

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF040620\  
 Data File : BF119808.D  
 Acq On : 7 Apr 2020 8:32  
 Operator : MA/SJ  
 Sample : L2135-05MS  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

Quant Time: Apr 07 09:03:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 06 11:15:16 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.78  | 152  | 188424   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 721162   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.83  | 164  | 369332   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 693508   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.96 | 240  | 499595   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.40 | 264  | 505122   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.40  | 112 | 1477165 | 124.80 | ng | 0.02 |
| 7) Phenol-d6                | 6.42  | 99  | 1929024 | 127.58 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.35  | 82  | 1185581 | 89.35  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330 | 546798  | 143.51 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.15  | 172 | 2163107 | 86.77  | ng | 0.00 |
| 79) Terphenyl-d14           | 12.90 | 244 | 2253482 | 88.37  | ng | 0.00 |

|                                |      |     |         |       |        |      |
|--------------------------------|------|-----|---------|-------|--------|------|
| Target Compounds               |      |     |         |       | Qvalue |      |
| 2) 1,4-Dioxane                 | 2.56 | 88  | 239732  | 41.01 | ng     | 99   |
| 3) Pyridine                    | 3.28 | 79  | 653169  | 40.56 | ng     | 94   |
| 4) n-Nitrosodimethylamine      | 3.23 | 42  | 346318  | 44.10 | ng     | 94   |
| 6) Aniline                     | 6.45 | 93  | 478507  | 22.93 | ng     | 99   |
| 8) 2-Chlorophenol              | 6.57 | 128 | 680579  | 54.75 | ng     | 99   |
| 9) Benzaldehyde                | 6.33 | 77  | 343476  | 35.81 | ng     | 98   |
| 10) Phenol                     | 6.43 | 94  | 843296  | 52.27 | ng     | 94   |
| 11) bis(2-Chloroethyl)ether    | 6.52 | 93  | 644063  | 49.91 | ng     | 97   |
| 12) 1,3-Dichlorobenzene        | 6.72 | 146 | 688096  | 51.14 | ng     | 97   |
| 13) 1,4-Dichlorobenzene        | 6.80 | 146 | 699303  | 51.96 | ng     | 98   |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 644360  | 51.22 | ng     | 98   |
| 15) Benzyl Alcohol             | 6.93 | 79  | 556848  | 48.96 | ng     | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.06 | 45  | 1116164 | 42.88 | ng     | 98   |
| 17) 2-Methylphenol             | 7.05 | 107 | 543246  | 47.69 | ng     | 98   |
| 18) Hexachloroethane           | 7.30 | 117 | 263641  | 53.46 | ng     | 99   |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70  | 451712  | 49.56 | ng     | 98   |
| 20) 3+4-Methylphenols          | 7.20 | 107 | 660619  | 47.33 | ng     | # 79 |
| 22) Acetophenone               | 7.20 | 105 | 867534  | 50.34 | ng     | # 89 |
| 24) Nitrobenzene               | 7.37 | 77  | 698063  | 49.23 | ng     | 99   |
| 25) Isophorone                 | 7.61 | 82  | 1259835 | 46.80 | ng     | 99   |
| 26) 2-Nitrophenol              | 7.69 | 139 | 364279  | 65.24 | ng     | 92   |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 561976  | 48.68 | ng     | 100  |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93  | 802279  | 50.40 | ng     | 99   |
| 29) 2,4-Dichlorophenol         | 7.93 | 162 | 554198  | 52.24 | ng     | 99   |
| 30) 1,2,4-Trichlorobenzene     | 8.01 | 180 | 593521  | 50.59 | ng     | 99   |
| 31) Naphthalene                | 8.09 | 128 | 1887446 | 50.86 | ng     | 99   |
| 32) Benzoic acid               | 7.86 | 122 | 445903  | 60.04 | ng     | 96   |
| 33) 4-Chloroaniline            | 8.14 | 127 | 151292  | 8.90  | ng     | 98   |
| 34) Hexachlorobutadiene        | 8.21 | 225 | 339936  | 51.79 | ng     | 99   |
| 35) Caprolactam                | 8.52 | 113 | 103062  | 29.69 | ng     | 94   |
| 36) 4-Chloro-3-methylphenol    | 8.63 | 107 | 594480  | 51.27 | ng     | 99   |
| 37) 2-Methylnaphthalene        | 8.79 | 142 | 1269215 | 52.11 | ng     | 99   |
| 38) 1-Methylnaphthalene        | 8.89 | 142 | 1205889 | 52.31 | ng     | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.95 | 216 | 558897  | 51.63 | ng     | 99   |

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 ALS Vial : 43 Sample Multiplier: 1

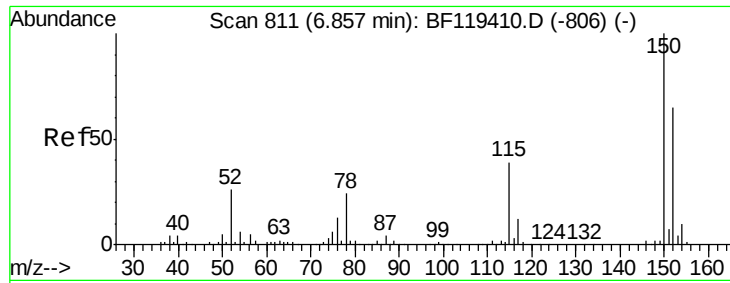
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

Quant Time: Apr 07 09:03:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 06 11:15:16 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.94  | 237  | 559582   | 90.92 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.06  | 196  | 406264   | 52.44 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.11  | 196  | 427207   | 49.23 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 9.25  | 154  | 1513349  | 50.31 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.27  | 162  | 1175638  | 49.90 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.37  | 65   | 417816   | 51.37 | ng    | 91       |
| 49) Acenaphthylene             | 9.69  | 152  | 1840049  | 49.73 | ng    | 99       |
| 50) Dimethylphthalate          | 9.56  | 163  | 1616554  | 61.62 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.62  | 165  | 309970   | 55.12 | ng    | 89       |
| 52) Acenaphthene               | 9.86  | 154  | 1129205  | 48.95 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.78  | 138  | 114542   | 16.13 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 9.89  | 184  | 229715   | 93.10 | ng    | 98       |
| 55) Dibenzofuran               | 10.04 | 168  | 1650322  | 49.90 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.96  | 139  | 514683   | 91.90 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.02 | 165  | 407657   | 57.55 | ng    | 97       |
| 58) Fluorene                   | 10.38 | 166  | 1262364  | 51.62 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 345965   | 53.33 | ng    | 98       |
| 60) Diethylphthalate           | 10.26 | 149  | 1370060  | 51.46 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204  | 604062   | 50.51 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.40 | 138  | 292379   | 42.95 | ng    | 96       |
| 63) Azobenzene                 | 10.53 | 77   | 1297837  | 48.40 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.43 | 198  | 179031   | 61.56 | ng    | 86       |
| 66) n-Nitrosodiphenylamine     | 10.49 | 169  | 1175171  | 51.62 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.86 | 248  | 402382   | 50.95 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.93 | 284  | 432074   | 53.45 | ng    | 98       |
| 69) Atrazine                   | 11.02 | 200  | 346914   | 55.58 | ng    | 99       |
| 70) Pentachlorophenol          | 11.12 | 266  | 463452   | 97.78 | ng    | 97       |
| 71) Phenanthrene               | 11.35 | 178  | 1814525  | 50.46 | ng    | 99       |
| 72) Anthracene                 | 11.40 | 178  | 1888267  | 51.67 | ng    | 98       |
| 73) Carbazole                  | 11.55 | 167  | 1722112  | 47.60 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 2104509  | 54.38 | ng    | 99       |
| 75) Fluoranthene               | 12.53 | 202  | 1971190  | 50.65 | ng    | 97       |
| 77) Benzidine                  | 12.65 | 184  | 721579   | 34.13 | ng    | 98       |
| 78) Pyrene                     | 12.76 | 202  | 1970695  | 48.06 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.38 | 149  | 881426   | 53.15 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.95 | 228  | 1597423  | 49.17 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.91 | 252  | 365996   | 28.57 | ng    | 99       |
| 83) Chrysene                   | 13.99 | 228  | 1629674  | 48.61 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 1139469  | 57.64 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 2048457  | 58.92 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.83 | 276  | 1701226  | 53.87 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.99 | 252  | 1842662  | 54.61 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.02 | 252  | 1488691  | 46.33 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.34 | 252  | 1514390  | 49.39 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.86 | 278  | 1415218  | 52.77 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.27 | 276  | 1387128  | 51.48 | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

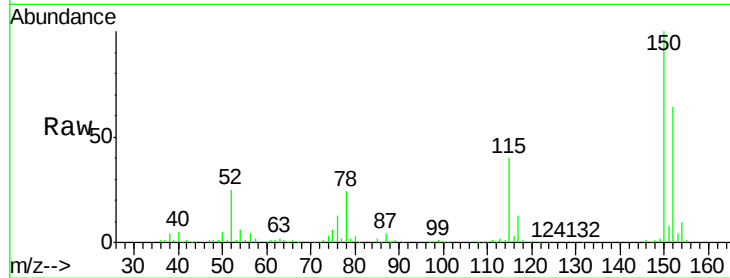
Tgt Ion:152 Resp: 188424

Ion Ratio Lower Upper

152 100

150 156.3 124.5 186.7

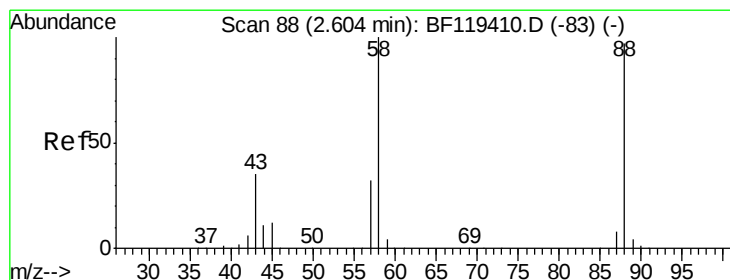
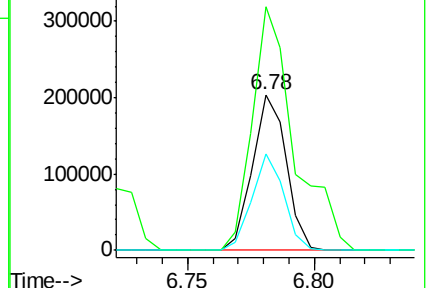
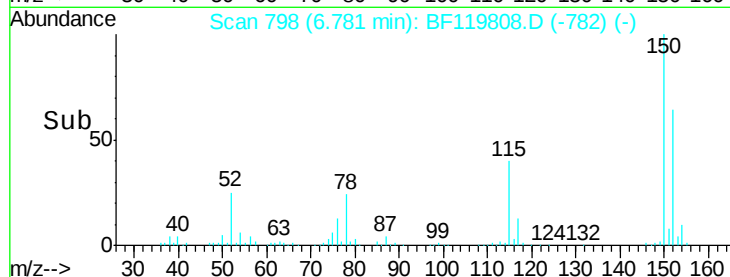
115 62.2 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.01 ng

RT: 2.56 min Scan# 80

Delta R.T. 0.09 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

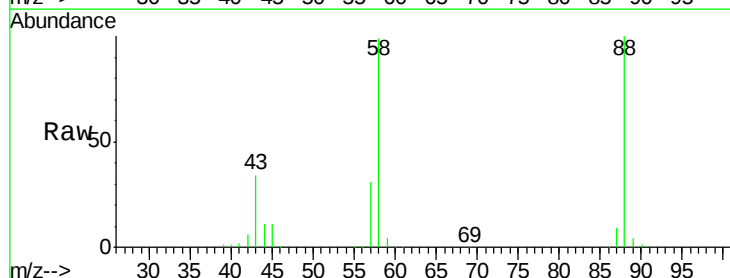
Tgt Ion: 88 Resp: 239732

Ion Ratio Lower Upper

88 100

58 99.5 80.6 121.0

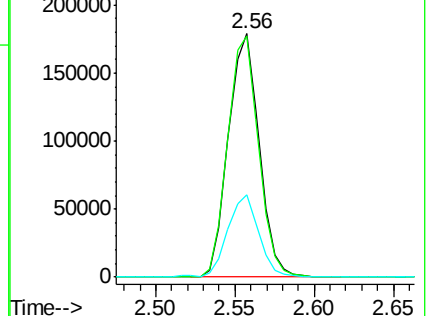
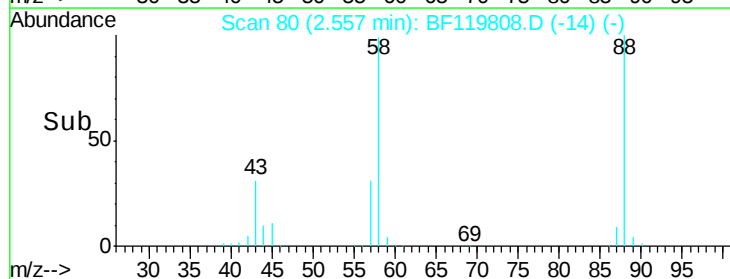
43 34.9 27.5 41.3

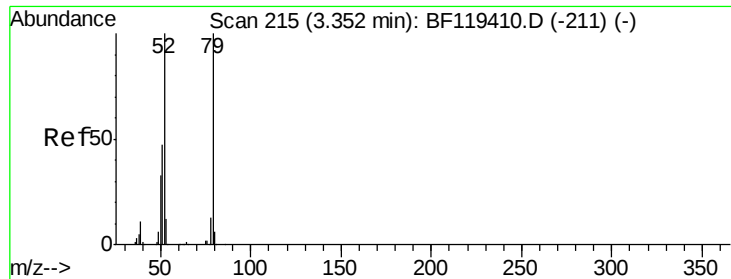


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 40.56 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.08 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

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SB-2E-(7-9)MS

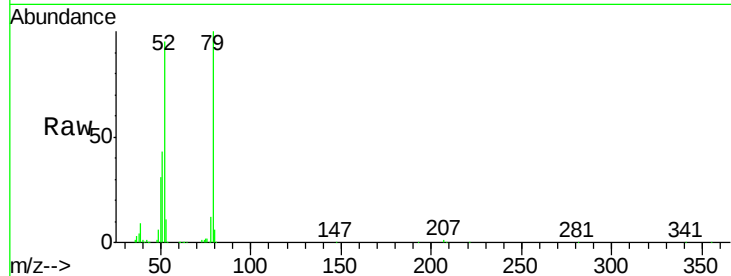
Tgt Ion: 79 Resp: 653169

Ion Ratio Lower Upper

79 100

52 95.1 80.2 120.2

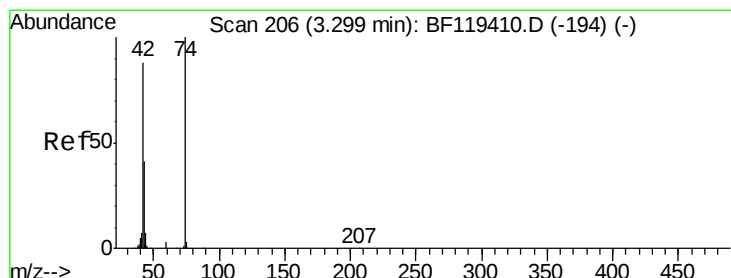
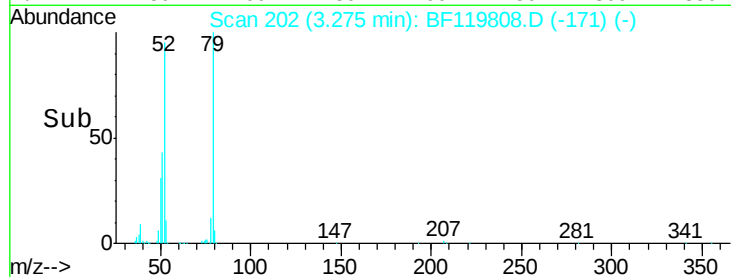
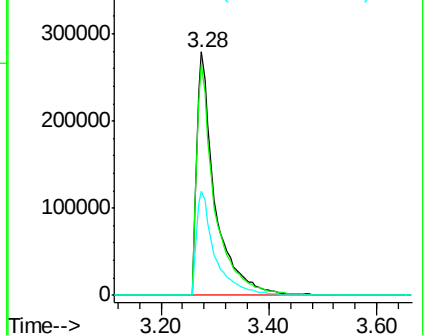
51 42.9 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.10 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.09 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

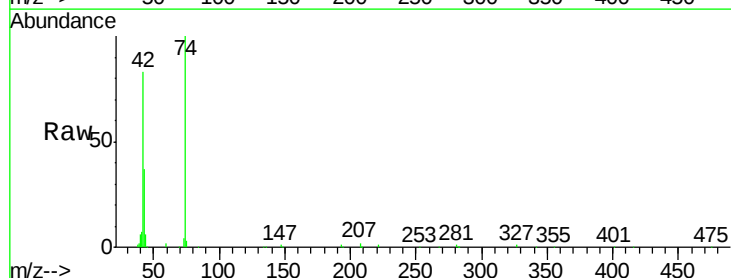
Tgt Ion: 42 Resp: 346318

Ion Ratio Lower Upper

42 100

74 120.7 91.5 137.3

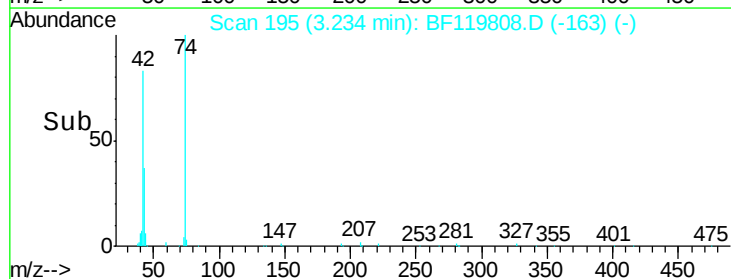
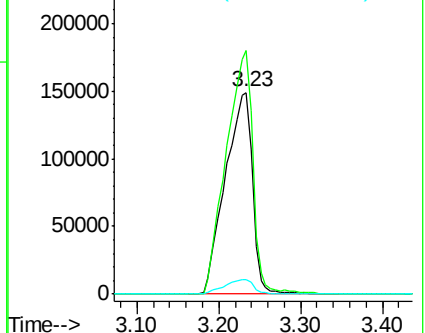
44 7.3 6.2 9.4

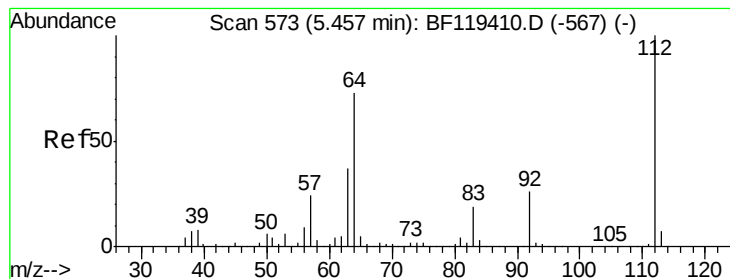


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.80 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

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ClientSampleId :

SB-2E-(7-9)MS

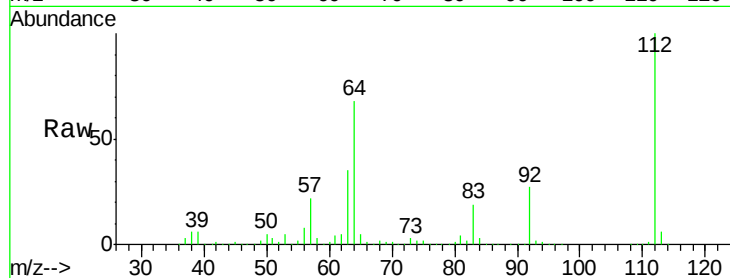
Tgt Ion: 112 Resp: 1477165

Ion Ratio Lower Upper

112 100

64 68.1 56.7 85.1

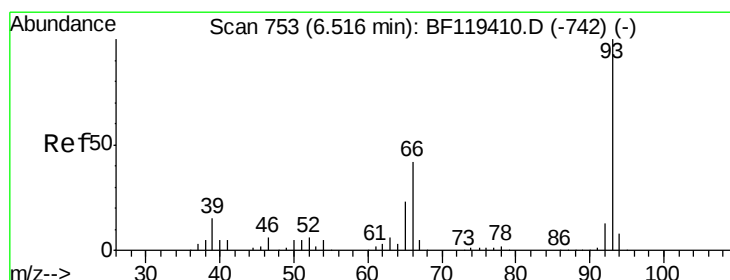
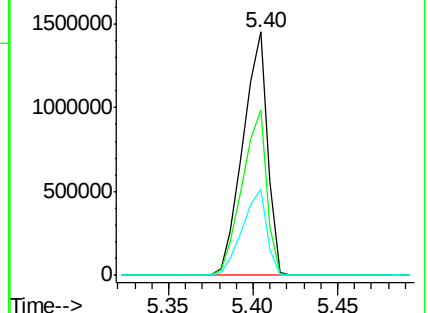
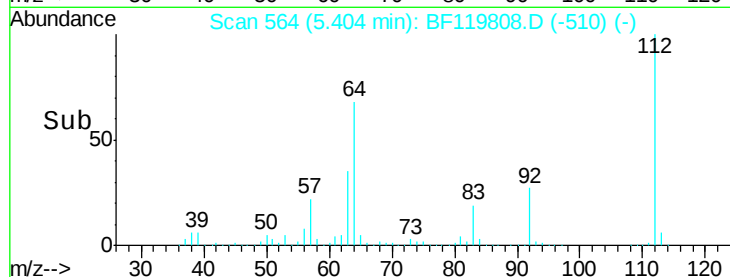
63 35.2 29.5 44.3



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: 22.93 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

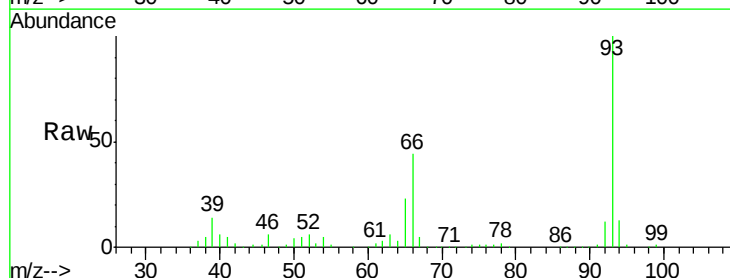
Tgt Ion: 93 Resp: 478507

Ion Ratio Lower Upper

93 100

66 44.1 34.9 52.3

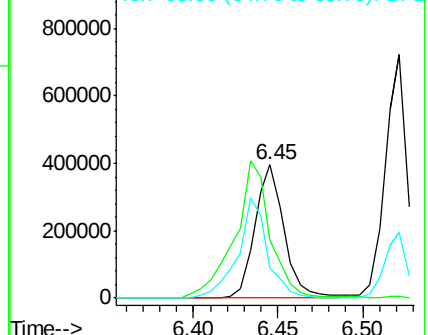
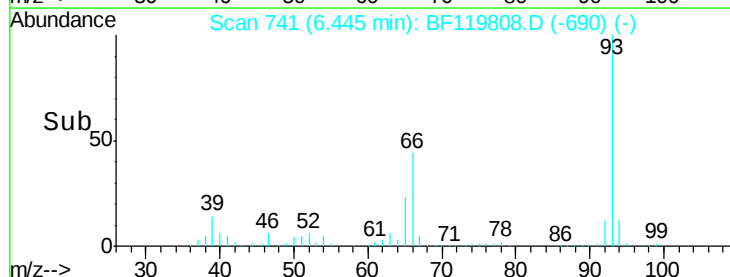
65 22.9 18.6 27.8

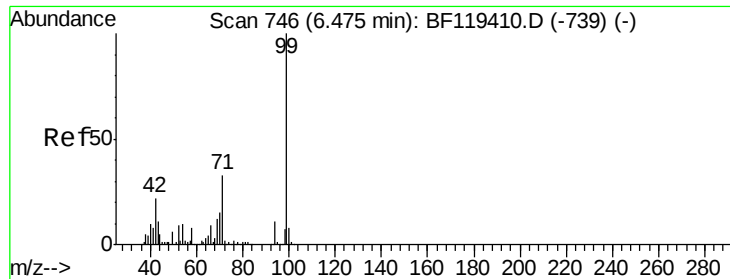


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.58 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

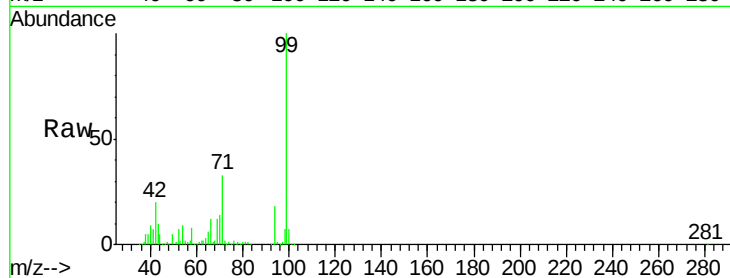
BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

Tgt Ion: 99 Resp: 1929024

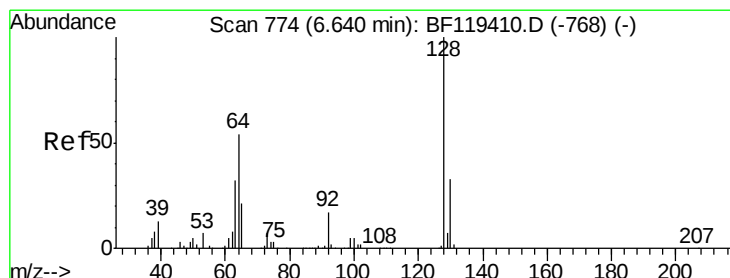
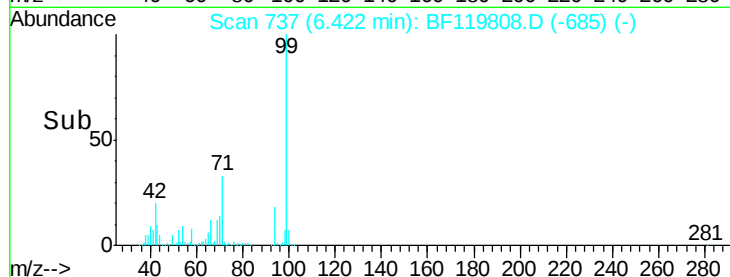
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.6  | 16.6  | 24.8  |
| 71  | 32.7  | 26.4  | 39.6  |



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: 54.75 ng

RT: 6.57 min Scan# 762

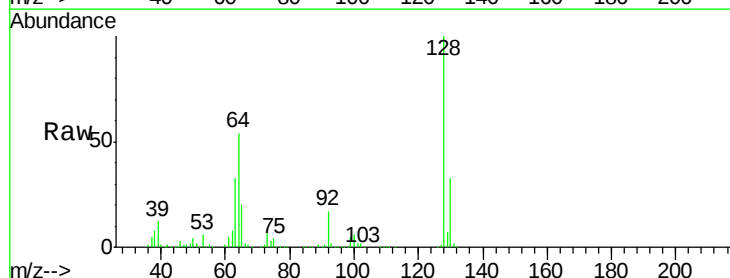
Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Tgt Ion: 128 Resp: 680579

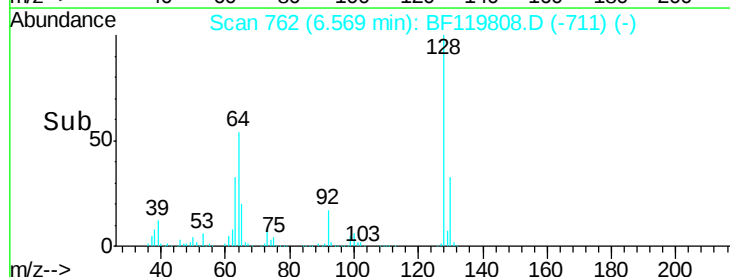
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.1  | 12.6  | 52.6  |
| 64  | 54.2  | 35.3  | 75.3  |

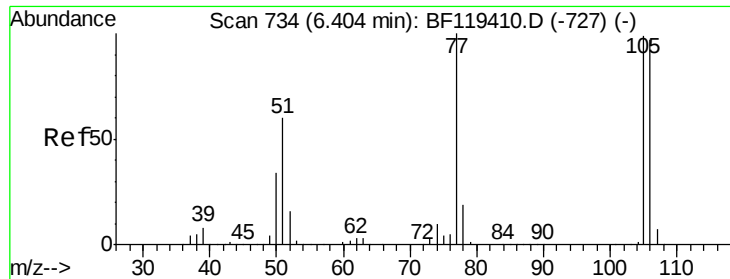


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.81 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

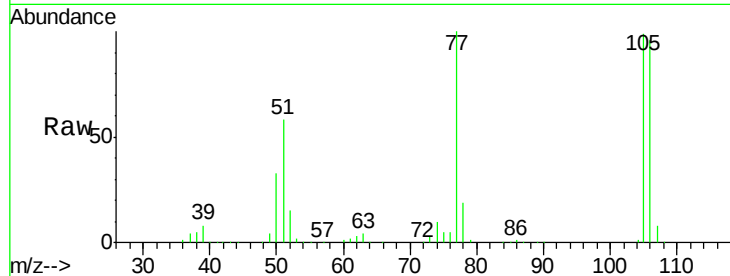
Tgt Ion: 77 Resp: 343476

Ion Ratio Lower Upper

77 100

105 99.5 80.9 120.9

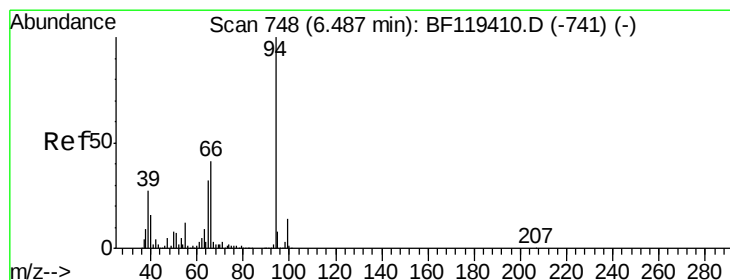
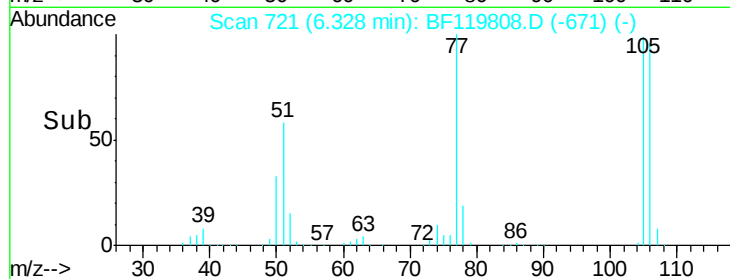
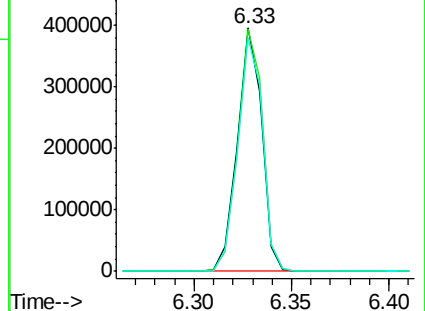
106 95.9 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 52.27 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

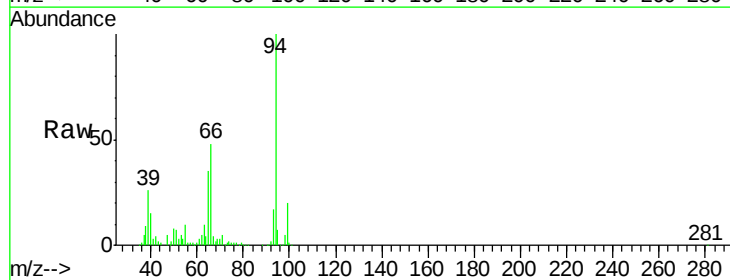
Tgt Ion: 94 Resp: 843296

Ion Ratio Lower Upper

94 100

65 34.6 13.2 53.2

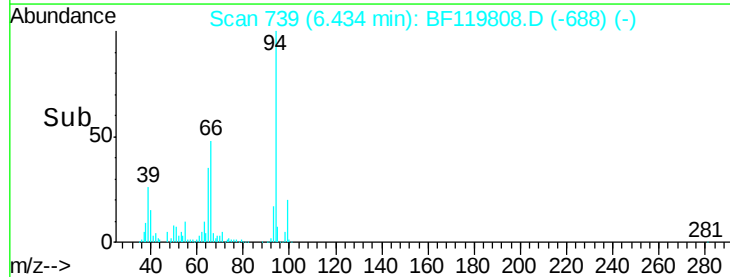
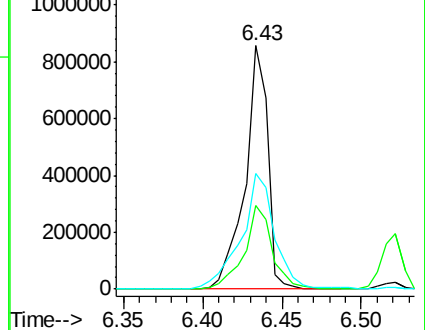
66 47.7 22.3 62.3

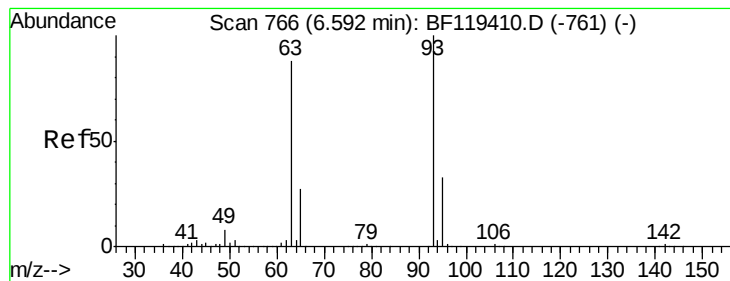


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 49.91 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

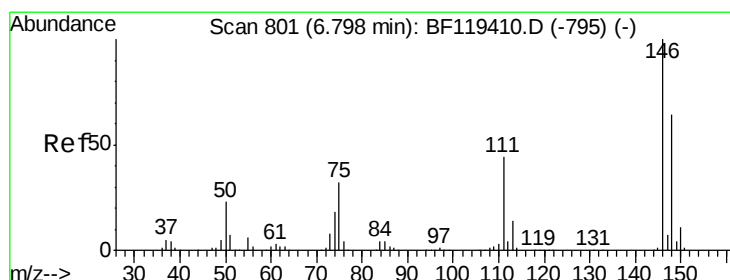
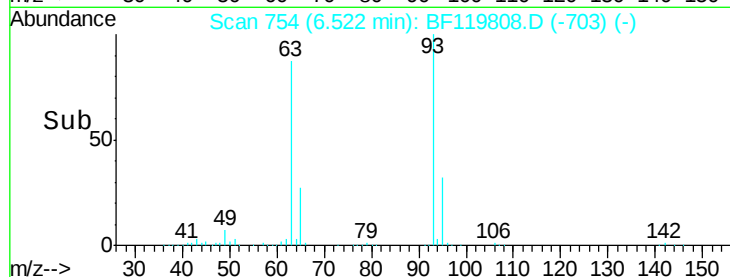
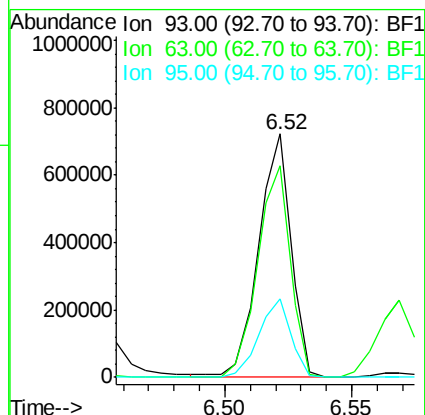
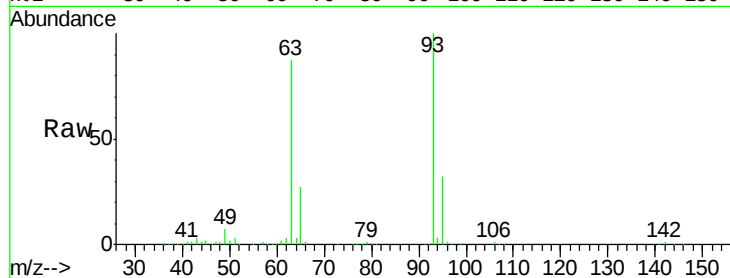
Tgt Ion: 93 Resp: 644063

Ion Ratio Lower Upper

93 100

63 87.0 70.2 110.2

95 32.3 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 51.14 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

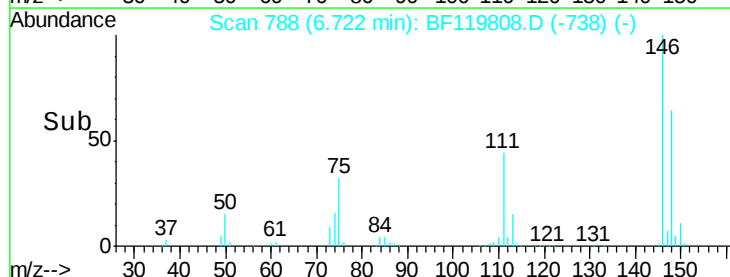
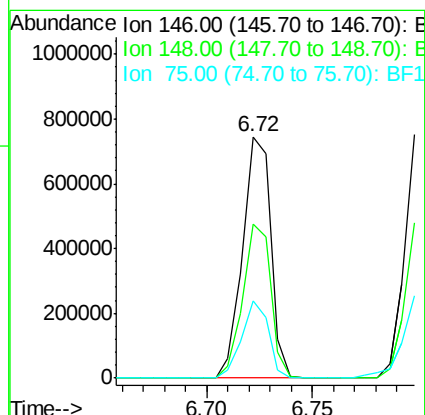
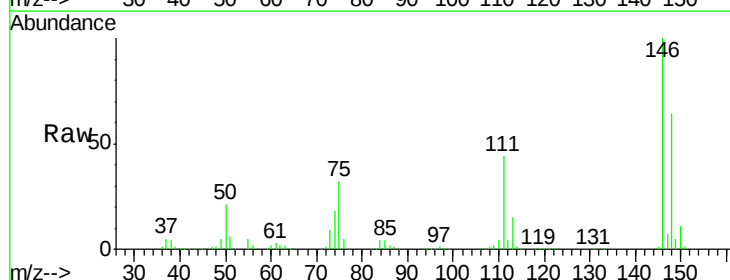
Tgt Ion: 146 Resp: 688096

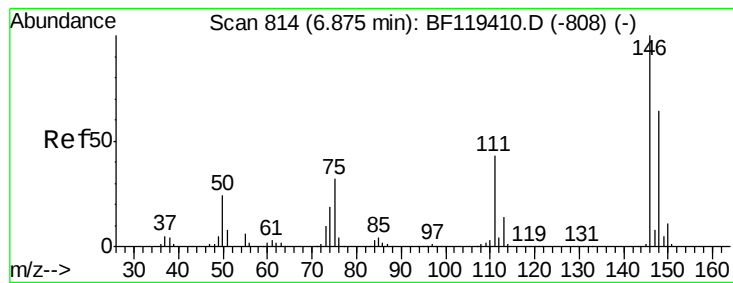
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.4

75 32.1 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 51.96 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

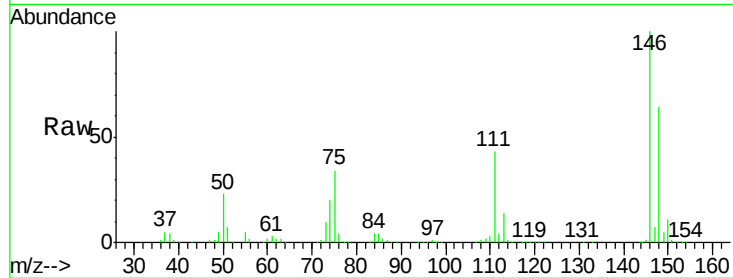
Tgt Ion:146 Resp: 699303

Ion Ratio Lower Upper

146 100

148 63.8 51.5 77.3

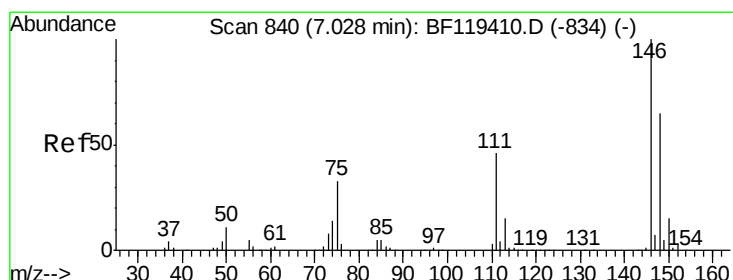
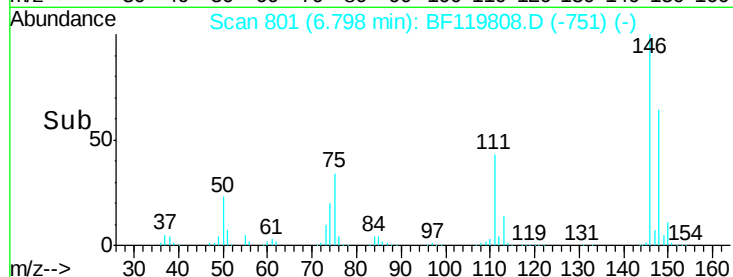
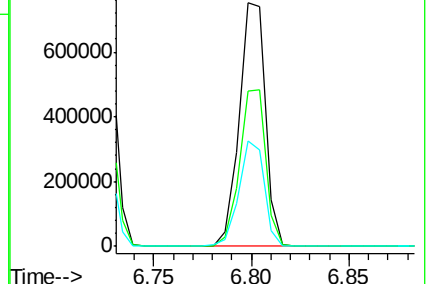
111 43.4 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 51.22 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

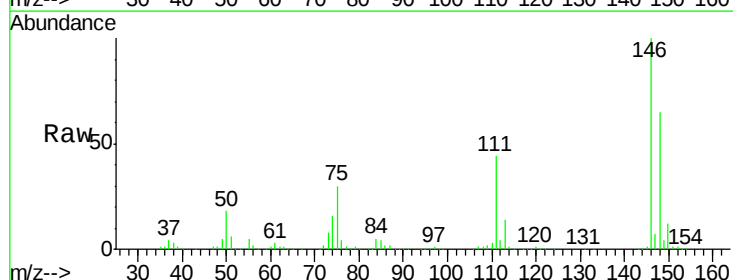
Tgt Ion:146 Resp: 644360

Ion Ratio Lower Upper

146 100

148 65.1 50.6 75.8

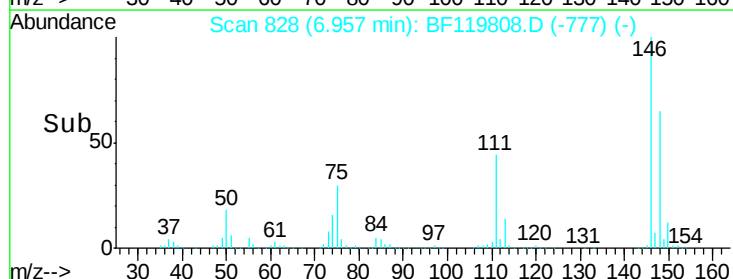
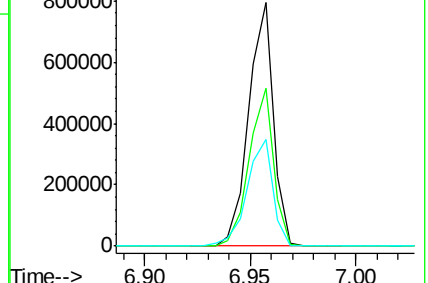
111 44.0 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.96 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

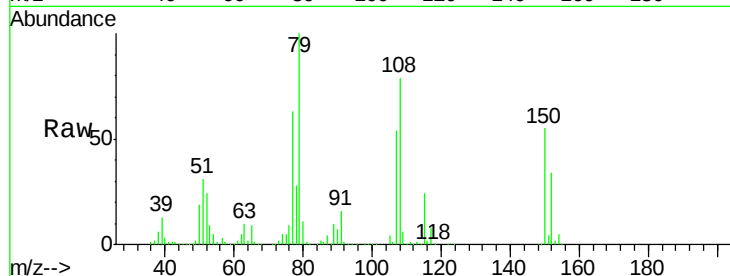
Tgt Ion: 79 Resp: 556848

Ion Ratio Lower Upper

79 100

108 79.2 60.6 90.8

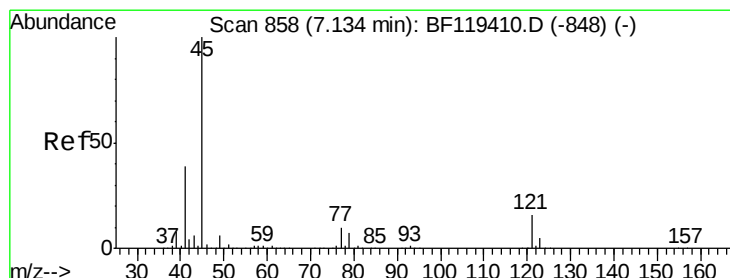
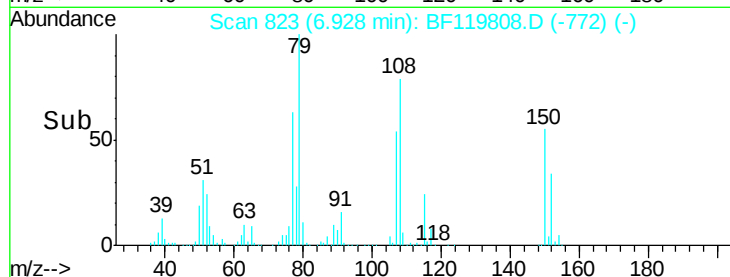
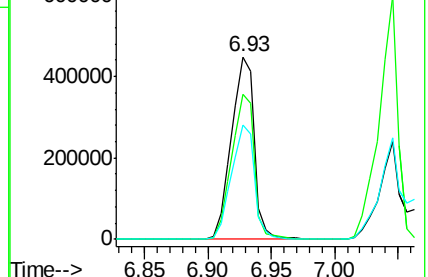
77 62.8 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.88 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

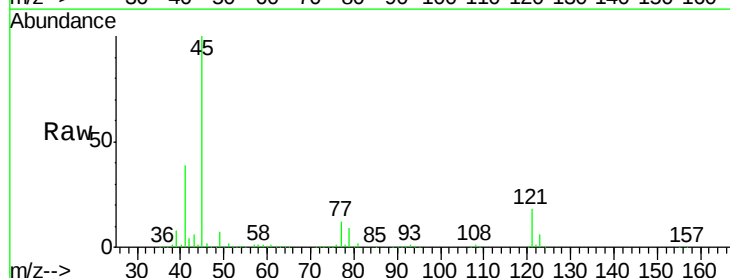
Tgt Ion: 45 Resp: 1116164

Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.7

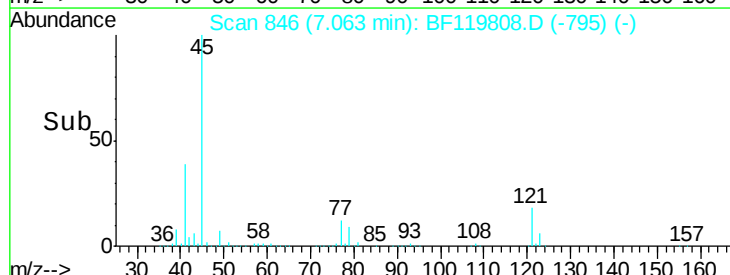
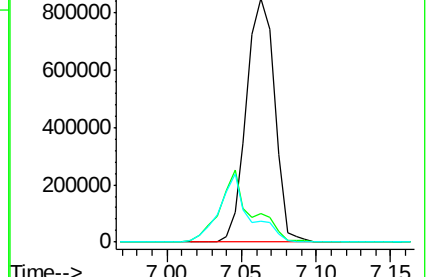
79 8.7 0.0 28.2

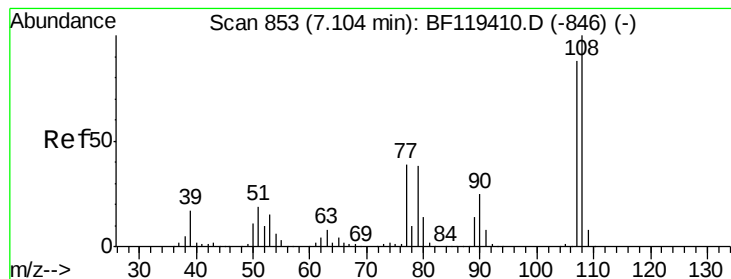


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 47.69 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

Tgt Ion:107 Resp: 543246

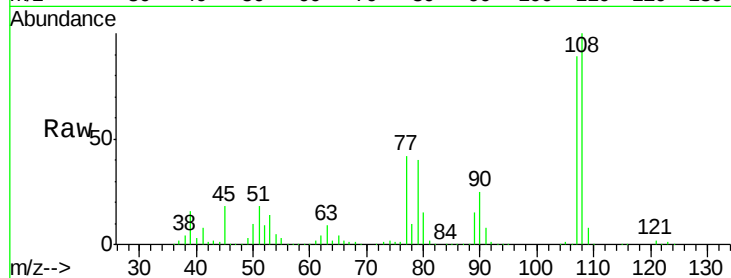
Ion Ratio Lower Upper

107 100

108 112.8 92.2 138.4

77 47.2 36.6 54.8

79 45.0 36.2 54.4

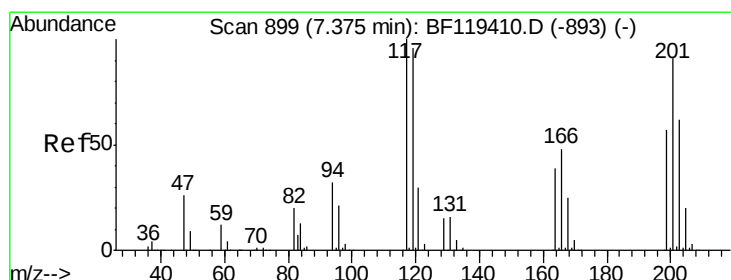
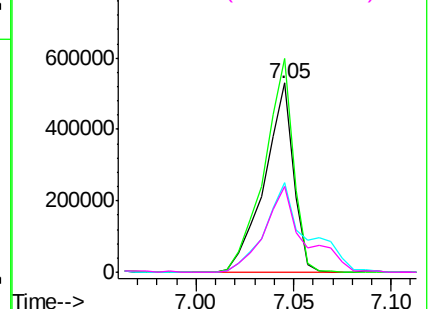
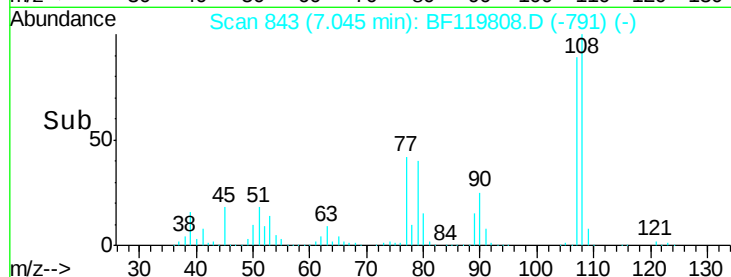


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 53.46 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

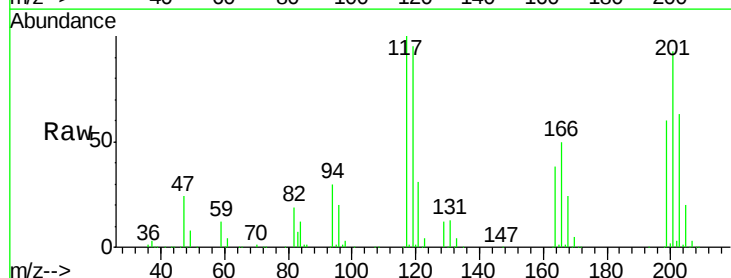
Tgt Ion:117 Resp: 263641

Ion Ratio Lower Upper

117 100

119 94.7 76.1 114.1

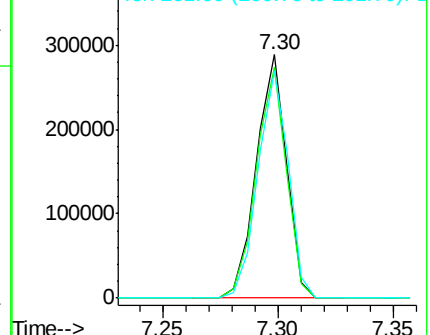
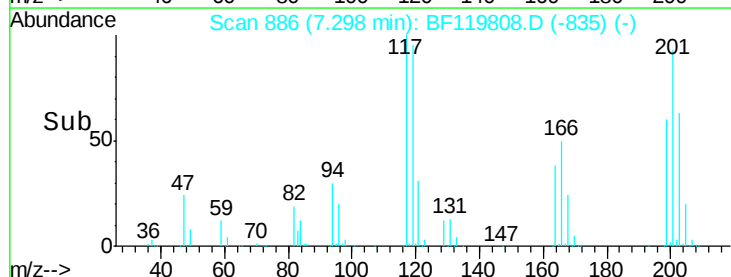
201 93.4 73.0 109.6

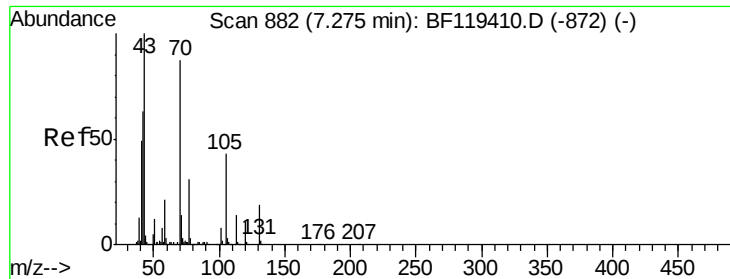


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

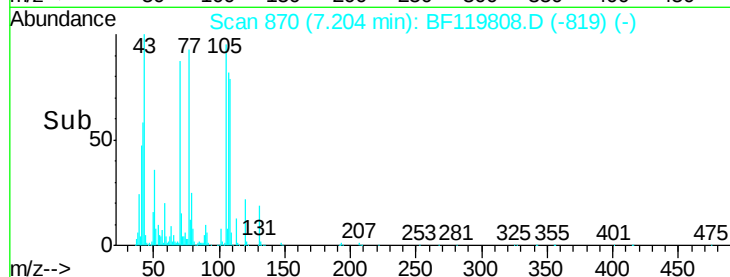
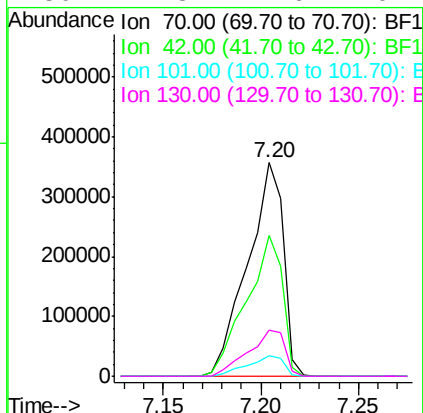
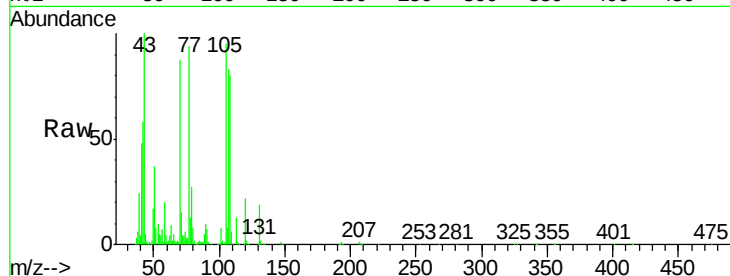




#19  
n-Nitroso-di-n-propylamine  
Concen: 49.56 ng  
RT: 7.20 min Scan# 870  
Delta R.T. -0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

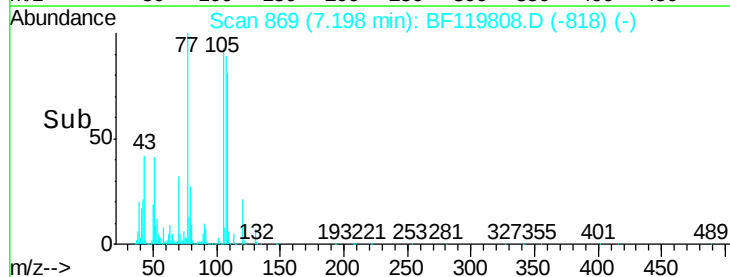
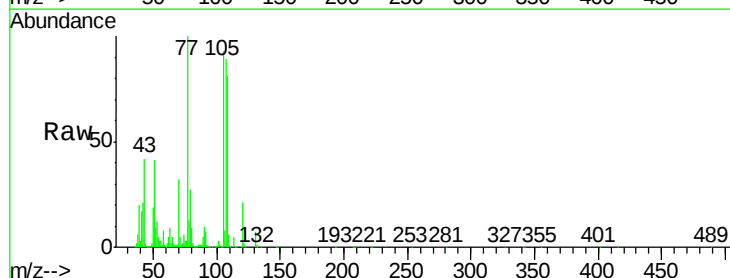
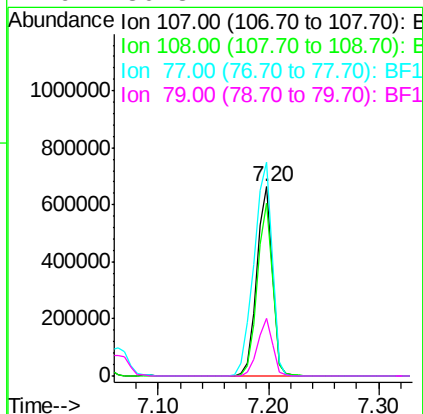
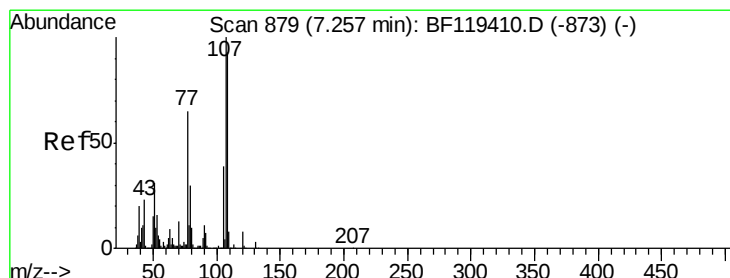
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2E-(7-9)MS

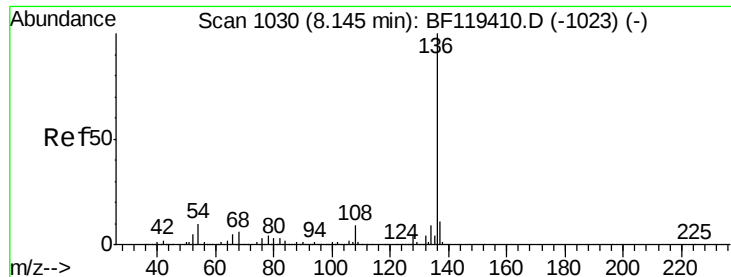
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 451712 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 66.1  | 54.5  | 81.7   |
| 101      | 9.6   | 7.6   | 11.4   |
| 130      | 21.3  | 17.6  | 26.4   |



#20  
3+4-Methylphenols  
Concen: 47.33 ng  
RT: 7.20 min Scan# 869  
Delta R.T. -0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 660619 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.1  | 67.9  | 107.9  |
| 77       | 112.9 | 52.9  | 92.9#  |
| 79       | 30.3  | 7.7   | 47.7   |

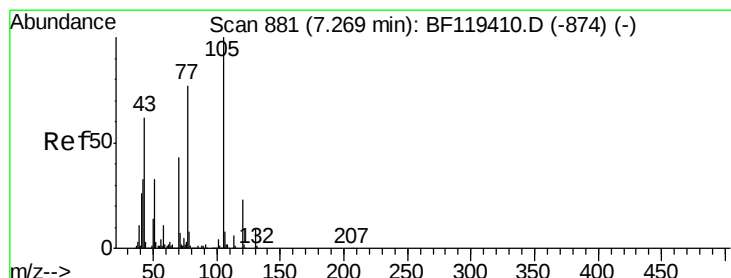
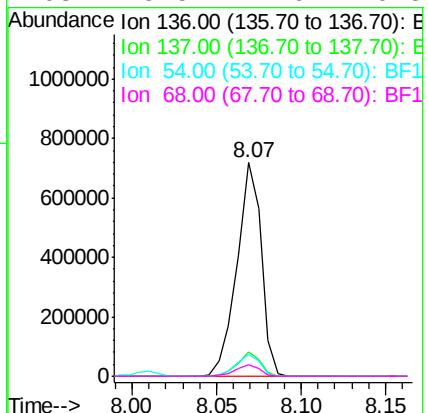
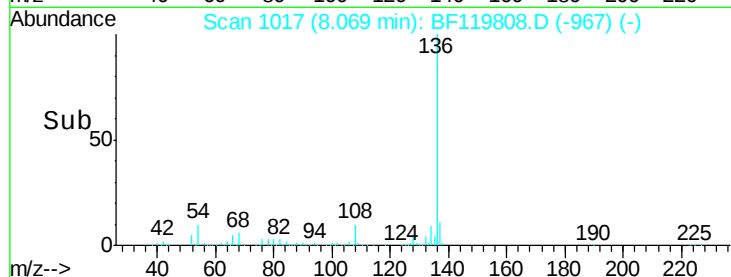
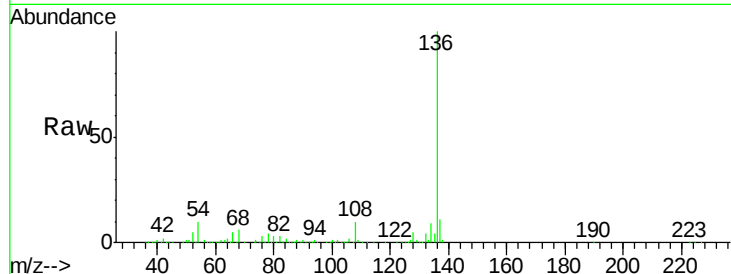




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.07 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

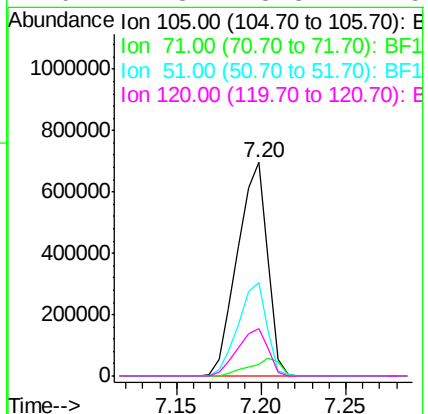
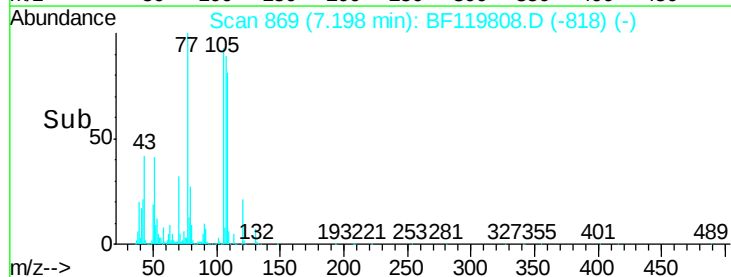
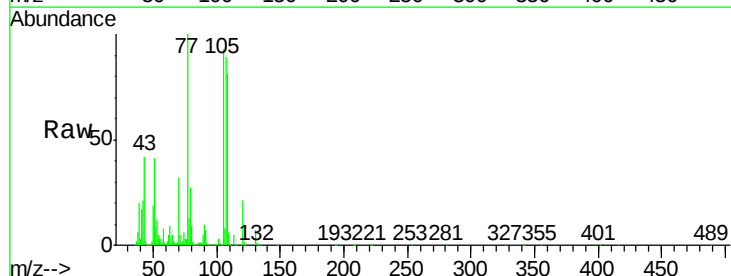
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2E-(7-9)MS

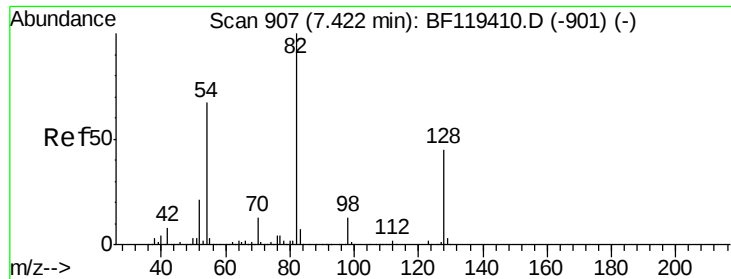
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 721162 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 8.7   | 13.1   |
| 54       | 10.4  | 9.1   | 13.7   |
| 68       | 5.5   | 4.6   | 6.8    |



#22  
Acetophenone  
Concen: 50.34 ng  
RT: 7.20 min Scan# 869  
Delta R.T. -0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 867534 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 5.6   | 5.7   | 8.5#   |
| 51       | 43.6  | 26.2  | 39.4#  |
| 120      | 22.3  | 18.3  | 27.5   |

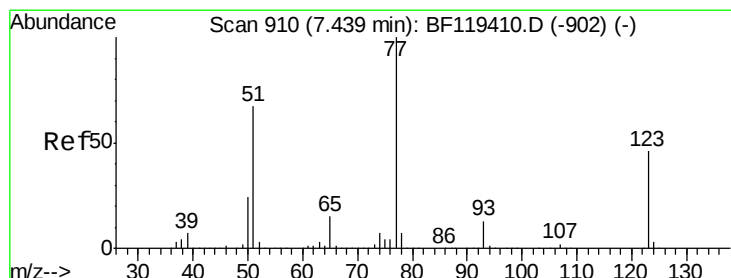
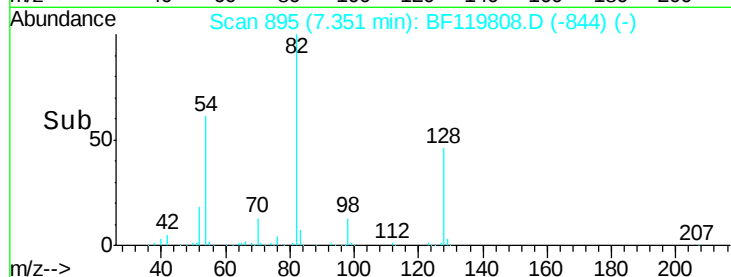
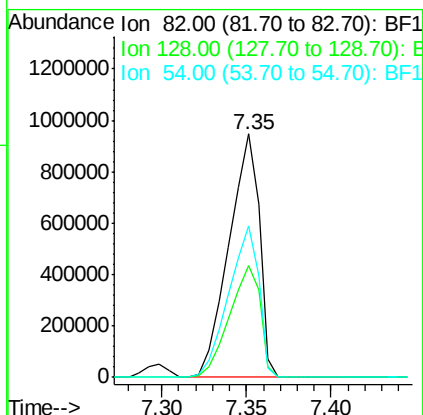
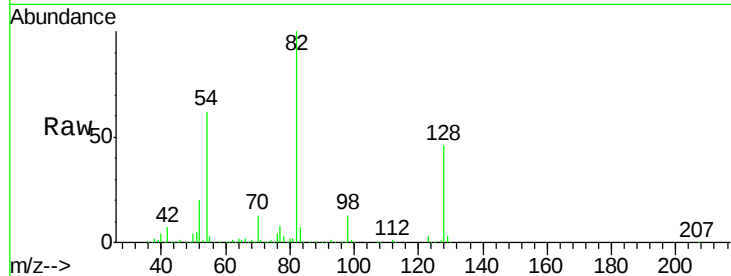




#23  
 Nitrobenzene-d5  
 Concen: 89.35 ng  
 RT: 7.35 min Scan# 895  
 Delta R.T. -0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

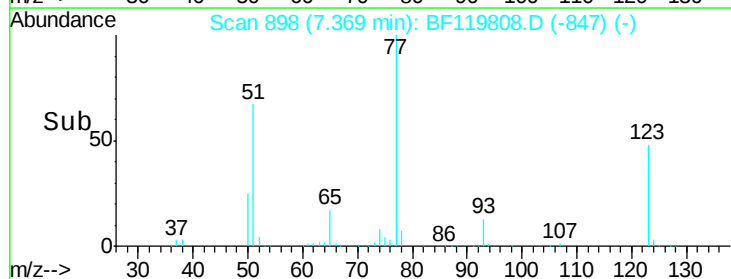
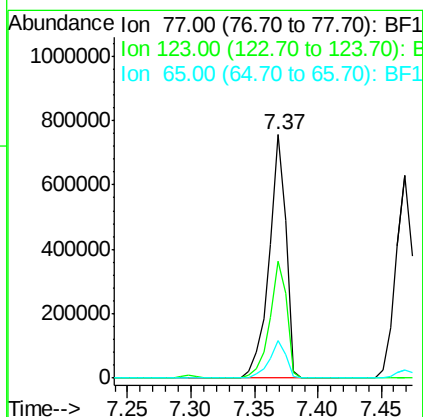
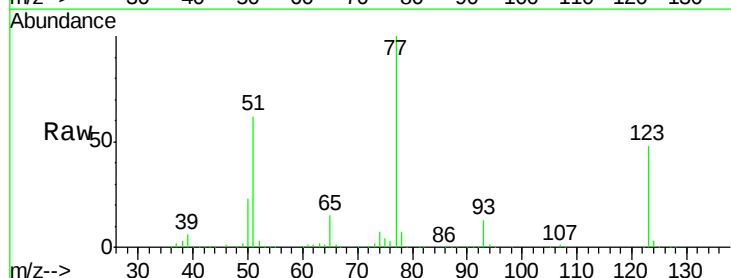
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

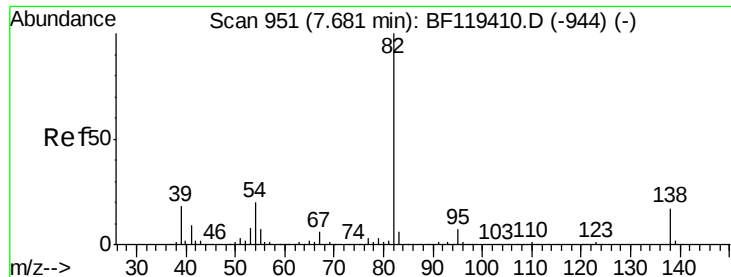
Tgt Ion: 82 Resp: 1185581  
 Ion Ratio Lower Upper  
 82 100  
 128 45.8 36.3 54.5  
 54 62.3 50.6 75.8



#24  
 Nitrobenzene  
 Concen: 49.23 ng  
 RT: 7.37 min Scan# 898  
 Delta R.T. 0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Tgt Ion: 77 Resp: 698063  
 Ion Ratio Lower Upper  
 77 100  
 123 48.0 38.0 57.0  
 65 15.5 12.6 18.8





#25

Isophorone

Concen: 46.80 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

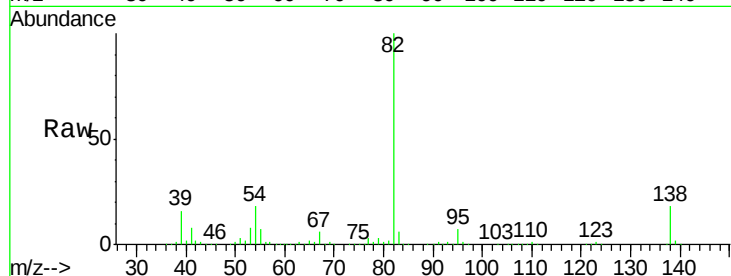
Tgt Ion: 82 Resp: 1259835

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

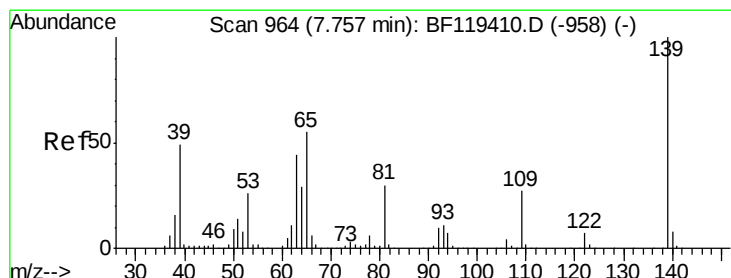
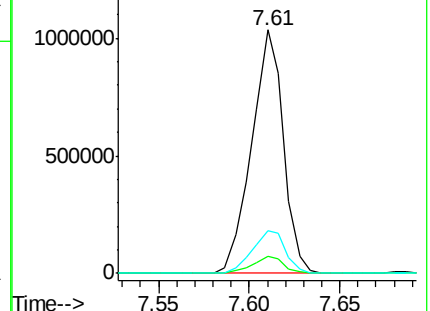
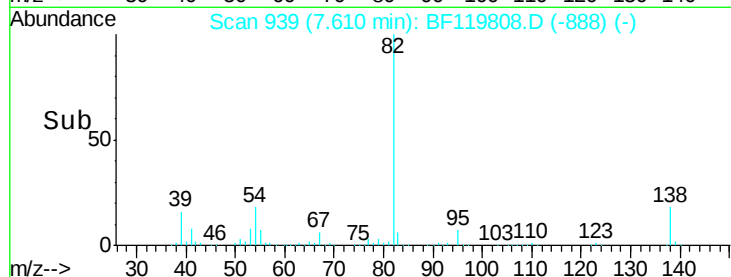
138 17.8 14.6 21.8



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: 65.24 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

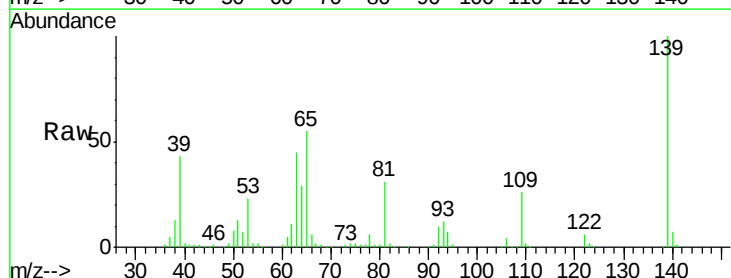
Tgt Ion: 139 Resp: 364279

Ion Ratio Lower Upper

139 100

109 25.5 22.1 33.1

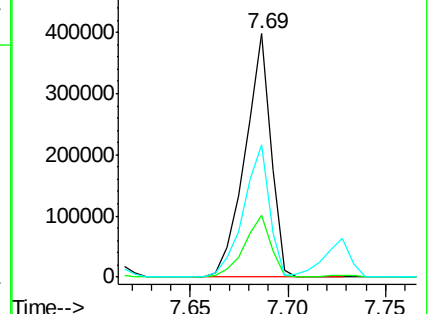
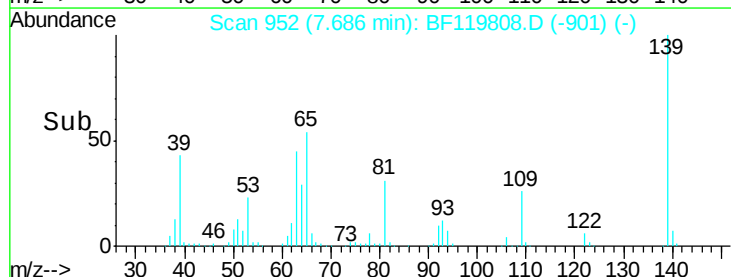
65 54.5 49.2 73.8

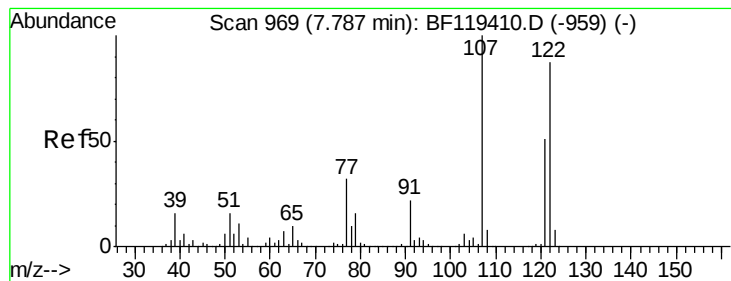


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.68 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

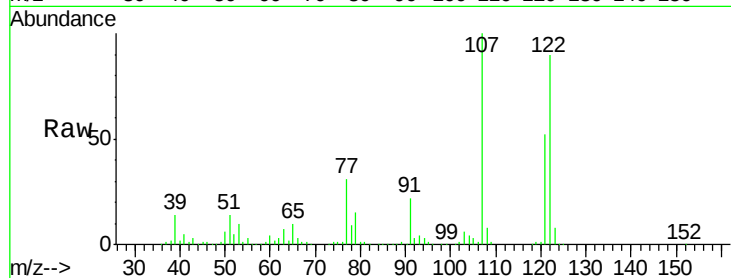
Tgt Ion:122 Resp: 561976

Ion Ratio Lower Upper

122 100

107 111.5 89.0 133.6

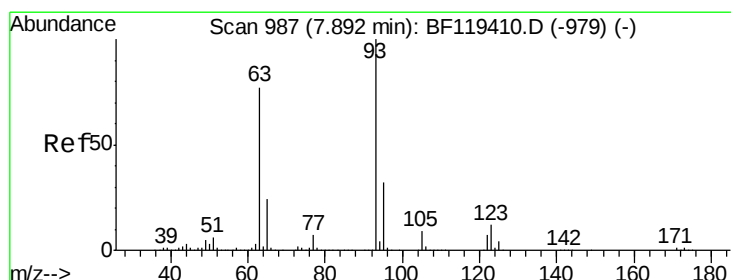
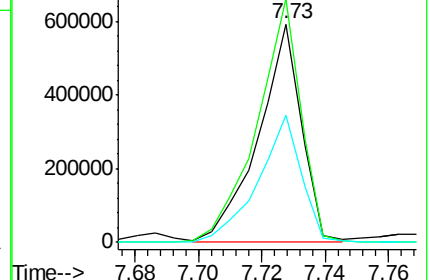
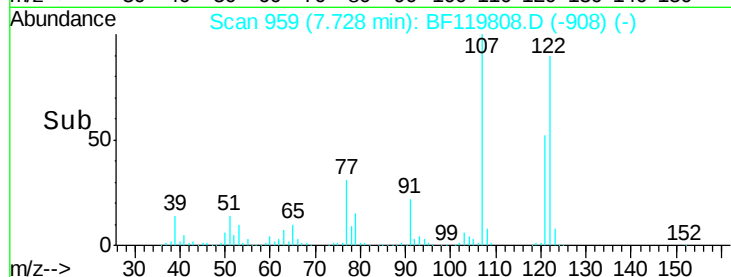
121 58.5 46.7 70.1



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: 50.40 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

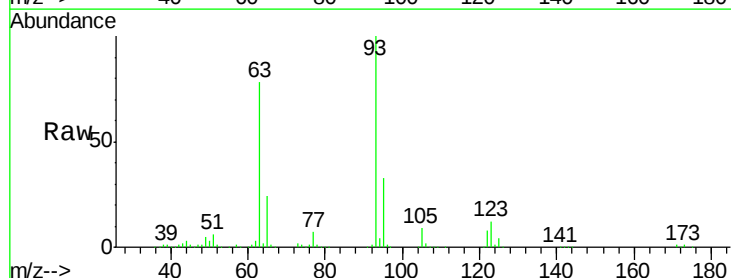
Tgt Ion: 93 Resp: 802279

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

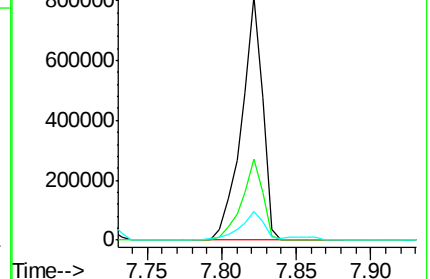
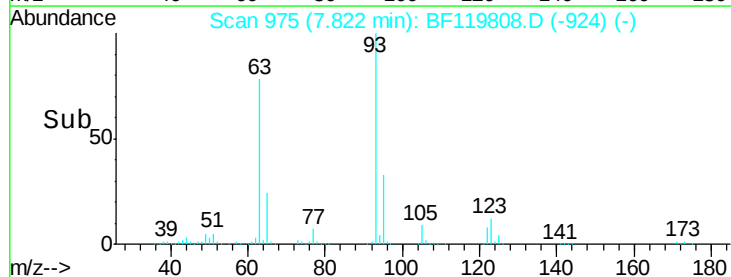
123 11.7 9.7 14.5



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

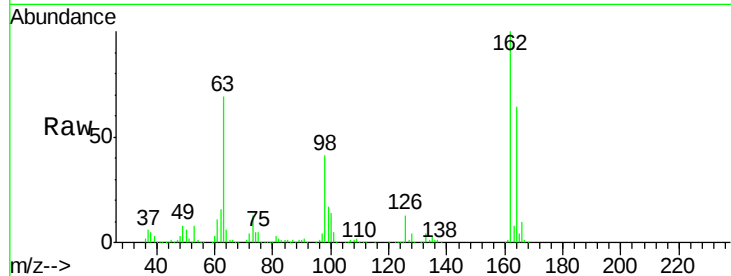




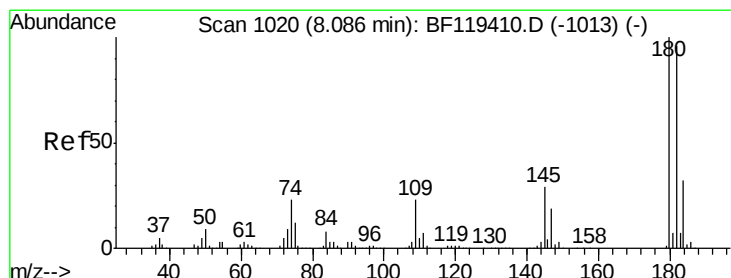
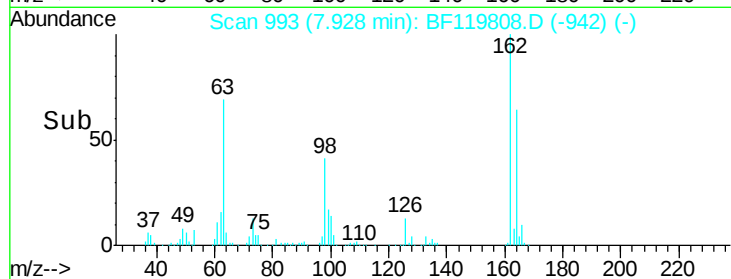
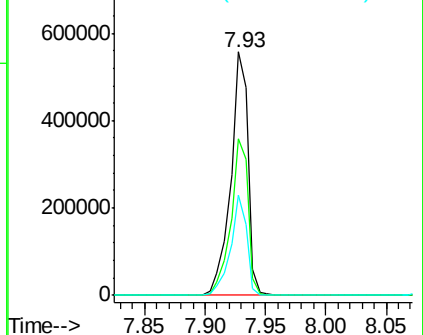
#29  
 2,4-Dichlorophenol  
 Concen: 52.24 ng  
 RT: 7.93 min Scan# 993  
 Delta R.T. -0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.2  | 44.7  | 84.7  |
| 98      | 41.1  | 20.7  | 60.7  |

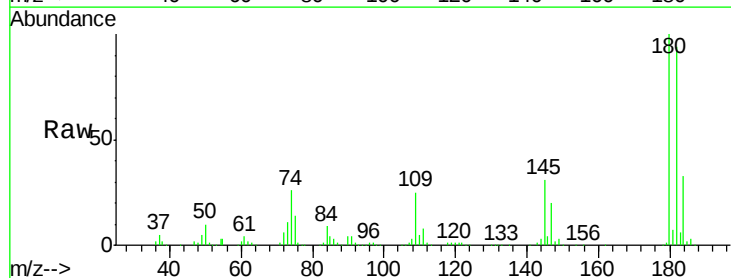


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

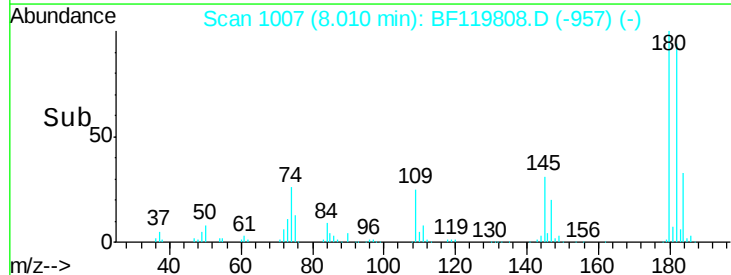
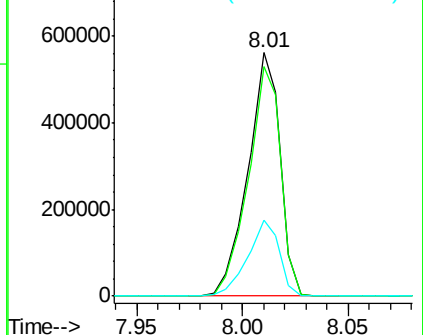


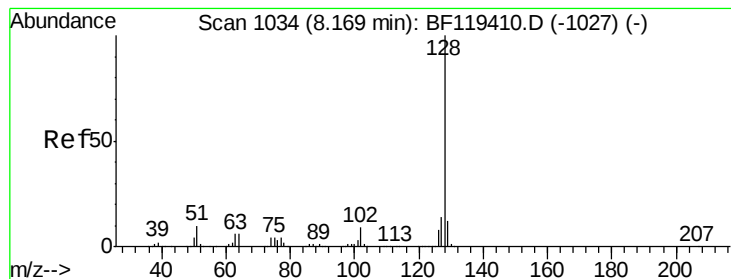
#30  
 1,2,4-Trichlorobenzene  
 Concen: 50.59 ng  
 RT: 8.01 min Scan# 1007  
 Delta R.T. -0.01 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.3  | 74.7  | 112.1 |
| 145     | 31.2  | 24.5  | 36.7  |



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

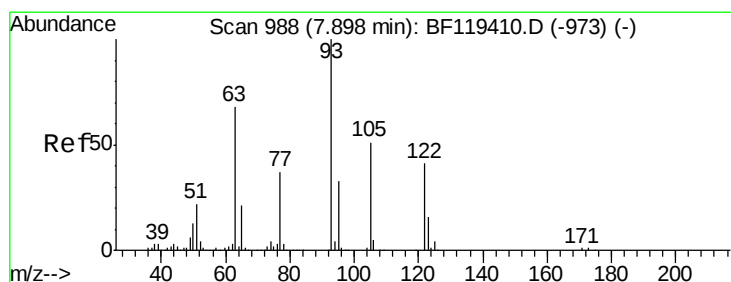
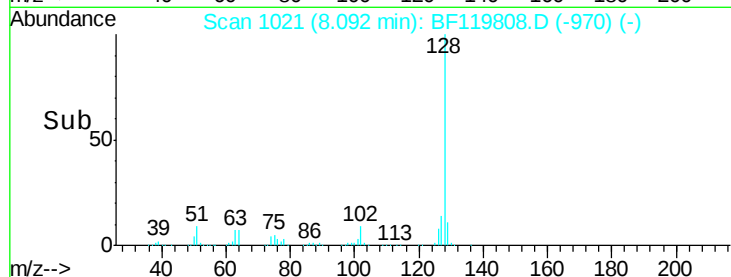
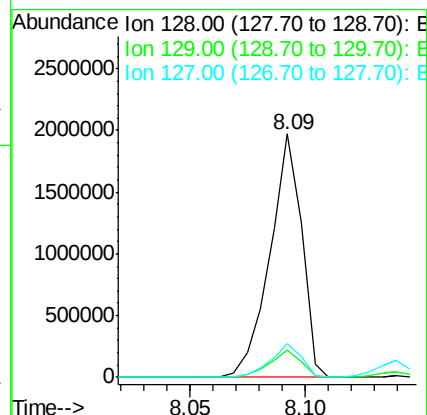
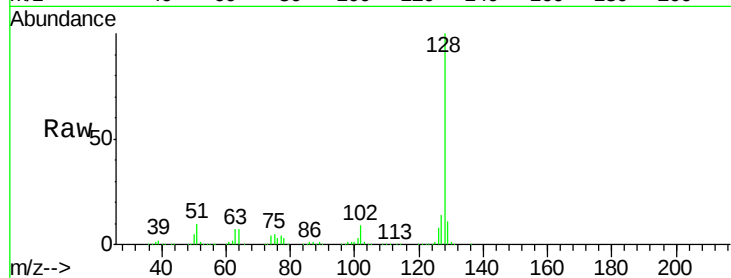




#31  
Naphthalene  
Concen: 50.86 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. 0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

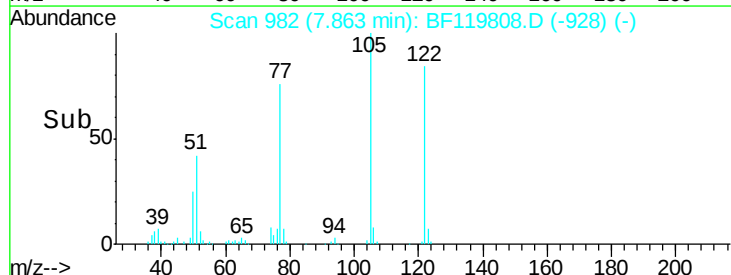
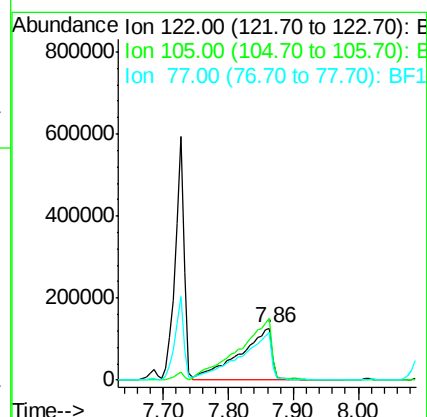
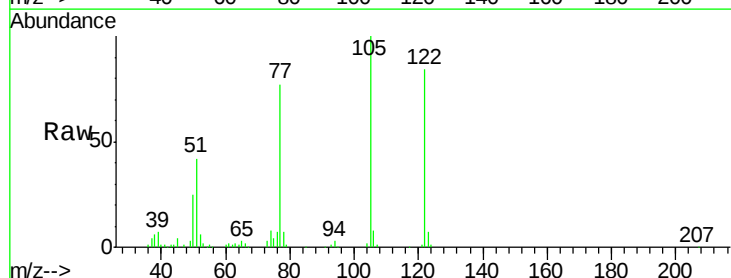
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2E-(7-9)MS

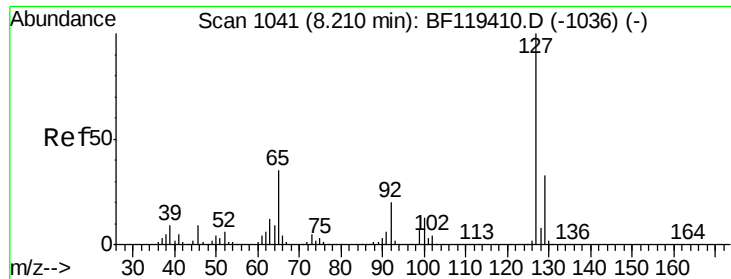
Tgt Ion:128 Resp: 1887446  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.5 14.3  
127 13.9 11.3 16.9



#32  
Benzoic acid  
Concen: 60.04 ng  
RT: 7.86 min Scan# 982  
Delta R.T. 0.02 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

Tgt Ion:122 Resp: 445903  
Ion Ratio Lower Upper  
122 100  
105 119.0 104.9 144.9  
77 91.3 74.4 114.4

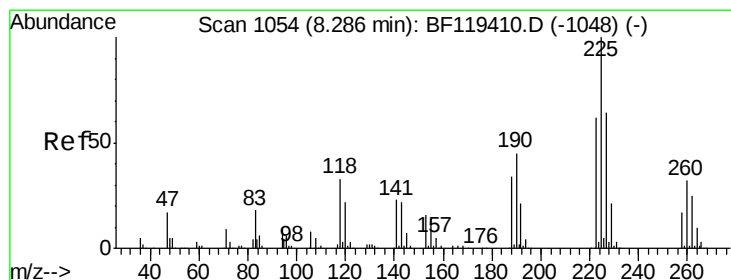
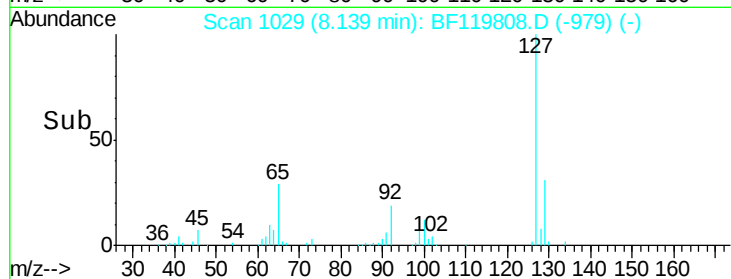
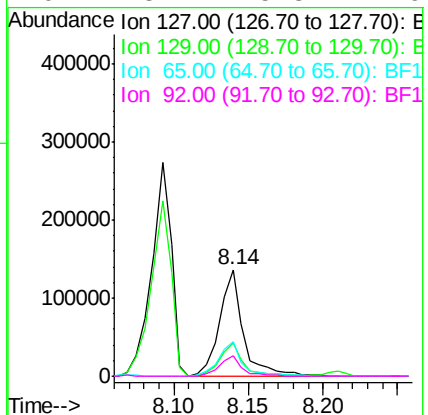
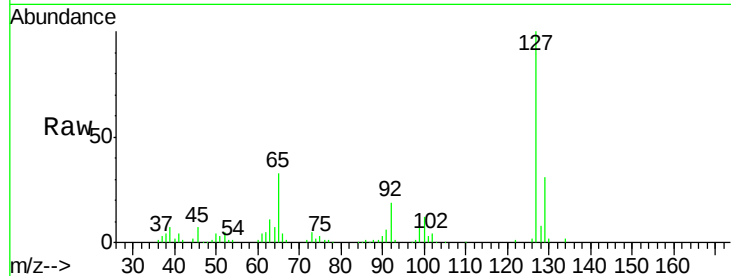




#33  
4-Chloroaniline  
Concen: 8.90 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

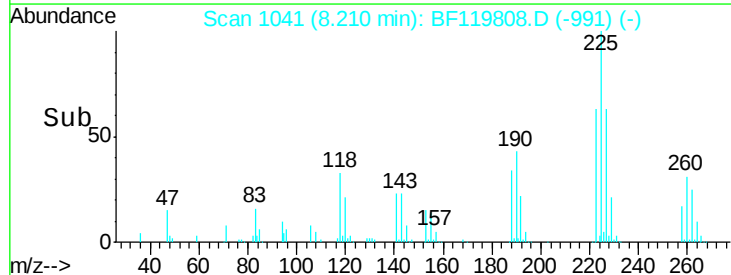
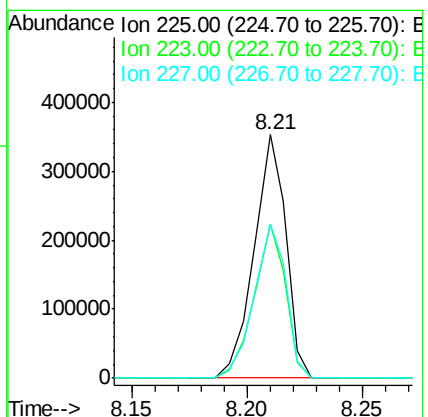
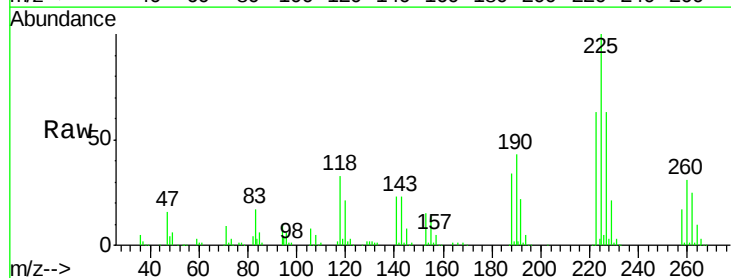
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2E-(7-9)MS

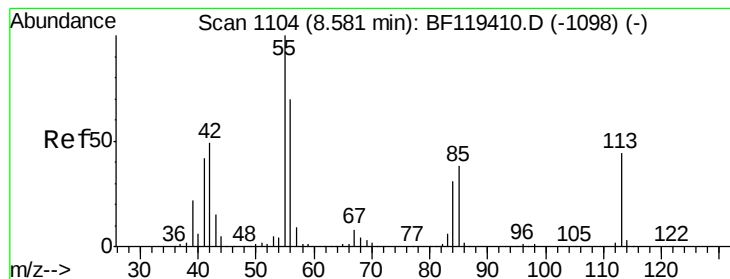
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 151292 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.2  | 26.2  | 39.4   |
| 65       | 32.5  | 27.4  | 41.0   |
| 92       | 18.7  | 15.3  | 22.9   |



#34  
Hexachlorobutadiene  
Concen: 51.79 ng  
RT: 8.21 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 339936 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.3  | 51.0  | 76.6   |
| 227      | 63.0  | 50.7  | 76.1   |





#35

Caprolactam

Concen: 29.69 ng

RT: 8.52 min Scan# 1094

Delta R.T. 0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

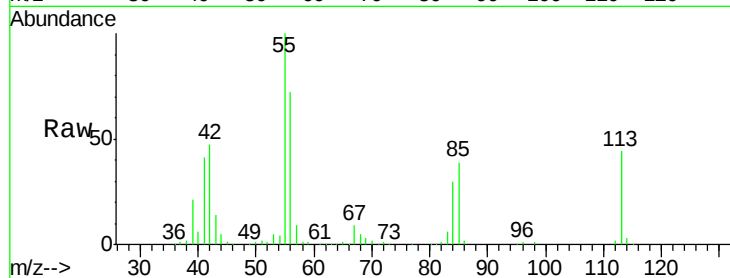
Tgt Ion:113 Resp: 103062

Ion Ratio Lower Upper

113 100

55 227.3 218.4 258.4

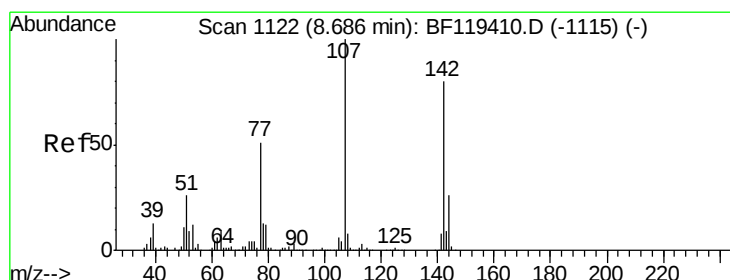
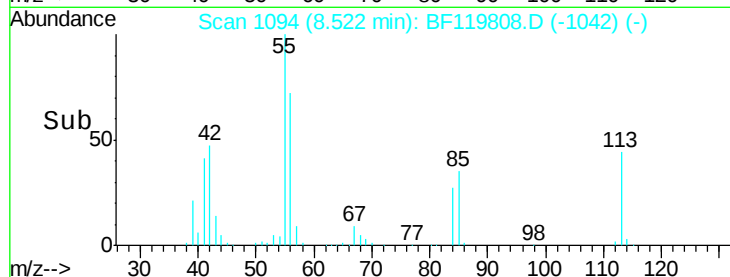
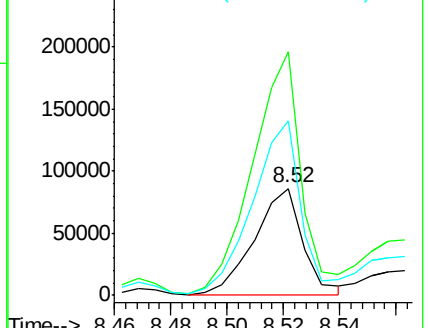
56 163.1 148.9 188.9



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: 51.27 ng

RT: 8.63 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

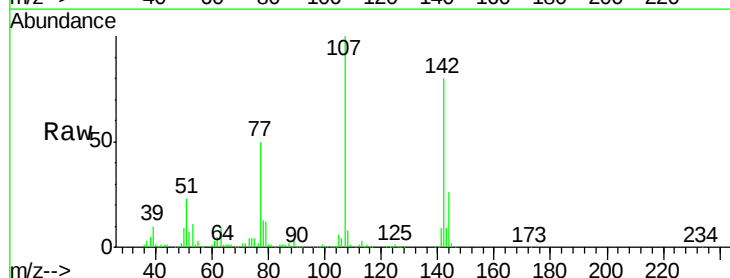
Tgt Ion:107 Resp: 594480

Ion Ratio Lower Upper

107 100

144 26.2 21.0 31.6

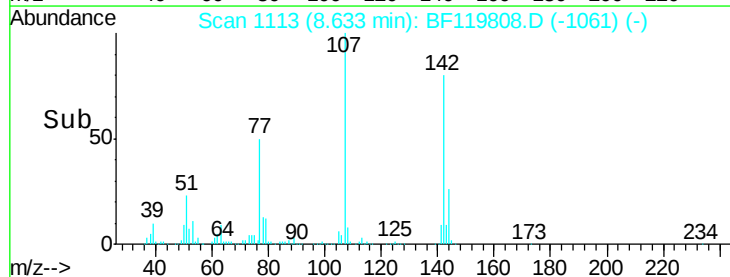
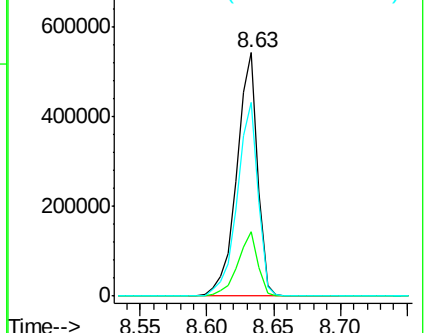
142 79.7 64.4 96.6

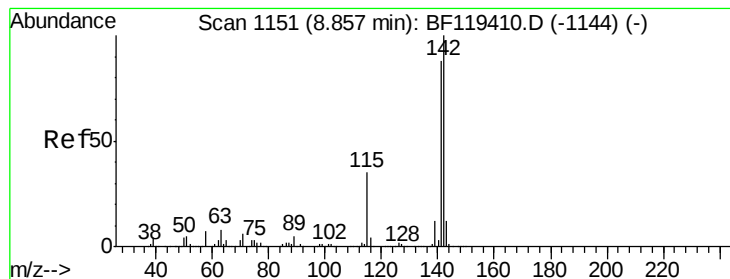


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

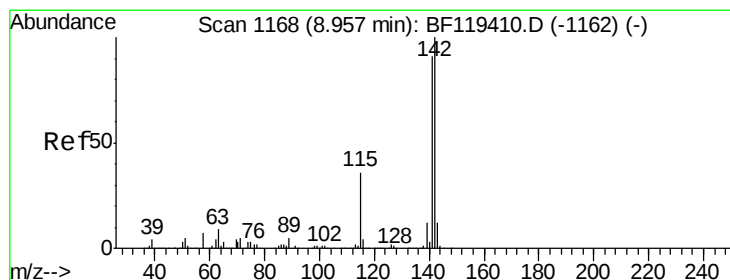
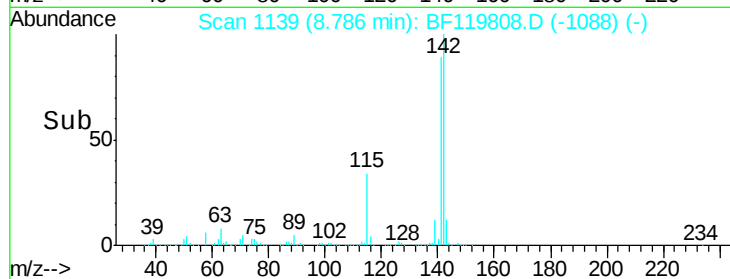
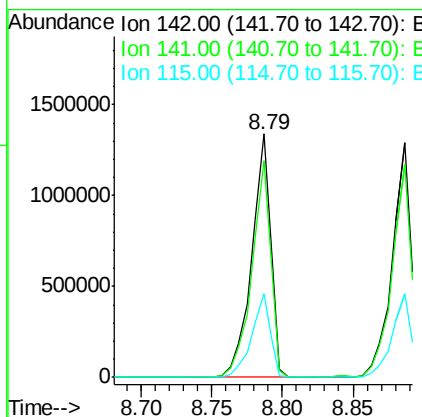
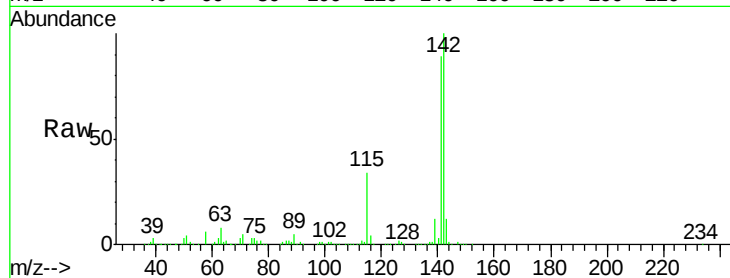




#37  
 2-Methylnaphthalene  
 Concen: 52.11 ng  
 RT: 8.79 min Scan# 1139  
 Delta R.T. -0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

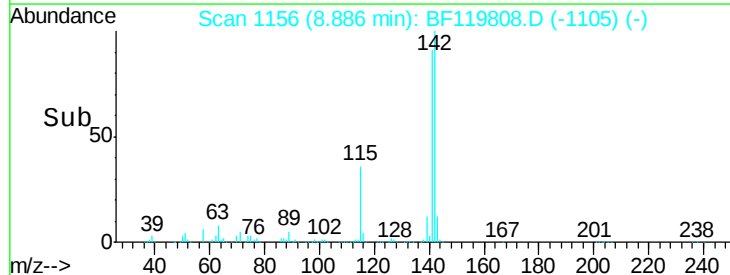
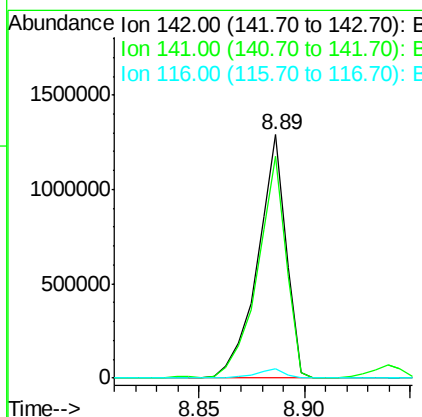
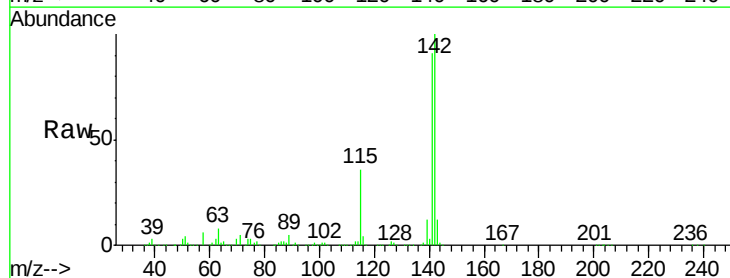
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

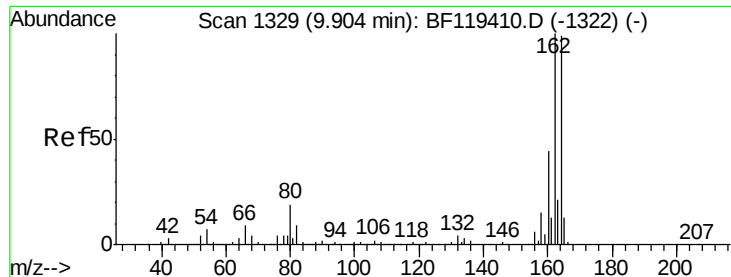
Tgt Ion:142 Resp: 1269215  
 Ion Ratio Lower Upper  
 142 100  
 141 88.9 71.7 107.5  
 115 34.2 27.9 41.9



#38  
 1-Methylnaphthalene  
 Concen: 52.31 ng  
 RT: 8.89 min Scan# 1156  
 Delta R.T. 0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Tgt Ion:142 Resp: 1205889  
 Ion Ratio Lower Upper  
 142 100  
 141 91.0 73.7 110.5  
 116 3.8 3.0 4.6

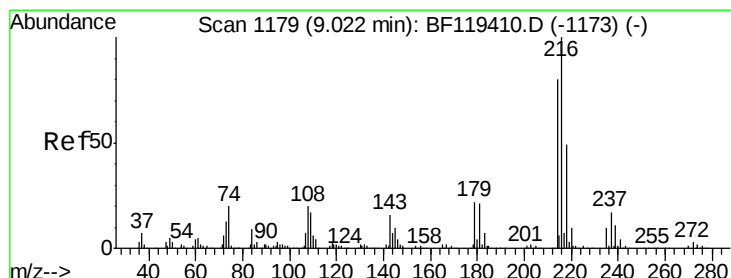
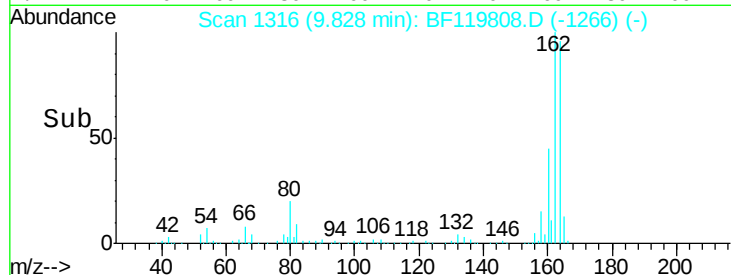
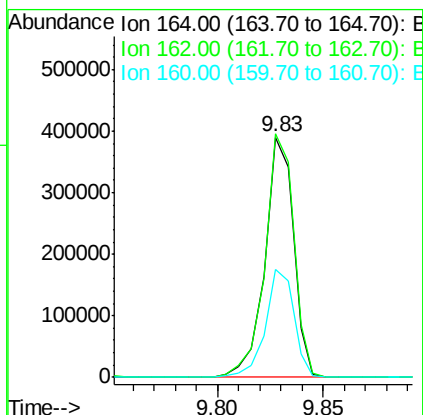
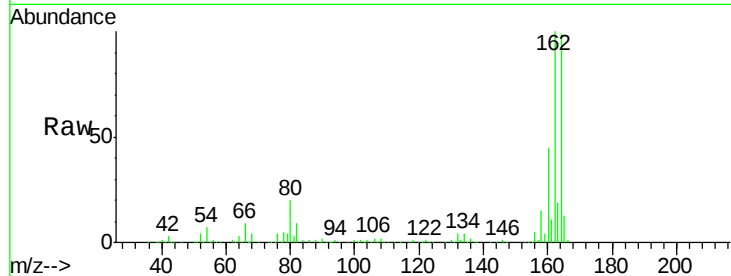




#39  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.83 min Scan# 1316  
 Delta R.T. -0.01 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

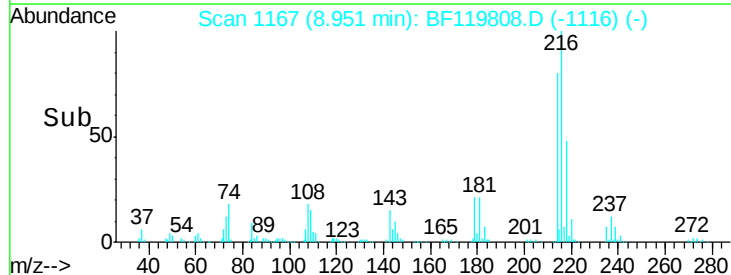
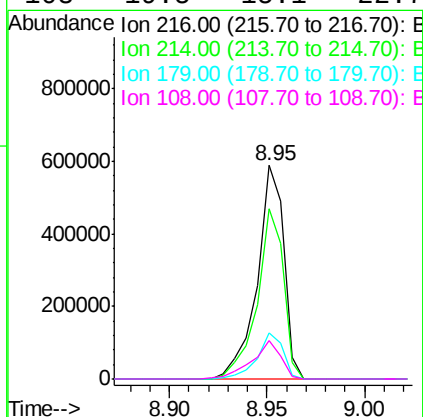
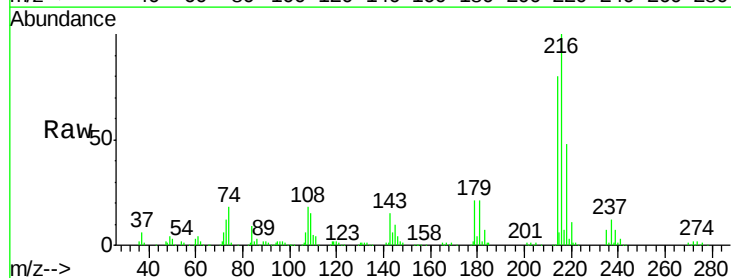
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

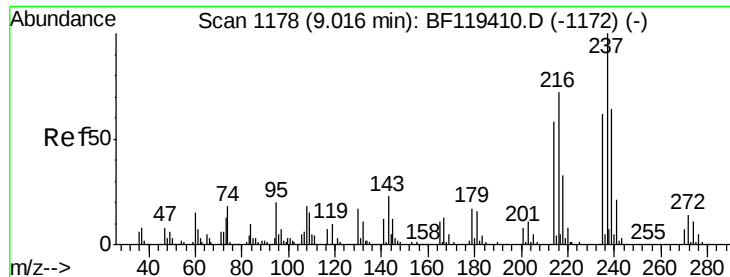
Tgt Ion:164 Resp: 369332  
 Ion Ratio Lower Upper  
 164 100  
 162 101.4 80.6 121.0  
 160 45.2 35.7 53.5



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 51.63 ng  
 RT: 8.95 min Scan# 1167  
 Delta R.T. 0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Tgt Ion:216 Resp: 558897  
 Ion Ratio Lower Upper  
 216 100  
 214 78.7 63.2 94.8  
 179 21.0 17.1 25.7  
 108 19.5 15.1 22.7

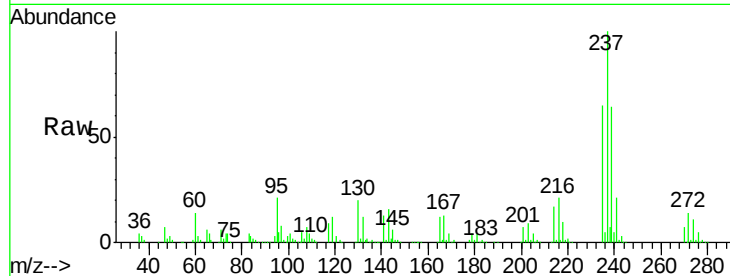




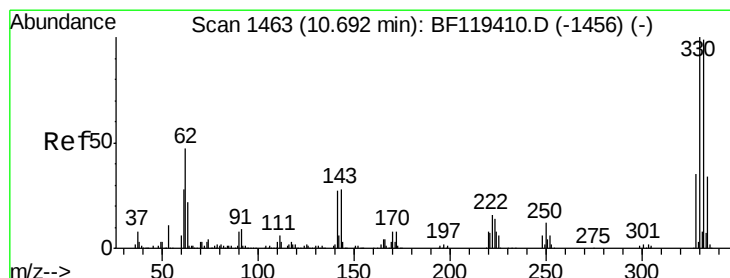
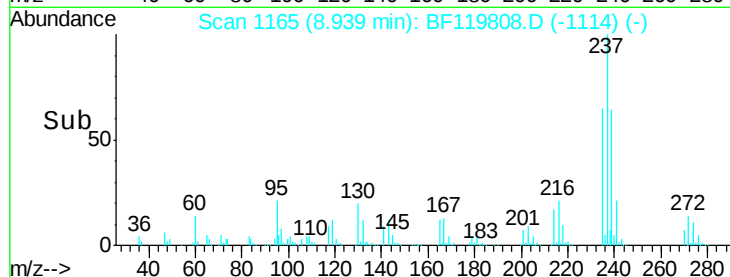
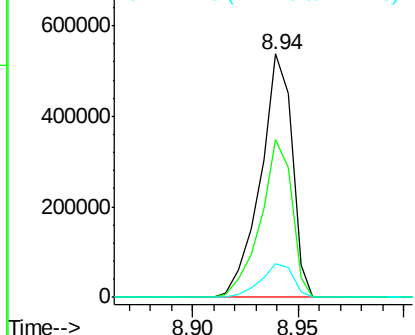
#41  
Hexachlorocyclopentadiene  
Concen: 90.92 ng  
RT: 8.94 min Scan# 1165  
Delta R.T. -0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

Instrument :  
BNA\_F  
ClientSampleId :  
SB-2E-(7-9)MS

Tgt Ion: 237 Resp: 559582  
Ion Ratio Lower Upper  
237 100  
235 64.6 43.2 83.2  
272 14.0 0.0 34.1

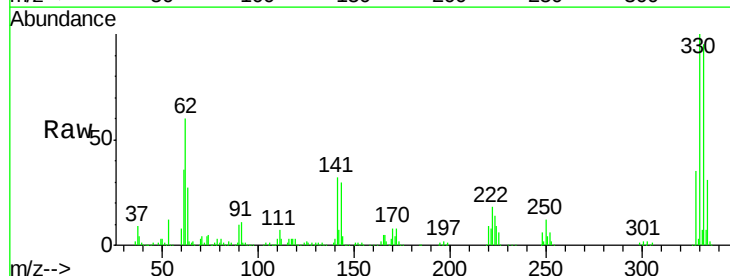


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

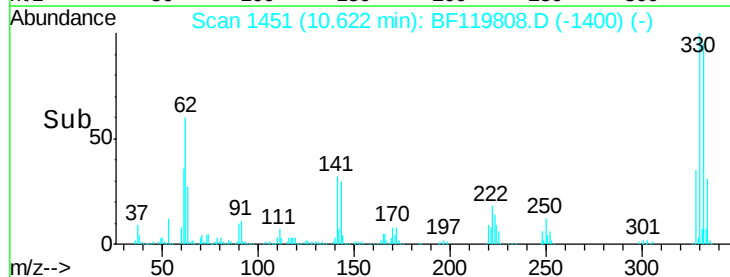
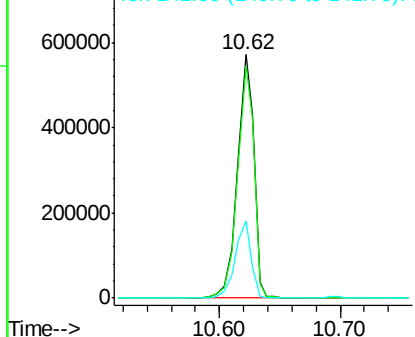


#42  
2,4,6-Tribromophenol  
Concen: 143.51 ng  
RT: 10.62 min Scan# 1451  
Delta R.T. -0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

Tgt Ion: 330 Resp: 546798  
Ion Ratio Lower Upper  
330 100  
332 96.2 75.7 113.5  
141 30.6 25.4 38.0



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

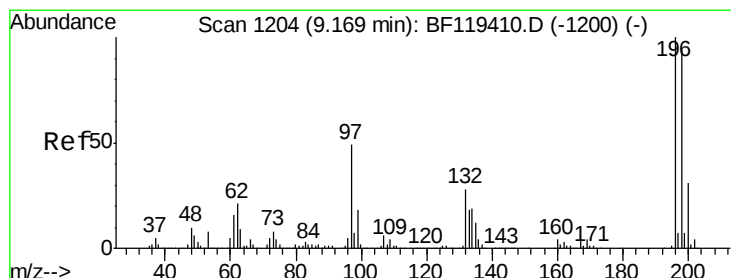
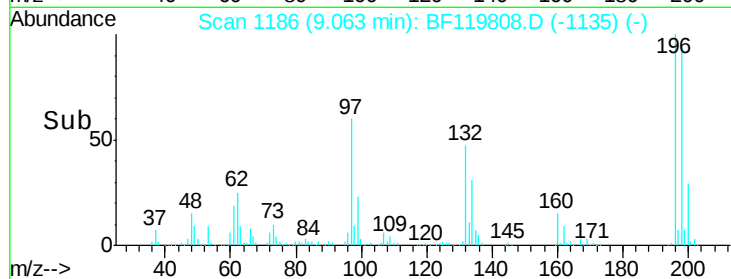
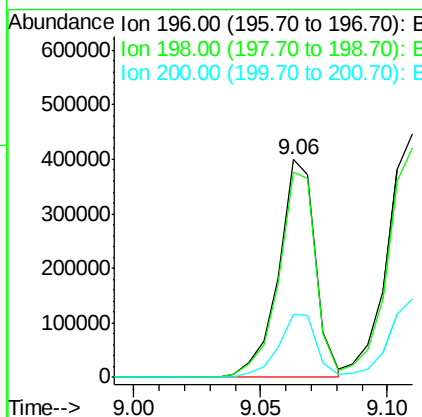
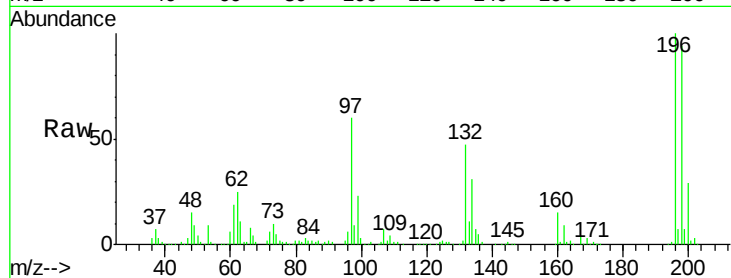




#43  
 2,4,6-Trichlorophenol  
 Concen: 52.44 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. -0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

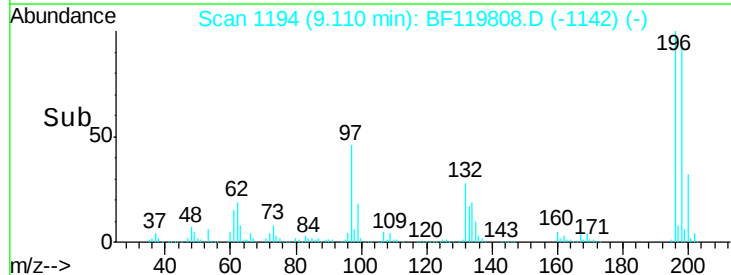
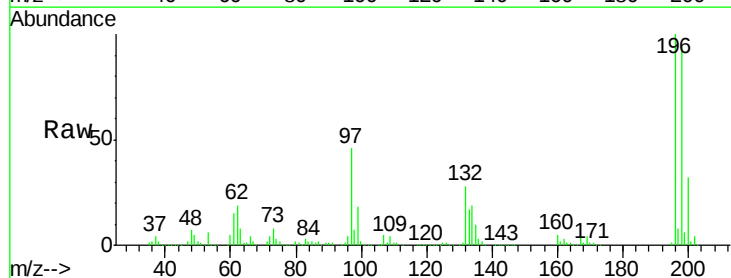
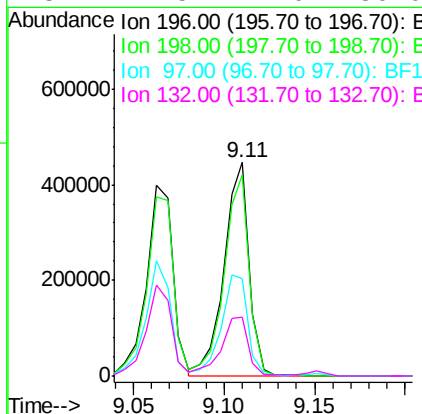
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

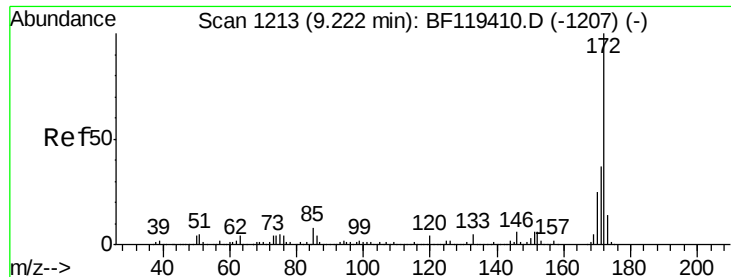
Tgt Ion:196 Resp: 406264  
 Ion Ratio Lower Upper  
 196 100  
 198 93.9 76.6 115.0  
 200 29.2 24.6 36.8



#44  
 2,4,5-Trichlorophenol  
 Concen: 49.23 ng  
 RT: 9.11 min Scan# 1194  
 Delta R.T. 0.01 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Tgt Ion:196 Resp: 427207  
 Ion Ratio Lower Upper  
 196 100  
 198 94.1 73.8 110.8  
 97 45.5 42.6 63.8  
 132 27.5 24.0 36.0

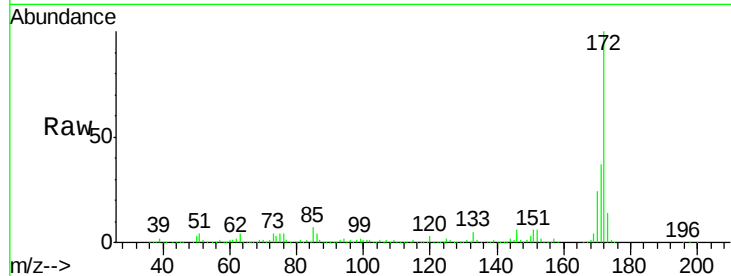




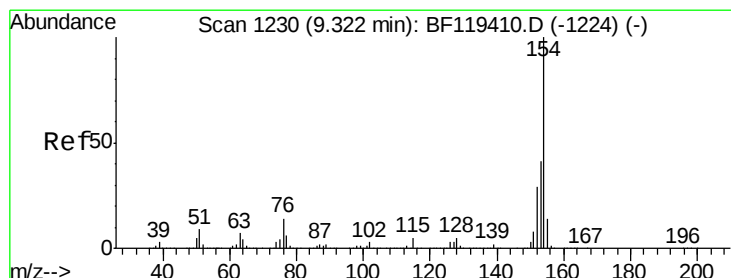
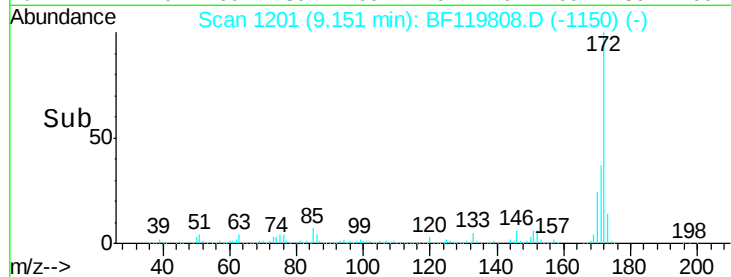
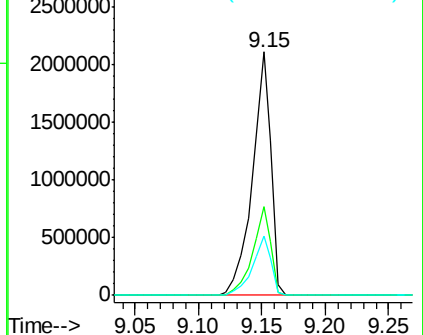
#45  
 2-Fluorobiphenyl  
 Concen: 86.77 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

Tgt Ion:172 Resp: 2163107  
 Ion Ratio Lower Upper  
 172 100  
 171 36.6 29.6 44.4  
 170 24.1 20.2 30.2

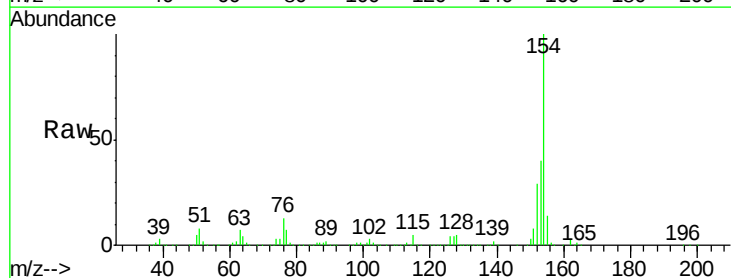


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

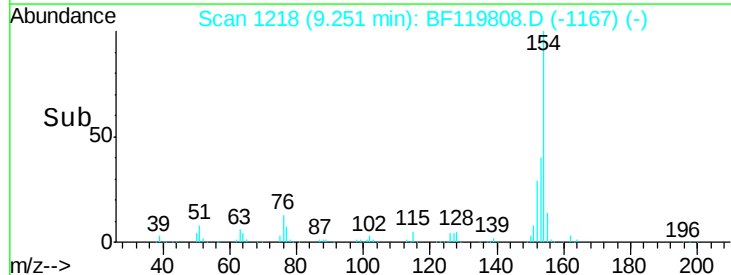
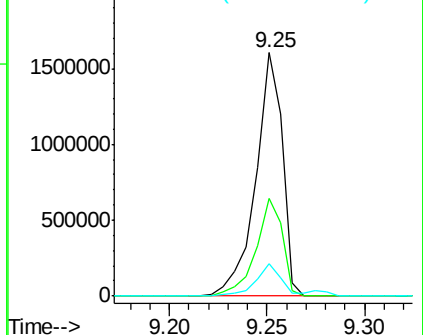


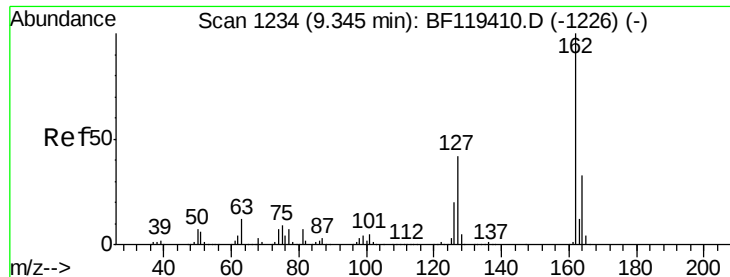
#46  
 1,1'-Biphenyl  
 Concen: 50.31 ng  
 RT: 9.25 min Scan# 1218  
 Delta R.T. 0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Tgt Ion:154 Resp: 1513349  
 Ion Ratio Lower Upper  
 154 100  
 153 40.1 21.4 61.4  
 76 13.2 0.0 33.0



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

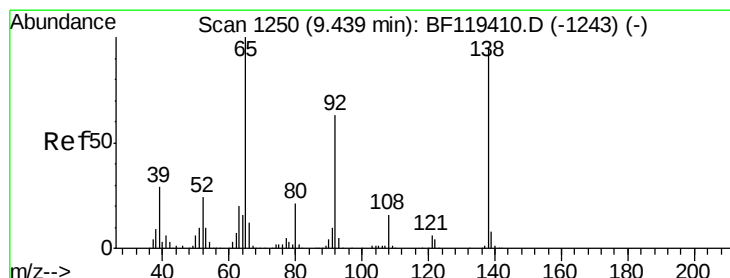
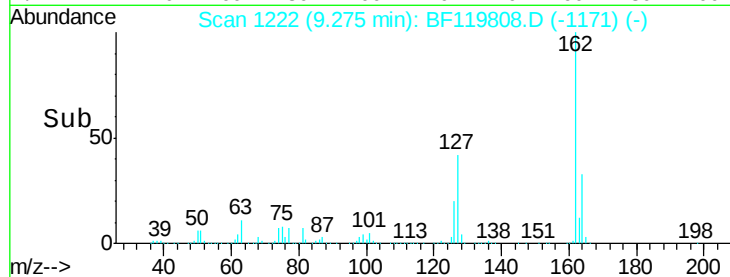
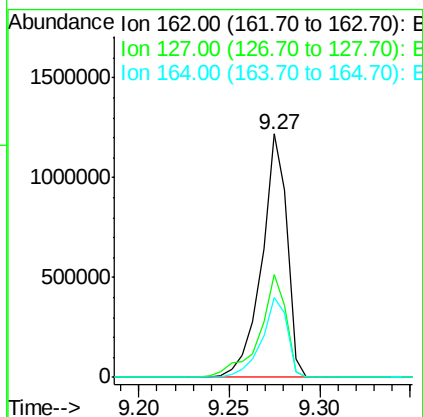
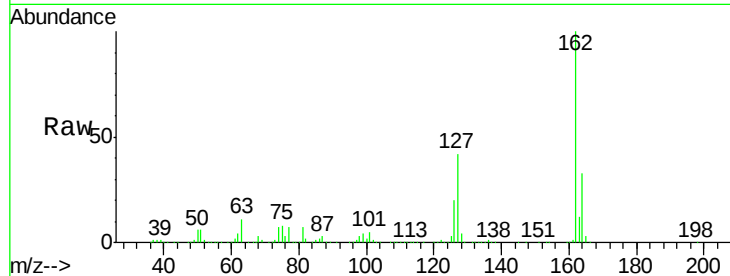




#47  
 2-Chloronaphthalene  
 Concen: 49.90 ng  
 RT: 9.27 min Scan# 1222  
 Delta R.T. -0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

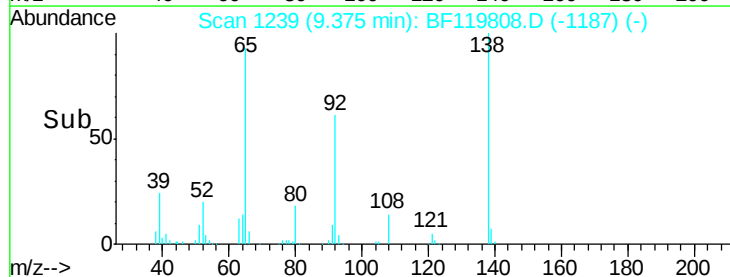
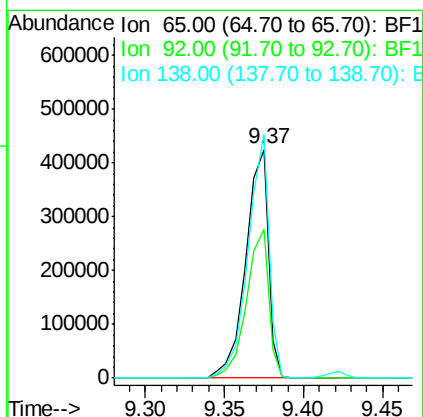
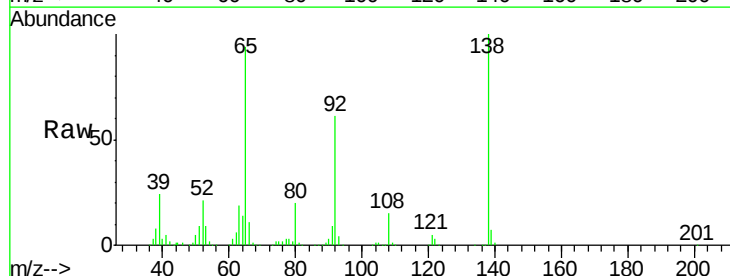
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

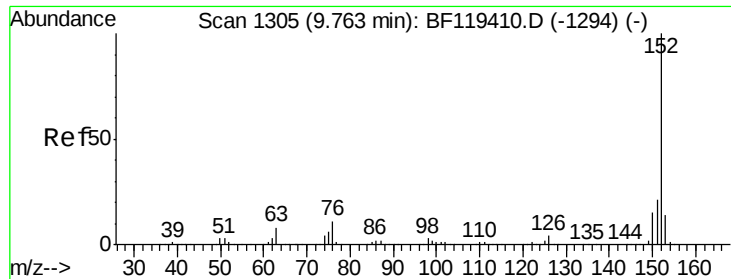
Tgt Ion: 162 Resp: 1175638  
 Ion Ratio Lower Upper  
 162 100  
 127 42.4 33.7 50.5  
 164 32.6 26.3 39.5



#48  
 2-Nitroaniline  
 Concen: 51.37 ng  
 RT: 9.37 min Scan# 1239  
 Delta R.T. 0.01 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Tgt Ion: 65 Resp: 417816  
 Ion Ratio Lower Upper  
 65 100  
 92 64.9 50.0 75.0  
 138 106.5 75.0 112.4





#49

Acenaphthylene

Concen: 49.73 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

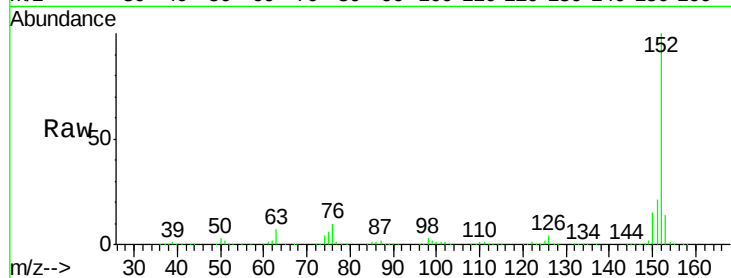
Tgt Ion:152 Resp: 1840049

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

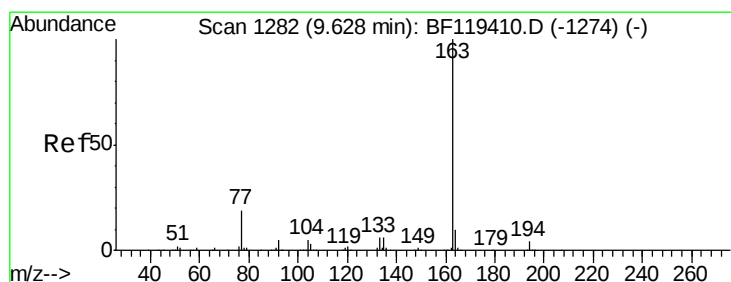
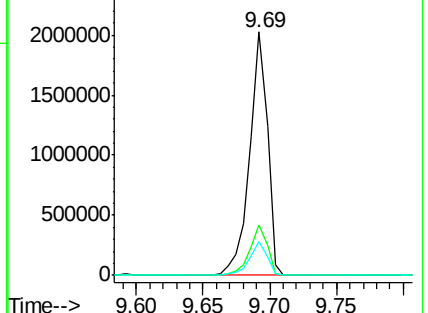
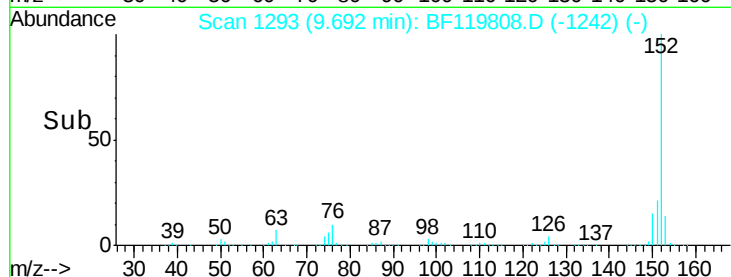
153 13.7 11.2 16.8



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: 61.62 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

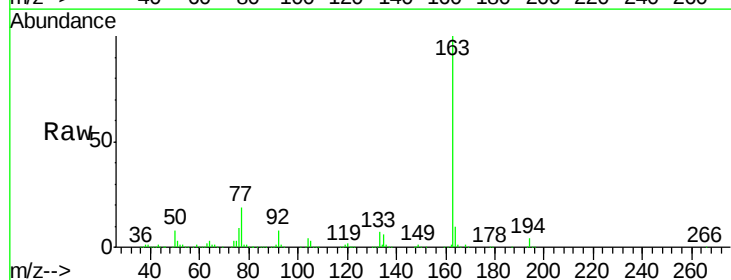
Tgt Ion:163 Resp: 1616554

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

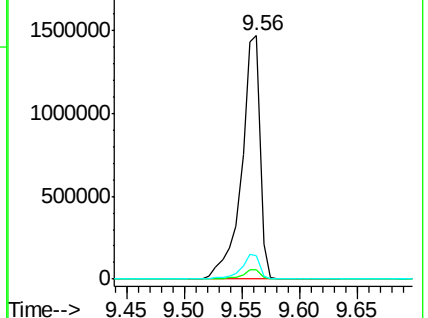
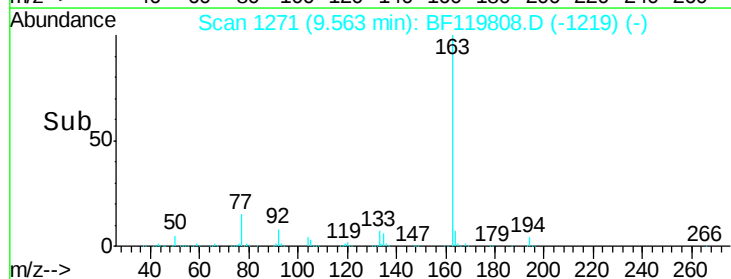
164 9.8 8.2 12.2

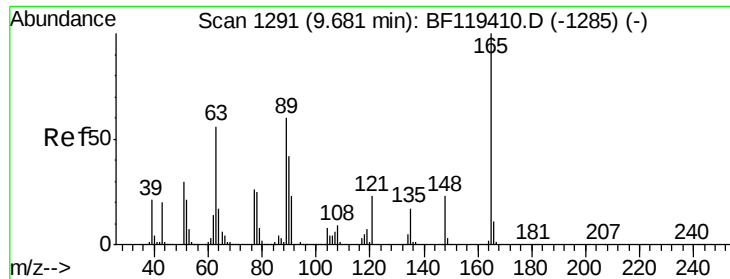


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

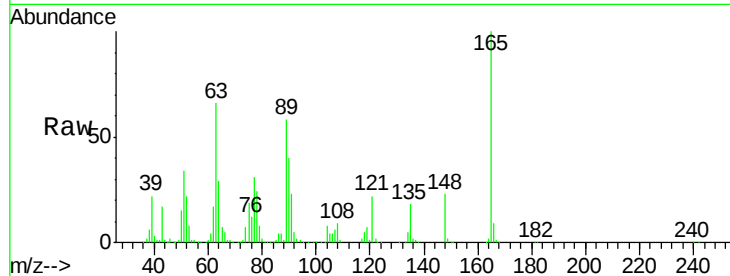




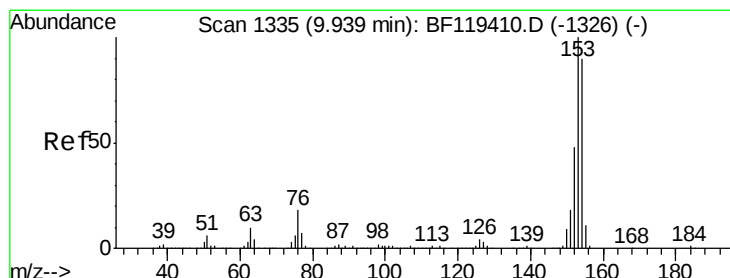
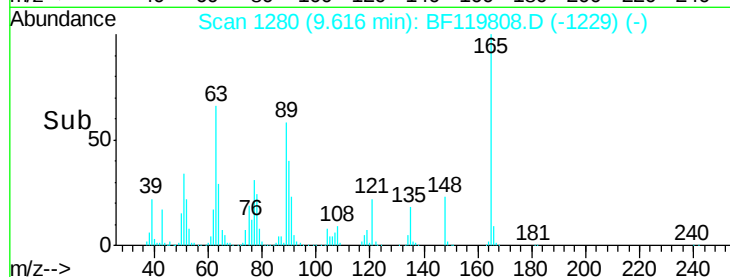
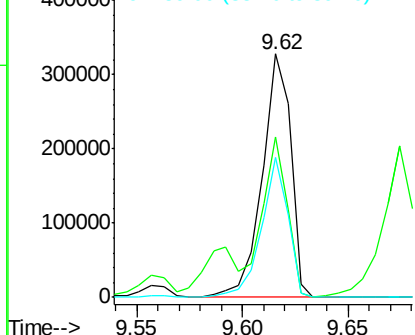
#51  
 2,6-Dinitrotoluene  
 Concen: 55.12 ng  
 RT: 9.62 min Scan# 1280  
 Delta R.T. -0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

Tgt Ion:165 Resp: 309970  
 Ion Ratio Lower Upper  
 165 100  
 63 66.0 45.0 67.4  
 89 57.7 41.5 62.3

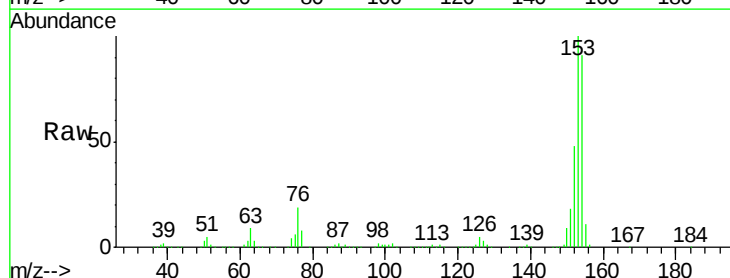


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

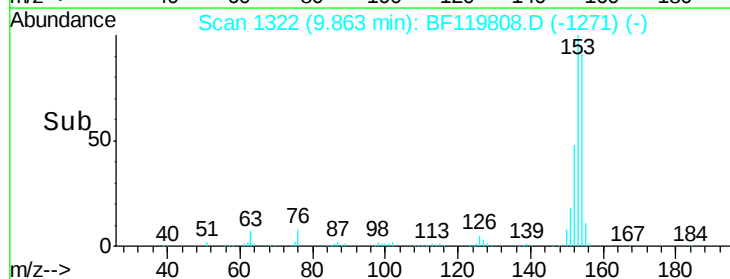
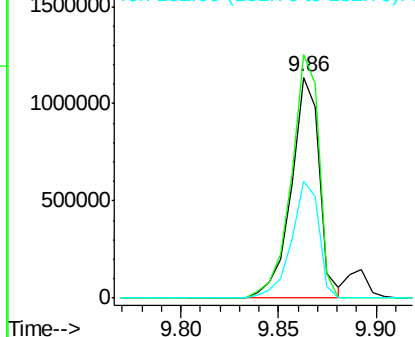


#52  
 Acenaphthene  
 Concen: 48.95 ng  
 RT: 9.86 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Tgt Ion:154 Resp: 1129205  
 Ion Ratio Lower Upper  
 154 100  
 153 110.2 88.1 132.1  
 152 53.0 43.0 64.4



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

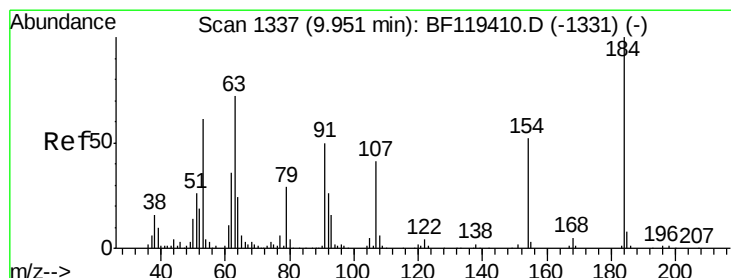
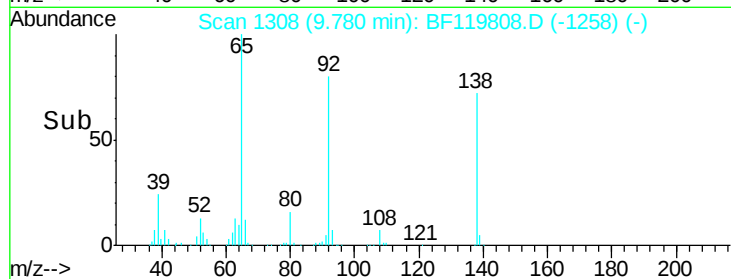
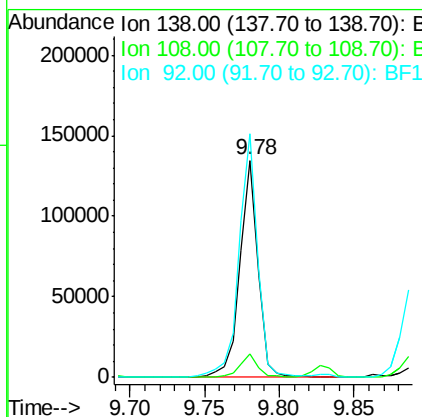
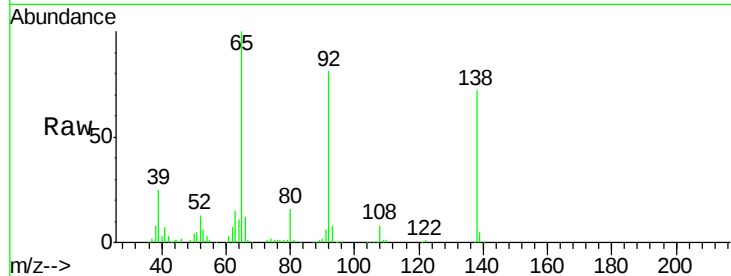




#53  
 3-Nitroaniline  
 Concen: 16.13 ng  
 RT: 9.78 min Scan# 1308  
 Delta R.T. -0.01 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

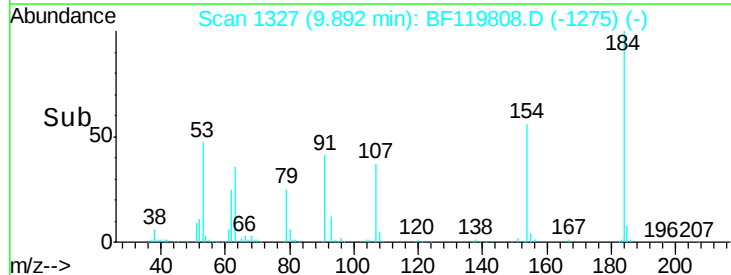
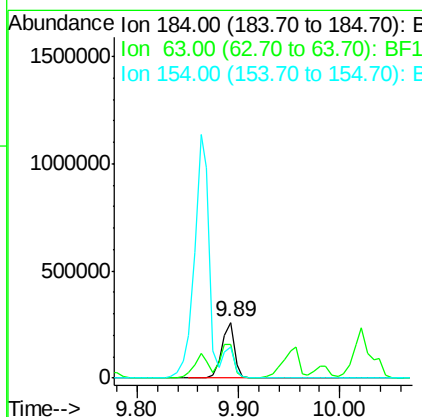
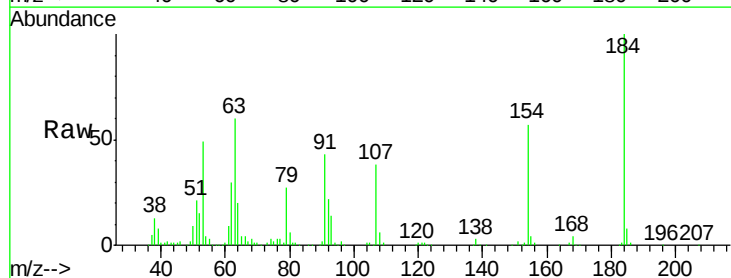
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

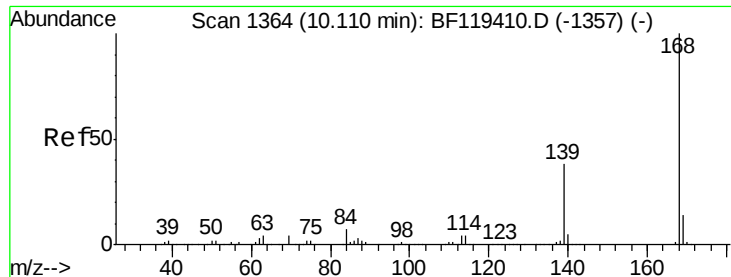
Tgt Ion:138 Resp: 114542  
 Ion Ratio Lower Upper  
 138 100  
 108 10.6 8.6 13.0  
 92 112.1 95.4 143.0



#54  
 2,4-Dinitrophenol  
 Concen: 93.10 ng  
 RT: 9.89 min Scan# 1327  
 Delta R.T. 0.01 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Tgt Ion:184 Resp: 229715  
 Ion Ratio Lower Upper  
 184 100  
 63 60.4 50.2 75.4  
 154 56.7 44.5 66.7

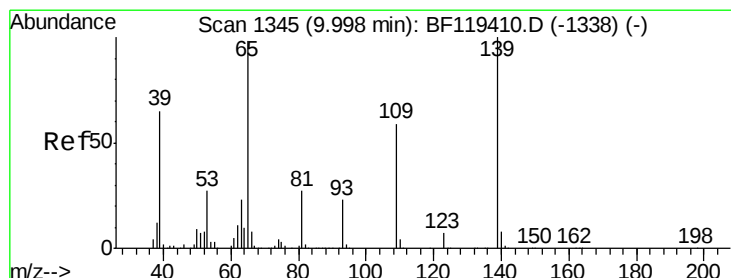
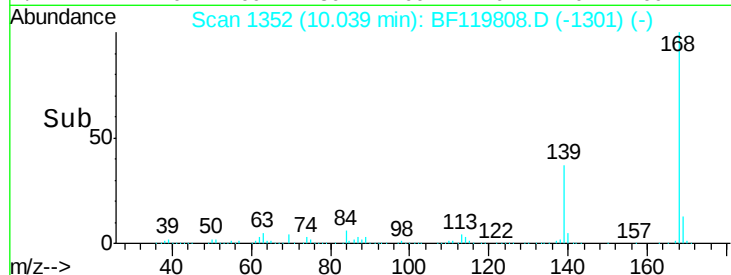
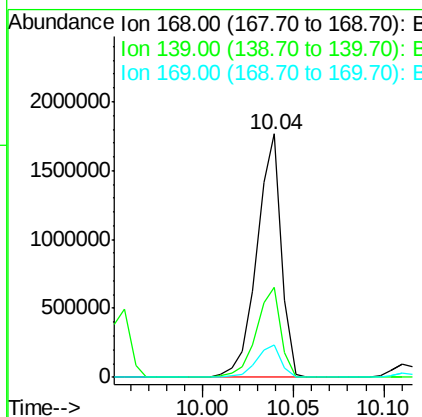
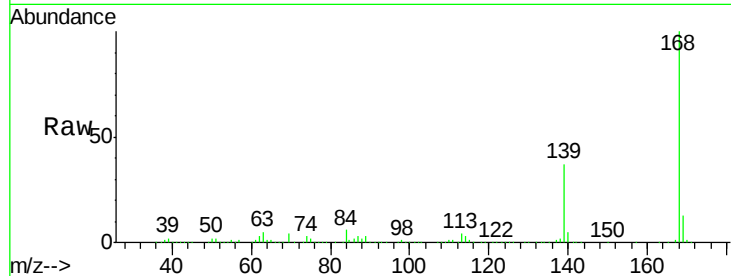




#55  
Dibenzenofuran  
Concen: 49.90 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

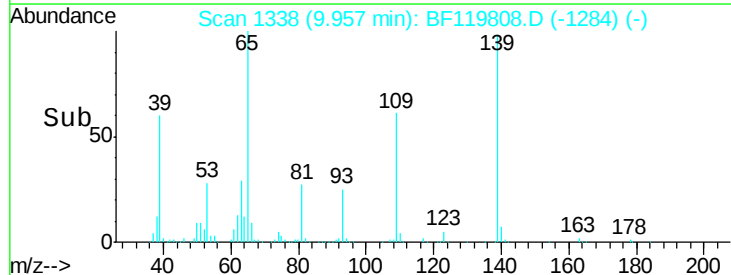
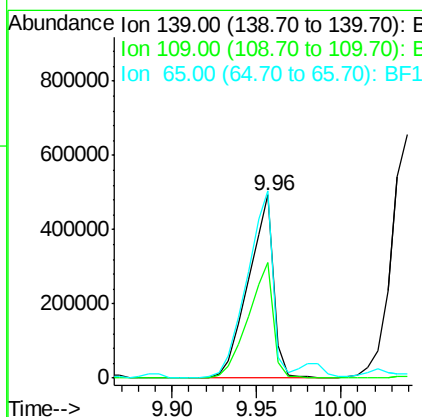
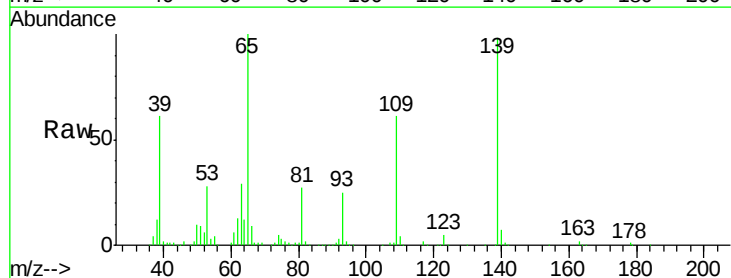
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2E-(7-9)MS

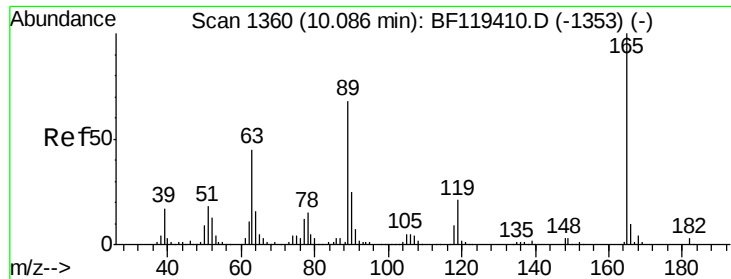
Tgt Ion:168 Resp: 1650322  
Ion Ratio Lower Upper  
168 100  
139 37.2 30.1 45.1  
169 13.4 11.0 16.6



#56  
4-Nitrophenol  
Concen: 91.90 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. 0.02 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

Tgt Ion:139 Resp: 514683  
Ion Ratio Lower Upper  
139 100  
109 62.8 43.3 83.3  
65 102.5 91.0 131.0

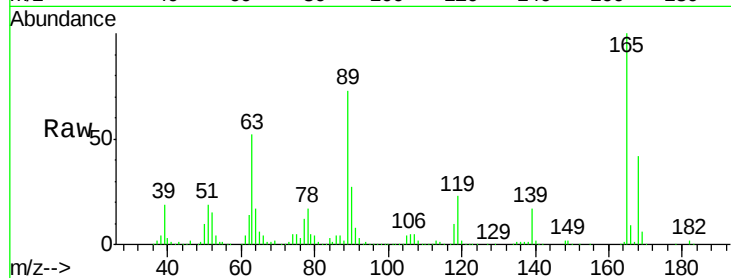




#57  
2,4-Dinitrotoluene  
Concen: 57.55 ng  
RT: 10.02 min Scan# 1349  
Delta R.T. 0.01 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

Instrument :  
BNA\_F  
ClientSampleId :  
SB-2E-(7-9)MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 407657 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 52.5  | 42.6  | 64.0   |
| 89       | 73.1  | 61.0  | 91.4   |
| 182      | 2.5   | 2.2   | 3.2    |

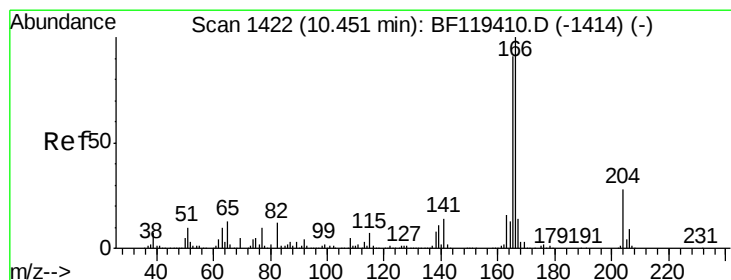
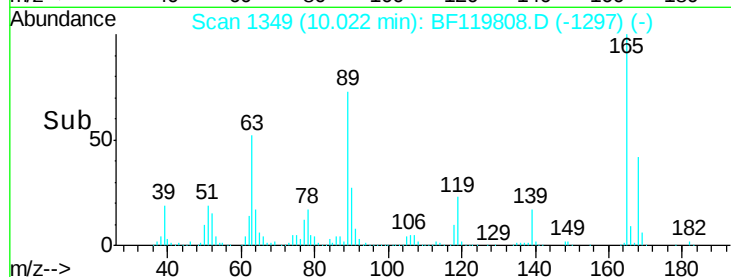
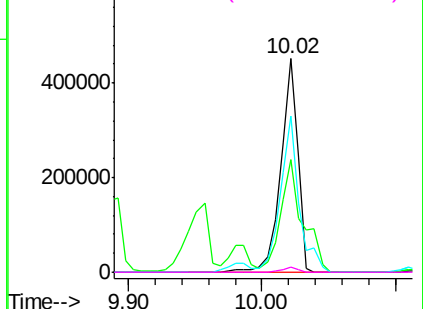


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

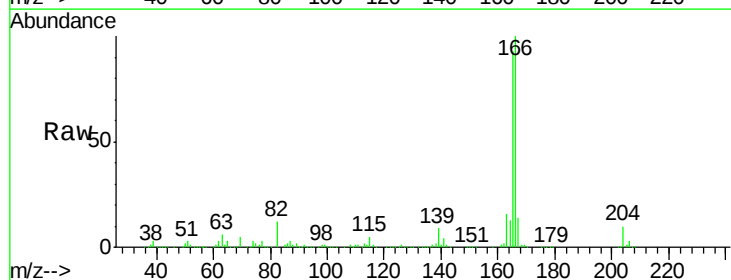
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 51.62 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

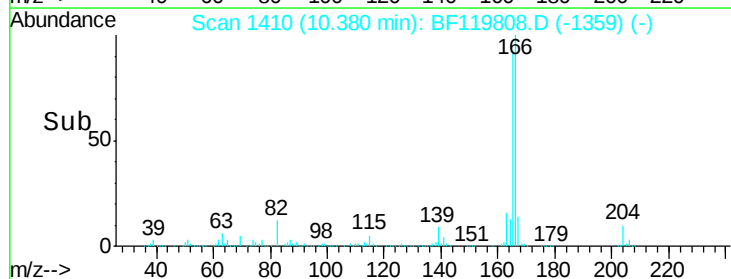
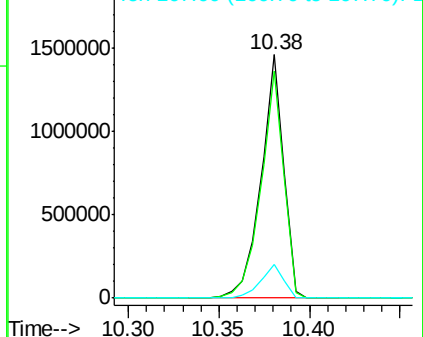
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 1262364 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 93.4  | 75.4  | 113.2   |
| 167      | 13.6  | 11.2  | 16.8    |

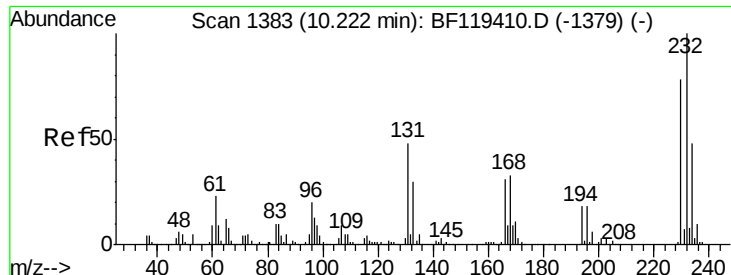


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

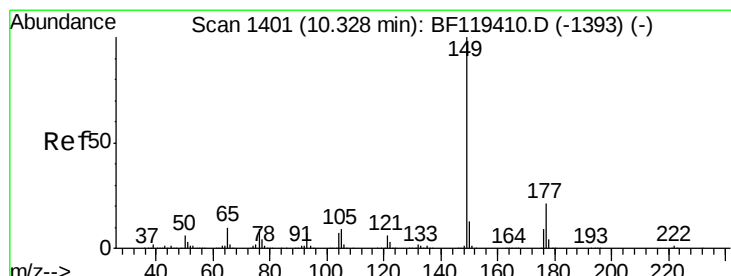
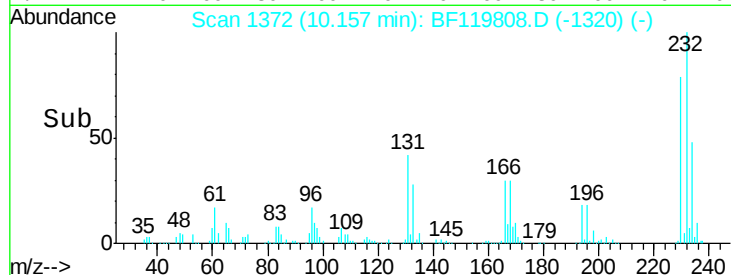
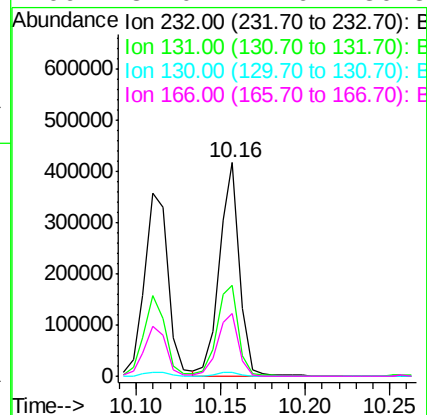
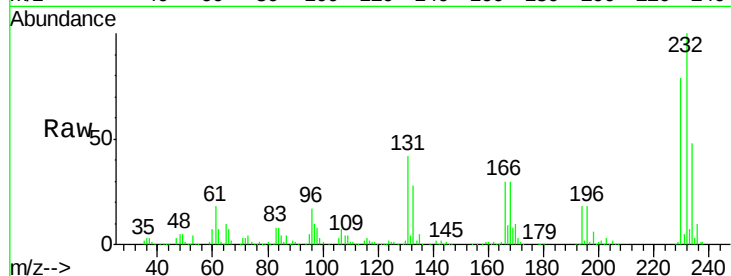




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 53.33 ng  
 RT: 10.16 min Scan# 1372  
 Delta R.T. 0.01 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

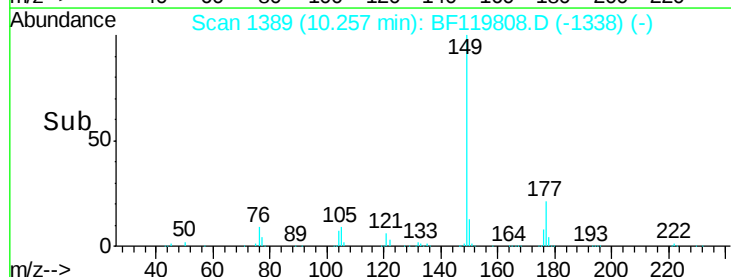
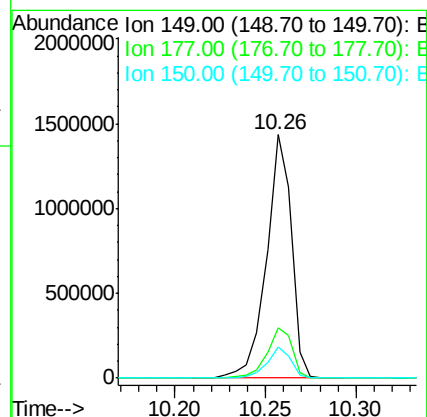
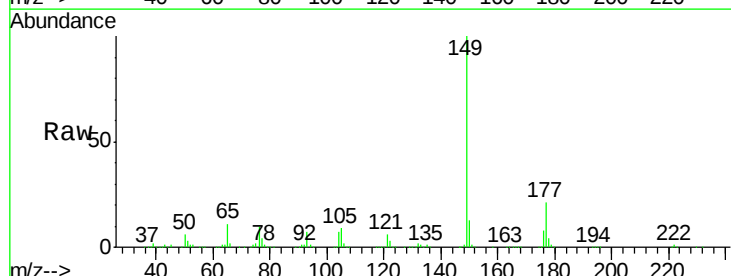
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 46.1  | 37.5  | 56.3  |
| 130     | 2.2   | 1.8   | 2.6   |
| 166     | 32.0  | 24.6  | 36.8  |



#60  
 Diethylphthalate  
 Concen: 51.46 ng  
 RT: 10.26 min Scan# 1389  
 Delta R.T. 0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.9  | 17.0  | 25.6  |
| 150     | 12.7  | 10.1  | 15.1  |

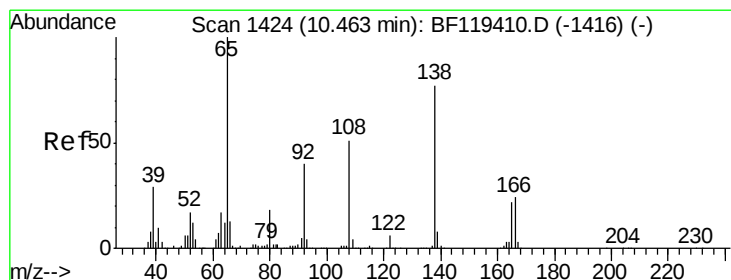
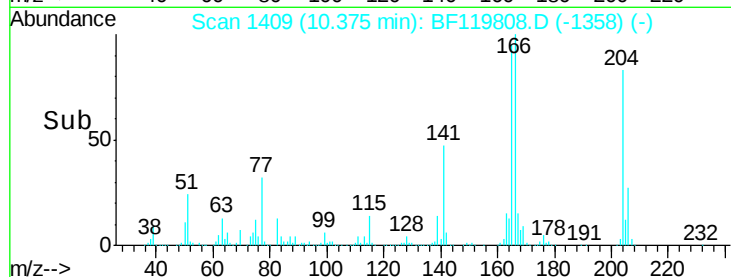
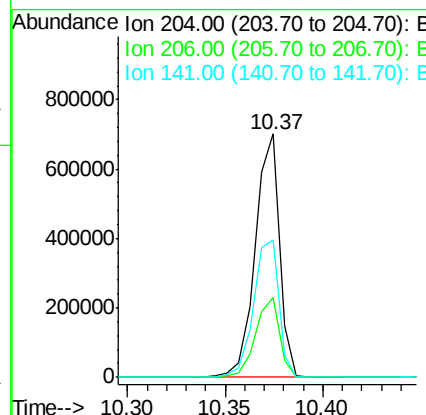
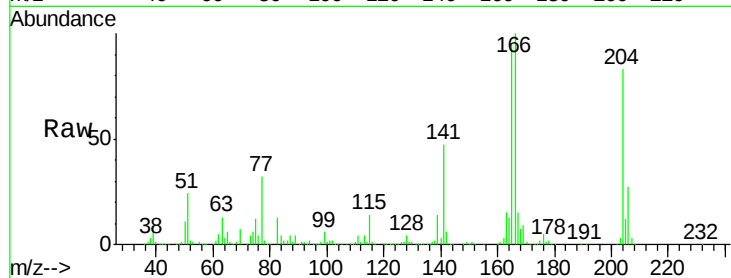




#61  
 4-Chlorophenyl-phenylether  
 Concen: 50.51 ng  
 RT: 10.37 min Scan# 1409  
 Delta R.T. -0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

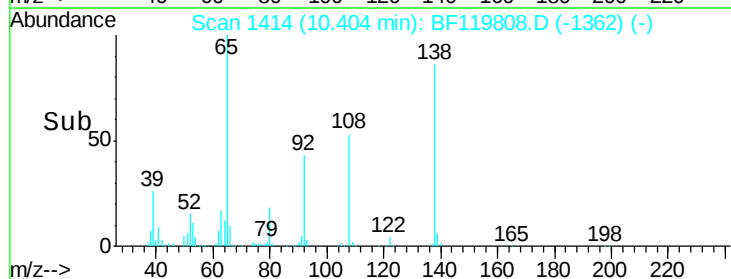
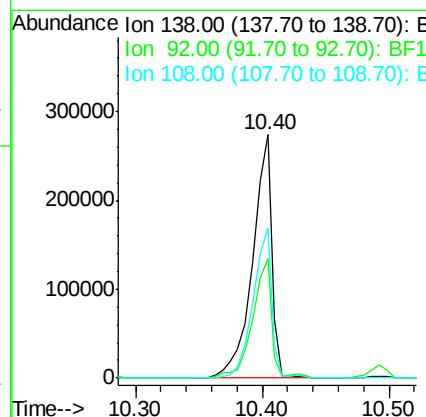
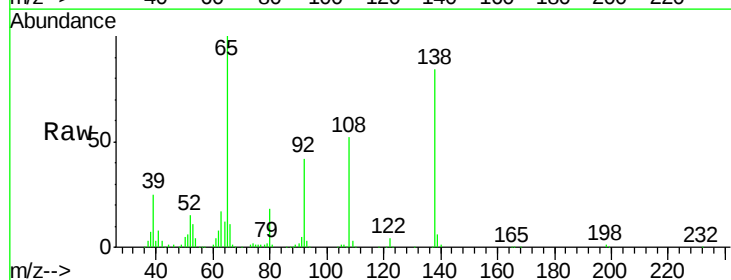
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

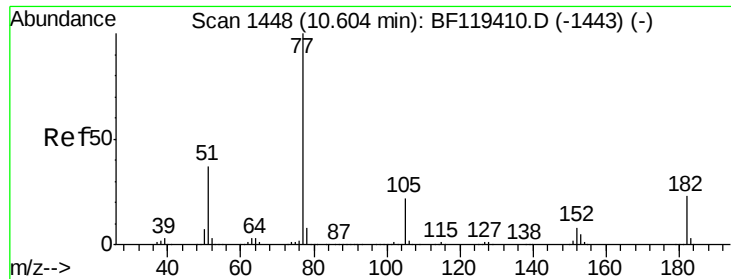
Tgt Ion: 204 Resp: 604062  
 Ion Ratio Lower Upper  
 204 100  
 206 32.6 26.7 40.1  
 141 56.5 47.3 70.9



#62  
 4-Nitroaniline  
 Concen: 42.95 ng  
 RT: 10.40 min Scan# 1414  
 Delta R.T. 0.01 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Tgt Ion: 138 Resp: 292379  
 Ion Ratio Lower Upper  
 138 100  
 92 49.3 31.5 71.5  
 108 61.9 45.8 85.8





#63

Azobenzene

Concen: 48.40 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

Tgt Ion: 77 Resp: 1297837

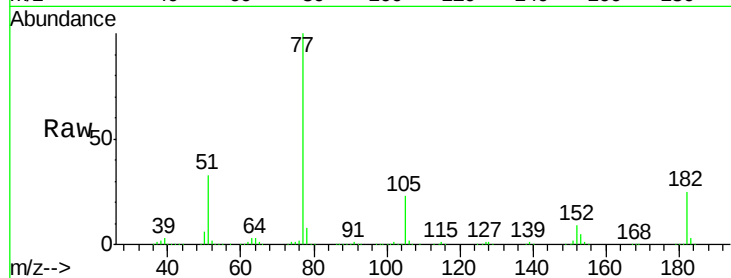
Ion Ratio Lower Upper

77 100

182 24.7 4.4 44.4

105 22.6 2.6 42.6

51 33.0 15.1 55.1

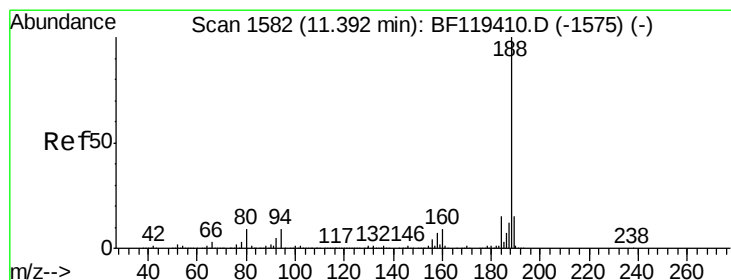
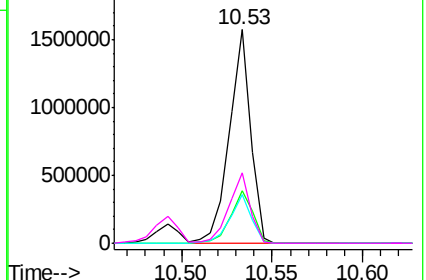
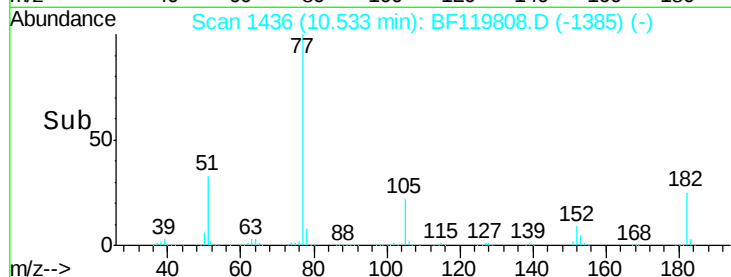


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

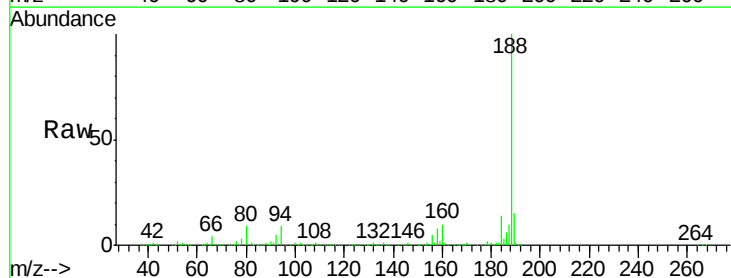
Tgt Ion: 188 Resp: 693508

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

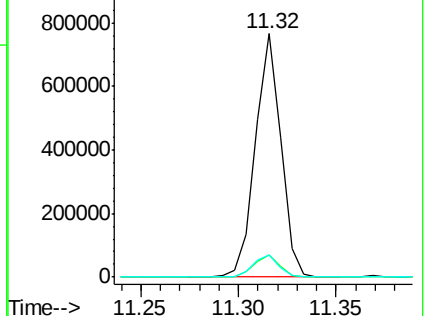
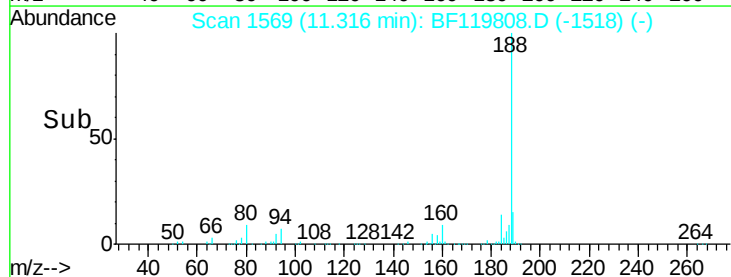
80 9.2 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 61.56 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

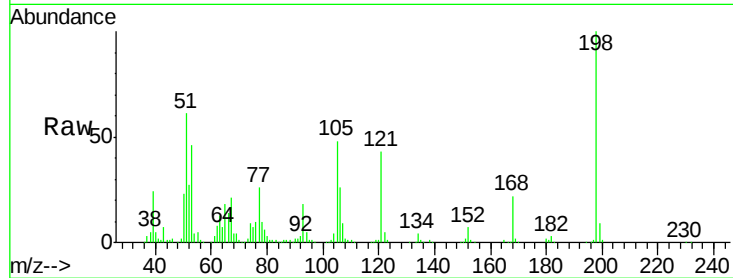
Tgt Ion:198 Resp: 179031

Ion Ratio Lower Upper

198 100

51 60.5 29.0 69.0

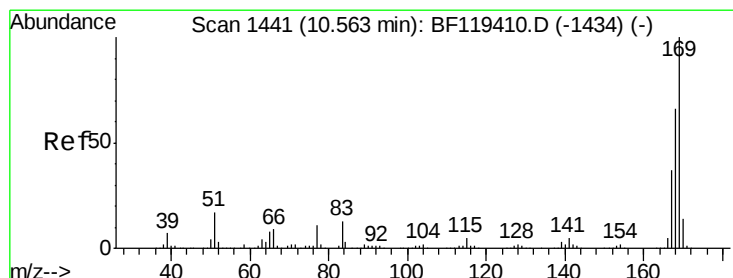
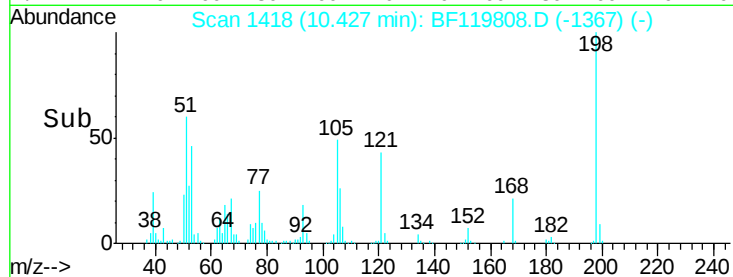
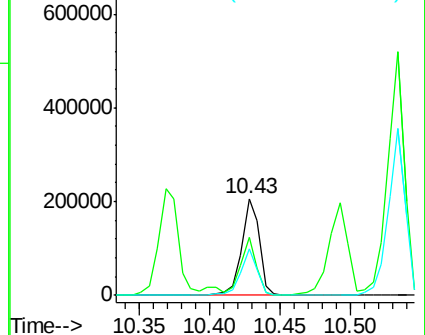
105 48.3 22.2 62.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.62 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

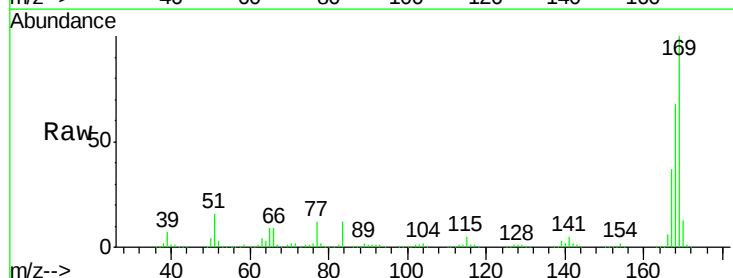
Tgt Ion:169 Resp: 1175171

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

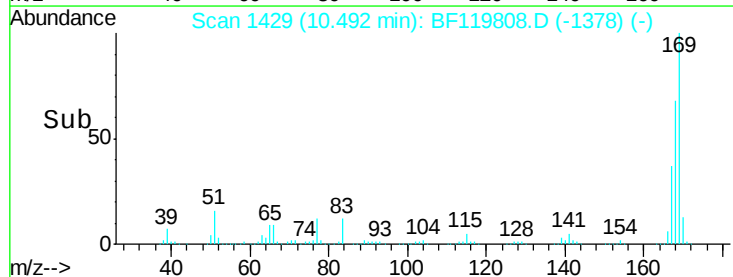
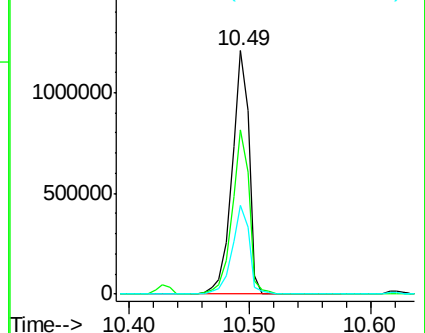
167 36.7 29.1 43.7

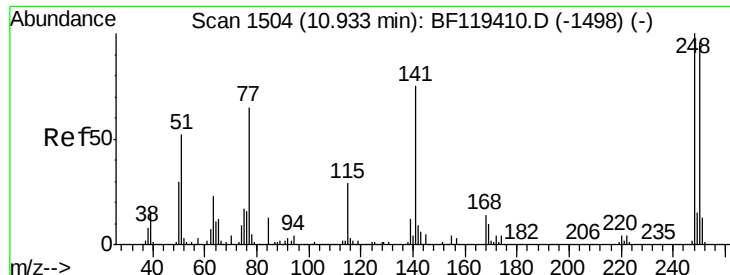


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

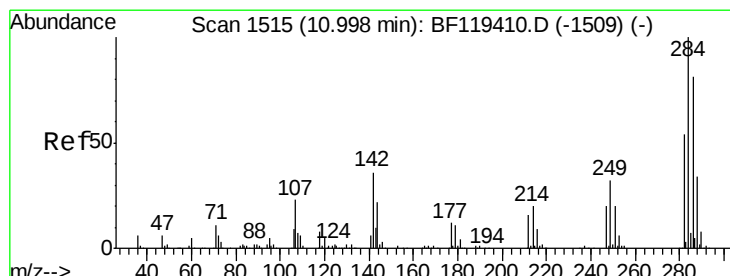
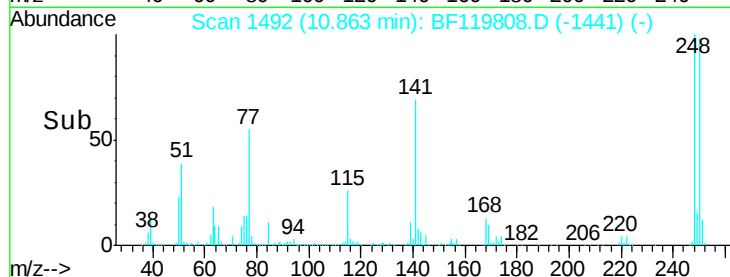
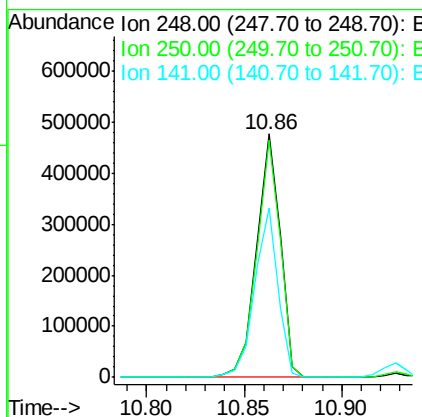
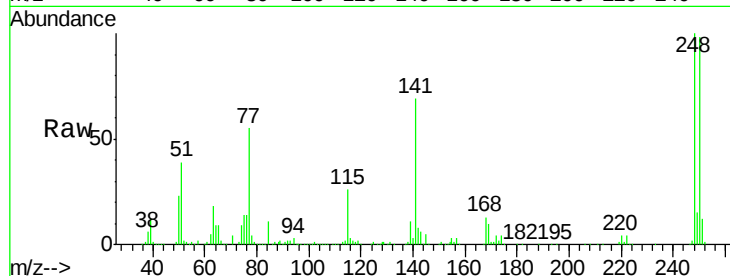




#67  
 4-Bromophenyl-phenylether  
 Concen: 50.95 ng  
 RT: 10.86 min Scan# 1492  
 Delta R.T. -0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

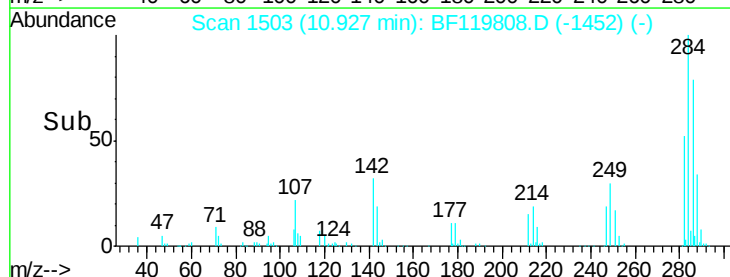
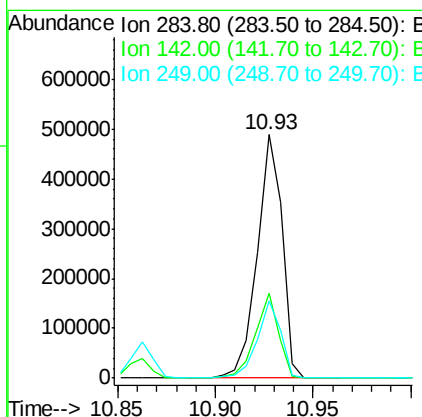
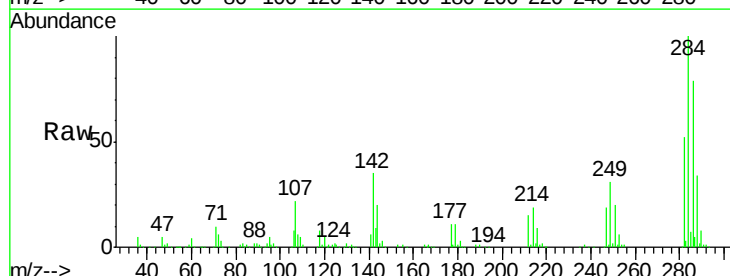
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

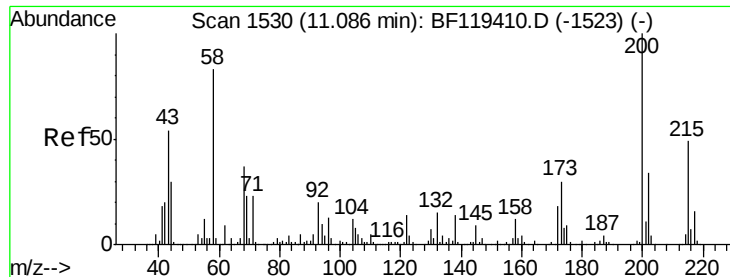
Tgt Ion:248 Resp: 402382  
 Ion Ratio Lower Upper  
 248 100  
 250 97.5 77.3 115.9  
 141 69.4 58.6 87.8



#68  
 Hexachlorobenzene  
 Concen: 53.45 ng  
 RT: 10.93 min Scan# 1503  
 Delta R.T. -0.00 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Tgt Ion:284 Resp: 432074  
 Ion Ratio Lower Upper  
 284 100  
 142 34.6 29.2 43.8  
 249 31.5 25.1 37.7





#69

Atrazine

Concen: 55.58 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

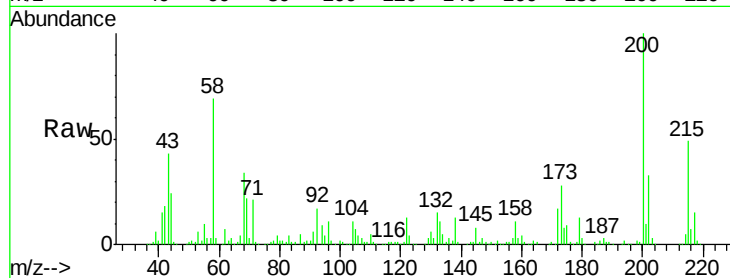
Tgt Ion:200 Resp: 346914

Ion Ratio Lower Upper

200 100

173 28.3 9.3 49.3

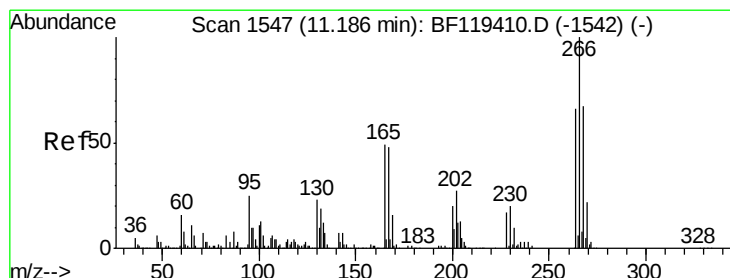
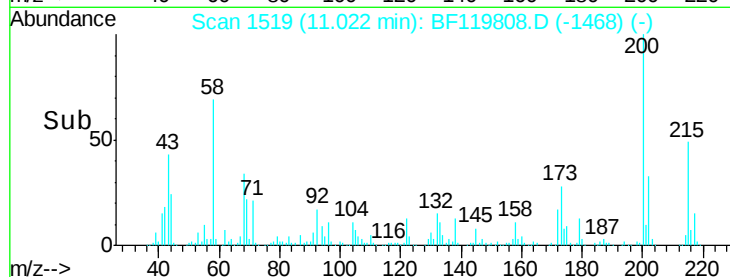
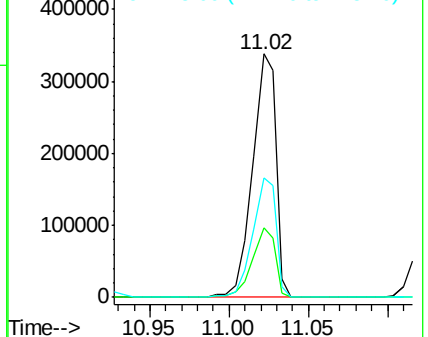
215 49.2 29.5 69.5



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: 97.78 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

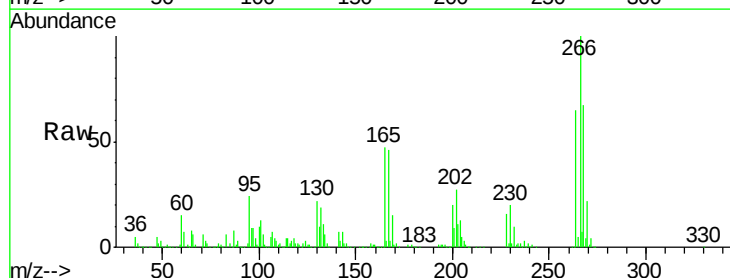
Tgt Ion:266 Resp: 463452

Ion Ratio Lower Upper

266 100

268 67.1 53.3 79.9

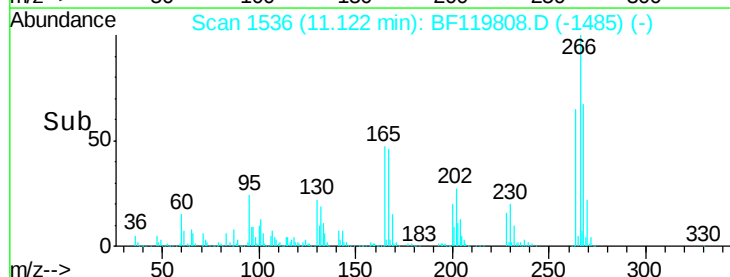
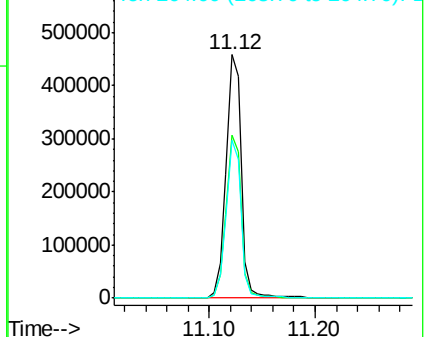
264 64.8 49.0 73.4

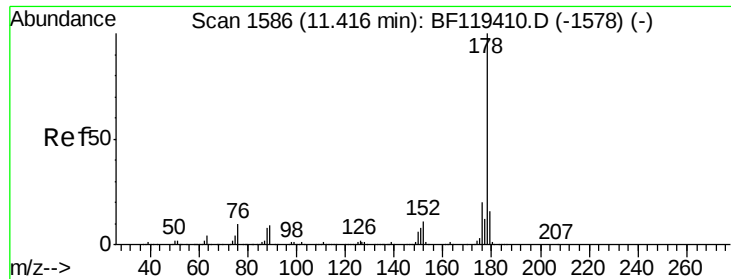


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

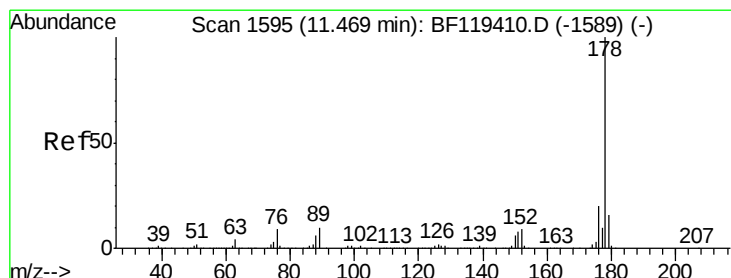
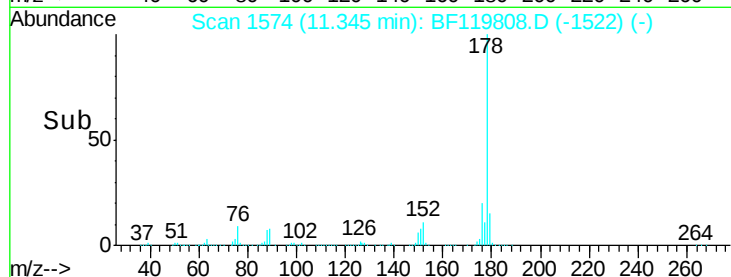
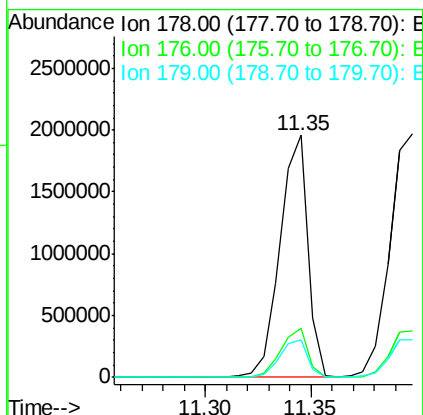
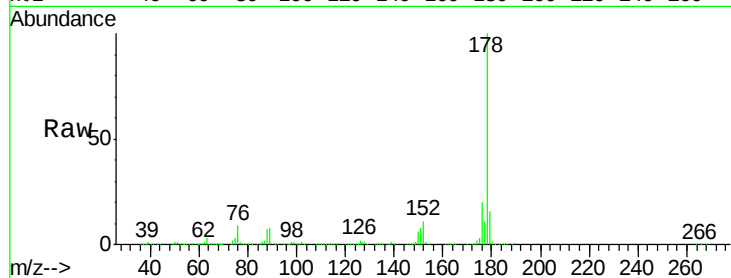




#71  
Phenanthrene  
Concen: 50.46 ng  
RT: 11.35 min Scan# 1574  
Delta R.T. 0.01 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

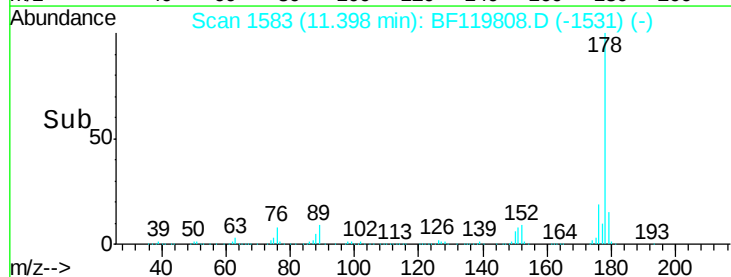
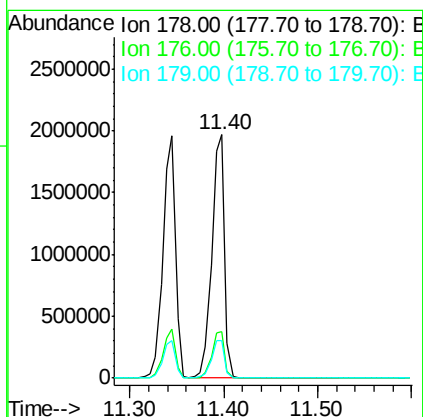
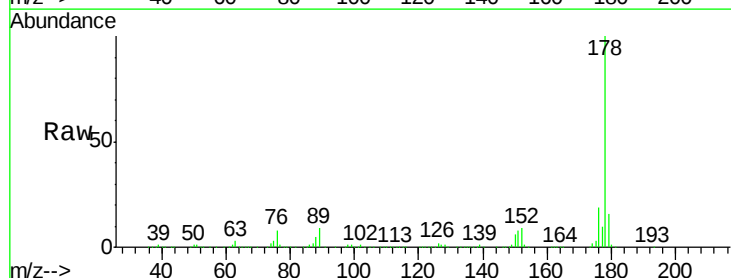
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2E-(7-9)MS

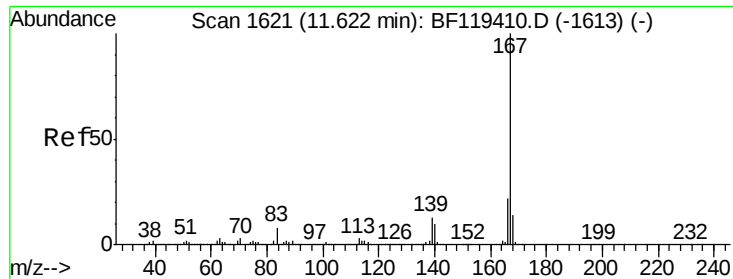
Tgt Ion:178 Resp: 1814525  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.2 24.4  
179 15.7 13.2 19.8



#72  
Anthracene  
Concen: 51.67 ng  
RT: 11.40 min Scan# 1583  
Delta R.T. 0.01 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

Tgt Ion:178 Resp: 1888267  
Ion Ratio Lower Upper  
178 100  
176 18.9 16.1 24.1  
179 15.6 13.0 19.4

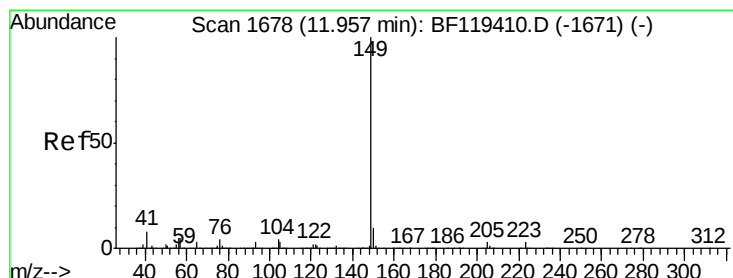
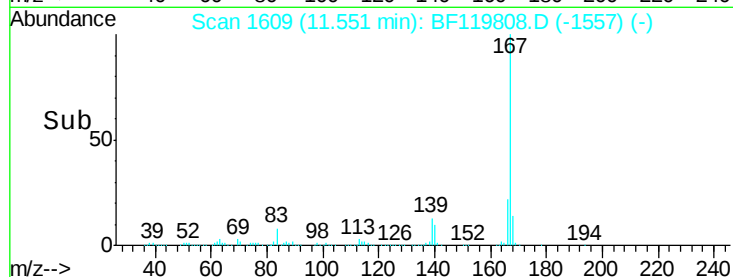
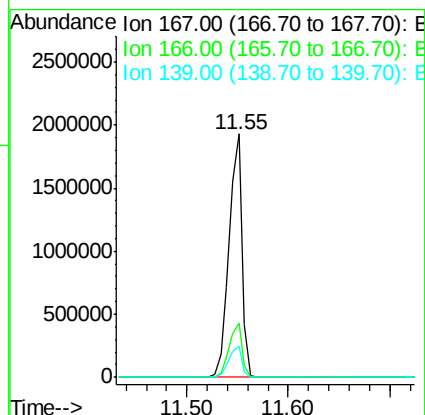
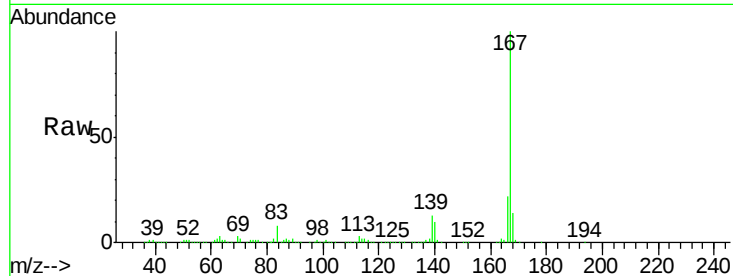




#73  
 Carbazole  
 Concen: 47.60 ng  
 RT: 11.55 min Scan# 1609  
 Delta R.T. 0.01 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

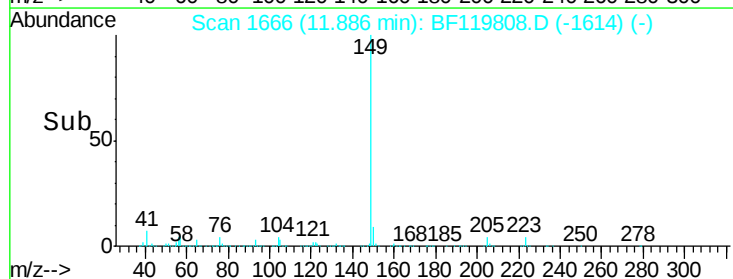
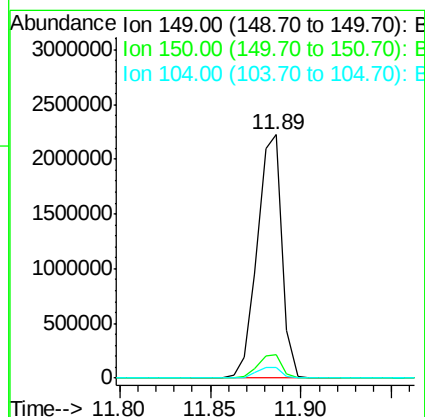
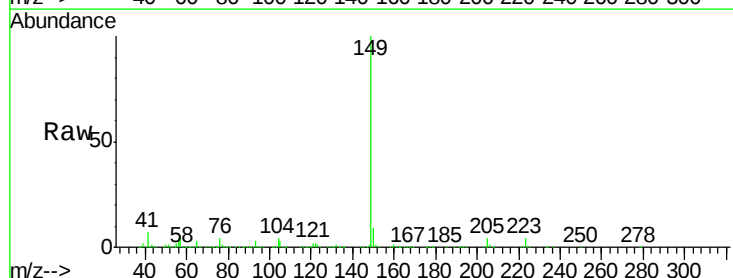
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

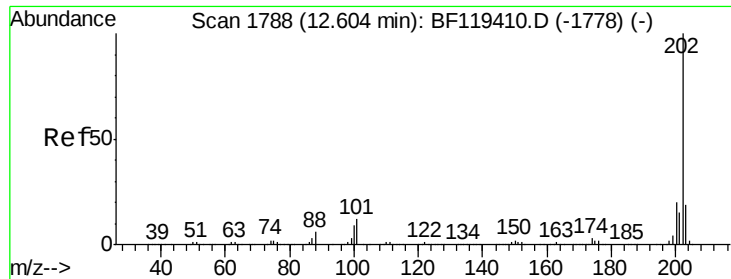
Tgt Ion:167 Resp: 1722112  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 18.2 27.4  
 139 12.9 10.7 16.1



#74  
 Di-n-butylphthalate  
 Concen: 54.38 ng  
 RT: 11.89 min Scan# 1666  
 Delta R.T. 0.01 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Tgt Ion:149 Resp: 2104509  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.8 11.8  
 104 4.3 3.6 5.4

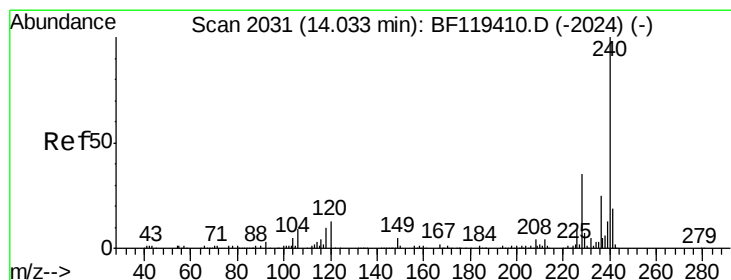
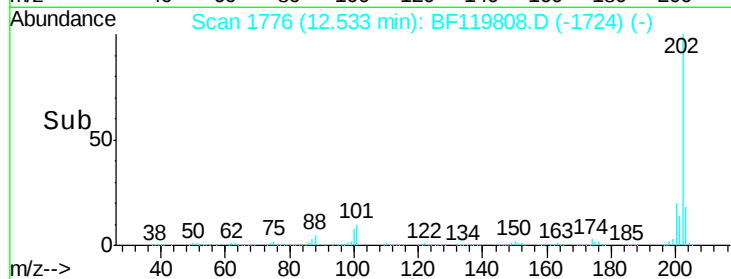
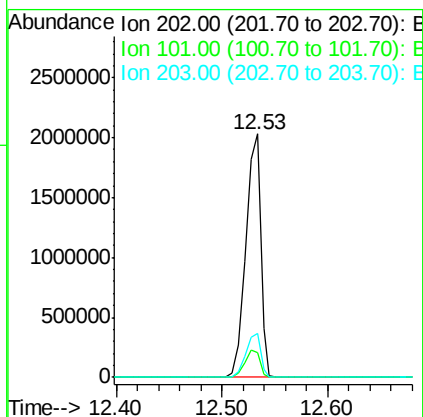
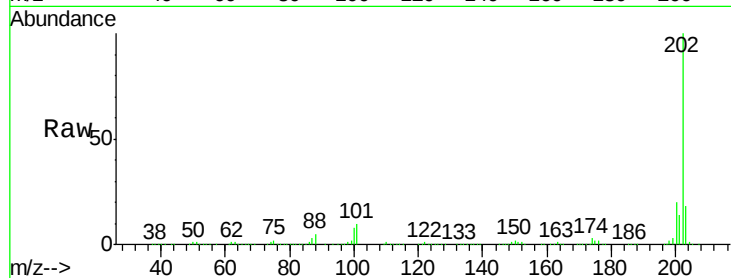




#75  
 Fluoranthene  
 Concen: 50.65 ng  
 RT: 12.53 min Scan# 1776  
 Delta R.T. 0.01 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

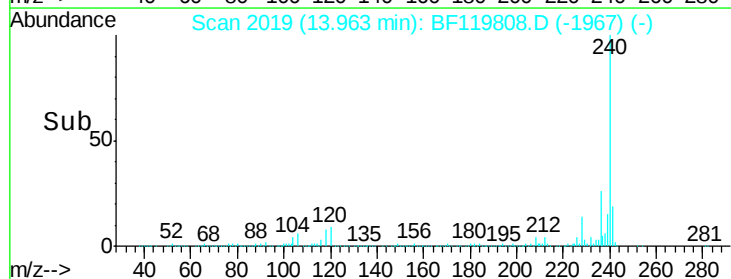
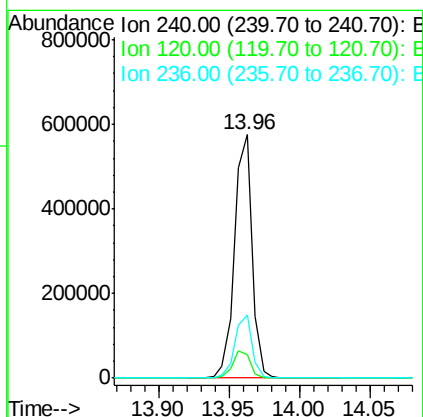
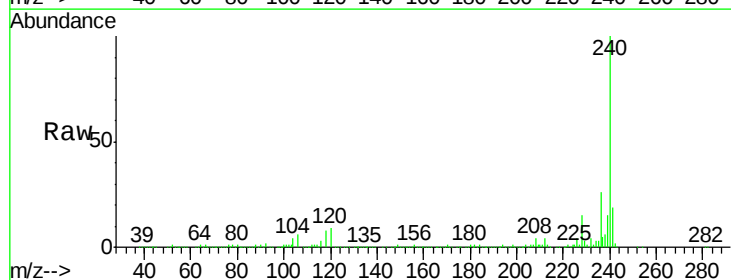
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-2E-(7-9)MS

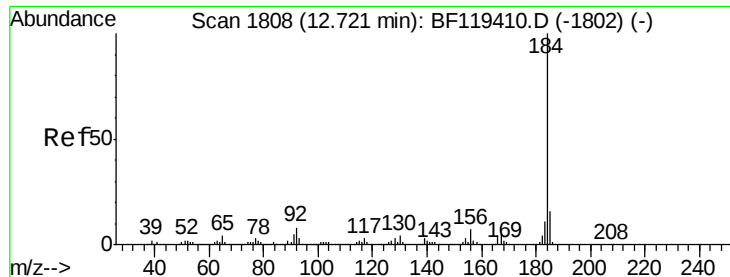
Tgt Ion: 202 Resp: 1971190  
 Ion Ratio Lower Upper  
 202 100  
 101 10.3 0.0 32.2  
 203 17.8 0.0 38.8



#76  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.96 min Scan# 2019  
 Delta R.T. 0.01 min  
 Lab File: BF119808.D  
 Acq: 7 Apr 2020 8:32

Tgt Ion: 240 Resp: 499595  
 Ion Ratio Lower Upper  
 240 100  
 120 9.4 10.6 15.8#  
 236 25.8 20.2 30.2





#77

Benzidine

Concen: 34.13 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

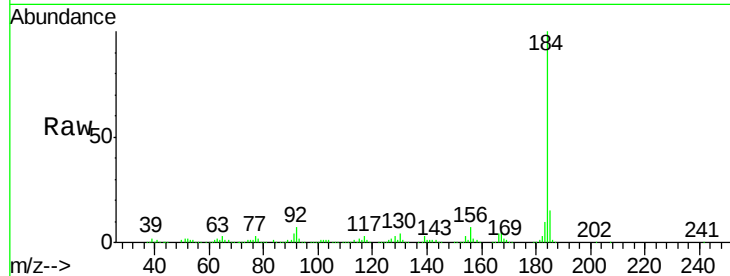
Tgt Ion:184 Resp: 721579

Ion Ratio Lower Upper

184 100

185 14.7 12.3 18.5

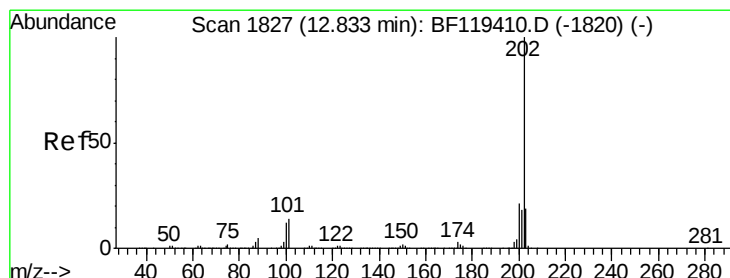
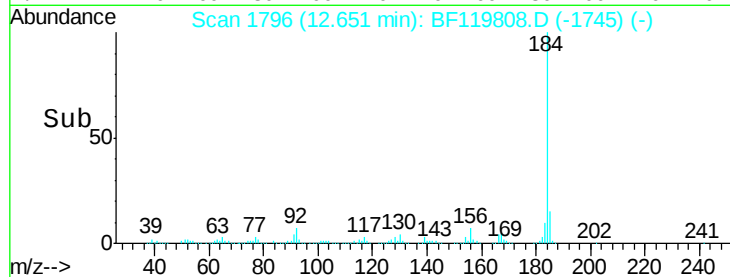
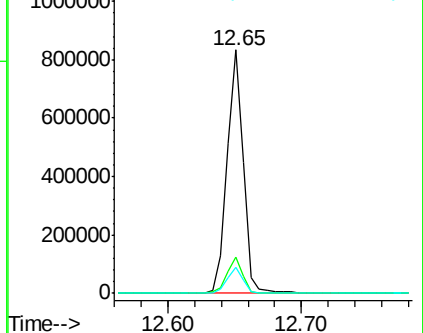
183 10.4 9.0 13.6



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: 48.06 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

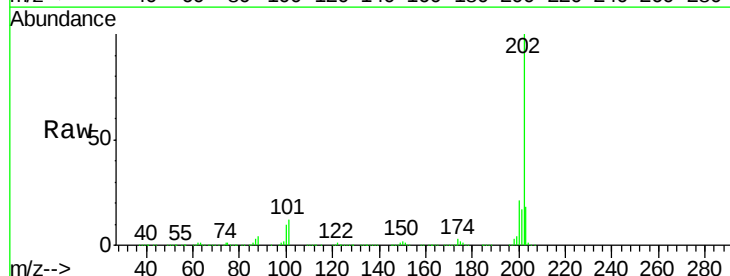
Tgt Ion:202 Resp: 1970695

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

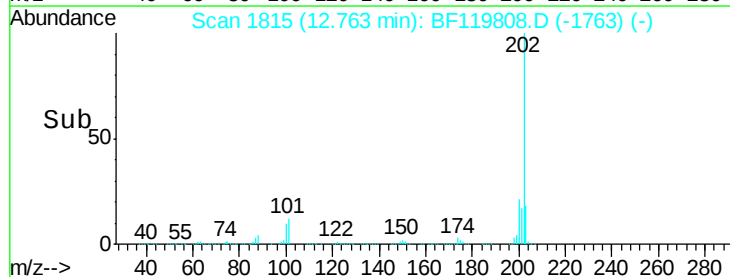
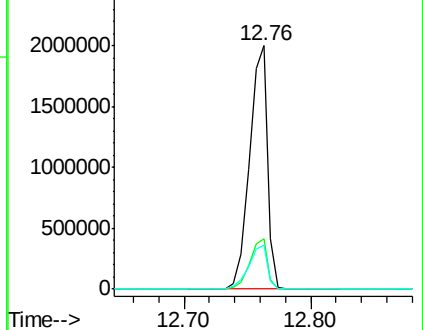
203 17.8 15.1 22.7



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: 88.37 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

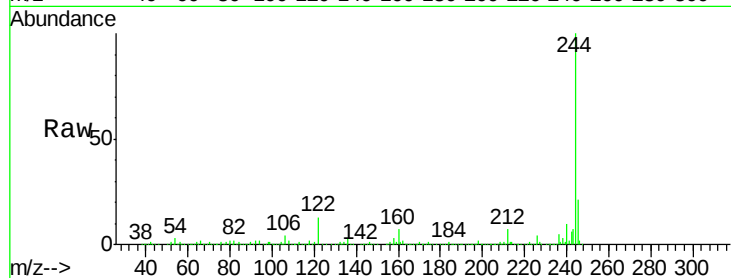
Tgt Ion:244 Resp: 2253482

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 12.6 10.3 15.5



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

12.90

2000000

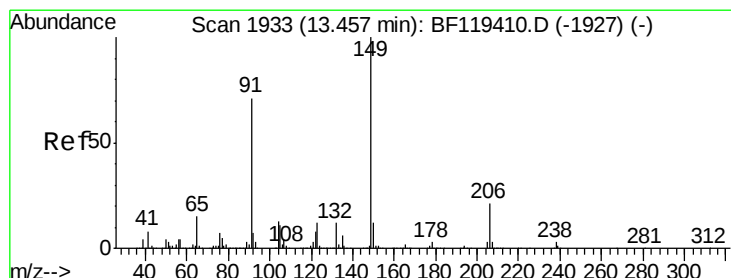
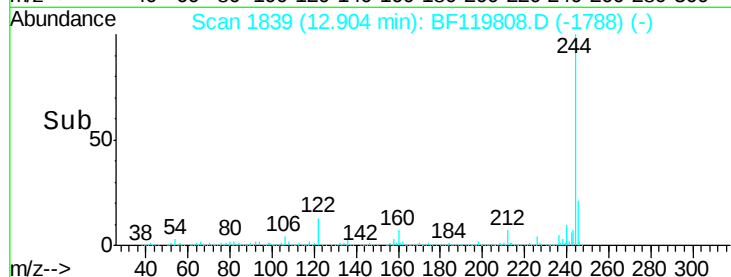
1500000

1000000

500000

0

Time--> 12.80 12.90 13.00



#80

Butylbenzylphthalate

Concen: 53.15 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

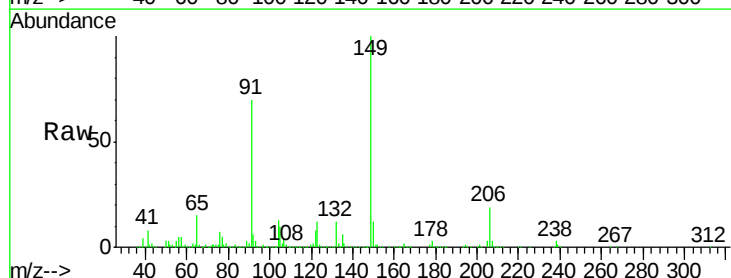
Tgt Ion:149 Resp: 881426

Ion Ratio Lower Upper

149 100

91 69.7 54.7 82.1

206 19.5 16.2 24.2



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

1200000

1000000

800000

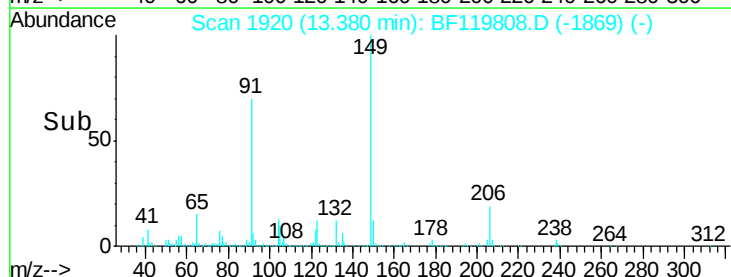
600000

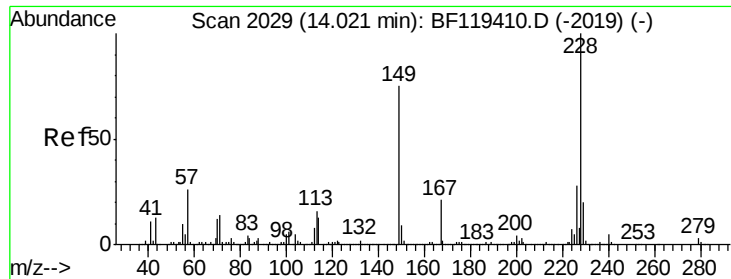
400000

200000

0

Time--> 13.35 13.40 13.45





#81

Benzo(a)anthracene

Concen: 49.17 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

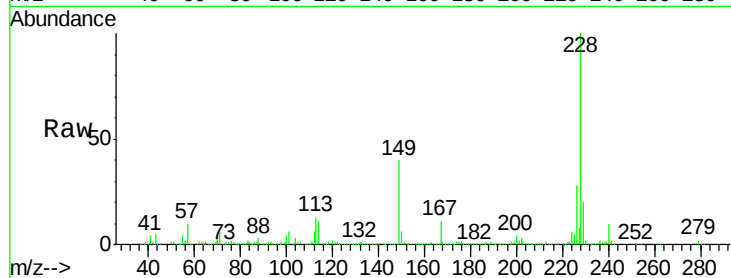
Tgt Ion:228 Resp: 1597423

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

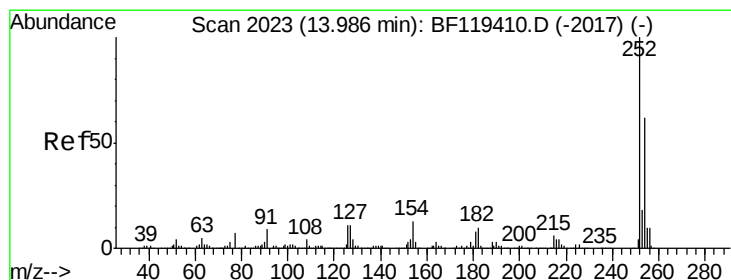
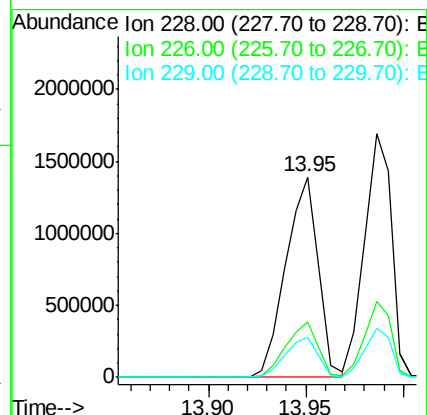
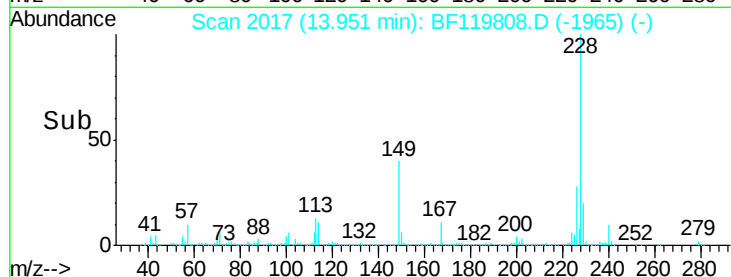
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.57 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

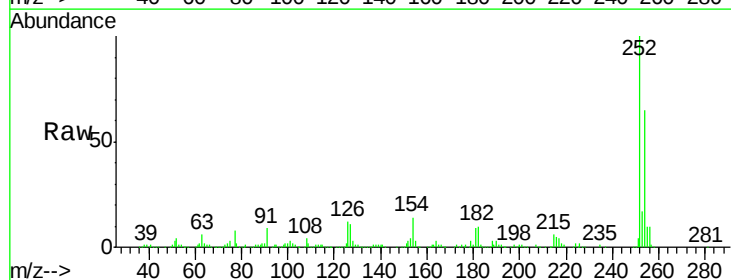
Tgt Ion:252 Resp: 365996

Ion Ratio Lower Upper

252 100

254 64.6 51.2 76.8

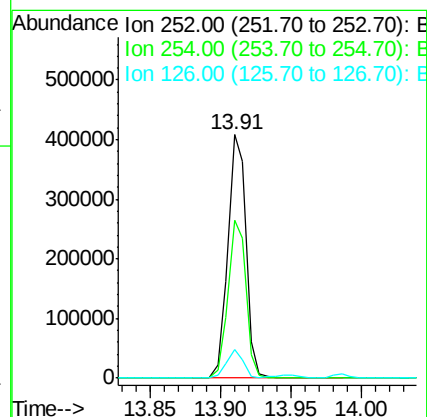
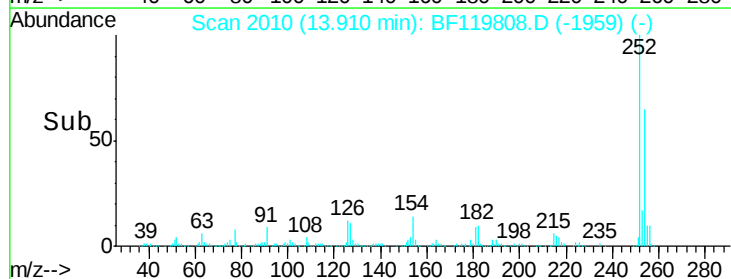
126 11.7 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.61 ng

RT: 13.99 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

Instrument :

BNA\_F

ClientSampleId :

SB-2E-(7-9)MS

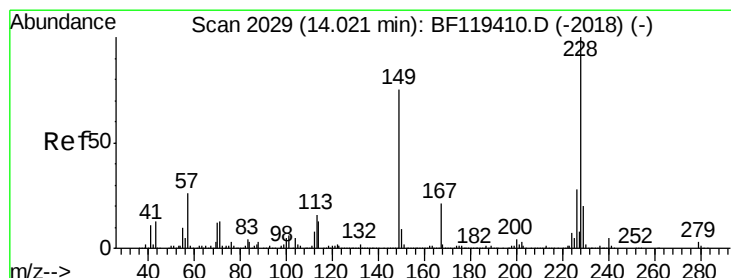
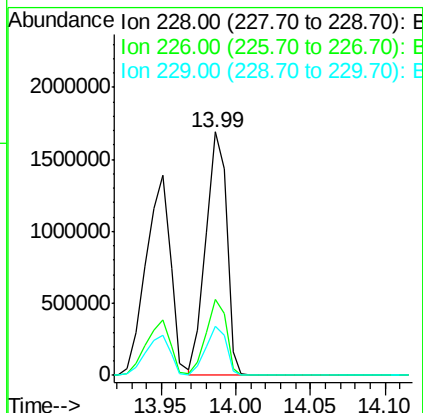
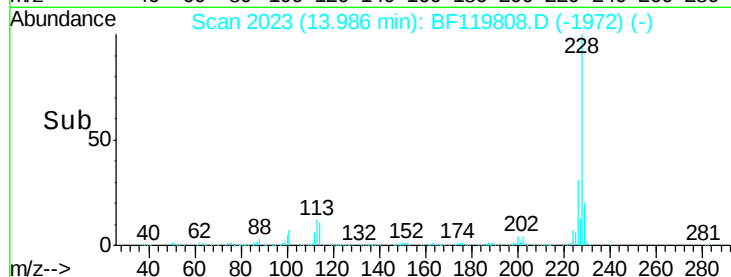
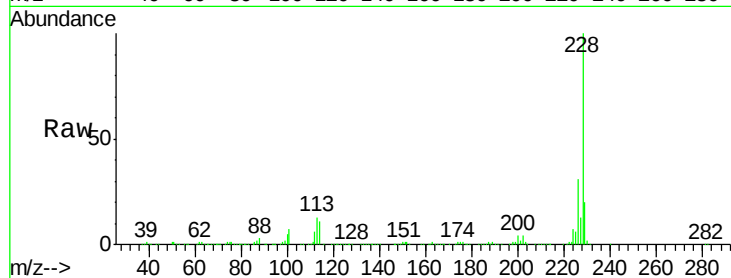
Tgt Ion:228 Resp: 1629674

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

229 20.4 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.64 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF119808.D

Acq: 7 Apr 2020 8:32

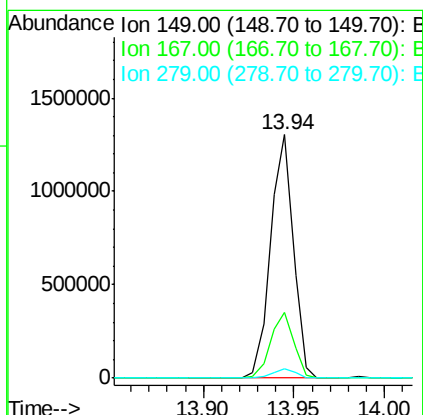
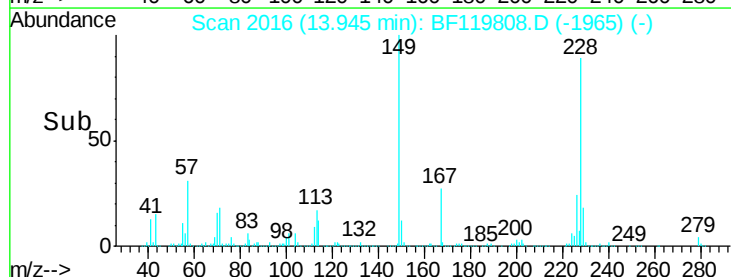
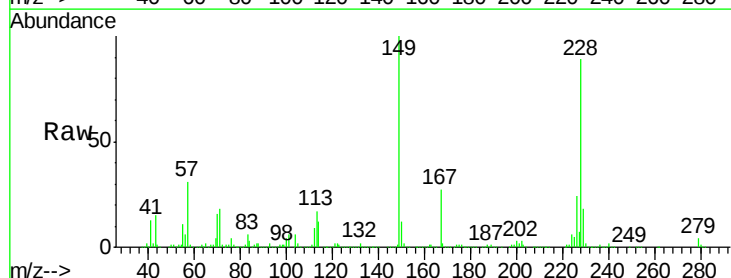
Tgt Ion:149 Resp: 1139469

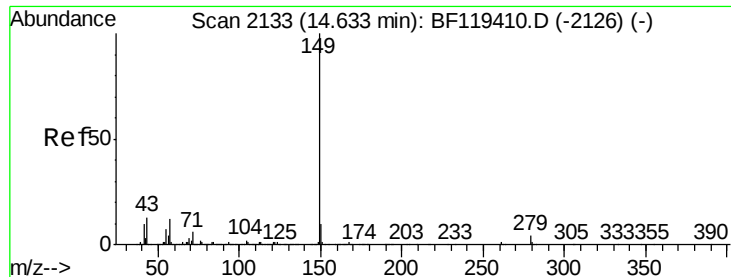
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 3.9 2.7 4.1

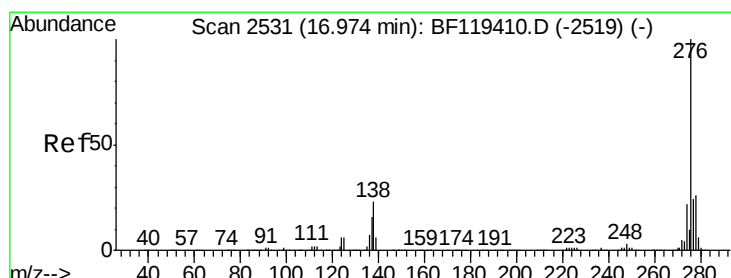
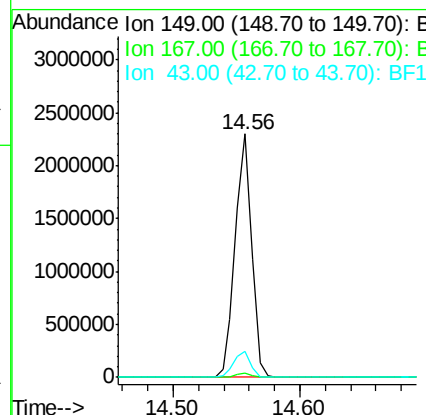
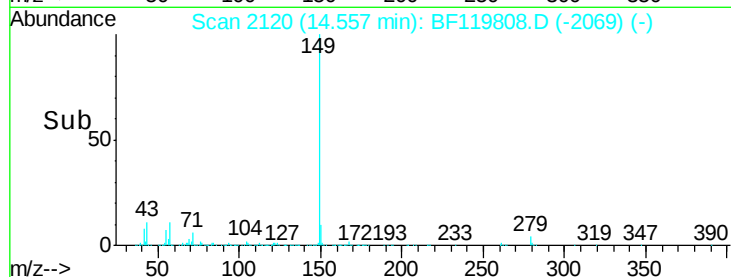
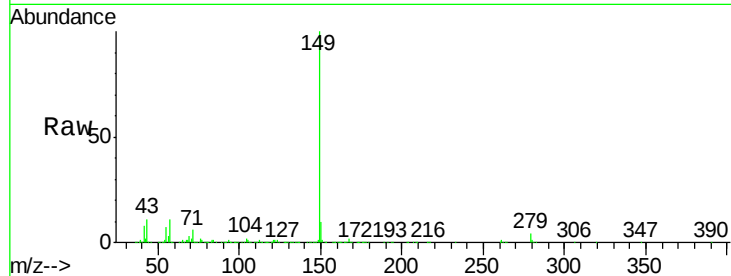




#85  
Di-n-octyl phthalate  
Concen: 58.92 ng  
RT: 14.56 min Scan# 2120  
Delta R.T. 0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

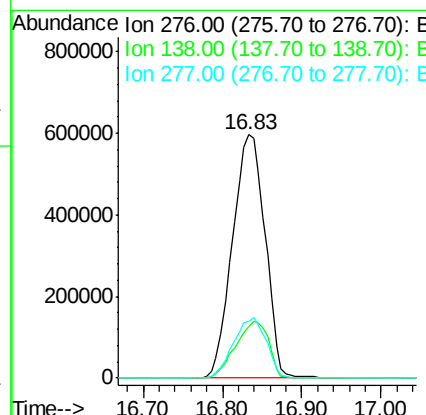
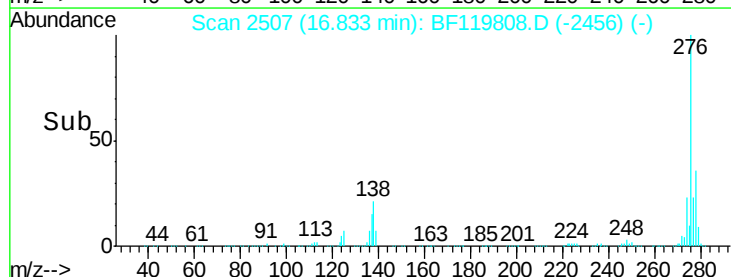
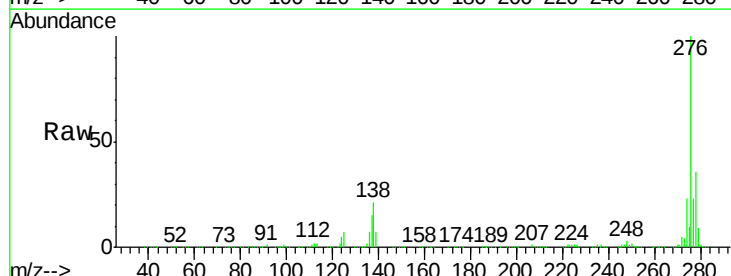
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2E-(7-9)MS

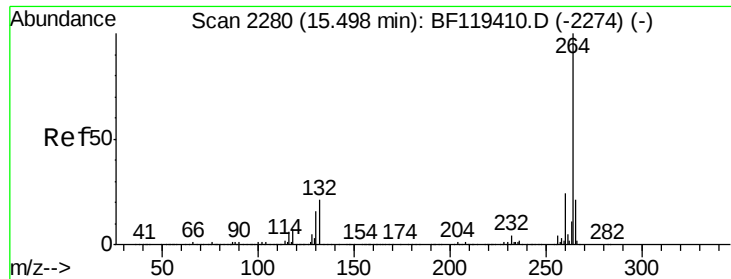
Tgt Ion:149 Resp: 2048457  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 10.9 9.3 13.9



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 53.87 ng  
RT: 16.83 min Scan# 2507  
Delta R.T. -0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

Tgt Ion:276 Resp: 1701226  
Ion Ratio Lower Upper  
276 100  
138 23.8 19.6 29.4  
277 25.2 20.0 30.0

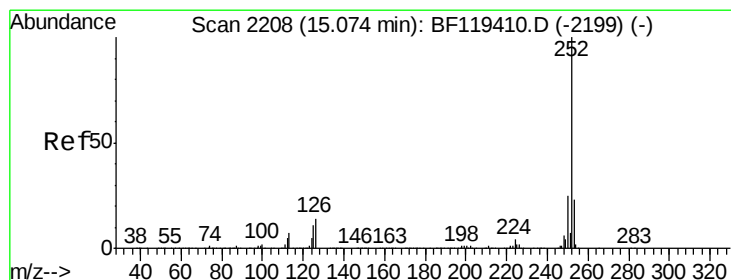
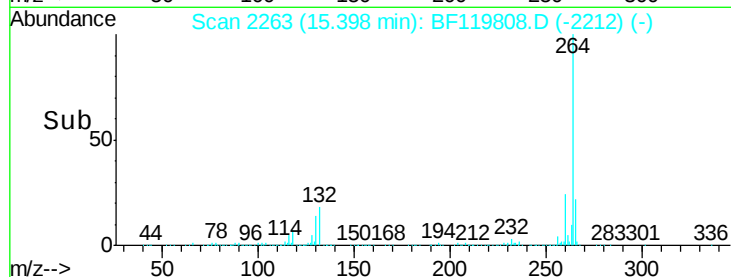
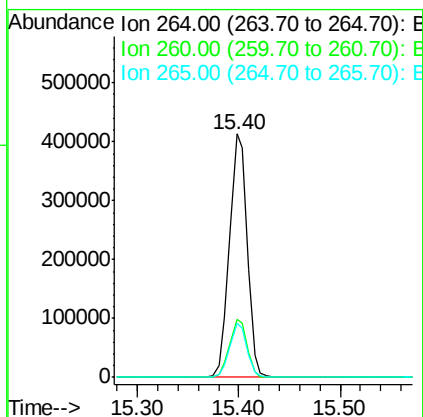
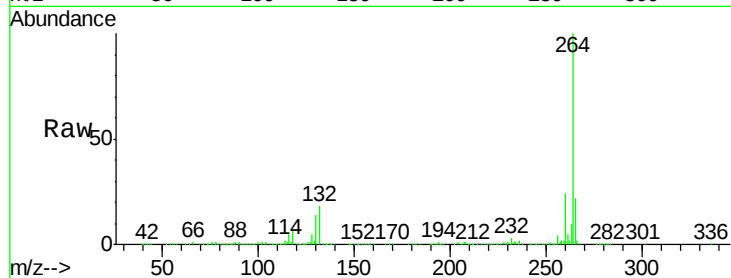




#87  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.40 min Scan# 2263  
Delta R.T. -0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

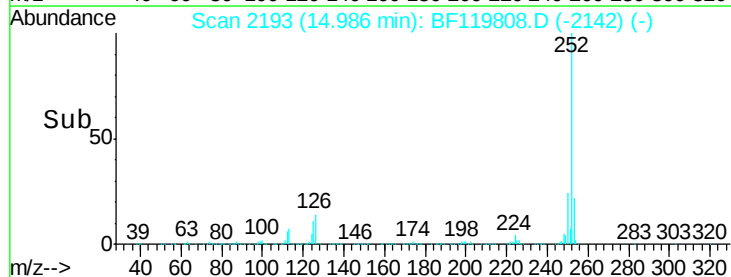
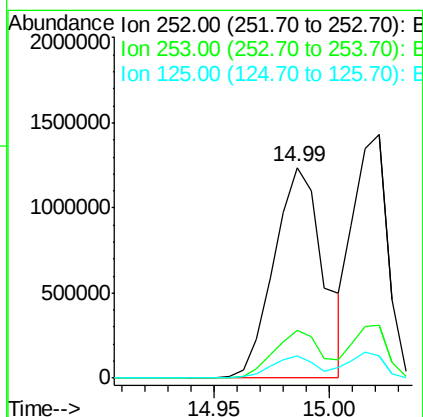
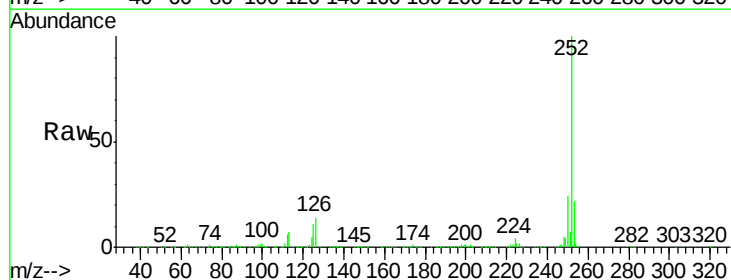
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2E-(7-9)MS

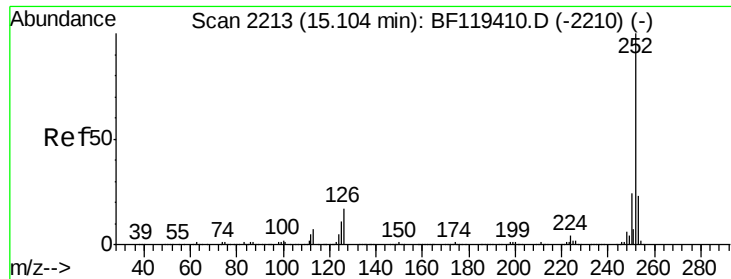
Tgt Ion: 264 Resp: 505122  
Ion Ratio Lower Upper  
264 100  
260 24.1 18.7 28.1  
265 22.2 17.7 26.5



#88  
Benzo(b)fluoranthene  
Concen: 54.61 ng  
RT: 14.99 min Scan# 2193  
Delta R.T. 0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

Tgt Ion: 252 Resp: 1842662  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.0  
125 10.5 7.9 11.9

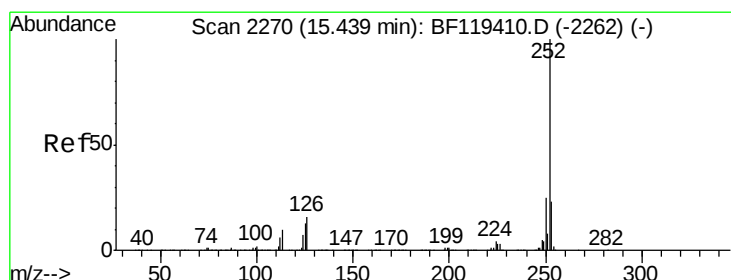
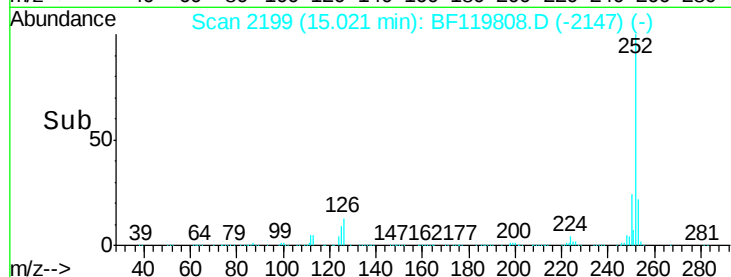
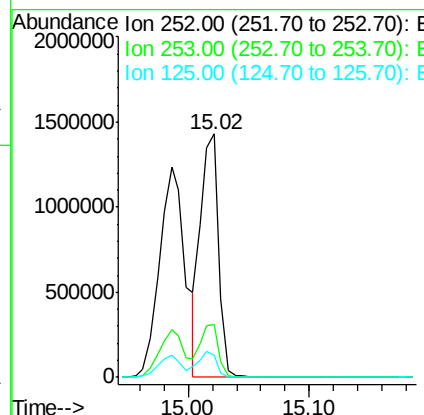
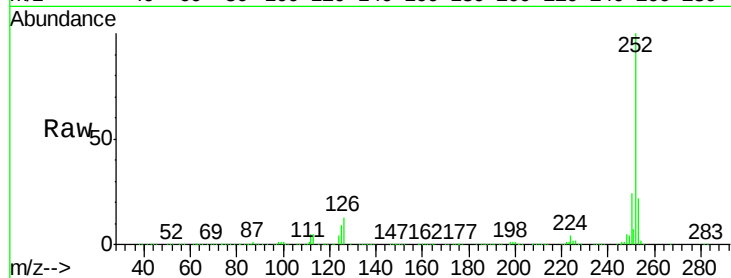




#89  
Benzo(k)fluoranthene  
Concen: 46.33 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. 0.01 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

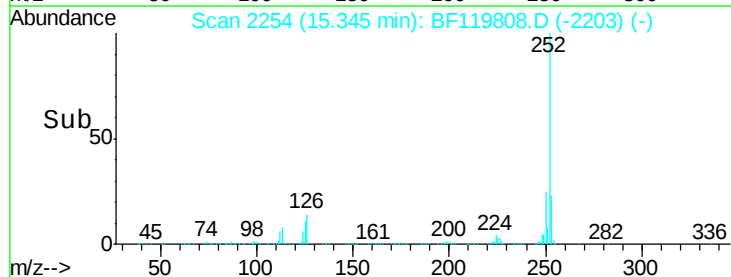
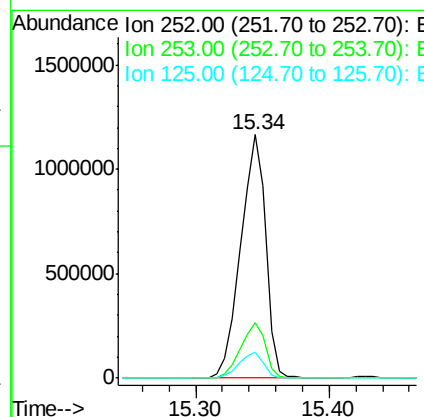
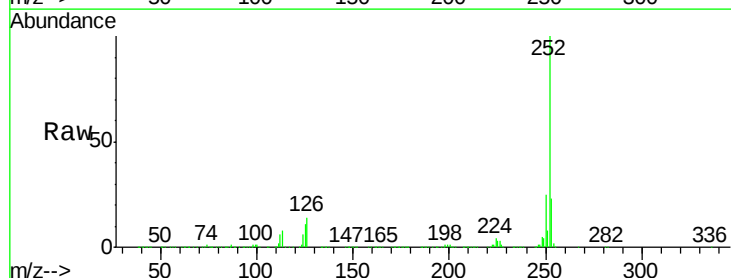
Instrument :  
BNA\_F  
ClientSampleId :  
SB-2E-(7-9)MS

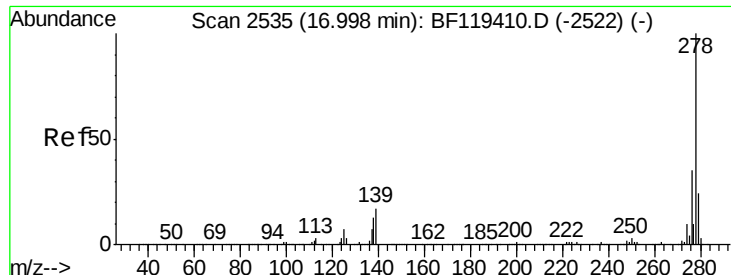
Tgt Ion:252 Resp: 1488691  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.6  
125 9.1 8.4 12.6



#90  
Benzo(a)pyrene  
Concen: 49.39 ng  
RT: 15.34 min Scan# 2254  
Delta R.T. 0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

Tgt Ion:252 Resp: 1514390  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.2 27.2  
125 10.8 9.4 14.2



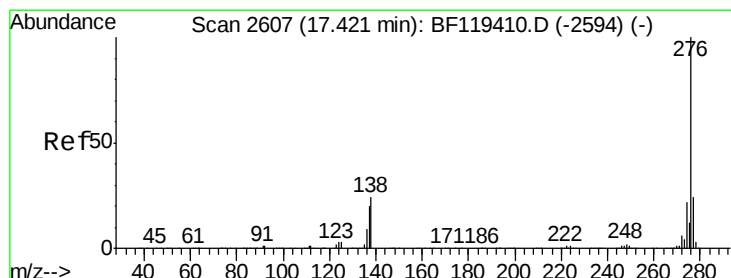
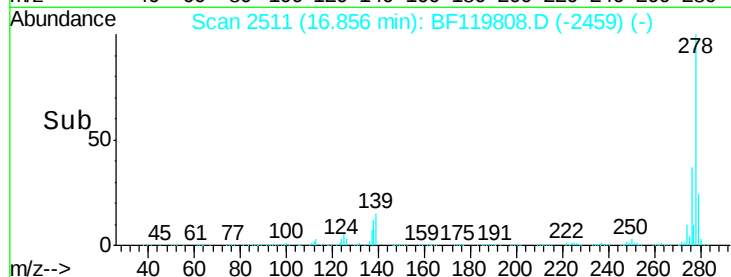
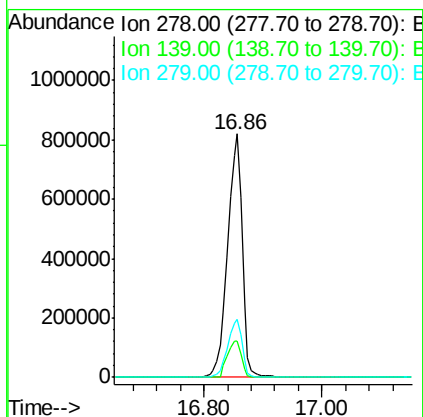
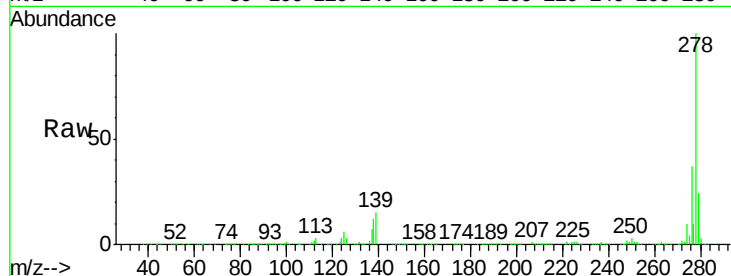


#91  
Dibenzo(a,h)anthracene  
Concen: 52.77 ng  
RT: 16.86 min Scan# 2511  
Delta R.T. 0.01 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

Instrument :  
BNA\_F  
ClientSampleId :  
SB-2E-(7-9)MS

Tgt Ion: 278 Resp: 1415218  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.8  | 12.6  | 19.0  |
| 279 | 23.7  | 19.0  | 28.6  |



#92  
Benzo(g,h,i)perylene  
Concen: 51.48 ng  
RT: 17.27 min Scan# 2581  
Delta R.T. -0.00 min  
Lab File: BF119808.D  
Acq: 7 Apr 2020 8:32

Tgt Ion: 276 Resp: 1387128  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.4  | 18.4  | 27.6  |
| 138 | 21.2  | 15.4  | 23.0  |

