

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\  
 Data File : BF114075.D  
 Acq On : 1 May 2019 18:13  
 Operator : JU/SJ  
 Sample : K2191-01MSRE  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-66-TPMSRE

Quant Time: May 02 01:02:36 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 23 03:32:35 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 83623    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 302667   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.94  | 164  | 157760   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 292239   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.07 | 240  | 231245   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.56 | 264  | 190969   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.52  | 112  | 551306   | 112.76 | ng    | 0.00     |
| 7) Phenol-d6                | 6.53  | 99   | 722980   | 117.86 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.46  | 82   | 405269   | 82.67  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.73 | 330  | 216835   | 112.83 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.26  | 172  | 849797   | 84.25  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.00 | 244  | 900054   | 79.80  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.67 | 88   | 80069    | 34.741 | ng    | 98     |
| 3) Pyridine                    | 3.45 | 79   | 207328   | 32.957 | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 3.38 | 42   | 84001    | 39.007 | ng    | # 96   |
| 6) Aniline                     | 6.56 | 93   | 135125   | 16.042 | ng    | 96     |
| 8) 2-Chlorophenol              | 6.69 | 128  | 233234   | 41.783 | ng    | 97     |
| 9) Benzaldehyde                | 6.44 | 77   | 46560    | 8.802  | ng    | 96     |
| 10) Phenol                     | 6.55 | 94   | 270195   | 36.836 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93   | 218453   | 39.577 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146  | 241899   | 38.263 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146  | 237768   | 37.392 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146  | 223069   | 38.171 | ng    | 98     |
| 15) Benzyl Alcohol             | 7.03 | 79   | 180482   | 43.686 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45   | 223103   | 34.625 | ng    | 93     |
| 17) 2-Methylphenol             | 7.15 | 107  | 173272   | 35.412 | ng    | 98     |
| 18) Hexachloroethane           | 7.41 | 117  | 52294    | 23.460 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70   | 145685   | 36.674 | ng    | 98     |
| 20) 3+4-Methylphenols          | 7.30 | 107  | 215904   | 39.055 | ng    | # 68   |
| 22) Acetophenone               | 7.30 | 105  | 296031   | 43.952 | ng    | # 93   |
| 24) Nitrobenzene               | 7.47 | 77   | 221621   | 40.916 | ng    | 99     |
| 25) Isophorone                 | 7.72 | 82   | 404933   | 40.371 | ng    | 100    |
| 26) 2-Nitrophenol              | 7.79 | 139  | 94119    | 38.089 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122  | 186483   | 46.320 | ng    | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93   | 261720   | 40.948 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 8.04 | 162  | 195801   | 42.530 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180  | 205862   | 40.103 | ng    | 98     |
| 31) Naphthalene                | 8.20 | 128  | 610558   | 42.464 | ng    | 99     |
| 32) Benzoic acid               | 7.94 | 122  | 73726    | 27.117 | ng    | 98     |
| 33) 4-Chloroaniline            | 8.25 | 127  | 83948    | 13.798 | ng    | 97     |
| 34) Hexachlorobutadiene        | 8.32 | 225  | 121120   | 37.850 | ng    | 98     |
| 35) Caprolactam                | 8.61 | 113  | 62593    | 42.740 | ng    | 89     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107  | 206824   | 45.345 | ng    | 100    |
| 37) 2-Methylnaphthalene        | 8.89 | 142  | 455385   | 46.967 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 8.99 | 142  | 425150   | 45.431 | ng    | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216  | 227090   | 44.314 | ng    | 98     |

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 Sample : K2191-01MSRE  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

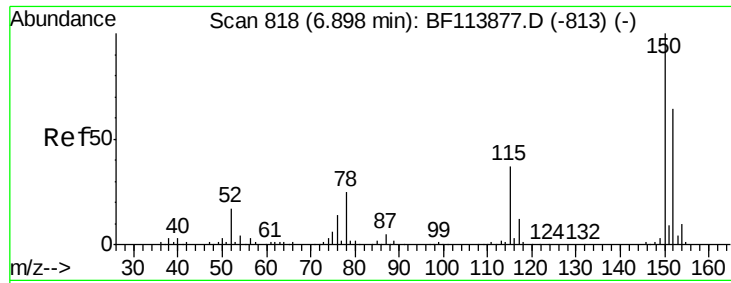
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-66-TPMSRE

Quant Time: May 02 01:02:36 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 23 03:32:35 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 8859     | 3.100  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 153027   | 47.026 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.22  | 196  | 160698   | 44.028 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 511002   | 42.401 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.38  | 162  | 404135   | 41.236 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 122940   | 47.851 | ng    | 89       |
| 49) Acenaphthylene             | 9.80  | 152  | 605990   | 39.496 | ng    | 97       |
| 50) Dimethylphthalate          | 9.65  | 163  | 581726   | 50.986 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.72  | 165  | 96671    | 39.494 | ng    | 95       |
| 52) Acenaphthene               | 9.97  | 154  | 349807   | 38.578 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.88  | 138  | 79472    | 30.897 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 9.99  | 184  | 5740     | 13.175 | ng    | # 7      |
| 55) Dibenzofuran               | 10.14 | 168  | 557009   | 41.009 | ng    | 98       |
| 56) 4-Nitrophenol              | 10.05 | 139  | 163308   | 80.188 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 118052   | 38.209 | ng    | 97       |
| 58) Fluorene                   | 10.49 | 166  | 416051   | 40.686 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 128261   | 39.988 | ng    | 99       |
| 60) Diethylphthalate           | 10.35 | 149  | 470307   | 43.408 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 225688   | 41.674 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 109592   | 43.661 | ng    | 99       |
| 63) Azobenzene                 | 10.63 | 77   | 393550   | 37.478 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 6069     | 11.149 | ng    | 77       |
| 66) n-Nitrosodiphenylamine     | 10.59 | 169  | 387162   | 44.153 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.96 | 248  | 142521   | 40.370 | ng    | 98       |
| 68) Hexachlorobenzene          | 11.04 | 284  | 150189   | 38.713 | ng    | 99       |
| 69) Atrazine                   | 11.12 | 200  | 120496   | 42.242 | ng    | 100      |
| 70) Pentachlorophenol          | 11.23 | 266  | 155001   | 70.566 | ng    | 97       |
| 71) Phenanthrene               | 11.45 | 178  | 608437   | 41.428 | ng    | 98       |
| 72) Anthracene                 | 11.50 | 178  | 672652   | 45.354 | ng    | 98       |
| 73) Carbazole                  | 11.65 | 167  | 639877   | 48.360 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.98 | 149  | 799427   | 51.362 | ng    | 98       |
| 75) Fluoranthene               | 12.65 | 202  | 663478   | 41.407 | ng    | 98       |
| 77) Benzidine                  | 12.75 | 184  | 111866   | 16.236 | ng    | 98       |
| 78) Pyrene                     | 12.87 | 202  | 663785   | 41.047 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 291297   | 45.783 | ng    | 96       |
| 81) Benzo(a)anthracene         | 14.06 | 228  | 576299   | 42.299 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 14.01 | 252  | 153891   | 30.816 | ng    | 98       |
| 83) Chrysene                   | 14.09 | 228  | 557827   | 42.040 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 442859   | 54.707 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.66 | 149  | 798959   | 63.055 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.07 | 276  | 433330   | 34.477 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.12 | 252  | 550312   | 45.546 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.15 | 252  | 446040   | 42.917 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.50 | 252  | 420507   | 40.237 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.08 | 278  | 377253   | 38.455 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.52 | 276  | 348829   | 35.234 | ng    | 99       |

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



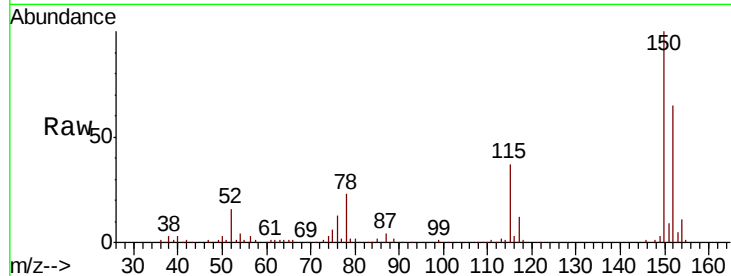


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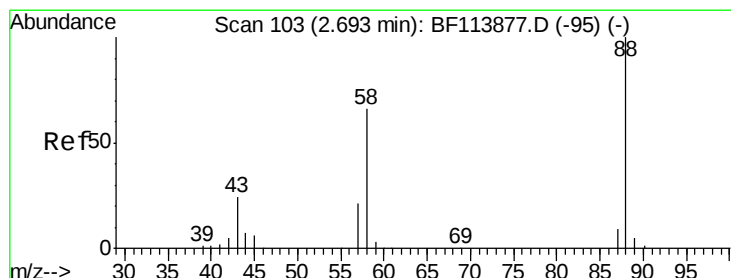
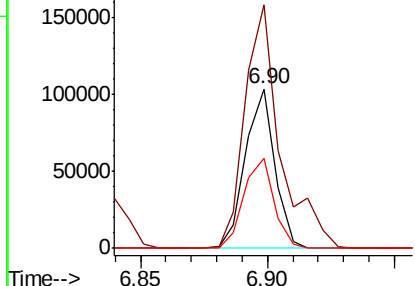
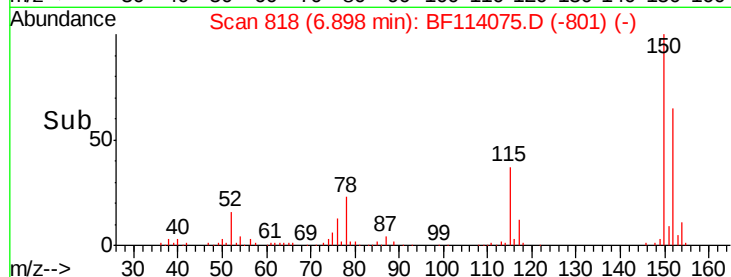
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.90 min Scan# 818  
 Delta R.T. 0.00 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Instrument :  
 BNA\_F  
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 P-66-TPMSRE

Tot Ion:152 Resp: 83623  
 Ion Ratio Lower Upper  
 152 100  
 150 152.7 125.9 188.9  
 115 56.3 45.9 68.9



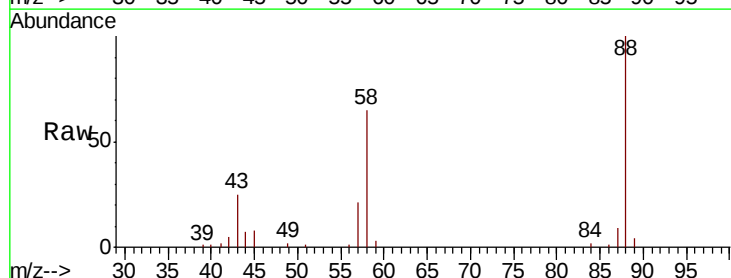
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



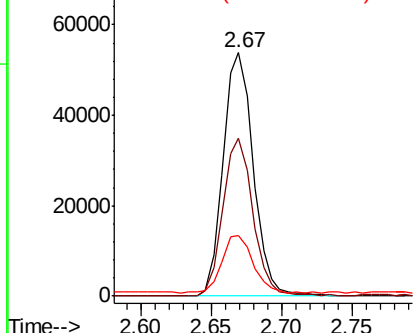
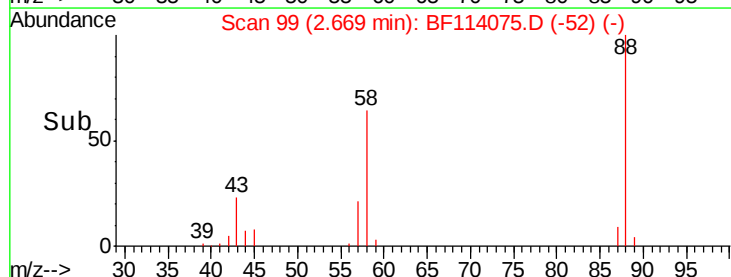
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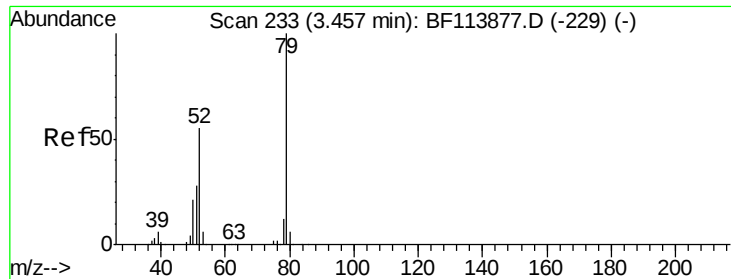
1,4-Dioxane  
 Concen: 34.741 ng  
 RT: 2.67 min Scan# 99  
 Delta R.T. -0.02 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Tgt Ion: 88 Resp: 80069  
 Ion Ratio Lower Upper  
 88 100  
 58 64.7 53.3 79.9  
 43 24.1 19.0 28.4



Abundance Ion 88.00 (87.70 to 88.70): BF1  
 Ion 58.00 (57.70 to 58.70): BF1  
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.957 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

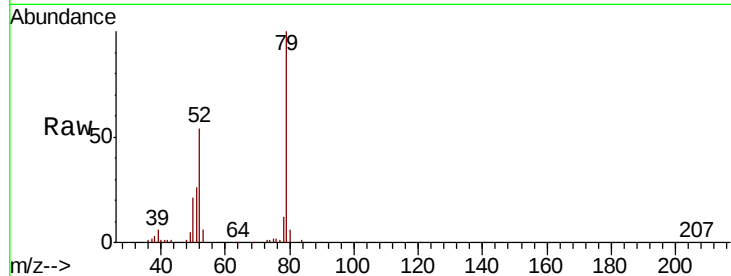
Tot Ion: 79 Resp: 207328

Ion Ratio Lower Upper

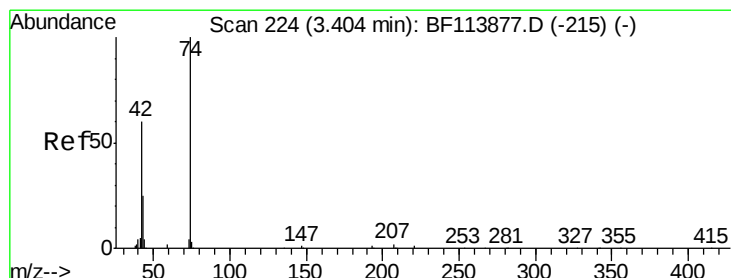
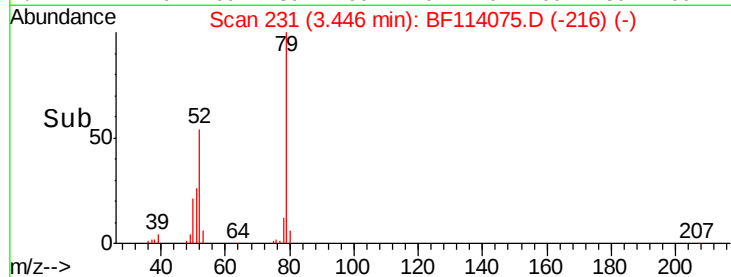
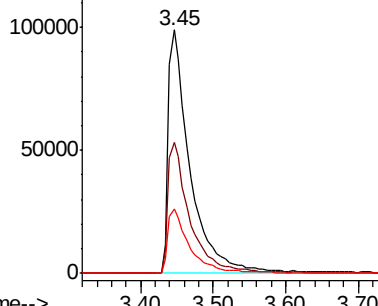
79 100

52 54.0 45.3 67.9

51 26.3 22.1 33.1



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: 39.007 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.03 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

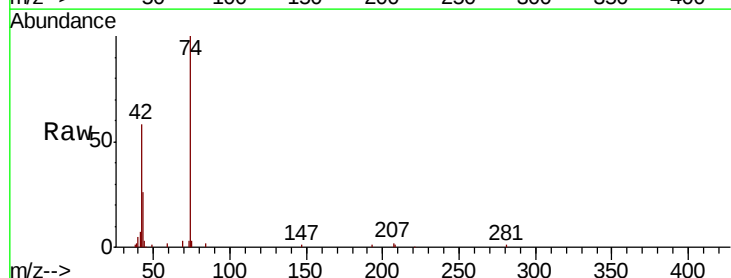
Tgt Ion: 42 Resp: 84001

Ion Ratio Lower Upper

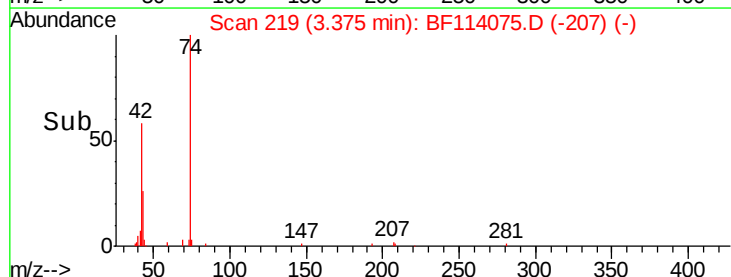
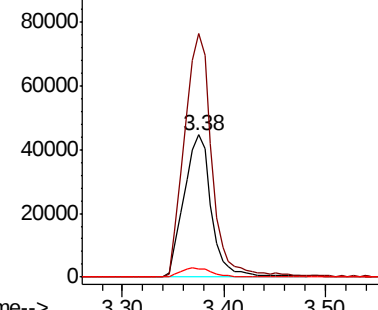
42 100

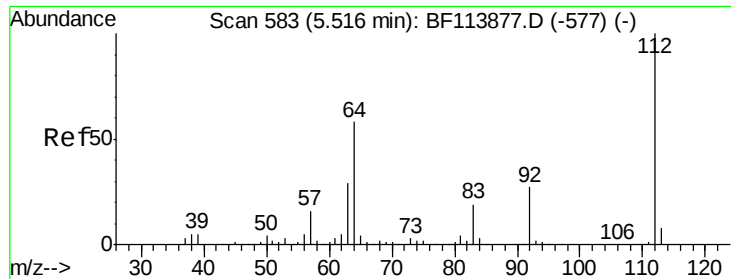
74 171.1 132.6 198.8

44 5.6 5.8 8.8#



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: 112.760 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

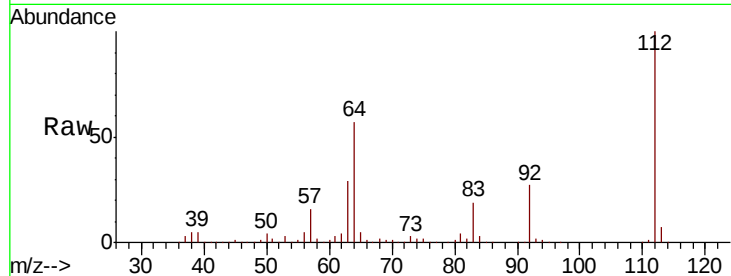
Tot Ion: 112 Resp: 551306

Ion Ratio Lower Upper

112 100

64 56.7 46.6 69.8

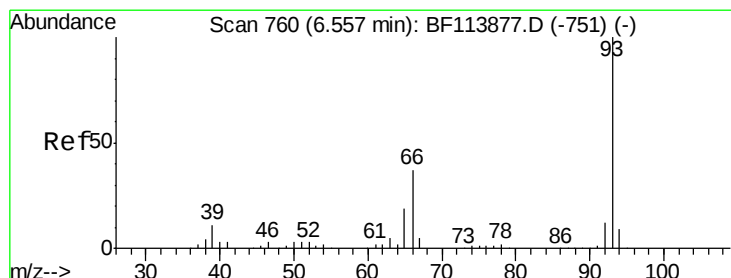
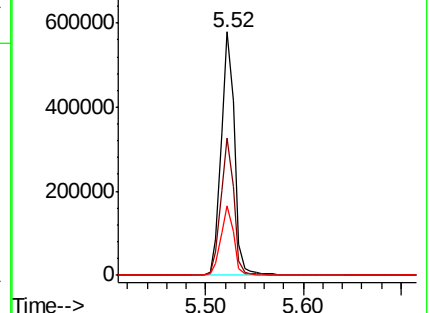
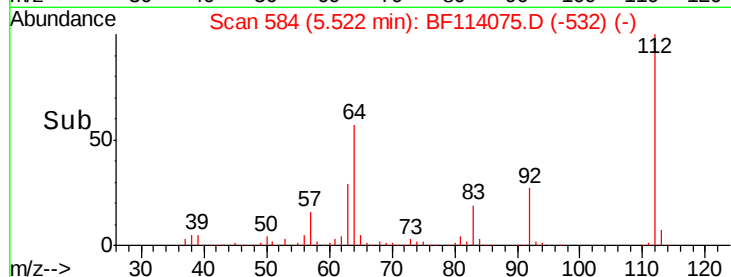
63 28.7 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.042 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

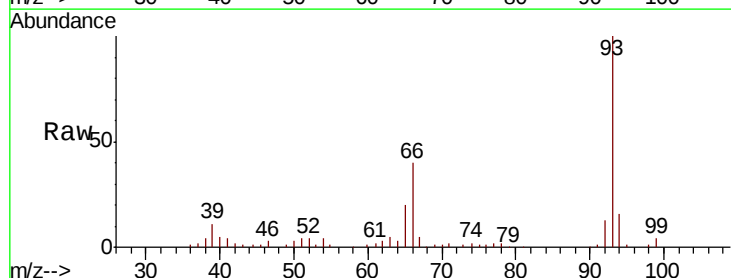
Tgt Ion: 93 Resp: 135125

Ion Ratio Lower Upper

93 100

66 39.9 29.8 44.6

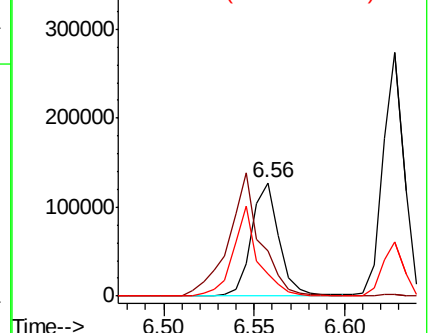
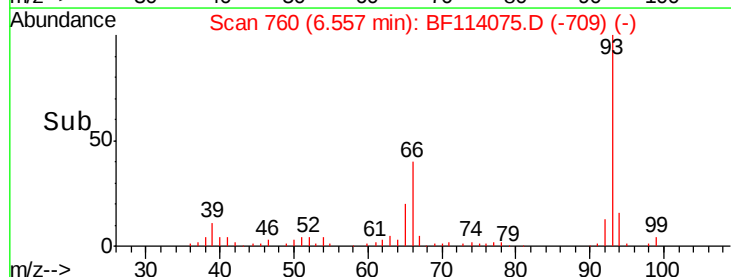
65 20.0 14.9 22.3

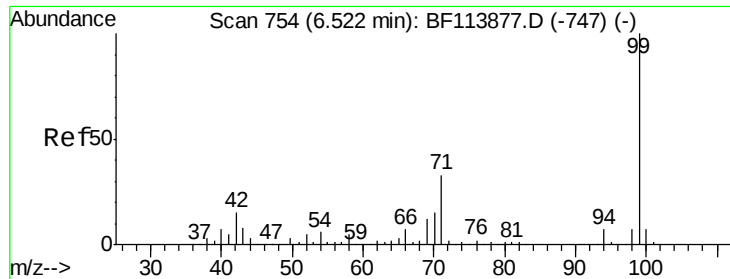


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.862 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

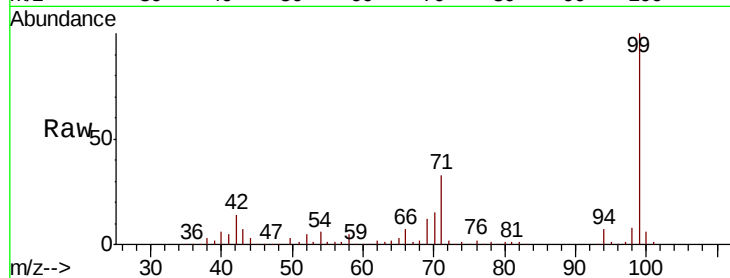
Tot Ion: 99 Resp: 722980

Ion Ratio Lower Upper

99 100

42 14.3 12.5 18.7

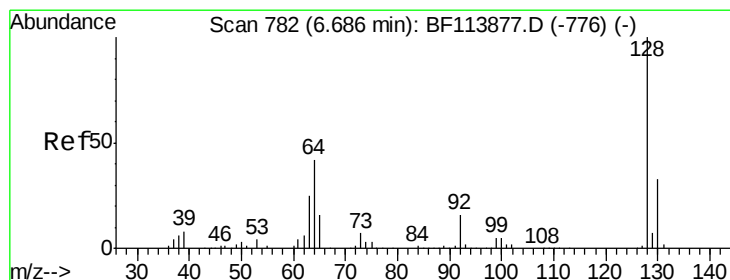
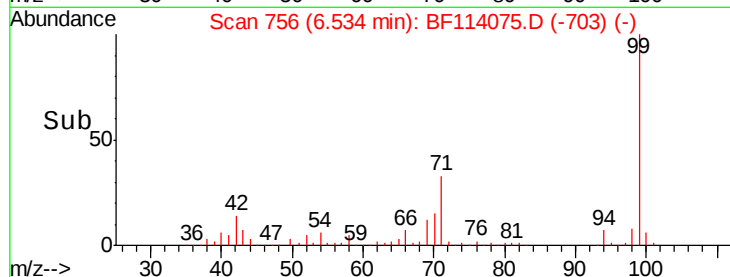
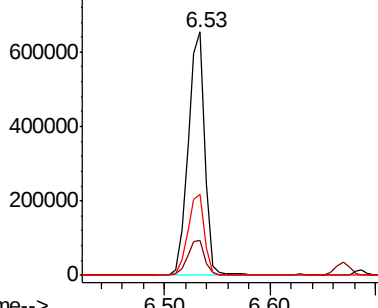
71 33.1 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.783 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

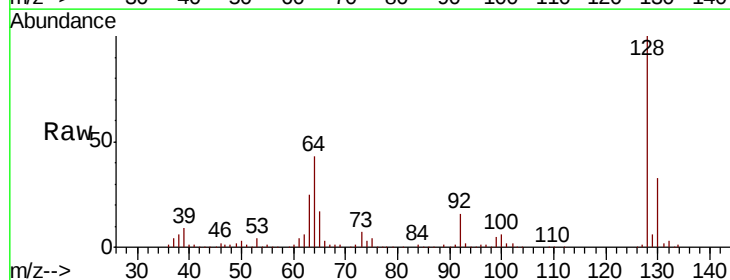
Tgt Ion: 128 Resp: 233234

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

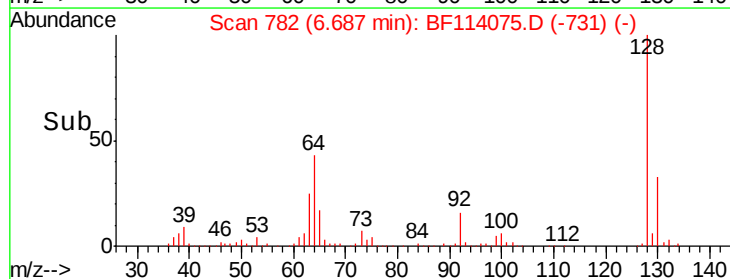
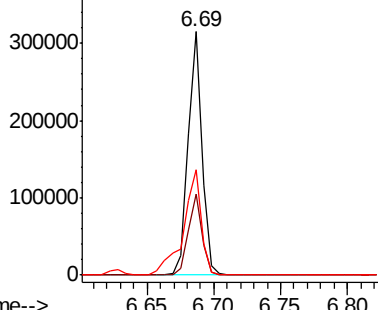
64 43.1 26.1 66.1

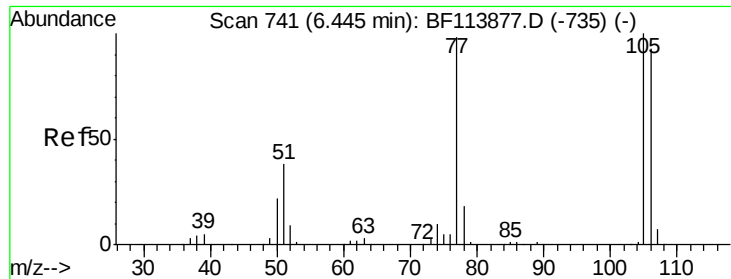


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

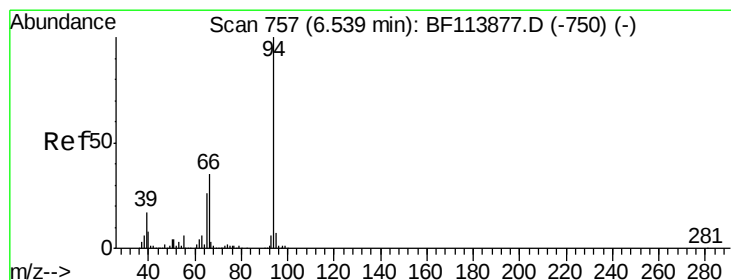
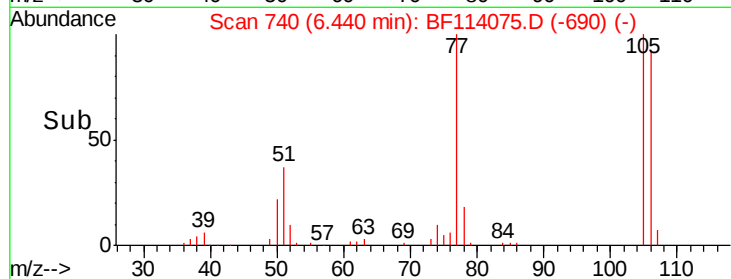
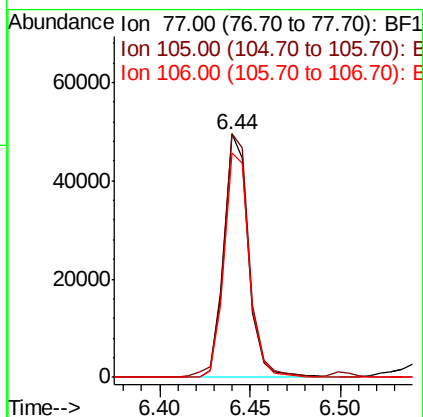
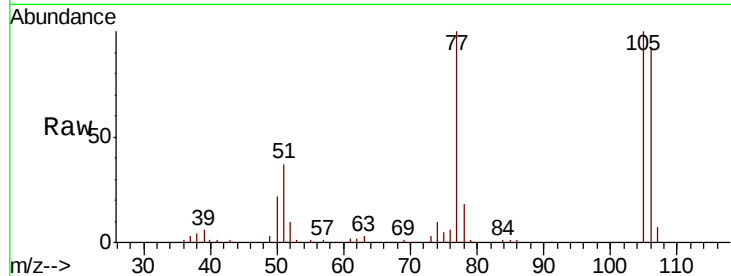




#9  
Benzaldehyde  
Concen: 8.802 ng  
RT: 6.44 min Scan# 740  
Delta R.T. -0.01 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

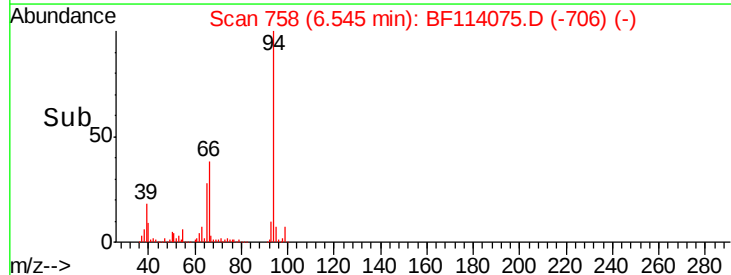
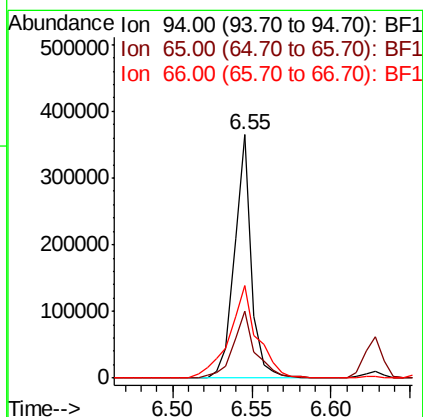
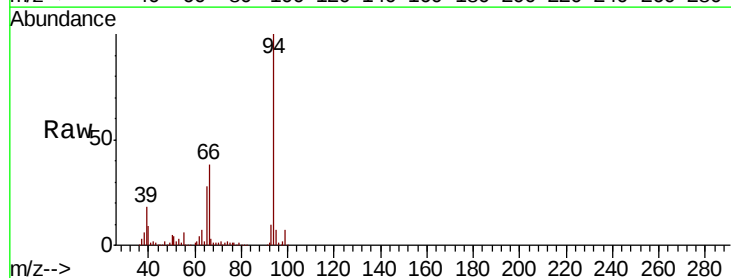
Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

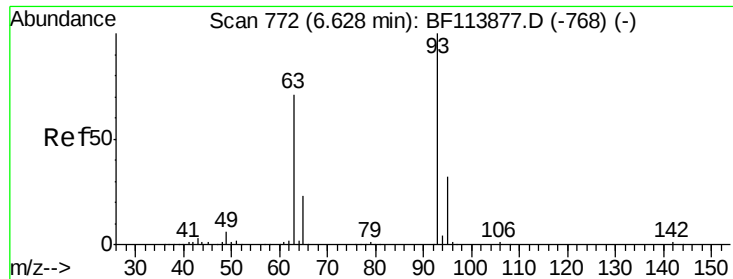
Tot Ion: 77 Resp: 46560  
Ion Ratio Lower Upper  
77 100  
105 100.0 74.1 114.1  
106 92.0 70.3 110.3



#10  
Phenol  
Concen: 36.836 ng  
RT: 6.55 min Scan# 758  
Delta R.T. 0.01 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

Tgt Ion: 94 Resp: 270195  
Ion Ratio Lower Upper  
94 100  
65 27.6 8.1 48.1  
66 37.9 16.6 56.6

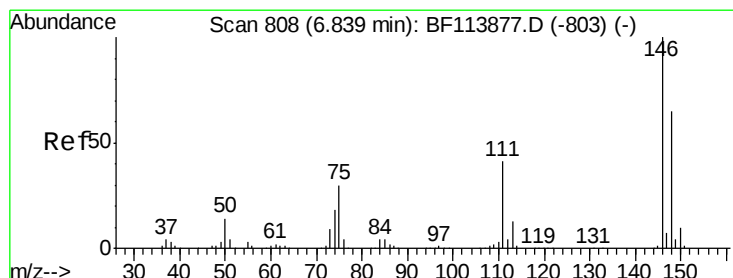
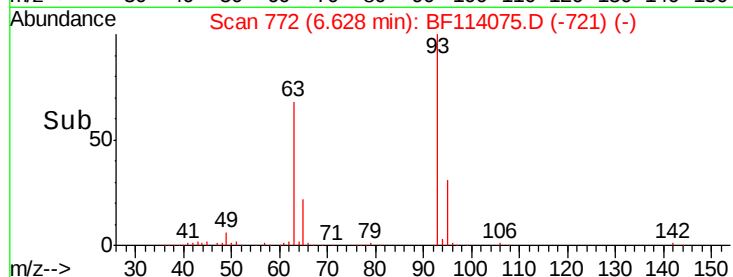
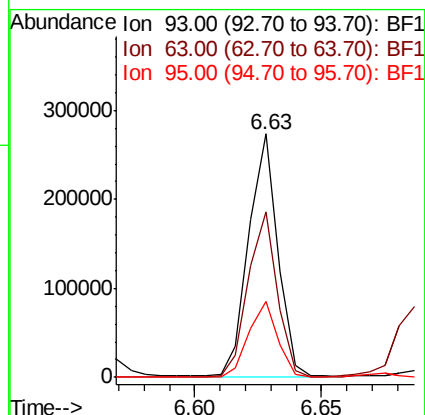
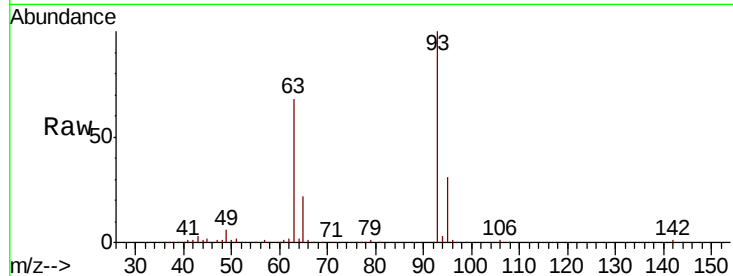




#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.577 ng  
 RT: 6.63 min Scan# 772  
 Delta R.T. 0.00 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

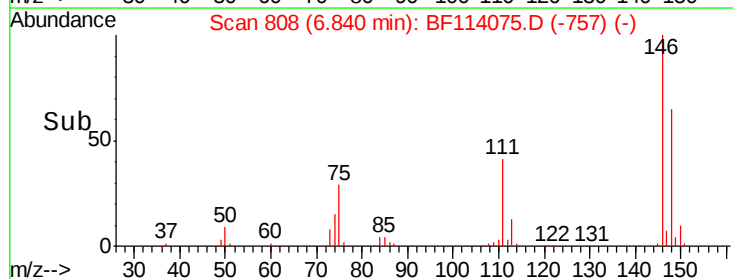
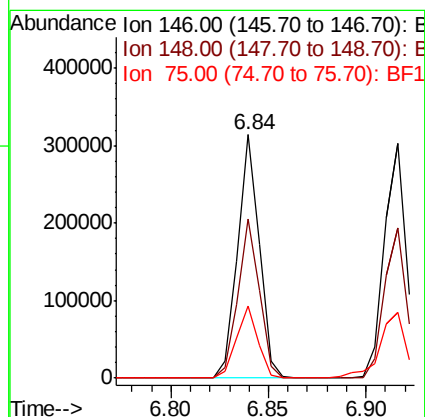
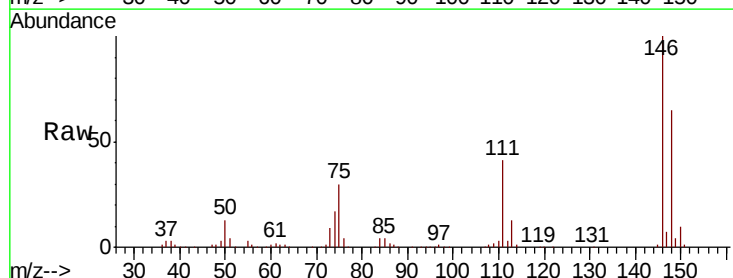
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-66-TPMSRE

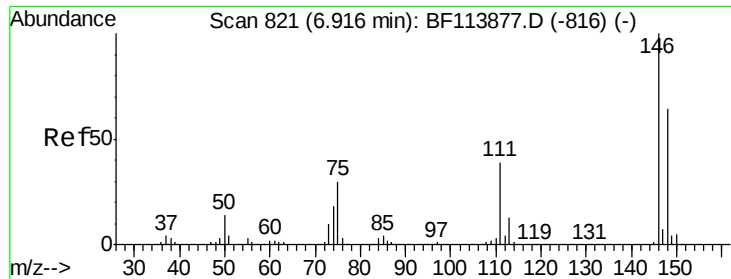
Tot Ion: 93 Resp: 218453  
 Ion Ratio Lower Upper  
 93 100  
 63 68.0 50.7 90.7  
 95 31.5 12.3 52.3



#12  
 1,3-Dichlorobenzene  
 Concen: 38.263 ng  
 RT: 6.84 min Scan# 808  
 Delta R.T. 0.00 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Tgt Ion: 146 Resp: 241899  
 Ion Ratio Lower Upper  
 146 100  
 148 65.4 51.0 76.6  
 75 29.5 23.8 35.8

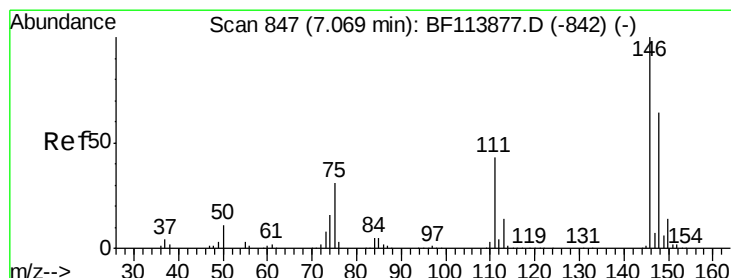
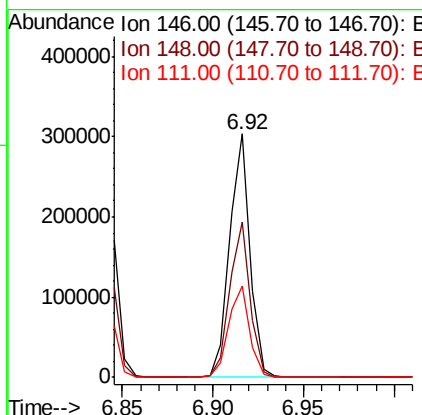
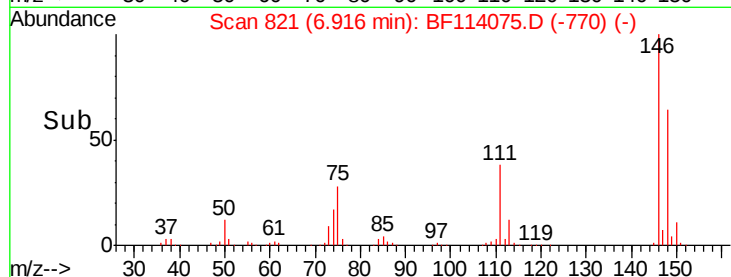
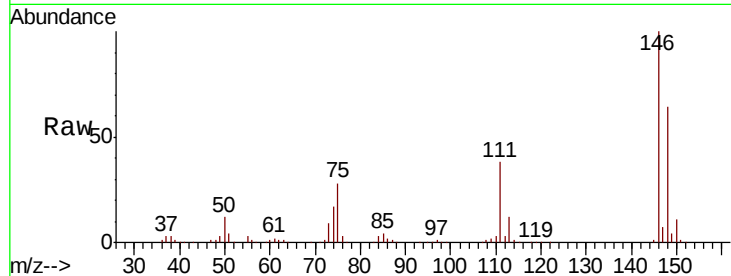




#13  
 1,4-Dichlorobenzene  
 Concen: 37.392 ng  
 RT: 6.92 min Scan# 821  
 Delta R.T. 0.00 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

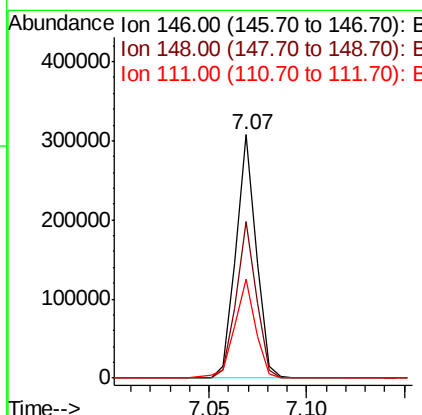
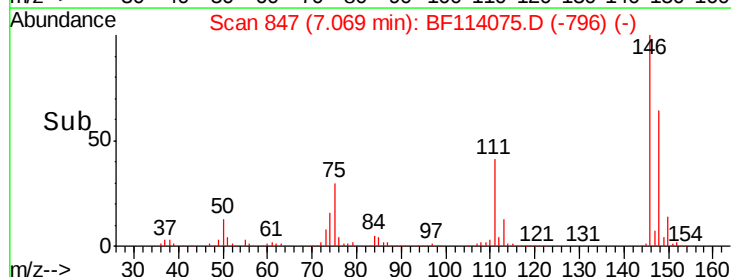
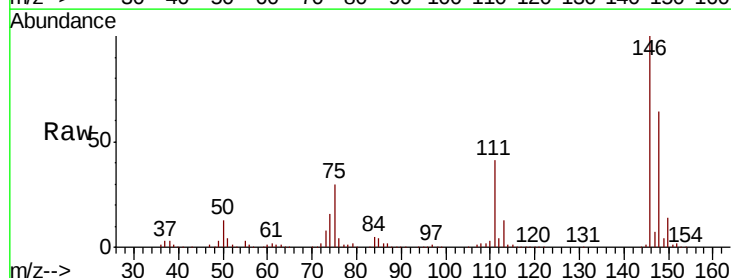
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-66-TPMSRE

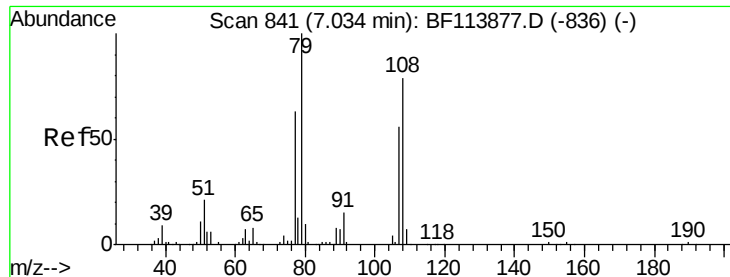
Tot Ion:146 Resp: 237768  
 Ion Ratio Lower Upper  
 146 100  
 148 63.9 51.8 77.8  
 111 37.6 30.9 46.3



#14  
 1,2-Dichlorobenzene  
 Concen: 38.171 ng  
 RT: 7.07 min Scan# 847  
 Delta R.T. 0.00 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Tgt Ion:146 Resp: 223069  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 52.1 78.1  
 111 40.9 34.2 51.4





#15

Benzyl Alcohol

Concen: 43.686 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

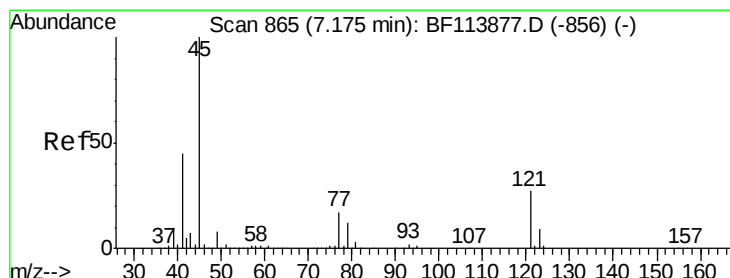
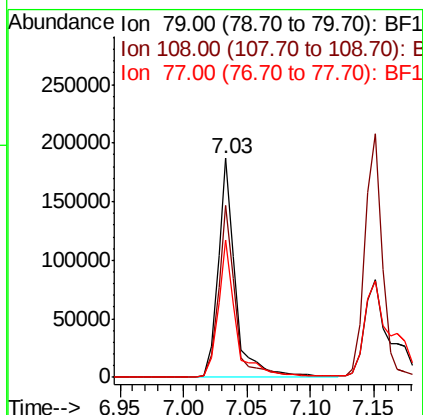
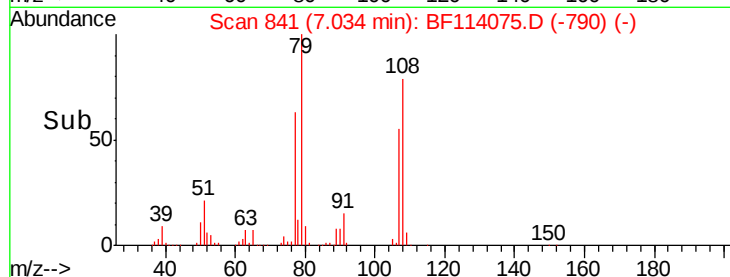
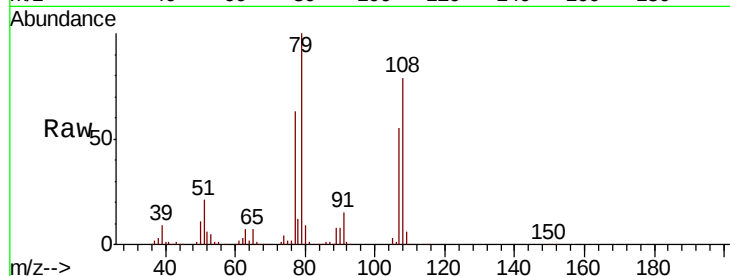
Tot Ion: 79 Resp: 180482

Ion Ratio Lower Upper

79 100

108 78.6 61.4 92.0

77 62.9 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.625 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

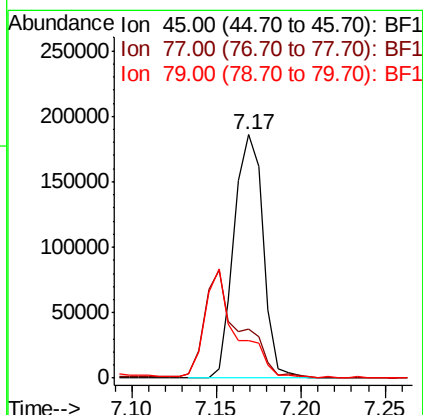
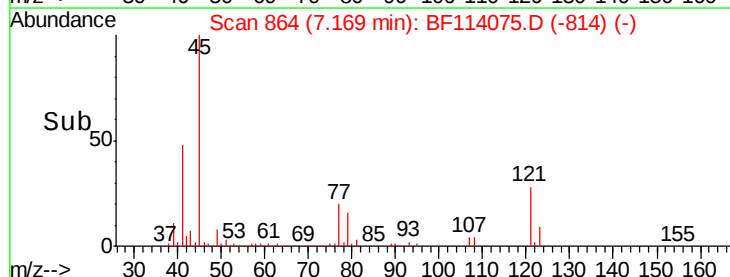
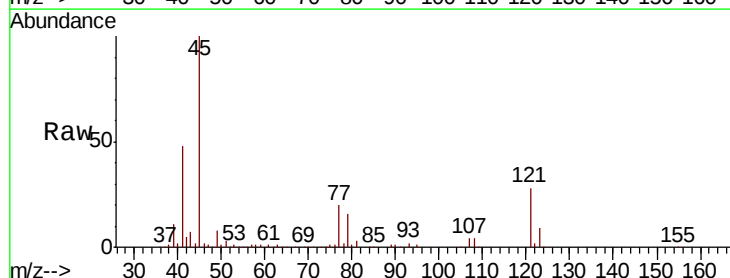
Tgt Ion: 45 Resp: 223103

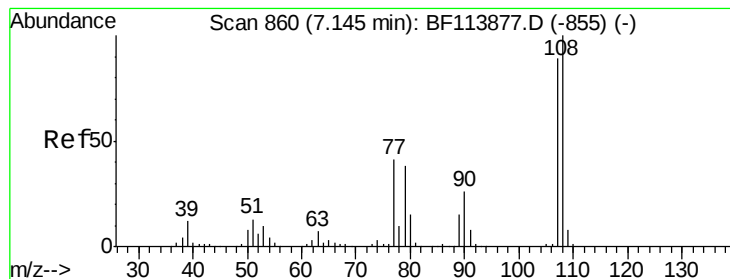
Ion Ratio Lower Upper

45 100

77 20.1 0.0 37.0

79 15.7 0.0 32.7

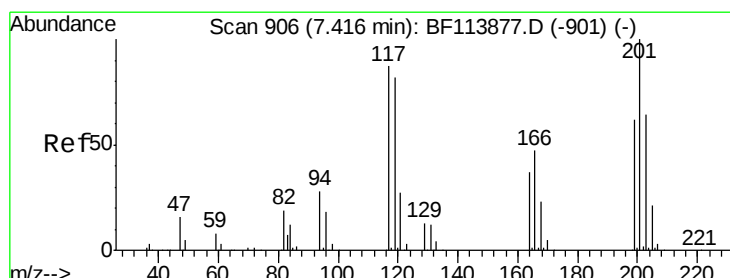
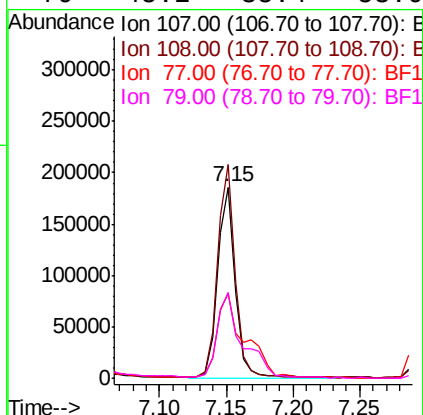
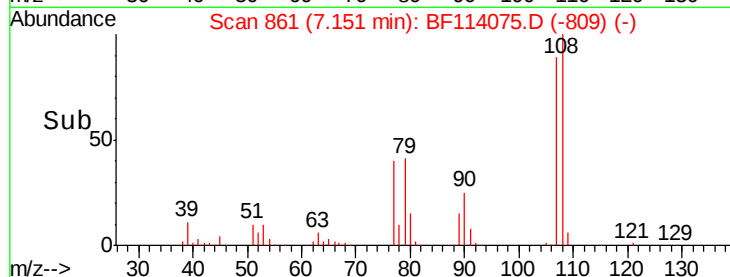
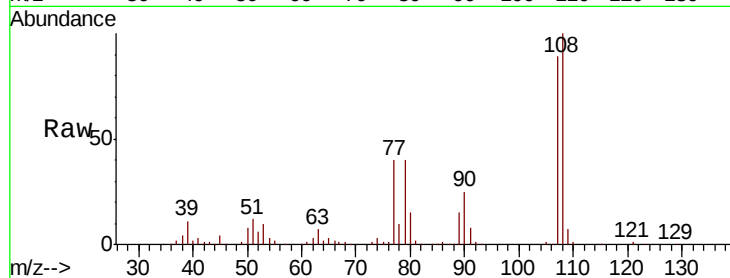




#17  
2-Methylphenol  
Concen: 35.412 ng  
RT: 7.15 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

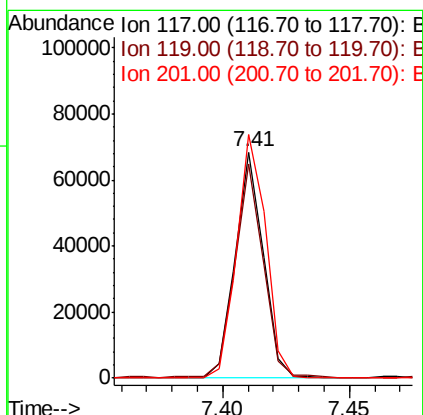
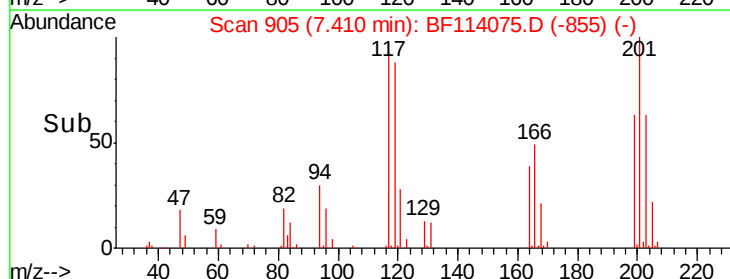
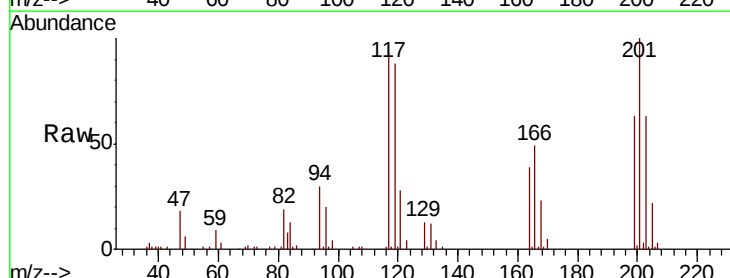
Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

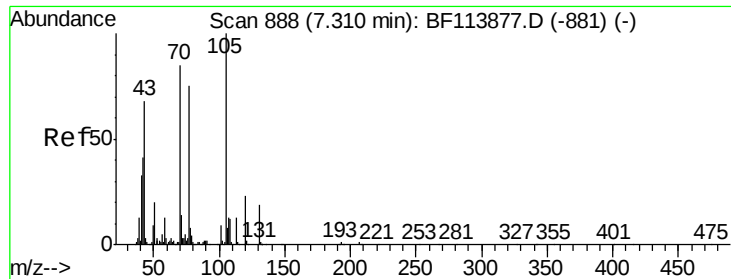
Tot Ion:107 Resp: 173272  
Ion Ratio Lower Upper  
107 100  
108 112.0 91.5 137.3  
77 44.4 36.2 54.4  
79 45.2 35.4 53.0



#18  
Hexachloroethane  
Concen: 23.460 ng  
RT: 7.41 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

Tgt Ion:117 Resp: 52294  
Ion Ratio Lower Upper  
117 100  
119 94.9 74.4 111.6  
201 107.8 90.2 135.2

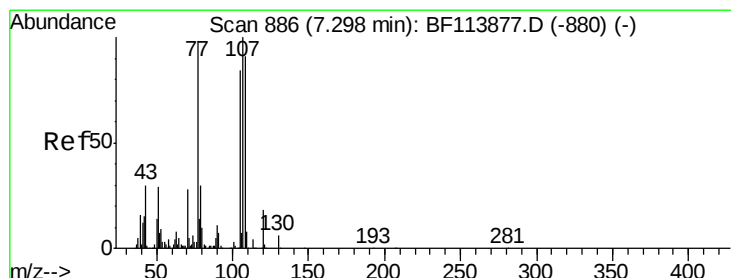
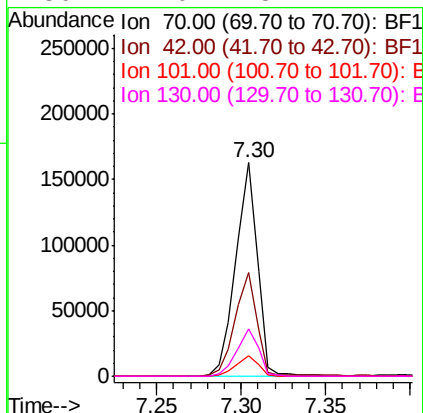
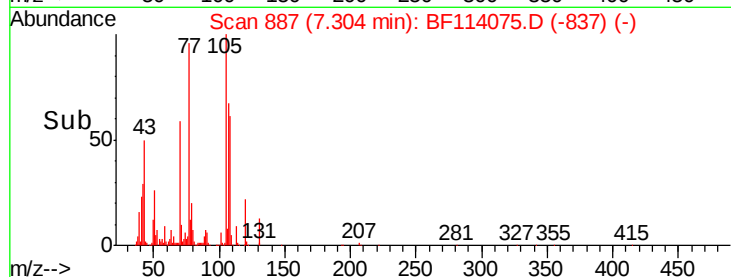
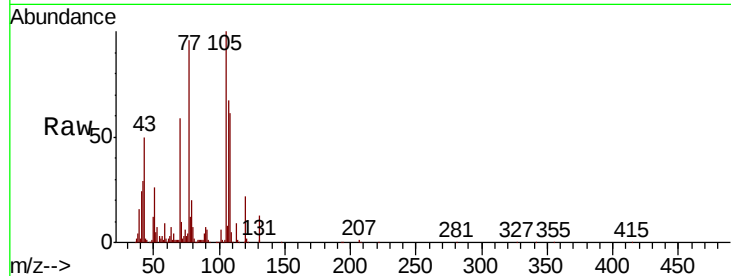




#19  
n-Nitroso-di-n-propylamine  
Concen: 36.674 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.01 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

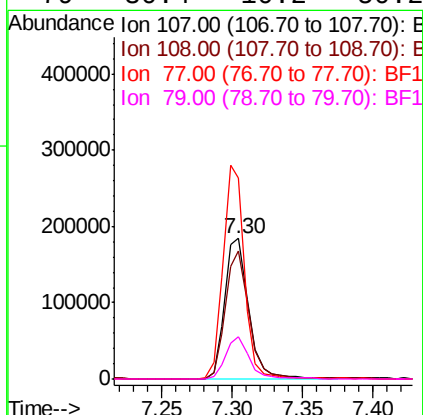
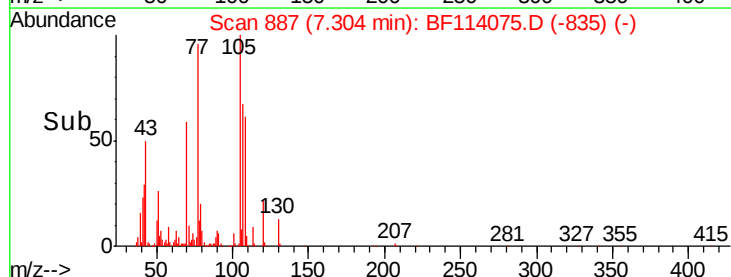
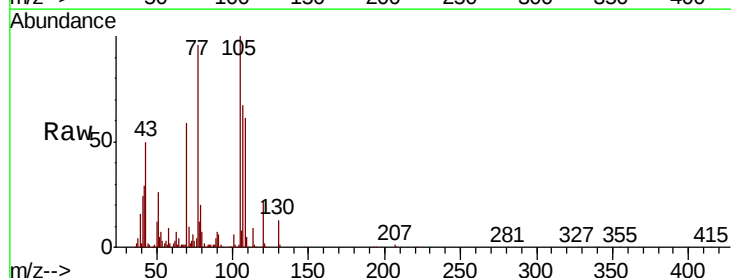
Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

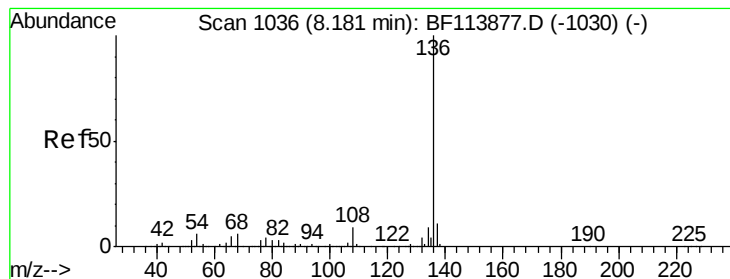
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 145685 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 48.6  | 37.3  | 55.9   |
| 101      | 9.6   | 7.8   | 11.8   |
| 130      | 22.0  | 18.2  | 27.2   |



#20  
3+4-Methylphenols  
Concen: 39.055 ng  
RT: 7.30 min Scan# 887  
Delta R.T. 0.01 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 215904 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.9  | 70.1  | 110.1  |
| 77       | 142.8 | 52.9  | 92.9#  |
| 79       | 30.4  | 10.2  | 50.2   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

Tot Ion:136 Resp: 302667

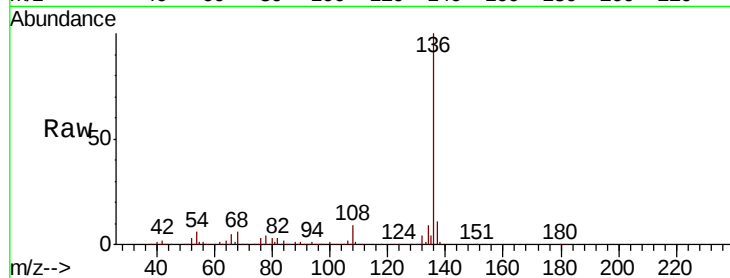
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 6.2 5.0 7.6

68 6.0 4.9 7.3

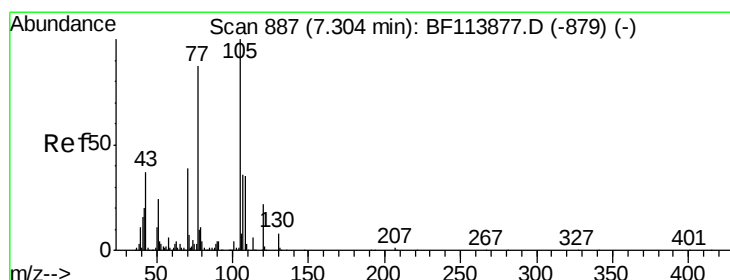
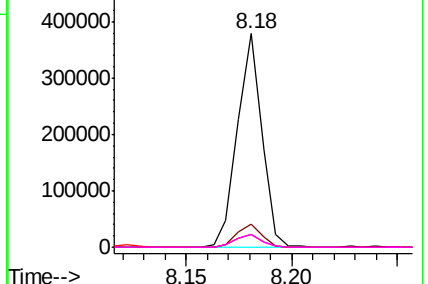
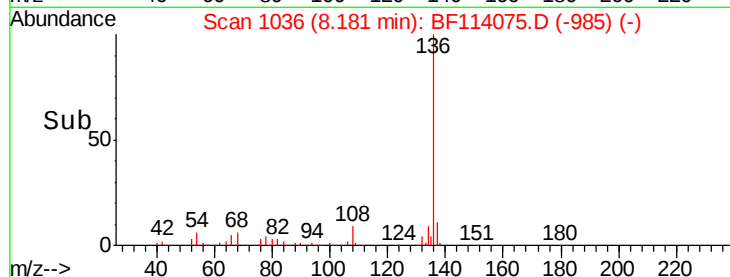


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.952 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Tgt Ion:105 Resp: 296031

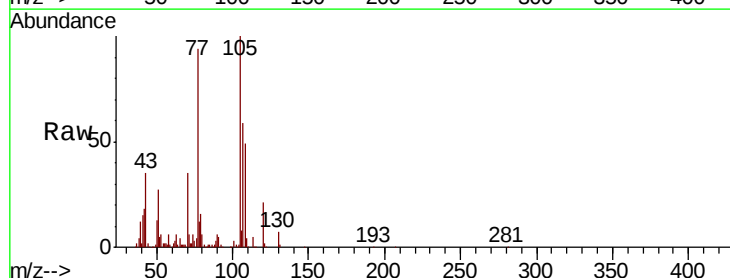
Ion Ratio Lower Upper

105 100

71 6.0 6.1 9.1#

51 27.2 16.8 25.2#

120 21.3 17.6 26.4

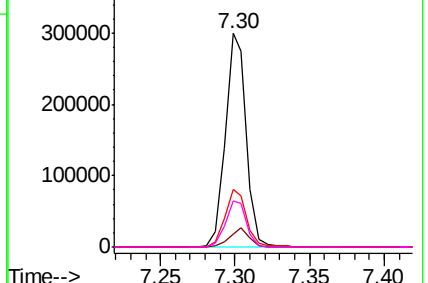
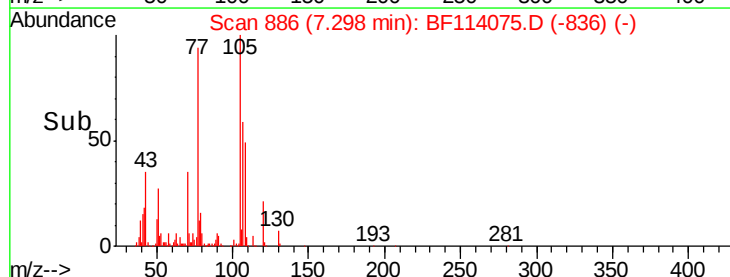


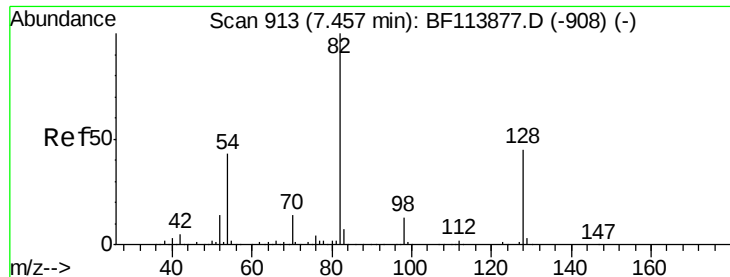
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

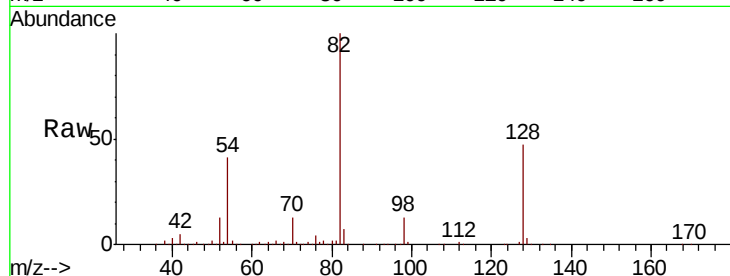




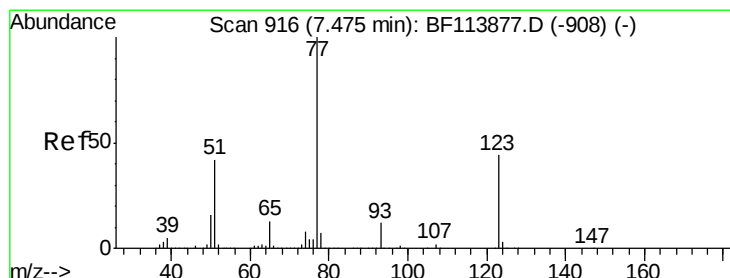
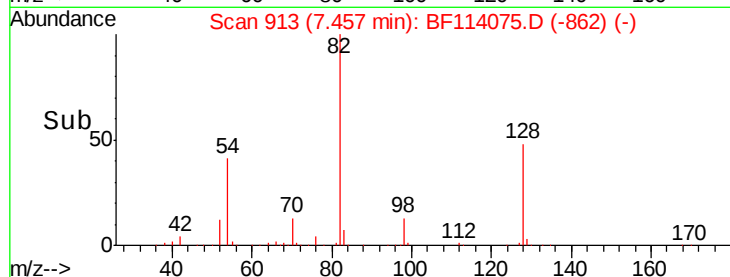
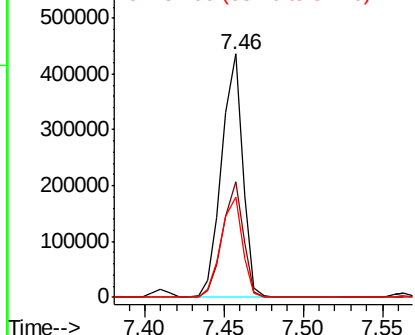
#23  
Nitrobenzene-d5  
Concen: 82.675 ng  
RT: 7.46 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

| Tot Ion   | 82    | Resp  | 405269 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 47.5  | 36.8  | 55.2   |
| 54        | 41.4  | 33.8  | 50.6   |

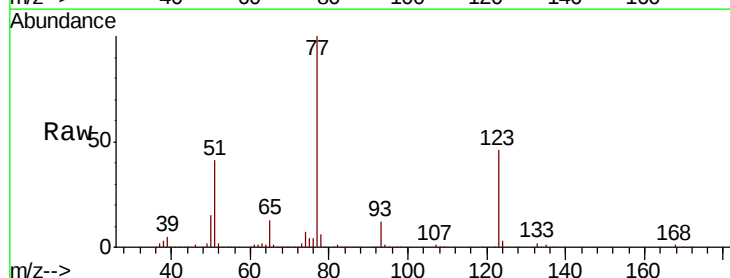


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

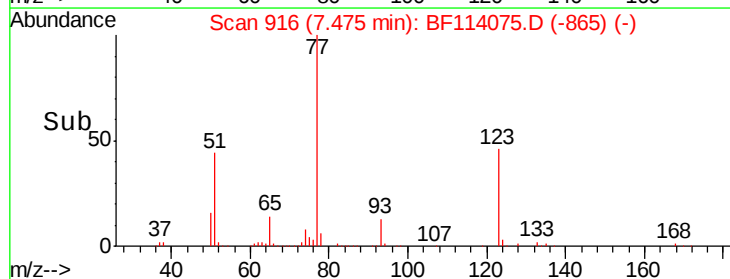
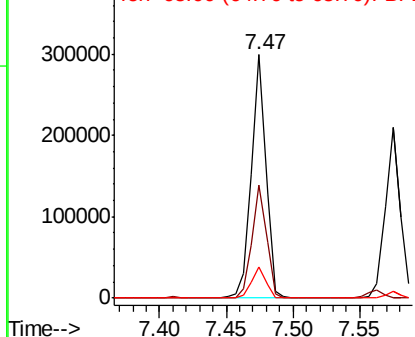


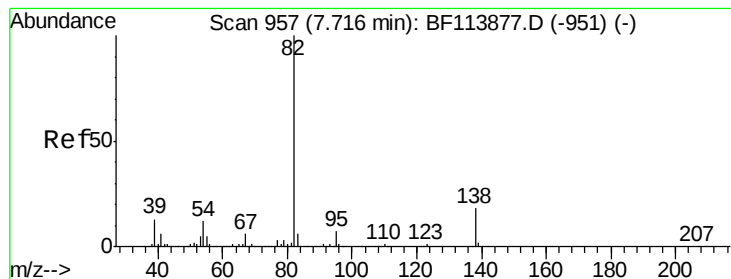
#24  
Nitrobenzene  
Concen: 40.916 ng  
RT: 7.47 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

| Tgt Ion   | 77    | Resp  | 221621 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 46.3  | 36.3  | 54.5   |
| 65        | 12.8  | 10.3  | 15.5   |



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: 40.371 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

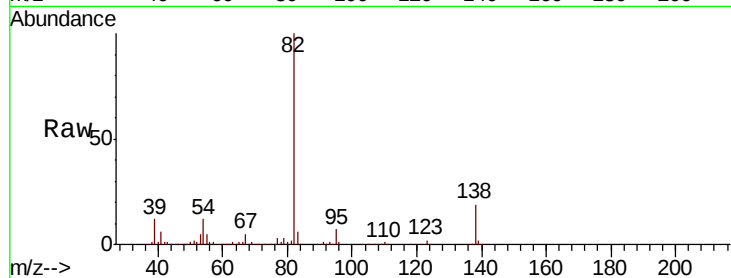
Tot Ion: 82 Resp: 404933

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

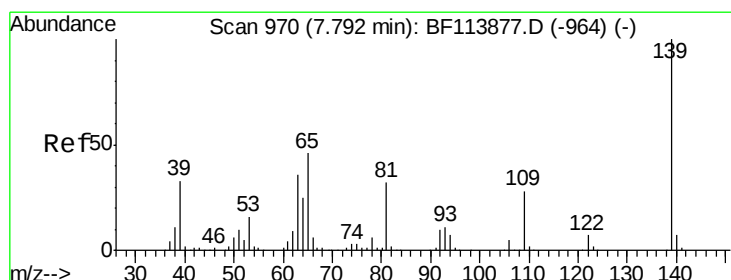
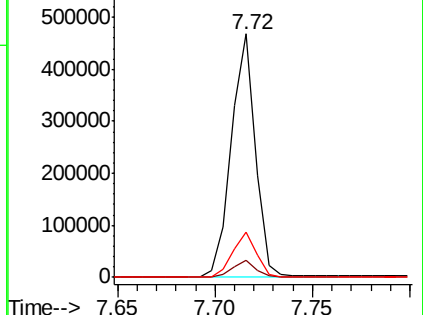
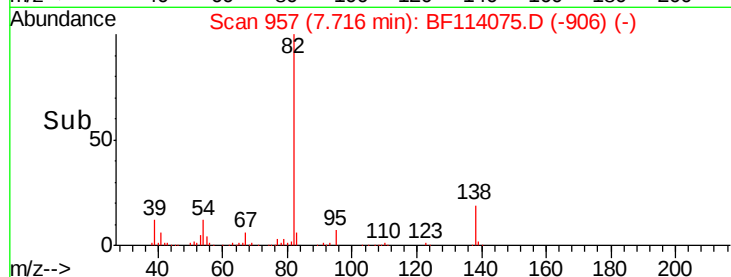
138 18.5 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.089 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

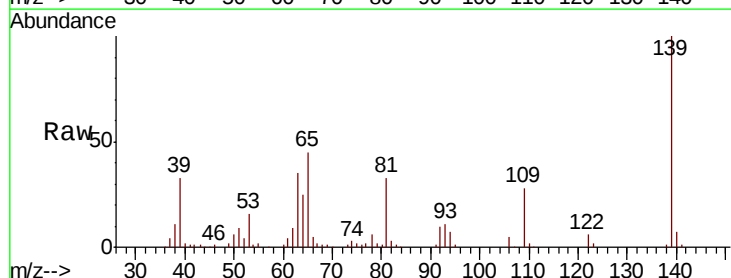
Tgt Ion: 139 Resp: 94119

Ion Ratio Lower Upper

139 100

109 28.4 20.6 31.0

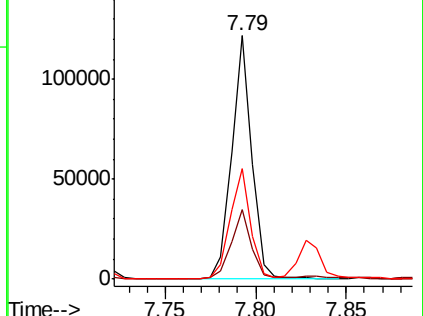
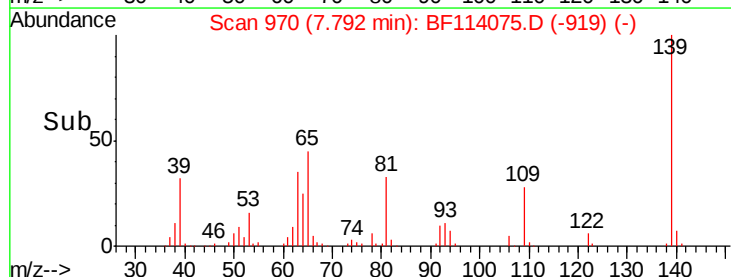
65 45.4 34.6 52.0

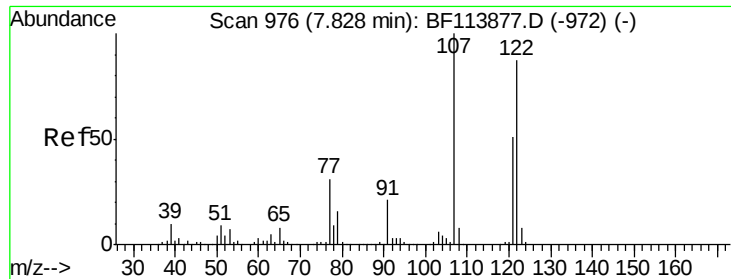


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

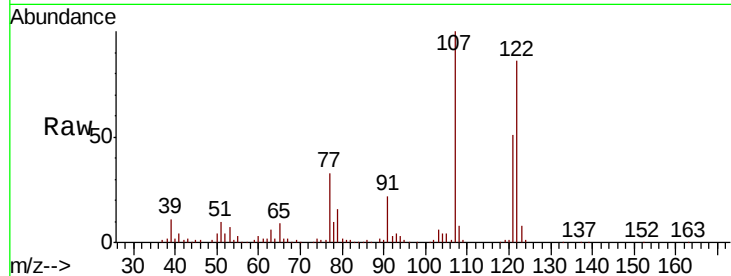




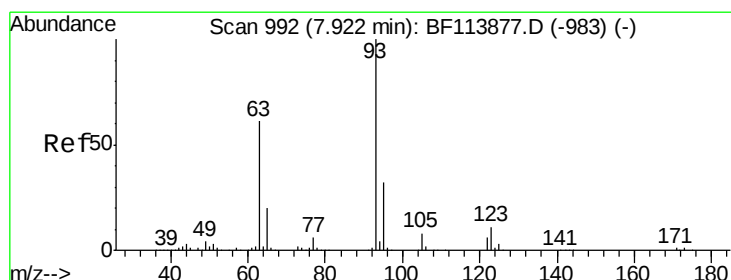
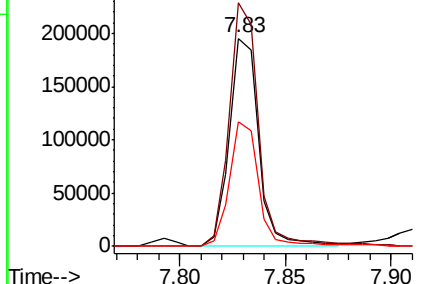
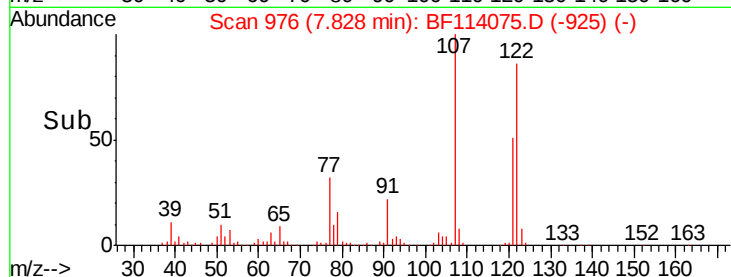
#27  
 2,4-Dimethylphenol  
 Concen: 46.320 ng  
 RT: 7.83 min Scan# 976  
 Delta R.T. 0.00 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-66-TPMSRE

Tot Ion:122 Resp: 186483  
 Ion Ratio Lower Upper  
 122 100  
 107 116.9 91.2 136.8  
 121 59.8 46.4 69.6

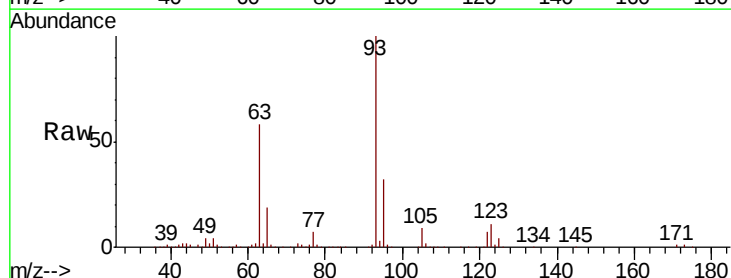


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

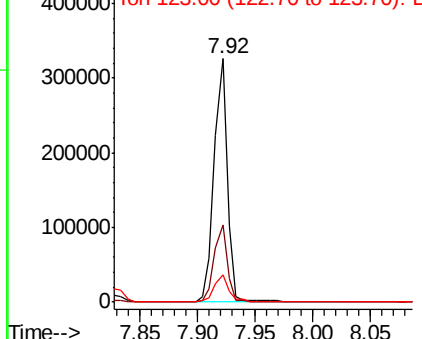
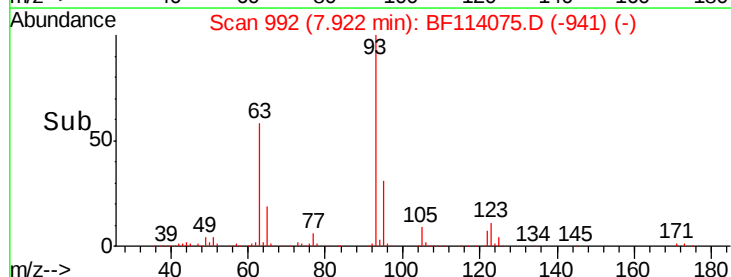


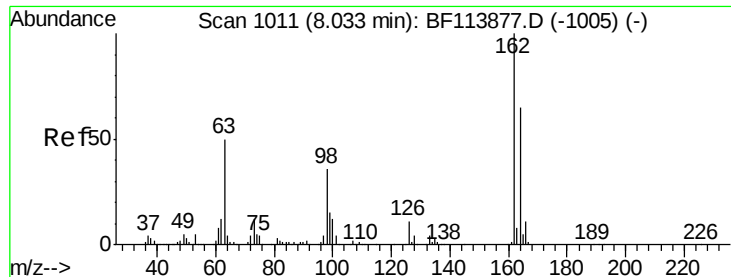
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.948 ng  
 RT: 7.92 min Scan# 992  
 Delta R.T. 0.00 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Tgt Ion: 93 Resp: 261720  
 Ion Ratio Lower Upper  
 93 100  
 95 31.6 25.8 38.6  
 123 11.4 9.0 13.6



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

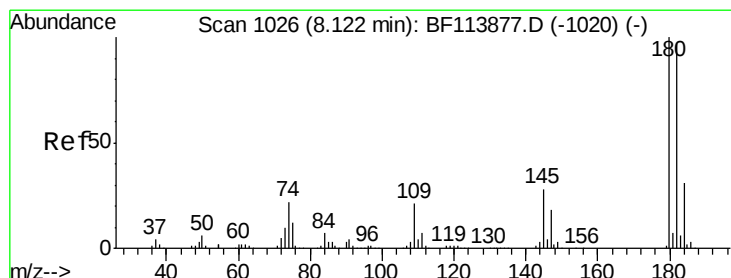
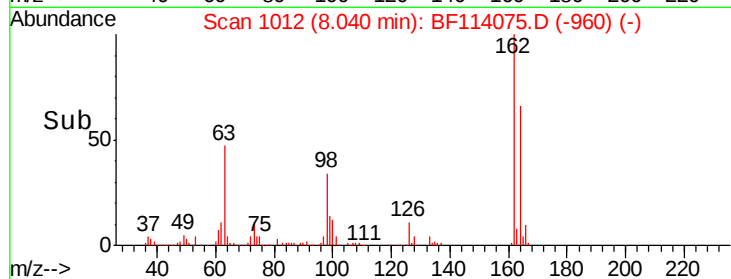
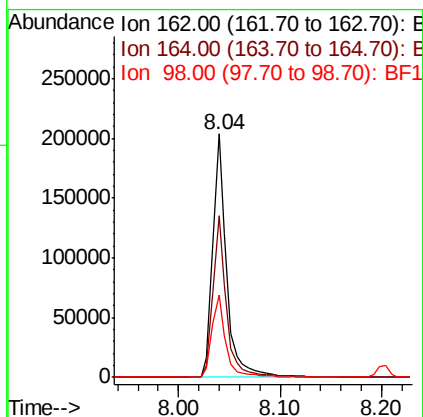
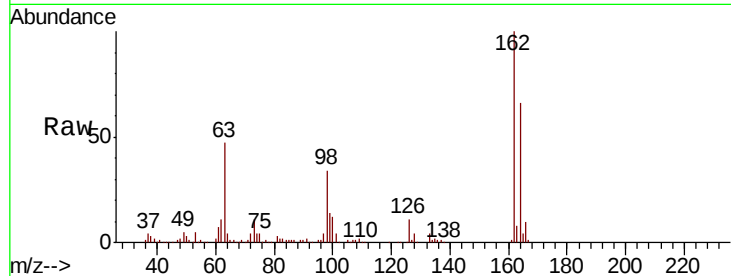




#29  
2,4-Dichlorophenol  
Concen: 42.530 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. 0.01 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

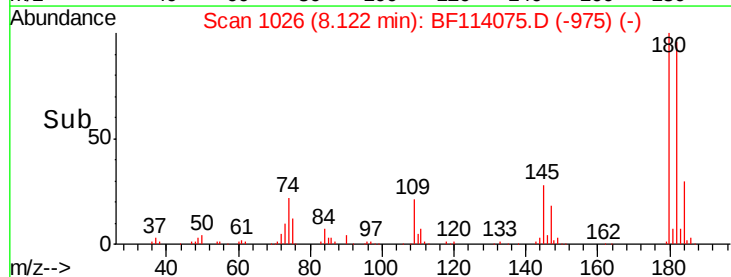
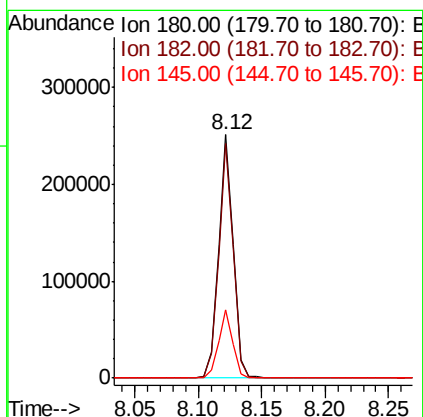
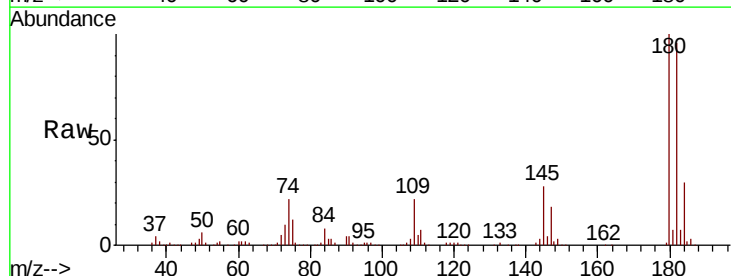
Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

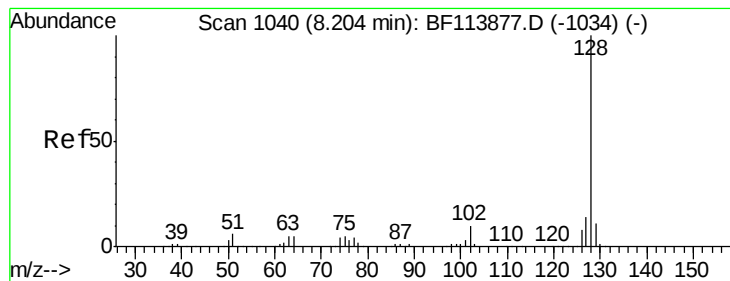
Tot Ion:162 Resp: 195801  
Ion Ratio Lower Upper  
162 100  
164 66.2 43.7 83.7  
98 34.1 15.5 55.5



#30  
1,2,4-Trichlorobenzene  
Concen: 40.103 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

Tgt Ion:180 Resp: 205862  
Ion Ratio Lower Upper  
180 100  
182 96.2 75.4 113.0  
145 28.2 23.0 34.4





#31

Naphthalene

Concen: 42.464 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

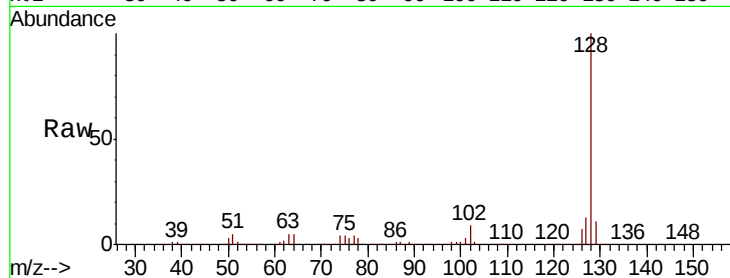
Tot Ion:128 Resp: 610558

Ion Ratio Lower Upper

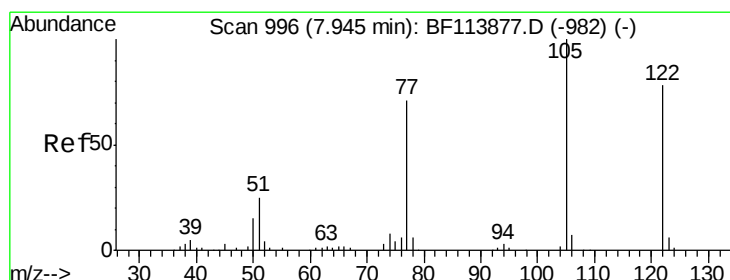
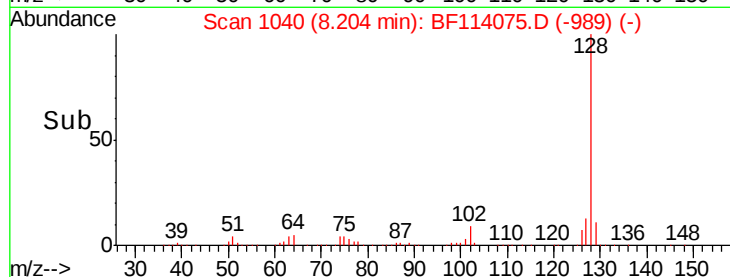
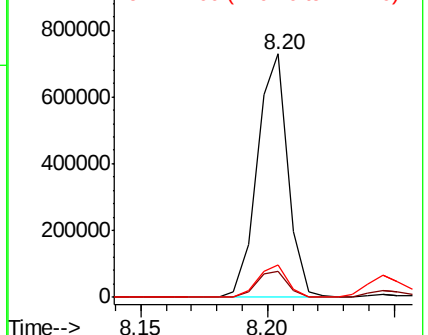
128 100

129 10.9 9.4 14.0

127 13.4 10.8 16.2



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



#32

Benzoic acid

Concen: 27.117 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

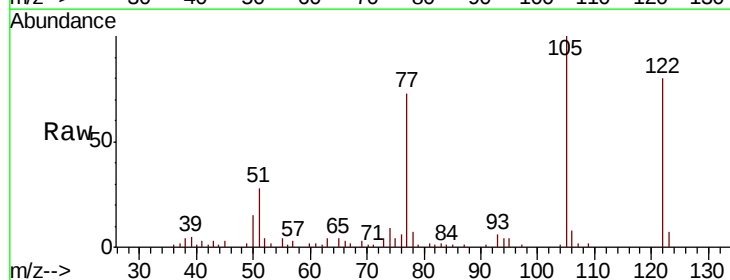
Tgt Ion:122 Resp: 73726

Ion Ratio Lower Upper

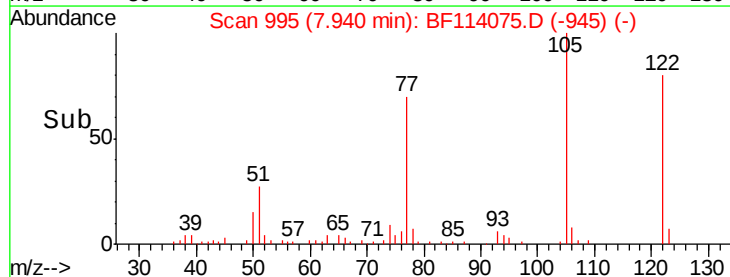
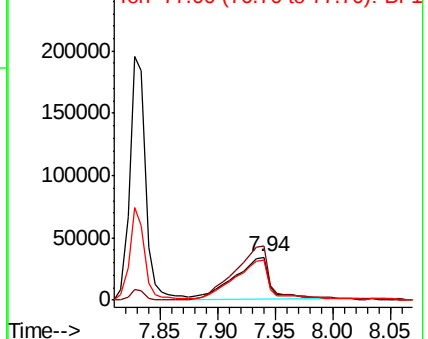
122 100

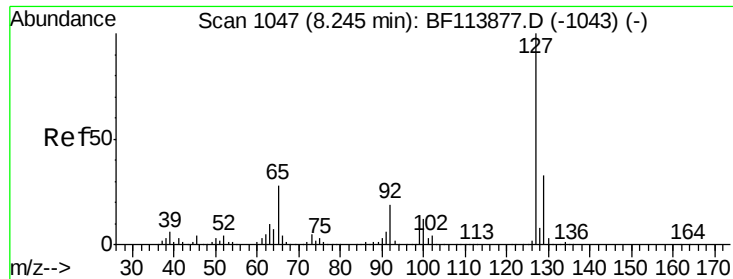
105 125.6 104.3 144.3

77 92.3 70.4 110.4



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

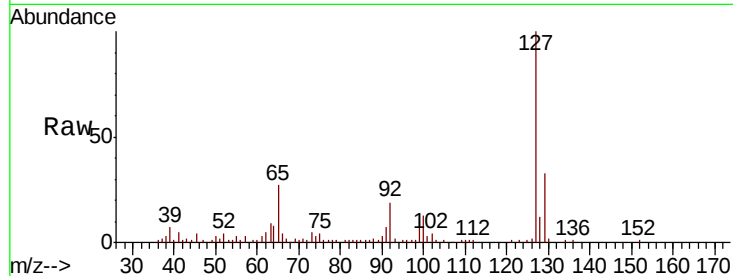




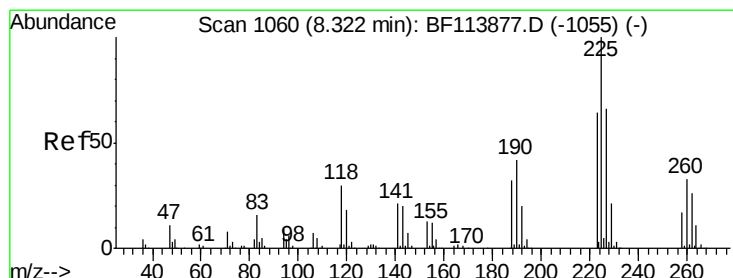
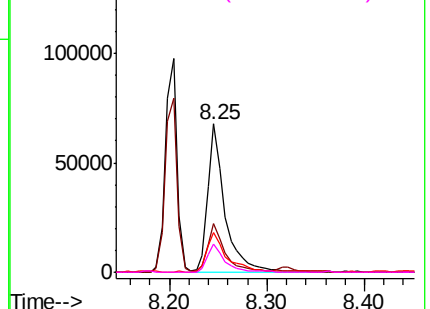
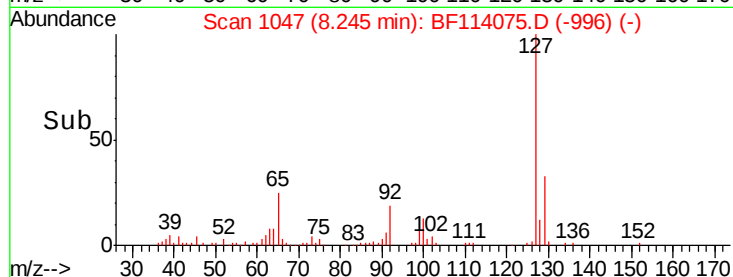
#33  
4-Chloroaniline  
Concen: 13.798 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 83948 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.0  | 26.4  | 39.6  |
| 65       | 26.6  | 24.9  | 37.3  |
| 92       | 19.4  | 15.9  | 23.9  |

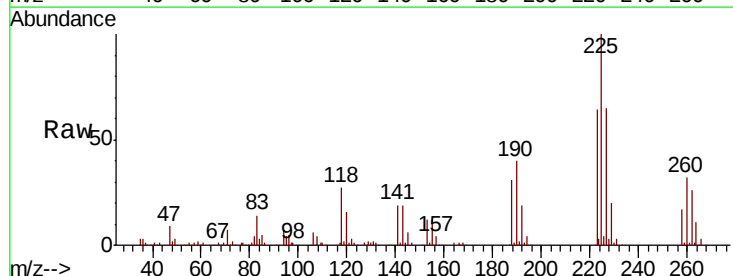


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

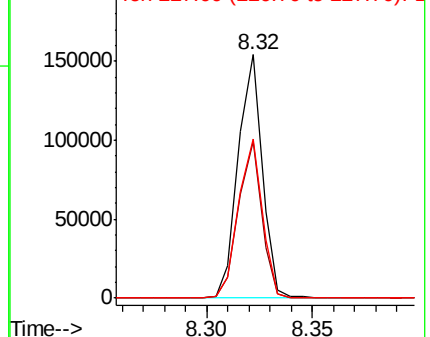
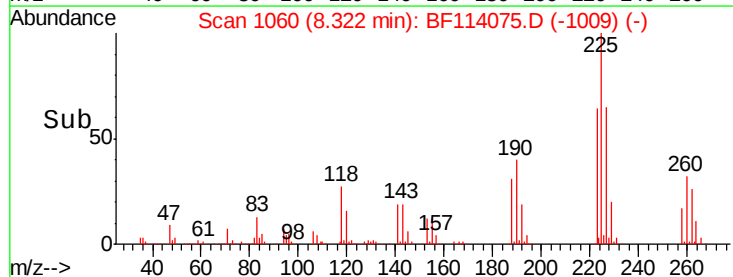


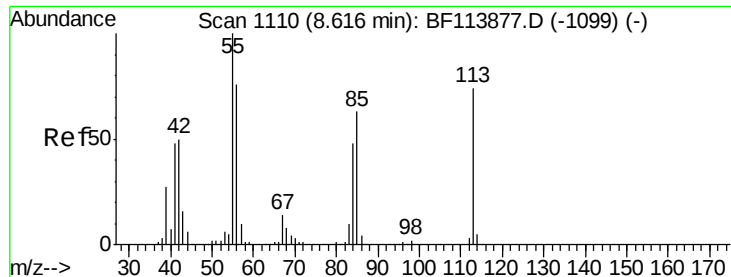
#34  
Hexachlorobutadiene  
Concen: 37.850 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. 0.00 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 121120 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.3  | 51.1  | 76.7   |
| 227      | 65.4  | 49.9  | 74.9   |



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

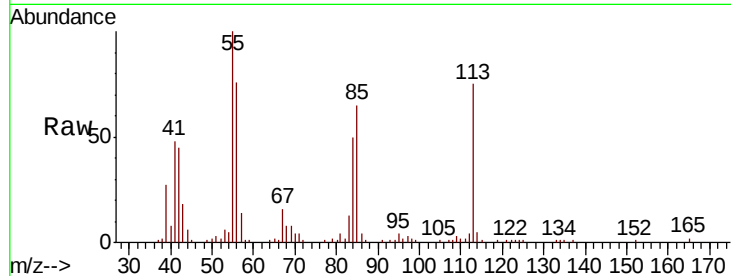




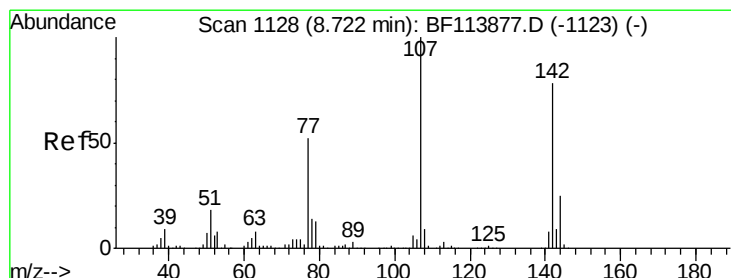
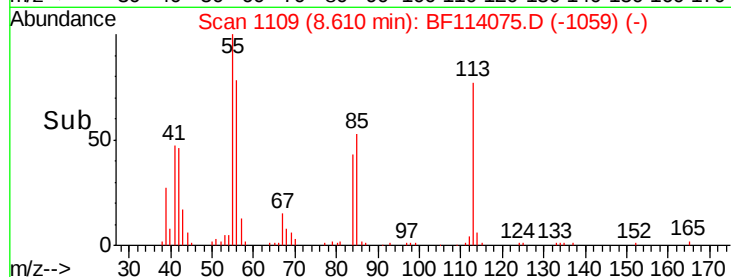
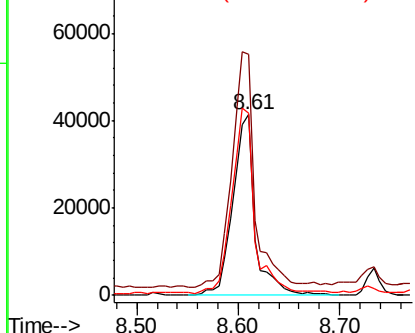
#35  
 Caprolactam  
 Concen: 42.740 ng  
 RT: 8.61 min Scan# 1109  
 Delta R.T. -0.01 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-66-TPMSRE

Tot Ion:113 Resp: 62593  
 Ion Ratio Lower Upper  
 113 100  
 55 133.7 128.6 168.6  
 56 101.3 91.9 131.9

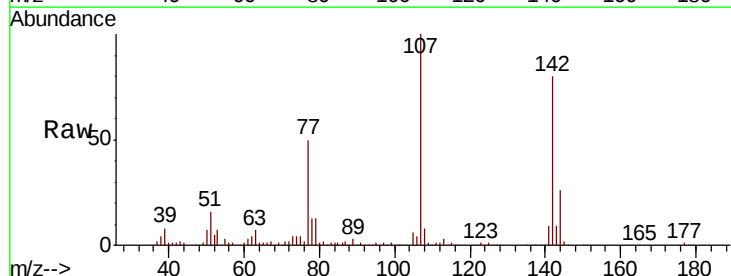


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

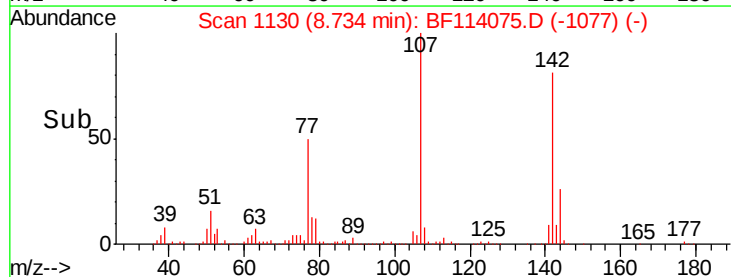
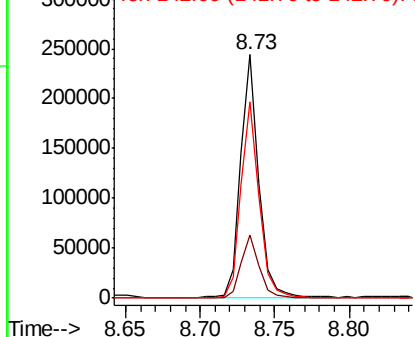


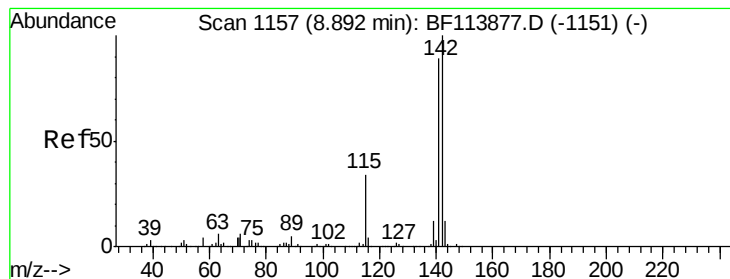
#36  
 4-Chloro-3-methylphenol  
 Concen: 45.345 ng  
 RT: 8.73 min Scan# 1130  
 Delta R.T. 0.01 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Tgt Ion:107 Resp: 206824  
 Ion Ratio Lower Upper  
 107 100  
 144 25.9 20.5 30.7  
 142 80.4 64.2 96.4



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





#37

2-Methylnaphthalene

Concen: 46.967 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

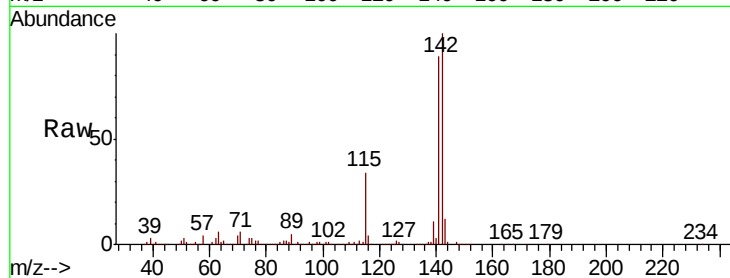
Tot Ion:142 Resp: 455385

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

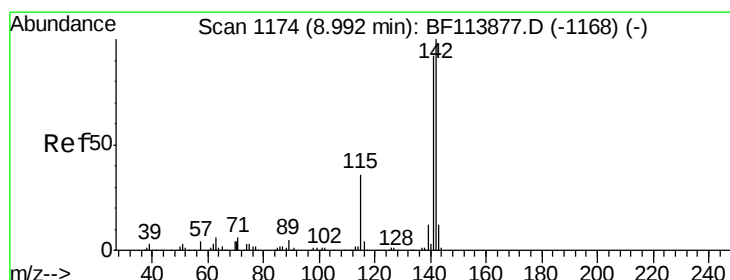
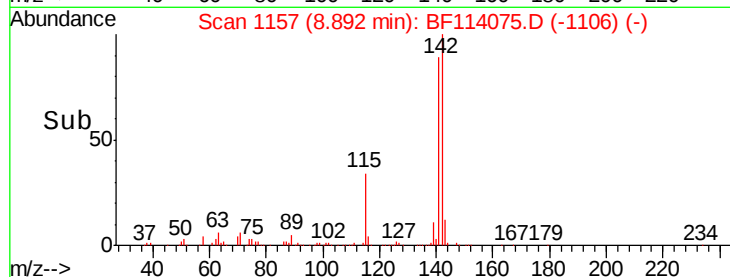
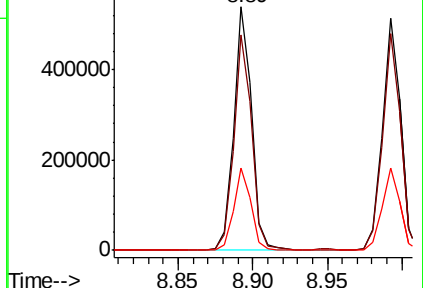
115 33.9 26.3 39.5



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: 45.431 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

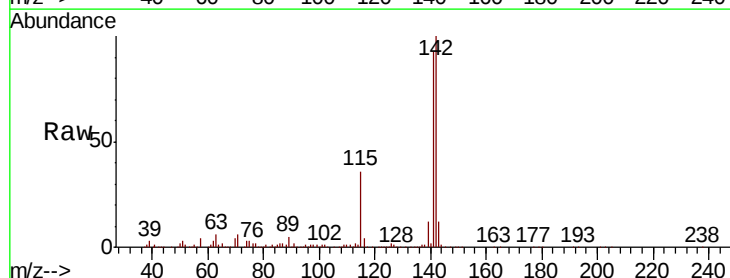
Tgt Ion:142 Resp: 425150

Ion Ratio Lower Upper

142 100

141 93.3 72.3 108.5

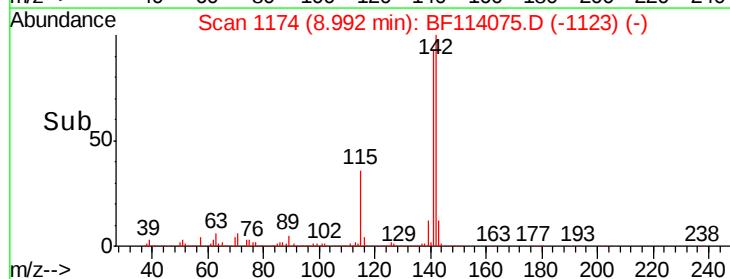
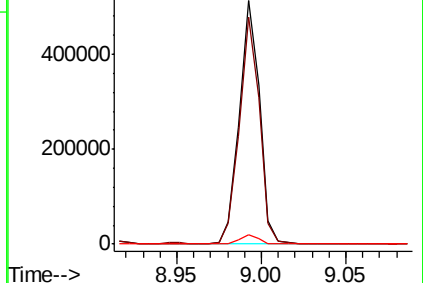
116 3.6 3.0 4.4

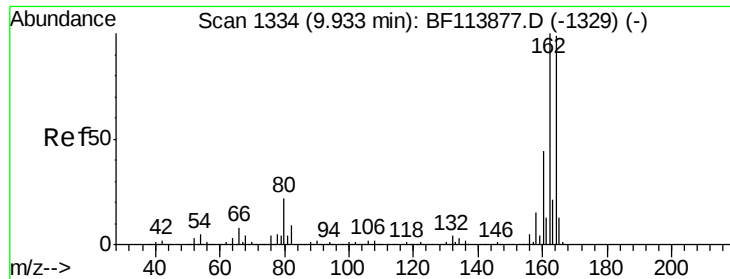


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

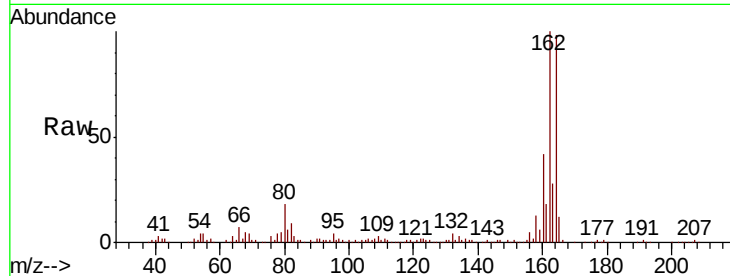




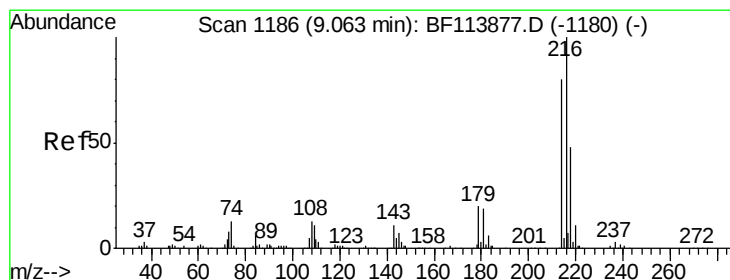
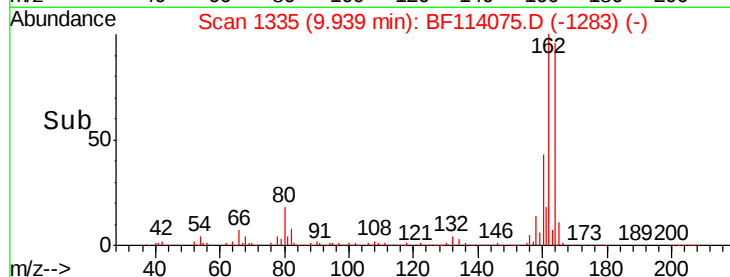
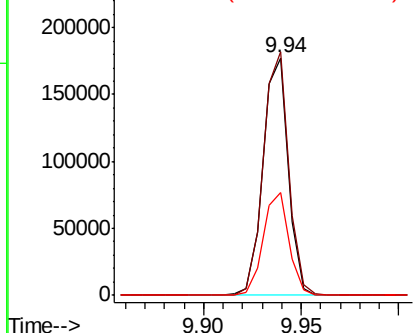
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.94 min Scan# 1335  
 Delta R.T. 0.01 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-66-TPMSRE

Tot Ion:164 Resp: 157760  
 Ion Ratio Lower Upper  
 164 100  
 162 102.5 81.1 121.7  
 160 43.5 35.8 53.6

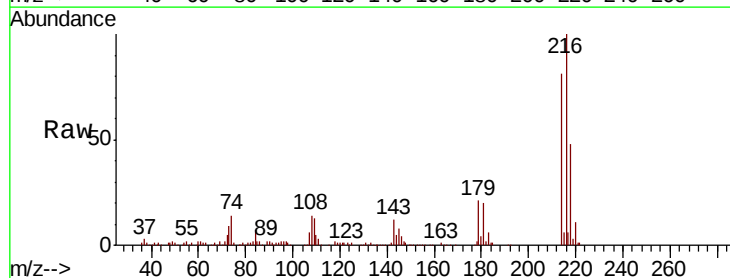


Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

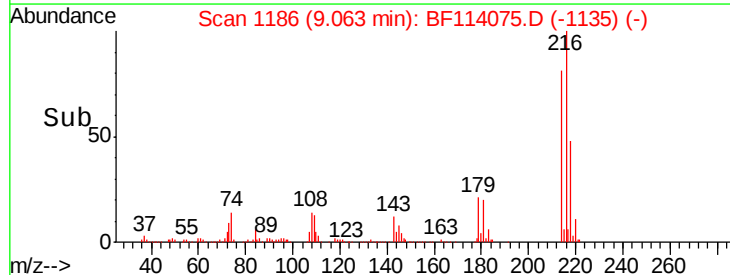
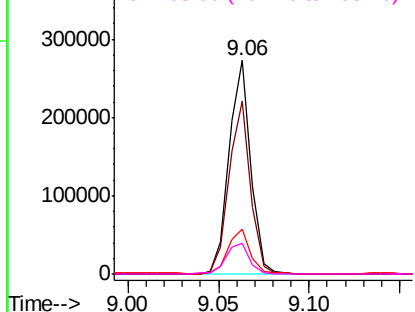


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.314 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. 0.00 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Tgt Ion:216 Resp: 227090  
 Ion Ratio Lower Upper  
 216 100  
 214 80.3 63.5 95.3  
 179 21.2 16.1 24.1  
 108 15.0 13.4 20.0



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: 3.100 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

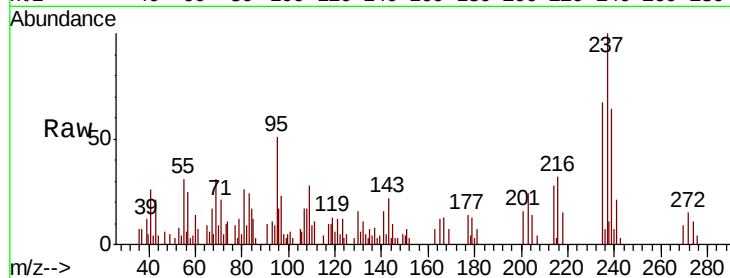
Tot Ion:237 Resp: 8859

Ion Ratio Lower Upper

237 100

235 66.9 42.6 82.6

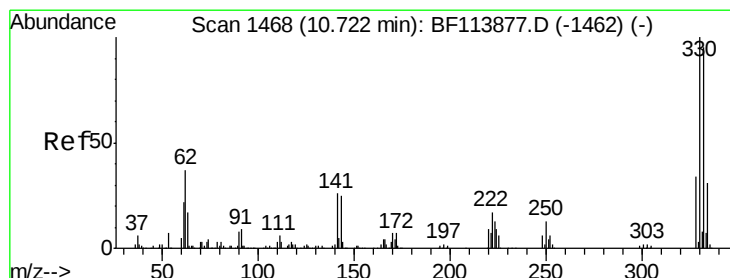
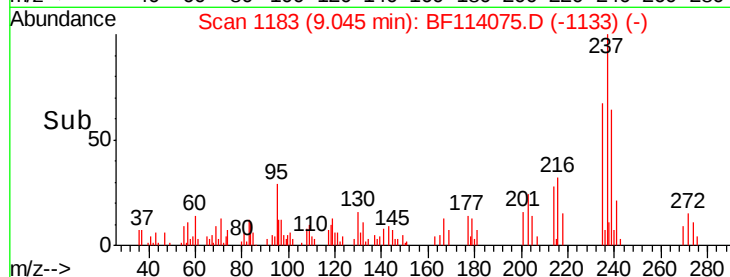
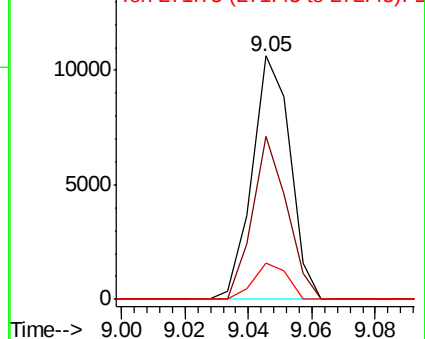
272 14.7 0.0 33.8



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: 112.827 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

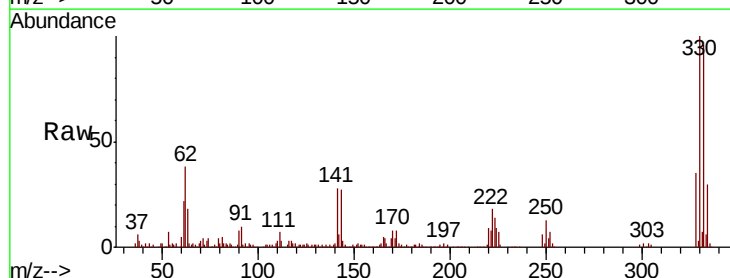
Tgt Ion:330 Resp: 216835

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

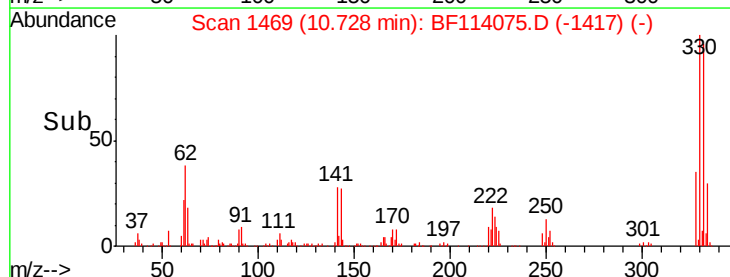
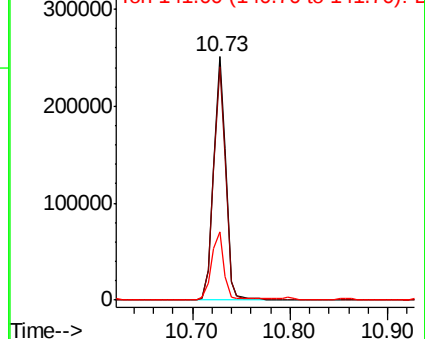
141 27.7 22.2 33.2

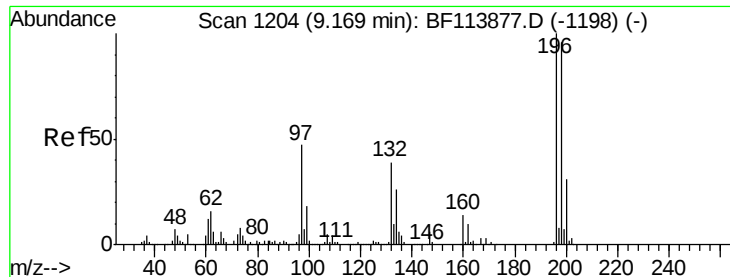


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

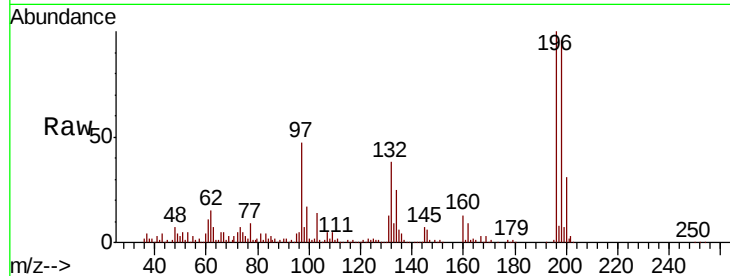




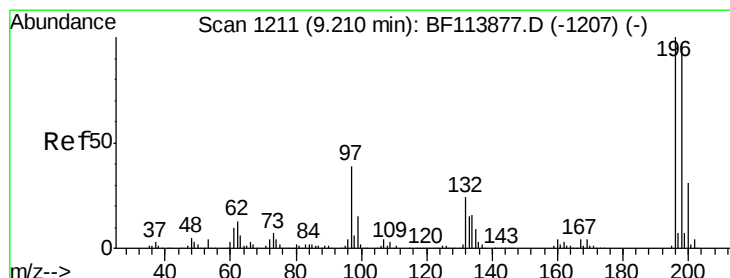
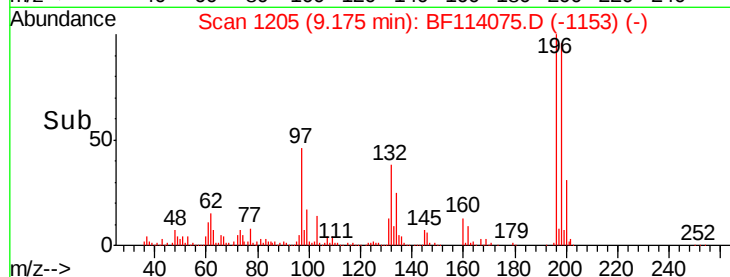
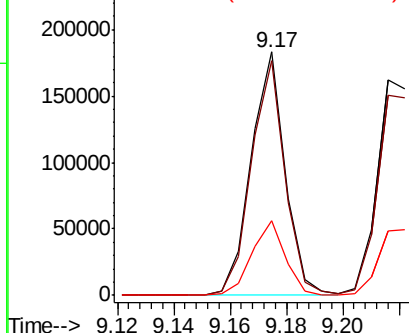
#43  
 2,4,6-Trichlorophenol  
 Concen: 47.026 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. 0.01 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-66-TPMSRE

Tot Ion:196 Resp: 153027  
 Ion Ratio Lower Upper  
 196 100  
 198 96.3 75.6 113.4  
 200 30.9 24.7 37.1

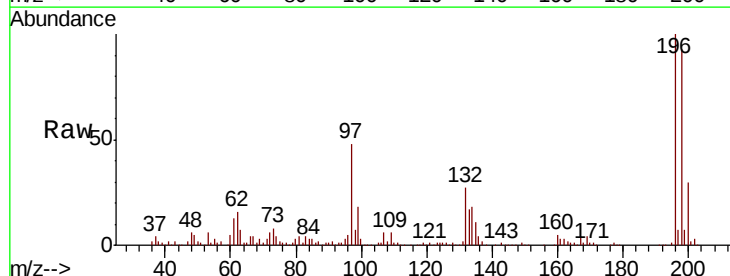


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

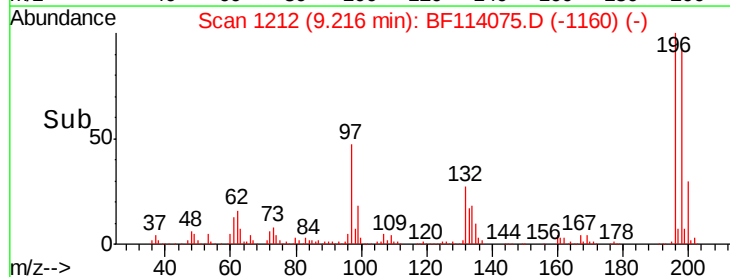
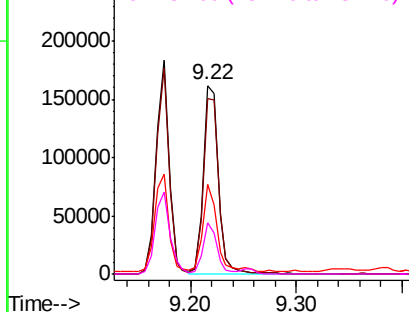


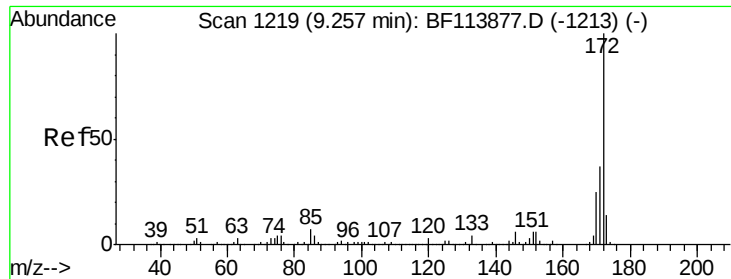
#44  
 2,4,5-Trichlorophenol  
 Concen: 44.028 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. 0.01 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Tgt Ion:196 Resp: 160698  
 Ion Ratio Lower Upper  
 196 100  
 198 93.2 76.2 114.4  
 97 47.6 35.8 53.8  
 132 27.0 20.9 31.3



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

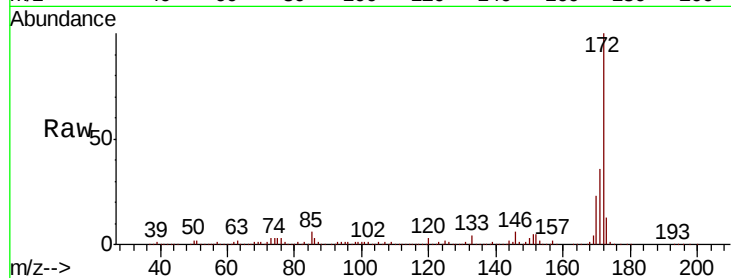




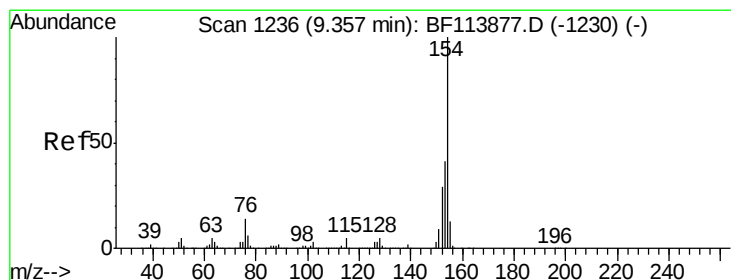
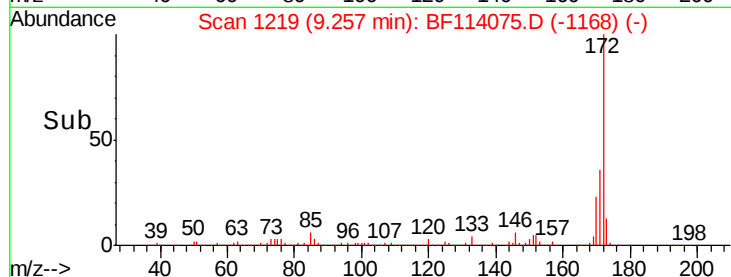
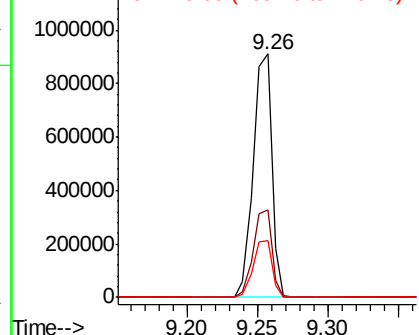
#45  
2-Fluorobiphenyl  
Concen: 84.248 ng  
RT: 9.26 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.8  | 29.4  | 44.0  |
| 170     | 23.2  | 19.9  | 29.9  |

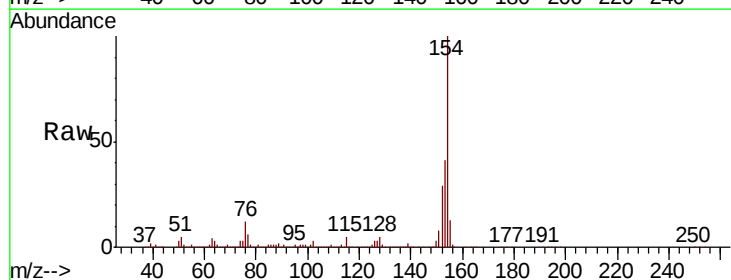


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

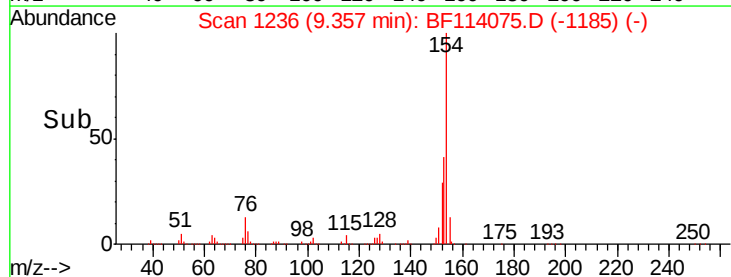
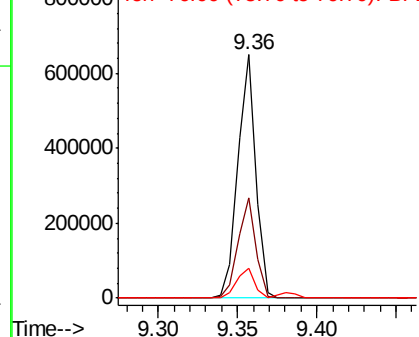


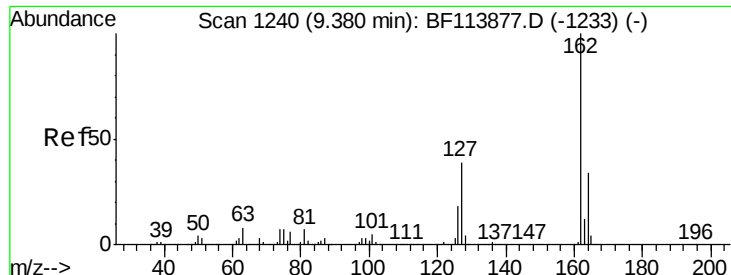
#46  
1,1'-Biphenyl  
Concen: 42.401 ng  
RT: 9.36 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.9  | 20.8  | 60.8  |
| 76      | 12.5  | 0.0   | 35.2  |



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

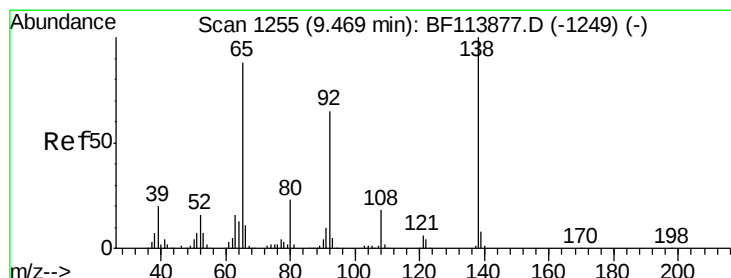
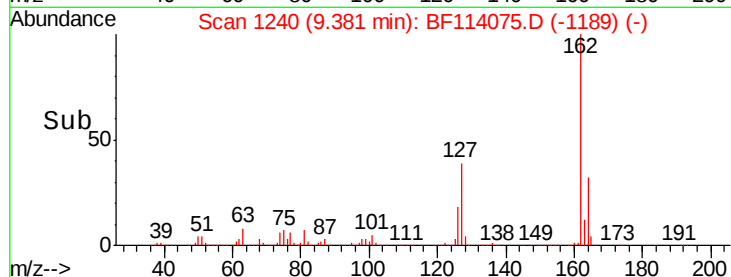
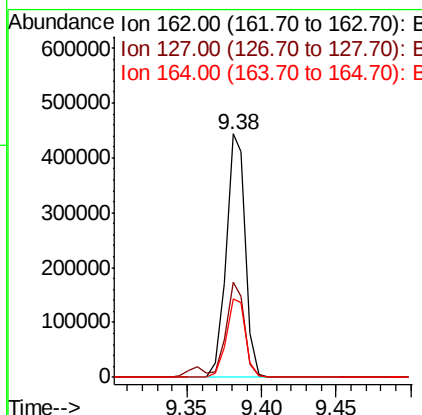
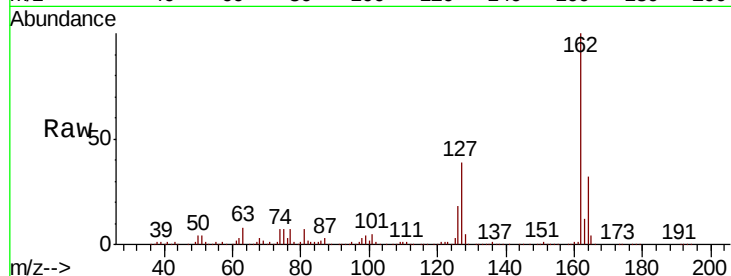




#47  
 2-Chloronaphthalene  
 Concen: 41.236 ng  
 RT: 9.38 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

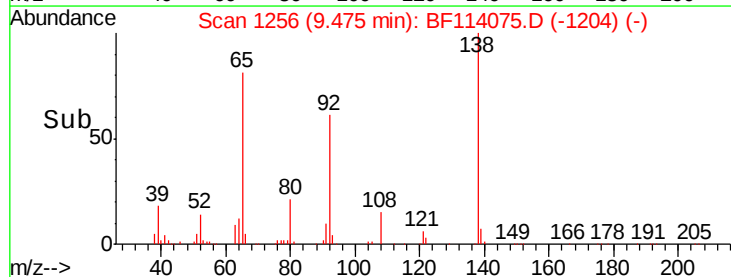
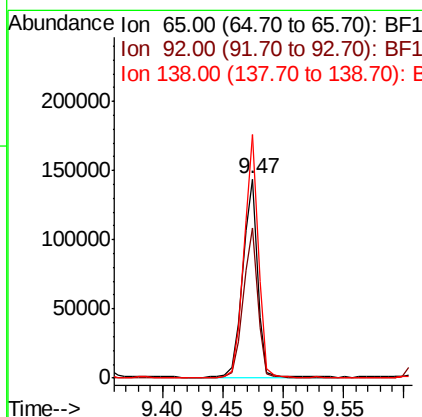
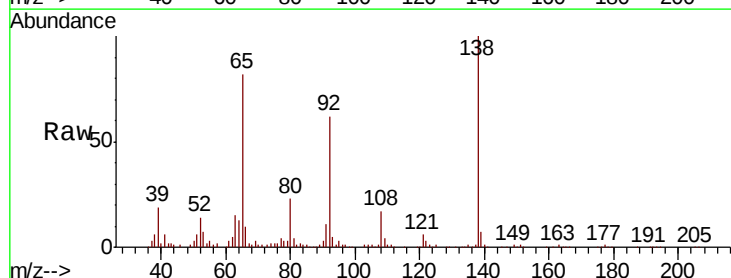
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-66-TPMSRE

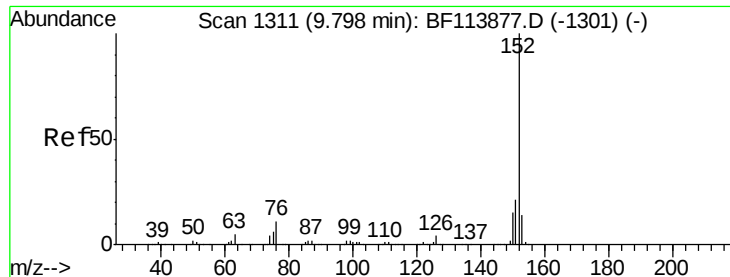
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 162   | Resp: | 404135 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 39.0  | 29.3  | 43.9   |
| 164      | 32.4  | 27.1  | 40.7   |



#48  
 2-Nitroaniline  
 Concen: 47.851 ng  
 RT: 9.47 min Scan# 1256  
 Delta R.T. 0.01 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 122940 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 75.3  | 57.4  | 86.0   |
| 138      | 122.4 | 85.4  | 128.0  |





#49

Acenaphthylene

Concen: 39.496 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

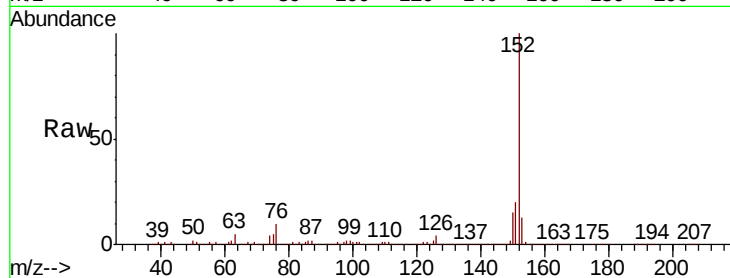
Tot Ion:152 Resp: 605990

Ion Ratio Lower Upper

152 100

151 20.0 17.0 25.4

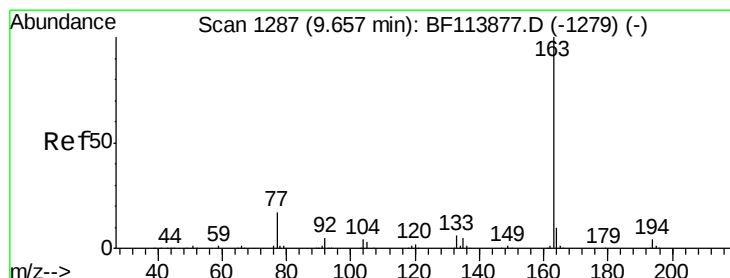
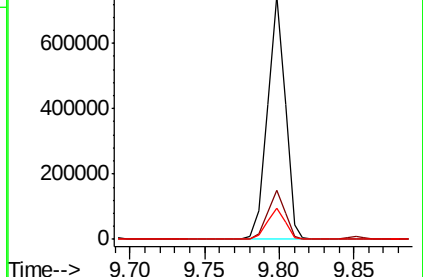
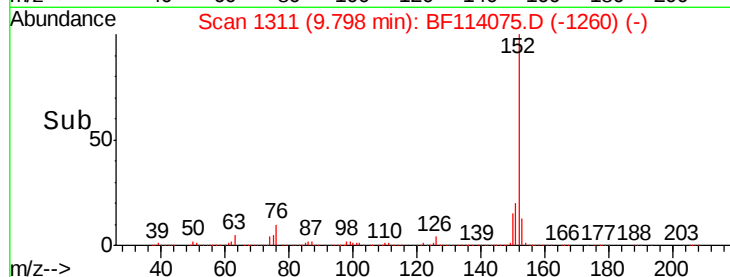
153 12.8 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.986 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

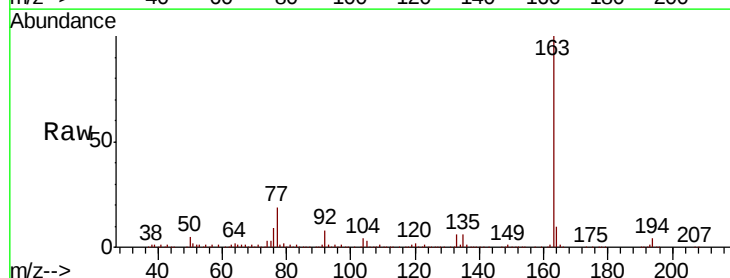
Tgt Ion:163 Resp: 581726

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

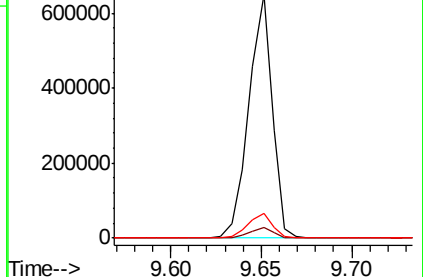
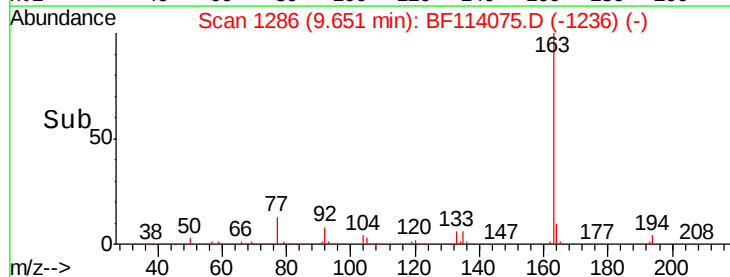
164 10.4 8.5 12.7

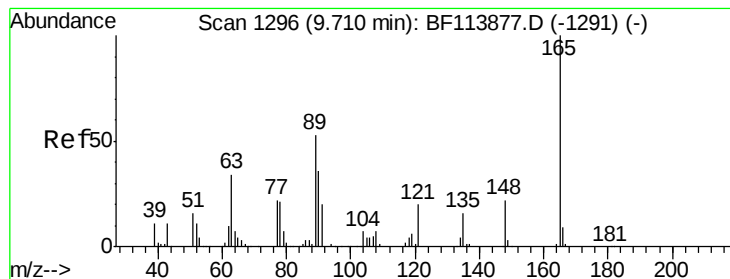


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.494 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

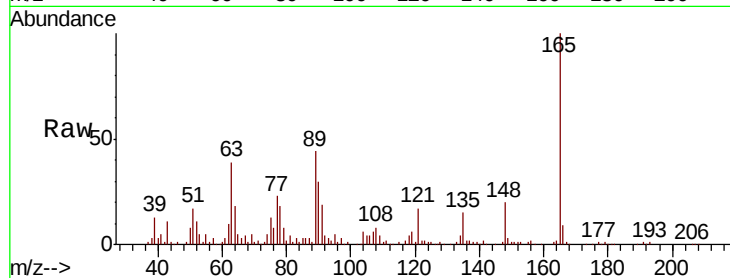
Tot Ion:165 Resp: 96671

Ion Ratio Lower Upper

165 100

63 38.9 33.8 50.8

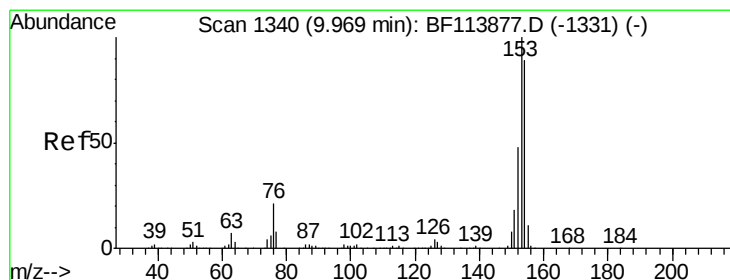
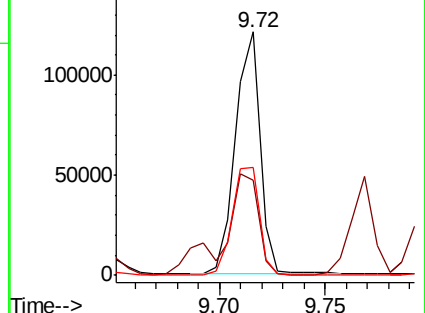
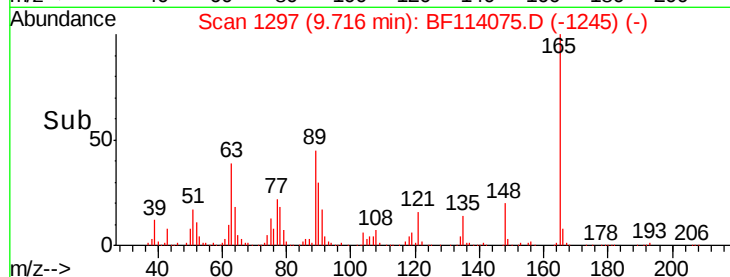
89 44.1 38.2 57.2



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: 38.578 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

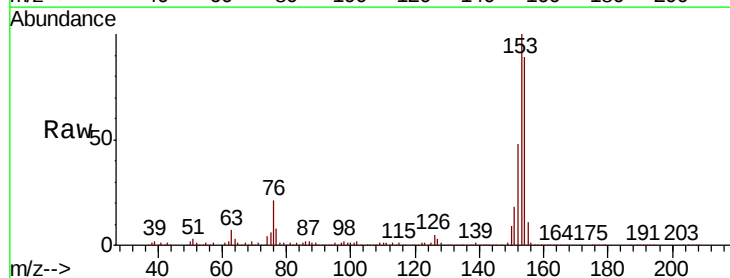
Tgt Ion:154 Resp: 349807

Ion Ratio Lower Upper

154 100

153 111.9 87.2 130.8

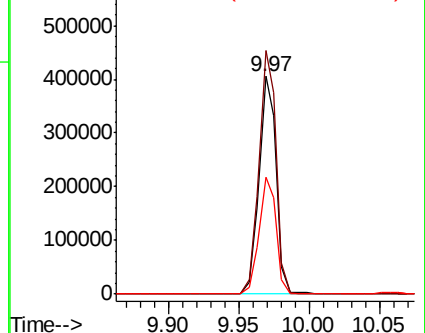
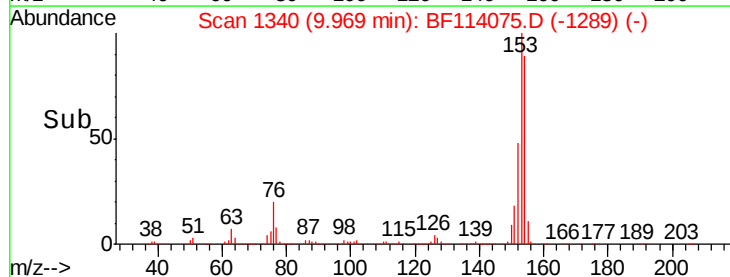
152 53.6 42.3 63.5

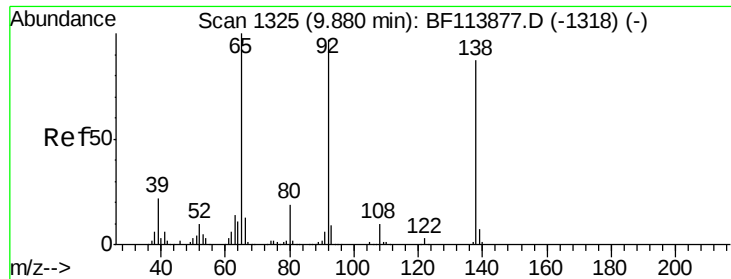


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

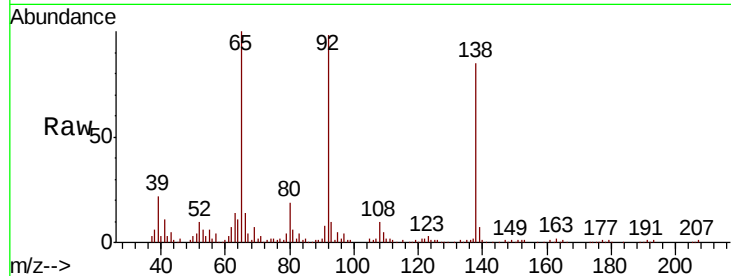




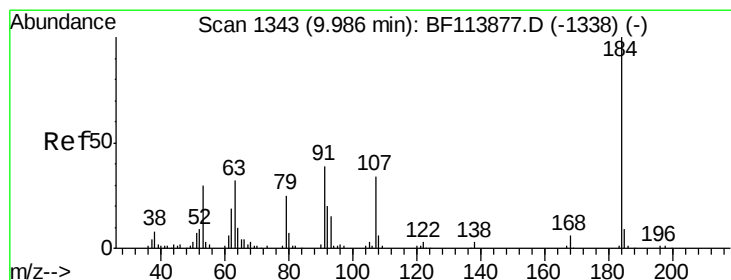
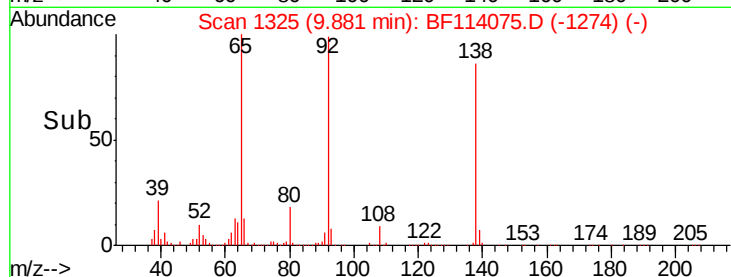
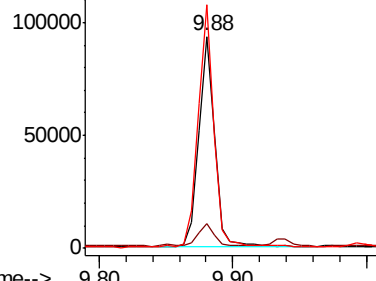
#53  
3-Nitroaniline  
Concen: 30.897 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. 0.00 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

Tot Ion:138 Resp: 79472  
Ion Ratio Lower Upper  
138 100  
108 11.7 9.4 14.2  
92 115.1 94.1 141.1

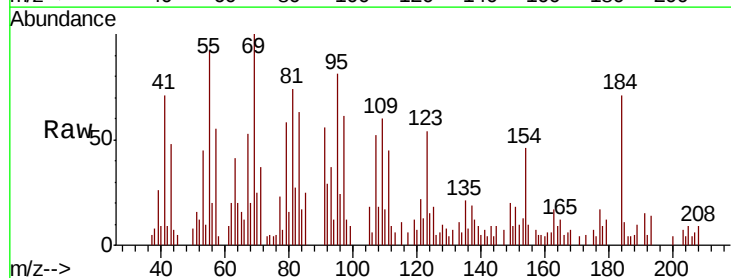


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

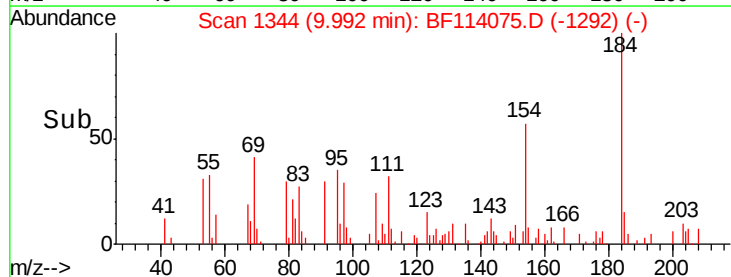
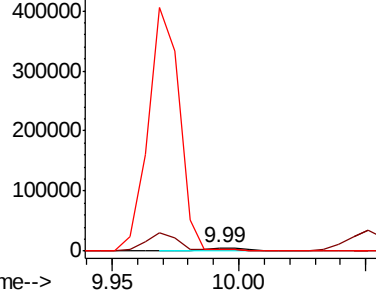


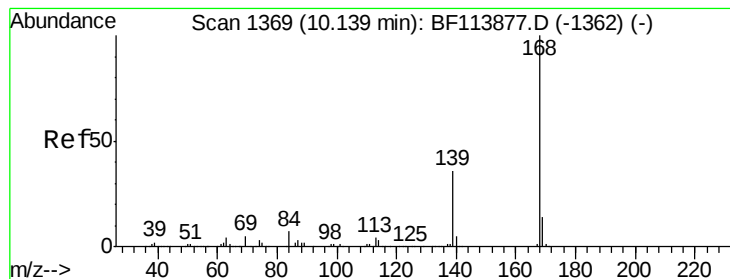
#54  
2,4-Dinitrophenol  
Concen: 13.175 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. 0.01 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

Tgt Ion:184 Resp: 5740  
Ion Ratio Lower Upper  
184 100  
63 57.4 54.6 81.8  
154 64.3 218.6 328.0#



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

Dibenzenofuran

Concen: 41.009 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

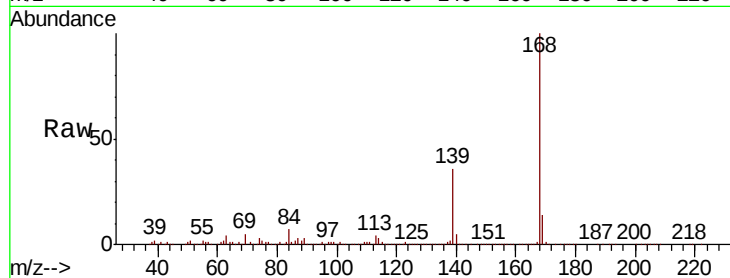
Tot Ion:168 Resp: 557009

Ion Ratio Lower Upper

168 100

139 36.0 27.8 41.6

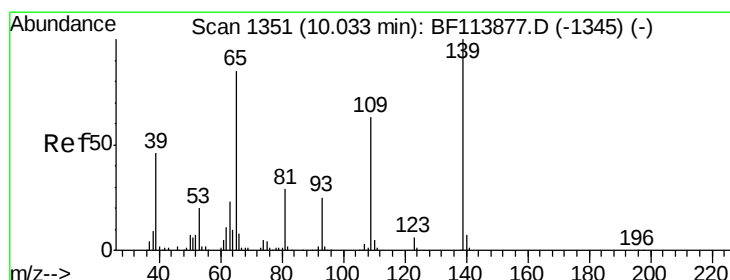
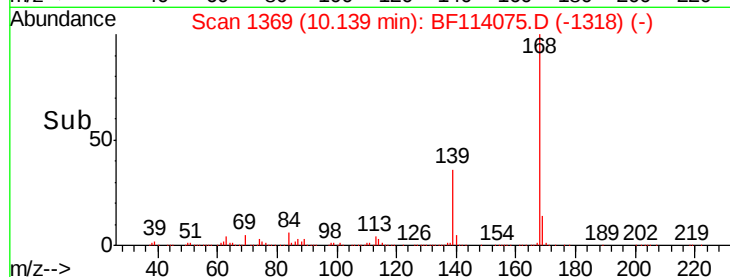
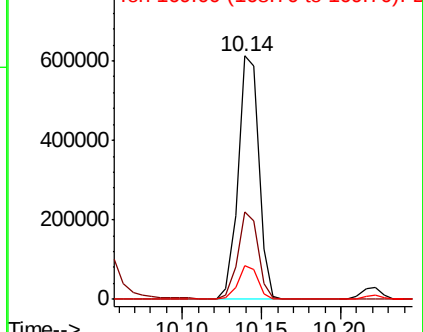
169 13.9 11.0 16.6



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: 80.188 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.02 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

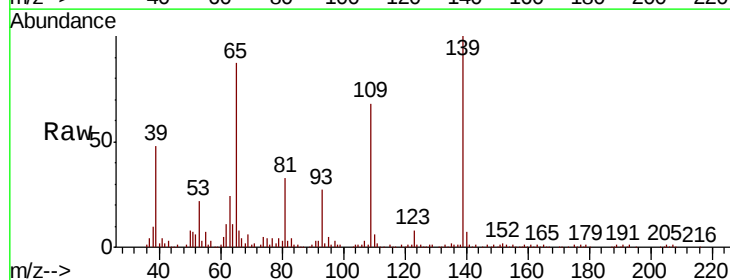
Tgt Ion:139 Resp: 163308

Ion Ratio Lower Upper

139 100

109 68.0 42.9 82.9

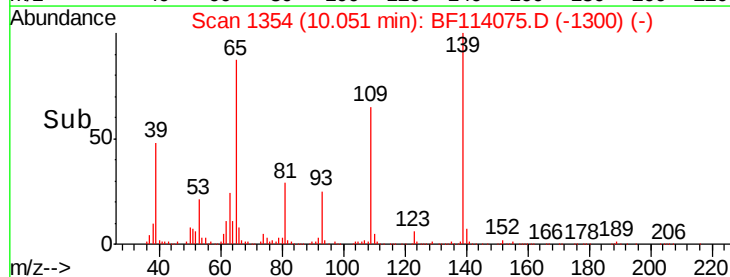
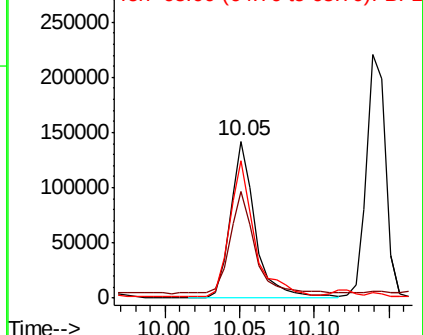
65 87.2 64.4 104.4

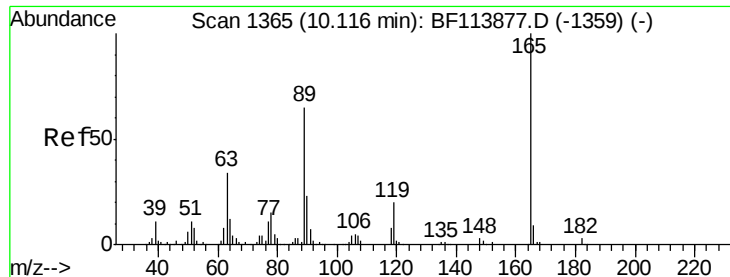


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 38.209 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

Tot Ion:165 Resp: 118052

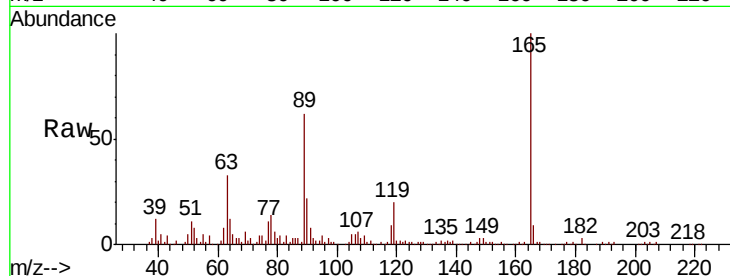
Ion Ratio Lower Upper

165 100

63 33.1 27.4 41.0

89 61.5 51.8 77.6

182 2.8 2.2 3.2

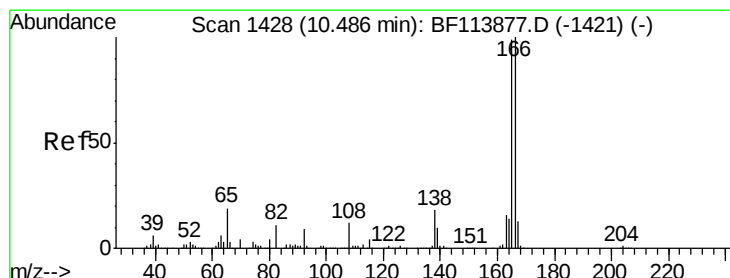
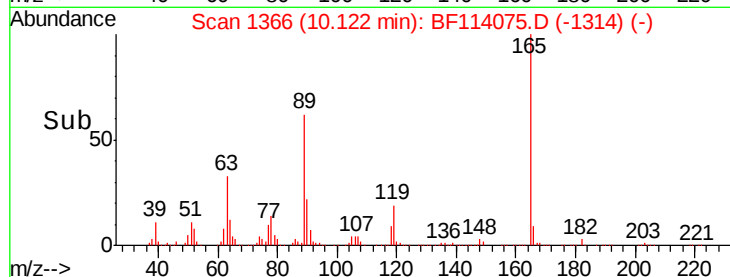
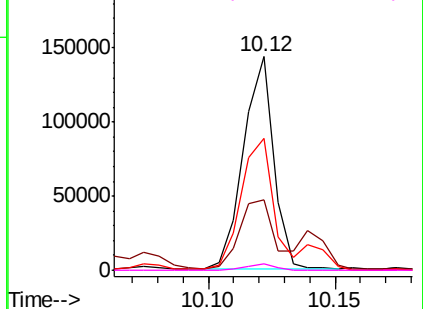


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.686 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

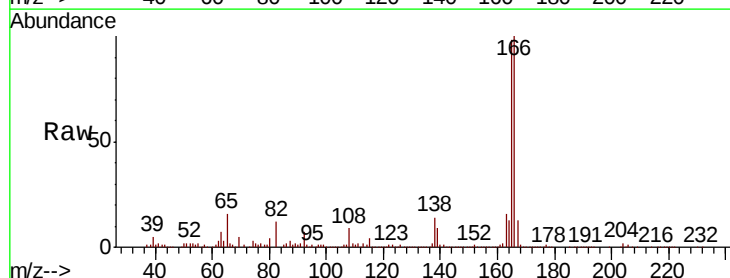
Tgt Ion:166 Resp: 416051

Ion Ratio Lower Upper

166 100

165 97.8 78.4 117.6

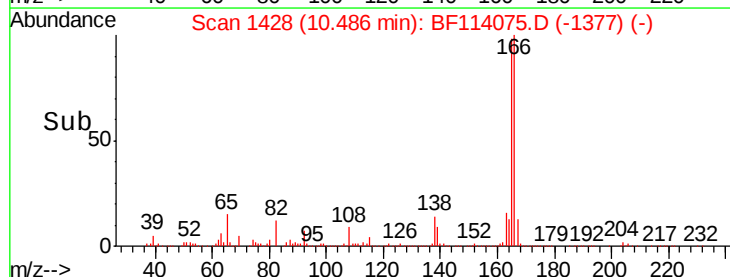
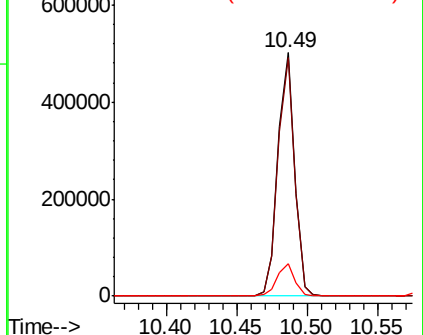
167 13.4 10.9 16.3

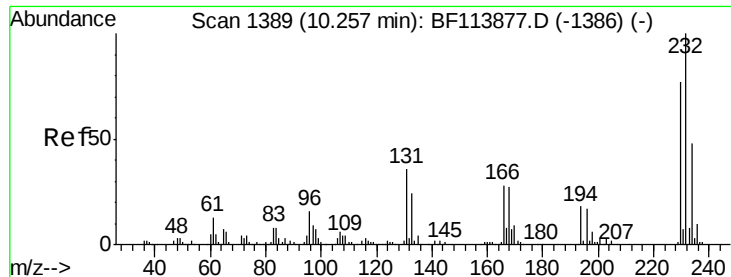


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

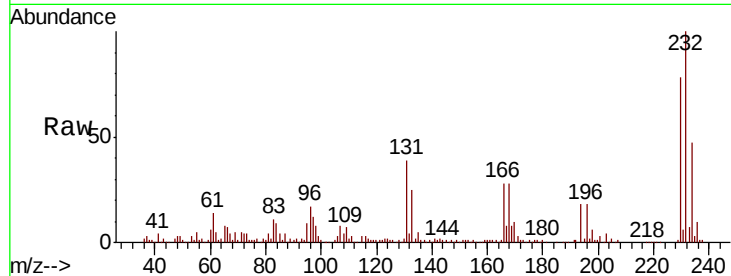




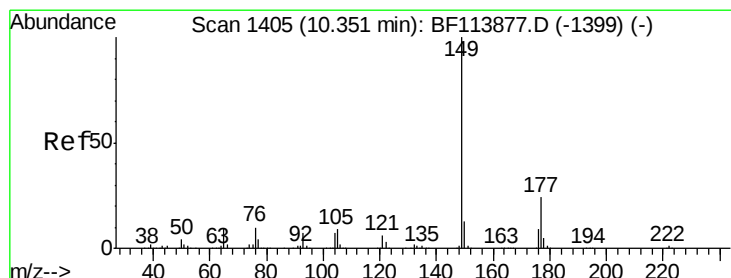
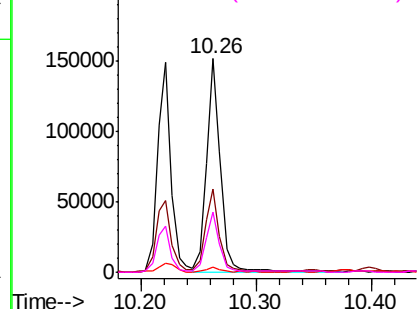
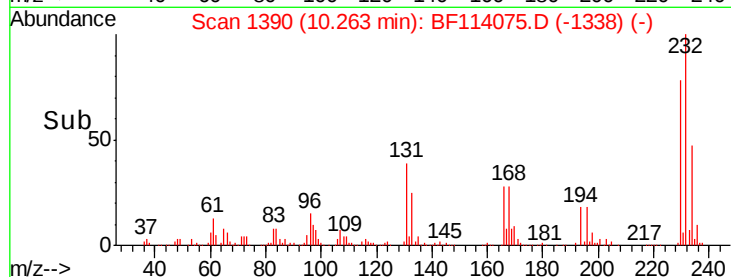
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.988 ng  
 RT: 10.26 min Scan# 1390  
 Delta R.T. 0.01 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-66-TPMSRE

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 128261 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 37.5  | 30.2  | 45.2   |
| 130      | 1.8   | 1.5   | 2.3    |
| 166      | 26.8  | 22.2  | 33.4   |

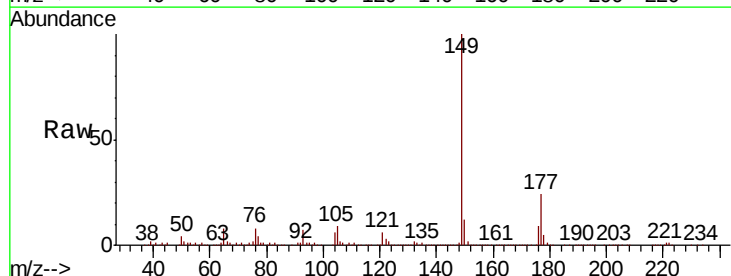


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

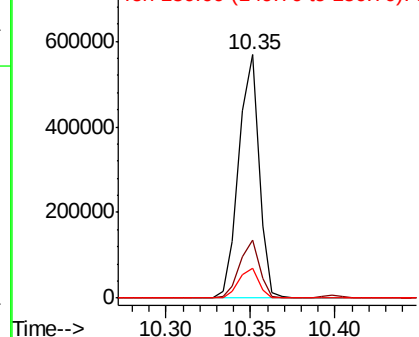
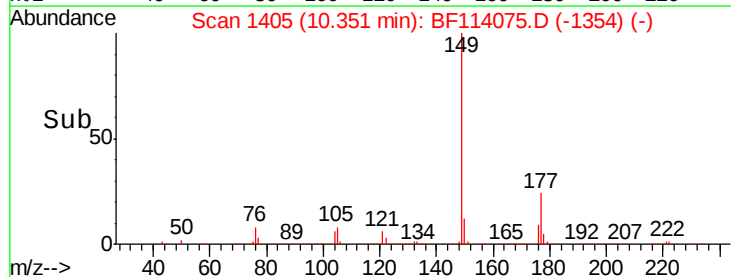


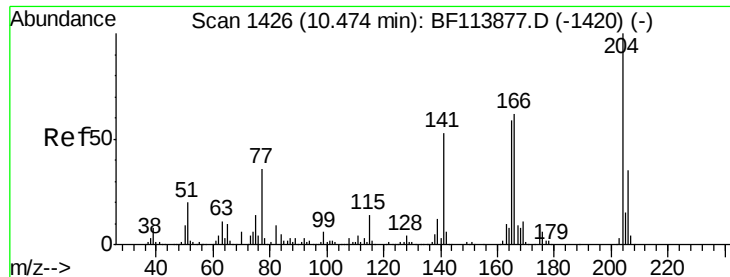
#60  
 Diethylphthalate  
 Concen: 43.408 ng  
 RT: 10.35 min Scan# 1405  
 Delta R.T. 0.00 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 470307 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.9  | 19.2  | 28.8   |
| 150      | 12.0  | 10.3  | 15.5   |



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

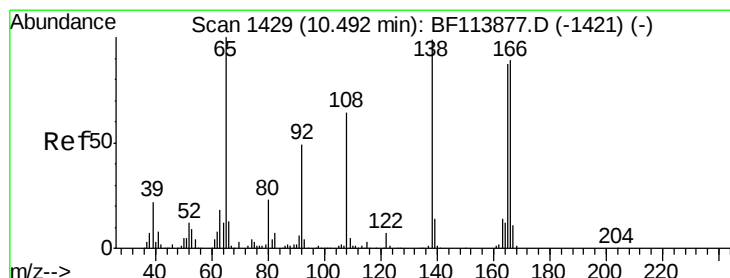
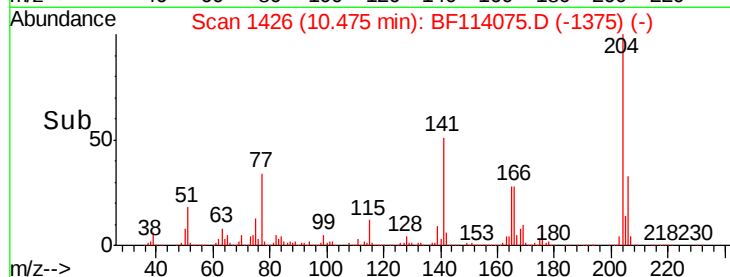
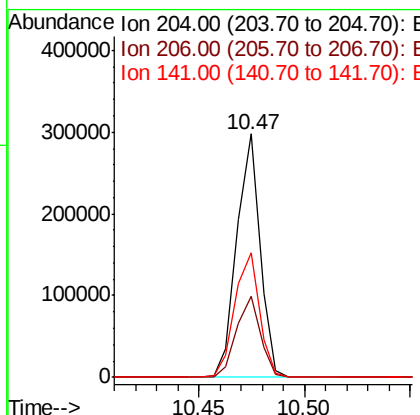
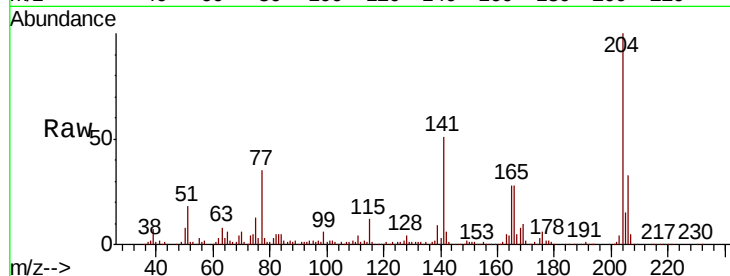




#61  
4-Chlorophenyl-phenylether  
Concen: 41.674 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. 0.00 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

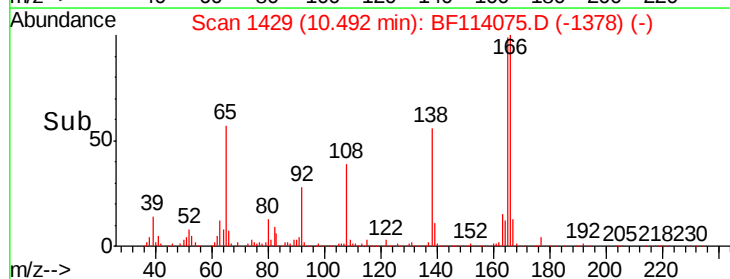
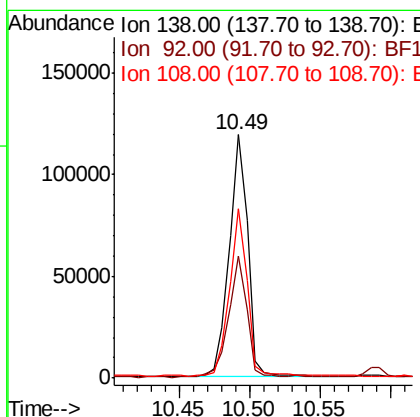
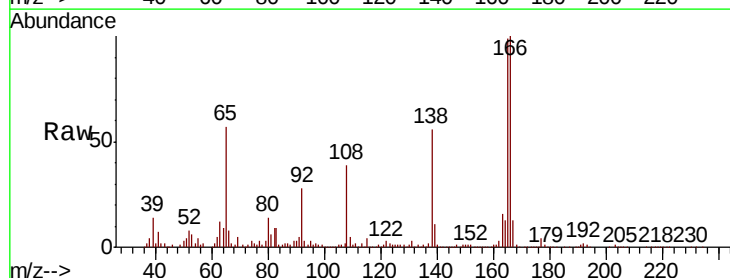
Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

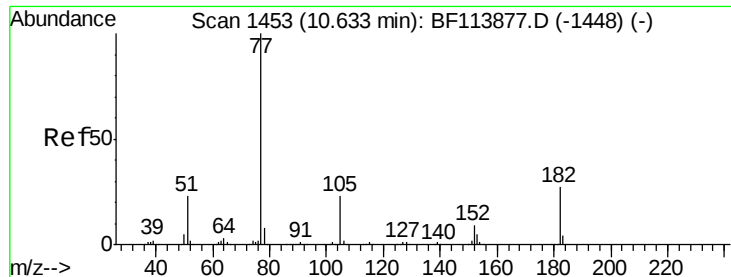
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 27.4  | 41.2  |
| 141     | 51.2  | 42.6  | 63.8  |



#62  
4-Nitroaniline  
Concen: 43.661 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. 0.00 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.2  | 31.3  | 71.3  |
| 108     | 69.8  | 48.9  | 88.9  |





#63

Azobenzene

Concen: 37.478 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

Tot Ion: 77 Resp: 393550

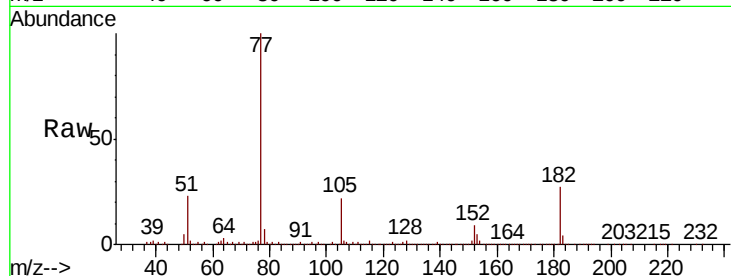
Ion Ratio Lower Upper

77 100

182 26.8 4.4 44.4

105 22.2 2.2 42.2

51 23.4 3.9 43.9

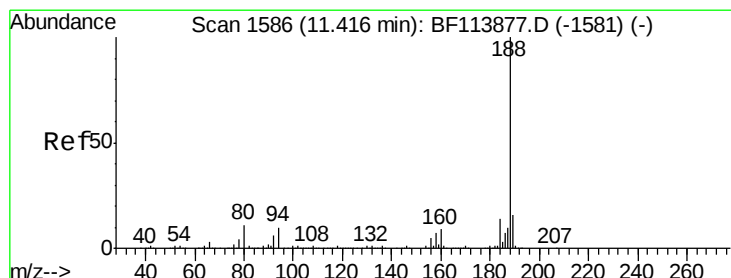
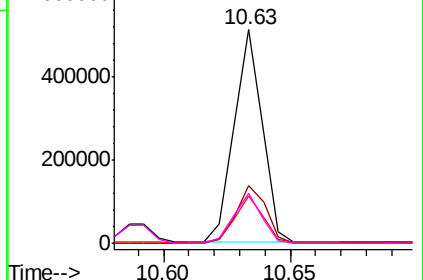
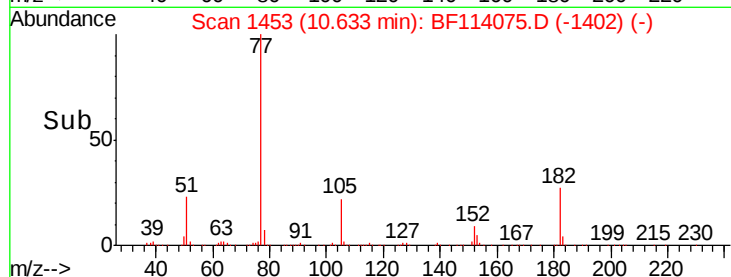


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

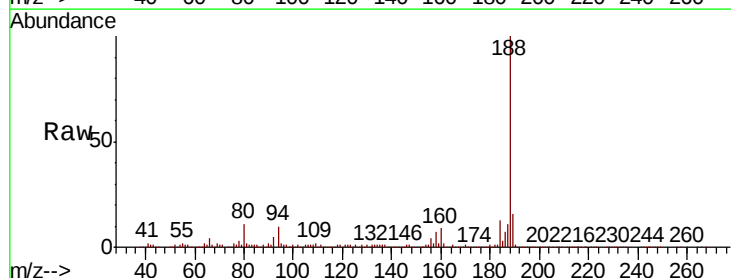
Tgt Ion: 188 Resp: 292239

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.4

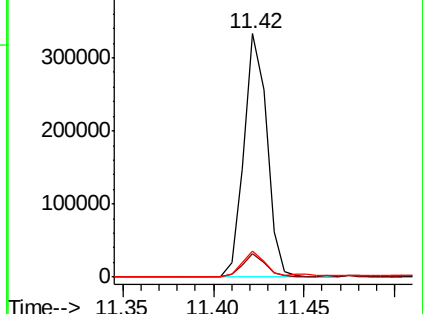
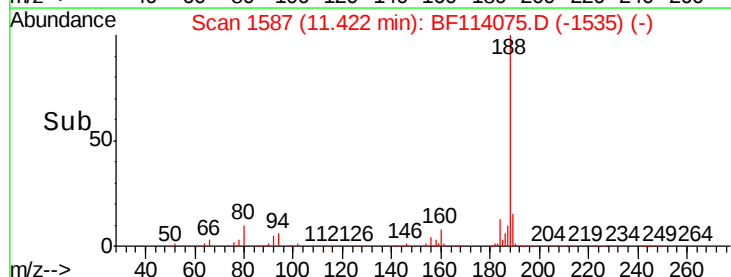
80 10.6 9.0 13.6

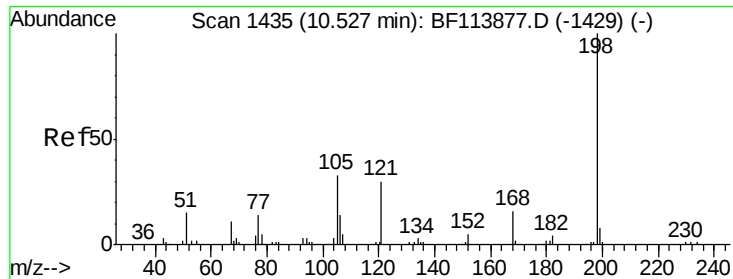


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

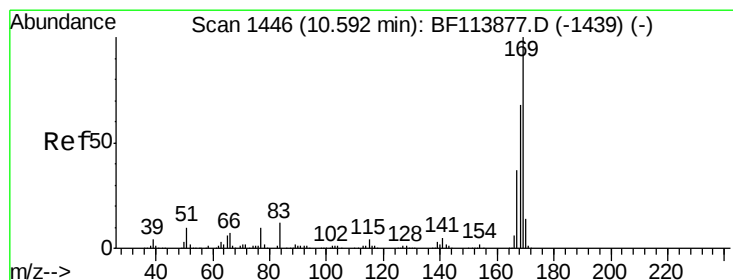
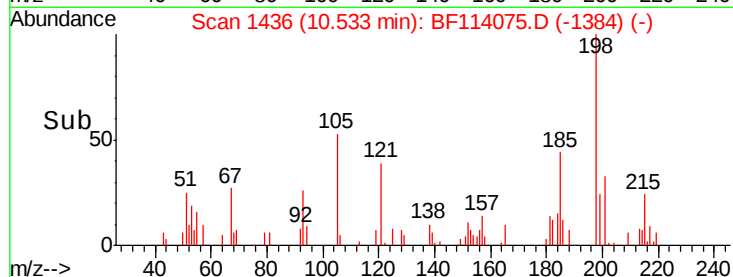
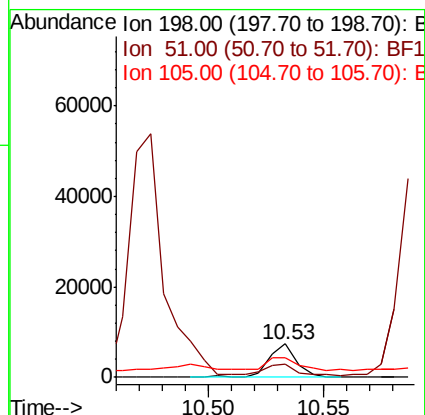
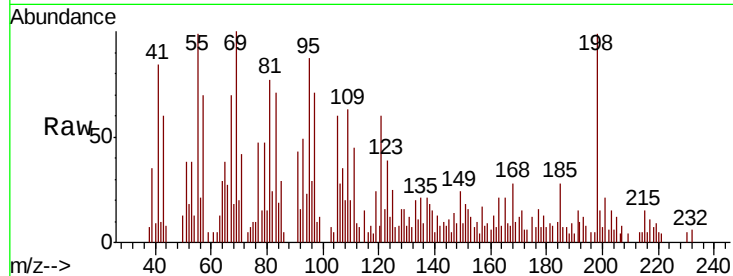




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 11.149 ng  
 RT: 10.53 min Scan# 1436  
 Delta R.T. 0.01 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

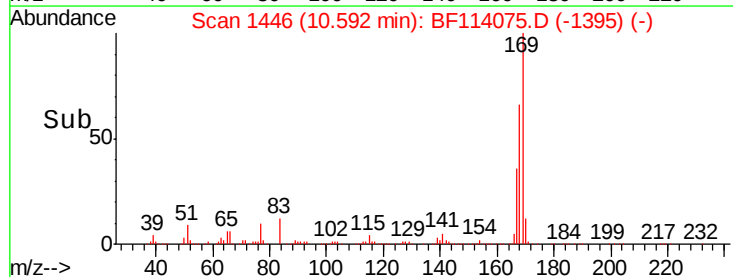
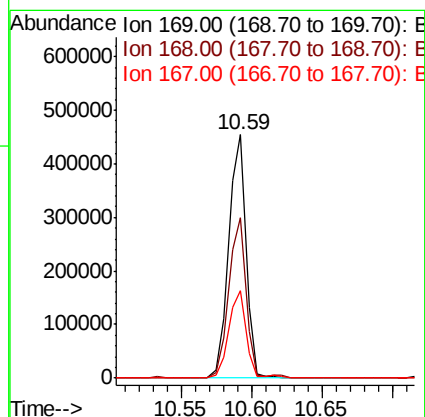
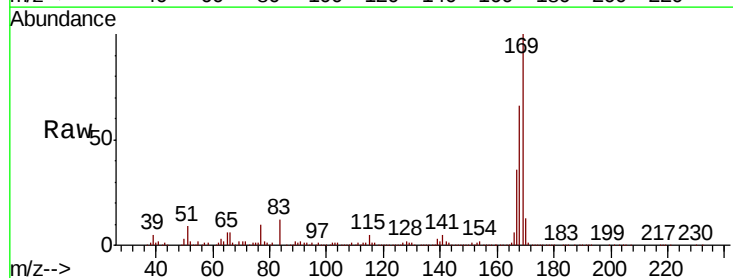
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-66-TPMSRE

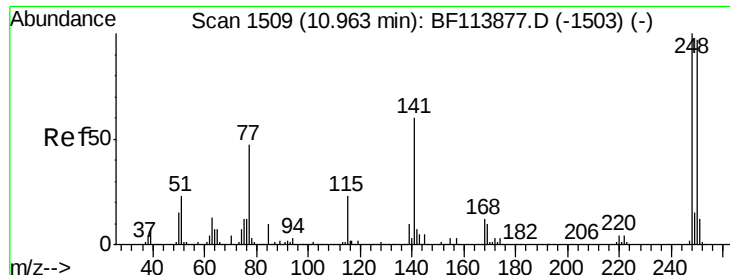
Tot Ion:198 Resp: 6069  
 Ion Ratio Lower Upper  
 198 100  
 51 37.8 11.1 51.1  
 105 60.2 20.7 60.7



#66  
 n-Nitrosodiphenylamine  
 Concen: 44.153 ng  
 RT: 10.59 min Scan# 1446  
 Delta R.T. 0.00 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Tgt Ion:169 Resp: 387162  
 Ion Ratio Lower Upper  
 169 100  
 168 66.1 54.3 81.5  
 167 35.9 29.4 44.0

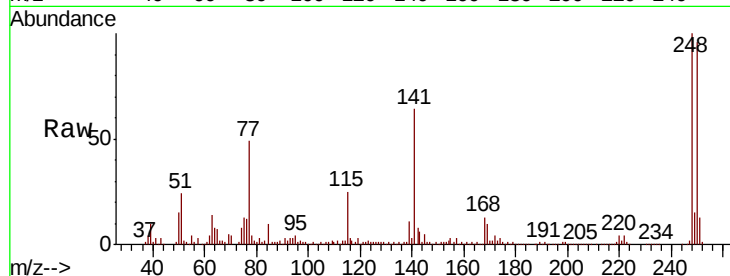




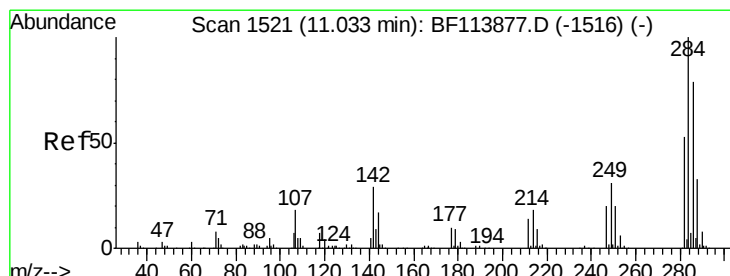
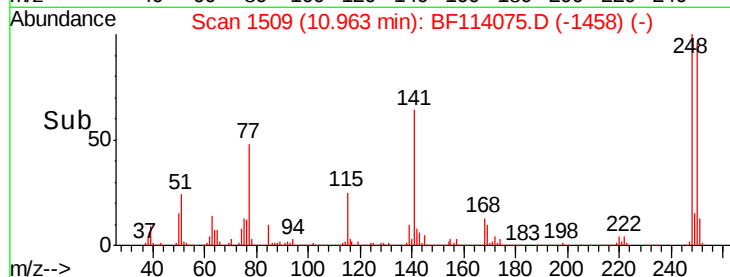
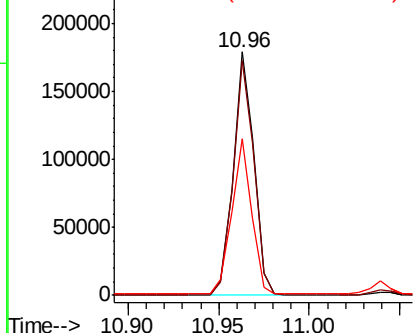
#67  
 4-Bromophenyl-phenylether  
 Concen: 40.370 ng  
 RT: 10.96 min Scan# 1509  
 Delta R.T. 0.00 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-66-TPMSRE

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 248   | Resp: | 142521 |
| Ion      | Ratio | Lower | Upper  |
| 248      | 100   |       |        |
| 250      | 96.3  | 75.8  | 113.6  |
| 141      | 64.2  | 50.2  | 75.4   |

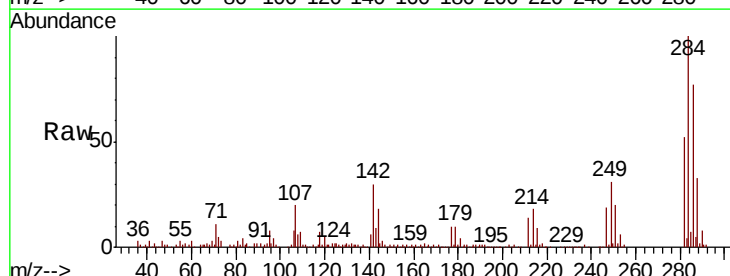


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

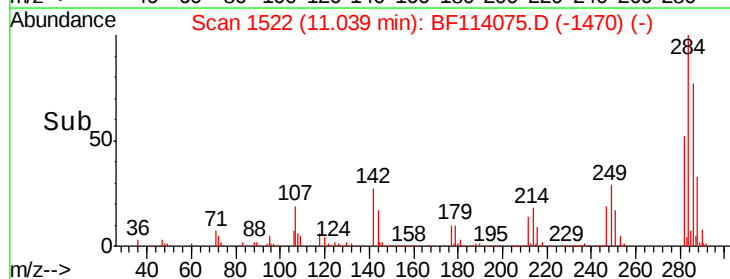
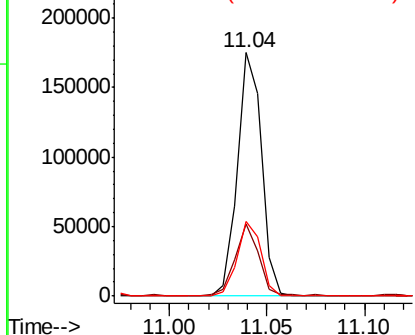


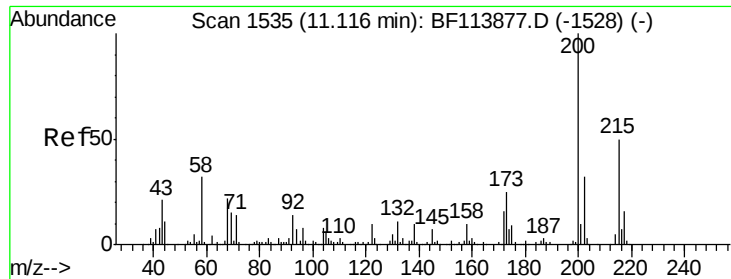
#68  
 Hexachlorobenzene  
 Concen: 38.713 ng  
 RT: 11.04 min Scan# 1522  
 Delta R.T. 0.01 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 284   | Resp: | 150189 |
| Ion      | Ratio | Lower | Upper  |
| 284      | 100   |       |        |
| 142      | 29.7  | 23.0  | 34.4   |
| 249      | 30.7  | 24.4  | 36.6   |



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





#69

Atrazine

Concen: 42.242 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

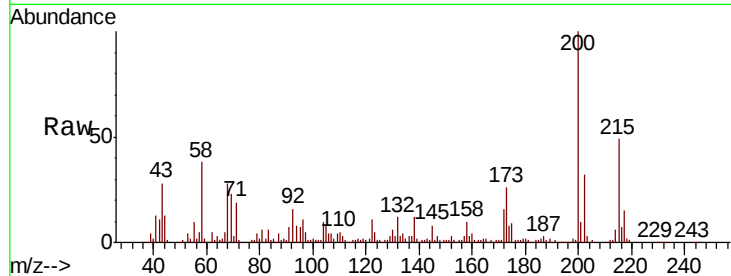
Tot Ion:200 Resp: 120496

Ion Ratio Lower Upper

200 100

173 25.8 5.9 45.9

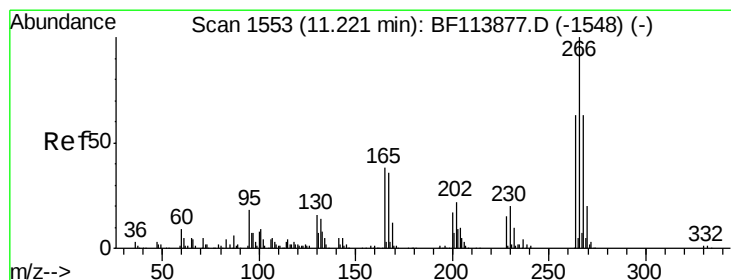
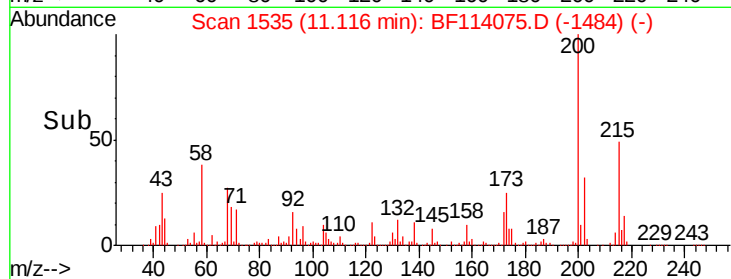
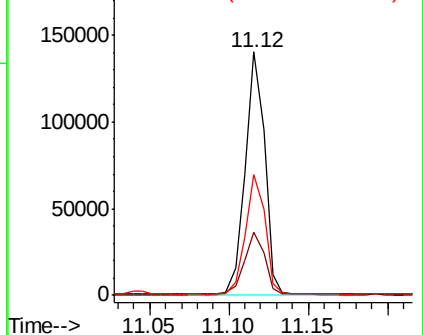
215 49.4 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 70.566 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

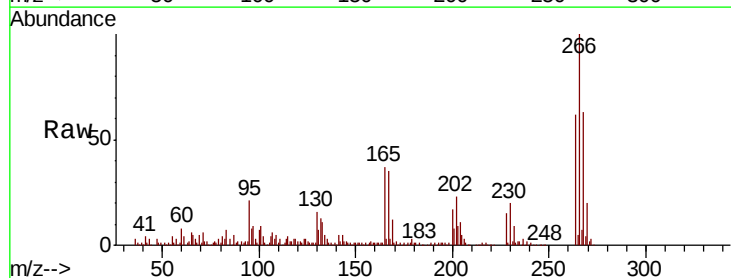
Tgt Ion:266 Resp: 155001

Ion Ratio Lower Upper

266 100

268 63.3 53.5 80.3

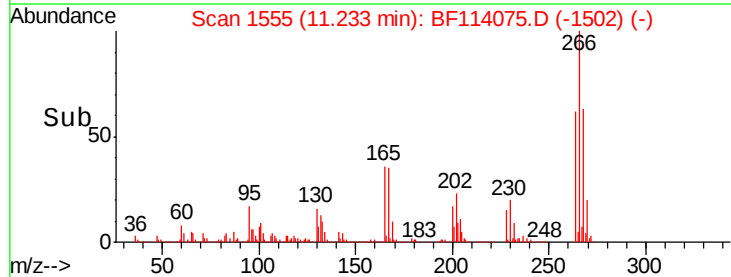
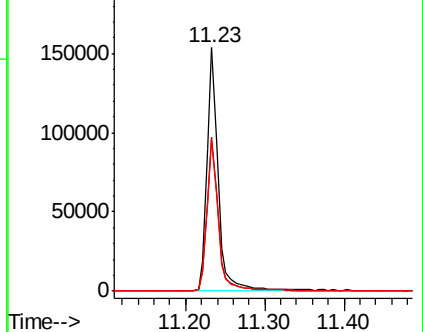
264 62.5 51.0 76.6

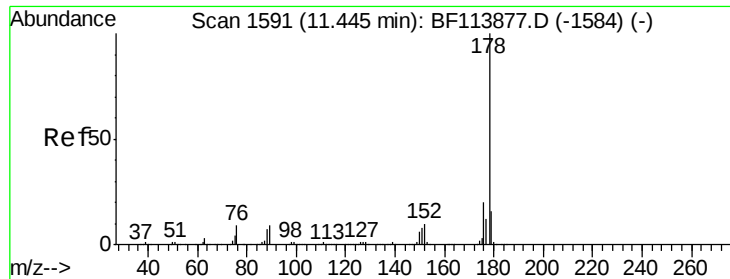


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

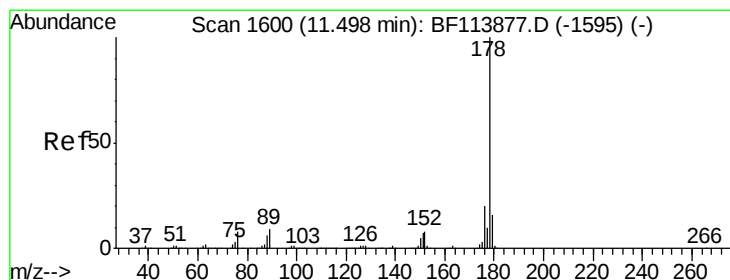
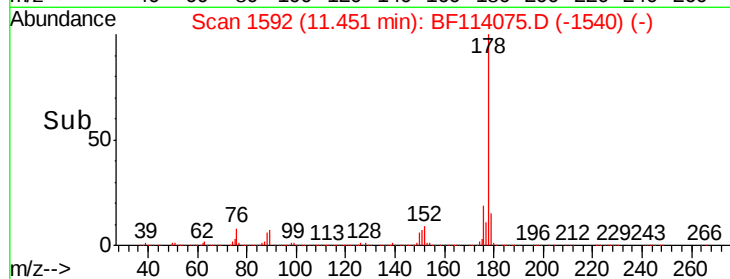
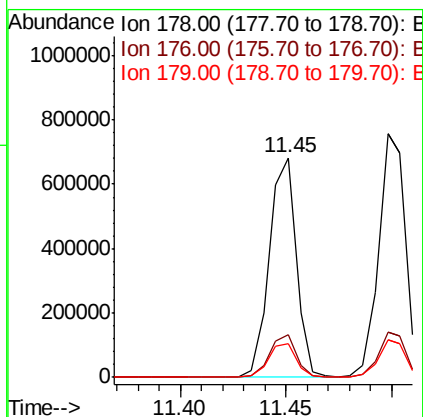
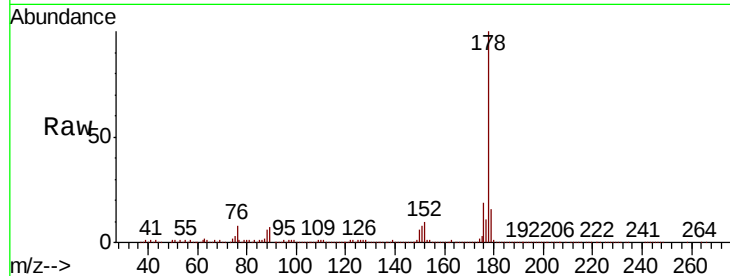




#71  
Phenanthrene  
Concen: 41.428 ng  
RT: 11.45 min Scan# 1592  
Delta R.T. 0.01 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

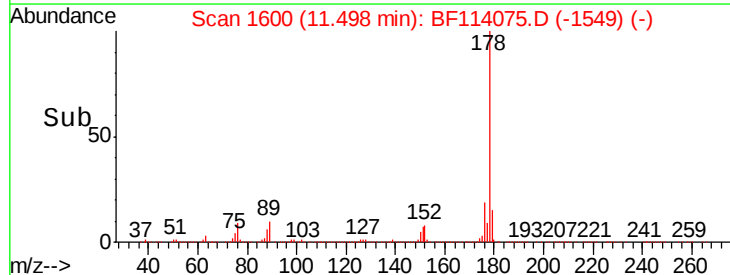
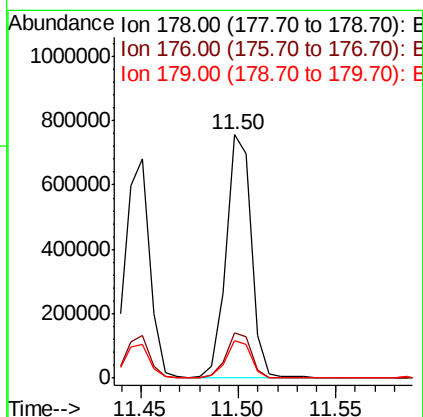
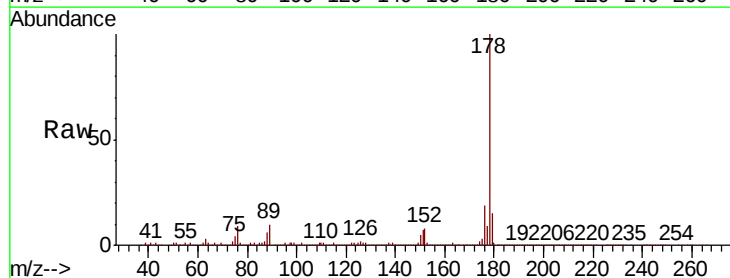
Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

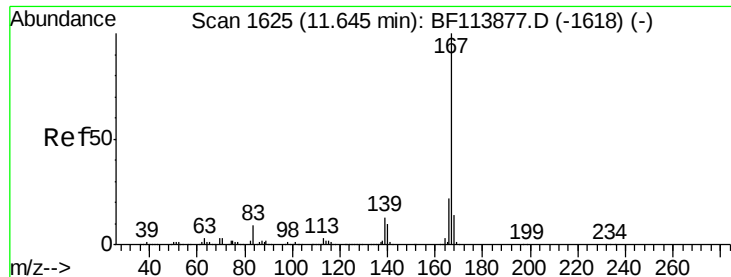
Tot Ion:178 Resp: 608437  
Ion Ratio Lower Upper  
178 100  
176 19.2 16.1 24.1  
179 15.5 12.8 19.2



#72  
Anthracene  
Concen: 45.354 ng  
RT: 11.50 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

Tgt Ion:178 Resp: 672652  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.7 23.5  
179 15.4 13.0 19.4





#73

Carbazole

Concen: 48.360 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

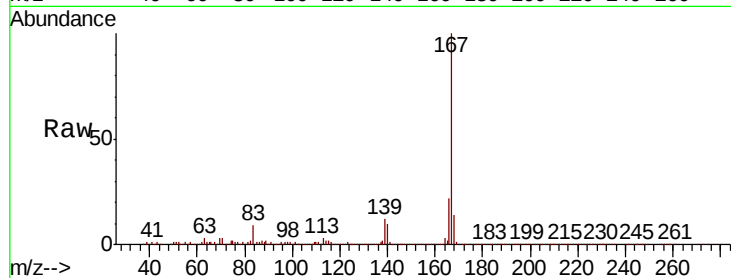
Tot Ion:167 Resp: 639877

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

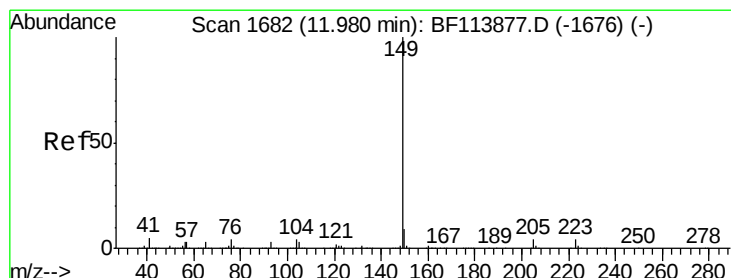
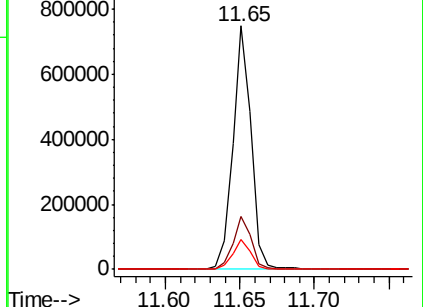
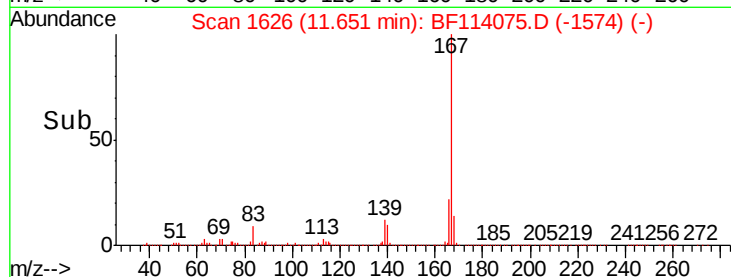
139 12.5 10.0 15.0



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: 51.362 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

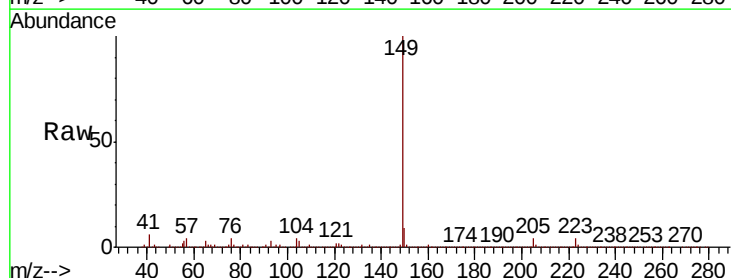
Tgt Ion:149 Resp: 799427

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.8

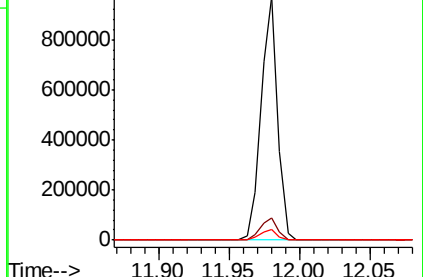
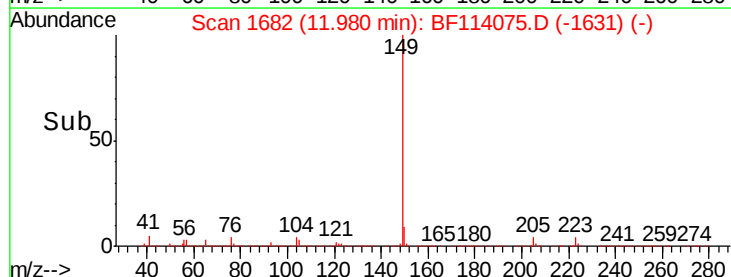
104 4.3 3.8 5.8

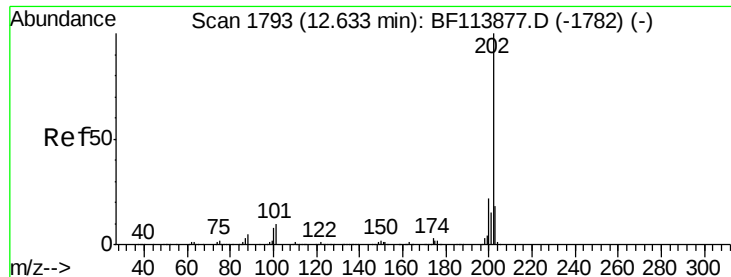


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.407 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

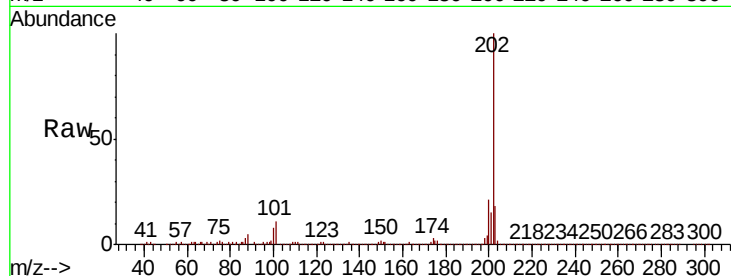
Tot Ion:202 Resp: 663478

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.9

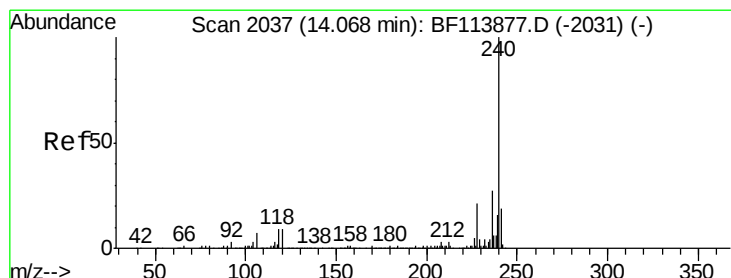
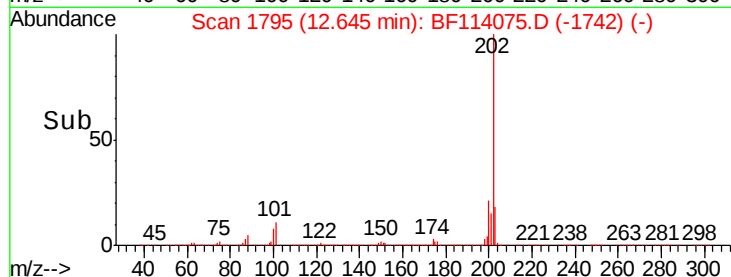
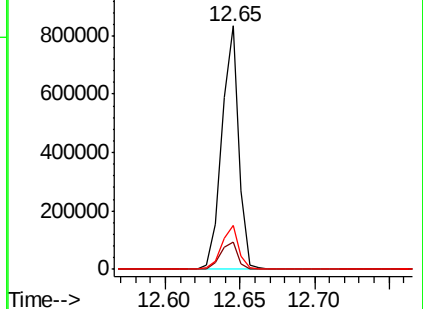
203 17.8 0.0 38.2



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: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

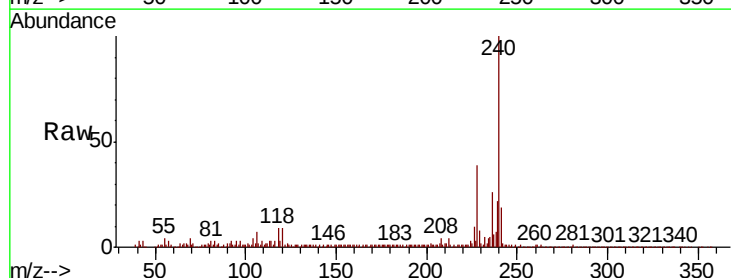
Tgt Ion:240 Resp: 231245

Ion Ratio Lower Upper

240 100

120 9.4 9.3 13.9

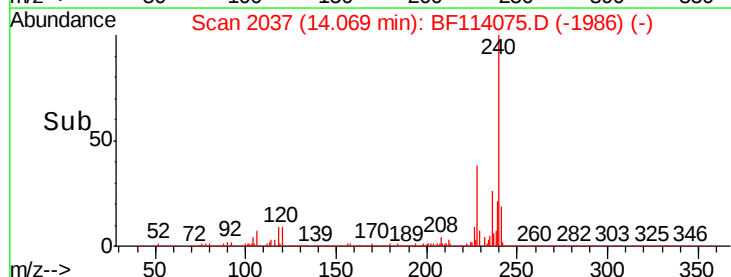
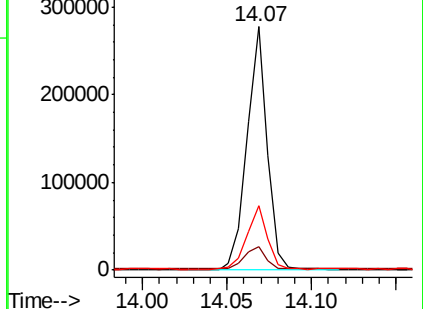
236 26.2 21.2 31.8

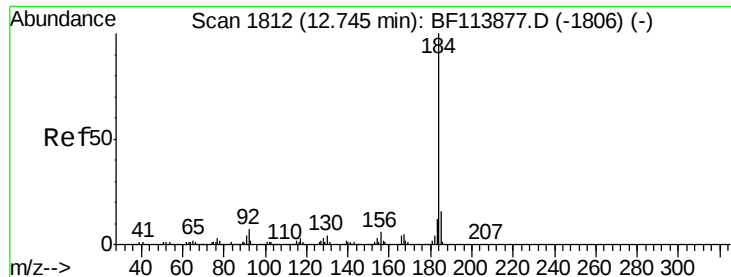


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.236 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

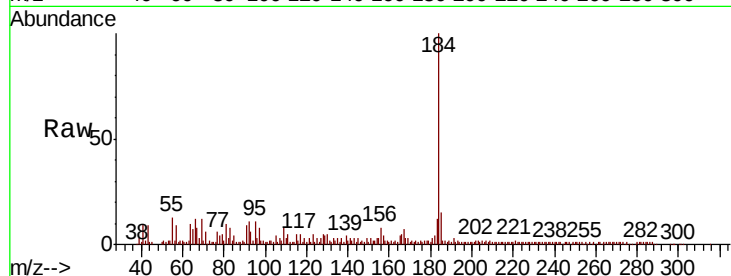
Tot Ion:184 Resp: 111866

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.6

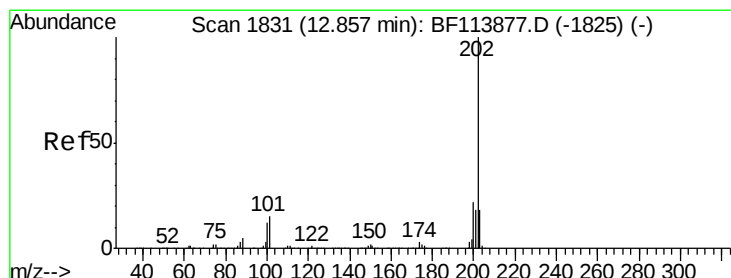
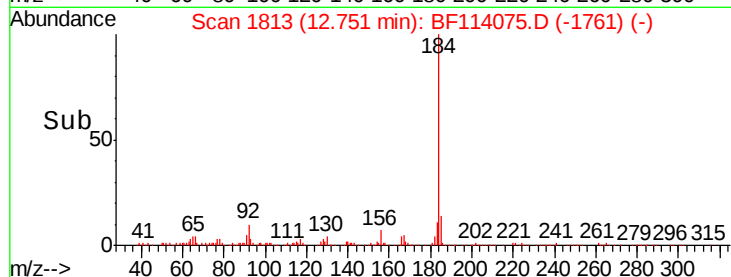
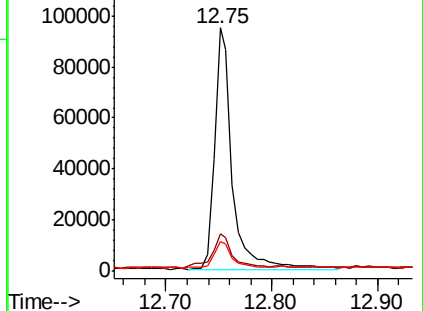
183 12.3 9.4 14.0



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: 41.047 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

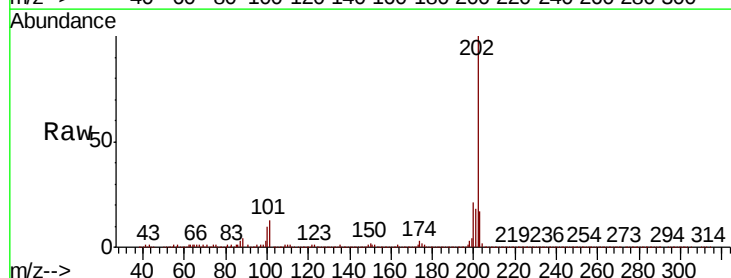
Tgt Ion:202 Resp: 663785

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

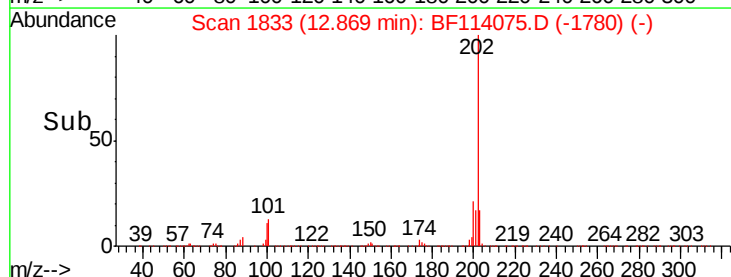
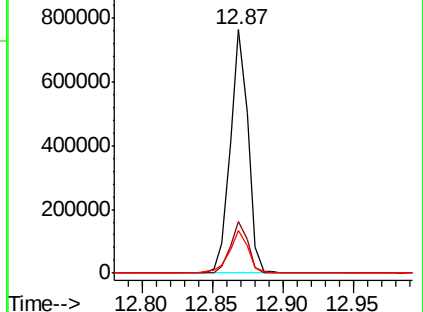
203 17.5 15.0 22.6

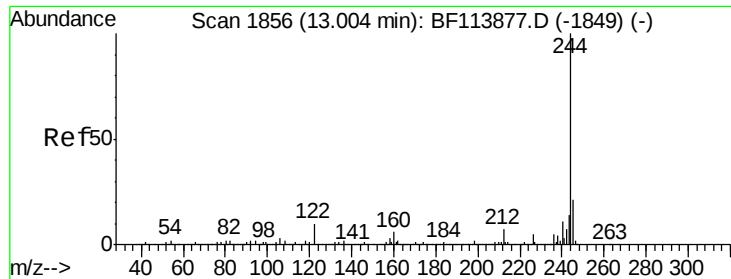


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.795 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

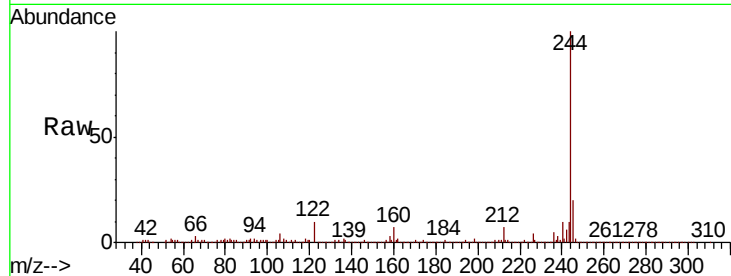
Tot Ion:244 Resp: 900054

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

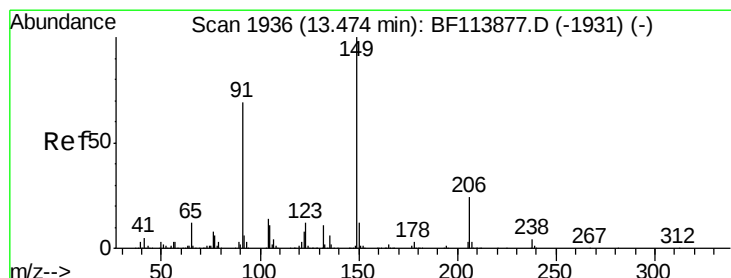
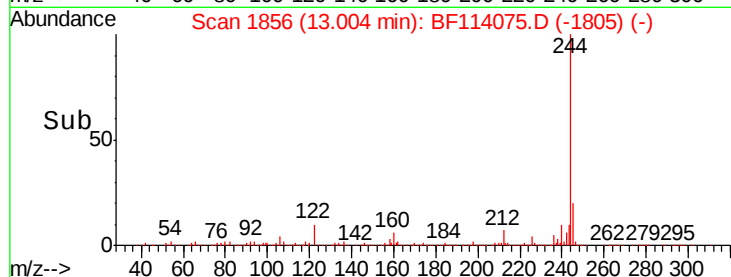
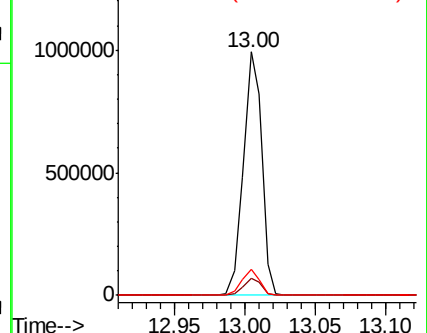
122 10.5 7.6 11.4



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: 45.783 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

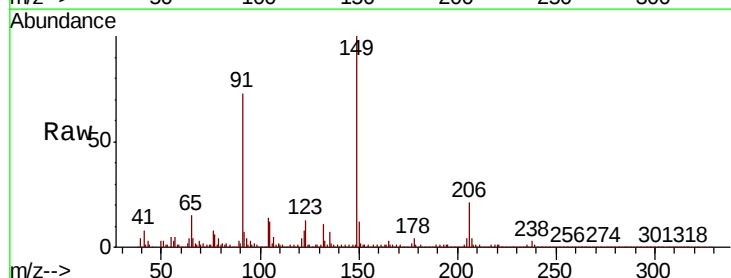
Tgt Ion:149 Resp: 291297

Ion Ratio Lower Upper

149 100

91 72.8 56.3 84.5

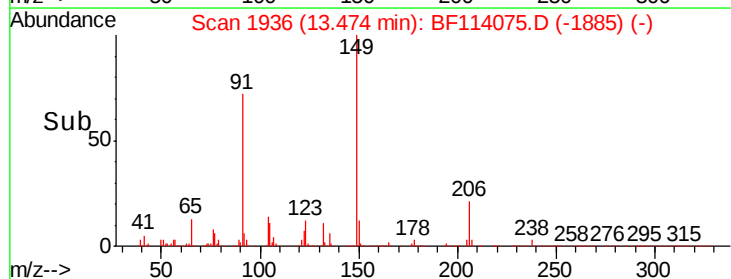
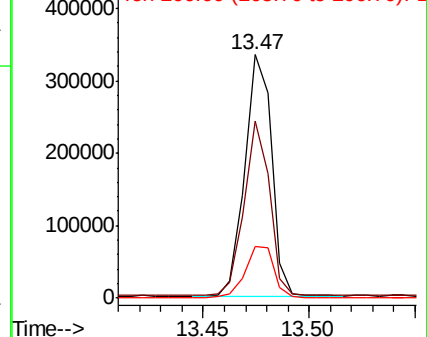
206 21.2 19.0 28.6

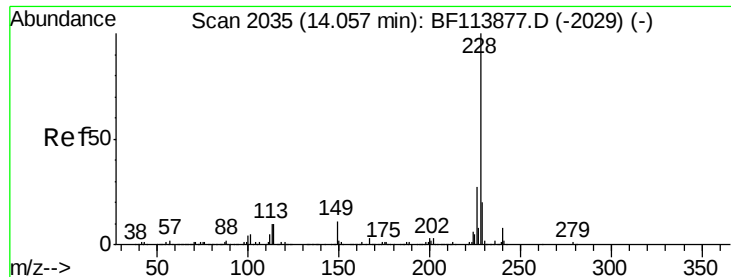


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

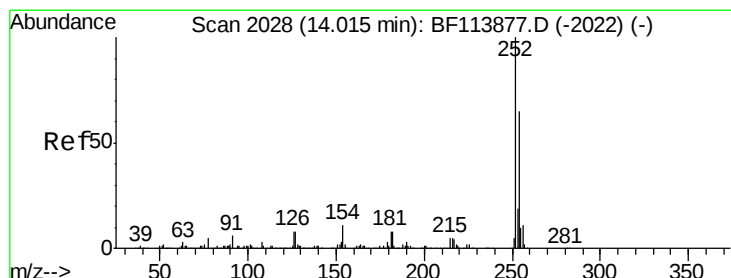
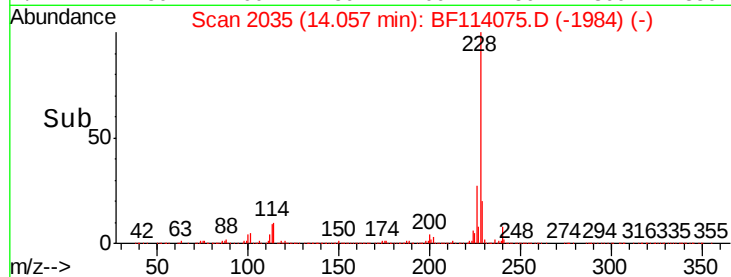
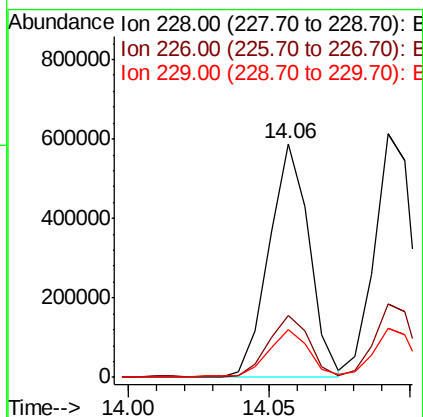
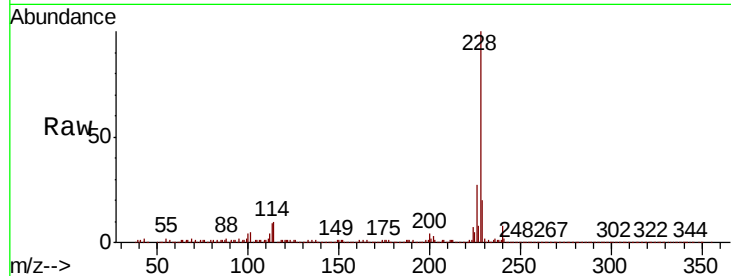




#81  
Benzo(a)anthracene  
Concen: 42.299 ng  
RT: 14.06 min Scan# 2035  
Delta R.T. 0.00 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

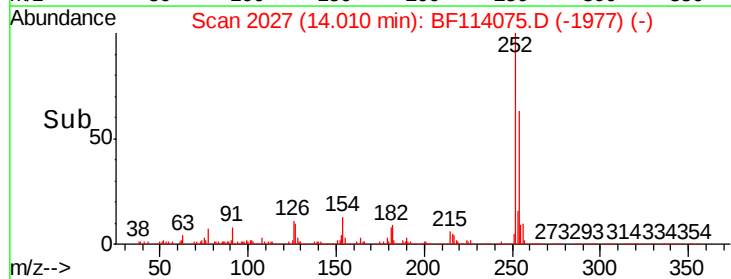
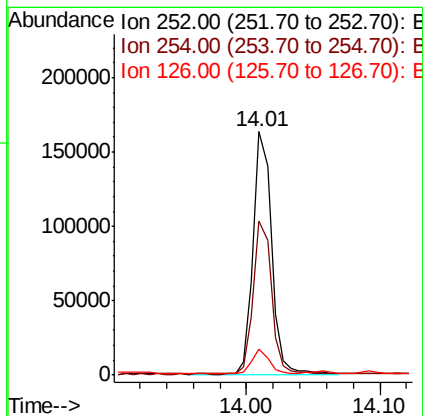
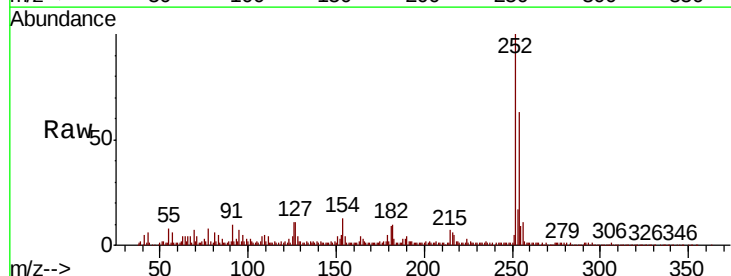
Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

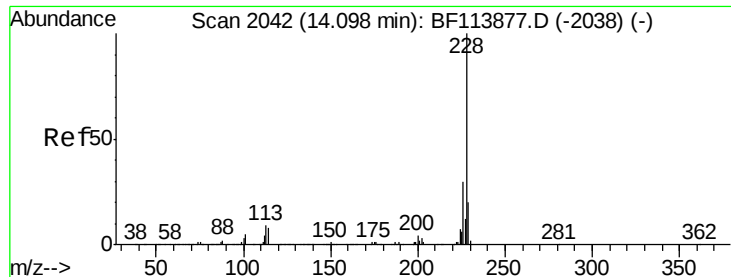
Tot Ion:228 Resp: 576299  
Ion Ratio Lower Upper  
228 100  
226 26.7 22.2 33.2  
229 20.4 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 30.816 ng  
RT: 14.01 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

Tgt Ion:252 Resp: 153891  
Ion Ratio Lower Upper  
252 100  
254 63.3 52.1 78.1  
126 10.9 9.3 13.9

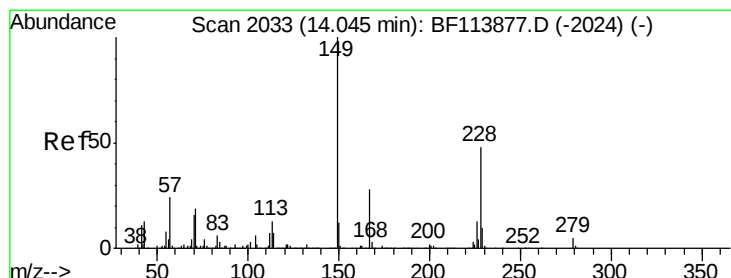
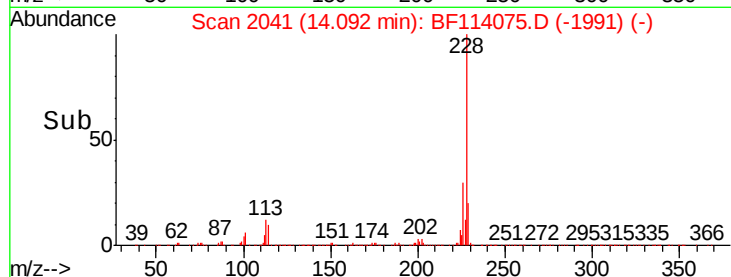
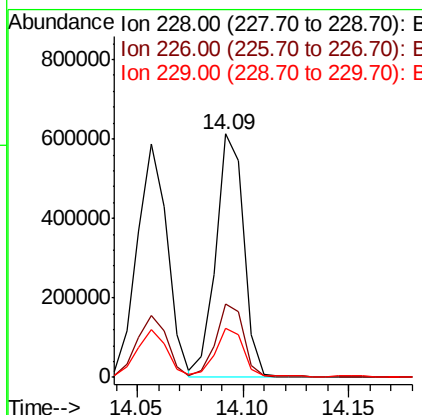
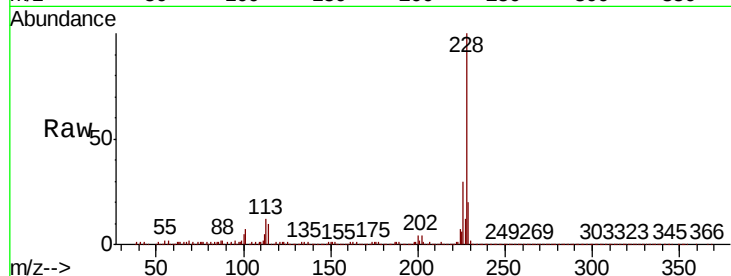




#83  
 Chrvsene  
 Concen: 42.040 ng  
 RT: 14.09 min Scan# 2041  
 Delta R.T. -0.01 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

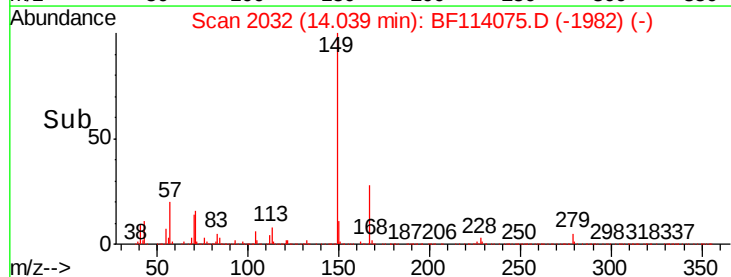
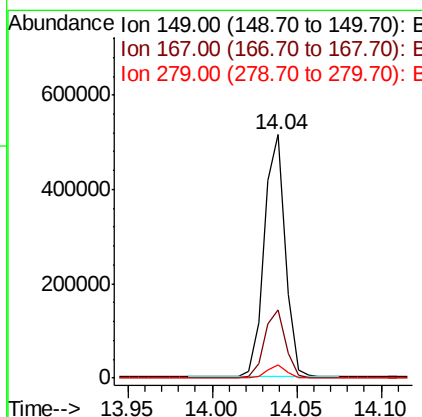
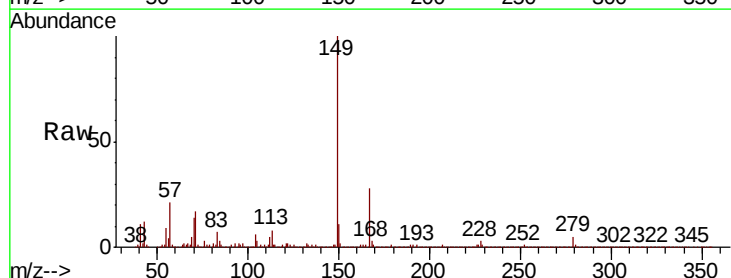
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-66-TPMSRE

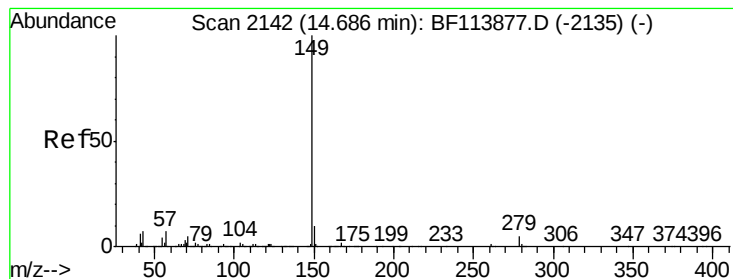
Tot Ion:228 Resp: 557827  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 25.2 37.8  
 229 20.3 16.7 25.1



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 54.707 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. -0.01 min  
 Lab File: BF114075.D  
 Acq: 1 May 2019 18:13

Tgt Ion:149 Resp: 442859  
 Ion Ratio Lower Upper  
 149 100  
 167 28.0 22.9 34.3  
 279 5.2 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 63.055 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.03 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA\_F

ClientSampleId :

P-66-TPMSRE

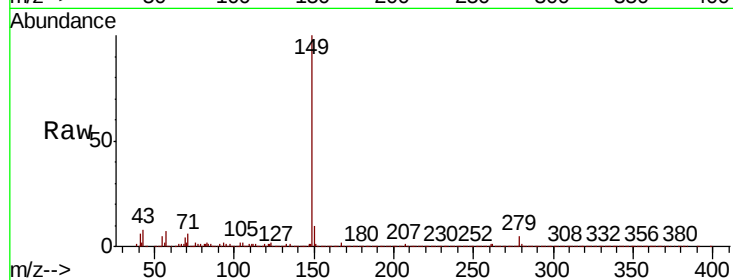
Tot Ion:149 Resp: 798959

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

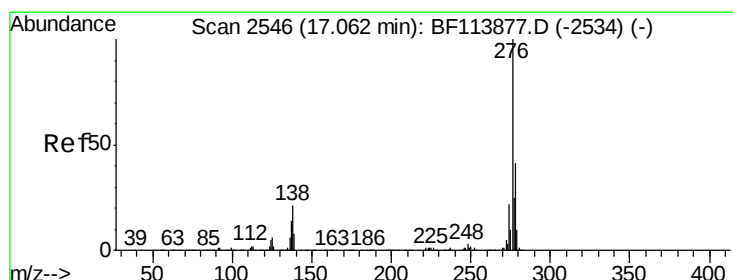
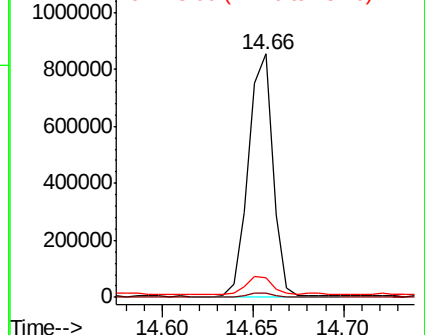
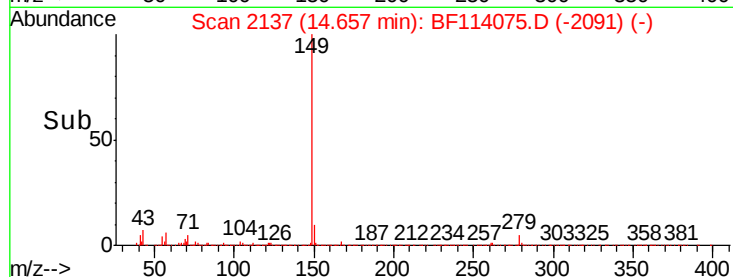
43 7.8 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.477 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

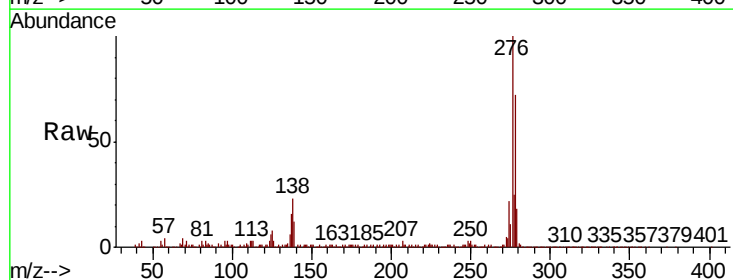
Tgt Ion:276 Resp: 433330

Ion Ratio Lower Upper

276 100

138 22.9 19.6 29.4

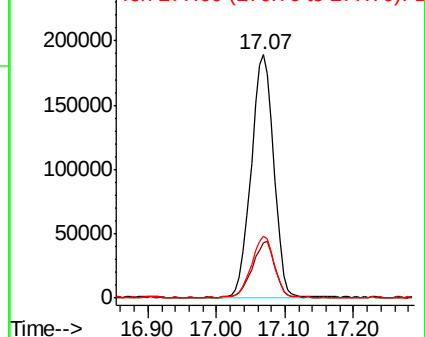
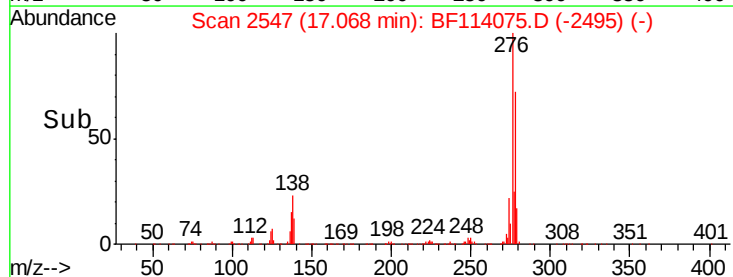
277 24.7 20.2 30.4

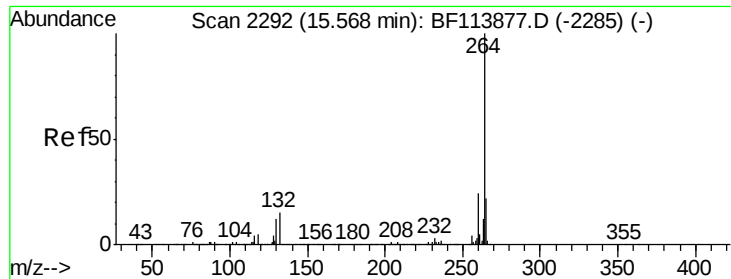


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

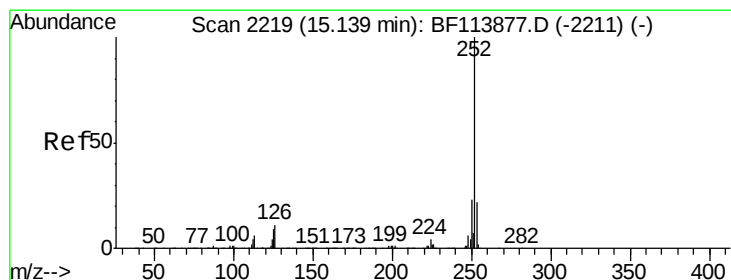
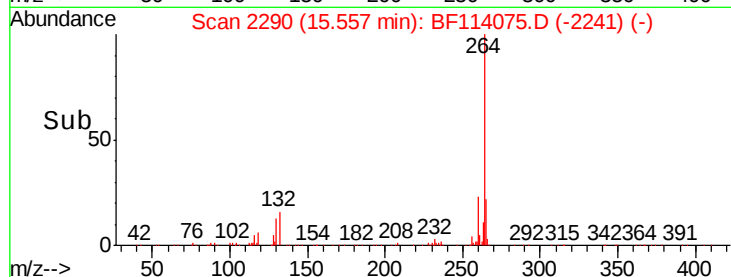
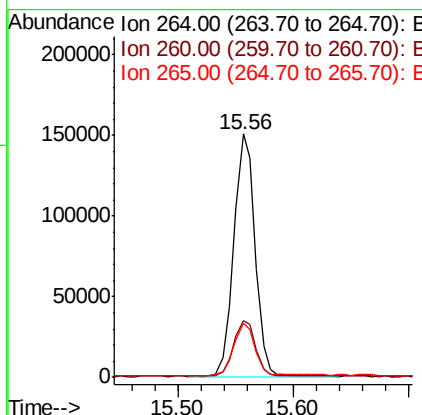
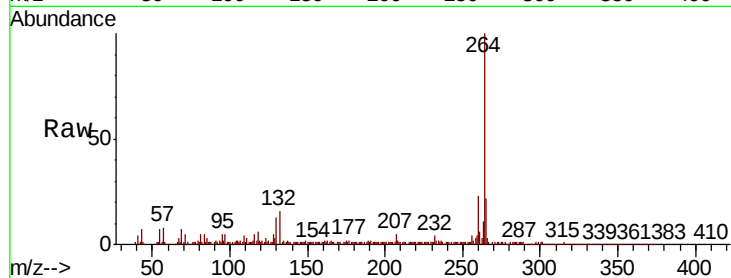




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.56 min Scan# 2290  
Delta R.T. -0.01 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

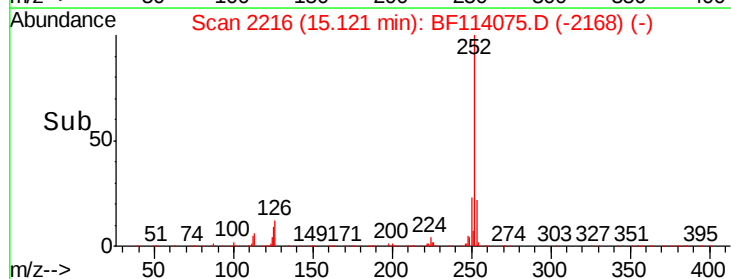
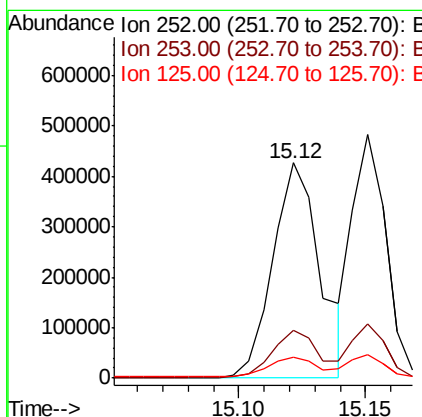
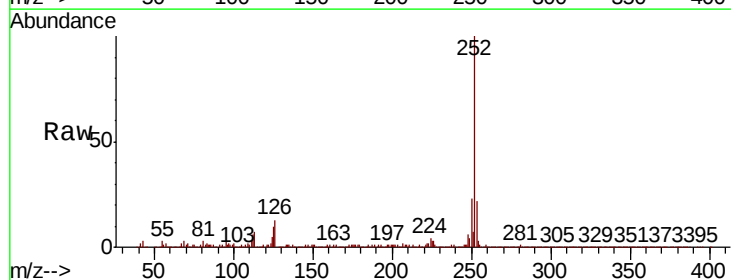
Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

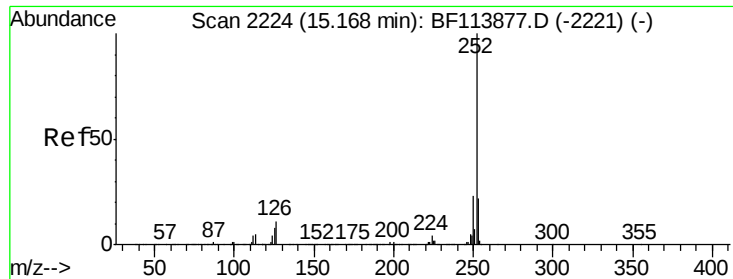
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.5  | 18.9  | 28.3  |
| 265     | 22.4  | 17.3  | 25.9  |



#88  
Benzo(b)fluoranthene  
Concen: 45.546 ng  
RT: 15.12 min Scan# 2216  
Delta R.T. -0.02 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.8  | 26.6  |
| 125     | 10.0  | 7.0   | 10.6  |

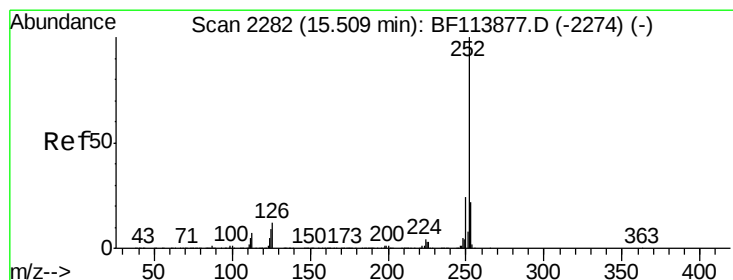
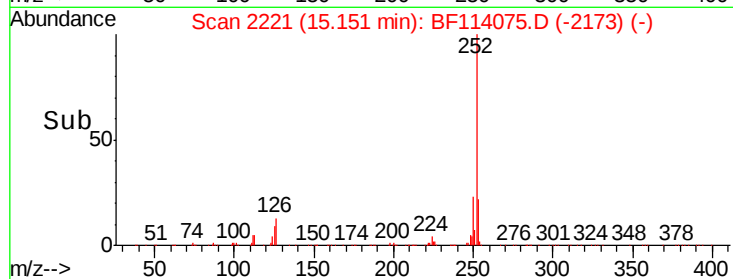
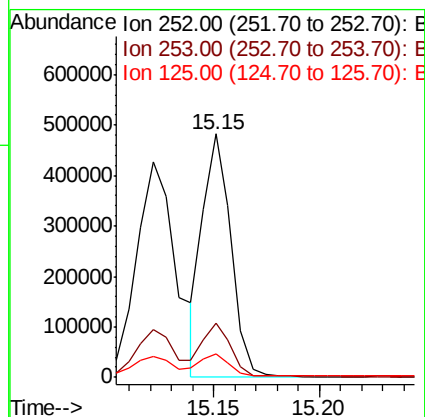
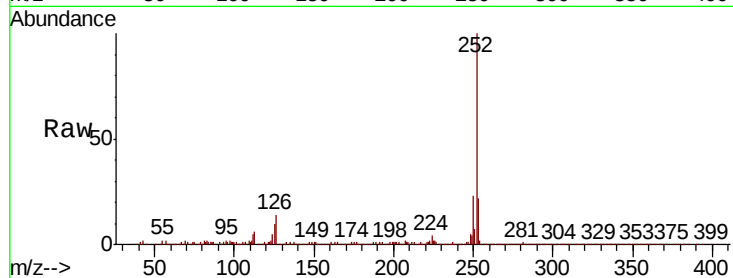




#89  
Benzo(k)fluoranthene  
Concen: 42.917 ng  
RT: 15.15 min Scan# 2221  
Delta R.T. -0.02 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

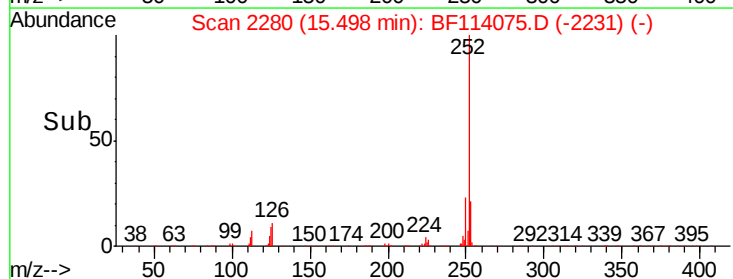
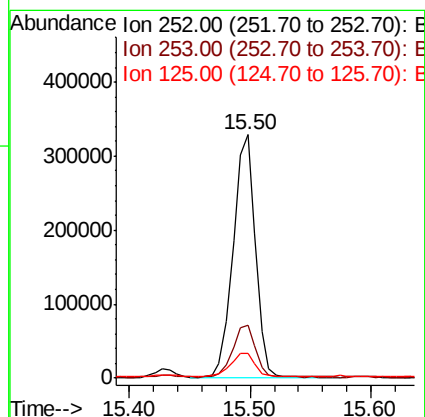
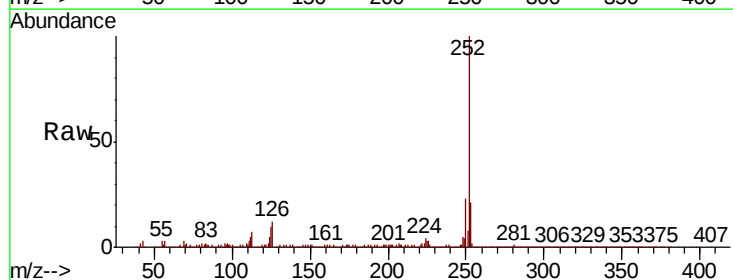
Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

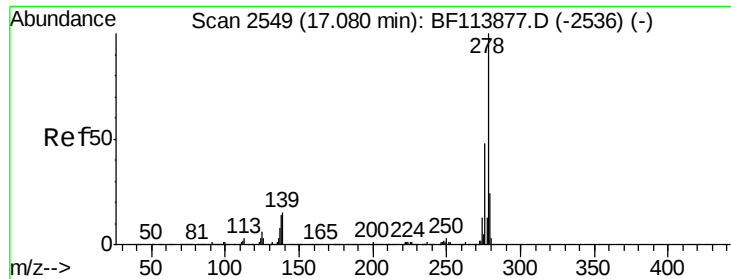
Tot Ion:252 Resp: 446040  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.2 27.2  
125 9.5 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 40.237 ng  
RT: 15.50 min Scan# 2280  
Delta R.T. -0.01 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

Tgt Ion:252 Resp: 420507  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.5 26.3  
125 10.0 8.5 12.7

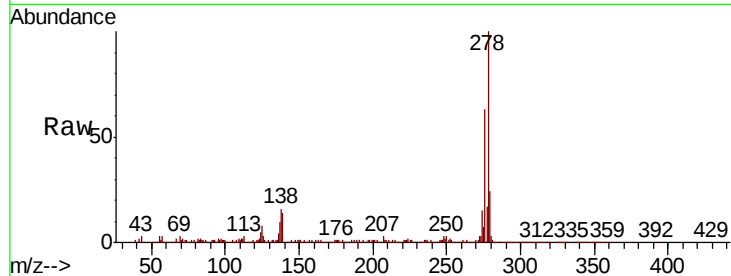




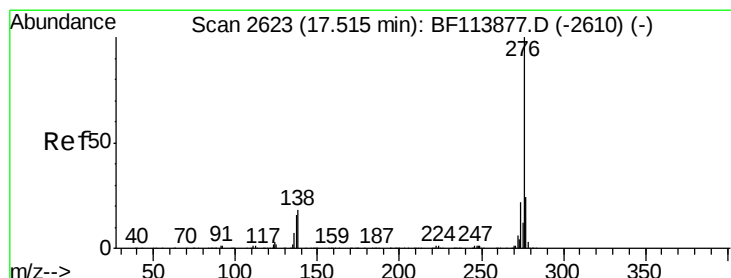
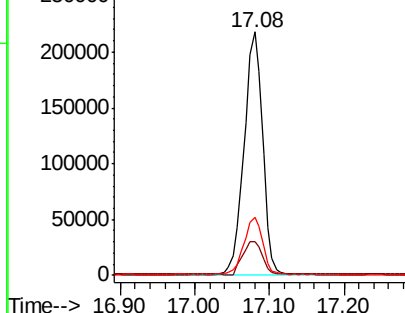
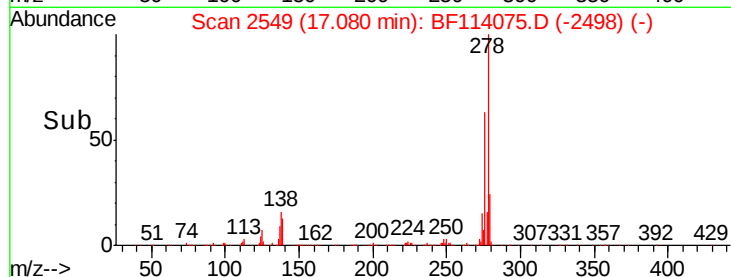
#91  
Dibenzo(a,h)anthracene  
Concen: 38.455 ng  
RT: 17.08 min Scan# 2549  
Delta R.T. 0.00 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

Instrument :  
BNA\_F  
ClientSampleId :  
P-66-TPMSRE

Tot Ion:278 Resp: 377253  
Ion Ratio Lower Upper  
278 100  
139 14.0 11.6 17.4  
279 23.9 19.0 28.6

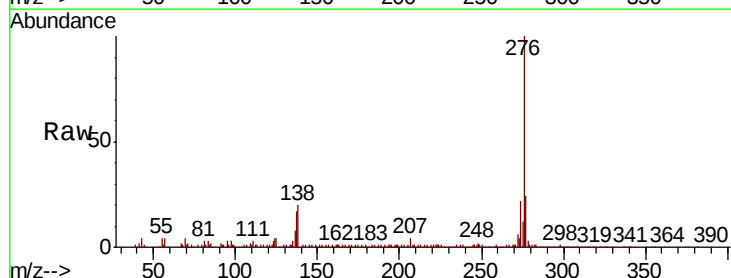


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 35.234 ng  
RT: 17.52 min Scan# 2624  
Delta R.T. 0.01 min  
Lab File: BF114075.D  
Acq: 1 May 2019 18:13

Tgt Ion:276 Resp: 348829  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.0 28.4  
138 19.6 16.6 25.0



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

