

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\  
 Data File : BF114791.D  
 Acq On : 4 Jun 2019 12:50  
 Operator : HP/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: Jun 04 13:26:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 04 13:06:09 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.67  | 152  | 388057   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.95  | 136  | 1557381  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.70  | 164  | 765660   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.17 | 188  | 1435701  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.79 | 240  | 823186   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.17 | 264  | 1099983  | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.26  | 112  | 2141267  | 104.34 | ng    | 0.00     |
| 7) Phenol-d6                | 6.31  | 99   | 2589595  | 104.30 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.23  | 82   | 2470232  | 101.24 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.48 | 330  | 807824   | 104.26 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.03  | 172  | 4199779  | 98.85  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.75 | 244  | 3950437  | 89.06  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.29 | 88   | 517348   | 52.052 | ng    | 100    |
| 3) Pyridine                    | 2.96 | 79   | 1391867  | 50.102 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 2.92 | 42   | 524024   | 50.495 | ng    | 93     |
| 6) Aniline                     | 6.33 | 93   | 1846824  | 49.992 | ng    | 95     |
| 8) 2-Chlorophenol              | 6.45 | 128  | 1244876  | 50.265 | ng    | 98     |
| 9) Benzaldehyde                | 6.21 | 77   | 908891   | 61.051 | ng    | 100    |
| 10) Phenol                     | 6.32 | 94   | 1469760  | 49.865 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.41 | 93   | 1164425  | 50.159 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 6.61 | 146  | 1443429  | 50.400 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 6.69 | 146  | 1461251  | 50.650 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 6.84 | 146  | 1335835  | 51.289 | ng    | 99     |
| 15) Benzyl Alcohol             | 6.82 | 79   | 1006642  | 51.252 | ng    | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 6.95 | 45   | 1677603  | 50.019 | ng    | 100    |
| 17) 2-Methylphenol             | 6.93 | 107  | 1062583  | 50.430 | ng    | 99     |
| 18) Hexachloroethane           | 7.18 | 117  | 550794   | 50.691 | ng    | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.10 | 70   | 855751   | 49.650 | ng    | 98     |
| 20) 3+4-Methylphenols          | 7.09 | 107  | 1142694  | 49.050 | ng    | 95     |
| 22) Acetophenone               | 7.08 | 105  | 1642355  | 49.786 | ng    | 100    |
| 24) Nitrobenzene               | 7.25 | 77   | 1288171  | 50.865 | ng    | 100    |
| 25) Isophorone                 | 7.50 | 82   | 2382555  | 48.970 | ng    | 100    |
| 26) 2-Nitrophenol              | 7.57 | 139  | 708033   | 51.664 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 7.61 | 122  | 1055979  | 50.292 | ng    | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.71 | 93   | 1548454  | 49.561 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 7.81 | 162  | 1116516  | 50.460 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.89 | 180  | 1271675  | 50.271 | ng    | 100    |
| 31) Naphthalene                | 7.97 | 128  | 3350645  | 49.489 | ng    | 99     |
| 32) Benzoic acid               | 7.75 | 122  | 729877   | 48.777 | ng    | 99     |
| 33) 4-Chloroaniline            | 8.02 | 127  | 1625428  | 49.426 | ng    | 99     |
| 34) Hexachlorobutadiene        | 8.10 | 225  | 724557   | 50.312 | ng    | 99     |
| 35) Caprolactam                | 8.40 | 113  | 351179   | 49.338 | ng    | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.50 | 107  | 1107975  | 50.699 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 8.66 | 142  | 2340677  | 49.643 | ng    | 100    |
| 38) 1-Methylnaphthalene        | 8.76 | 142  | 2255826  | 50.480 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.83 | 216  | 1093849  | 51.304 | ng    | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\  
 Data File : BF114791.D  
 Acq On : 4 Jun 2019 12:50  
 Operator : HP/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: Jun 04 13:26:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 04 13:06:09 2019  
 Response via : Initial Calibration

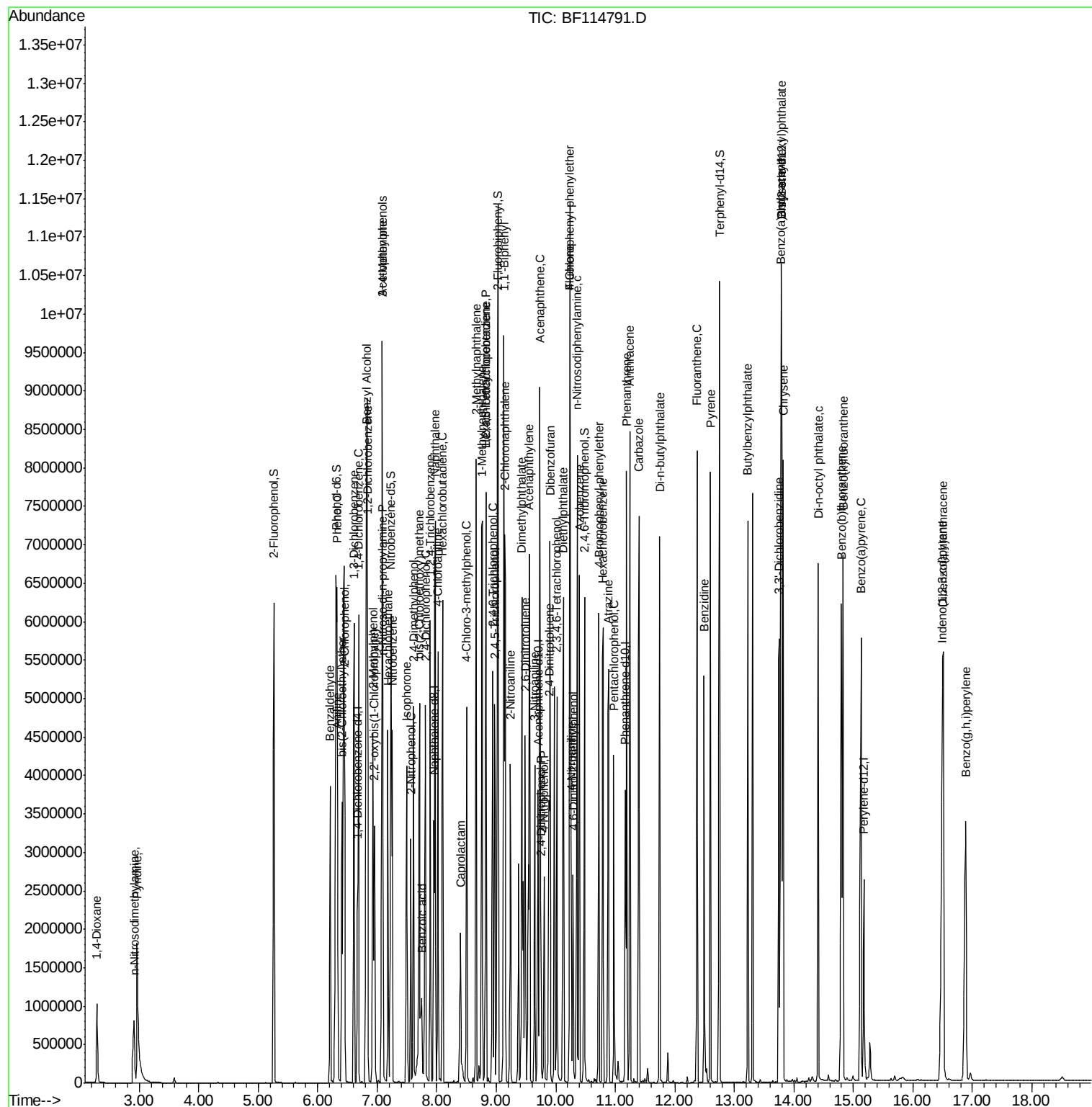
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.82  | 237  | 671260   | 50.514 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 8.94  | 196  | 828624   | 49.782 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 8.97  | 196  | 856871   | 51.878 | nq    | 100      |
| 46) 1,1'-Biphenyl              | 9.13  | 154  | 2738936  | 50.062 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.15  | 162  | 2355823  | 50.900 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.24  | 65   | 707802   | 50.746 | nq    | 99       |
| 49) Acenaphthylene             | 9.56  | 152  | 3400657  | 50.338 | nq    | 99       |
| 50) Dimethylphthalate          | 9.43  | 163  | 2677324  | 49.277 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.49  | 165  | 640294   | 50.798 | nq    | 96       |
| 52) Acenaphthene               | 9.73  | 154  | 2214987  | 50.437 | nq    | 100      |
| 53) 3-Nitroaniline             | 9.65  | 138  | 745378   | 49.637 | nq    | 97       |
| 54) 2,4-Dinitrophenol          | 9.75  | 184  | 307068   | 51.598 | nq    | 99       |
| 55) Dibenzofuran               | 9.90  | 168  | 2983384  | 50.695 | nq    | 100      |
| 56) 4-Nitrophenol              | 9.81  | 139  | 562125   | 51.776 | nq    | 92       |
| 57) 2,4-Dinitrotoluene         | 9.89  | 165  | 830540   | 52.053 | nq    | 96       |
| 58) Fluorene                   | 10.25 | 166  | 2082322  | 49.328 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.02 | 232  | 693935   | 51.482 | nq    | 99       |
| 60) Diethylphthalate           | 10.13 | 149  | 2745558  | 50.501 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.24 | 204  | 1071804  | 49.273 | nq    | 99       |
| 62) 4-Nitroaniline             | 10.26 | 138  | 730056   | 50.279 | nq    | 99       |
| 63) Azobenzene                 | 10.40 | 77   | 2337617  | 50.116 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.29 | 198  | 378972   | 51.029 | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.36 | 169  | 2122760  | 50.321 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.72 | 248  | 805832   | 50.815 | nq    | 99       |
| 68) Hexachlorobenzene          | 10.79 | 284  | 872719   | 50.331 | nq    | 100      |
| 69) Atrazine                   | 10.89 | 200  | 735885   | 58.749 | nq    | 98       |
| 70) Pentachlorophenol          | 10.98 | 266  | 521964   | 52.749 | nq    | 99       |
| 71) Phenanthrene               | 11.20 | 178  | 3314585  | 49.739 | nq    | 99       |
| 72) Anthracene                 | 11.25 | 178  | 3385885  | 50.642 | nq    | 100      |
| 73) Carbazole                  | 11.40 | 167  | 3024977  | 49.990 | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.74 | 149  | 3764065  | 48.794 | nq    | 99       |
| 75) Fluoranthene               | 12.37 | 202  | 3352509  | 50.035 | nq    | 99       |
| 77) Benzidine                  | 12.50 | 184  | 2080044  | 63.913 | nq    | 99       |
| 78) Pyrene                     | 12.60 | 202  | 3372129  | 49.084 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.23 | 149  | 1763657  | 49.934 | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.78 | 228  | 3074664  | 50.038 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.75 | 252  | 1263570  | 51.846 | nq    | 97       |
| 83) Chrysene                   | 13.82 | 228  | 2963141  | 50.002 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.79 | 149  | 2217423  | 50.100 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.41 | 149  | 3798693  | 50.528 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.49 | 276  | 3528582  | 50.659 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 14.80 | 252  | 3321580  | 49.736 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 14.83 | 252  | 2785461  | 49.778 | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.13 | 252  | 2961566  | 50.382 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.51 | 278  | 2825281  | 50.637 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 16.89 | 276  | 2898275  | 51.372 | nq    | 98       |

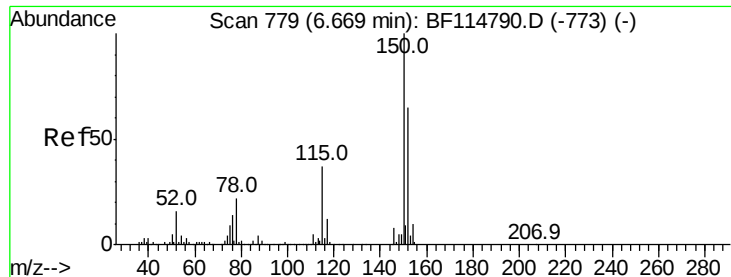
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\  
Data File : BF114791.D  
Acq On : 4 Jun 2019 12:50  
Operator : HP/JU  
Sample : SSTDICC050  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Quant Time: Jun 04 13:26:57 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 04 13:06:09 2019  
Response via : Initial Calibration



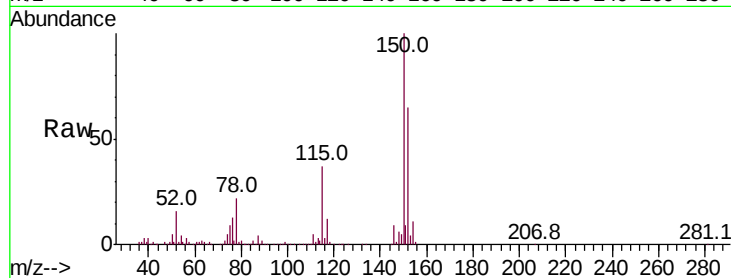


#1

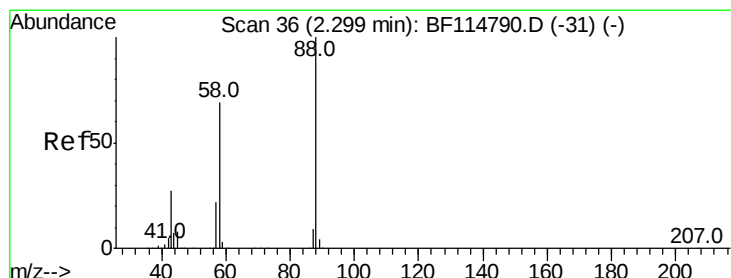
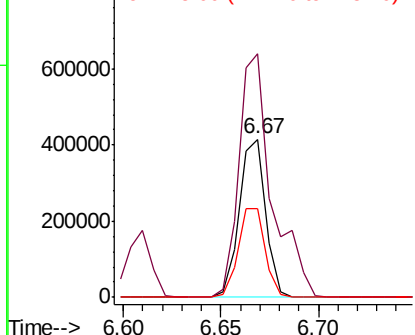
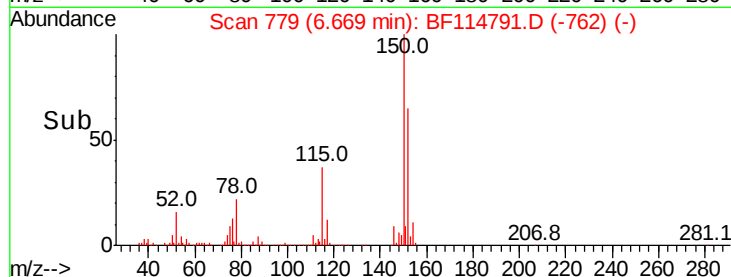
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.67 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:152 Resp: 388057  
Ion Ratio Lower Upper  
152 100  
150 154.1 124.0 186.0  
115 56.4 46.3 69.5



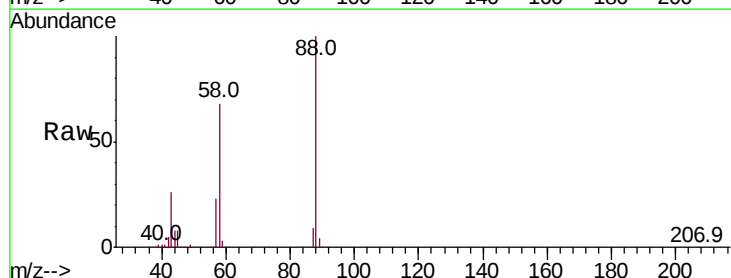
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



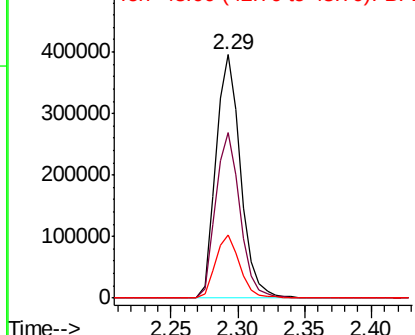
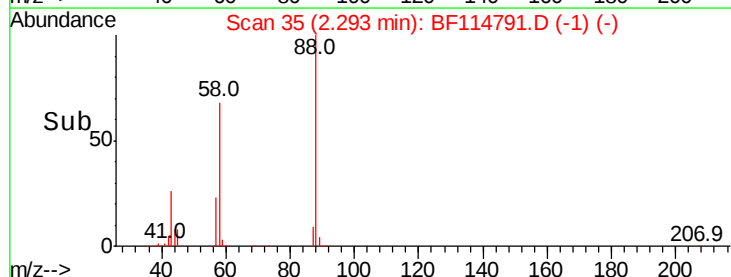
#2

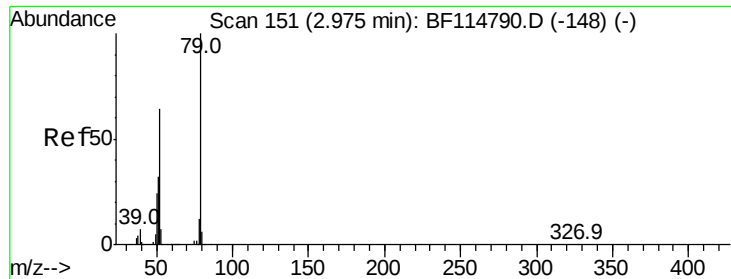
1,4-Dioxane  
Concen: 52.052 ng  
RT: 2.29 min Scan# 35  
Delta R.T. -0.01 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion: 88 Resp: 517348  
Ion Ratio Lower Upper  
88 100  
58 67.8 53.8 80.8  
43 25.8 20.7 31.1



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: 50.102 ng

RT: 2.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

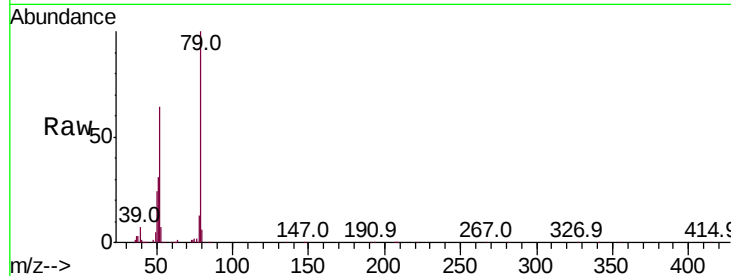
BNA\_F

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 1391867

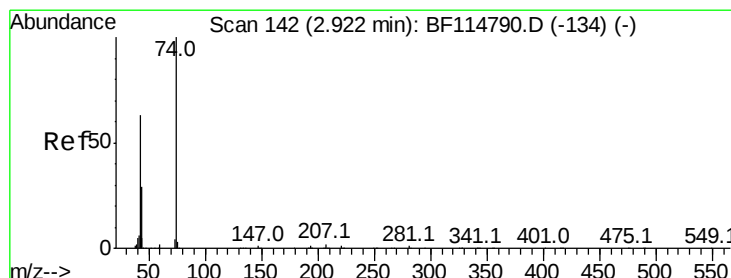
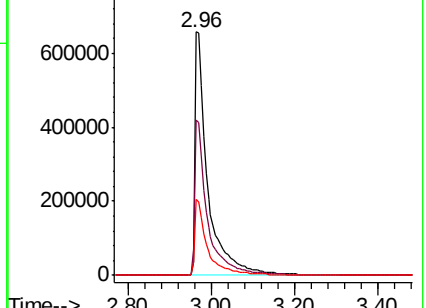
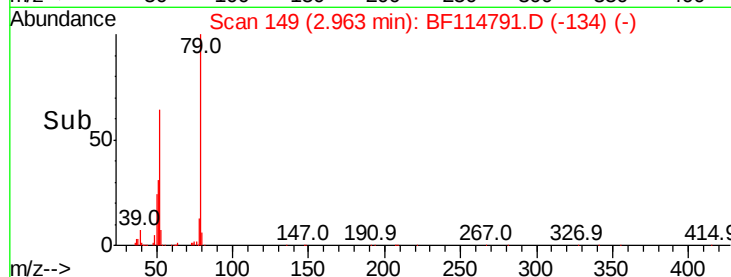
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 64.0  | 51.0  | 76.4  |
| 51  | 31.3  | 25.7  | 38.5  |



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: 50.495 ng

RT: 2.92 min Scan# 141

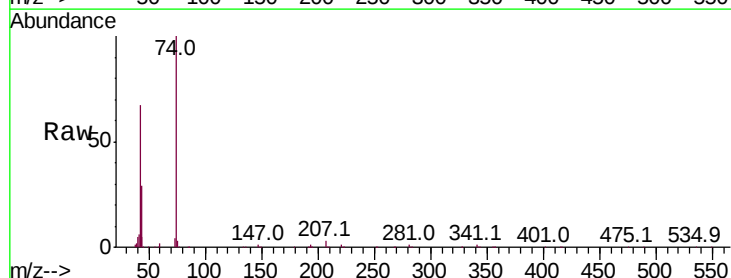
Delta R.T. -0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Tgt Ion: 42 Resp: 524024

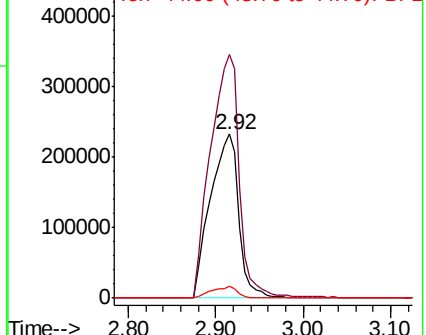
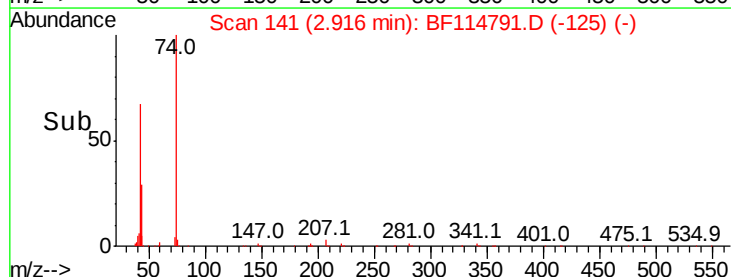
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 148.7 | 126.2 | 189.2 |
| 44  | 6.9   | 5.9   | 8.9   |

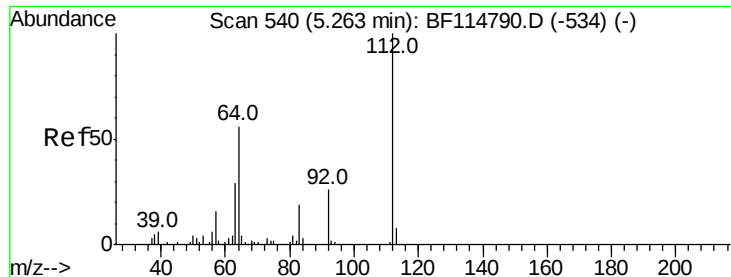


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.341 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

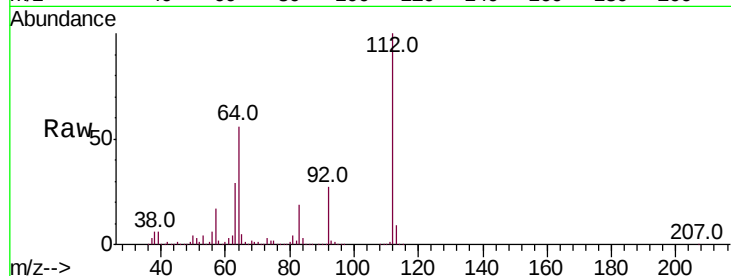
Tot Ion:112 Resp: 2141267

Ion Ratio Lower Upper

112 100

64 55.6 44.6 66.8

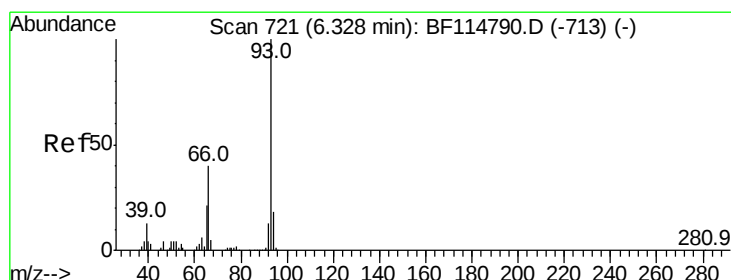
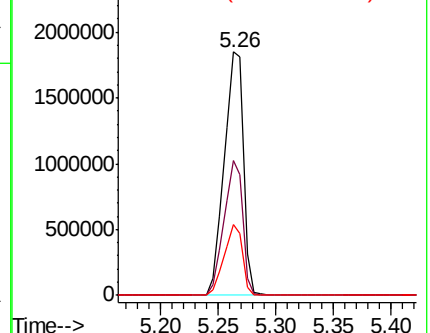
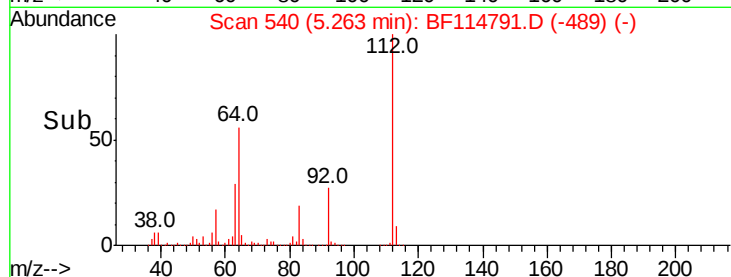
63 28.9 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 49.992 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

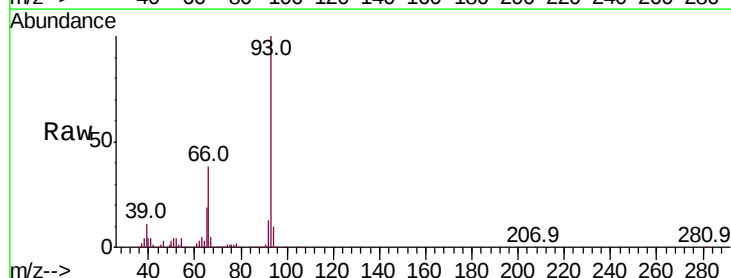
Tgt Ion: 93 Resp: 1846824

Ion Ratio Lower Upper

93 100

66 37.8 32.8 49.2

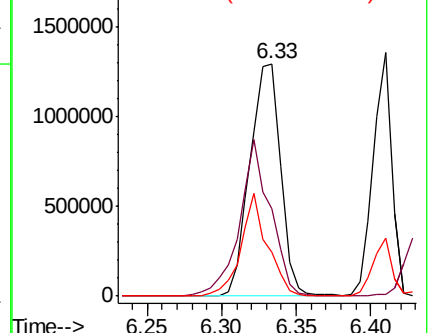
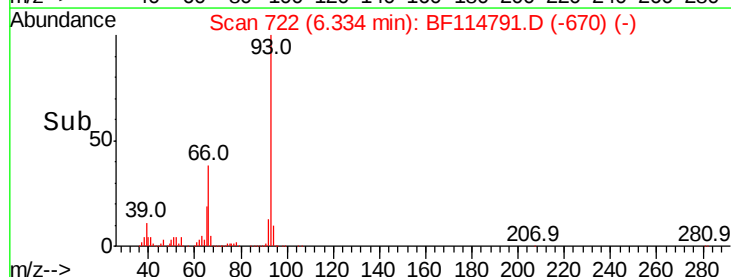
65 19.0 16.9 25.3

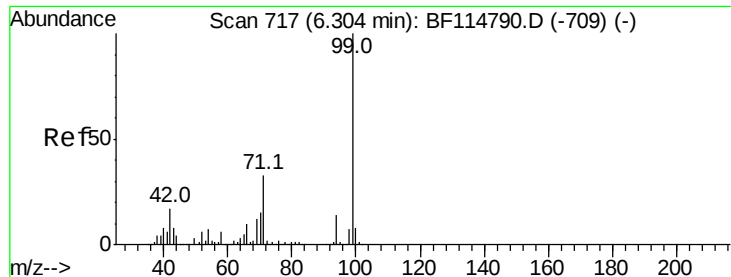


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.301 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

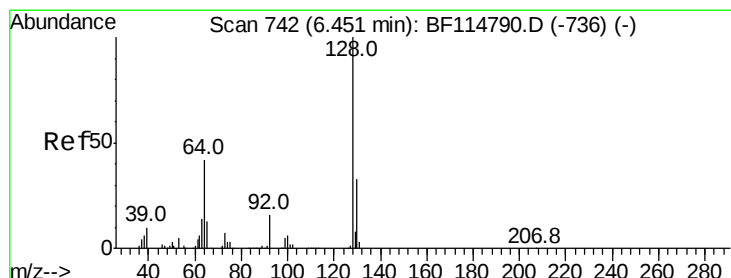
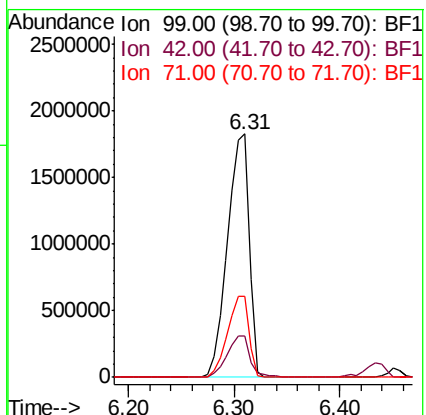
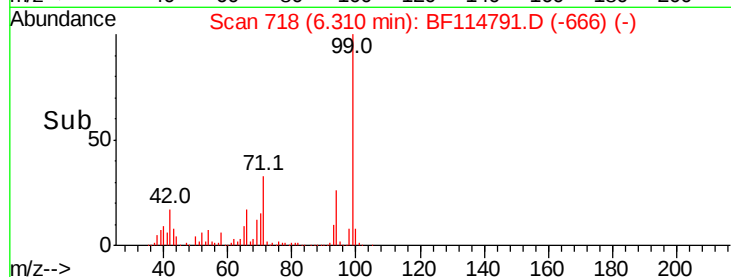
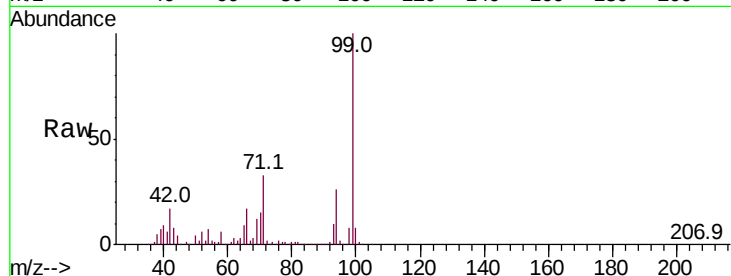
Tot Ion: 99 Resp: 2589595

Ion Ratio Lower Upper

99 100

42 16.9 13.3 19.9

71 33.1 26.3 39.5



#8

2-Chlorophenol

Concen: 50.265 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

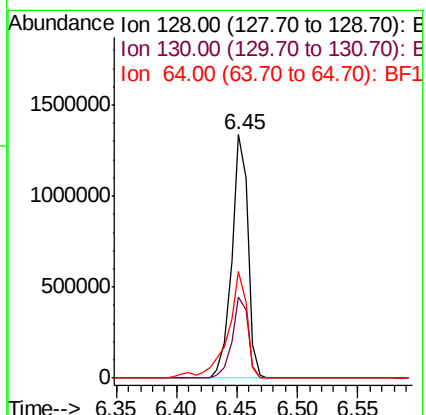
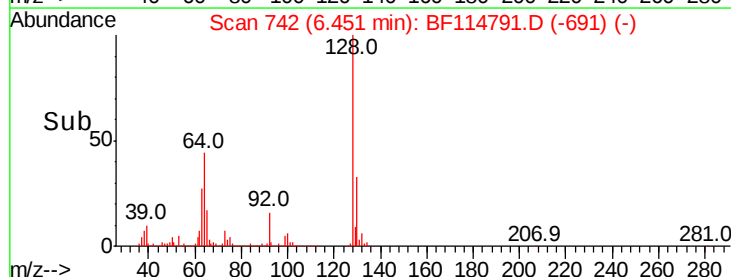
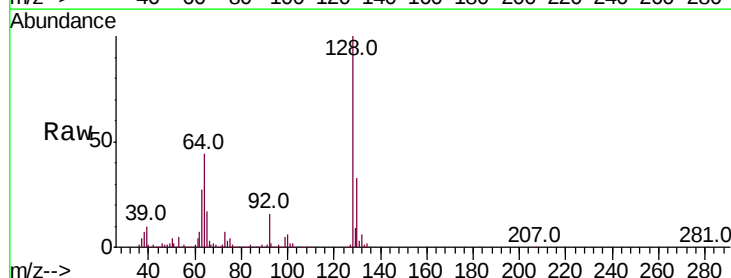
Tgt Ion:128 Resp: 1244876

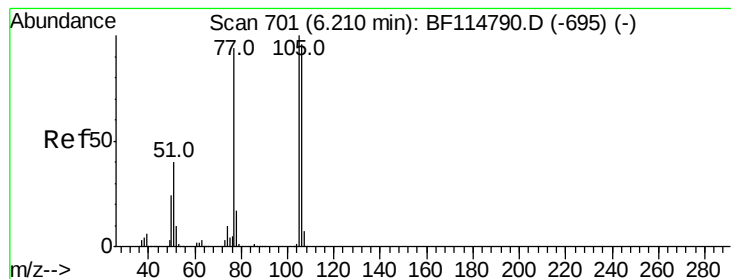
Ion Ratio Lower Upper

128 100

130 33.3 12.7 52.7

64 43.8 22.5 62.5





#9

Benzaldehyde

Concen: 61.051 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

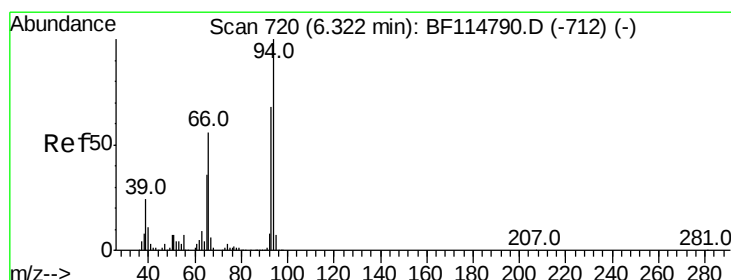
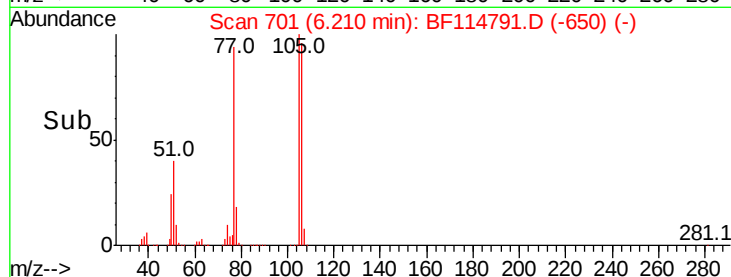
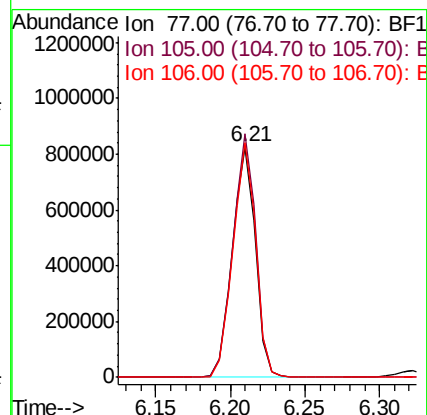
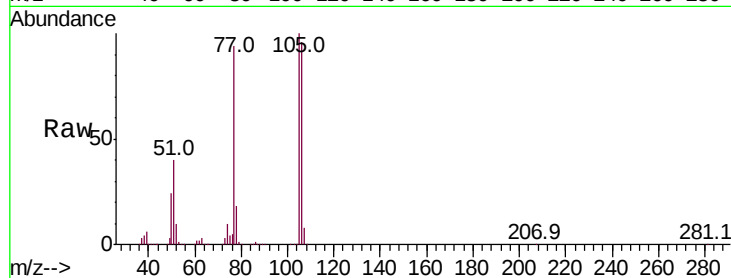
Tot Ion: 77 Resp: 908891

Ion Ratio Lower Upper

77 100

105 106.0 85.8 125.8

106 102.0 81.6 121.6



#10

Phenol

Concen: 49.865 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

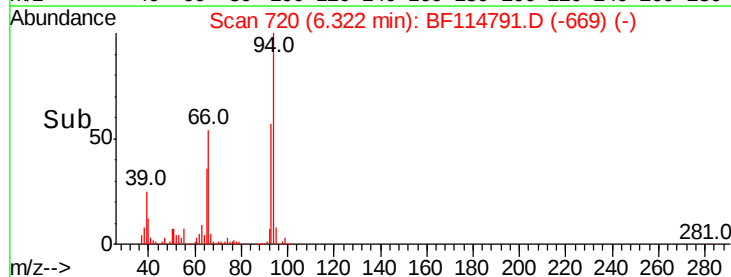
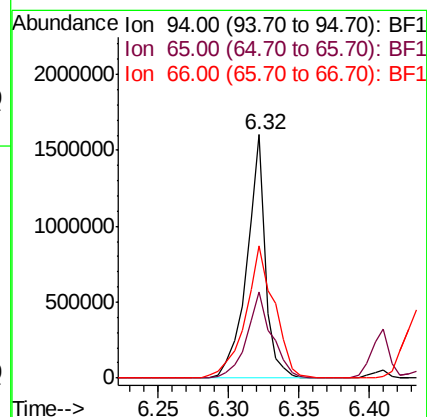
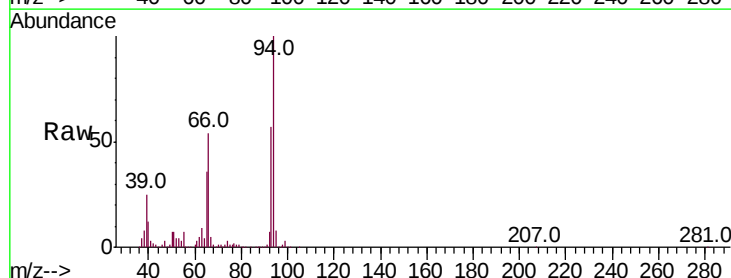
Tgt Ion: 94 Resp: 1469760

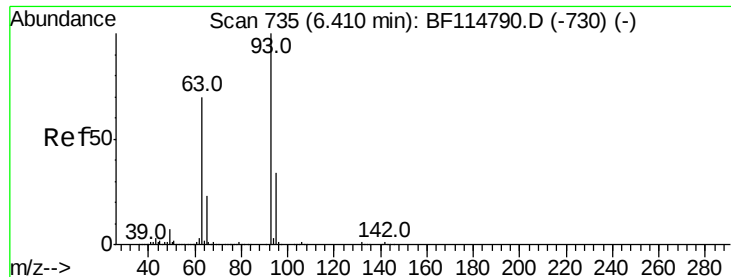
Ion Ratio Lower Upper

94 100

65 35.5 16.1 56.1

66 54.4 36.3 76.3





#11

bis(2-Chloroethyl)ether

Concen: 50.159 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

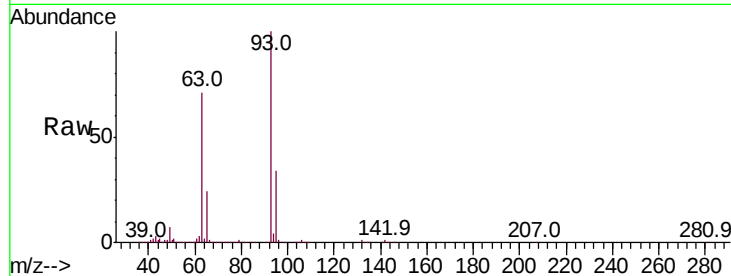
Tot Ion: 93 Resp: 1164425

Ion Ratio Lower Upper

93 100

63 70.7 49.6 89.6

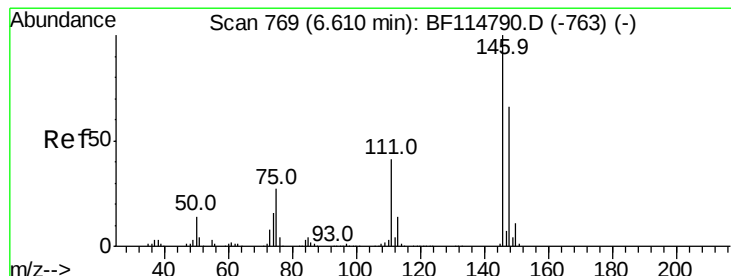
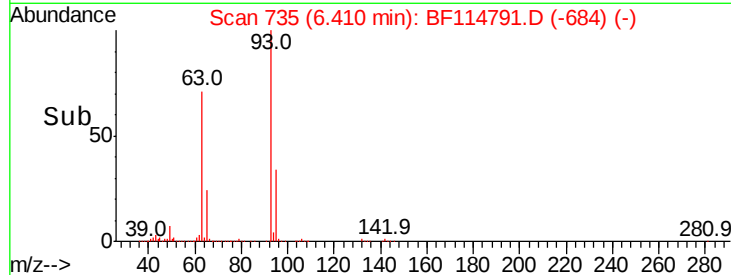
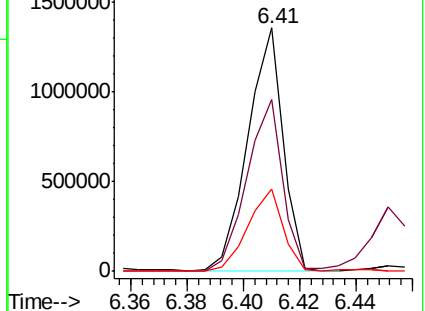
95 33.7 13.6 53.6



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: 50.400 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

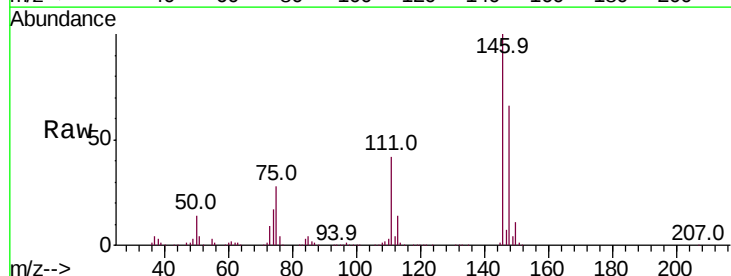
Tgt Ion: 146 Resp: 1443429

Ion Ratio Lower Upper

146 100

148 66.3 52.7 79.1

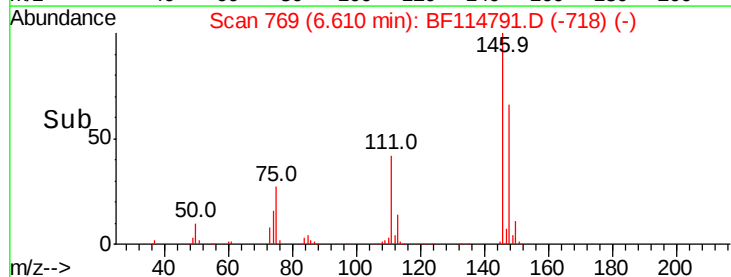
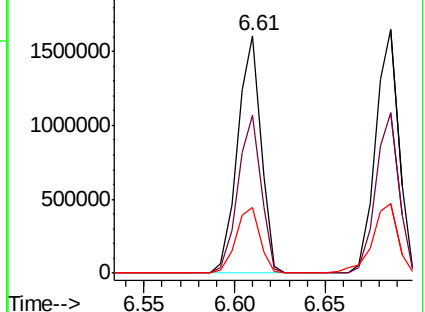
75 27.9 22.0 33.0

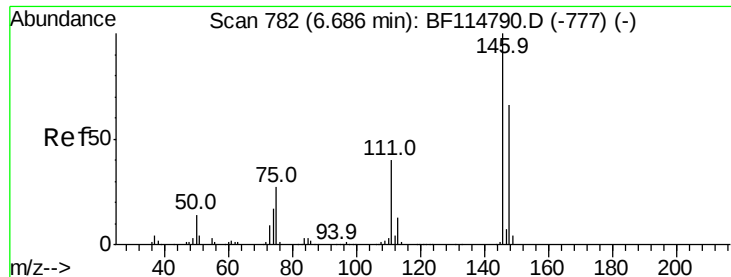


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

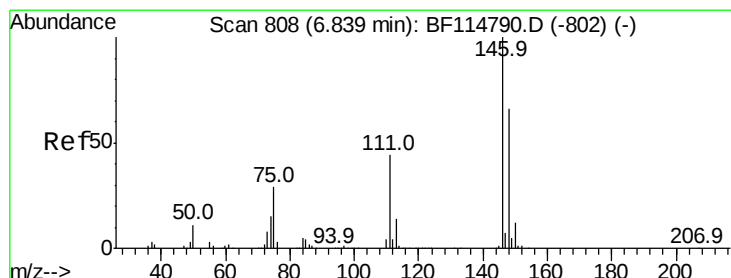
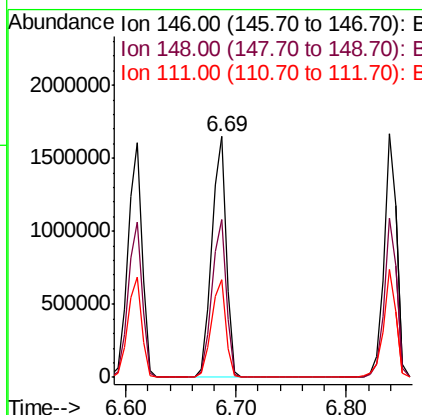
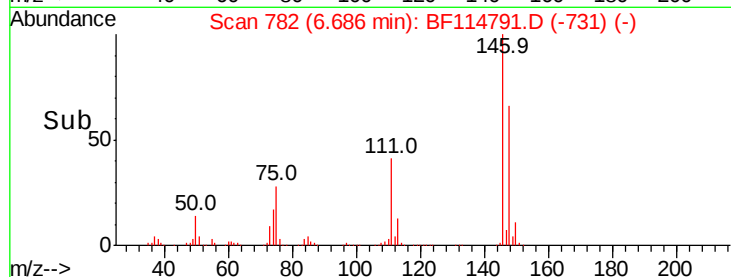
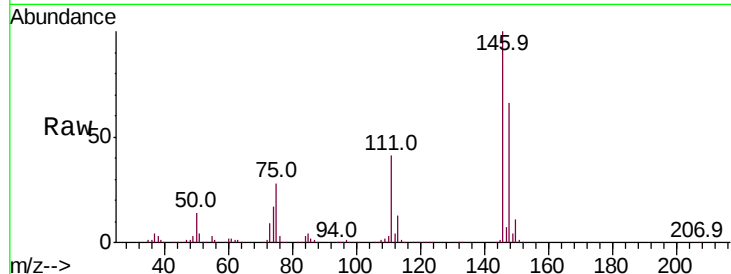




#13  
1,4-Dichlorobenzene  
Concen: 50.650 ng  
RT: 6.69 min Scan# 782  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

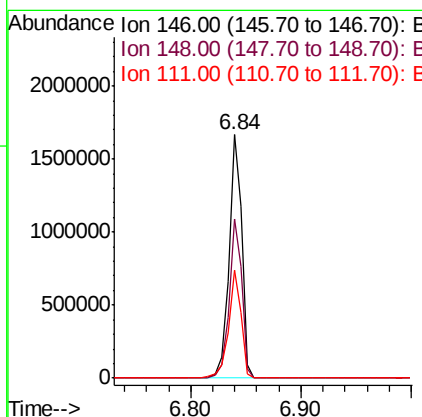
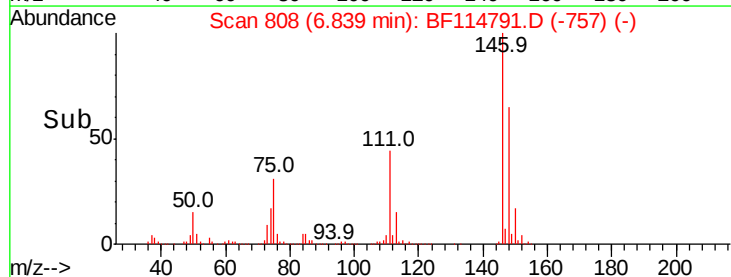
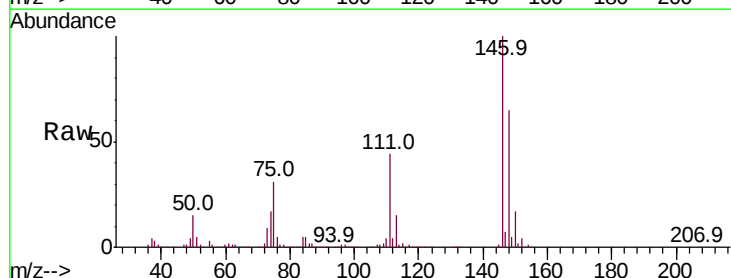
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

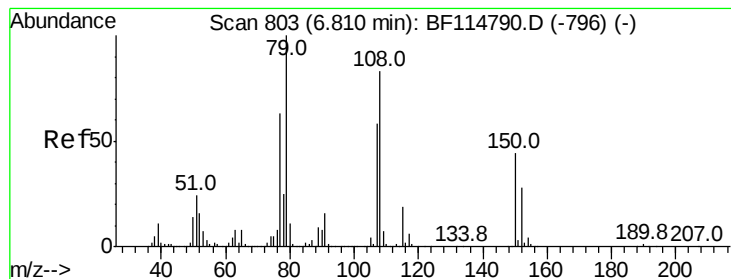
Tot Ion:146 Resp: 1461251  
Ion Ratio Lower Upper  
146 100  
148 65.7 53.0 79.4  
111 40.6 32.2 48.4



#14  
1,2-Dichlorobenzene  
Concen: 51.289 ng  
RT: 6.84 min Scan# 808  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:146 Resp: 1335835  
Ion Ratio Lower Upper  
146 100  
148 65.3 52.5 78.7  
111 44.1 34.8 52.2





#15

Benzyl Alcohol

Concen: 51.252 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

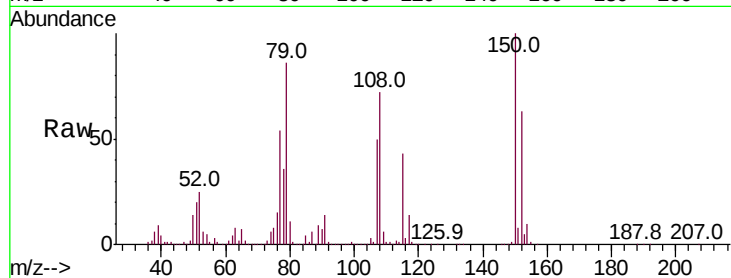
Tot Ion: 79 Resp: 1006642

Ion Ratio Lower Upper

79 100

108 83.0 66.8 100.2

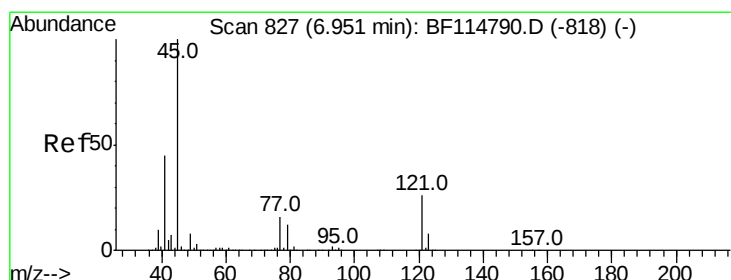
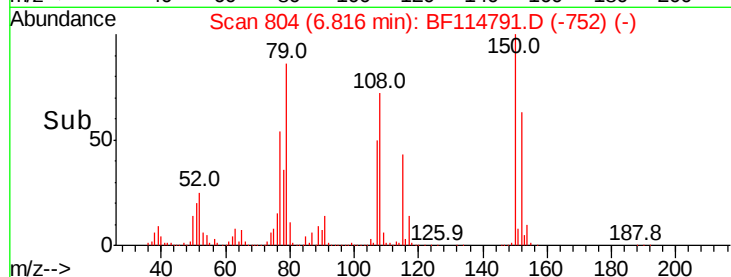
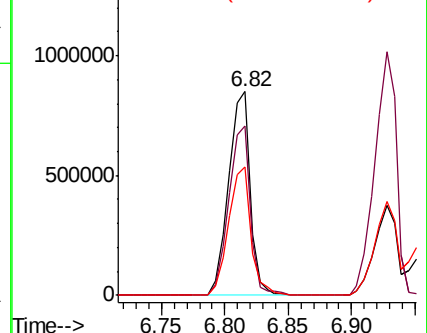
77 62.9 50.6 76.0



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: 50.019 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

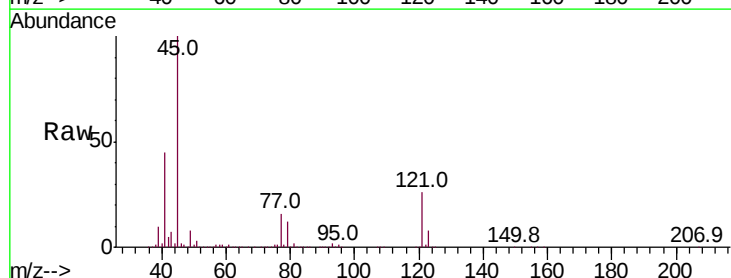
Tgt Ion: 45 Resp: 1677603

Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.8

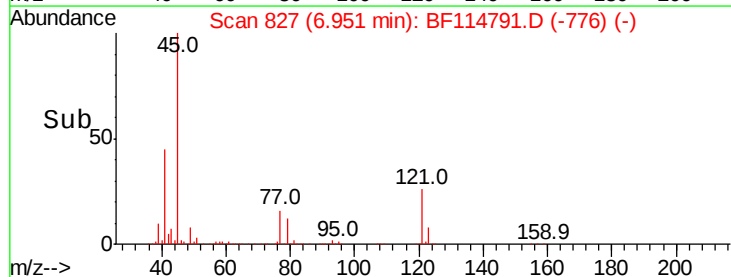
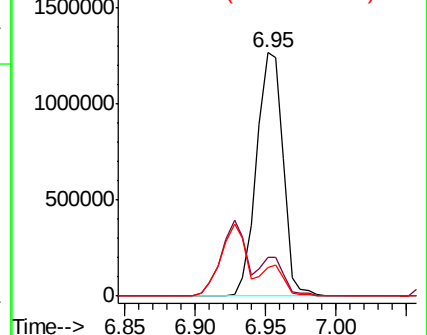
79 12.0 0.0 32.0

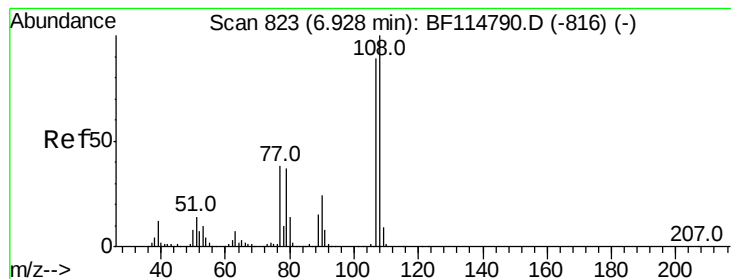


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 50.430 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion:107 Resp: 1062583

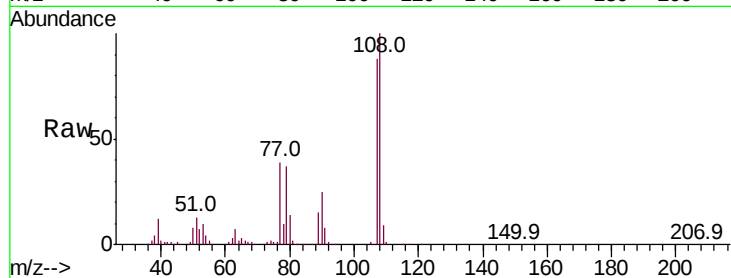
Ion Ratio Lower Upper

107 100

108 113.8 90.2 135.2

77 44.1 34.5 51.7

79 42.1 33.8 50.6

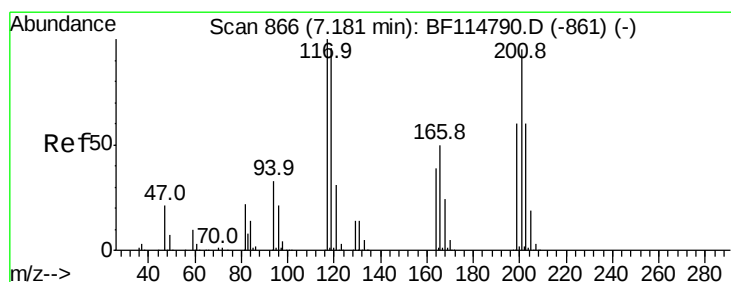
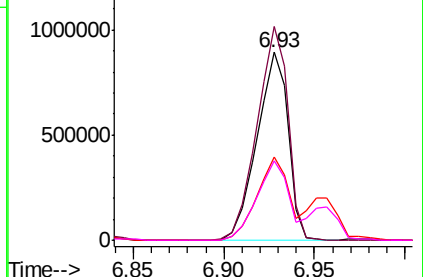
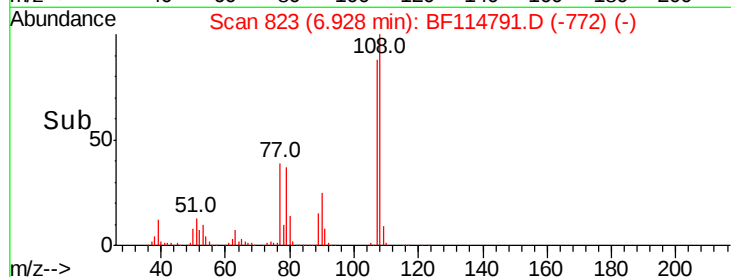


Abundance Ion 107.00 (106.70 to 107.70): E

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: 50.691 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

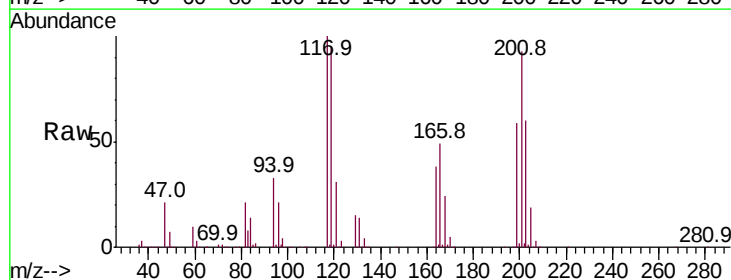
Tgt Ion:117 Resp: 550794

Ion Ratio Lower Upper

117 100

119 95.0 77.0 115.4

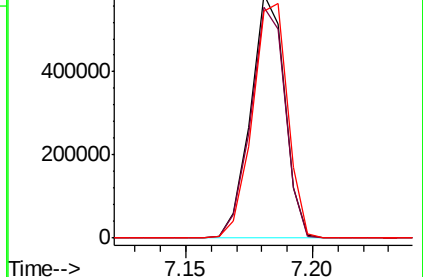
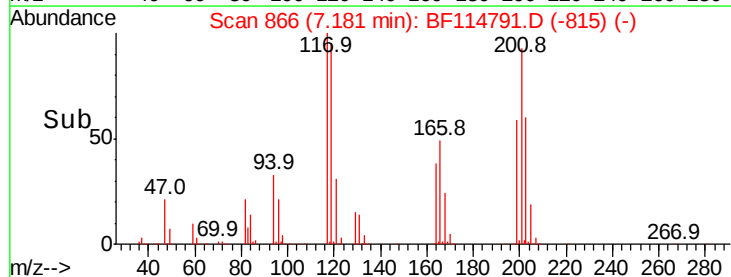
201 93.3 76.0 114.0

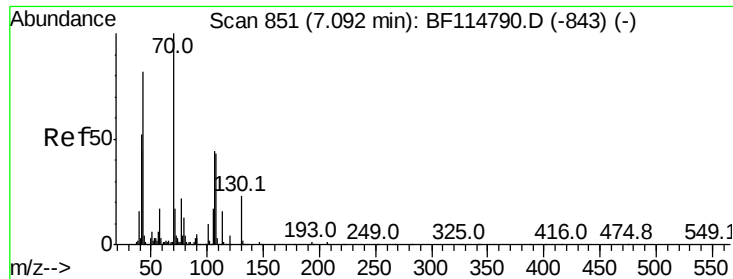


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

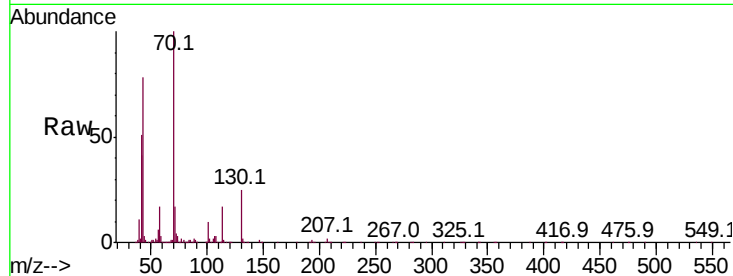




#19  
n-Nitroso-di-n-propylamine  
Concen: 49.650 ng  
RT: 7.10 min Scan# 852  
Delta R.T. 0.01 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 855751 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 51.5  | 41.8  | 62.8   |
| 101      | 10.4  | 8.2   | 12.4   |
| 130      | 25.3  | 18.5  | 27.7   |



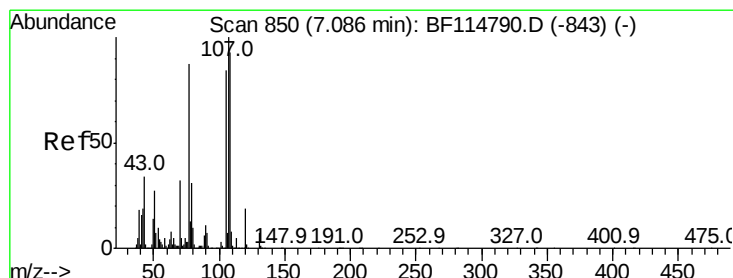
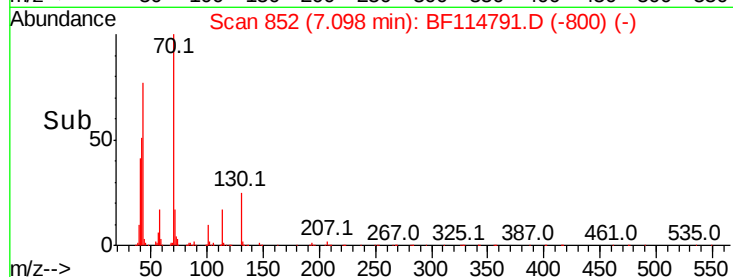
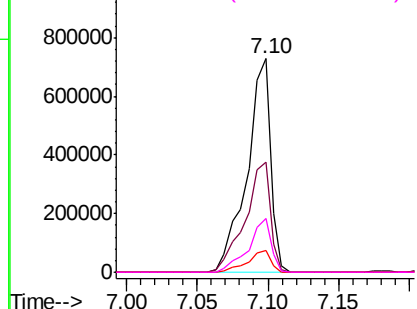
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

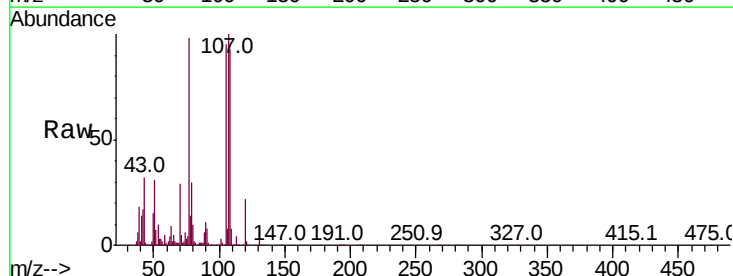
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20  
3+4-Methylphenols  
Concen: 49.050 ng  
RT: 7.09 min Scan# 850  
Delta R.T. -0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1142694 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 93.2  | 73.5  | 113.5   |
| 77       | 97.7  | 67.2  | 107.2   |
| 79       | 30.2  | 10.6  | 50.6    |



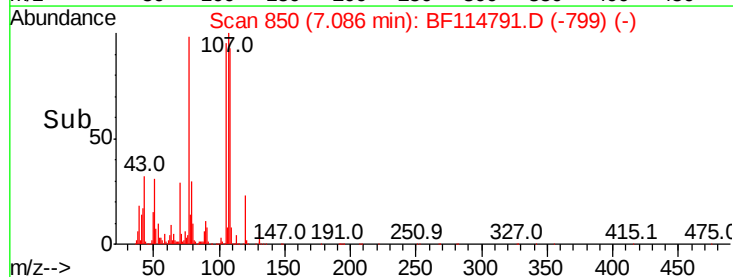
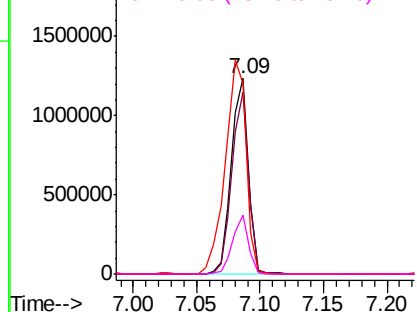
Abundance

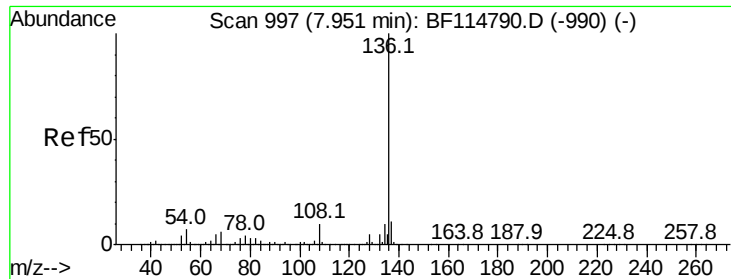
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

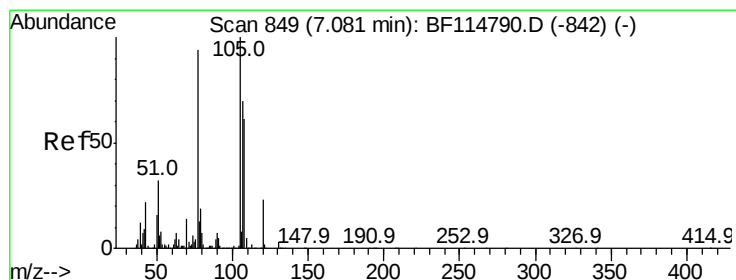
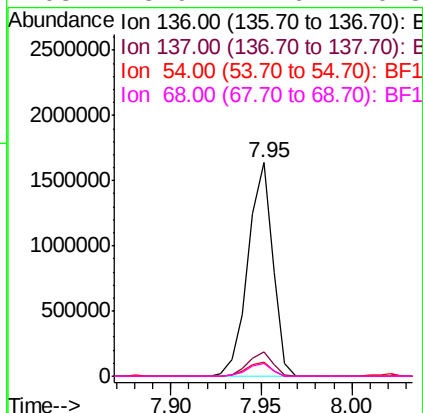
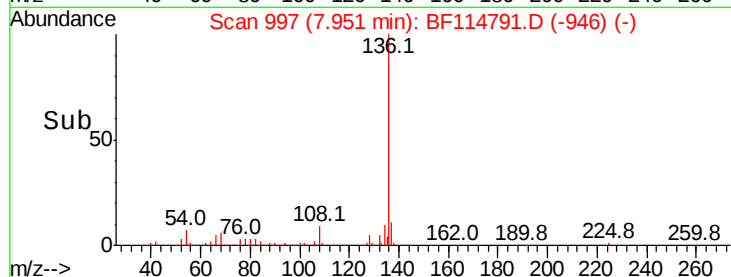
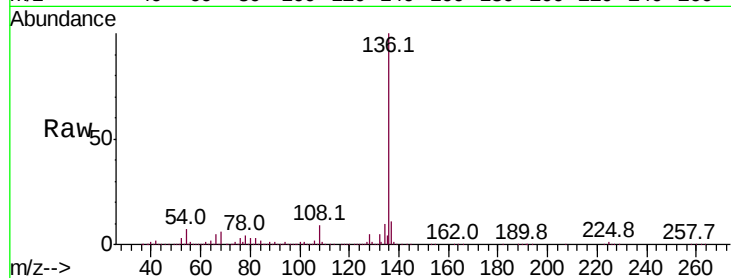




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.95 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

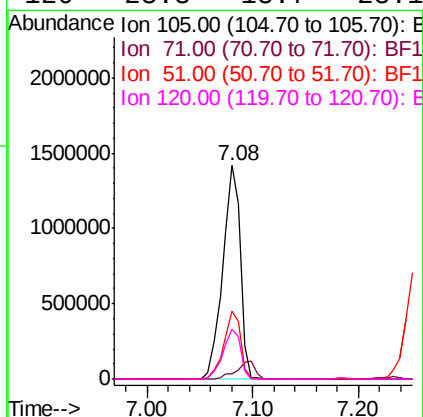
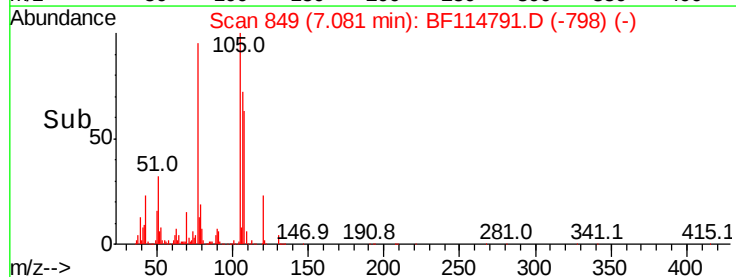
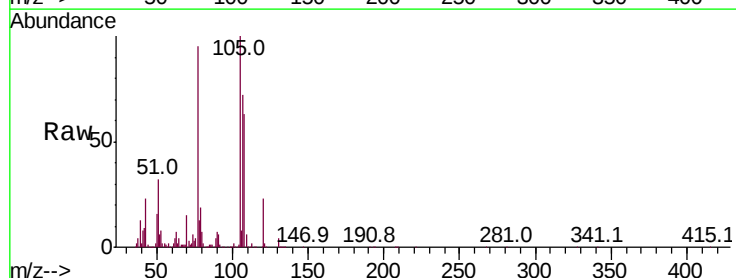
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

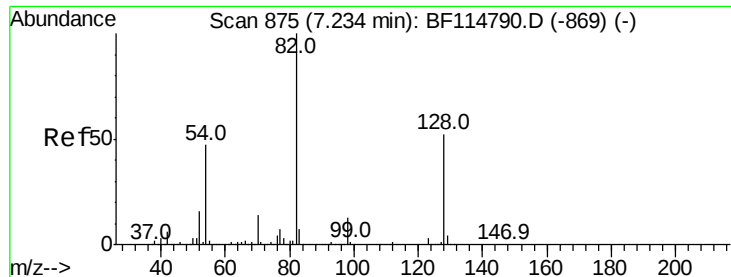
|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1557381 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 11.4    | 9.1 13.7      |
| 54 6.6      | 5.4 8.0       |
| 68 5.9      | 4.6 6.8       |



#22  
Acetophenone  
Concen: 49.786 ng  
RT: 7.08 min Scan# 849  
Delta R.T. -0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 1642355 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 2.6     | 2.0   | 3.0     |
| 51  | 31.9    | 25.4  | 38.0    |
| 120 | 23.3    | 18.7  | 28.1    |

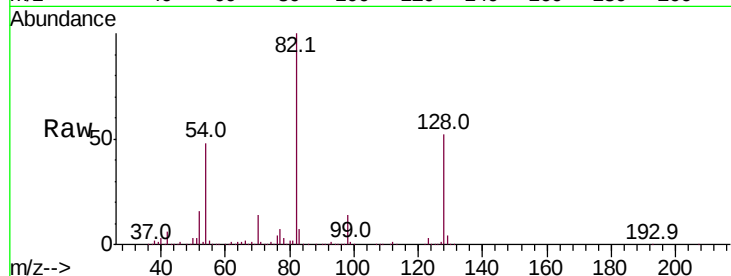




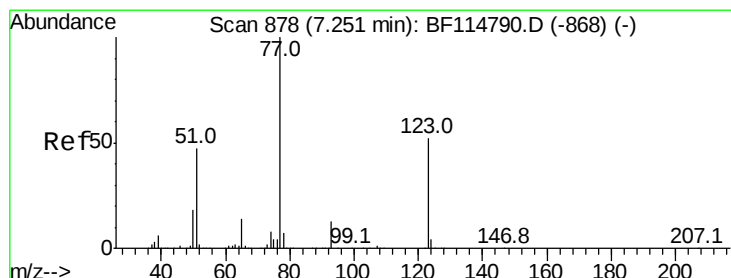
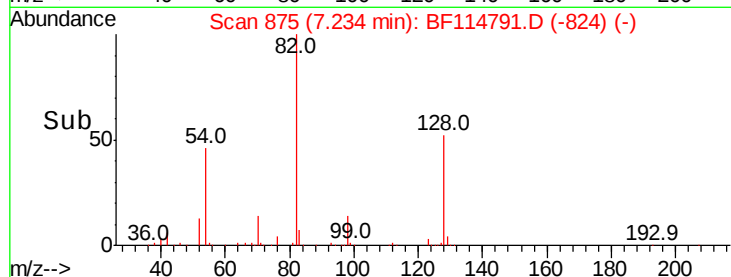
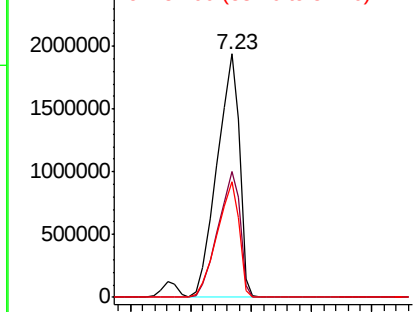
#23  
 Nitrobenzene-d5  
 Concen: 101.240 ng  
 RT: 7.23 min Scan# 875  
 Delta R.T. -0.00 min  
 Lab File: BF114791.D  
 Acq: 4 Jun 2019 12:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion: 82 Resp: 2470232  
 Ion Ratio Lower Upper  
 82 100  
 128 51.9 41.8 62.6  
 54 47.6 37.9 56.9

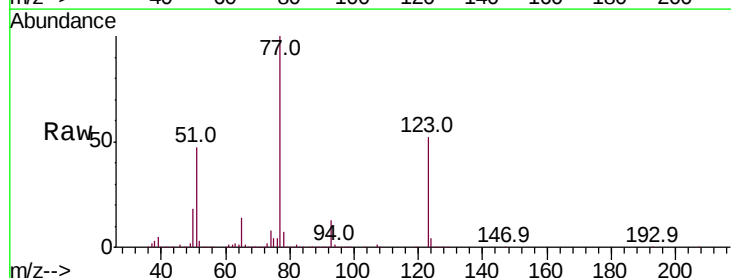


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

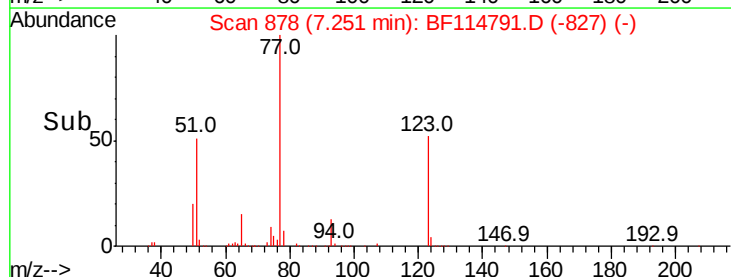
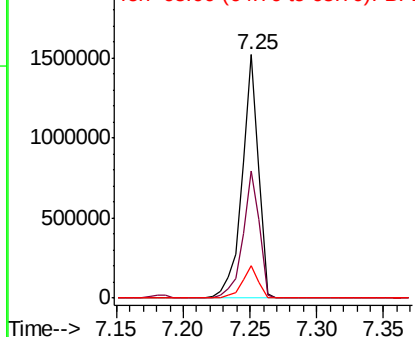


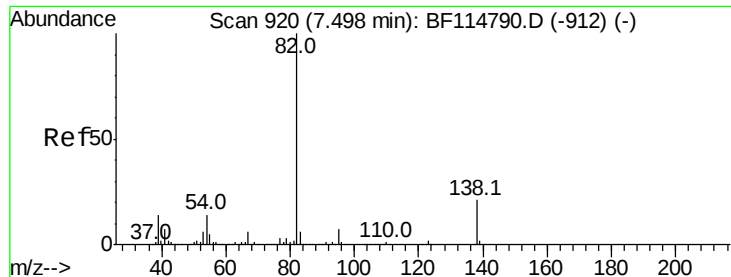
#24  
 Nitrobenzene  
 Concen: 50.865 ng  
 RT: 7.25 min Scan# 878  
 Delta R.T. 0.00 min  
 Lab File: BF114791.D  
 Acq: 4 Jun 2019 12:50

Tgt Ion: 77 Resp: 1288171  
 Ion Ratio Lower Upper  
 77 100  
 123 52.2 41.5 62.3  
 65 13.5 10.8 16.2



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: 48.970 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

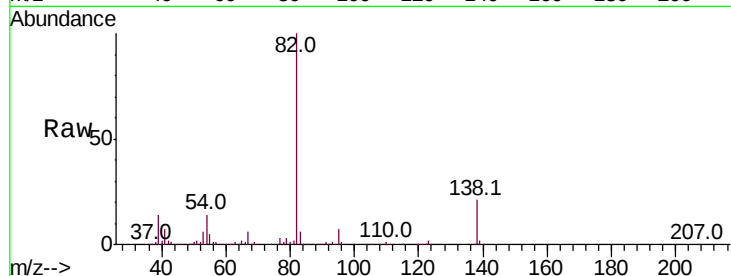
Tot Ion: 82 Resp: 2382555

Ion Ratio Lower Upper

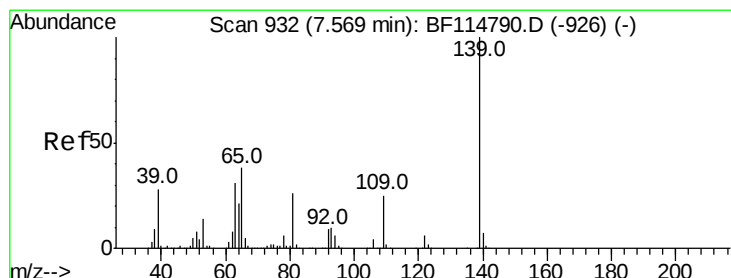
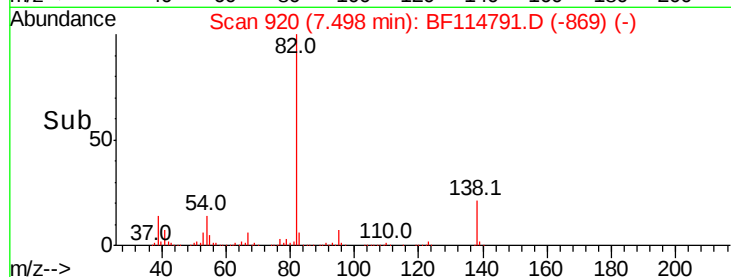
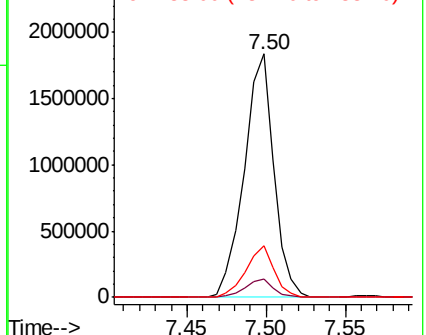
82 100

95 7.3 5.8 8.8

138 21.2 16.9 25.3



Abundance Ion 82.00 (81.70 to 82.70): BF1  
2500000  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 51.664 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

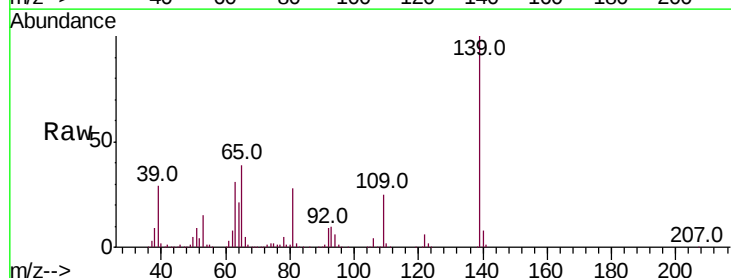
Tgt Ion:139 Resp: 708033

Ion Ratio Lower Upper

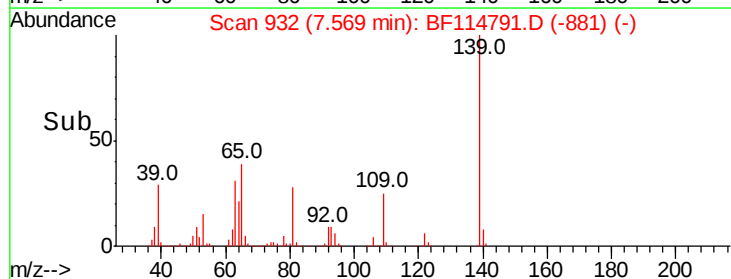
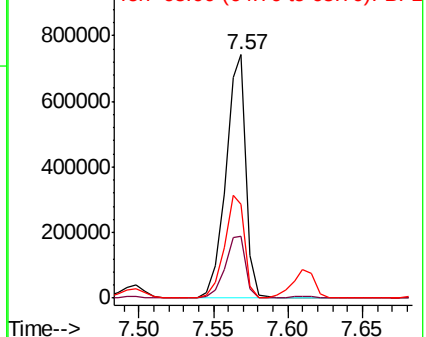
139 100

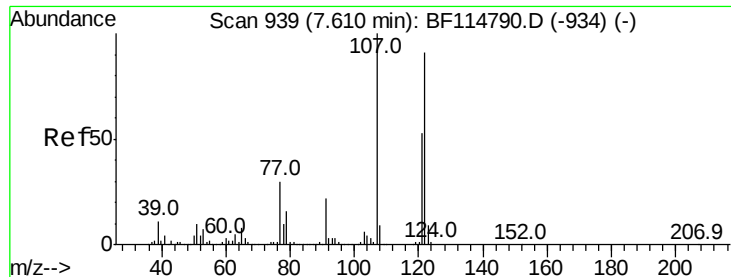
109 25.4 20.4 30.6

65 38.7 30.5 45.7



Abundance Ion 139.00 (138.70 to 139.70): E  
1000000  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.292 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

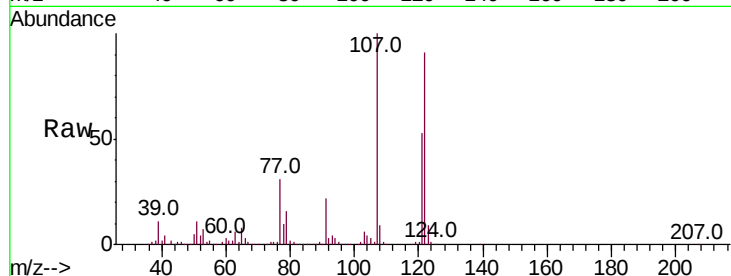
Tot Ion:122 Resp: 1055979

Ion Ratio Lower Upper

122 100

107 110.0 87.9 131.9

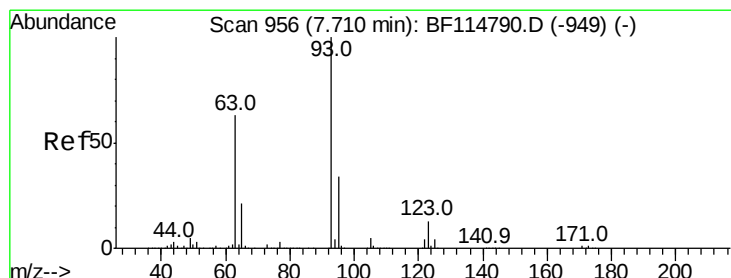
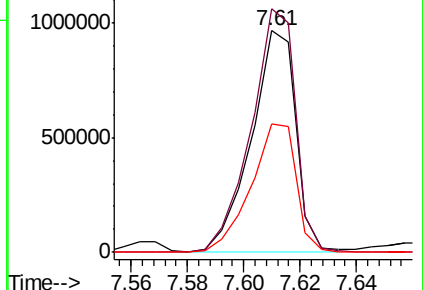
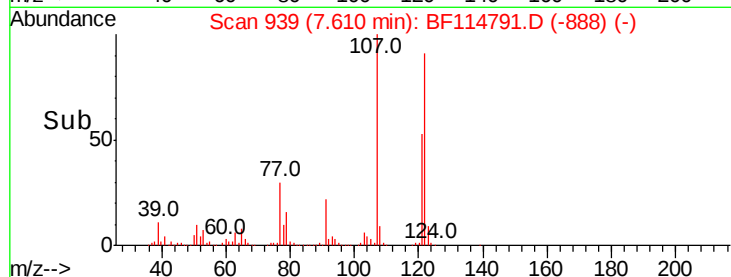
121 58.1 46.4 69.6



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: 49.561 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

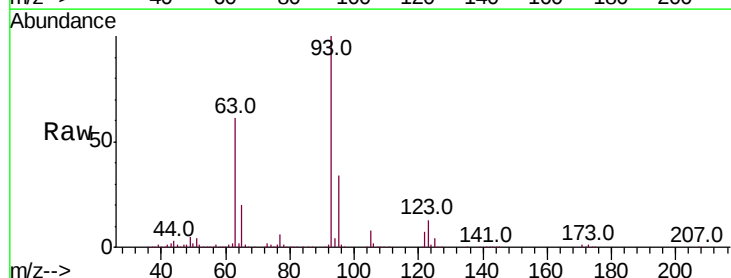
Tgt Ion: 93 Resp: 1548454

Ion Ratio Lower Upper

93 100

95 34.0 26.9 40.3

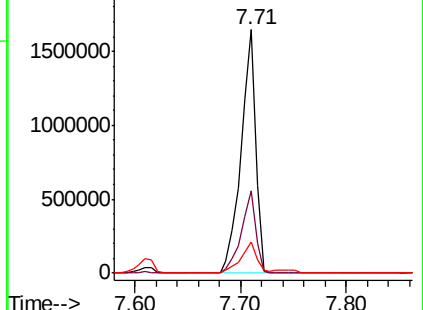
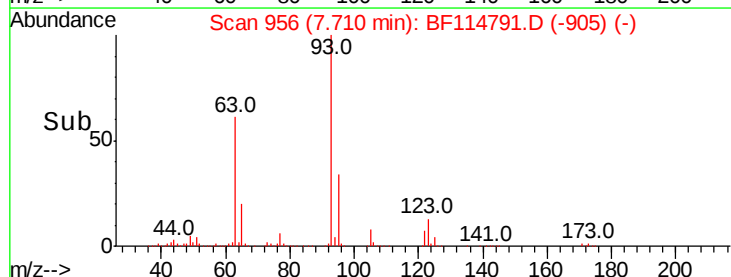
123 12.8 10.4 15.6

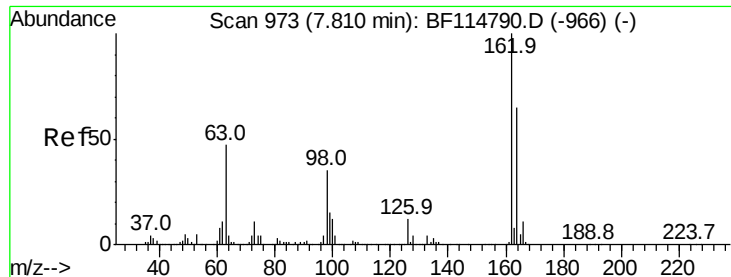


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

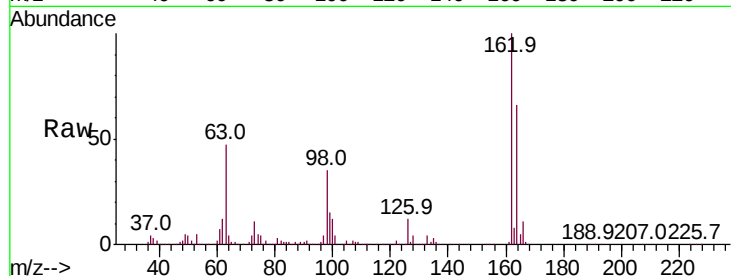




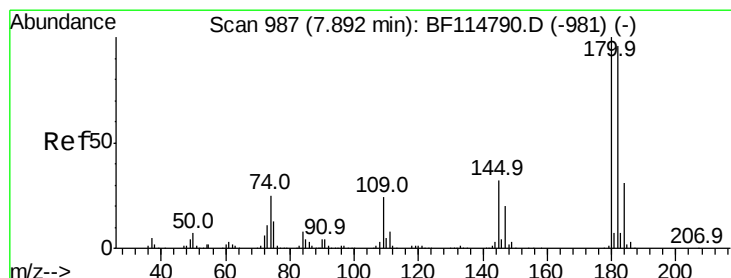
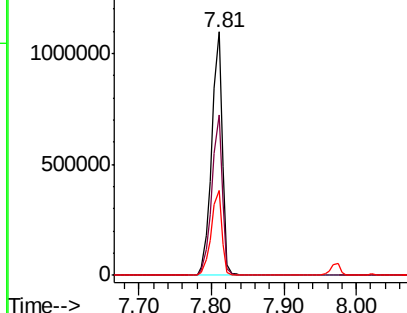
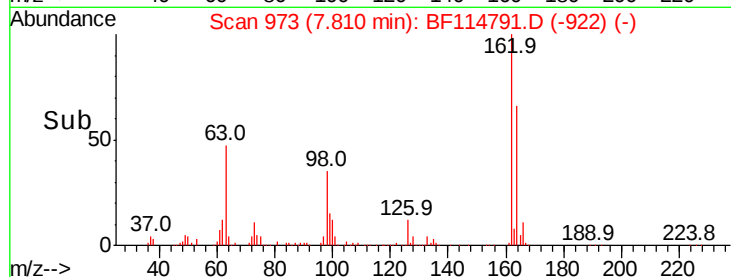
#29  
2,4-Dichlorophenol  
Concen: 50.460 ng  
RT: 7.81 min Scan# 973  
Delta R.T. -0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC050

Tot Ion:162 Resp: 1116516  
Ion Ratio Lower Upper  
162 100  
164 65.9 45.1 85.1  
98 34.9 14.6 54.6

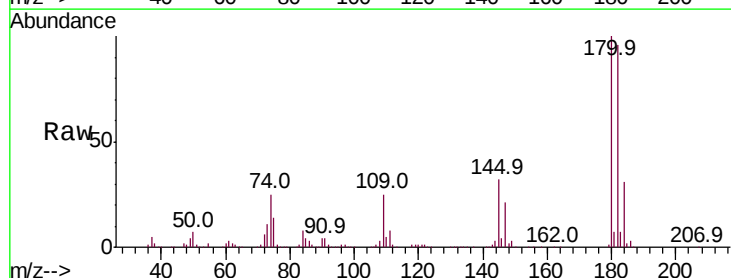


Abundance Ion 162.00 (161.70 to 162.70): E  
1500000 Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

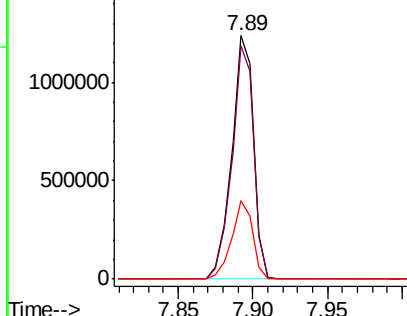
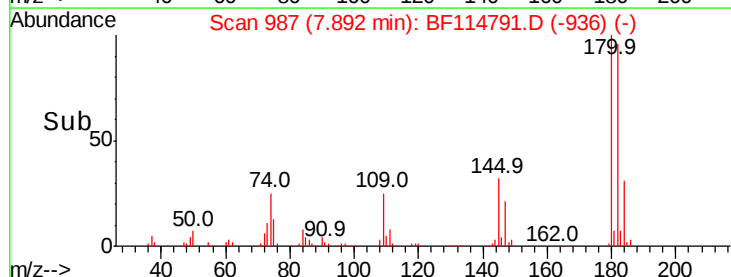


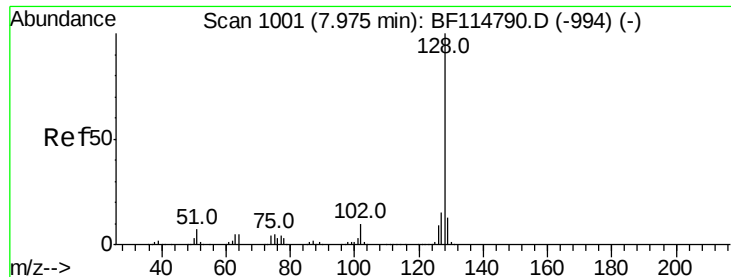
#30  
1,2,4-Trichlorobenzene  
Concen: 50.271 ng  
RT: 7.89 min Scan# 987  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:180 Resp: 1271675  
Ion Ratio Lower Upper  
180 100  
182 96.1 76.5 114.7  
145 32.1 25.8 38.8



Abundance Ion 180.00 (179.70 to 180.70): E  
1500000 Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E

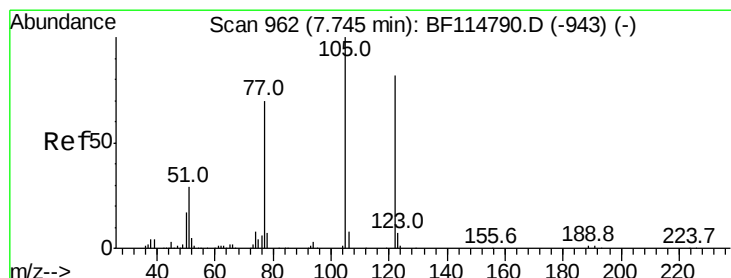
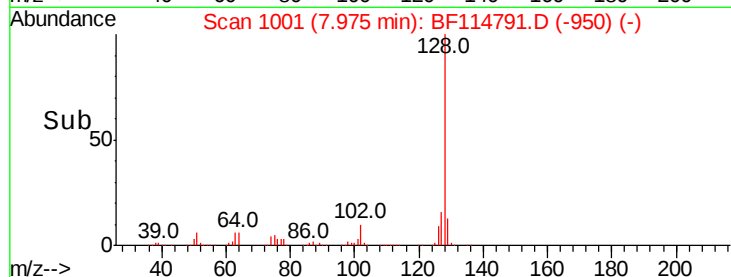
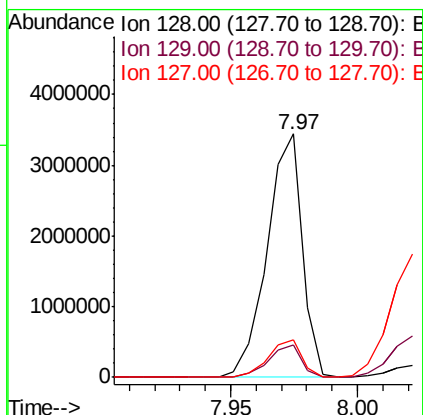
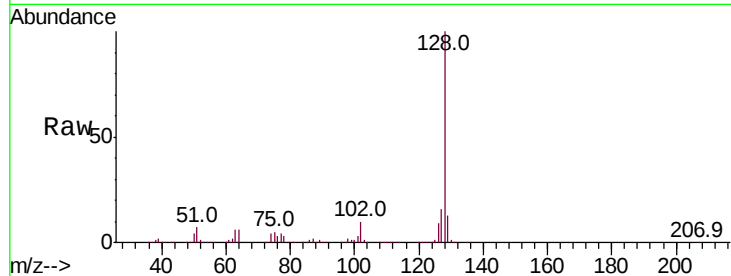




#31  
Naphthalene  
Concen: 49.489 ng  
RT: 7.97 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

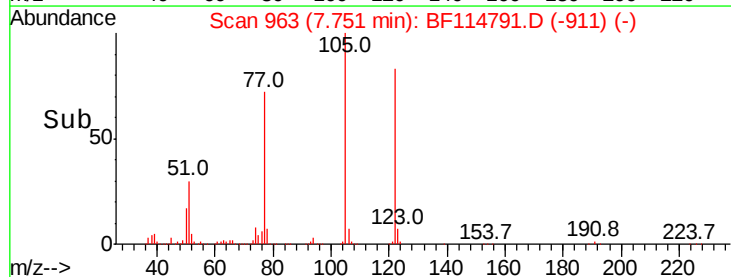
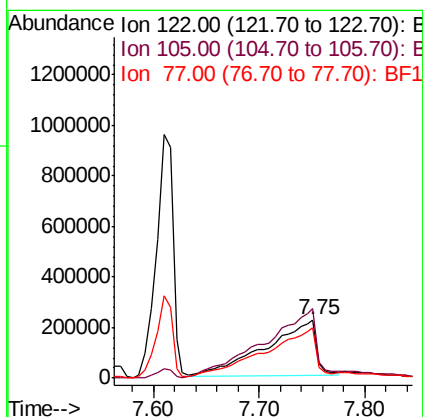
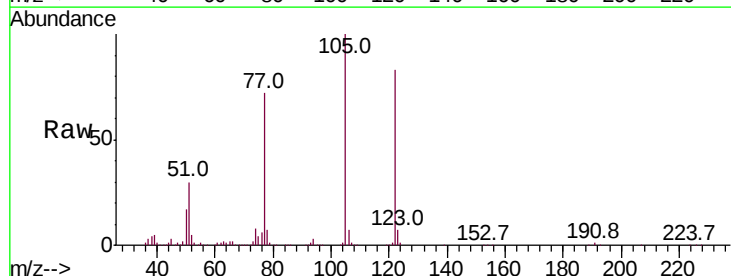
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

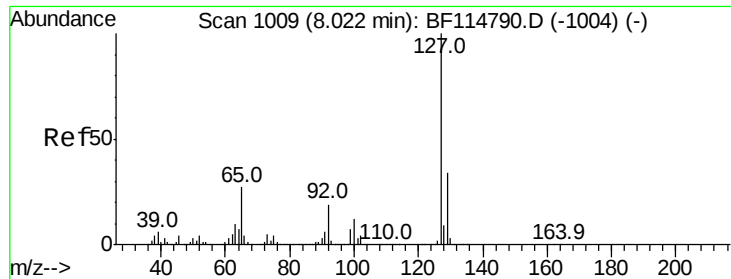
Tot Ion:128 Resp: 3350645  
Ion Ratio Lower Upper  
128 100  
129 13.3 10.0 15.0  
127 15.6 12.2 18.2



#32  
Benzoic acid  
Concen: 48.777 ng  
RT: 7.75 min Scan# 963  
Delta R.T. 0.01 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:122 Resp: 729877  
Ion Ratio Lower Upper  
122 100  
105 120.1 98.7 138.7  
77 86.1 64.8 104.8

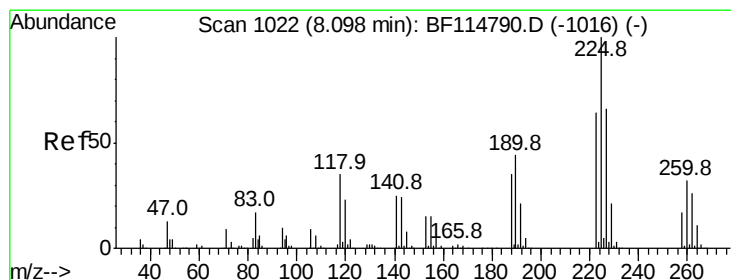
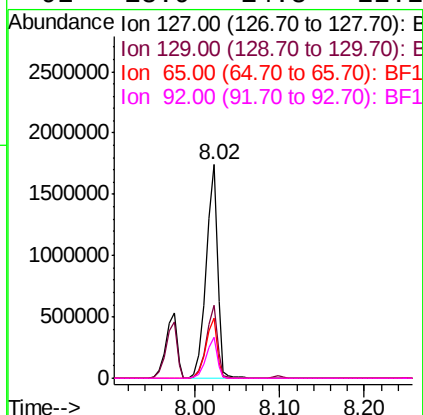
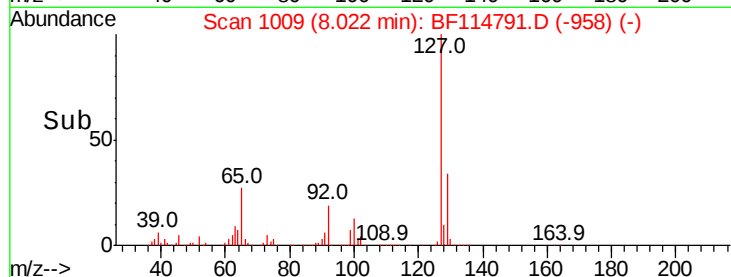
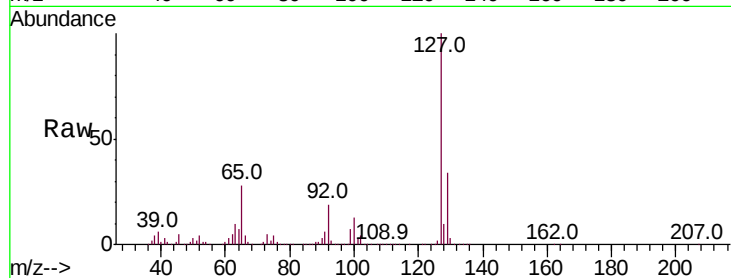




#33  
4-Chloroaniline  
Concen: 49.426 ng  
RT: 8.02 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

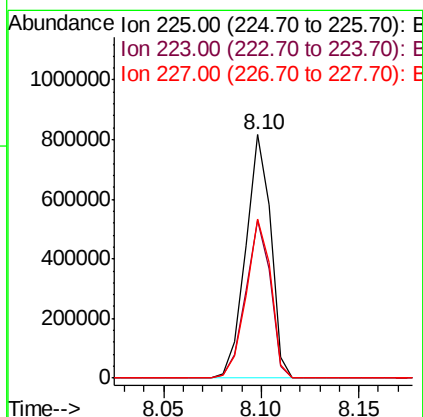
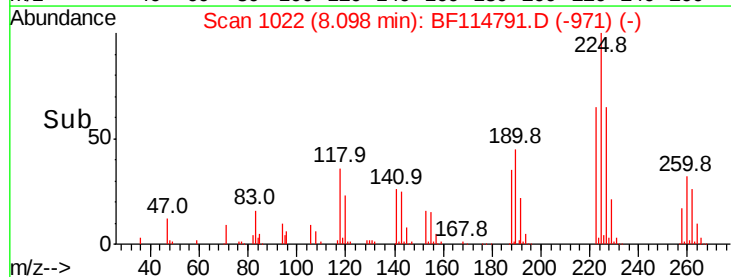
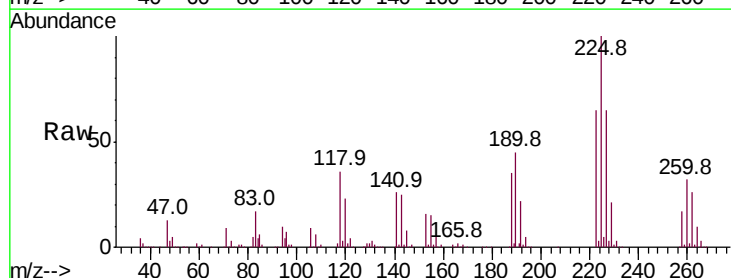
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

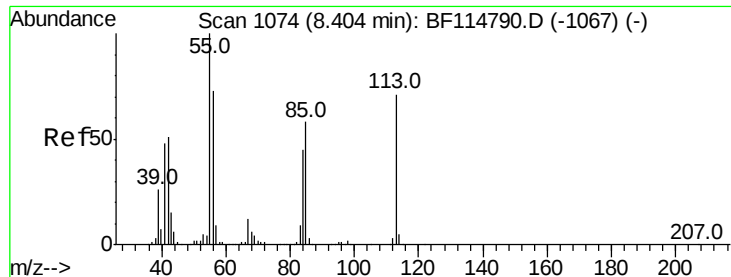
Tot Ion:127 Resp: 1625428  
Ion Ratio Lower Upper  
127 100  
129 34.0 26.9 40.3  
65 27.9 21.7 32.5  
92 18.9 14.8 22.2



#34  
Hexachlorobutadiene  
Concen: 50.312 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:225 Resp: 724557  
Ion Ratio Lower Upper  
225 100  
223 64.9 51.0 76.6  
227 65.4 52.6 78.8





#35

Caprolactam

Concen: 49.338 ng

RT: 8.40 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

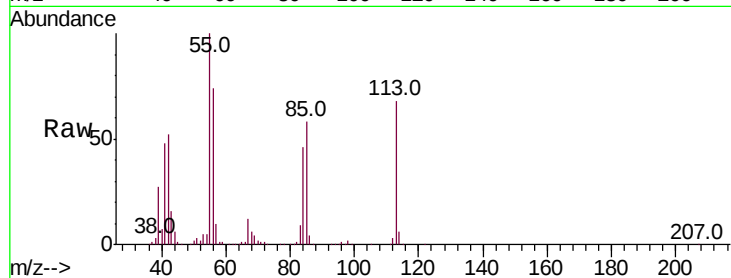
Tot Ion:113 Resp: 351179

Ion Ratio Lower Upper

113 100

55 146.0 121.1 161.1

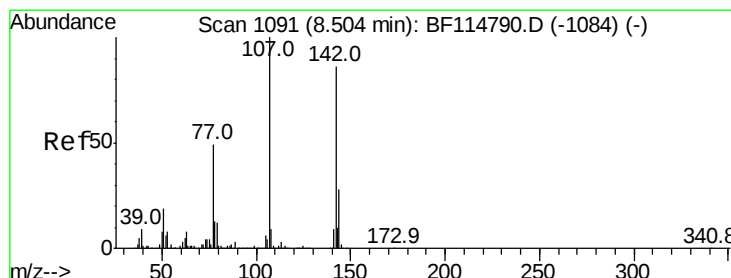
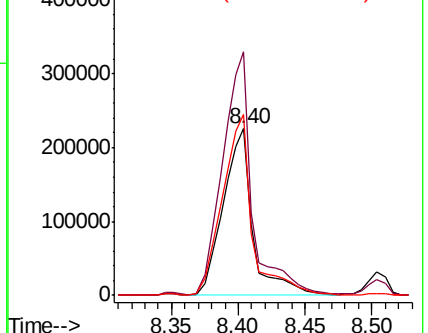
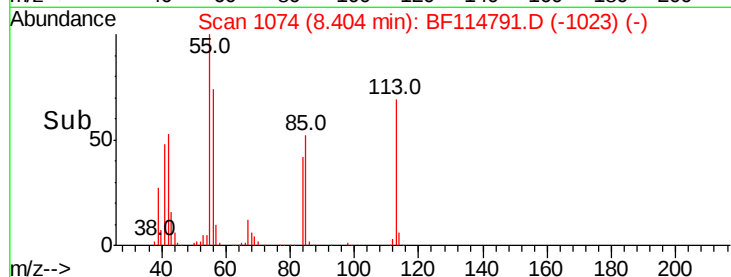
56 108.3 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 50.699 ng

RT: 8.50 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

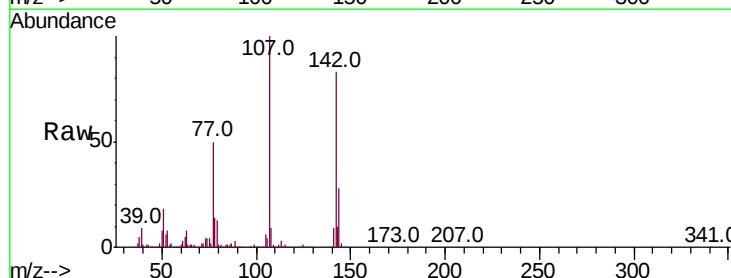
Tgt Ion:107 Resp: 1107975

Ion Ratio Lower Upper

107 100

144 27.6 22.1 33.1

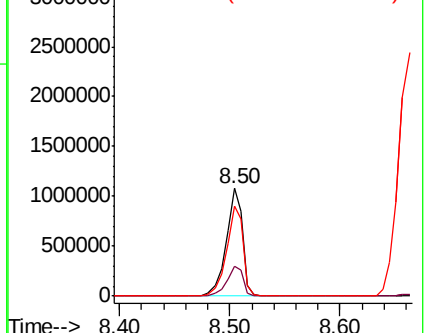
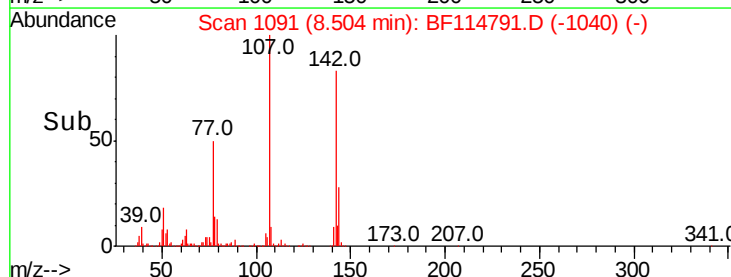
142 83.2 68.4 102.6

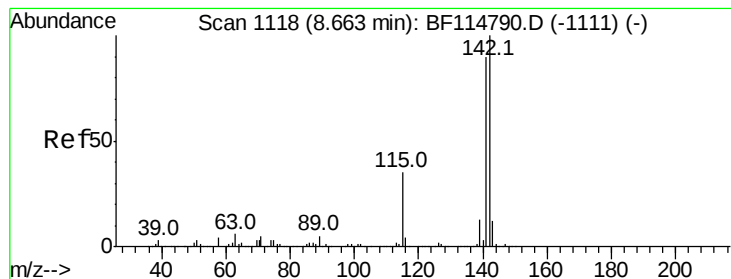


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.643 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

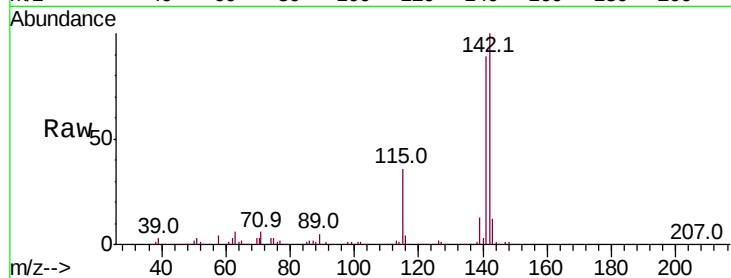
Tot Ion:142 Resp: 2340677

Ion Ratio Lower Upper

142 100

141 89.2 71.6 107.4

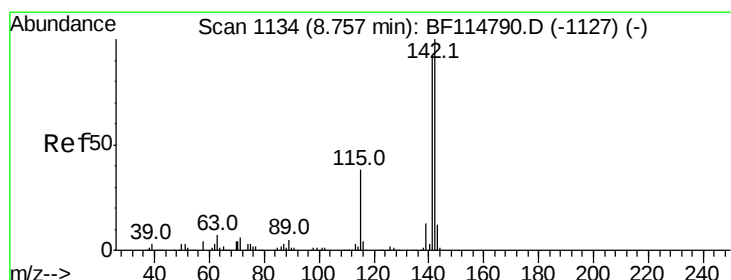
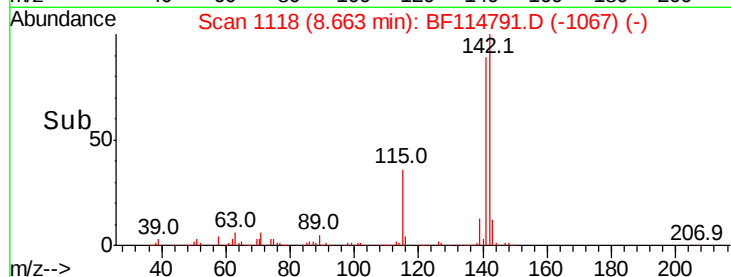
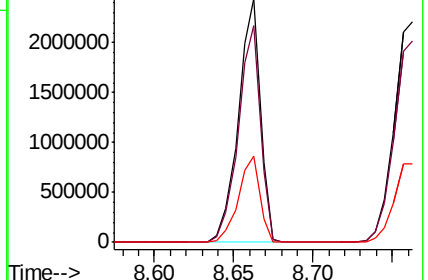
115 35.6 28.2 42.4



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: 50.480 ng

RT: 8.76 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

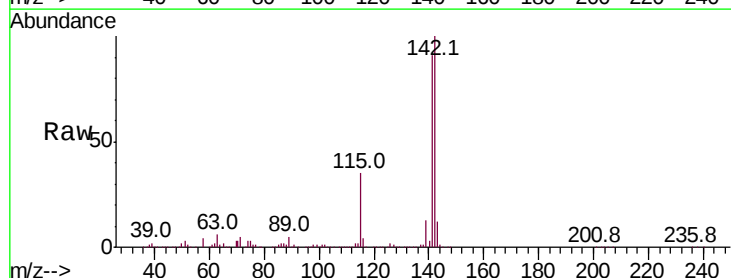
Tgt Ion:142 Resp: 2255826

Ion Ratio Lower Upper

142 100

141 91.4 73.8 110.6

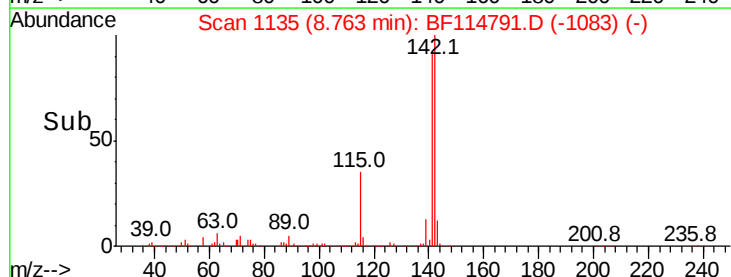
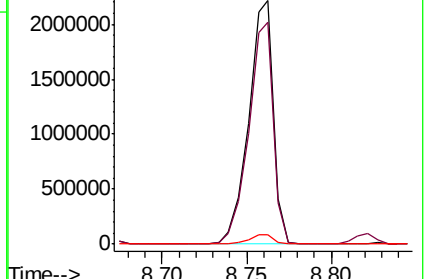
116 3.7 3.3 4.9

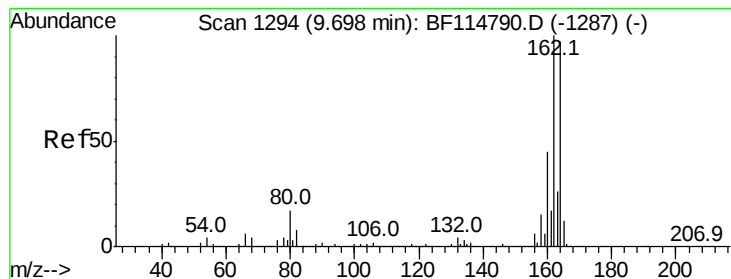


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

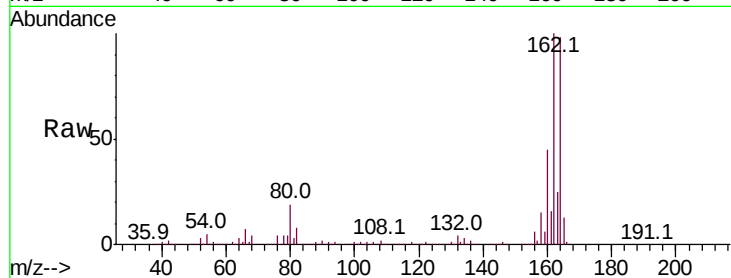
Tot Ion:164 Resp: 765660

Ion Ratio Lower Upper

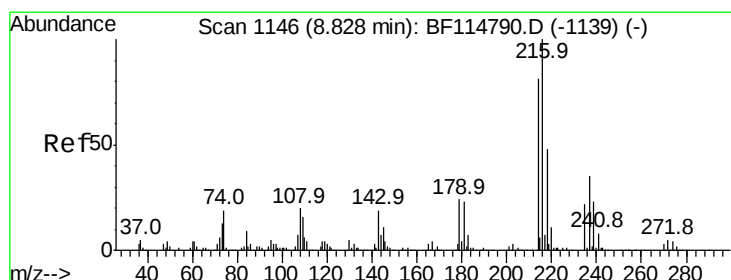
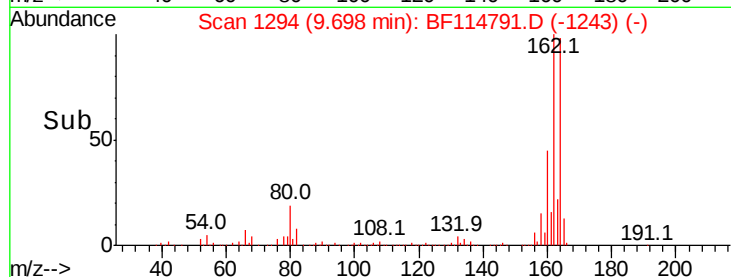
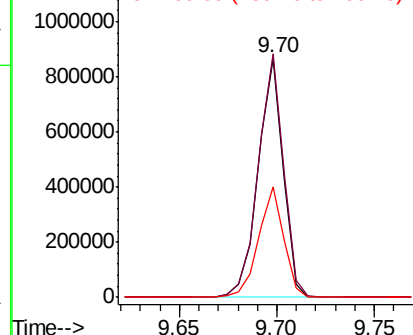
164 100

162 102.0 82.3 123.5

160 46.0 36.7 55.1



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: 51.304 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Tgt Ion:216 Resp: 1093849

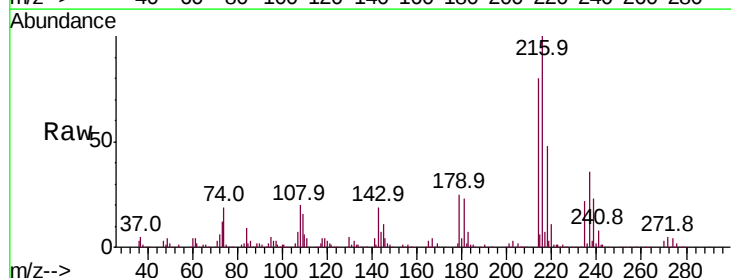
Ion Ratio Lower Upper

216 100

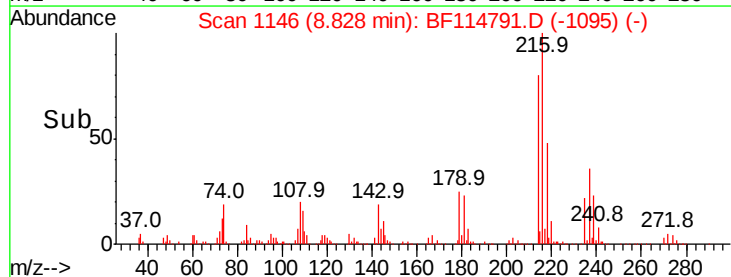
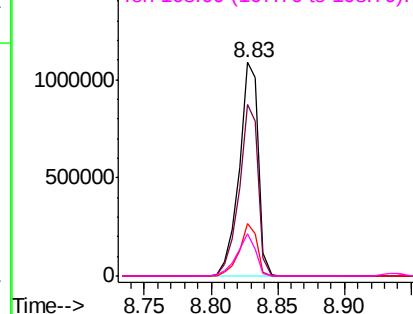
214 79.5 63.4 95.2

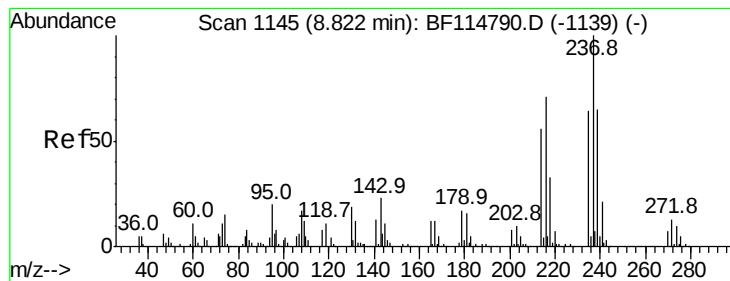
179 23.0 18.3 27.5

108 19.3 15.5 23.3



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: 50.514 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

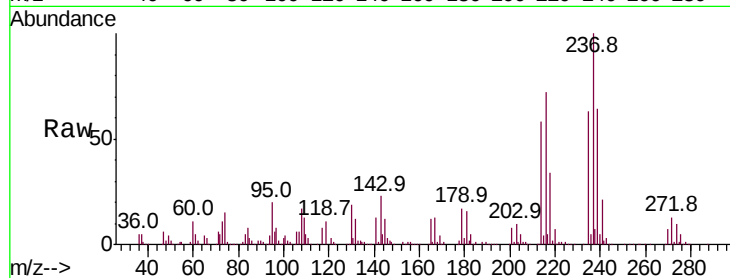
Tot Ion:237 Resp: 671260

Ion Ratio Lower Upper

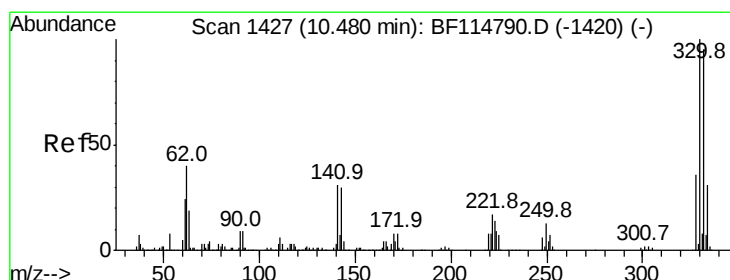
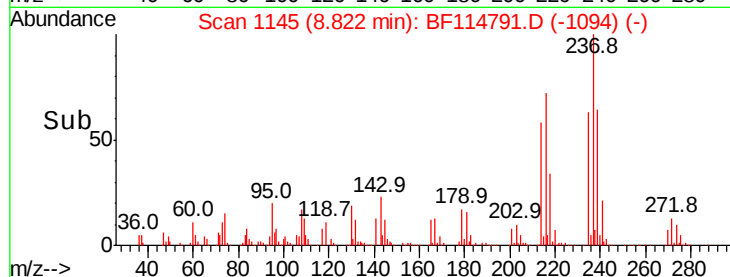
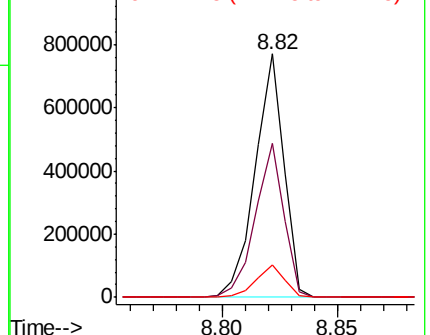
237 100

235 63.1 44.0 84.0

272 13.4 0.0 33.4



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: 104.260 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

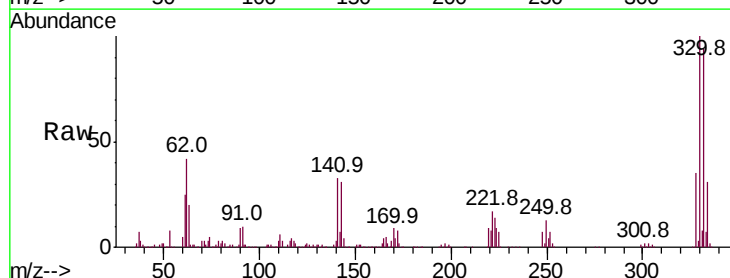
Tgt Ion:330 Resp: 807824

Ion Ratio Lower Upper

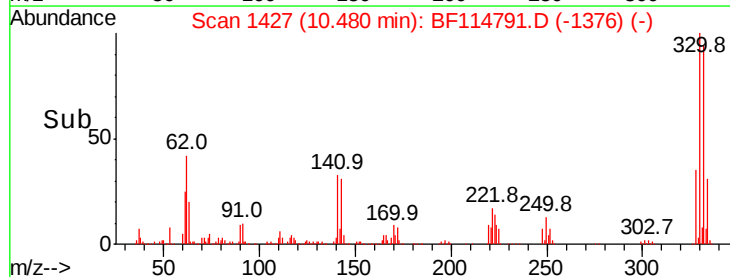
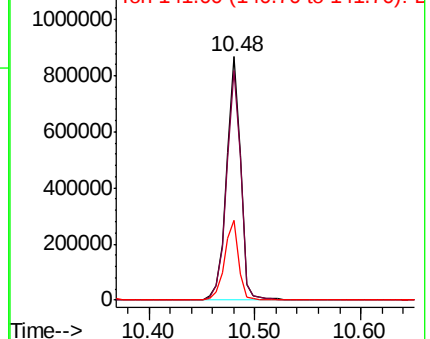
330 100

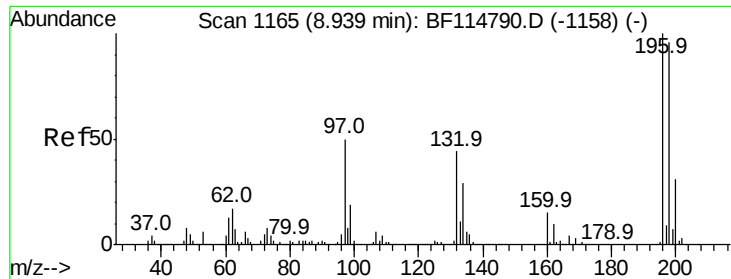
332 96.6 77.3 115.9

141 33.1 26.2 39.4



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

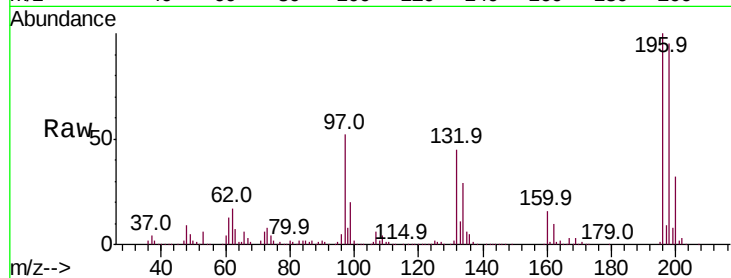




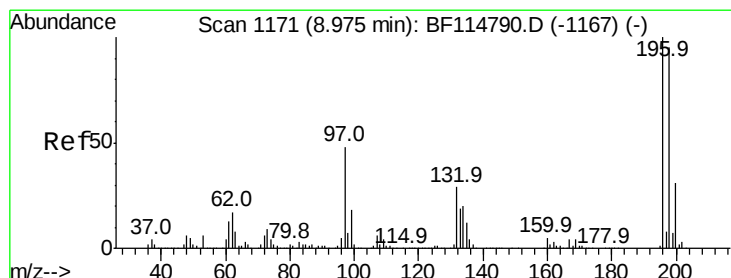
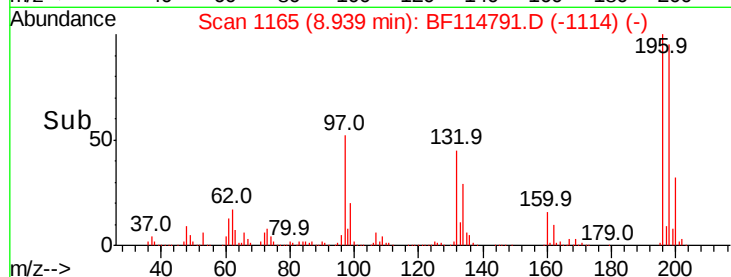
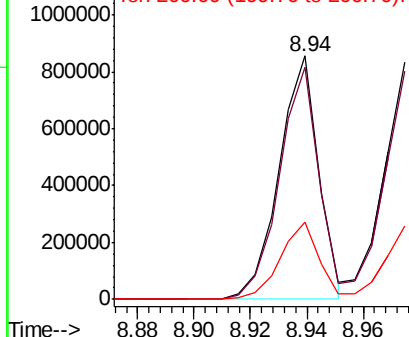
#43  
 2,4,6-Trichlorophenol  
 Concen: 49.782 ng  
 RT: 8.94 min Scan# 1165  
 Delta R.T. 0.00 min  
 Lab File: BF114791.D  
 Acq: 4 Jun 2019 12:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Tot Ion:196 Resp: 828624  
 Ion Ratio Lower Upper  
 196 100  
 198 95.1 77.1 115.7  
 200 31.7 24.6 36.8

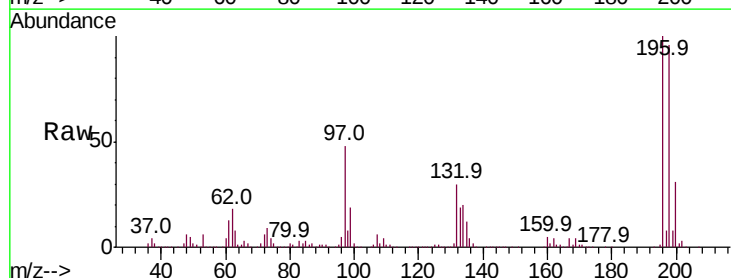


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

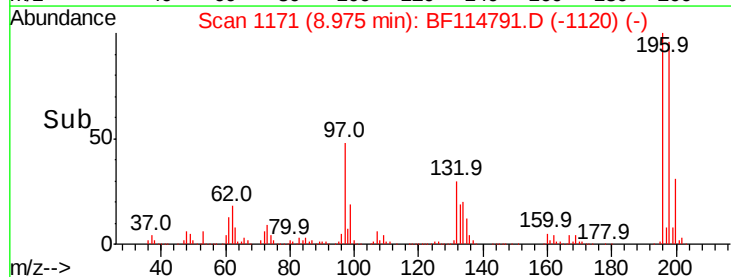
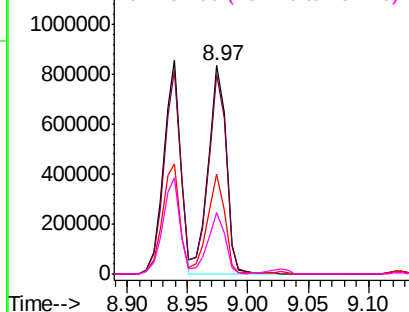


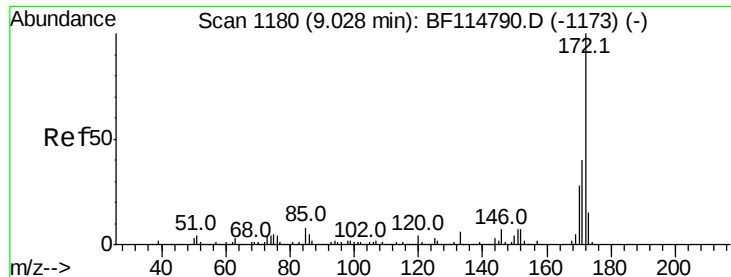
#44  
 2,4,5-Trichlorophenol  
 Concen: 51.878 ng  
 RT: 8.97 min Scan# 1171  
 Delta R.T. 0.00 min  
 Lab File: BF114791.D  
 Acq: 4 Jun 2019 12:50

Tgt Ion:196 Resp: 856871  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 76.2 114.4  
 97 47.6 38.2 57.4  
 132 29.6 23.7 35.5



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

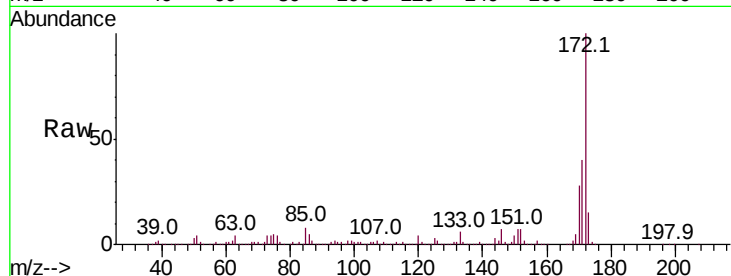




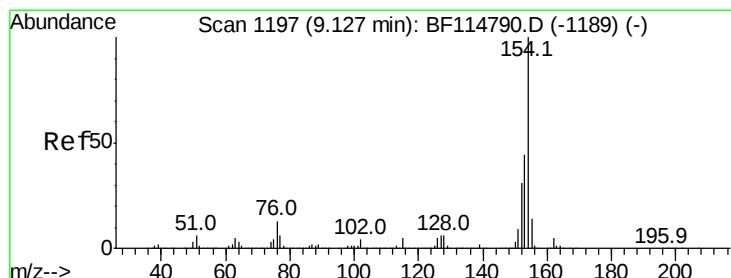
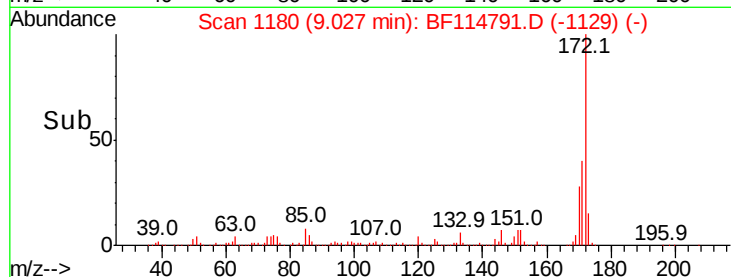
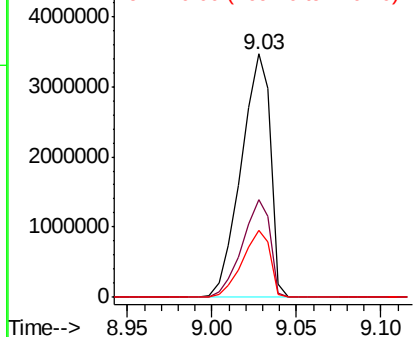
#45  
2-Fluorobiphenyl  
Concen: 98.854 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. -0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:172 Resp: 4199779  
Ion Ratio Lower Upper  
172 100  
171 40.2 32.3 48.5  
170 27.7 22.4 33.6

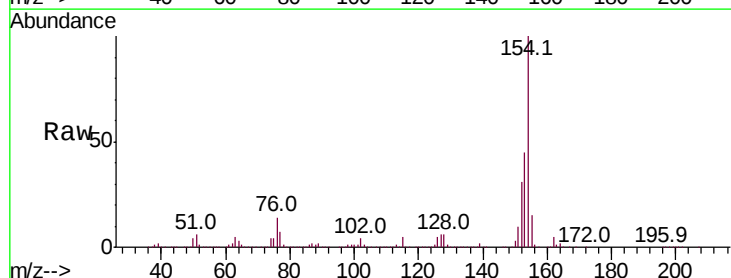


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

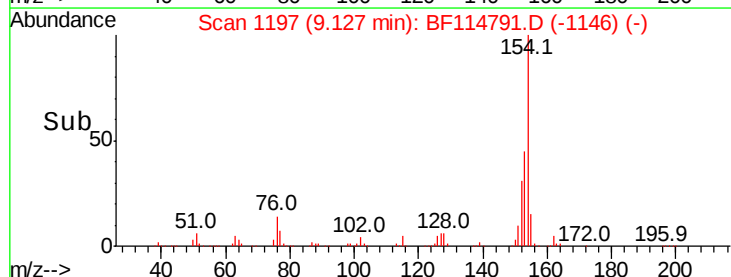
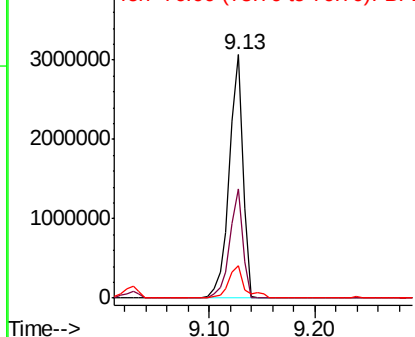


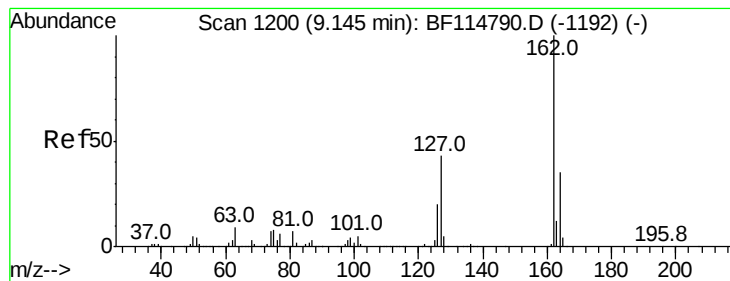
#46  
1,1'-Biphenyl  
Concen: 50.062 ng  
RT: 9.13 min Scan# 1197  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:154 Resp: 2738936  
Ion Ratio Lower Upper  
154 100  
153 44.7 23.9 63.9  
76 13.5 0.0 33.2



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: 50.900 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

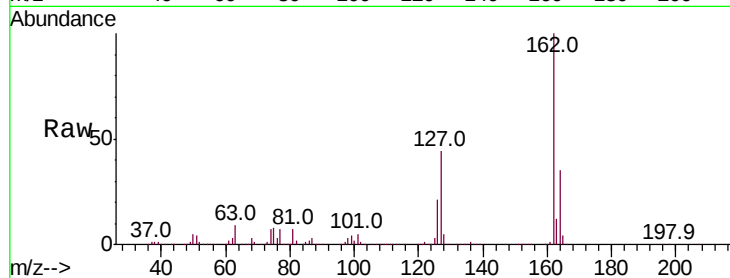
Tot Ion:162 Resp: 2355823

Ion Ratio Lower Upper

162 100

127 43.8 34.6 51.8

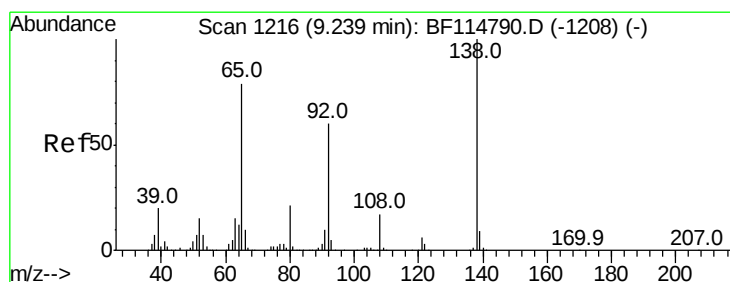
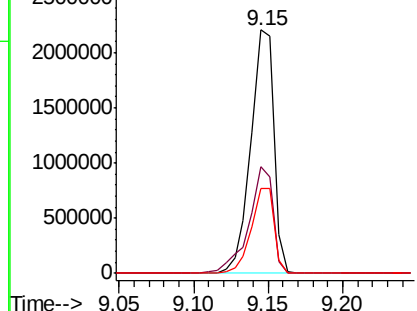
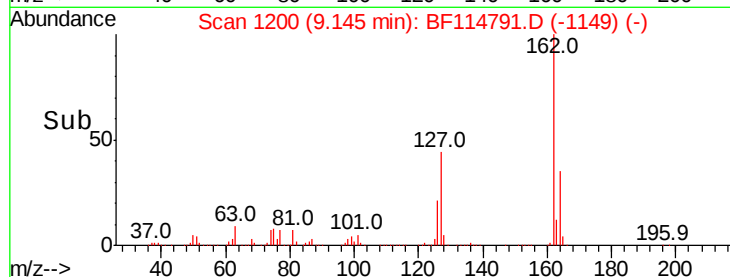
164 34.9 27.8 41.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 50.746 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

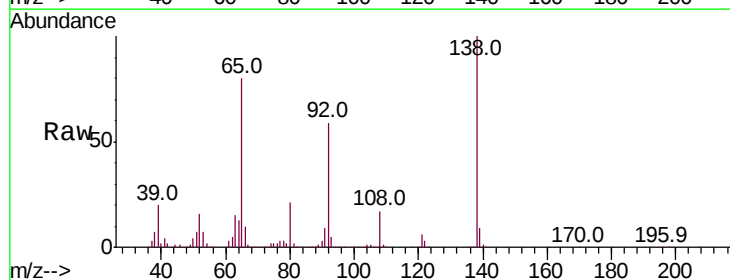
Tgt Ion: 65 Resp: 707802

Ion Ratio Lower Upper

65 100

92 74.6 60.4 90.6

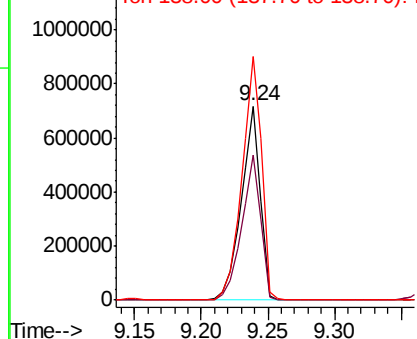
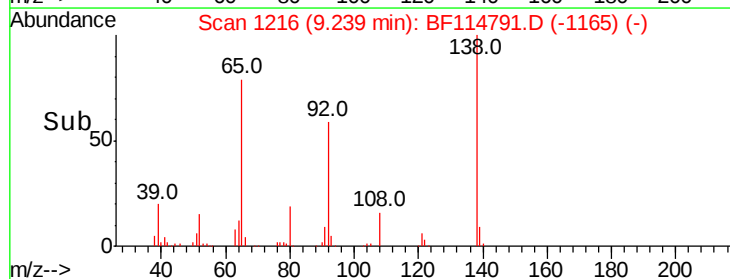
138 125.5 101.2 151.8

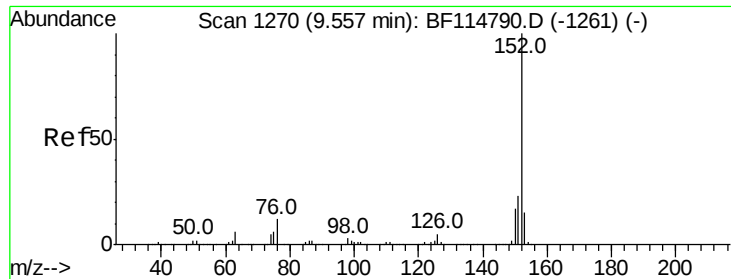


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.338 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

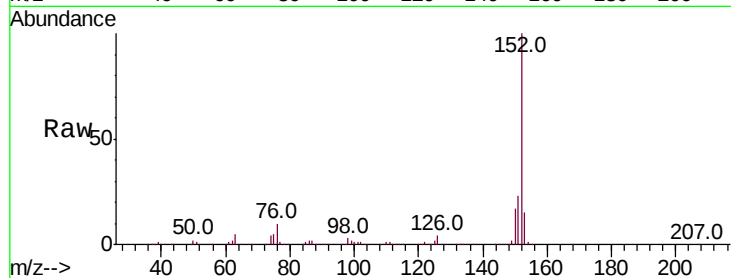
Tot Ion:152 Resp: 3400657

Ion Ratio Lower Upper

152 100

151 22.9 18.3 27.5

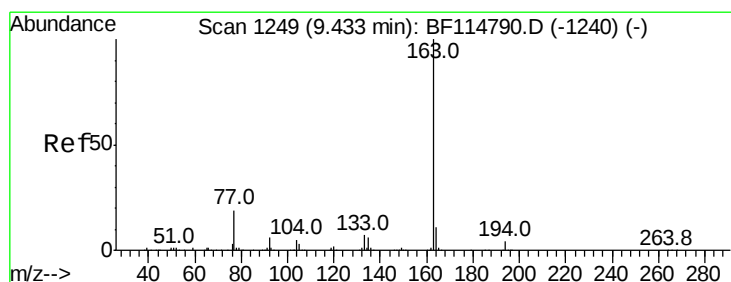
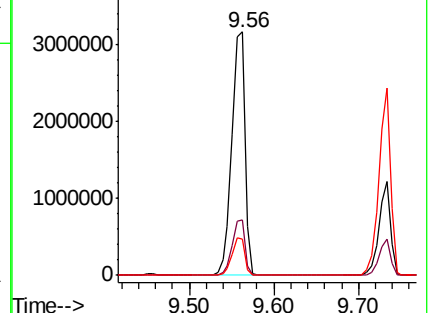
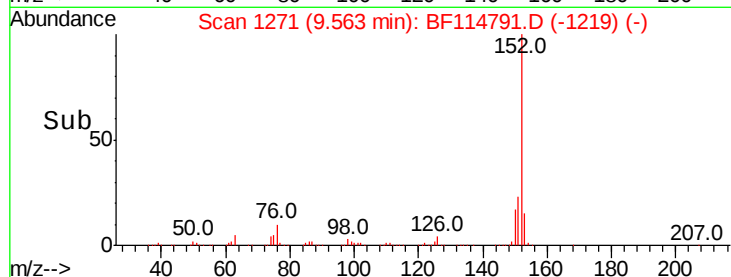
153 14.7 12.3 18.5



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: 49.277 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

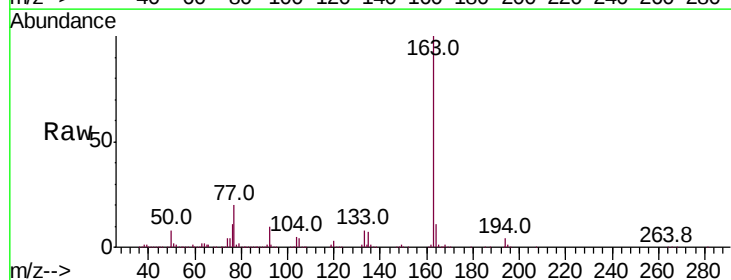
Tgt Ion:163 Resp: 2677324

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

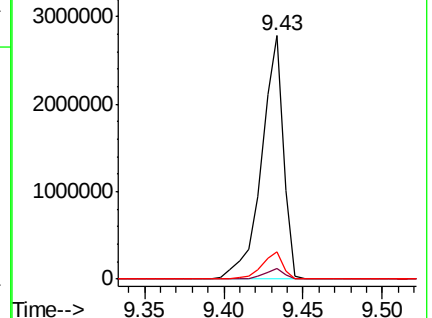
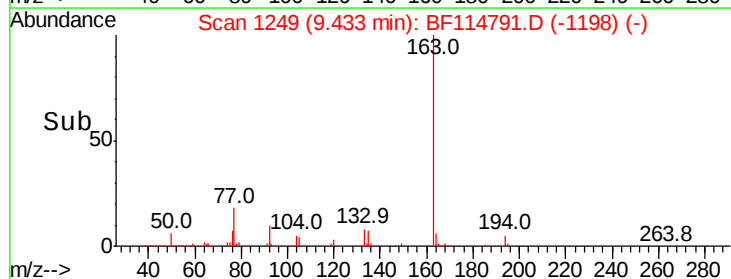
164 11.2 8.6 13.0

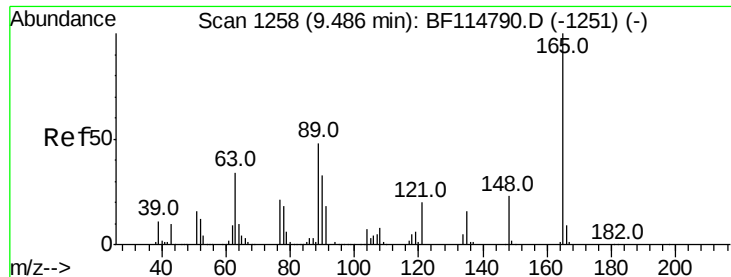


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.798 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

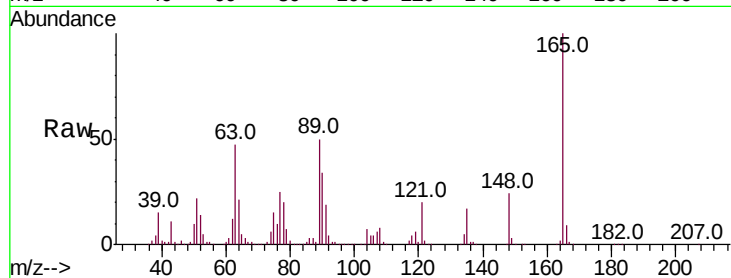
Tot Ion:165 Resp: 640294

Ion Ratio Lower Upper

165 100

63 46.6 35.1 52.7

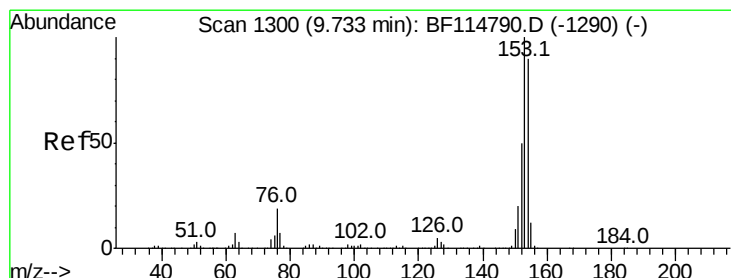
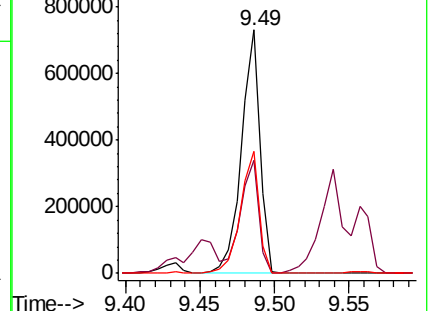
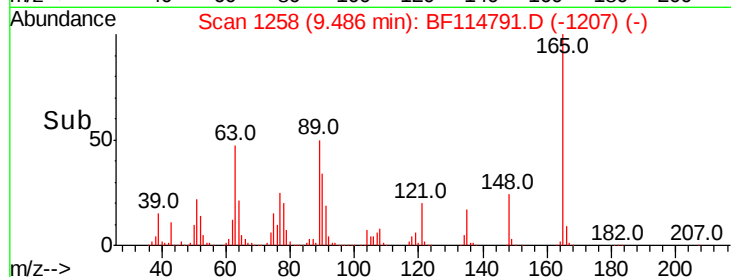
89 50.0 38.2 57.2



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



#52

Acenaphthene

Concen: 50.437 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

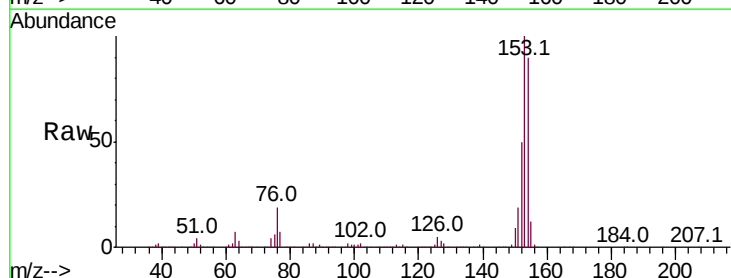
Tgt Ion:154 Resp: 2214987

Ion Ratio Lower Upper

154 100

153 110.7 88.5 132.7

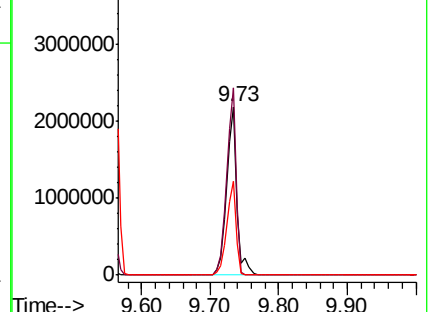
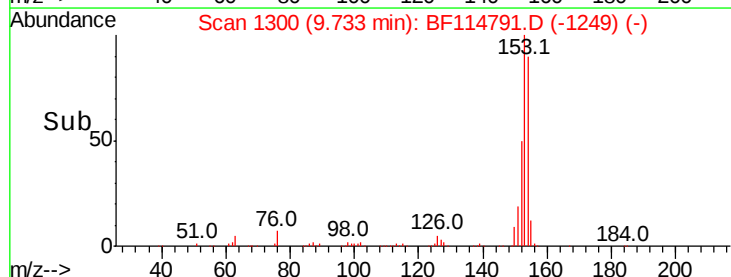
152 55.7 44.1 66.1

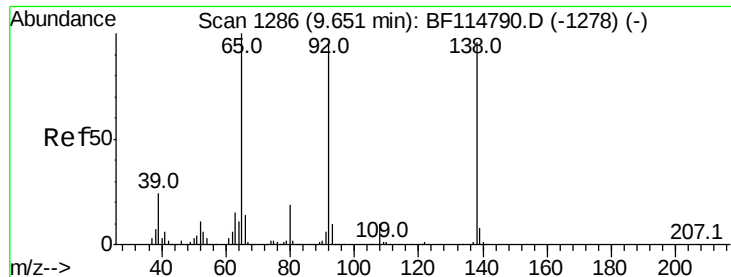


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

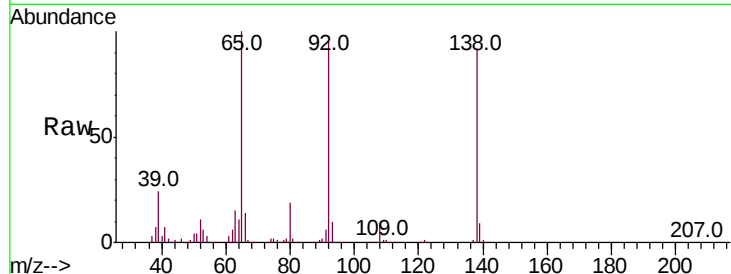




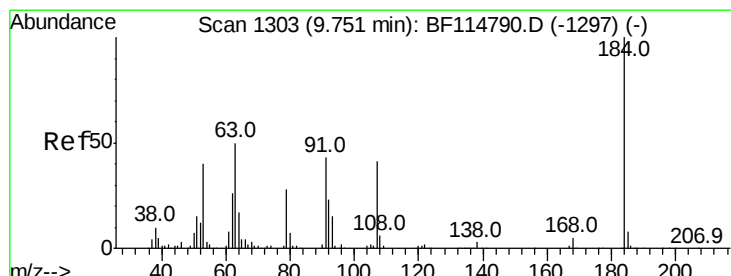
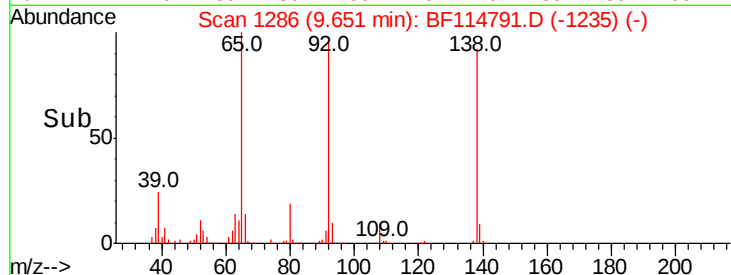
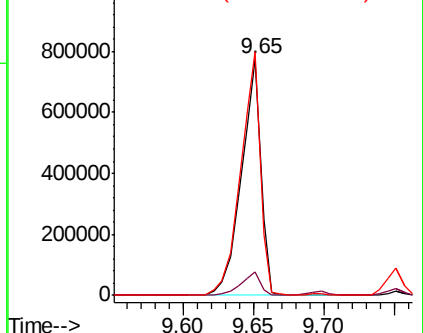
#53  
3-Nitroaniline  
Concen: 49.637 ng  
RT: 9.65 min Scan# 1286  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tot Ion:138 Resp: 745378  
Ion Ratio Lower Upper  
138 100  
108 10.1 7.9 11.9  
92 102.9 79.9 119.9

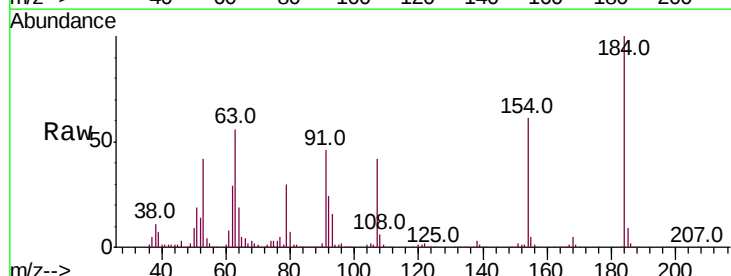


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

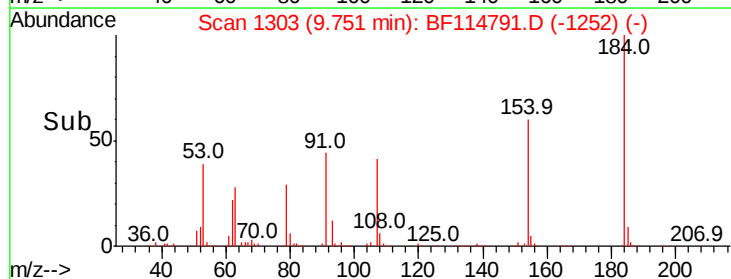
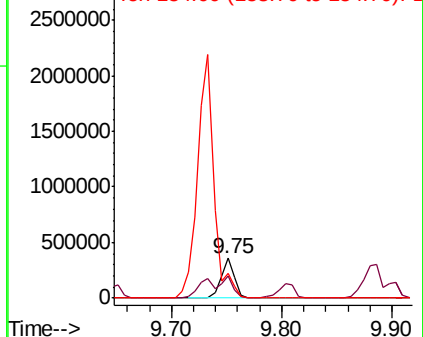


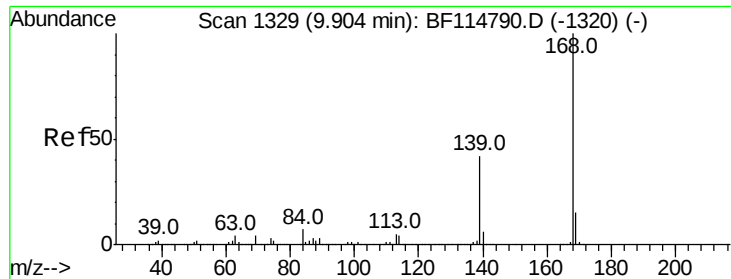
#54  
2,4-Dinitrophenol  
Concen: 51.598 ng  
RT: 9.75 min Scan# 1303  
Delta R.T. -0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:184 Resp: 307068  
Ion Ratio Lower Upper  
184 100  
63 56.3 44.1 66.1  
154 60.7 48.1 72.1



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

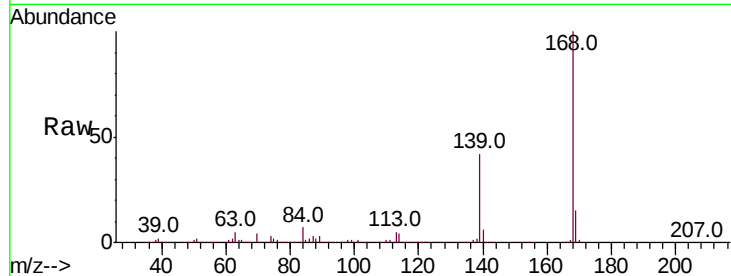




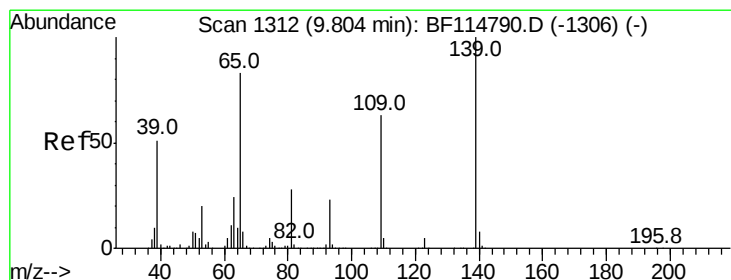
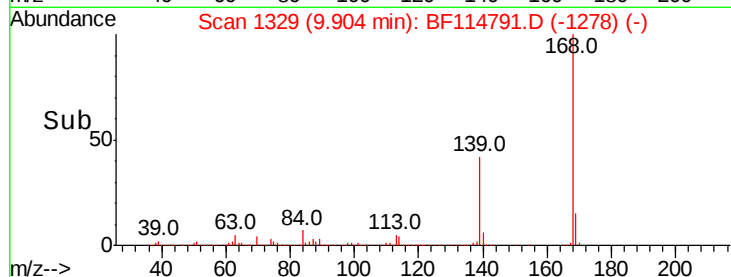
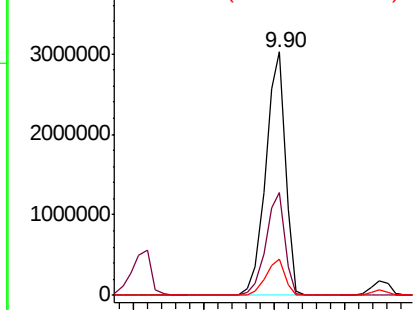
#55  
Dibenzofuran  
Concen: 50.695 ng  
RT: 9.90 min Scan# 1329  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:168 Resp: 2983384  
Ion Ratio Lower Upper  
168 100  
139 42.3 33.8 50.6  
169 15.1 11.9 17.9

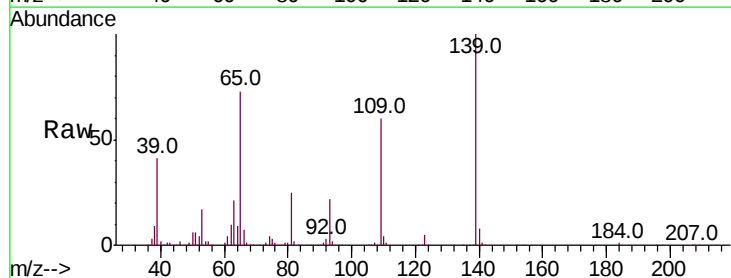


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

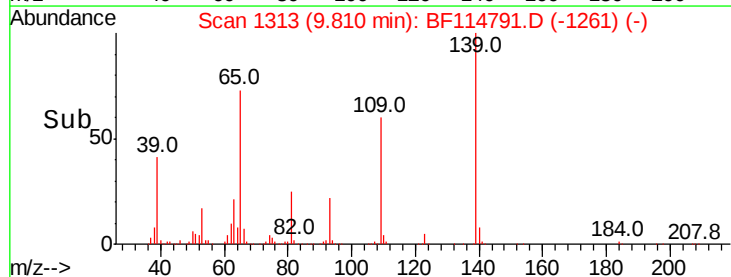
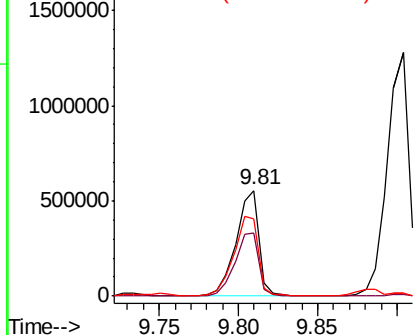


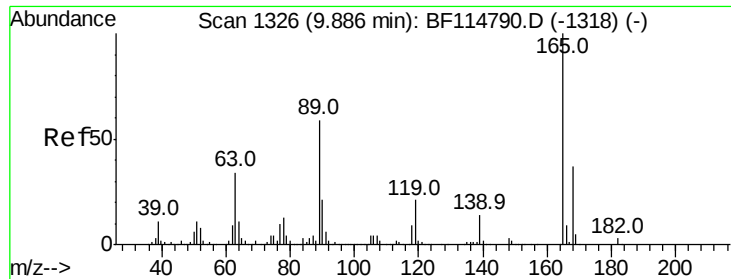
#56  
4-Nitrophenol  
Concen: 51.776 ng  
RT: 9.81 min Scan# 1313  
Delta R.T. 0.01 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:139 Resp: 562125  
Ion Ratio Lower Upper  
139 100  
109 60.2 43.5 83.5  
65 72.9 63.2 103.2



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

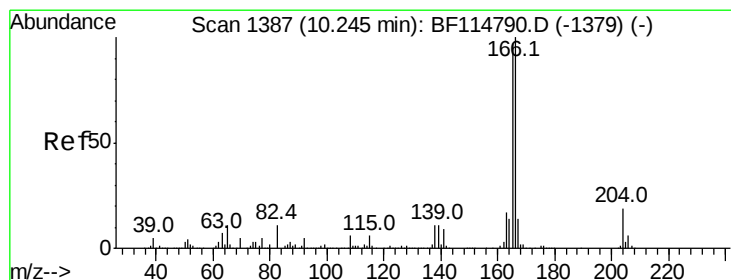
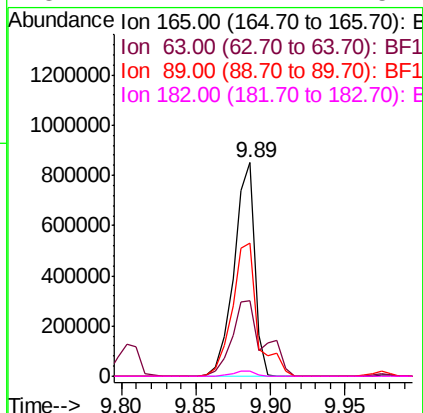
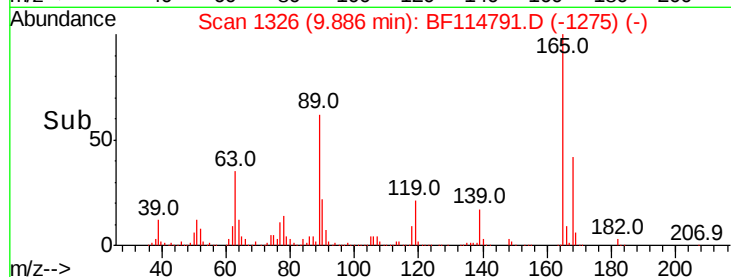
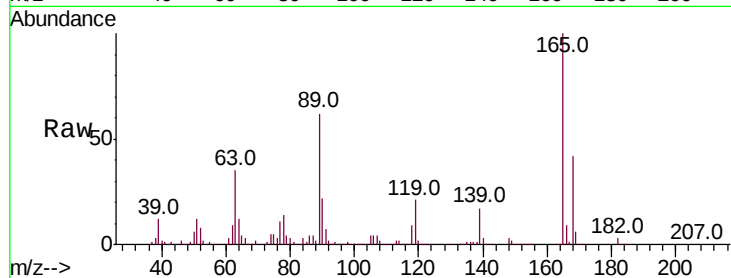




#57  
 2,4-Dinitrotoluene  
 Concen: 52.053 ng  
 RT: 9.89 min Scan# 1326  
 Delta R.T. -0.00 min  
 Lab File: BF114791.D  
 Acq: 4 Jun 2019 12:50

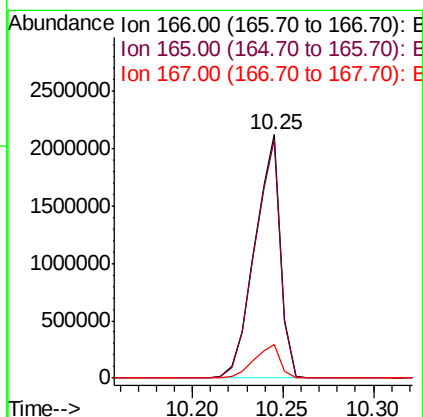
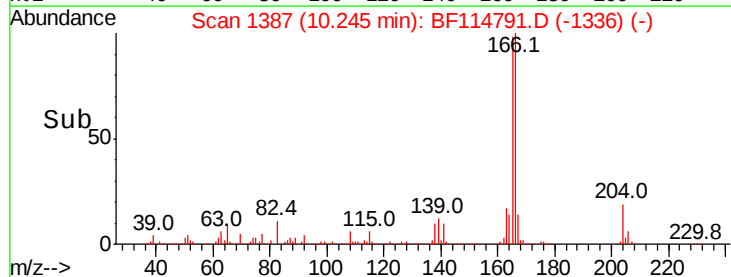
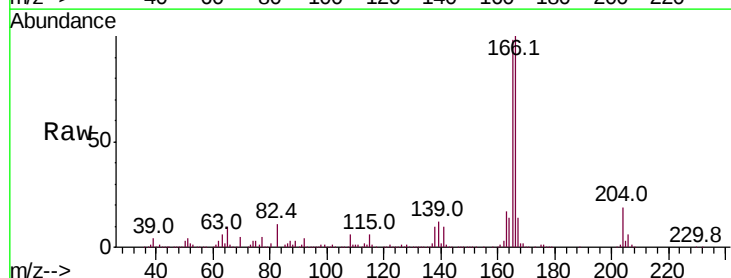
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

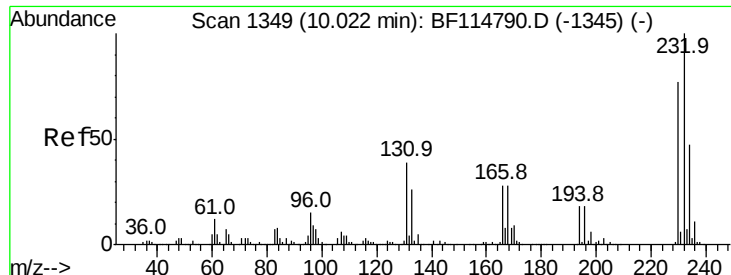
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 830540 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 35.4  | 27.0  | 40.4   |
| 89       | 62.2  | 47.0  | 70.6   |
| 182      | 2.7   | 2.2   | 3.2    |



#58  
 Fluorene  
 Concen: 49.328 ng  
 RT: 10.25 min Scan# 1387  
 Delta R.T. -0.00 min  
 Lab File: BF114791.D  
 Acq: 4 Jun 2019 12:50

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 2082322 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 98.0  | 77.9  | 116.9   |
| 167      | 14.0  | 11.3  | 16.9    |

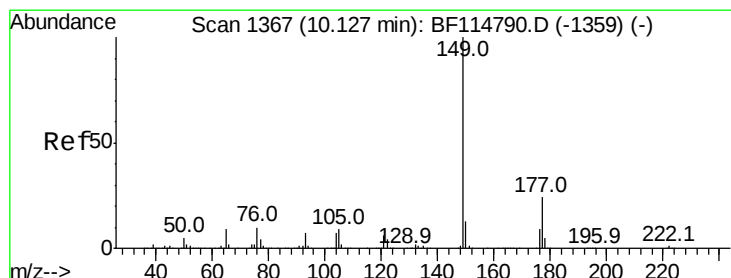
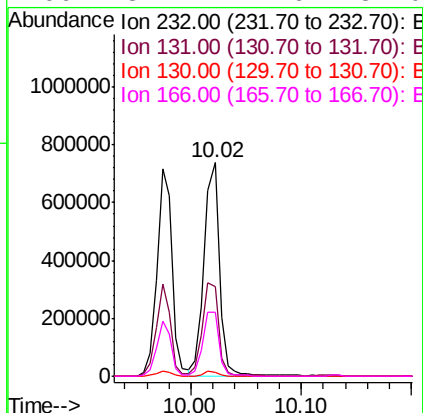
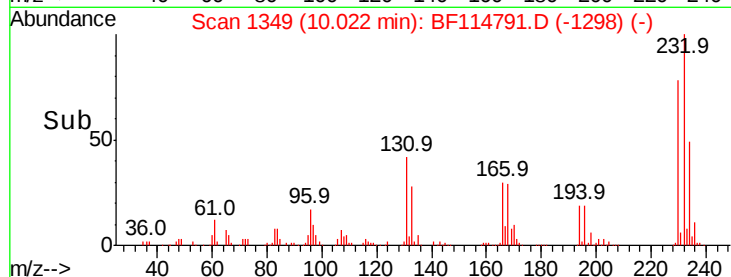
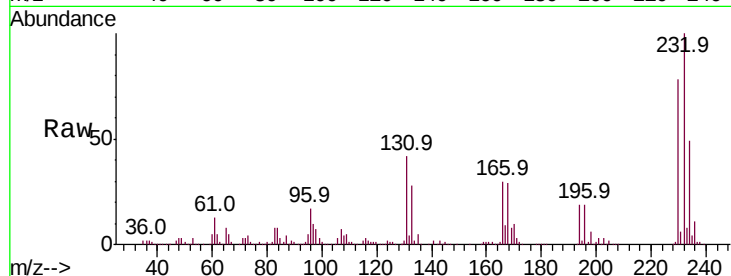




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 51.482 ng  
 RT: 10.02 min Scan# 1349  
 Delta R.T. 0.00 min  
 Lab File: BF114791.D  
 Acq: 4 Jun 2019 12:50

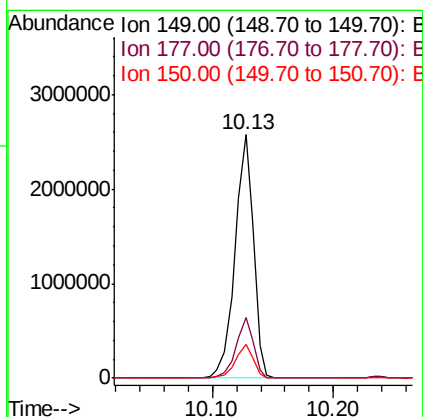
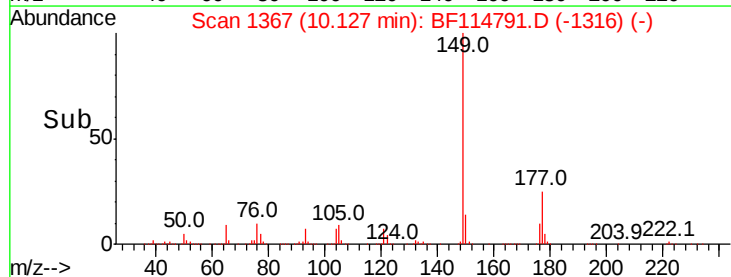
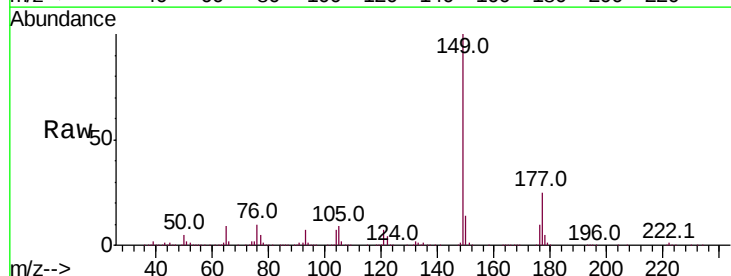
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

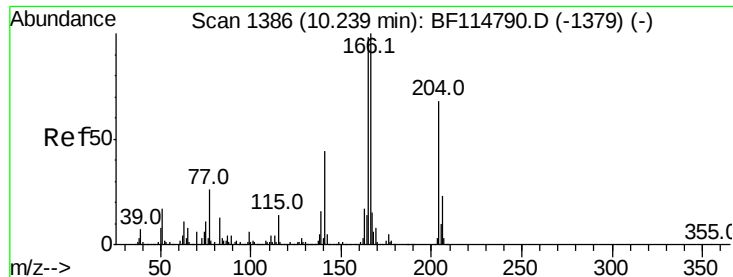
Tot Ion:232 Resp: 693935  
 Ion Ratio Lower Upper  
 232 100  
 131 46.4 36.8 55.2  
 130 2.3 1.8 2.6  
 166 31.7 24.6 37.0



#60  
 Diethylphthalate  
 Concen: 50.501 ng  
 RT: 10.13 min Scan# 1367  
 Delta R.T. 0.00 min  
 Lab File: BF114791.D  
 Acq: 4 Jun 2019 12:50

Tgt Ion:149 Resp: 2745558  
 Ion Ratio Lower Upper  
 149 100  
 177 24.7 19.3 28.9  
 150 13.9 10.7 16.1

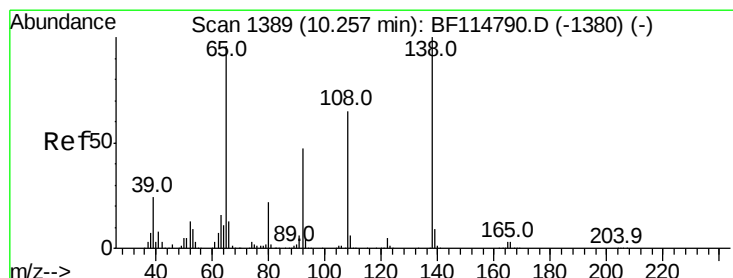
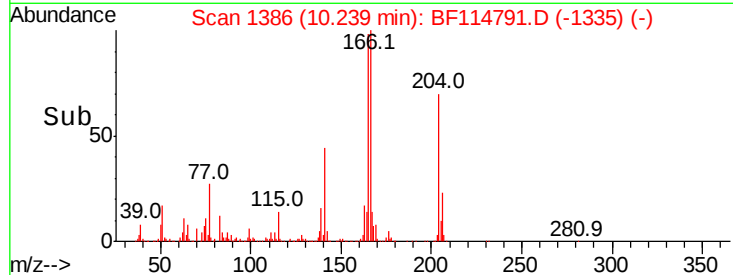
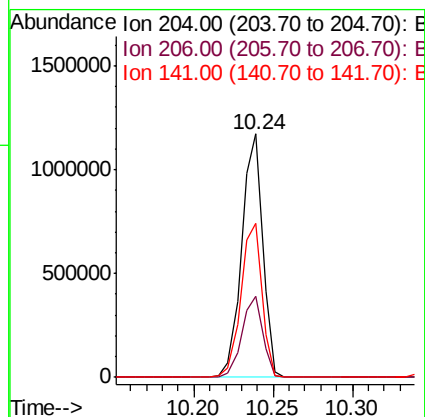
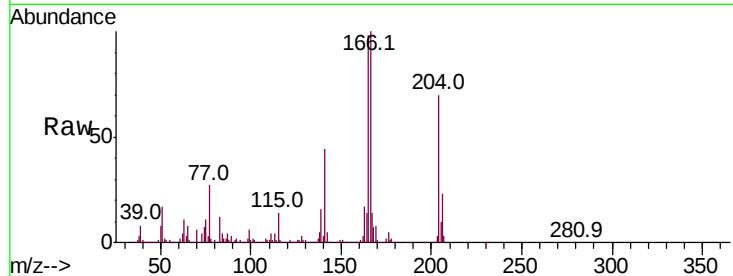




#61  
4-Chlorophenyl-phenylether  
Concen: 49.273 ng  
RT: 10.24 min Scan# 1386  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

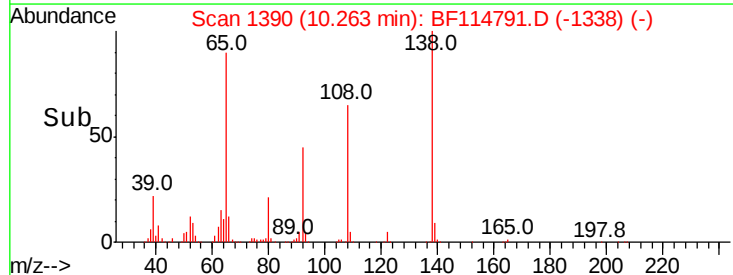
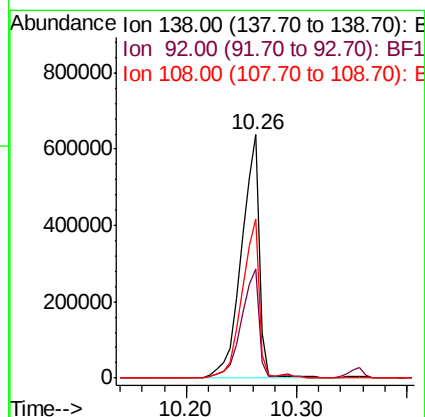
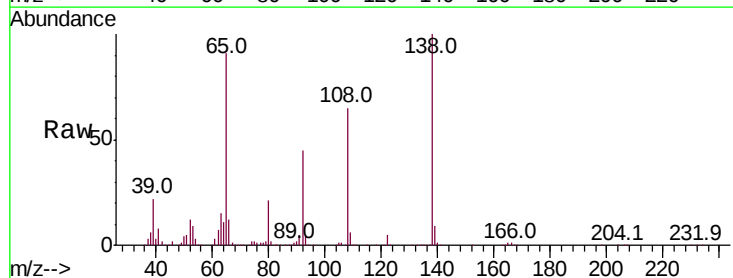
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

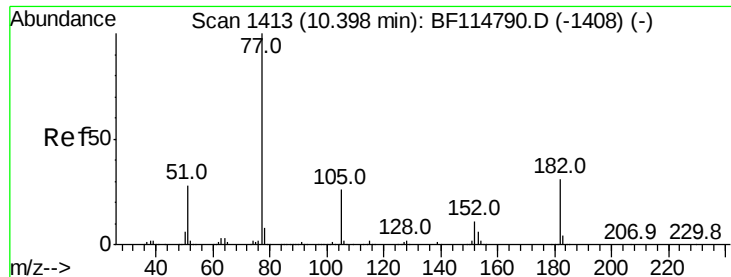
Tot Ion:204 Resp: 1071804  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.5 39.7  
141 63.3 51.0 76.4



#62  
4-Nitroaniline  
Concen: 50.279 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. 0.01 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:138 Resp: 730056  
Ion Ratio Lower Upper  
138 100  
92 44.7 26.5 66.5  
108 65.5 45.4 85.4

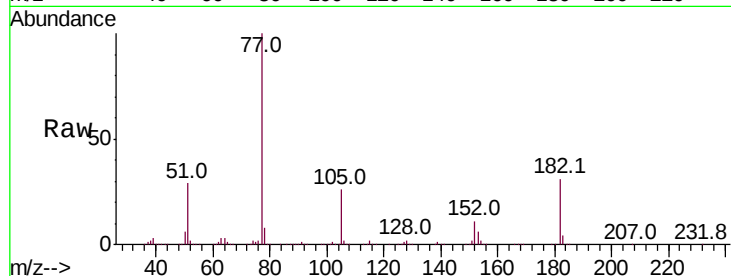




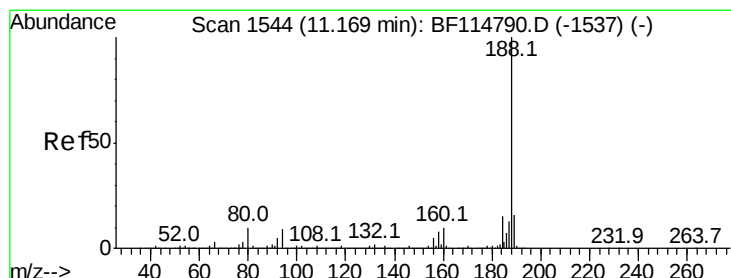
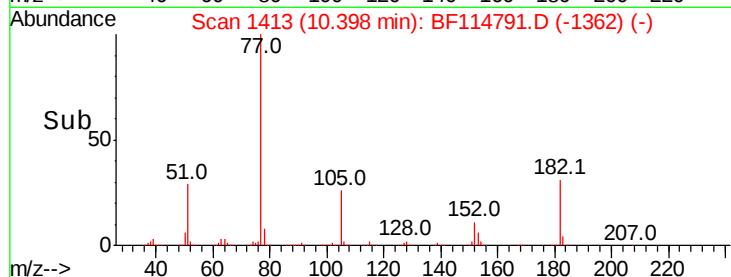
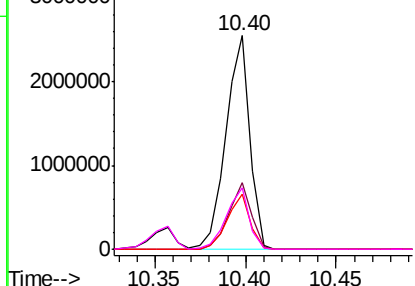
#63  
Azobenzene  
Concen: 50.116 ng  
RT: 10.40 min Scan# 1413  
Delta R.T. -0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion: 77 Resp: 2337617  
Ion Ratio Lower Upper  
77 100  
182 31.0 11.2 51.2  
105 25.9 5.7 45.7  
51 28.5 8.0 48.0

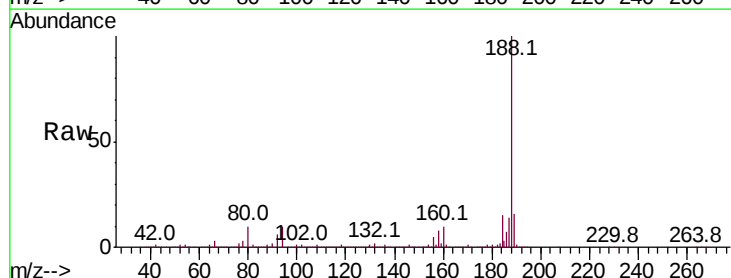


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

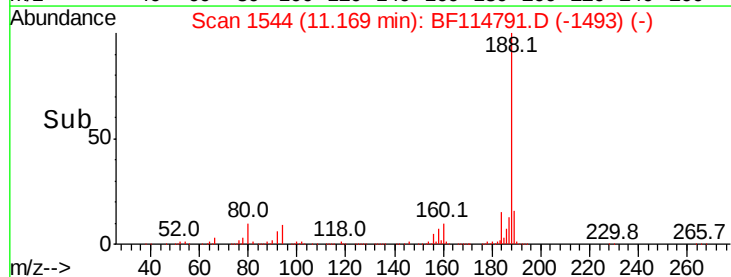
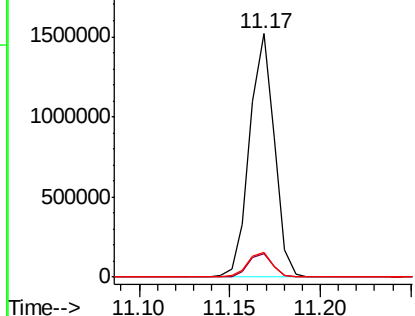


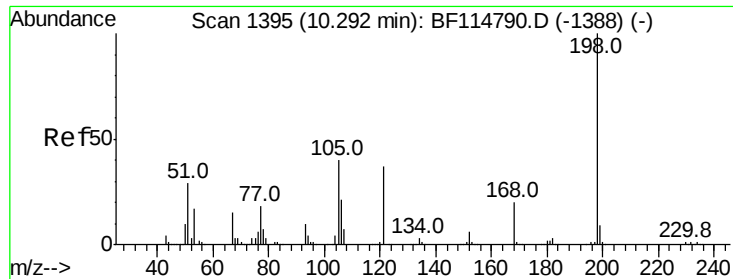
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.17 min Scan# 1544  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion: 188 Resp: 1435701  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.6 11.4  
80 9.9 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

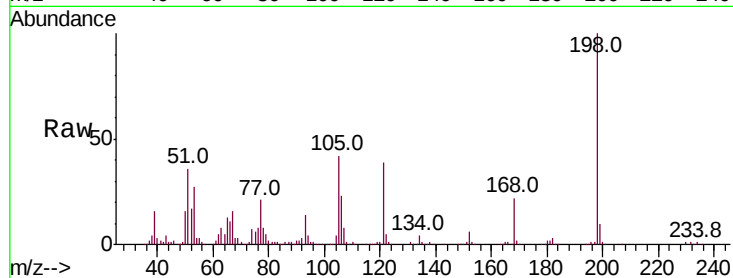




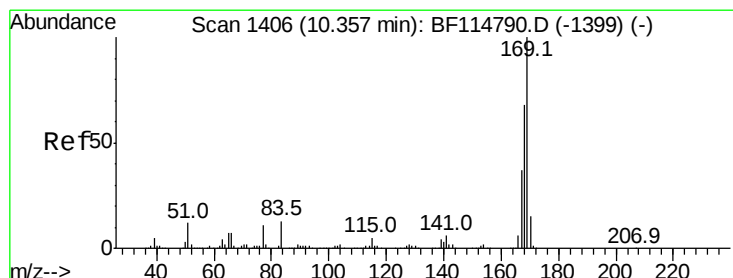
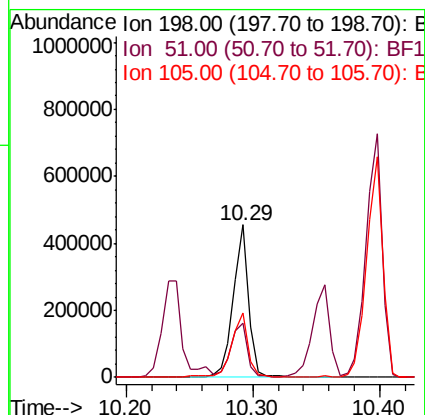
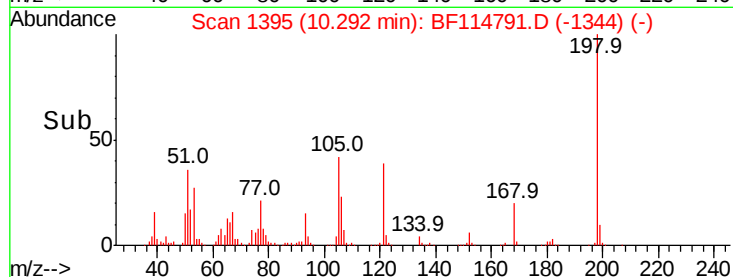
#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.029 ng  
RT: 10.29 min Scan# 1395  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:198 Resp: 378972  
Ion Ratio Lower Upper  
198 100  
51 35.8 14.9 54.9  
105 42.4 21.0 61.0

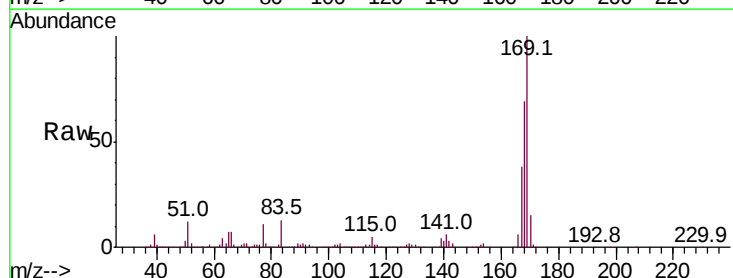


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

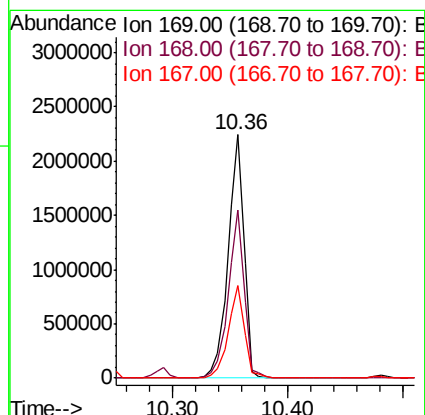
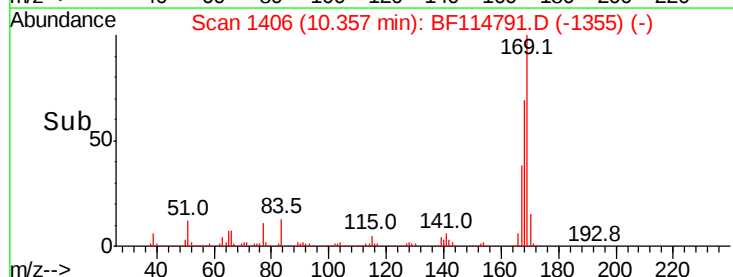


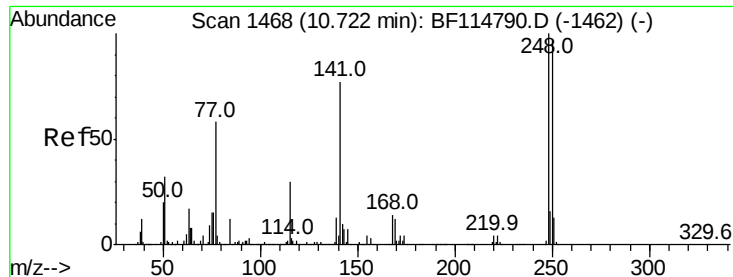
#66  
n-Nitrosodiphenylamine  
Concen: 50.321 ng  
RT: 10.36 min Scan# 1406  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:169 Resp: 2122760  
Ion Ratio Lower Upper  
169 100  
168 69.0 54.3 81.5  
167 38.0 29.9 44.9



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

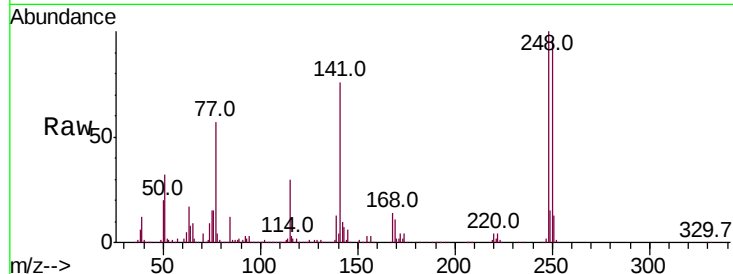




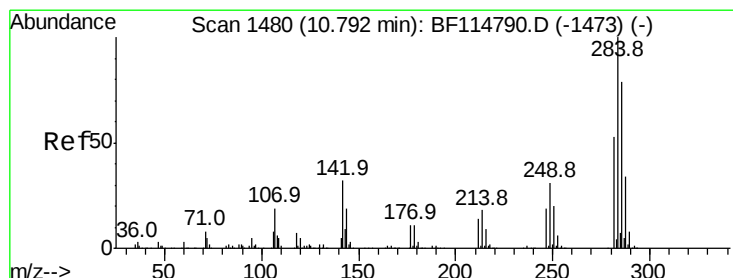
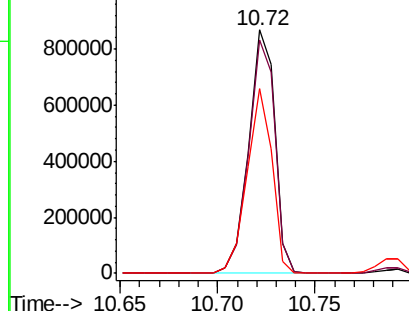
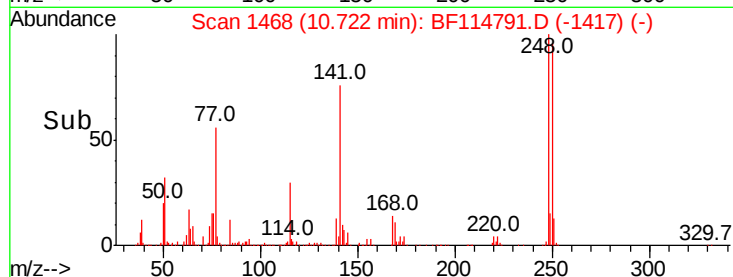
#67  
4-Bromophenyl-phenylether  
Concen: 50.815 ng  
RT: 10.72 min Scan# 1468  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tot Ion:248 Resp: 805832  
Ion Ratio Lower Upper  
248 100  
250 96.0 77.5 116.3  
141 75.8 61.8 92.8

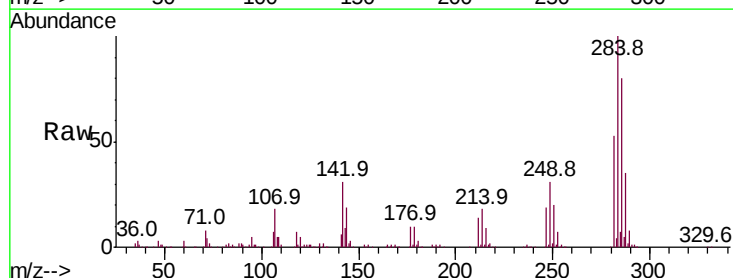


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

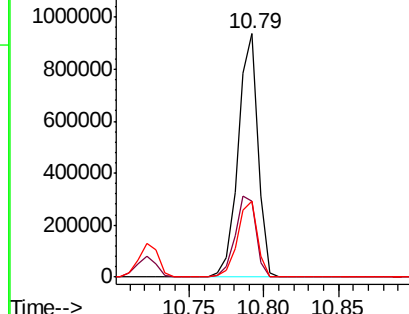
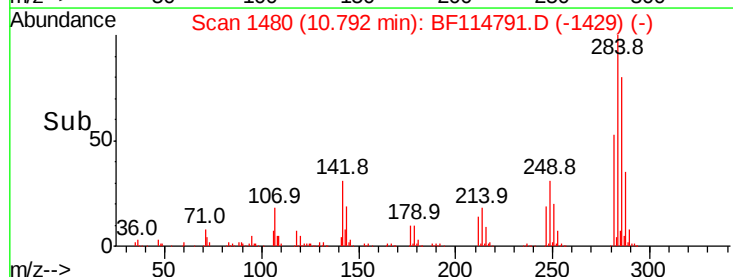


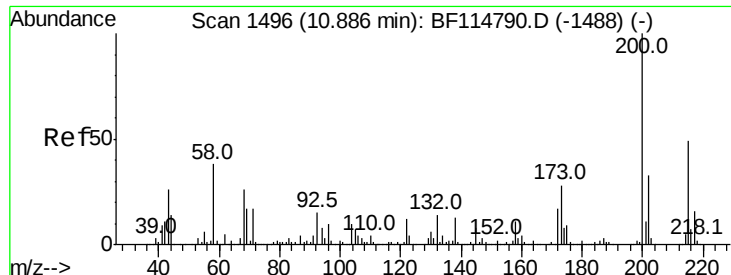
#68  
Hexachlorobenzene  
Concen: 50.331 ng  
RT: 10.79 min Scan# 1480  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:284 Resp: 872719  
Ion Ratio Lower Upper  
284 100  
142 31.2 25.3 37.9  
249 31.0 24.9 37.3



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

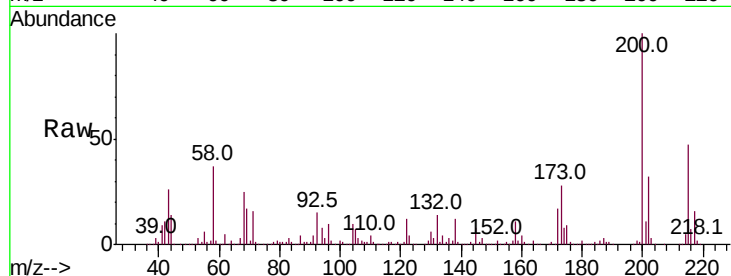




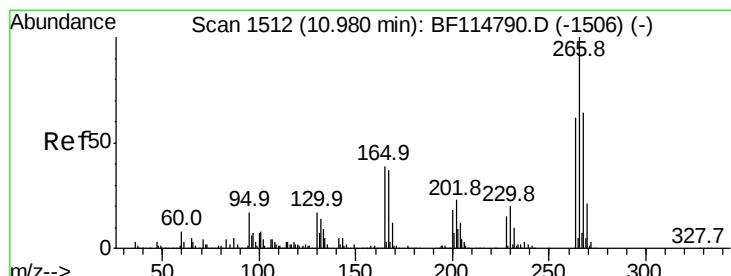
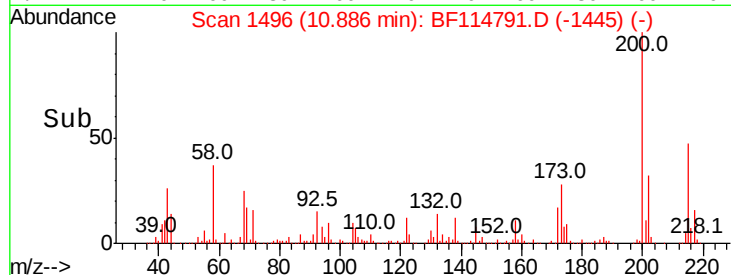
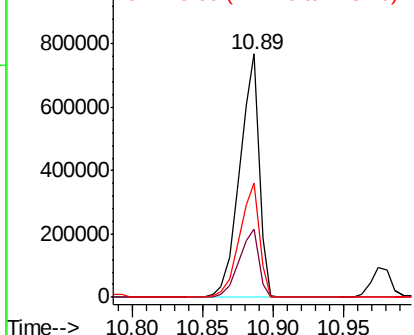
#69  
Atrazine  
Concen: 58.749 ng  
RT: 10.89 min Scan# 1496  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.9  | 8.0   | 48.0  |
| 215     | 47.0  | 28.7  | 68.7  |

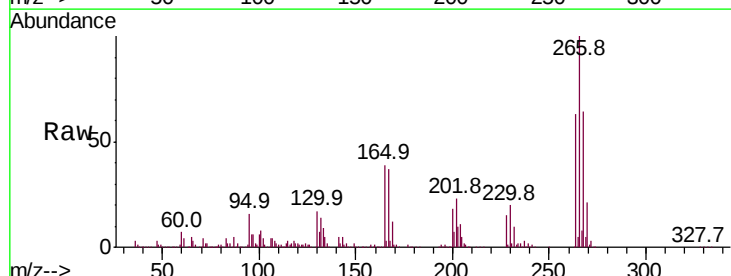


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

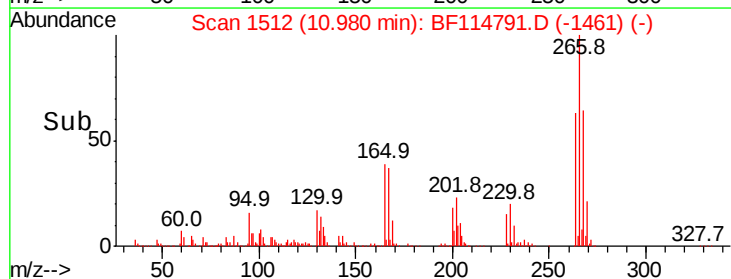
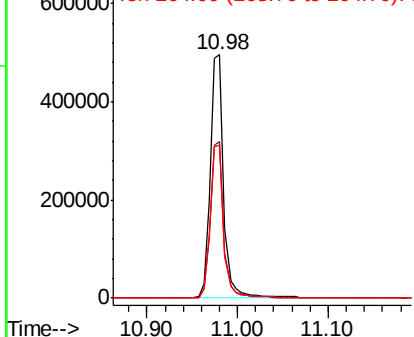


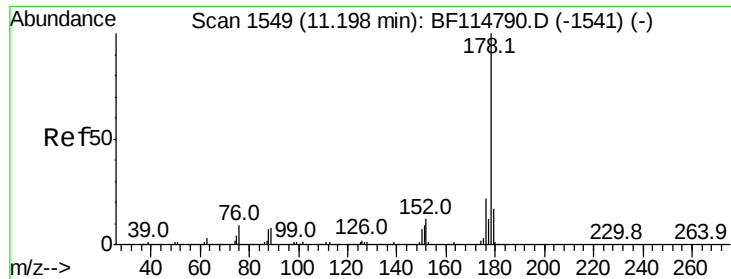
#70  
Pentachlorophenol  
Concen: 52.749 ng  
RT: 10.98 min Scan# 1512  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.3  | 51.0  | 76.6  |
| 264     | 62.9  | 49.6  | 74.4  |



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

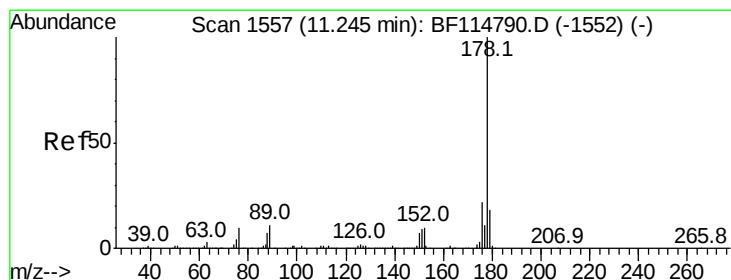
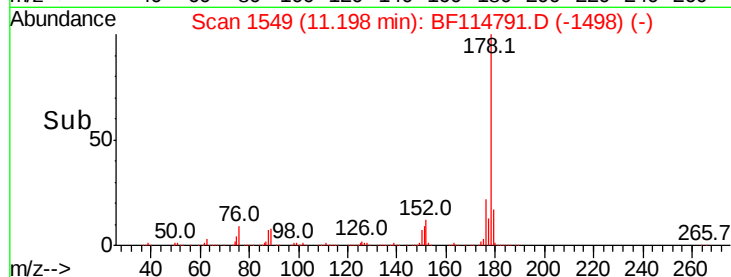
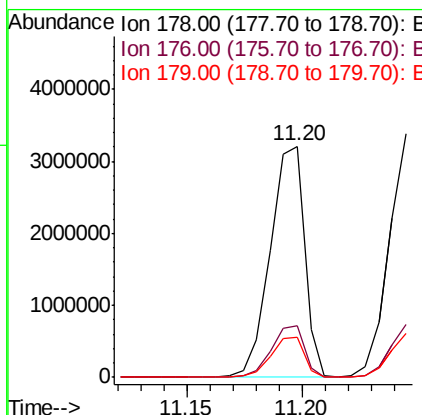
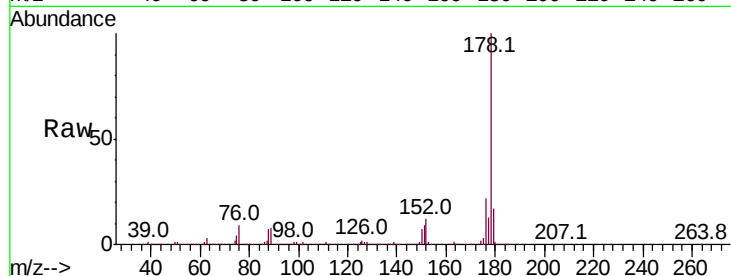




#71  
Phenanthrene  
Concen: 49.739 ng  
RT: 11.20 min Scan# 1549  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

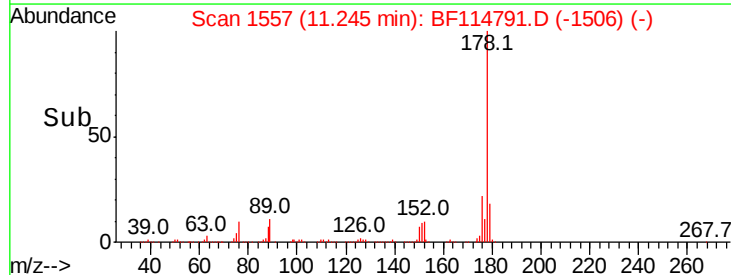
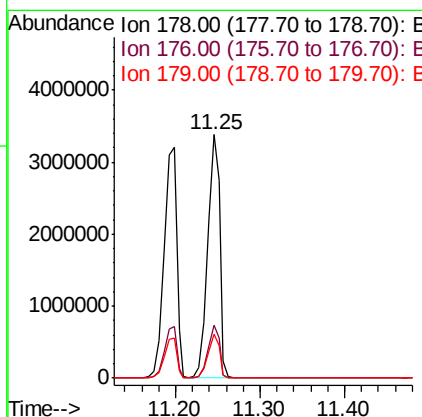
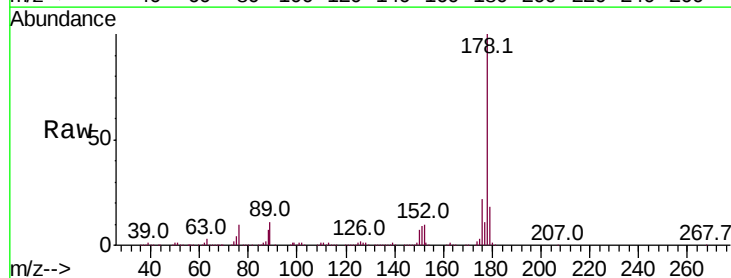
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

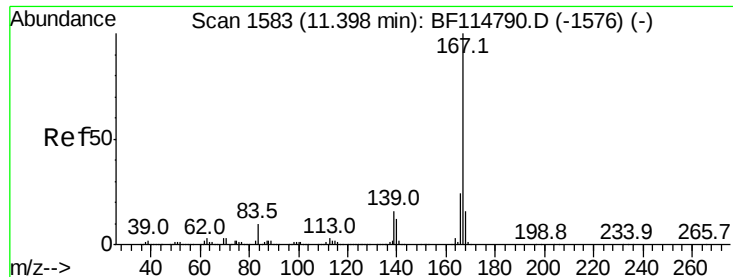
Tot Ion:178 Resp: 3314585  
Ion Ratio Lower Upper  
178 100  
176 22.3 17.7 26.5  
179 17.4 13.7 20.5



#72  
Anthracene  
Concen: 50.642 ng  
RT: 11.25 min Scan# 1557  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:178 Resp: 3385885  
Ion Ratio Lower Upper  
178 100  
176 21.9 17.4 26.0  
179 18.0 14.2 21.4





#73

Carbazole

Concen: 49.990 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

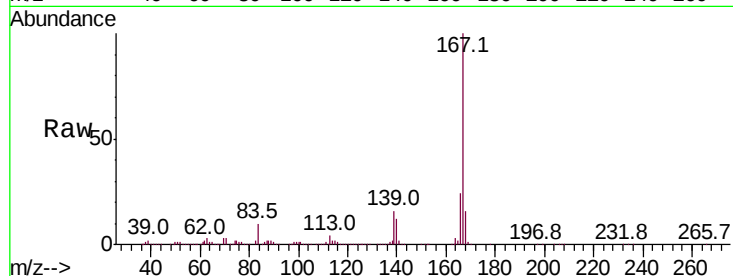
BNA\_F

ClientSampleId :

SSTDICC050

Tot Ion:167 Resp: 3024977

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 24.0  | 19.1  | 28.7  |
| 139 | 15.8  | 12.4  | 18.6  |

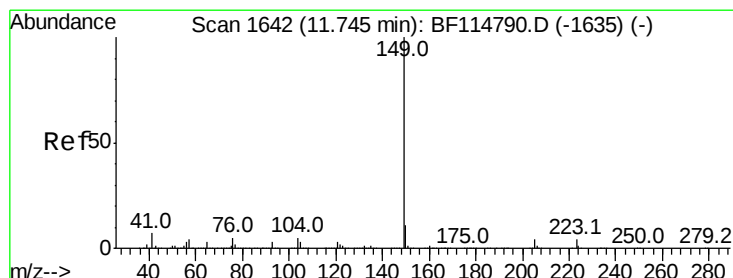
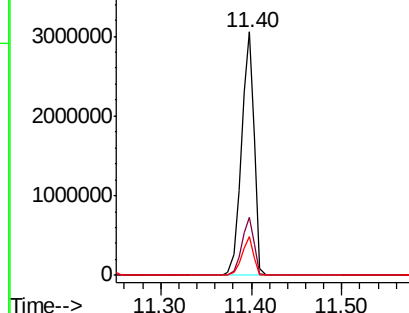
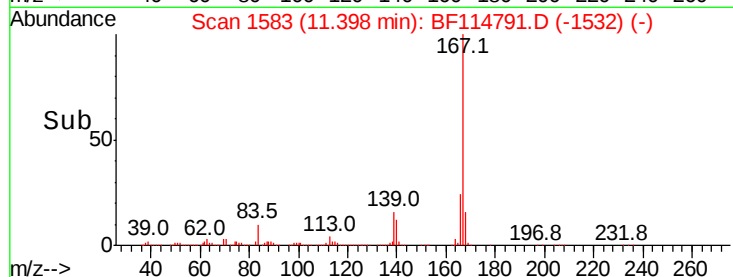


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.794 ng

RT: 11.74 min Scan# 1642

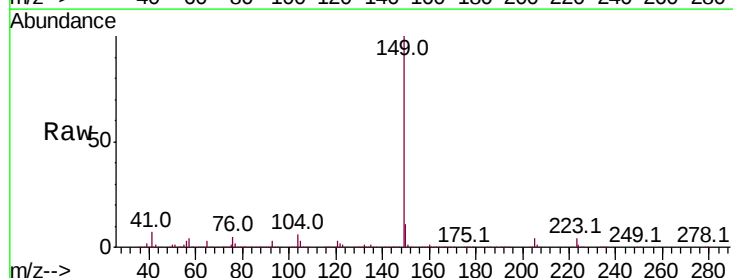
Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Tgt Ion:149 Resp: 3764065

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 11.4  | 8.9   | 13.3  |
| 104 | 5.6   | 4.3   | 6.5   |

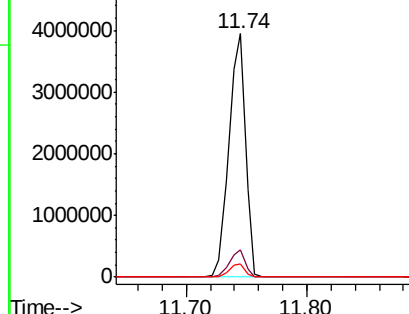
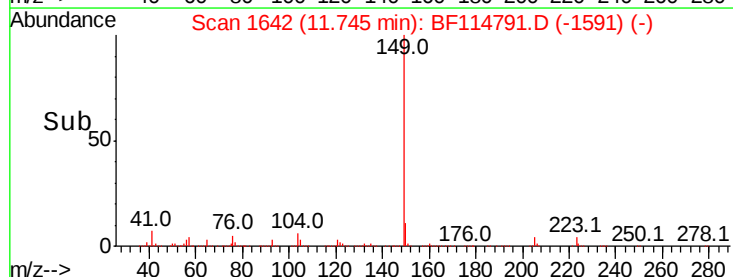


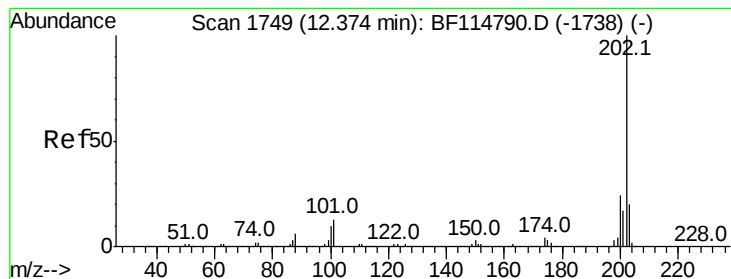
Abundance

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: 50.035 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

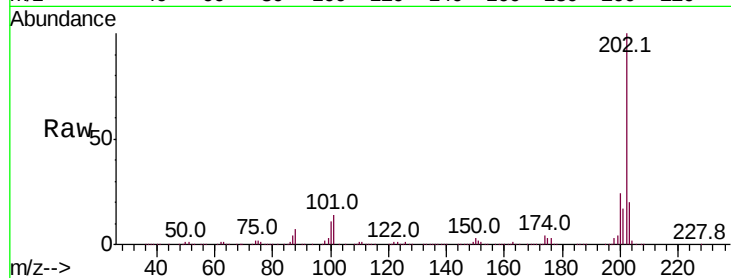
Tot Ion:202 Resp: 3352509

Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.8

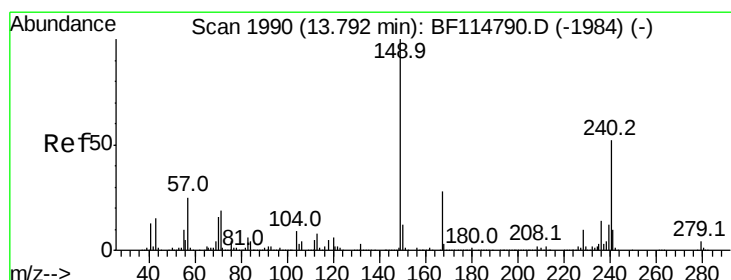
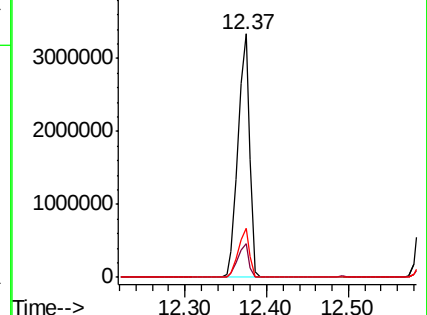
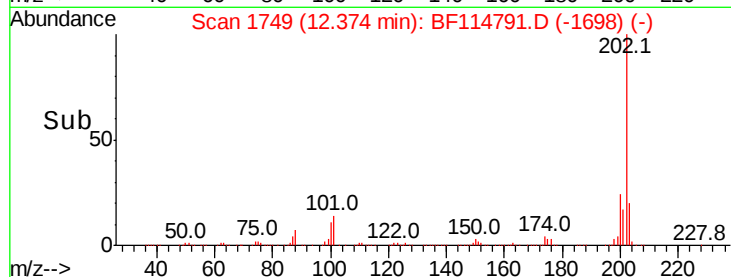
203 19.9 0.2 40.2



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: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

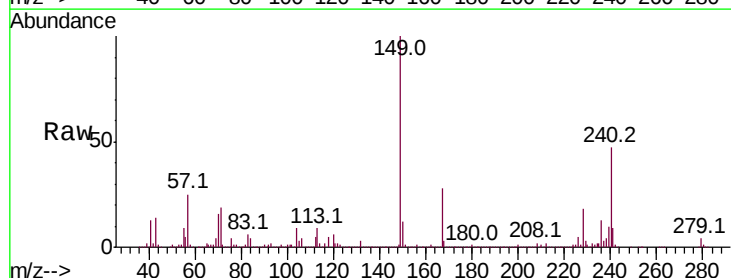
Tgt Ion:240 Resp: 823186

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.4

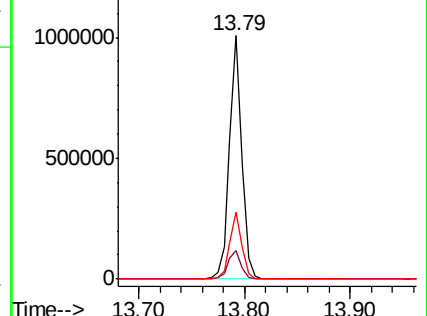
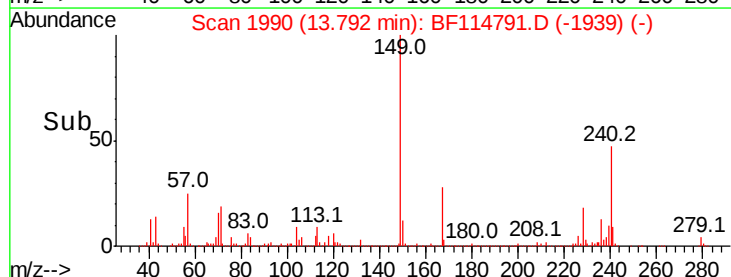
236 27.7 21.4 32.0

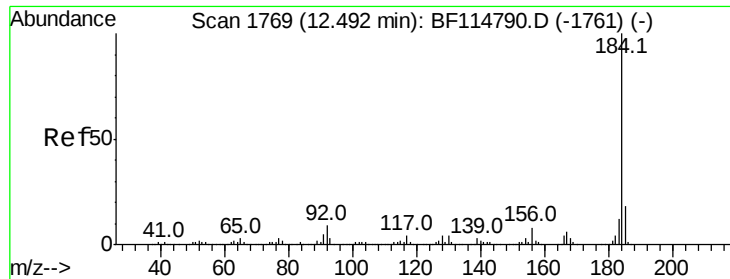


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.913 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

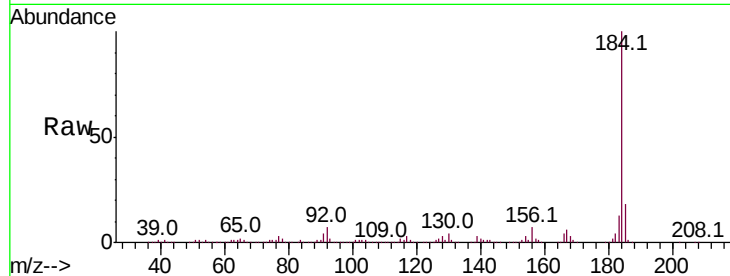
Tot Ion:184 Resp: 2080044

Ion Ratio Lower Upper

184 100

185 18.3 14.1 21.1

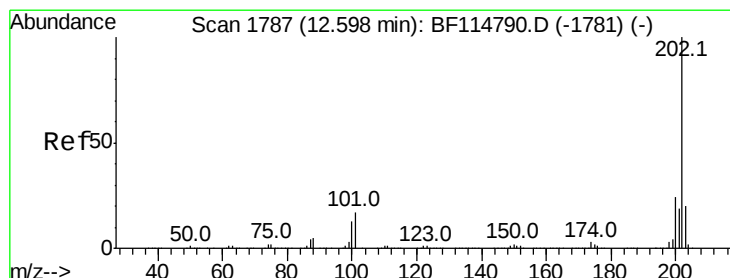
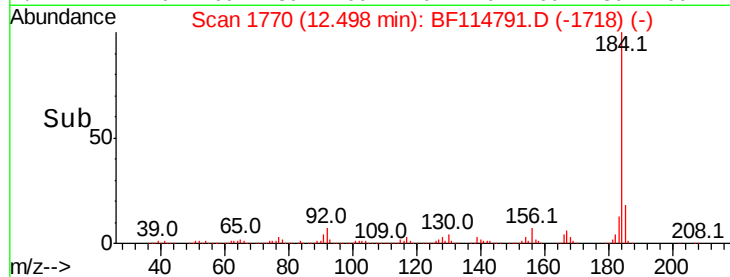
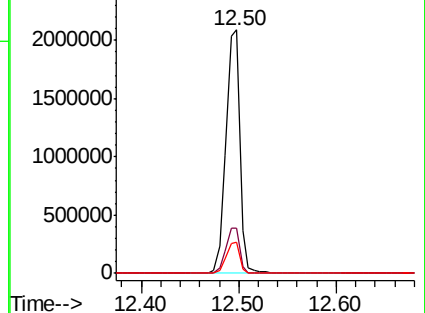
183 12.5 9.9 14.9



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: 49.084 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

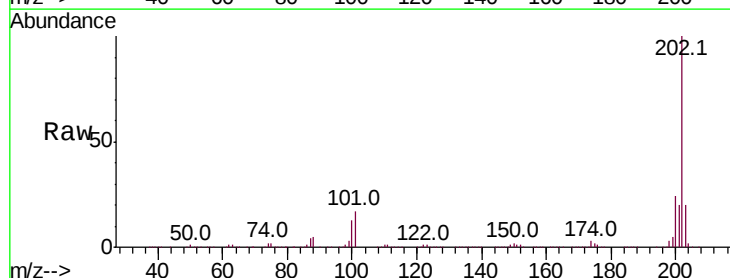
Tgt Ion:202 Resp: 3372129

Ion Ratio Lower Upper

202 100

200 24.1 19.2 28.8

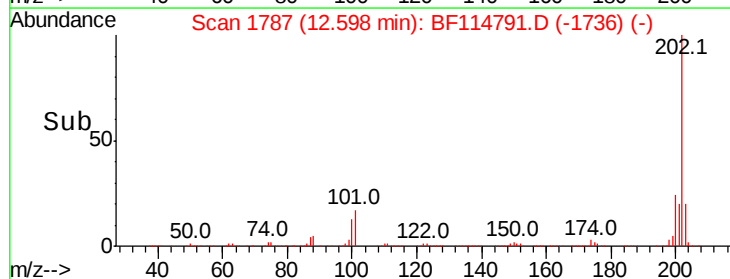
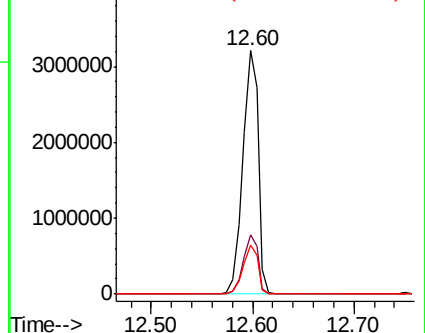
203 20.2 15.9 23.9

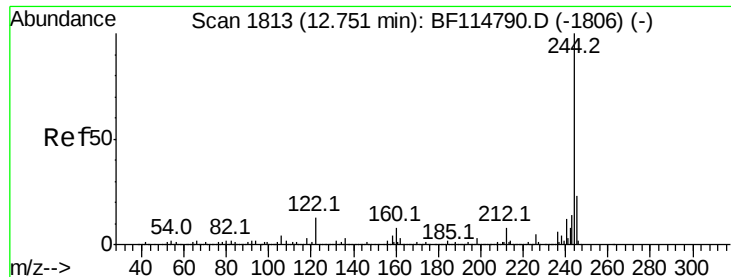


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.065 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

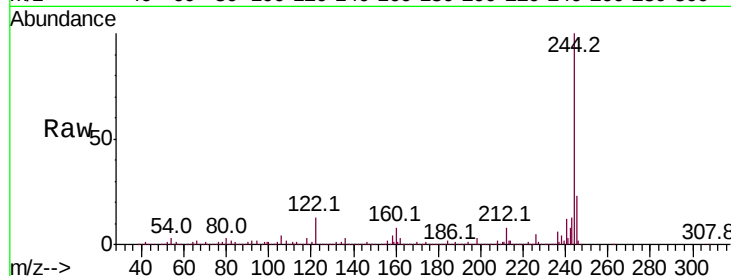
Tot Ion:244 Resp: 3950437

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

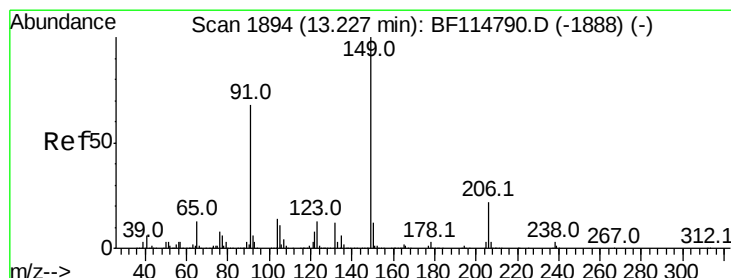
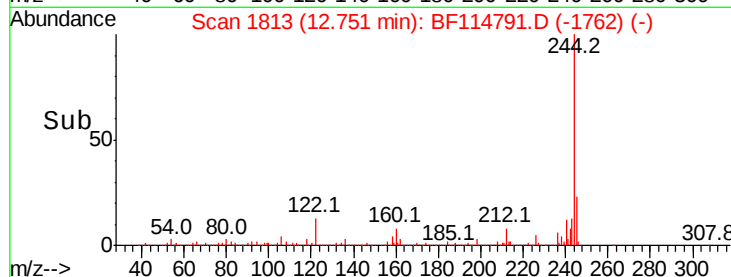
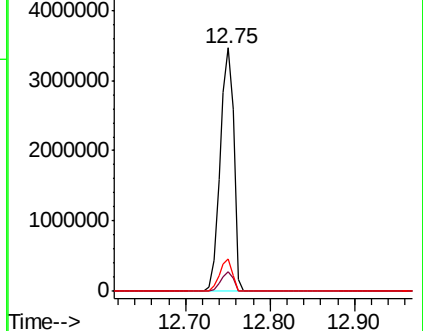
122 13.4 10.5 15.7



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: 49.934 ng

RT: 13.23 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

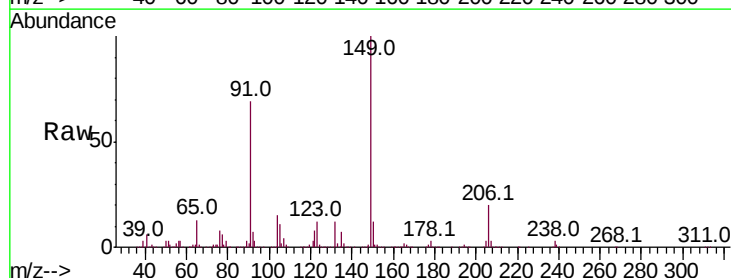
Tgt Ion:149 Resp: 1763657

Ion Ratio Lower Upper

149 100

91 68.9 54.6 82.0

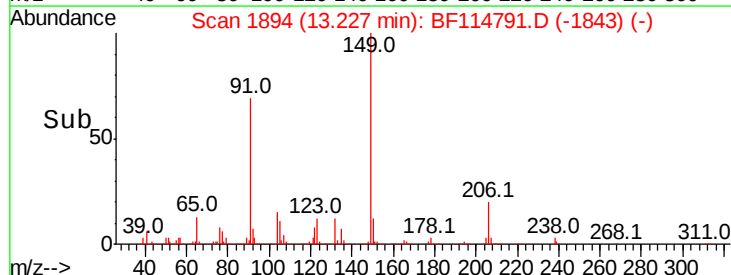
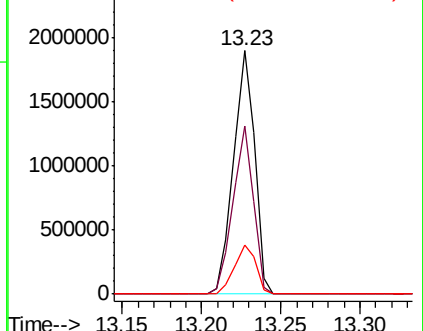
206 20.1 17.2 25.8

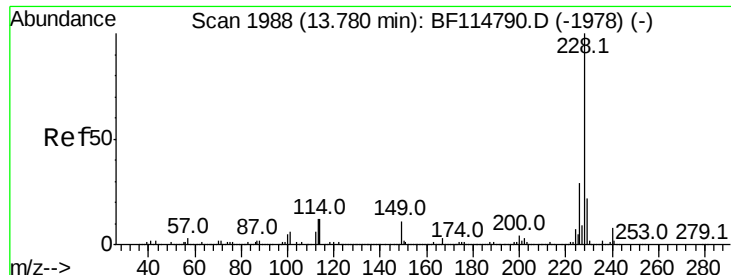


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.038 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

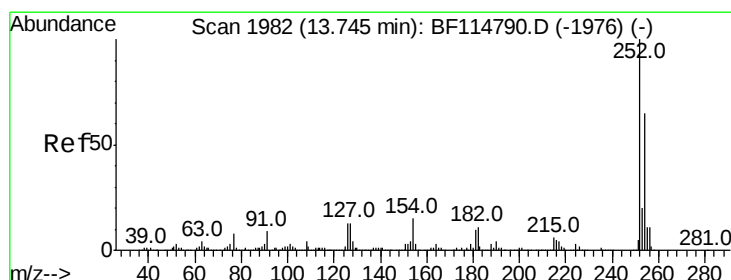
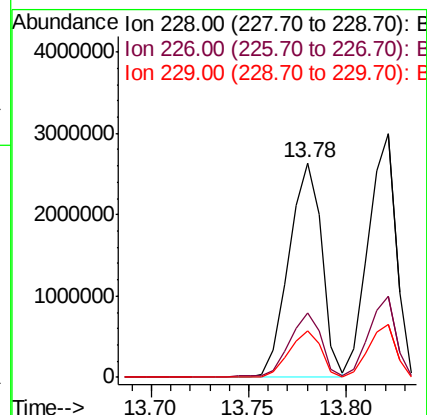
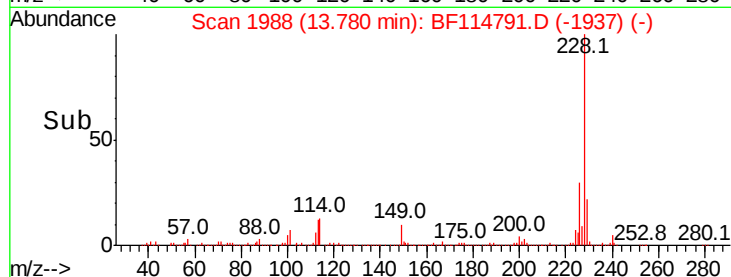
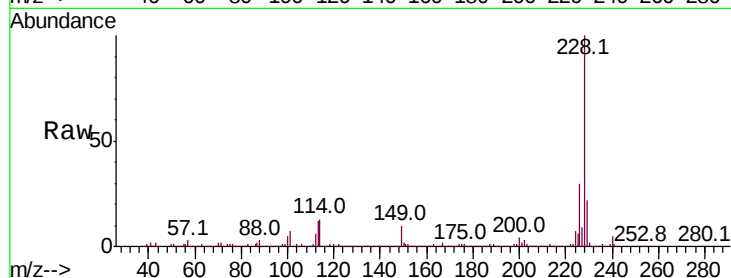
Tot Ion:228 Resp: 3074664

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.9  | 23.4  | 35.2  |
| 229 | 21.6  | 17.4  | 26.0  |

228 100

226 29.9 23.4 35.2

229 21.6 17.4 26.0



#82

3,3'-Dichlorobenzidine

Concen: 51.846 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

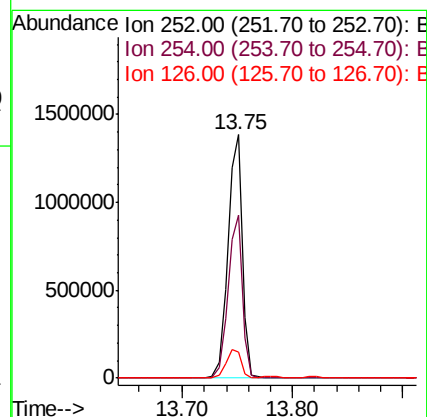
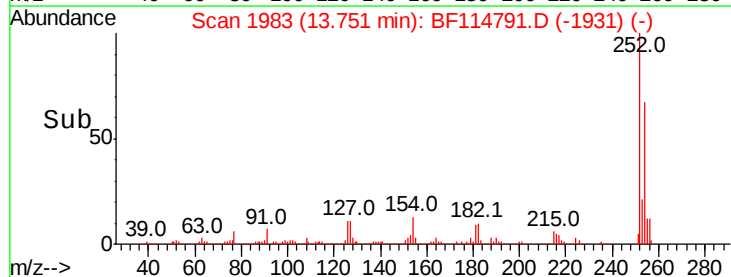
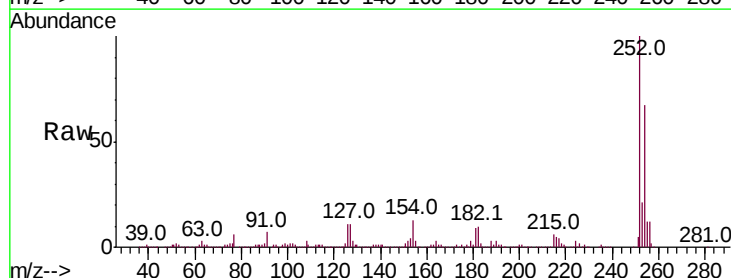
Tgt Ion:252 Resp: 1263570

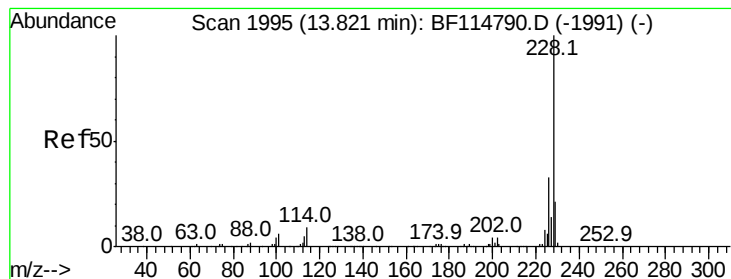
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 66.9  | 51.9  | 77.9  |
| 126 | 10.9  | 10.5  | 15.7  |

252 100

254 66.9 51.9 77.9

126 10.9 10.5 15.7





#83

Chrysene

Concen: 50.002 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

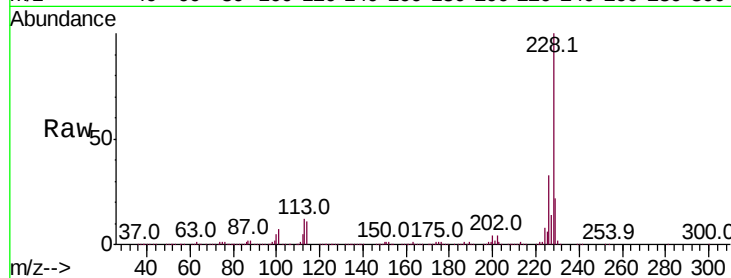
Tot Ion:228 Resp: 2963141

Ion Ratio Lower Upper

228 100

226 33.3 26.0 39.0

229 21.6 17.1 25.7

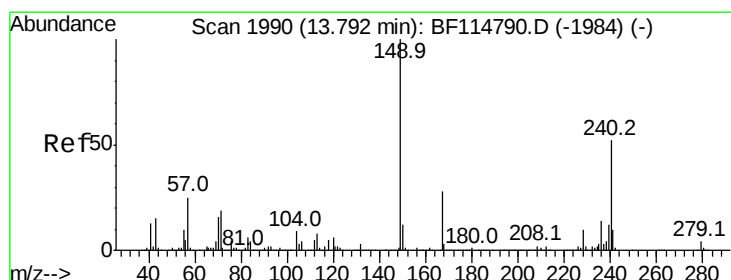
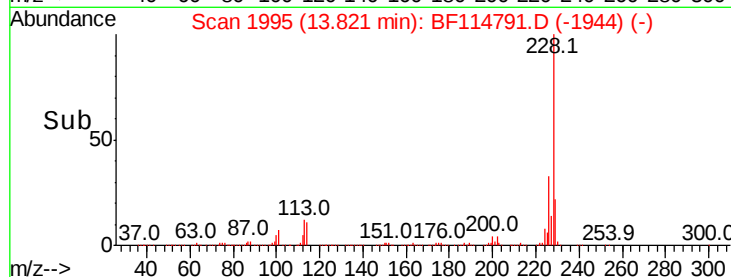
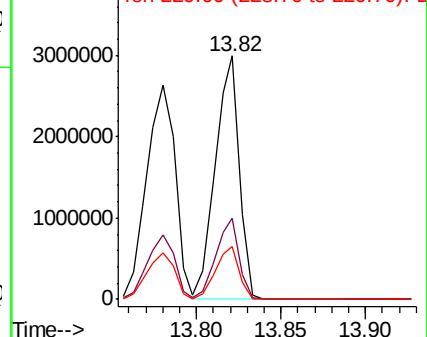


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.100 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

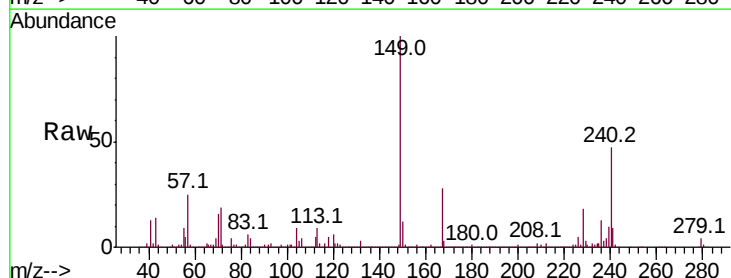
Tgt Ion:149 Resp: 2217423

Ion Ratio Lower Upper

149 100

167 28.1 22.7 34.1

279 3.9 3.1 4.7

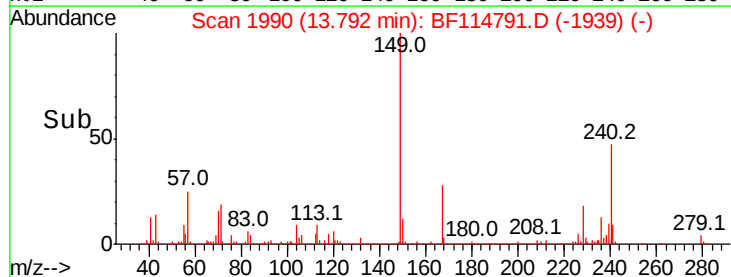
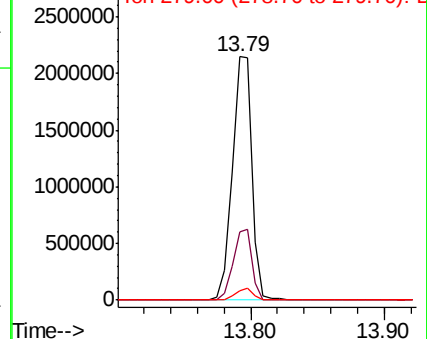


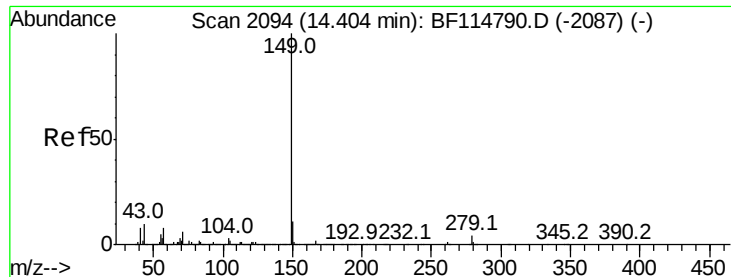
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.528 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

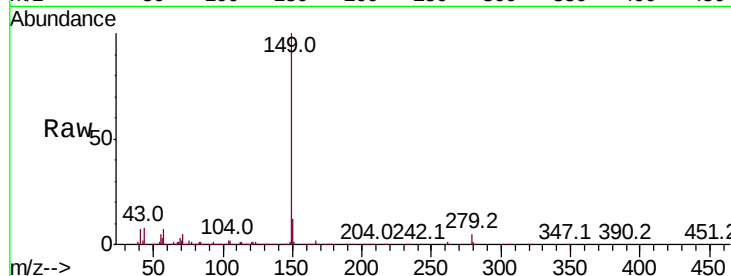
Tot Ion:149 Resp: 3798693

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

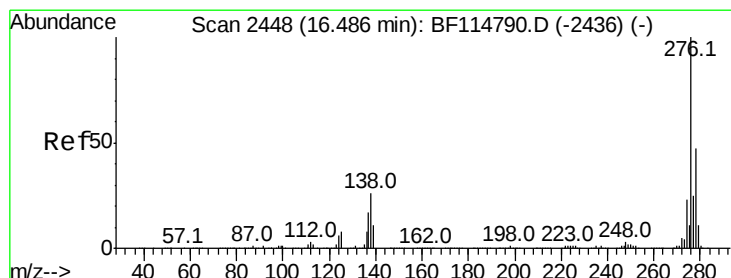
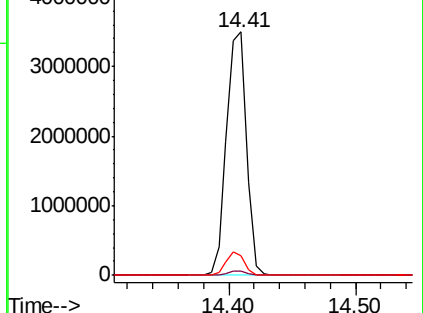
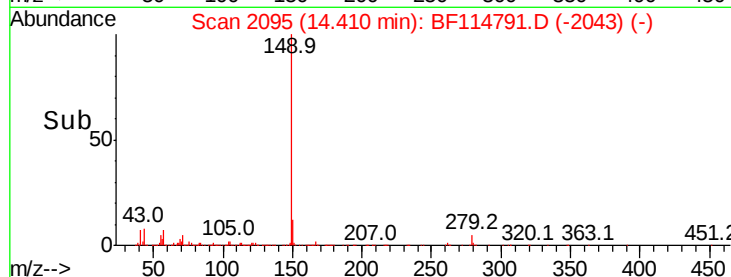
43 8.8 7.0 10.6



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: 50.659 ng

RT: 16.49 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BF114791.D

Acq: 4 Jun 2019 12:50

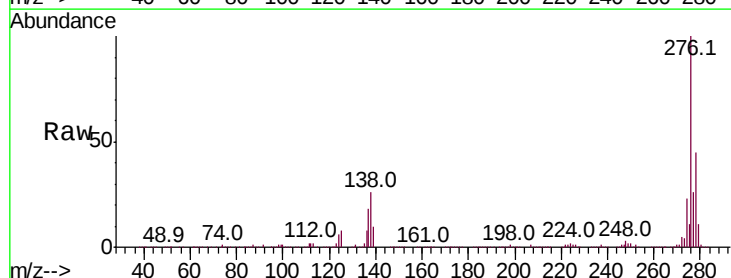
Tgt Ion:276 Resp: 3528582

Ion Ratio Lower Upper

276 100

138 27.8 22.2 33.4

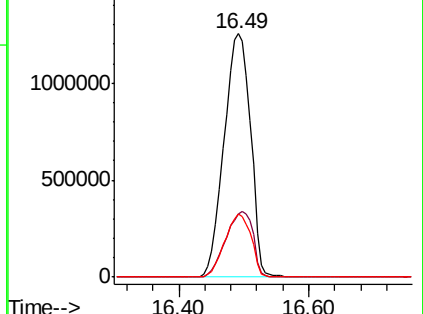
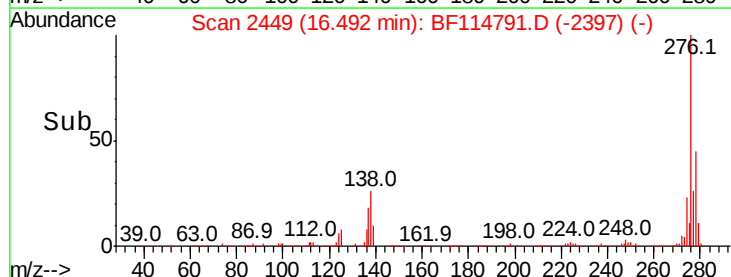
277 25.7 20.6 30.8

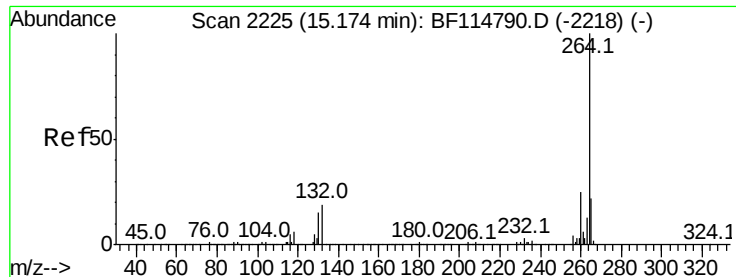


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



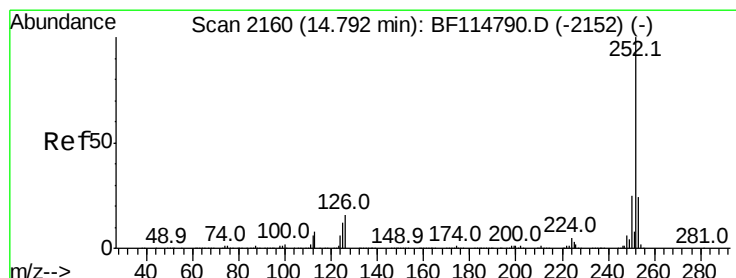
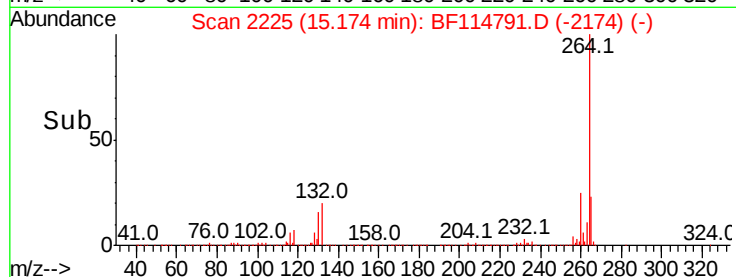
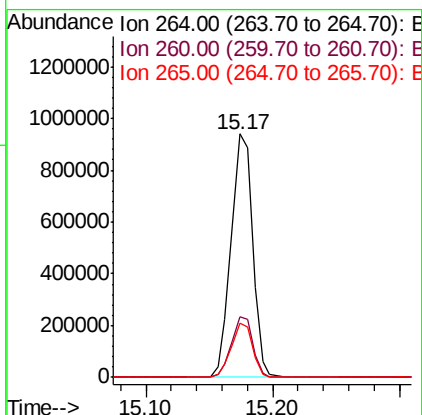
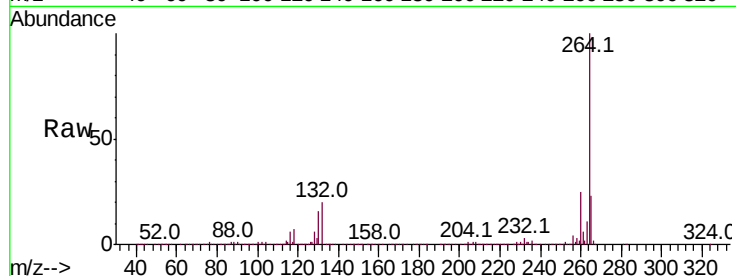


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.17 min Scan# 2225  
Delta R.T. 0.00 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

Tot Ion:264 Resp: 1099983  

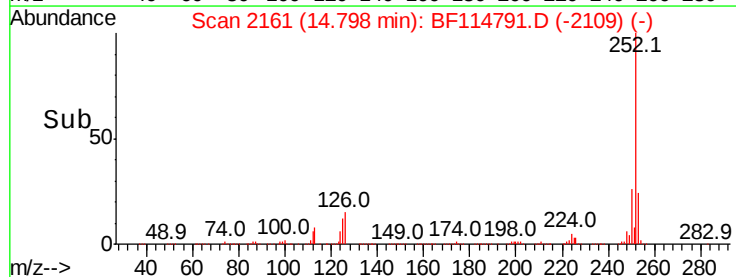
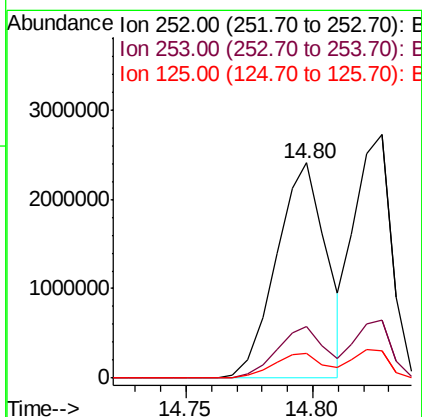
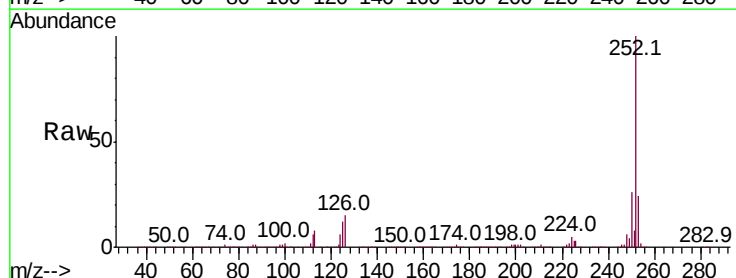
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.8  | 20.1  | 30.1  |
| 265 | 22.5  | 17.7  | 26.5  |

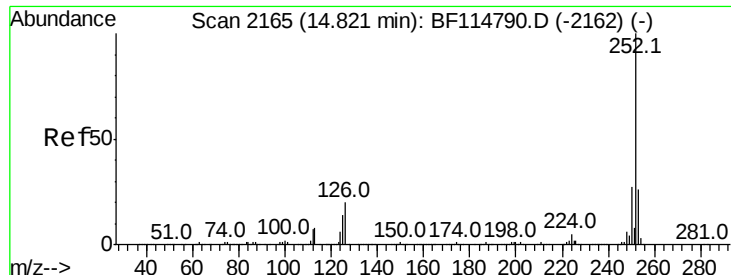


#88  
Benzo(b)fluoranthene  
Concen: 49.736 ng  
RT: 14.80 min Scan# 2161  
Delta R.T. 0.01 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:252 Resp: 3321580  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.1  | 19.0  | 28.6  |
| 125 | 11.7  | 9.4   | 14.0  |

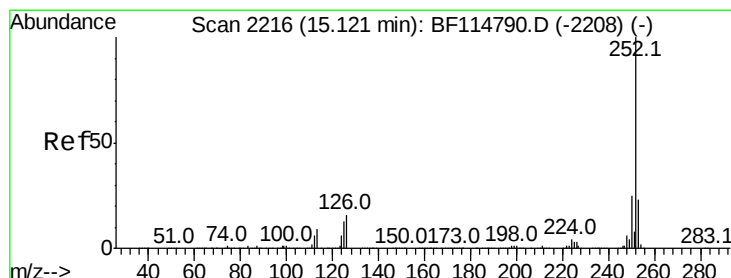
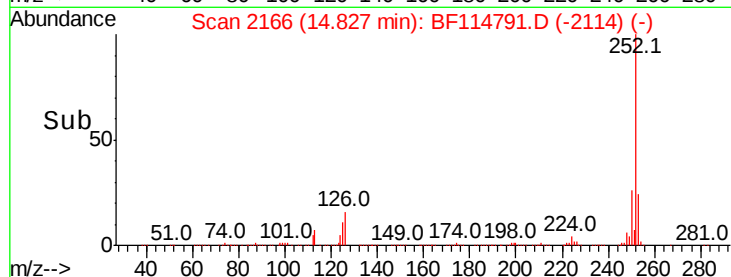
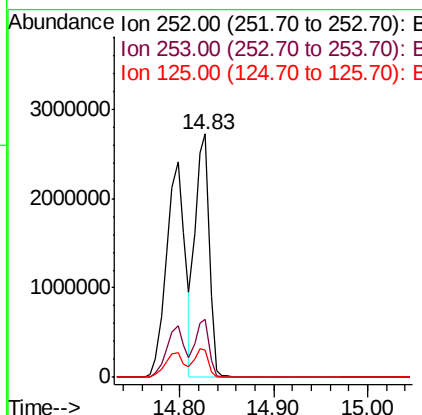
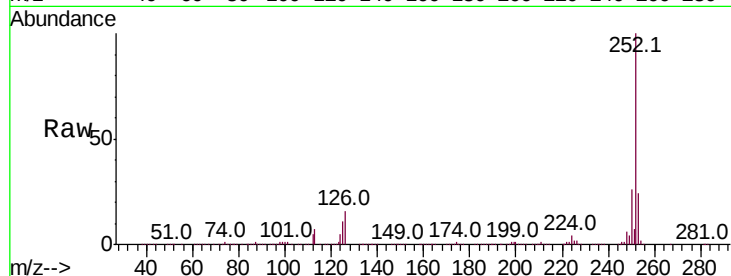




#89  
Benzo(k)fluoranthene  
Concen: 49.778 ng  
RT: 14.83 min Scan# 2166  
Delta R.T. 0.01 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

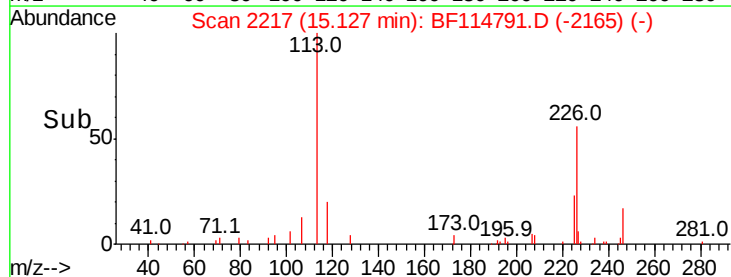
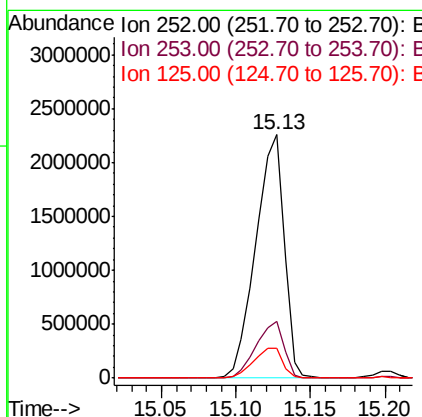
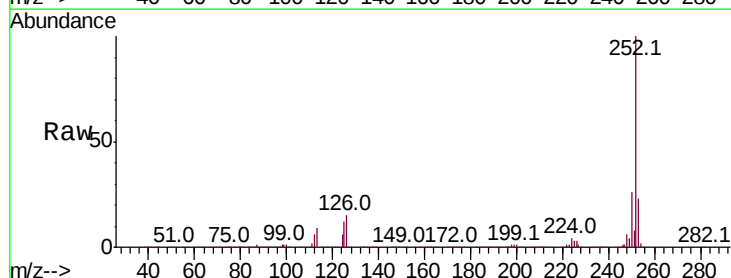
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

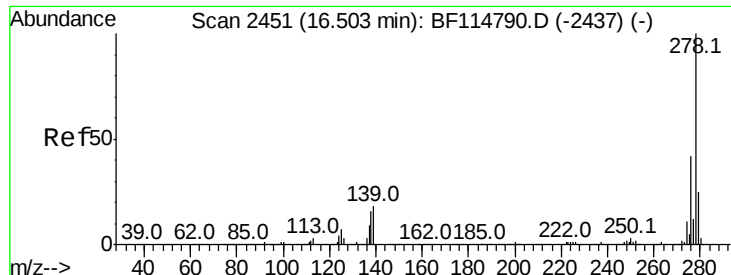
Tot Ion:252 Resp: 2785461  
Ion Ratio Lower Upper  
252 100  
253 23.8 19.3 28.9  
125 11.0 10.1 15.1



#90  
Benzo(a)pyrene  
Concen: 50.382 ng  
RT: 15.13 min Scan# 2217  
Delta R.T. 0.01 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:252 Resp: 2961566  
Ion Ratio Lower Upper  
252 100  
253 23.4 18.5 27.7  
125 12.2 10.1 15.1

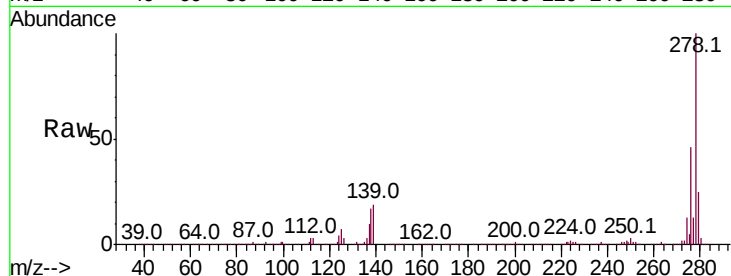




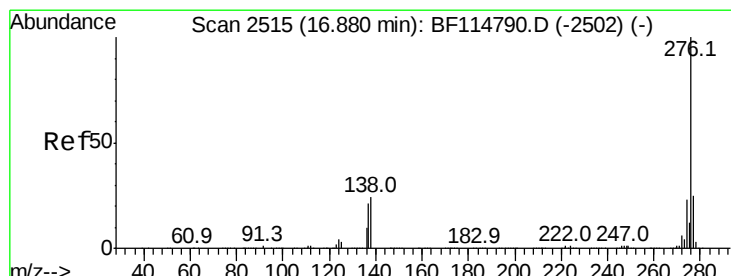
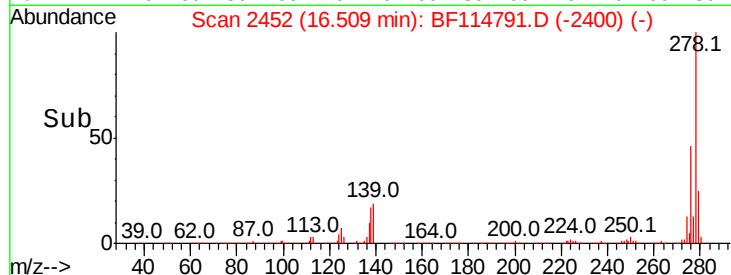
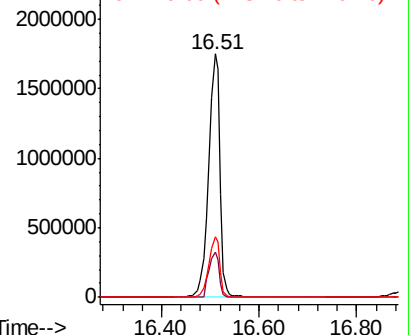
#91  
Dibenzo(a,h)anthracene  
Concen: 50.637 ng  
RT: 16.51 min Scan# 2452  
Delta R.T. 0.01 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tot Ion:278 Resp: 2825281  
Ion Ratio Lower Upper  
278 100  
139 18.7 14.6 22.0  
279 25.1 20.1 30.1

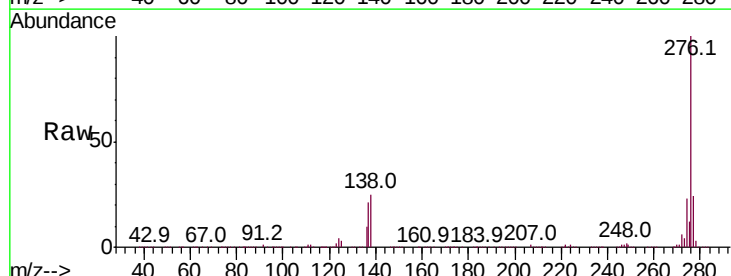


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 51.372 ng  
RT: 16.89 min Scan# 2516  
Delta R.T. 0.01 min  
Lab File: BF114791.D  
Acq: 4 Jun 2019 12:50

Tgt Ion:276 Resp: 2898275  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.8 29.6  
138 25.2 19.4 29.2



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

