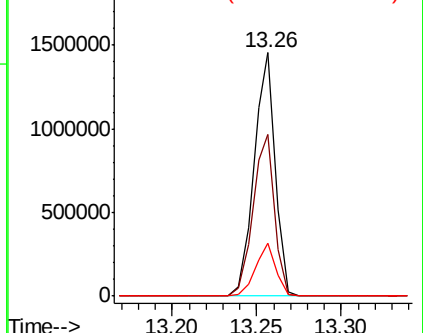
206 21.6 16.9 25.3

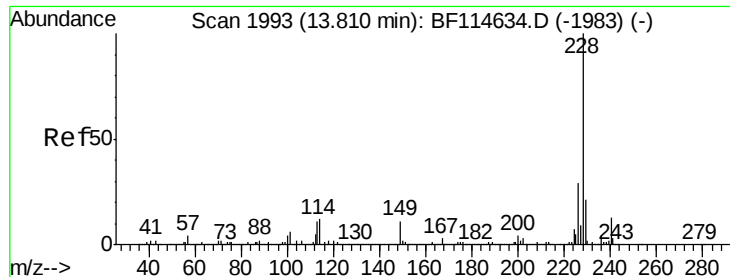


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.848 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

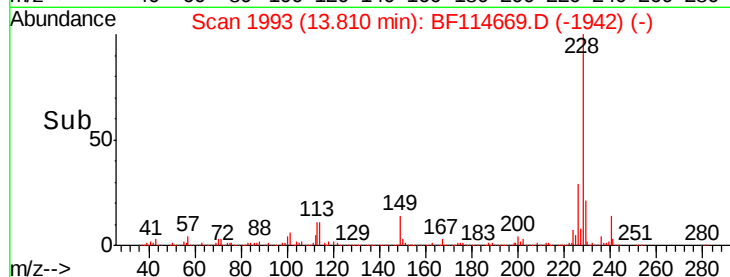
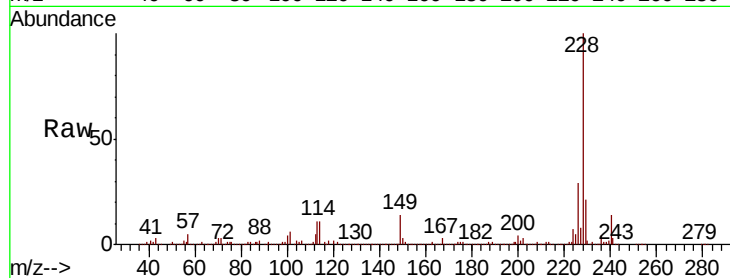
BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2273412

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.0  | 23.0  | 34.6  |
| 229 | 20.6  | 17.0  | 25.4  |

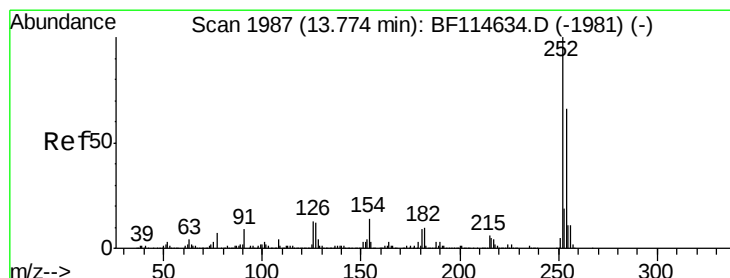
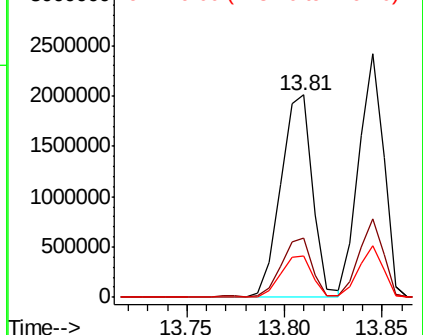


Abundance

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: 41.177 ng

RT: 13.77 min Scan# 1987

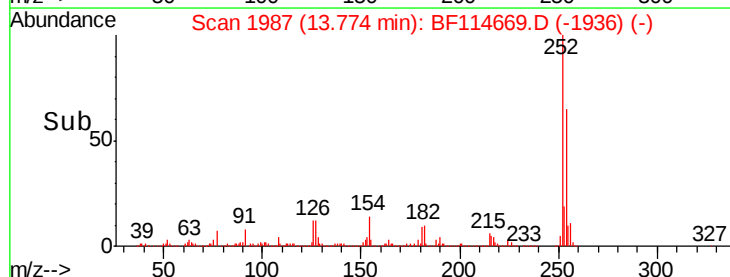
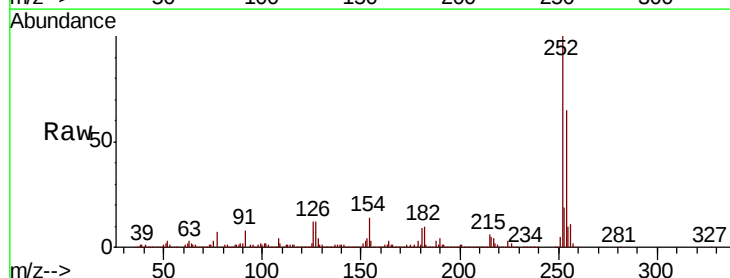
Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Tgt Ion:252 Resp: 930597

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.1  | 53.1  | 79.7  |
| 126 | 12.0  | 10.2  | 15.2  |

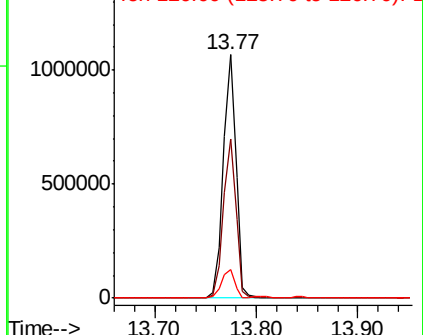


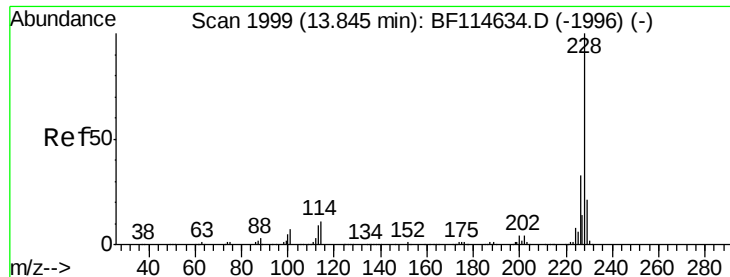
Abundance

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: 38.410 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

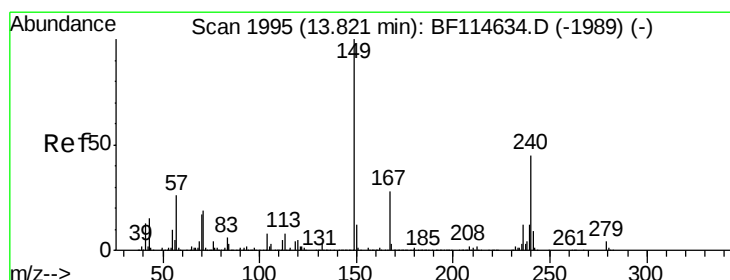
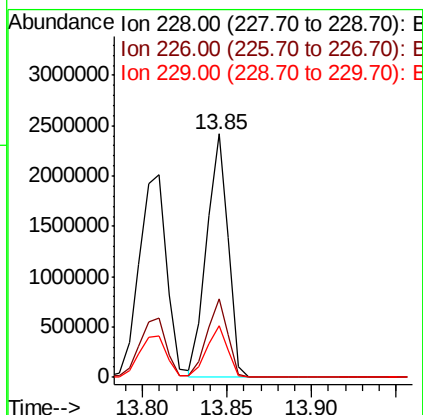
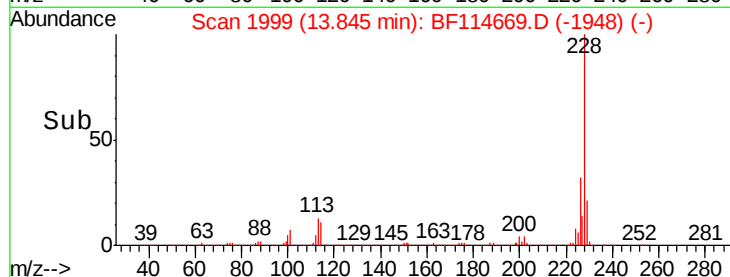
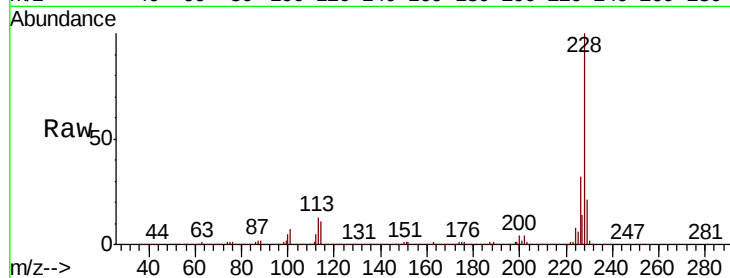
Tot Ion:228 Resp: 2147552

Ion Ratio Lower Upper

228 100

226 32.4 26.4 39.6

229 21.4 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.952 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

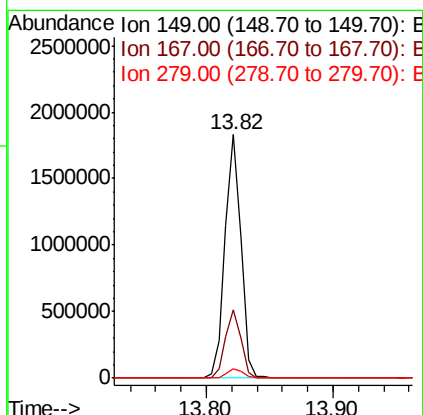
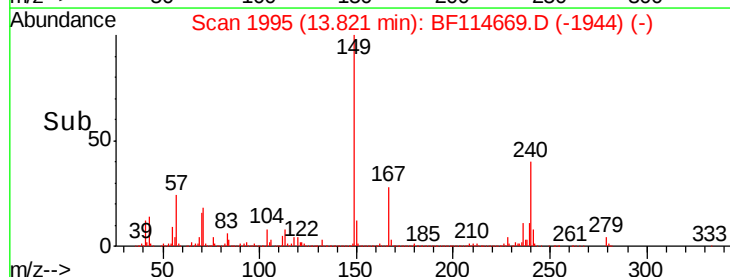
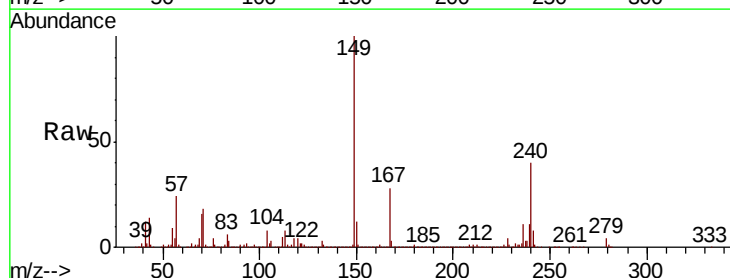
Tgt Ion:149 Resp: 1599032

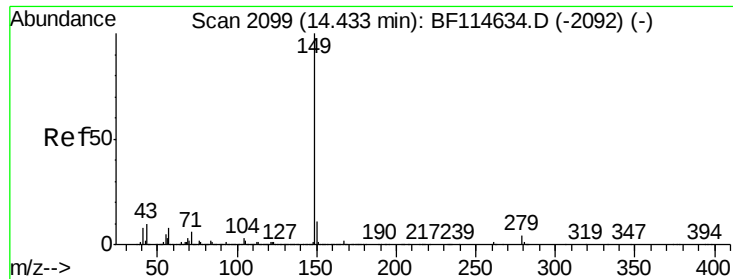
Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

279 3.9 3.0 4.4

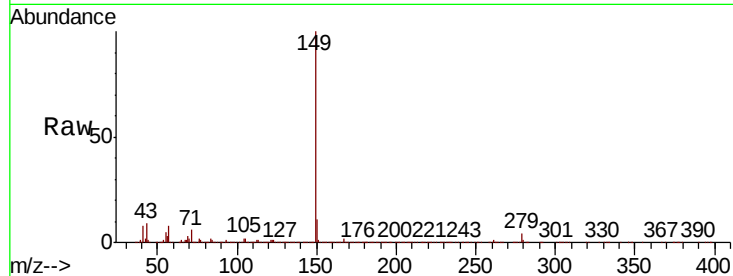




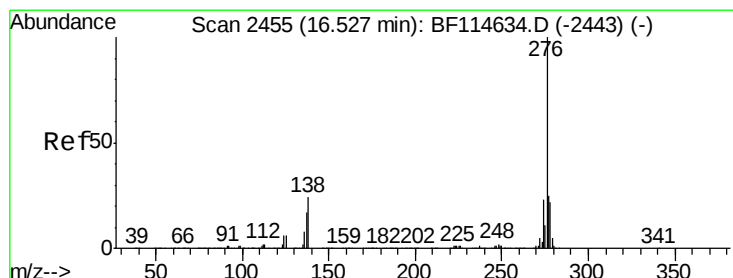
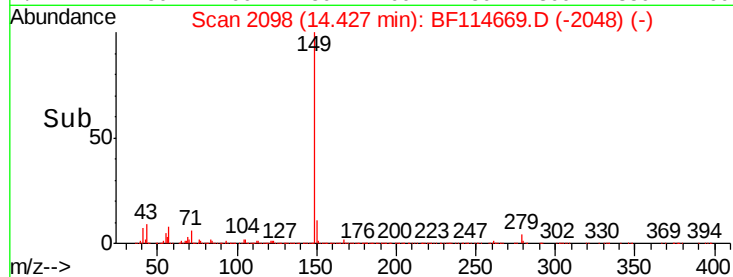
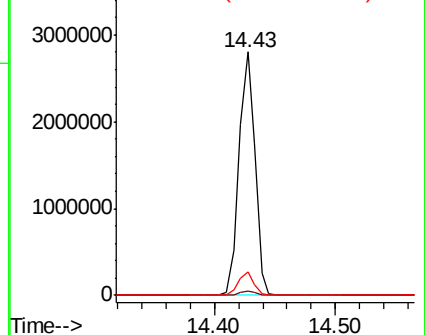
#85  
Di-n-octyl phthalate  
Concen: 37.442 ng  
RT: 14.43 min Scan# 2098  
Delta R.T. -0.01 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 2603704  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 9.2 8.0 12.0

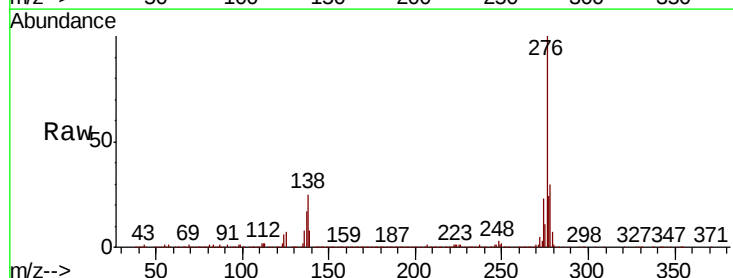


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

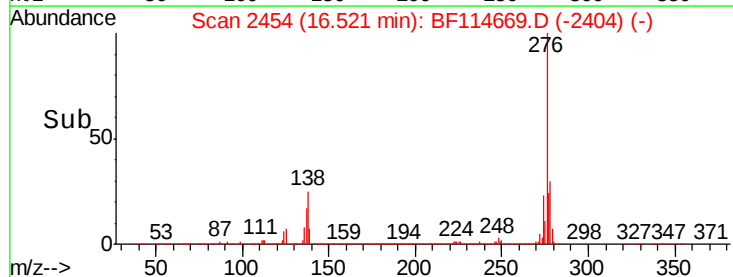
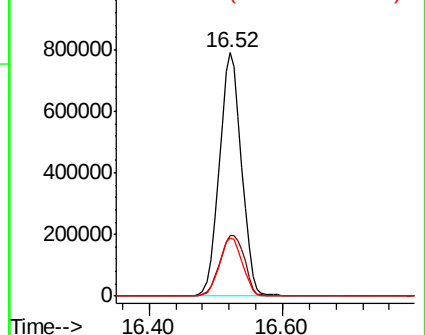


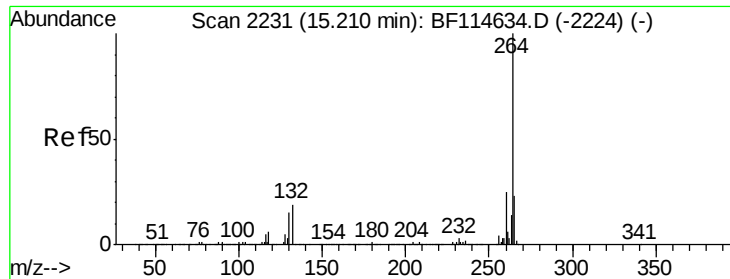
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 33.022 ng  
RT: 16.52 min Scan# 2454  
Delta R.T. -0.01 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Tgt Ion:276 Resp: 1849181  
Ion Ratio Lower Upper  
276 100  
138 28.1 23.0 34.6  
277 24.8 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

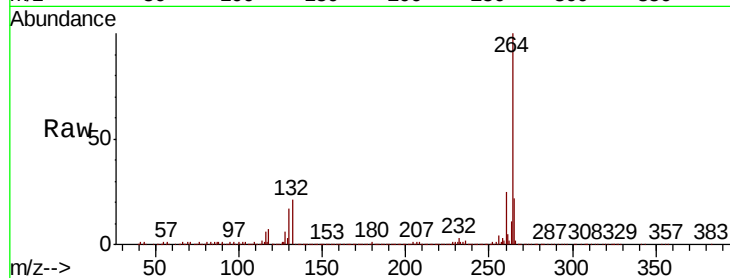




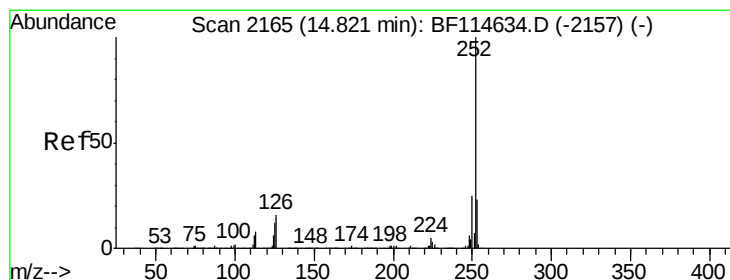
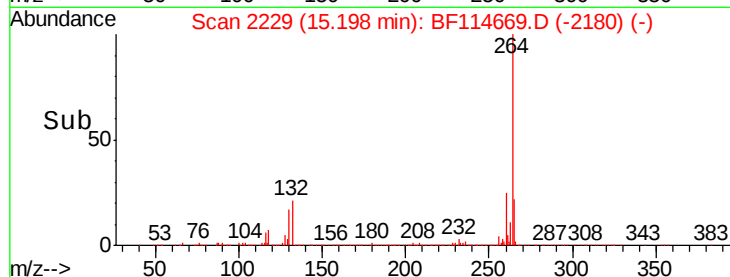
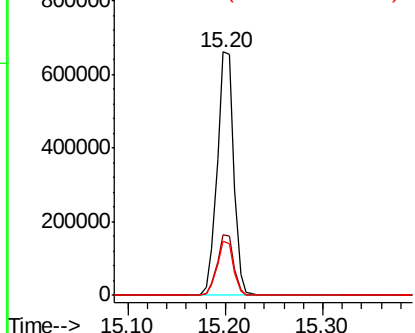
#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.20 min Scan# 2229  
 Delta R.T. -0.01 min  
 Lab File: BF114669.D  
 Acq: 30 May 2019 19:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:264 Resp: 778931  
 Ion Ratio Lower Upper  
 264 100  
 260 25.0 19.7 29.5  
 265 22.4 18.1 27.1

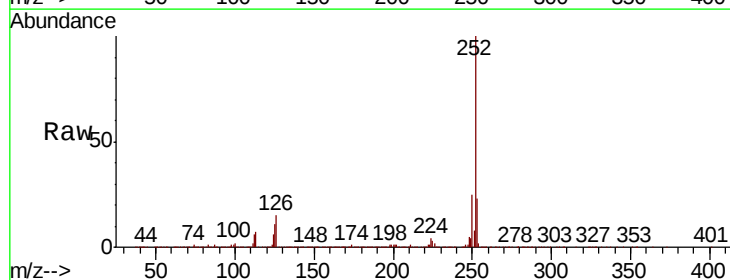


Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E

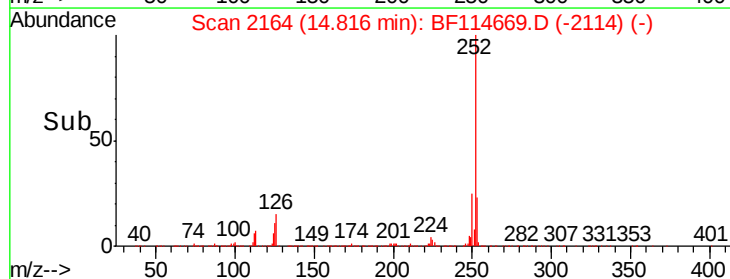
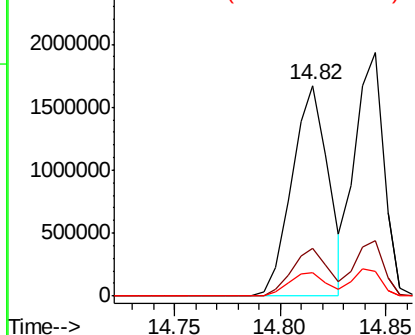


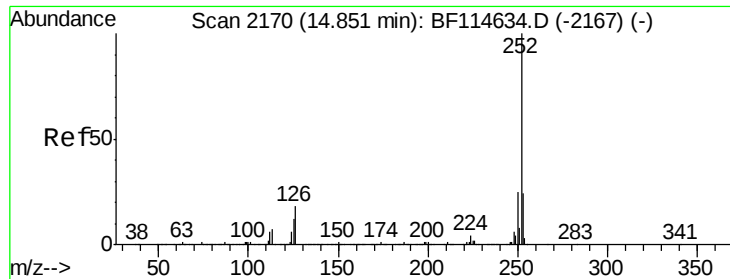
#88  
 Benzo(b)fluoranthene  
 Concen: 40.922 ng  
 RT: 14.82 min Scan# 2164  
 Delta R.T. -0.01 min  
 Lab File: BF114669.D  
 Acq: 30 May 2019 19:24

Tgt Ion:252 Resp: 2007634  
 Ion Ratio Lower Upper  
 252 100  
 253 22.9 18.7 28.1  
 125 11.3 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

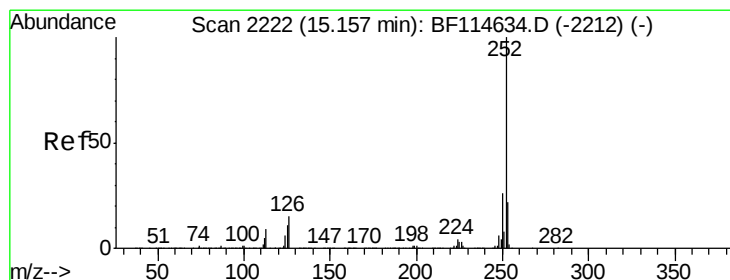
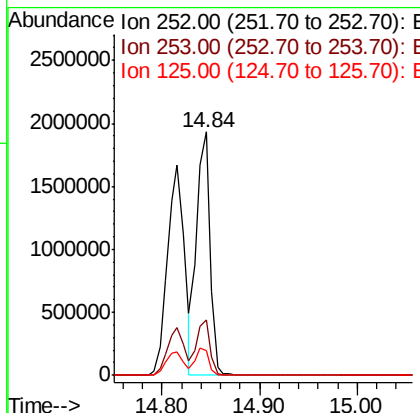
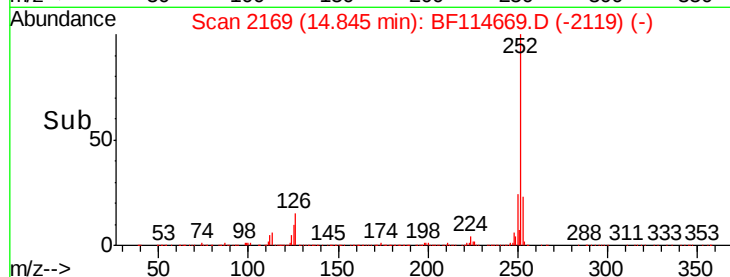
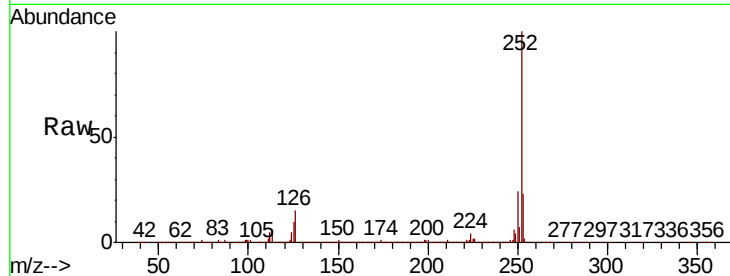




#89  
Benzo(k)fluoranthene  
Concen: 43.557 ng  
RT: 14.84 min Scan# 2169  
Delta R.T. -0.01 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

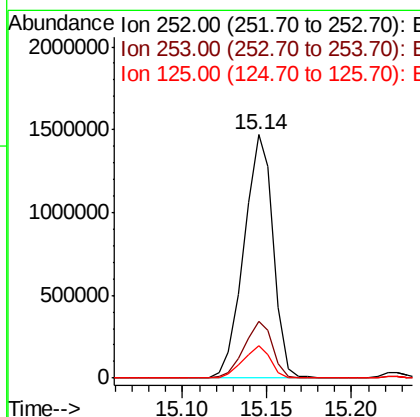
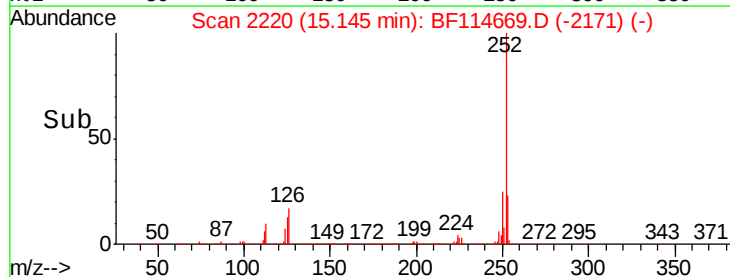
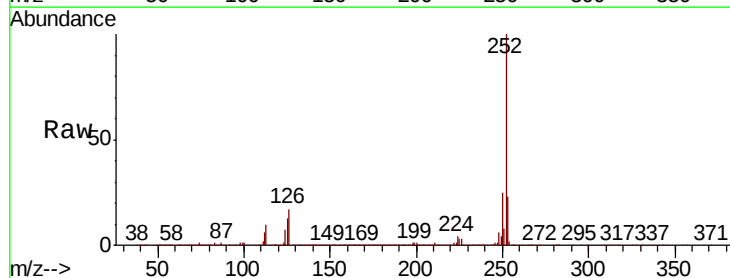
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

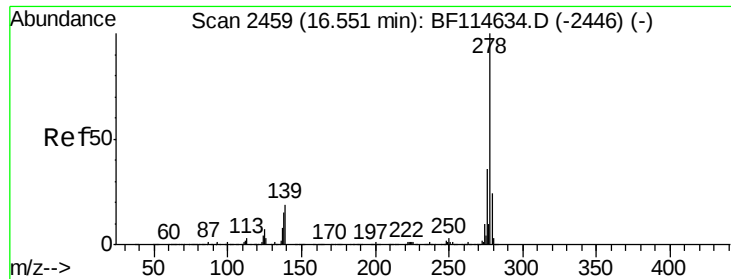
Tot Ion:252 Resp: 1857360  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.9 28.3  
125 10.4 9.5 14.3



#90  
Benzo(a)pyrene  
Concen: 41.122 ng  
RT: 15.14 min Scan# 2220  
Delta R.T. -0.01 min  
Lab File: BF114669.D  
Acq: 30 May 2019 19:24

Tgt Ion:252 Resp: 1772330  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.0 27.0  
125 13.2 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 39.694 ng

RT: 16.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

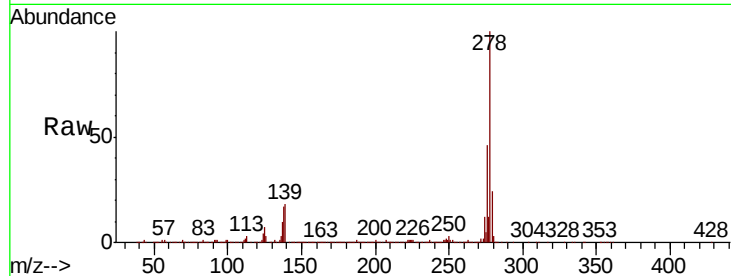
Tot Ion:278 Resp: 1511718

Ion Ratio Lower Upper

278 100

139 18.5 14.9 22.3

279 24.4 19.5 29.3

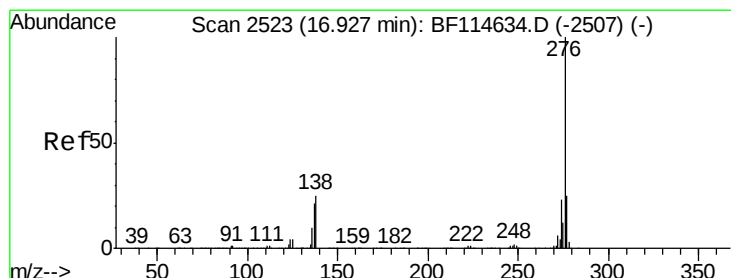
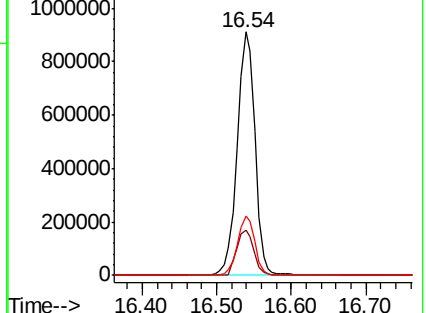
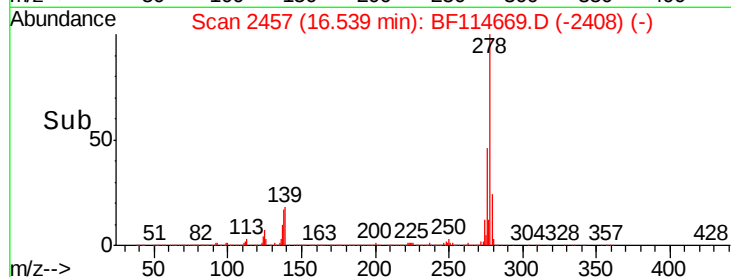


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.824 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

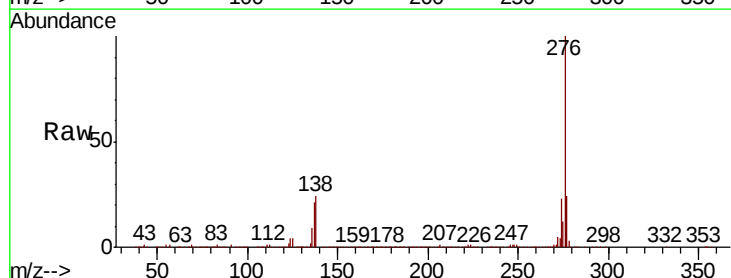
Tgt Ion:276 Resp: 1472035

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 24.3 19.8 29.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

