

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\  
 Data File : BF117127.D  
 Acq On : 18 Sep 2019 00:23  
 Operator : HP/JU  
 Sample : K4923-06MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-47-COMPMSD

Quant Time: Sep 18 03:55:38 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 16:23:17 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 66748    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 268047   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 137217   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 235954   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 167269   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.41 | 264  | 153700   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.45  | 112 | 474742 | 111.04 | ng | 0.01 |
| 7) Phenol-d6             | 6.47  | 99  | 657204 | 118.95 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.39  | 82  | 400404 | 78.49  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 141482 | 123.37 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 711412 | 81.06  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.91 | 244 | 737315 | 82.39  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.60 | 88  | 65102  | 36.390 | ng | 98     |
| 3) Pyridine                    | 3.36 | 79  | 153383 | 31.324 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.29 | 42  | 62453  | 37.165 | ng | 100    |
| 6) Aniline                     | 6.49 | 93  | 133979 | 18.834 | ng | # 86   |
| 8) 2-Chlorophenol              | 6.62 | 128 | 191585 | 41.539 | ng | 95     |
| 9) Benzaldehyde                | 6.37 | 77  | 112027 | 40.757 | ng | 95     |
| 10) Phenol                     | 6.48 | 94  | 248906 | 40.864 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 178601 | 39.895 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 197824 | 38.223 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.84 | 146 | 204580 | 38.734 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 193513 | 39.352 | ng | 96     |
| 15) Benzyl Alcohol             | 6.97 | 79  | 175349 | 41.385 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45  | 167993 | 37.983 | ng | 95     |
| 17) 2-Methylphenol             | 7.08 | 107 | 157045 | 40.628 | ng | 96     |
| 18) Hexachloroethane           | 7.33 | 117 | 77440  | 38.113 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 136997 | 40.719 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.23 | 107 | 208787 | 43.363 | ng | 96     |
| 22) Acetophenone               | 7.23 | 105 | 281527 | 41.339 | ng | # 97   |
| 24) Nitrobenzene               | 7.40 | 77  | 211574 | 41.996 | ng | 98     |
| 25) Isophorone                 | 7.65 | 82  | 374266 | 41.435 | ng | 98     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 98903  | 45.704 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 165172 | 48.132 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 227520 | 40.883 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 157590 | 43.827 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180 | 156444 | 40.272 | ng | 99     |
| 31) Naphthalene                | 8.13 | 128 | 554023 | 42.976 | ng | 99     |
| 32) Benzoic acid               | 7.87 | 122 | 59011  | 26.239 | ng | 96     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 39893  | 6.977  | ng | 99     |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 87959  | 39.909 | ng | 97     |
| 35) Caprolactam                | 8.54 | 113 | 35127  | 28.862 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 181323 | 43.248 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 375065 | 43.205 | ng | 97     |
| 38) 1-Methylnaphthalene        | 8.91 | 142 | 354582 | 43.612 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 145806 | 41.150 | ng | 99     |

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 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

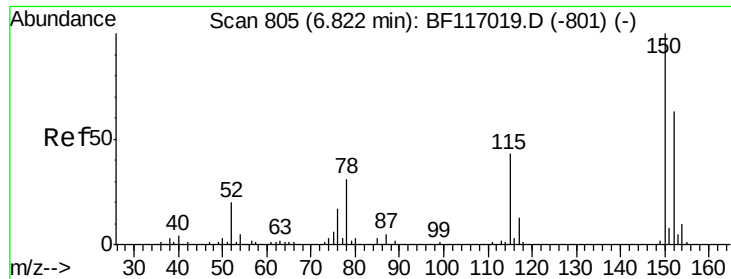
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-47-COMPMSD

Quant Time: Sep 18 03:55:38 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 16:23:17 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 118518   | 76.095 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.10  | 196  | 99603    | 41.422 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.14  | 196  | 107318   | 41.773 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 446207   | 41.456 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 353520   | 41.617 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.40  | 65   | 112960   | 41.459 | ng    | 97       |
| 49) Acenaphthylene             | 9.72  | 152  | 552709   | 43.434 | ng    | 100      |
| 50) Dimethylphthalate          | 9.57  | 163  | 478994   | 49.301 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.64  | 165  | 91524    | 46.253 | ng    | 99       |
| 52) Acenaphthene               | 9.89  | 154  | 317717   | 42.119 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.80  | 138  | 47743    | 19.123 | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 9.92  | 184  | 45695    | 56.520 | ng    | 96       |
| 55) Dibenzofuran               | 10.06 | 168  | 489059   | 43.942 | ng    | 98       |
| 56) 4-Nitrophenol              | 9.98  | 139  | 123631   | 76.406 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.05 | 165  | 124439   | 48.447 | ng    | 95       |
| 58) Fluorene                   | 10.40 | 166  | 400192   | 44.638 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.18 | 232  | 83867    | 42.659 | ng    | 99       |
| 60) Diethylphthalate           | 10.27 | 149  | 414177   | 43.331 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 169234   | 43.628 | ng    | 94       |
| 62) 4-Nitroaniline             | 10.42 | 138  | 108738   | 41.881 | ng    | 98       |
| 63) Azobenzene                 | 10.55 | 77   | 420679   | 43.092 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 42199    | 40.509 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 10.51 | 169  | 344073   | 42.223 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.87 | 248  | 102434   | 42.510 | ng    | 94       |
| 68) Hexachlorobenzene          | 10.95 | 284  | 106460   | 40.393 | ng    | 94       |
| 69) Atrazine                   | 11.03 | 200  | 100451   | 51.504 | ng    | 97       |
| 70) Pentachlorophenol          | 11.15 | 266  | 90073    | 72.909 | ng    | 98       |
| 71) Phenanthrene               | 11.36 | 178  | 570423   | 42.562 | ng    | 99       |
| 72) Anthracene                 | 11.41 | 178  | 605188   | 44.231 | ng    | 98       |
| 73) Carbazole                  | 11.57 | 167  | 562882   | 43.340 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 677310   | 43.832 | ng    | 100      |
| 75) Fluoranthene               | 12.55 | 202  | 588966   | 42.770 | ng    | 98       |
| 77) Benzidine                  | 12.66 | 184  | 193960   | 35.997 | ng    | 99       |
| 78) Pyrene                     | 12.77 | 202  | 603625   | 43.008 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.38 | 149  | 289260   | 43.617 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 465133   | 41.621 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 78502    | 21.799 | ng    | 100      |
| 83) Chrysene                   | 14.00 | 228  | 466875   | 42.834 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 391872   | 45.829 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.54 | 149  | 651481   | 48.407 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.86 | 276  | 381204   | 47.938 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 391017   | 41.999 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 371418   | 42.114 | ng    | 97       |
| 90) Benzo(a)pyrene             | 15.35 | 252  | 360893   | 44.174 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.86 | 278  | 318135   | 48.881 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.29 | 276  | 314374   | 48.473 | ng    | 97       |

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



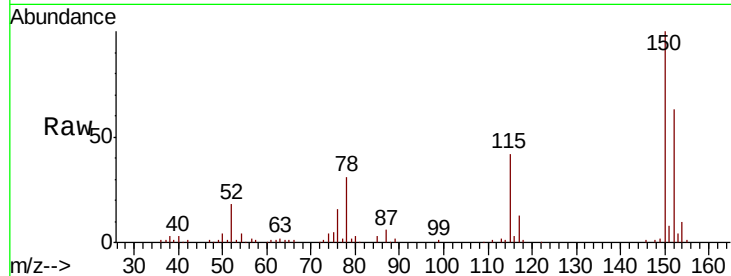


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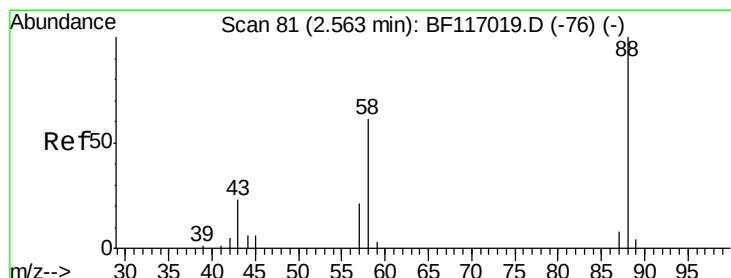
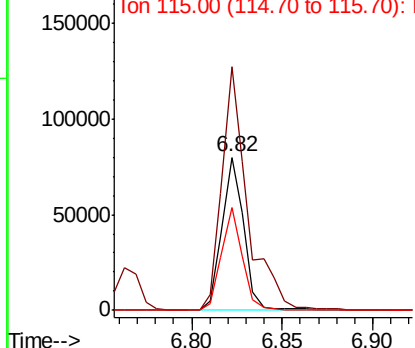
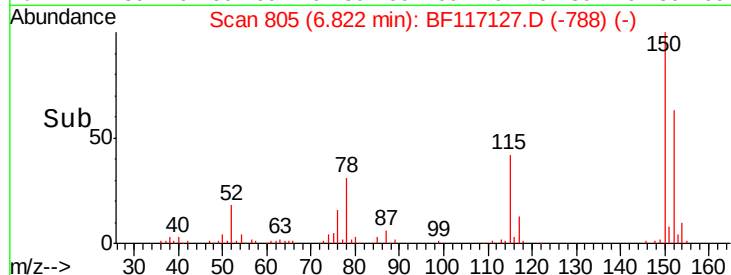
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 805  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Instrument :  
BNA\_F  
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SB-47-COMPMSD

Tot Ion:152 Resp: 66748  
Ion Ratio Lower Upper  
152 100  
150 159.0 127.5 191.3  
115 67.0 55.0 82.4



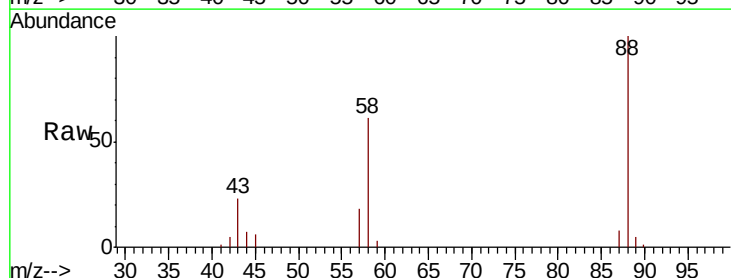
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



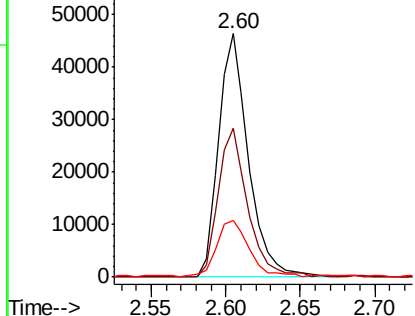
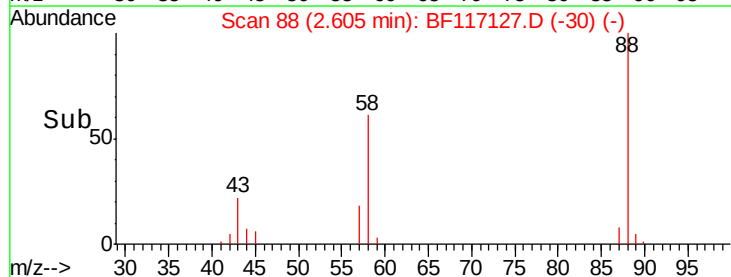
#2

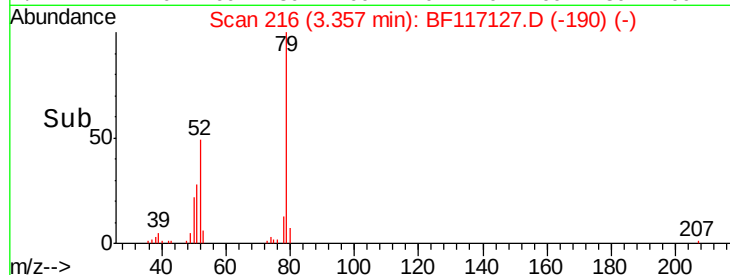
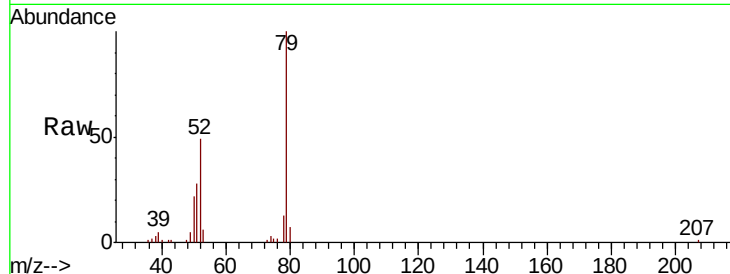
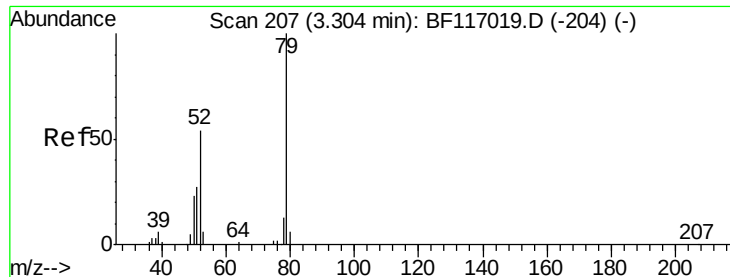
1,4-Dioxane  
Concen: 36.390 ng  
RT: 2.60 min Scan# 88  
Delta R.T. 0.04 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Tgt Ion: 88 Resp: 65102  
Ion Ratio Lower Upper  
88 100  
58 60.3 49.3 73.9  
43 25.4 18.8 28.2



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

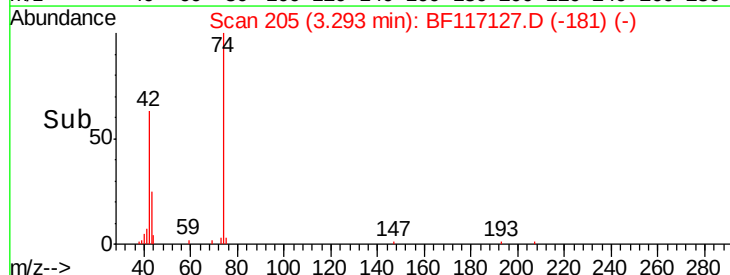
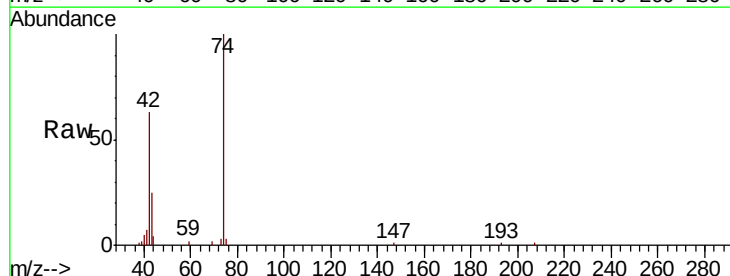
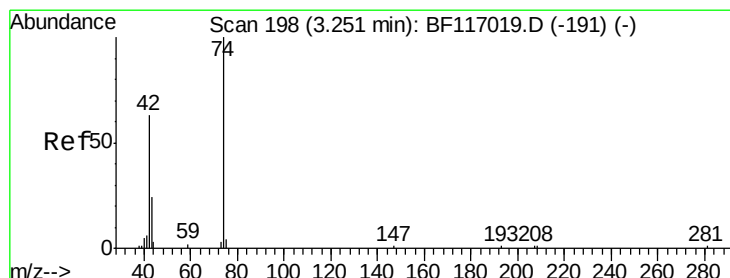
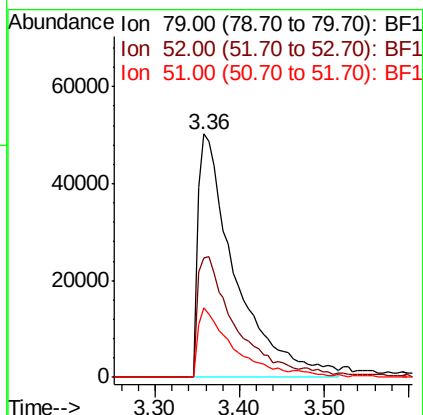




#3  
Pvridine  
Concen: 31.324 ng  
RT: 3.36 min Scan# 216  
Delta R.T. 0.05 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

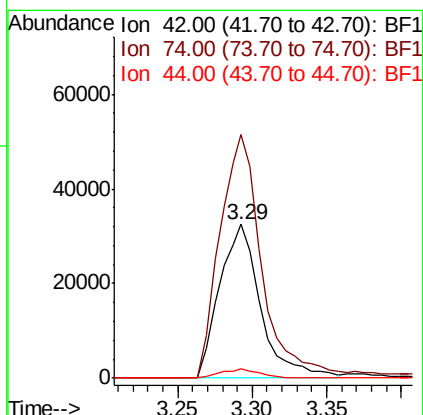
Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

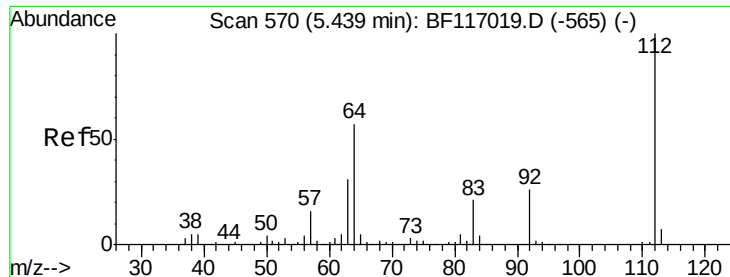
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 48.8  | 43.5  | 65.3  |
| 51      | 28.4  | 21.8  | 32.6  |



#4  
n-Nitrosodimethylamine  
Concen: 37.165 ng  
RT: 3.29 min Scan# 205  
Delta R.T. 0.04 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 158.4 | 127.1 | 190.7 |
| 44      | 6.2   | 4.3   | 6.5   |





#5

2-Fluorophenol

Concen: 111.043 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

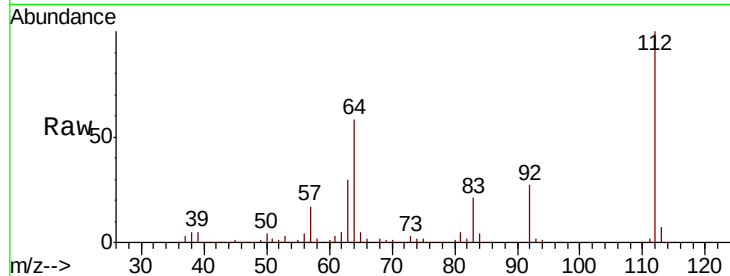
Tot Ion:112 Resp: 474742

Ion Ratio Lower Upper

112 100

64 58.5 45.7 68.5

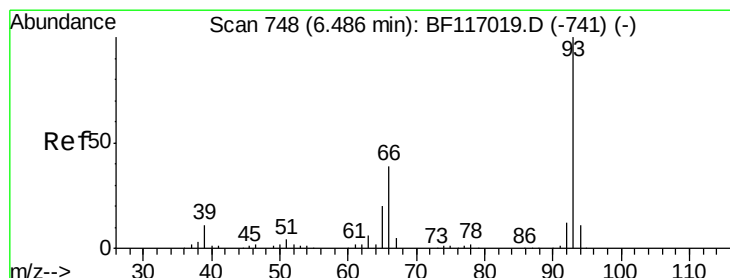
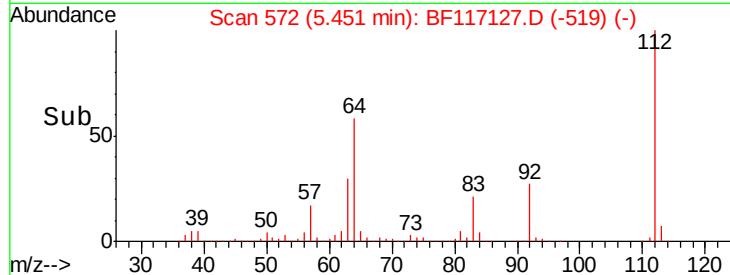
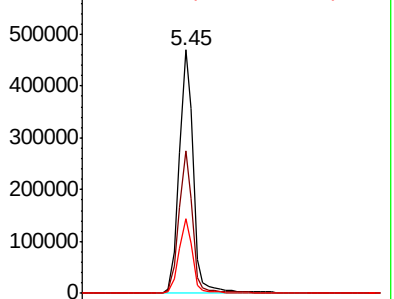
63 30.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.834 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

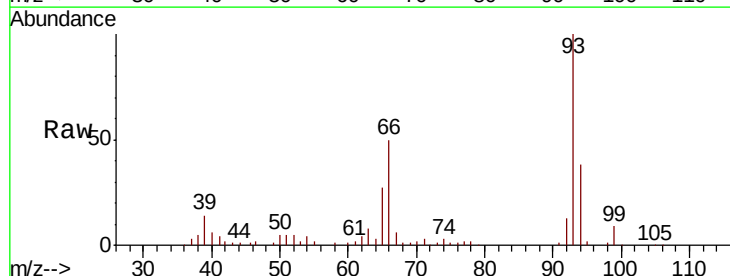
Tgt Ion: 93 Resp: 133979

Ion Ratio Lower Upper

93 100

66 49.8 32.6 49.0#

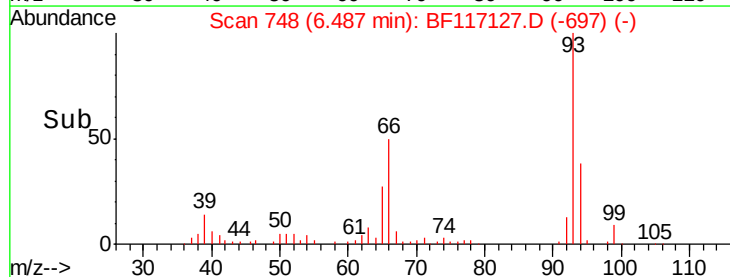
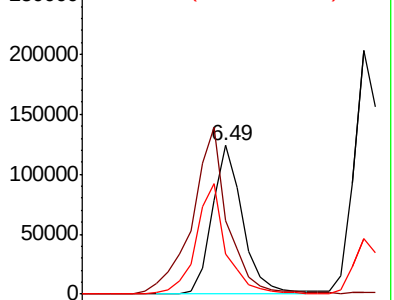
65 27.2 16.7 25.1#

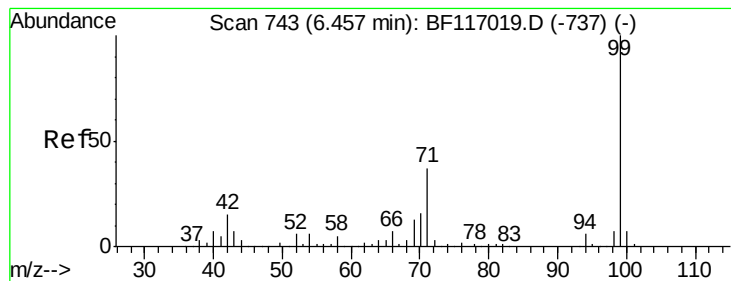


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.946 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

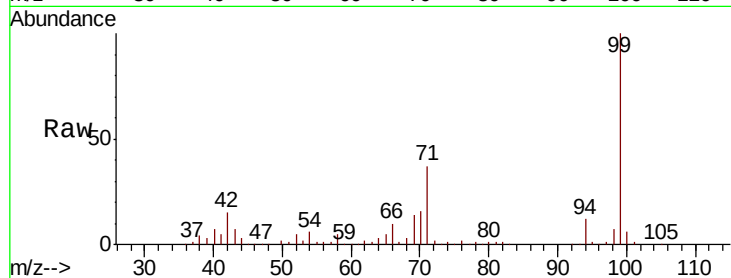
Tot Ion: 99 Resp: 657204

Ion Ratio Lower Upper

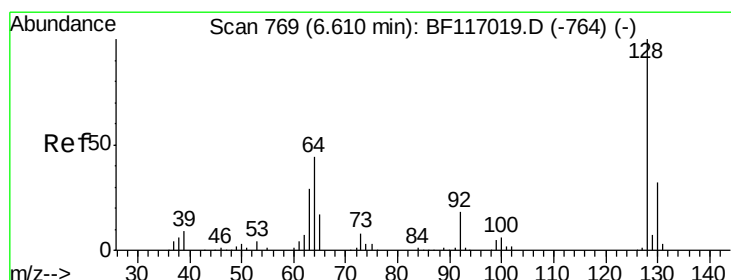
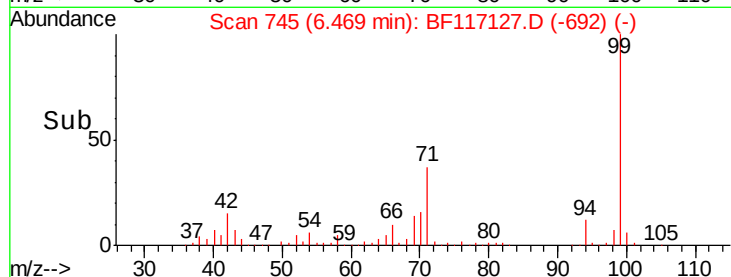
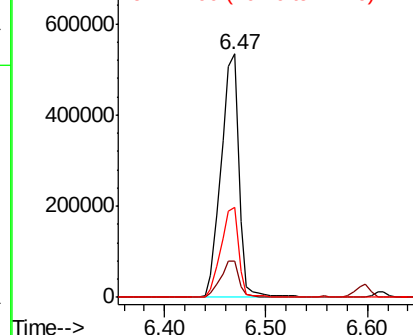
99 100

42 15.1 12.2 18.2

71 36.8 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.539 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

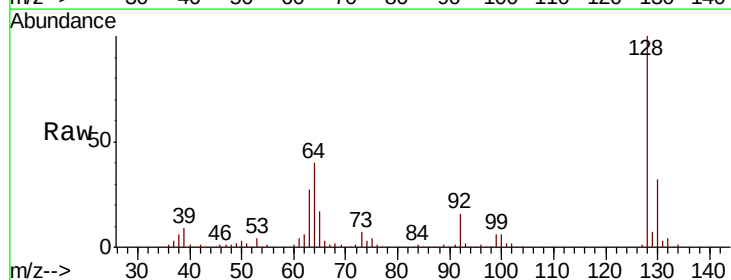
Tgt Ion: 128 Resp: 191585

Ion Ratio Lower Upper

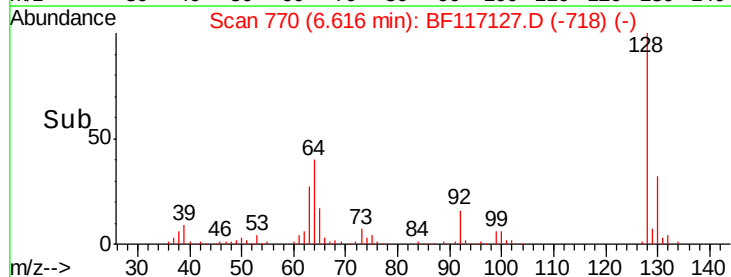
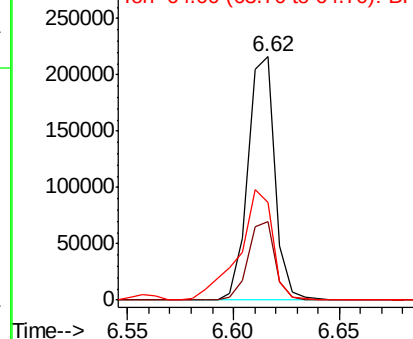
128 100

130 32.1 11.8 51.8

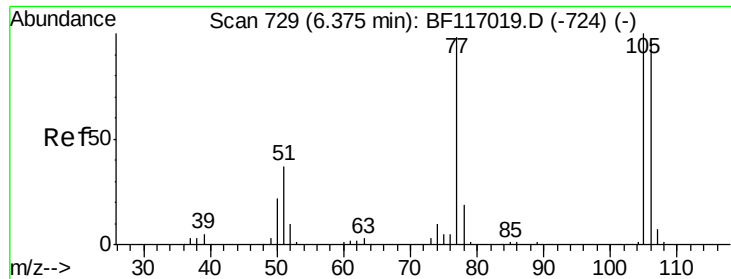
64 40.2 25.0 65.0



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 40.757 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

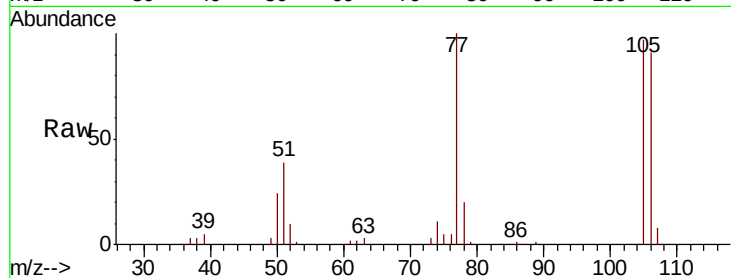
Tot Ion: 77 Resp: 112027

Ion Ratio Lower Upper

77 100

105 97.5 81.8 121.8

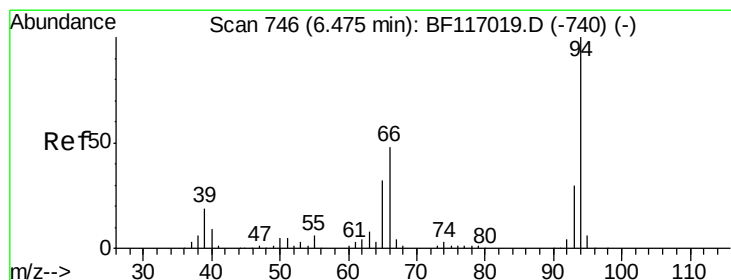
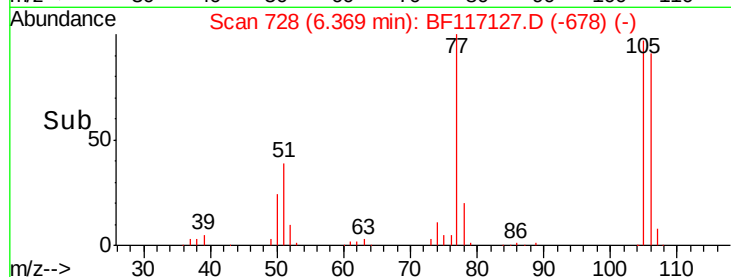
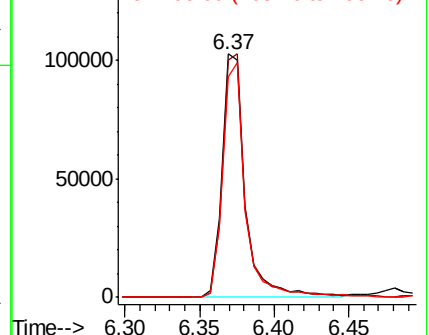
106 90.6 77.3 117.3



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: 40.864 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

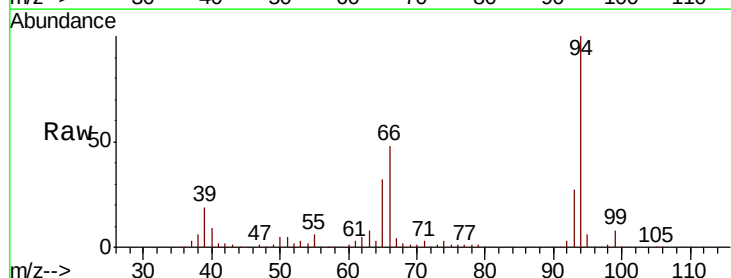
Tgt Ion: 94 Resp: 248906

Ion Ratio Lower Upper

94 100

65 31.5 12.5 52.5

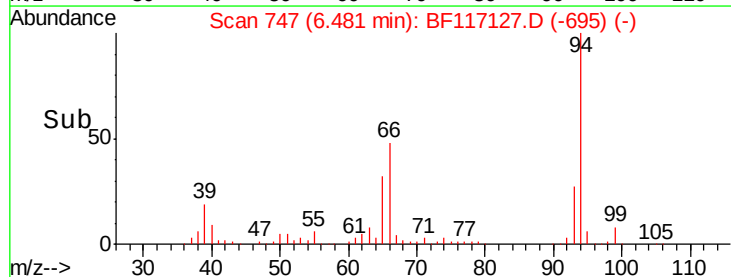
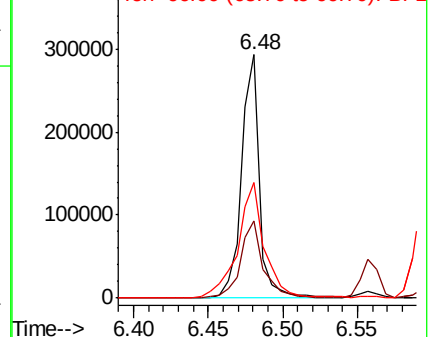
66 47.6 28.9 68.9



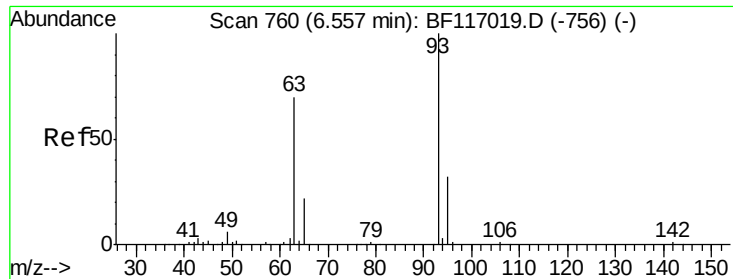
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 39.895 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

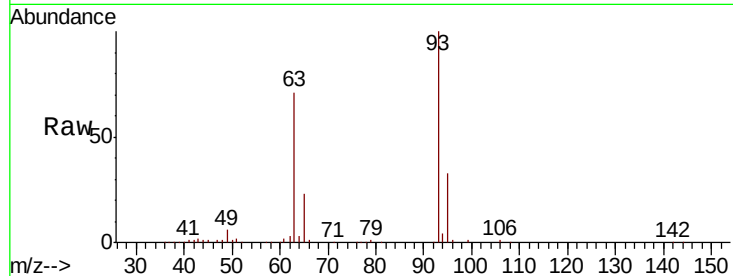
Tot Ion: 93 Resp: 178601

Ion Ratio Lower Upper

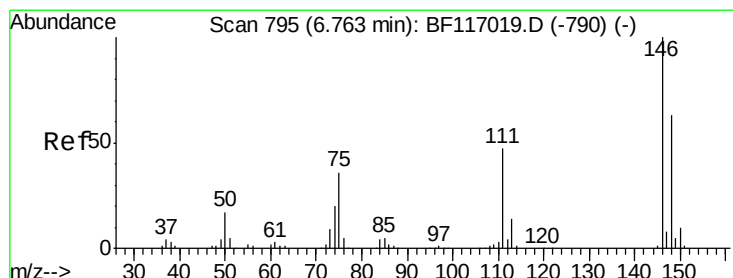
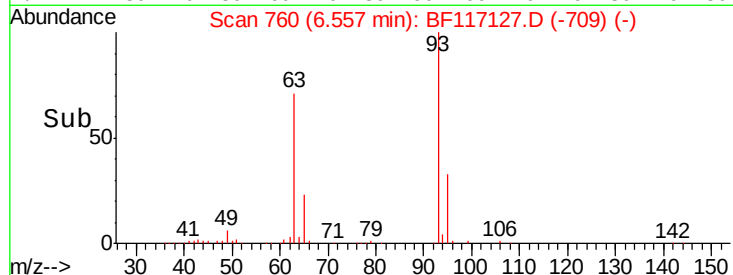
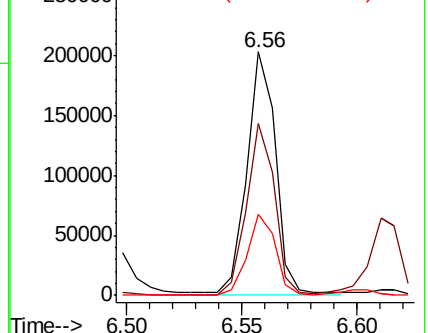
93 100

63 70.6 49.3 89.3

95 33.5 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.223 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

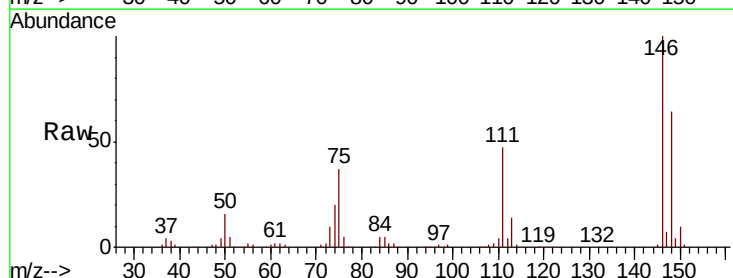
Tgt Ion: 146 Resp: 197824

Ion Ratio Lower Upper

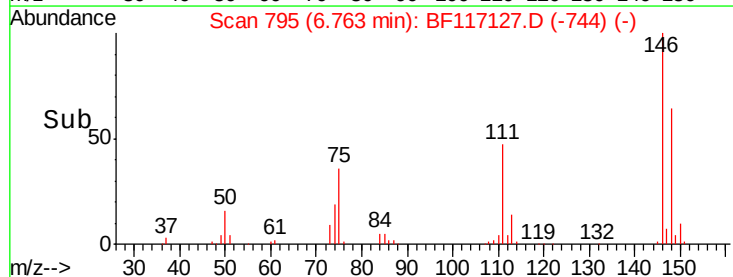
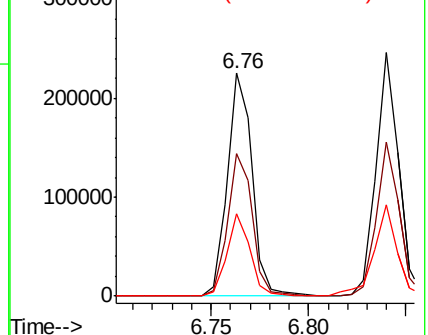
146 100

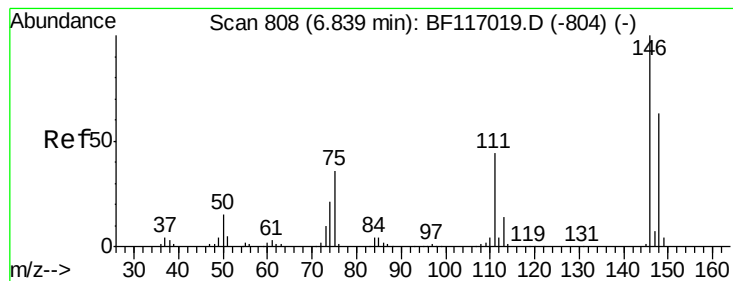
148 64.2 50.8 76.2

75 36.7 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.734 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

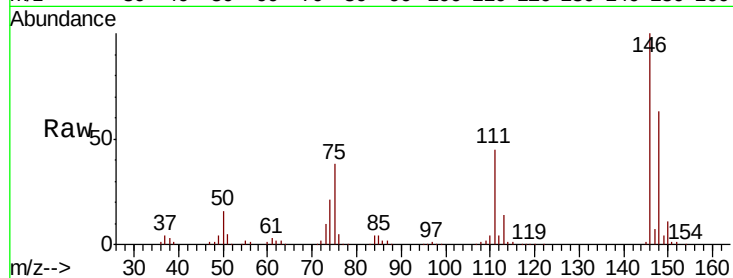
Tot Ion:146 Resp: 204580

Ion Ratio Lower Upper

146 100

148 63.4 50.6 76.0

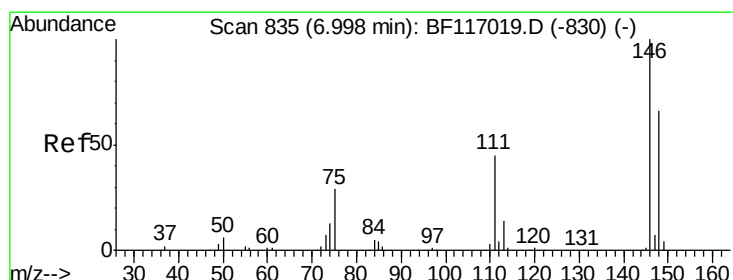
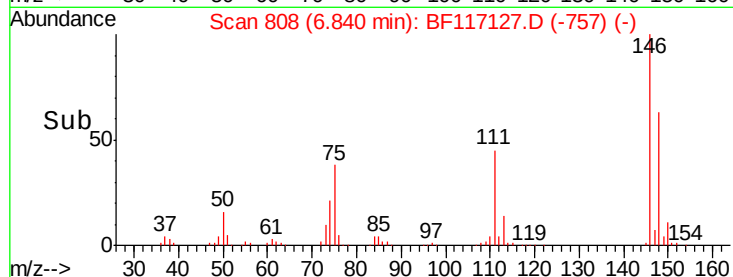
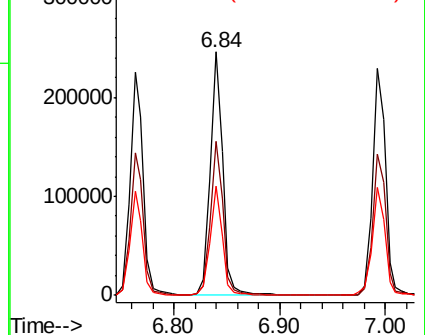
111 44.7 35.0 52.6



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: 39.352 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

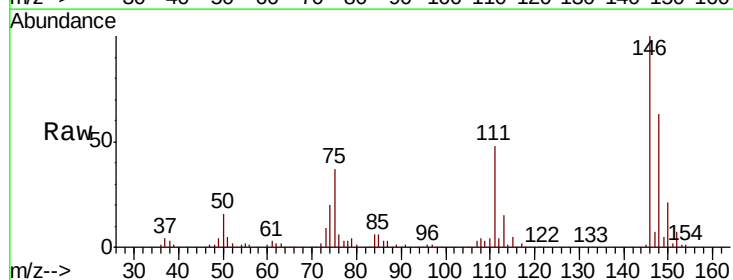
Tgt Ion:146 Resp: 193513

Ion Ratio Lower Upper

146 100

148 62.6 52.6 78.8

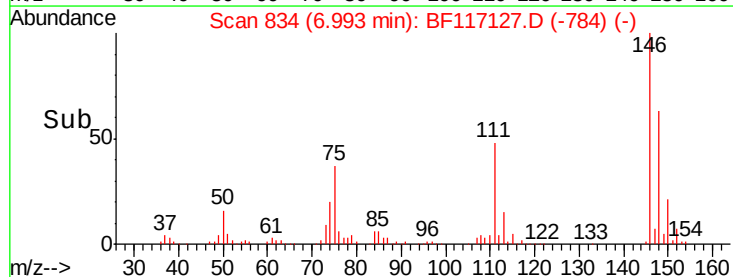
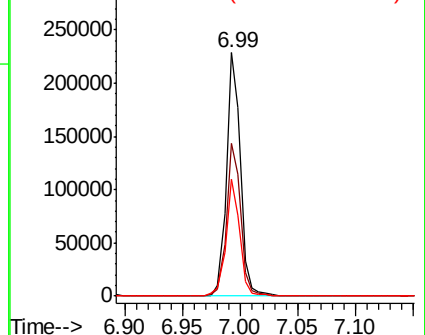
111 47.8 36.2 54.2

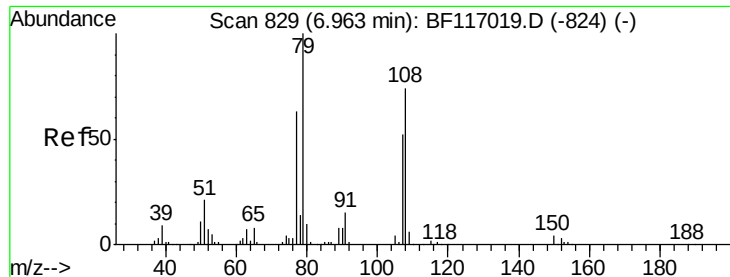


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.385 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

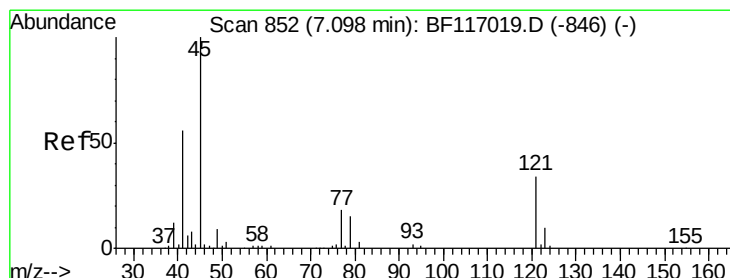
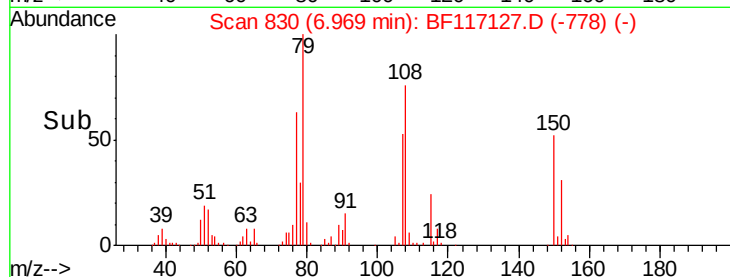
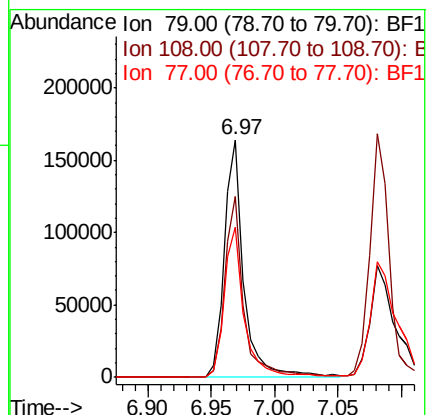
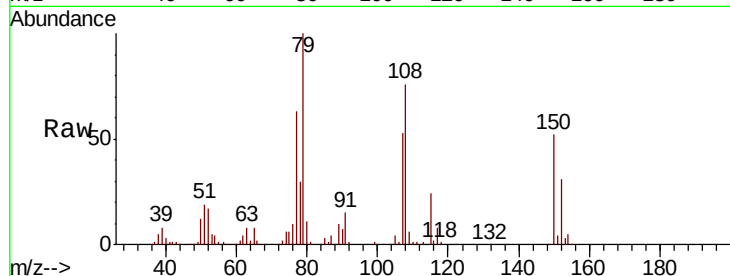
Tot Ion: 79 Resp: 175349

Ion Ratio Lower Upper

79 100

108 76.0 59.4 89.0

77 63.4 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.983 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

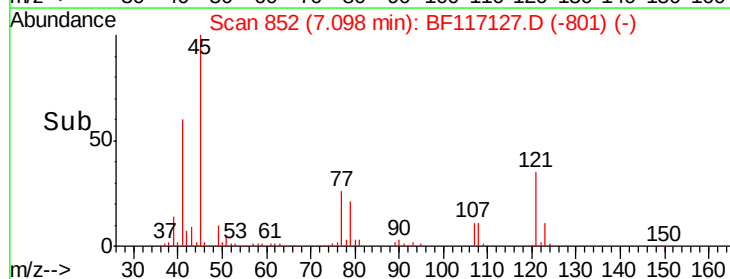
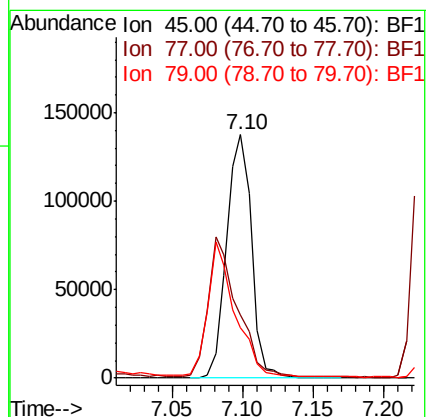
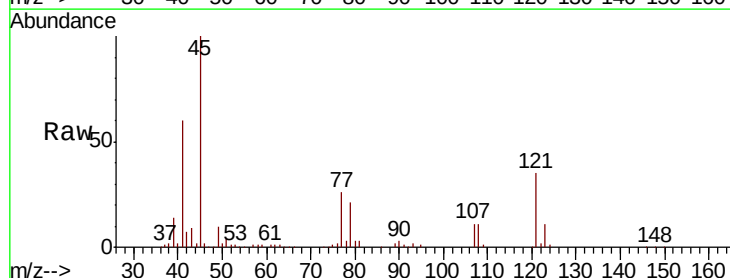
Tgt Ion: 45 Resp: 167993

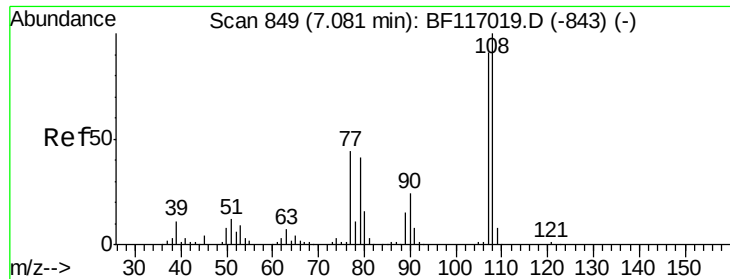
Ion Ratio Lower Upper

45 100

77 25.7 2.7 42.7

79 20.6 0.0 38.9

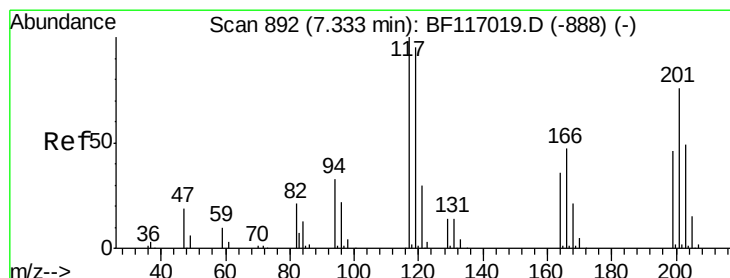
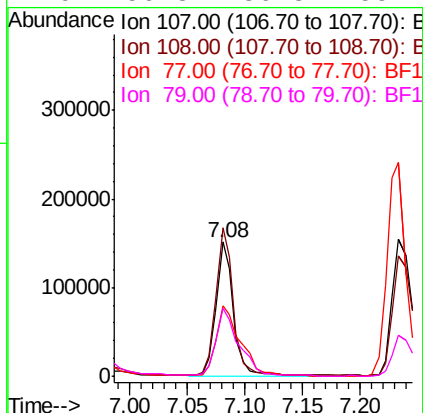
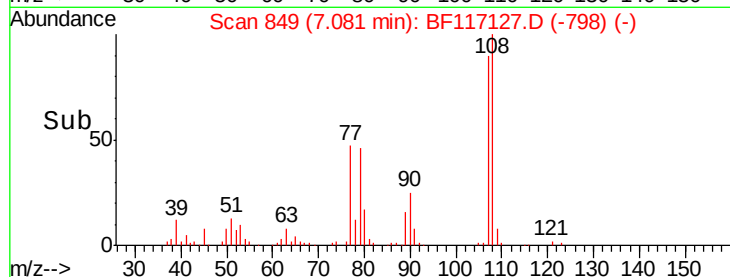
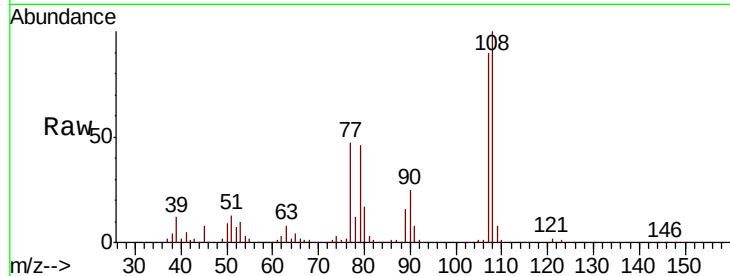




#17  
2-Methylphenol  
Concen: 40.628 ng  
RT: 7.08 min Scan# 849  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

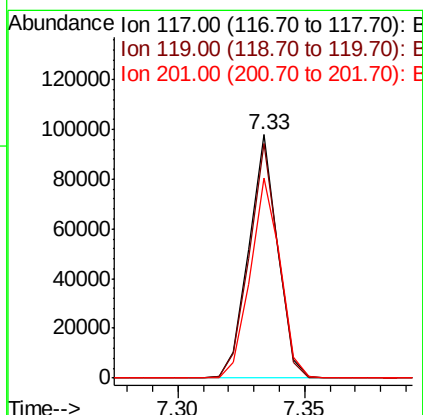
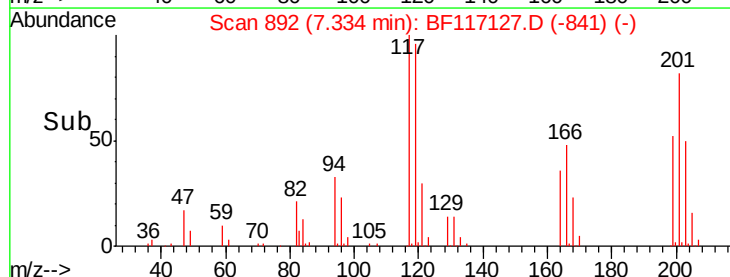
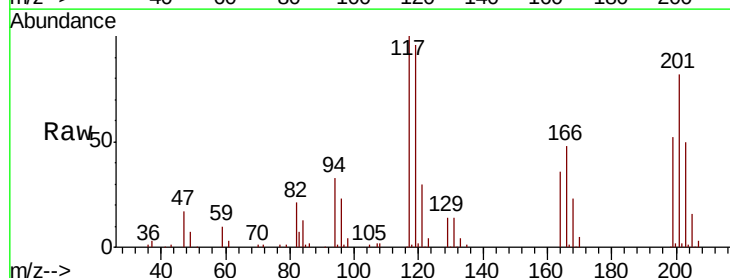
Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

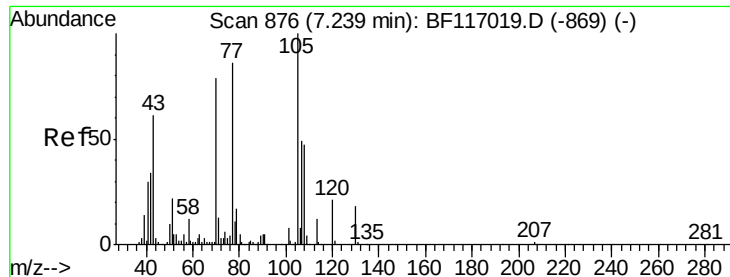
Tot Ion:107 Resp: 157045  
Ion Ratio Lower Upper  
107 100  
108 111.0 87.7 131.5  
77 52.7 38.6 58.0  
79 50.8 36.8 55.2



#18  
Hexachloroethane  
Concen: 38.113 ng  
RT: 7.33 min Scan# 892  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Tgt Ion:117 Resp: 77440  
Ion Ratio Lower Upper  
117 100  
119 96.4 75.8 113.8  
201 82.4 60.9 91.3

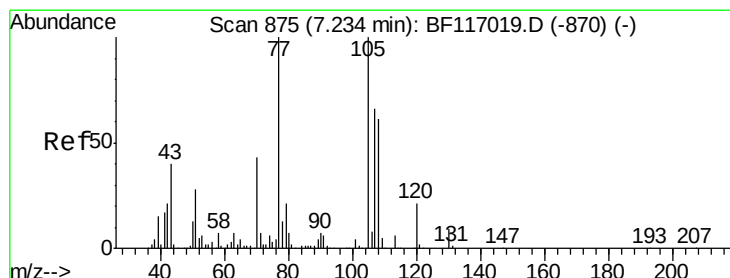
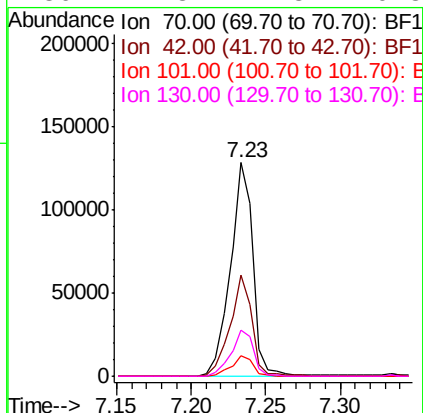
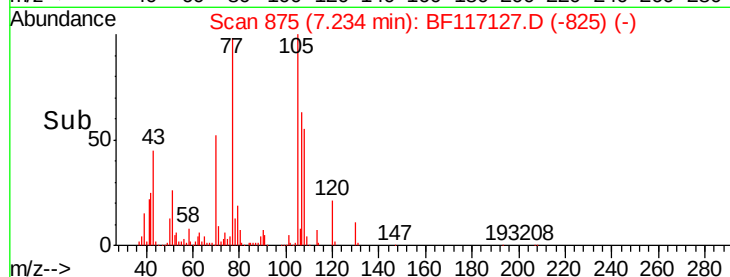
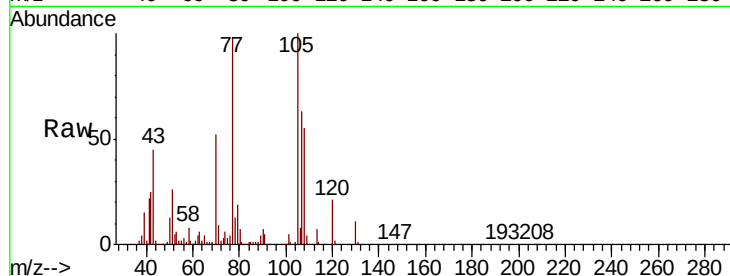




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.719 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

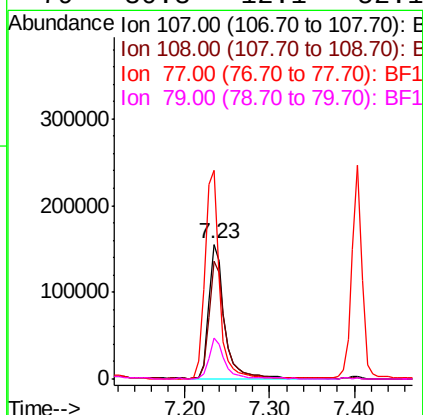
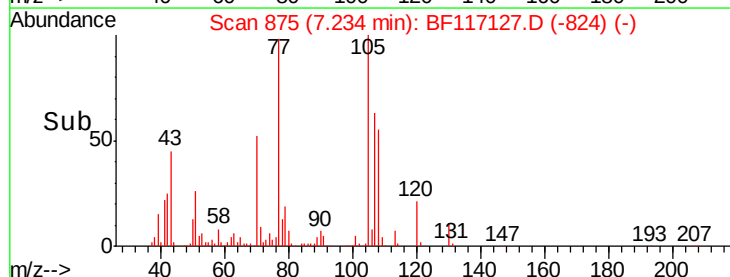
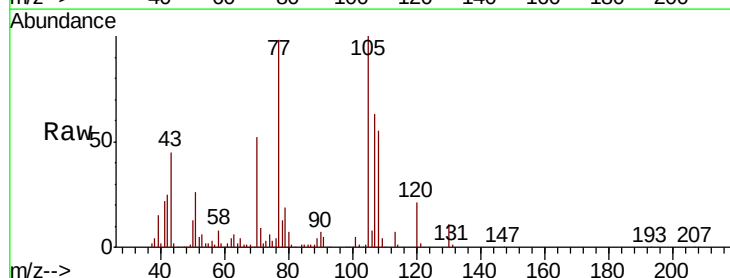
Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

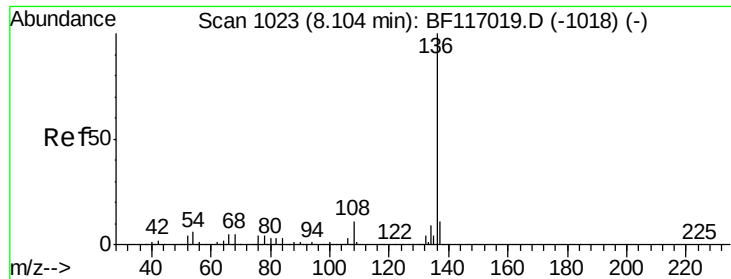
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 136997 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 47.3  | 34.0  | 51.0   |
| 101      | 9.7   | 7.8   | 11.6   |
| 130      | 21.3  | 17.8  | 26.8   |



#20  
3+4-Methylphenols  
Concen: 43.363 ng  
RT: 7.23 min Scan# 875  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 208787 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.5  | 72.6  | 112.6  |
| 77       | 155.3 | 132.1 | 172.1  |
| 79       | 30.3  | 12.1  | 52.1   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

Tot Ion:136 Resp: 268047

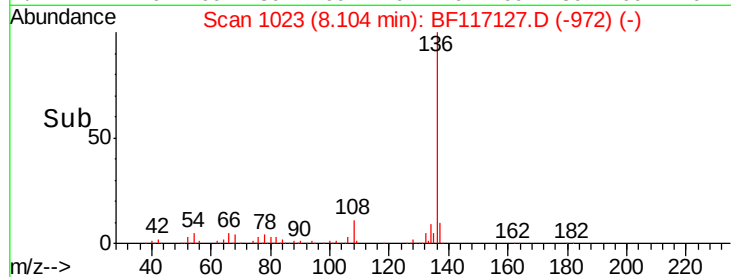
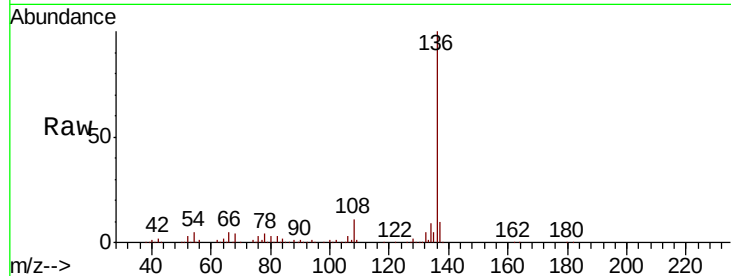
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 5.0 4.5 6.7

68 4.3 4.0 6.0

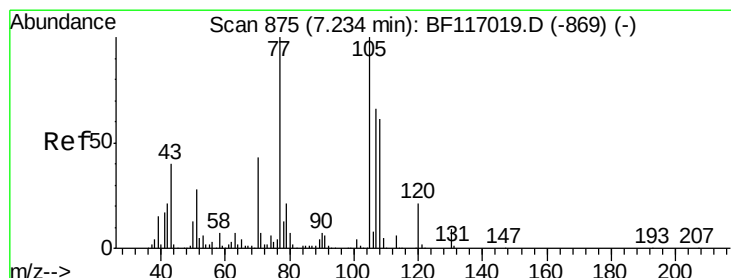
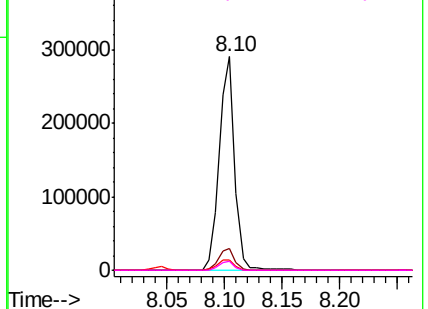


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.339 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Tgt Ion:105 Resp: 281527

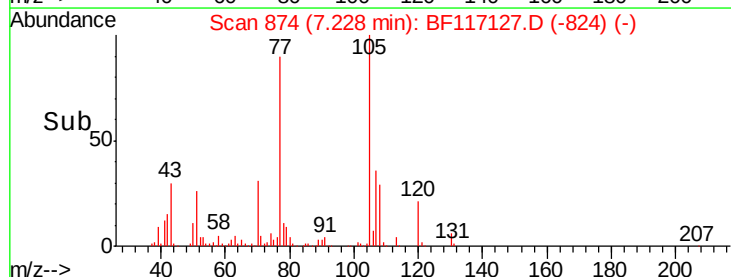
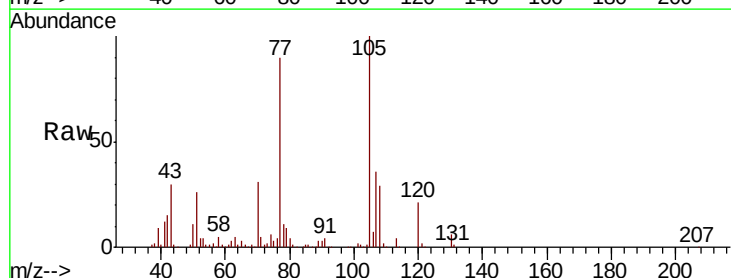
Ion Ratio Lower Upper

105 100

71 5.4 5.7 8.5#

51 25.9 22.1 33.1

120 21.0 17.1 25.7

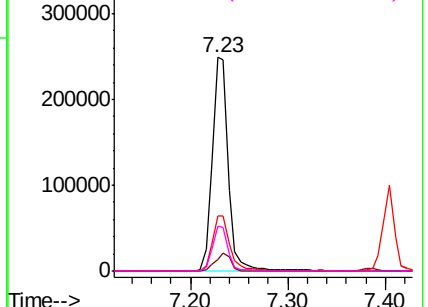


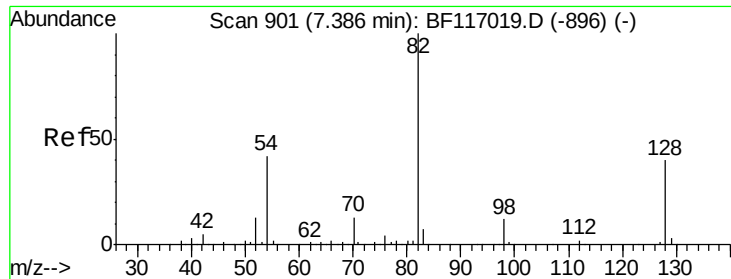
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

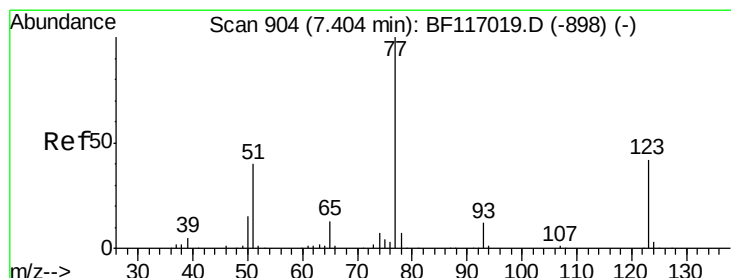
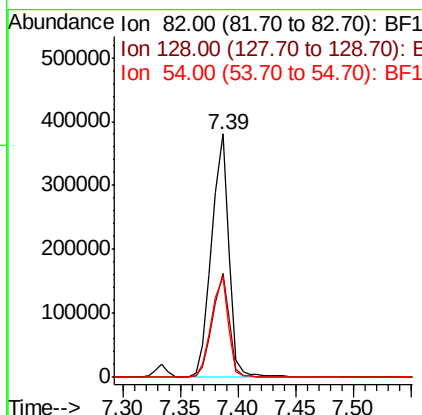
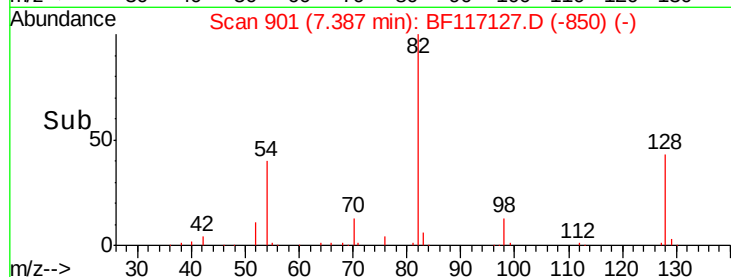
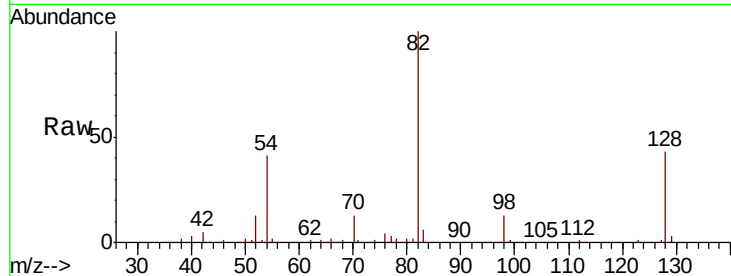




#23  
 Nitrobenzene-d5  
 Concen: 78.487 ng  
 RT: 7.39 min Scan# 901  
 Delta R.T. 0.00 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

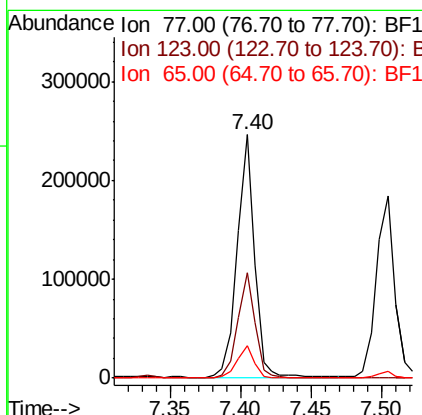
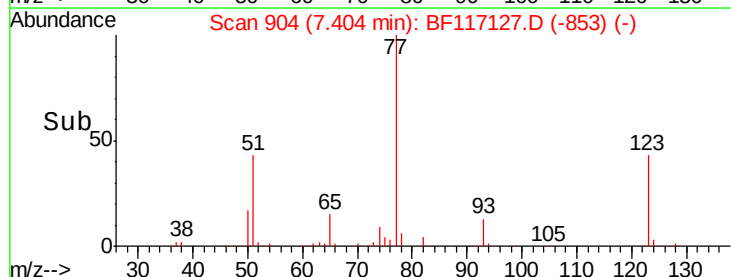
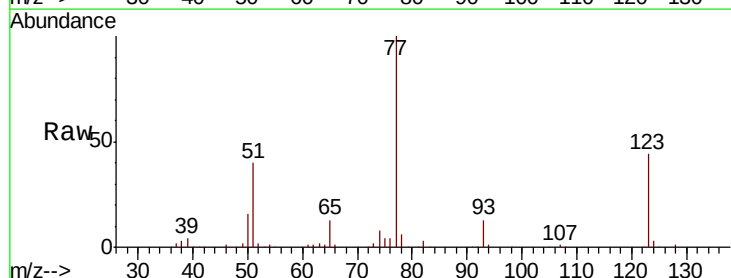
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-47-COMPMSD

Tot Ion: 82 Resp: 400404  
 Ion Ratio Lower Upper  
 82 100  
 128 42.6 32.3 48.5  
 54 41.3 33.3 49.9

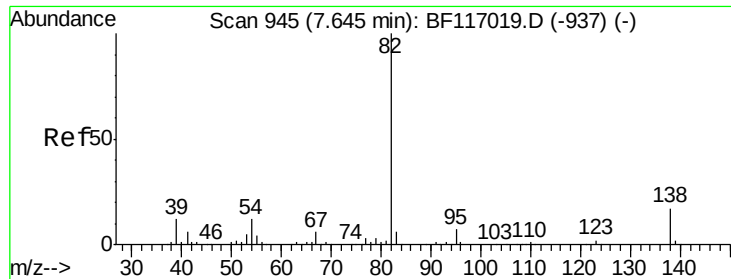


#24  
 Nitrobenzene  
 Concen: 41.996 ng  
 RT: 7.40 min Scan# 904  
 Delta R.T. 0.00 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

Tgt Ion: 77 Resp: 211574  
 Ion Ratio Lower Upper  
 77 100  
 123 43.5 33.5 50.3  
 65 13.4 10.5 15.7







#25

Isophorone

Concen: 41.435 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

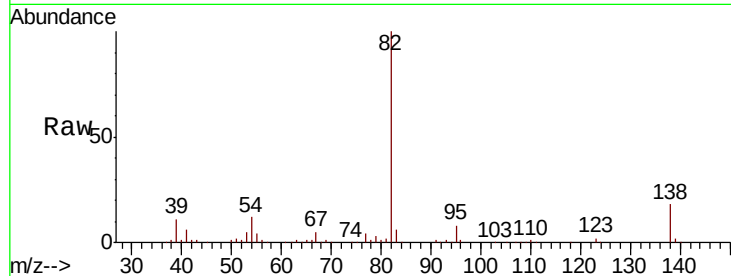
Tot Ion: 82 Resp: 374266

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.6

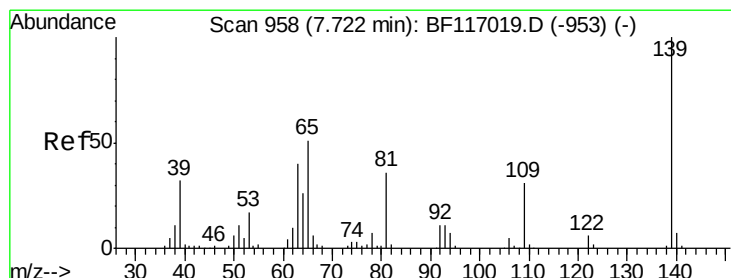
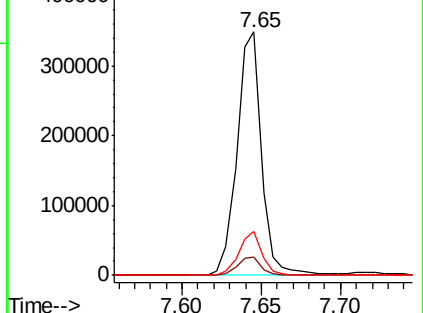
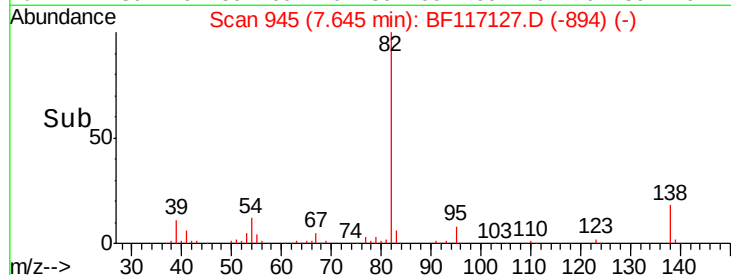
138 18.1 13.5 20.3



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: 45.704 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

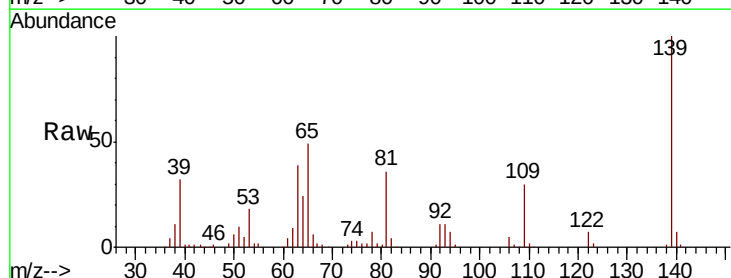
Tgt Ion: 139 Resp: 98903

Ion Ratio Lower Upper

139 100

109 29.8 24.6 36.8

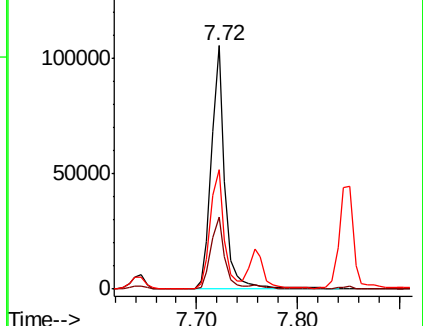
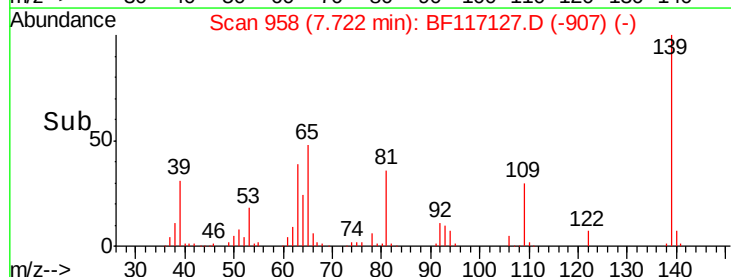
65 48.9 40.9 61.3

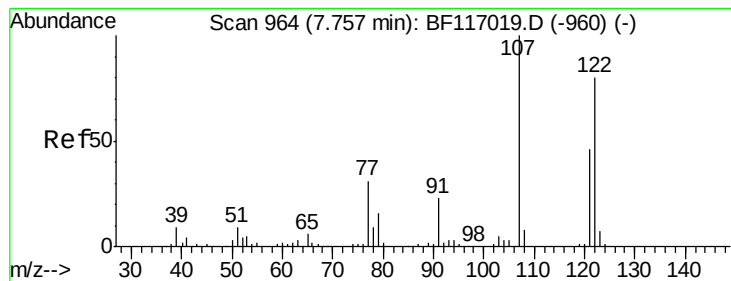


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.132 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

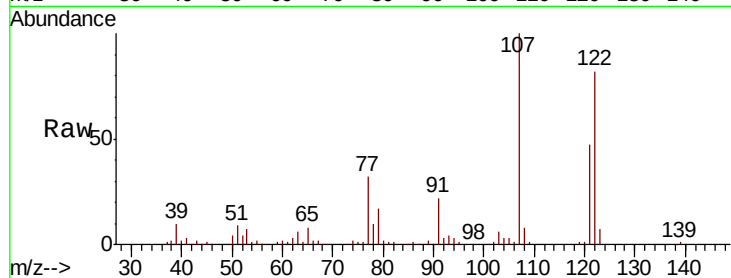
Tot Ion:122 Resp: 165172

Ion Ratio Lower Upper

122 100

107 122.1 98.9 148.3

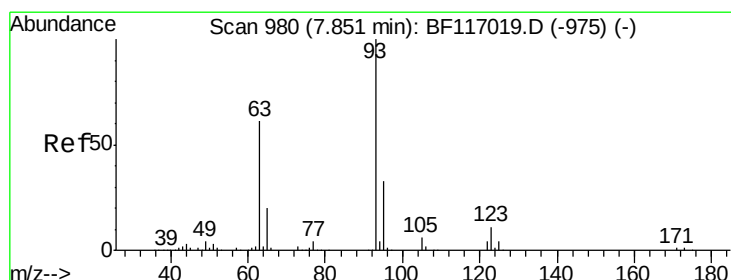
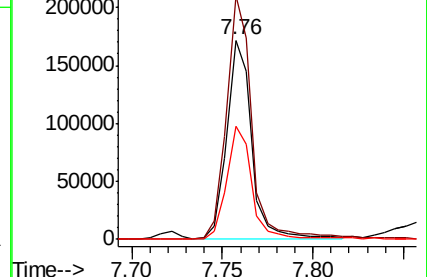
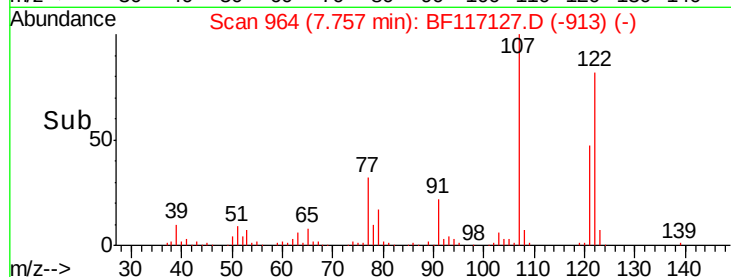
121 57.0 45.3 67.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.883 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

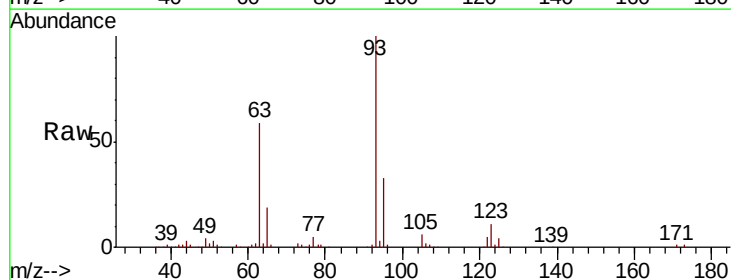
Tgt Ion: 93 Resp: 227520

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

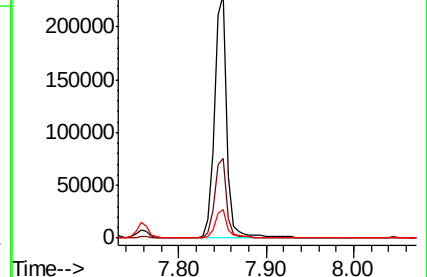
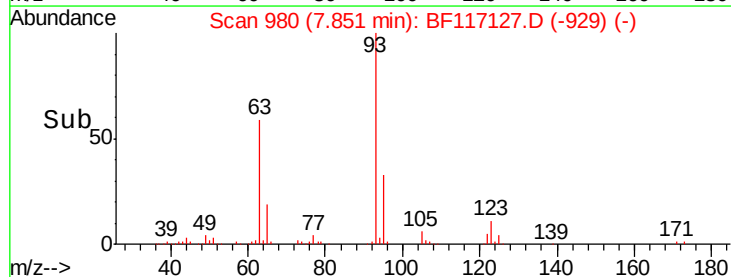
123 11.5 9.0 13.6

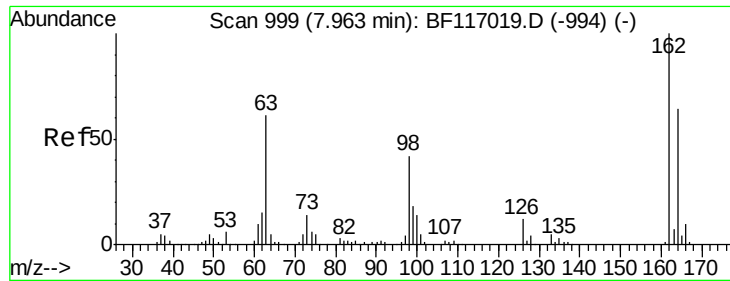


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

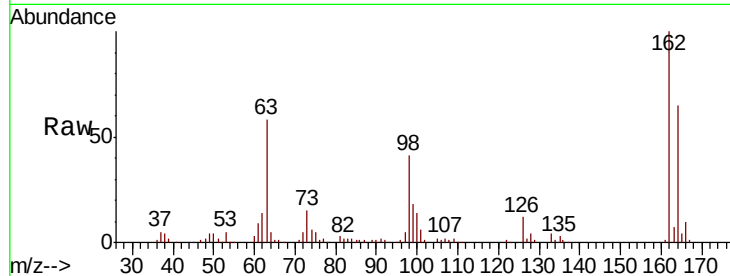




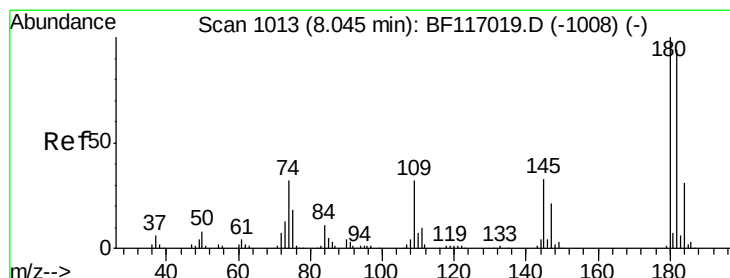
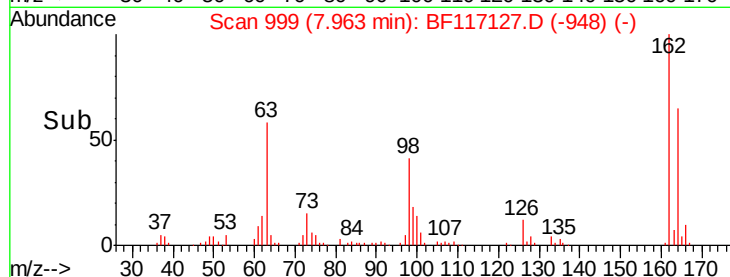
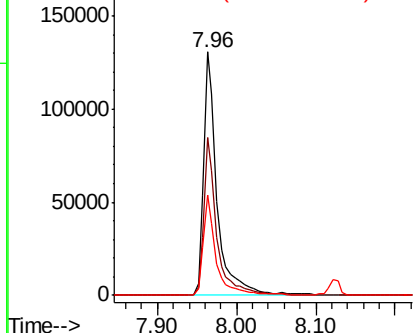
#29  
 2,4-Dichlorophenol  
 Concen: 43.827 ng  
 RT: 7.96 min Scan# 999  
 Delta R.T. 0.00 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-47-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.9  | 43.8  | 83.8  |
| 98      | 41.3  | 22.1  | 62.1  |

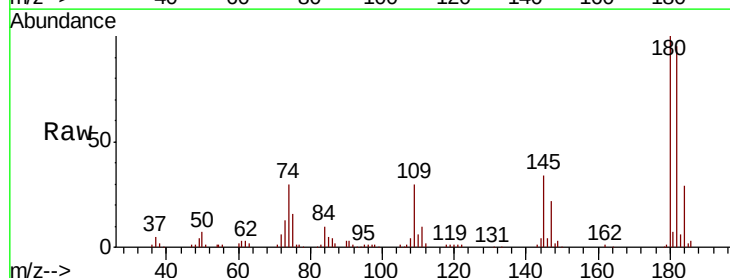


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

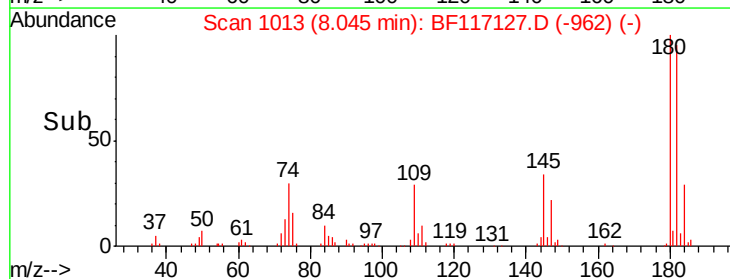
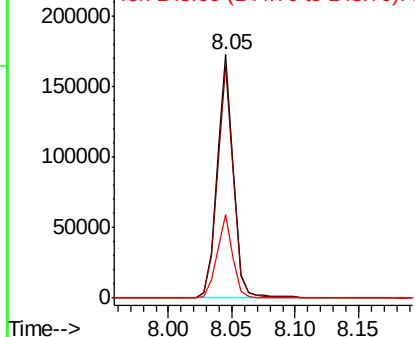


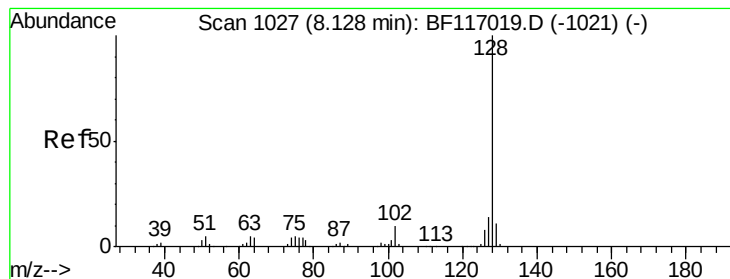
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.272 ng  
 RT: 8.05 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 75.4  | 113.0 |
| 145     | 34.2  | 26.7  | 40.1  |



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: 42.976 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

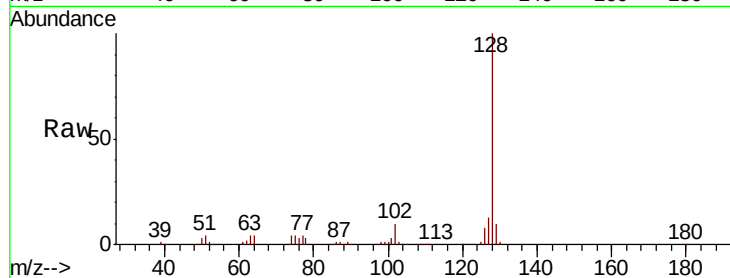
Tot Ion:128 Resp: 554023

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.4

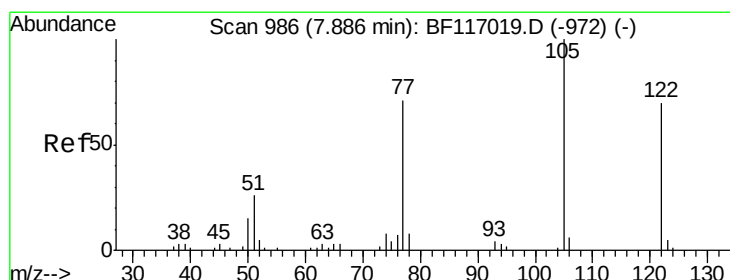
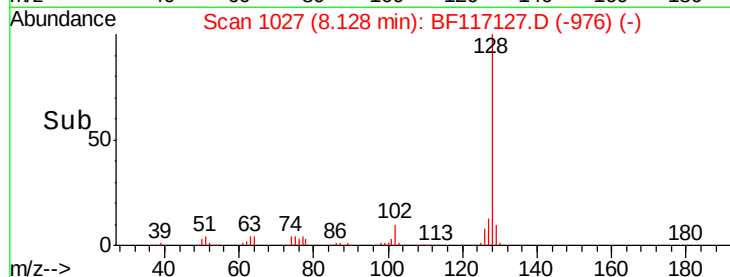
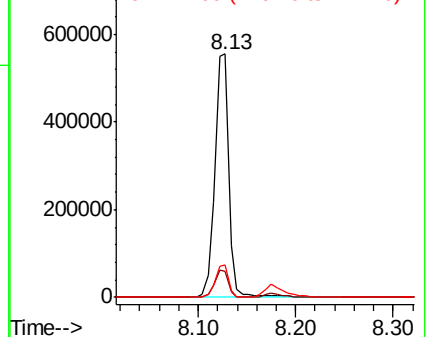
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.239 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

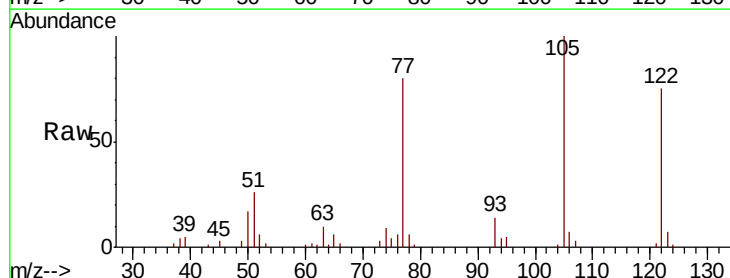
Tgt Ion:122 Resp: 59011

Ion Ratio Lower Upper

122 100

105 133.0 114.8 154.8

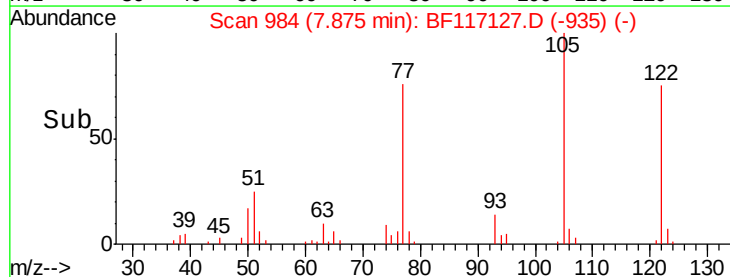
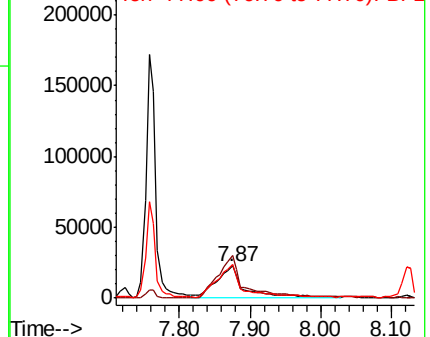
77 106.3 78.7 118.7

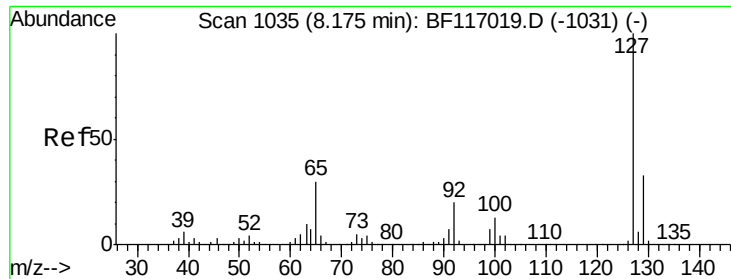


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

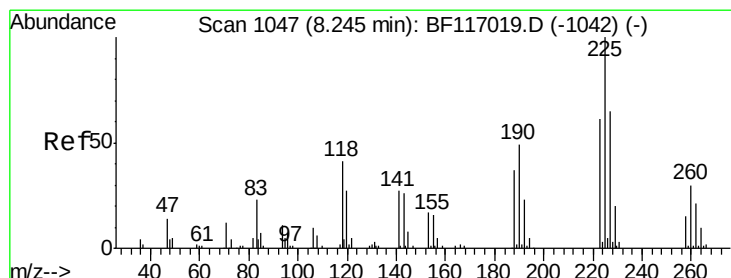
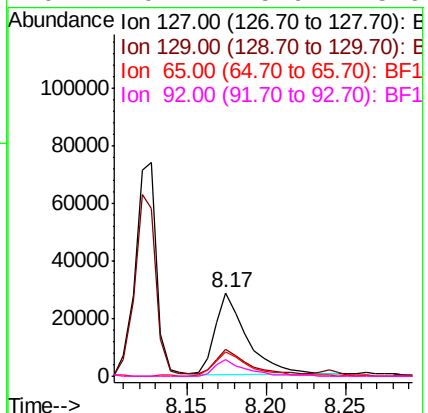
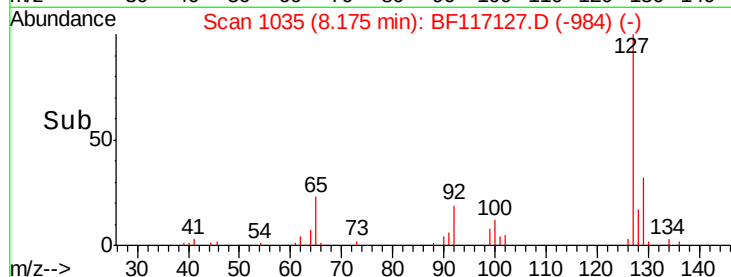
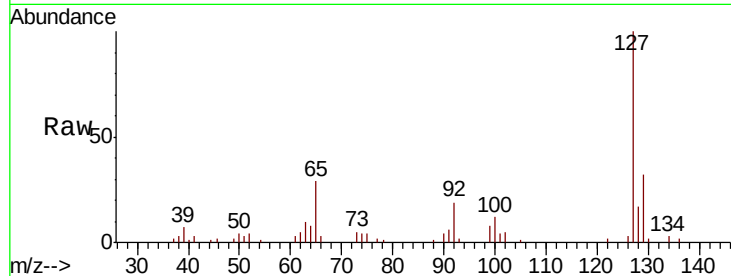




#33  
4-Chloroaniline  
Concen: 6.977 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

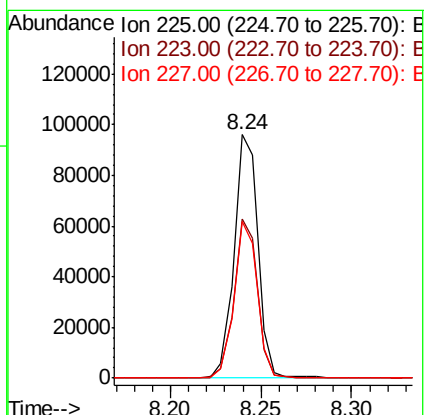
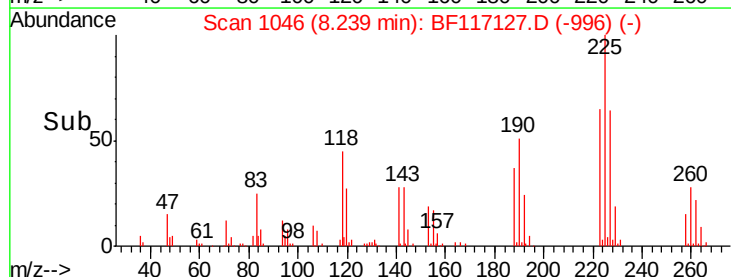
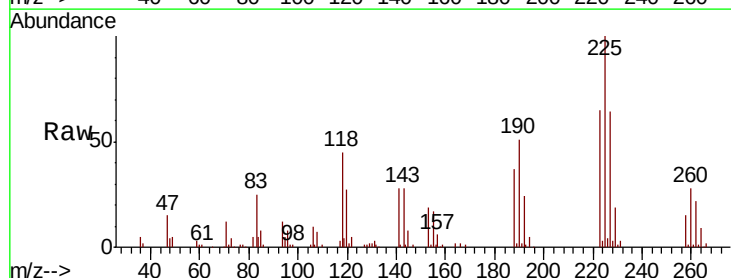
Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

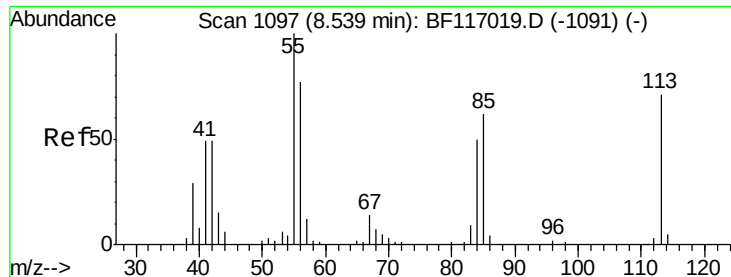
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 39893     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 31.9  | 26.2 39.2 |
| 65          | 28.9  | 23.5 35.3 |
| 92          | 19.2  | 15.9 23.9 |



#34  
Hexachlorobutadiene  
Concen: 39.909 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 87959     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 65.2  | 49.1 73.7 |
| 227         | 64.4  | 52.2 78.2 |

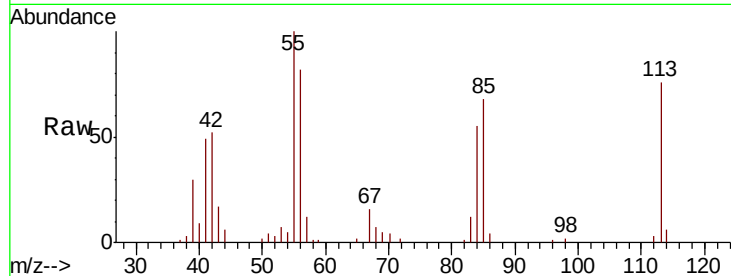




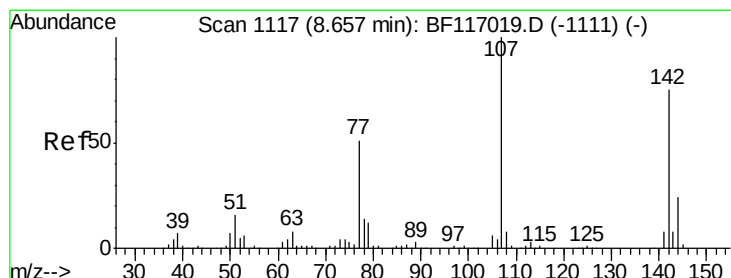
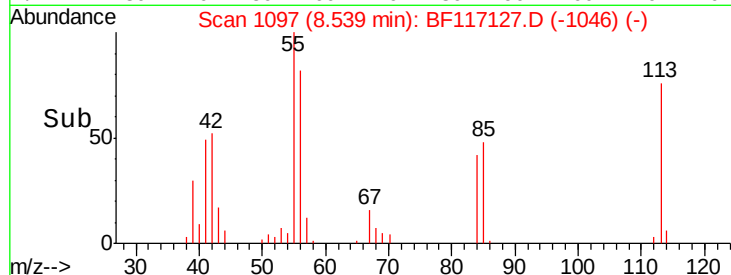
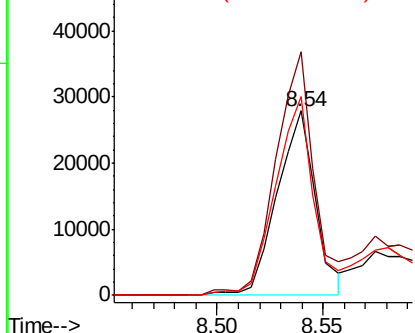
#35  
 Caprolactam  
 Concen: 28.862 ng  
 RT: 8.54 min Scan# 1097  
 Delta R.T. 0.00 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-47-COMPMSD

Tot Ion:113 Resp: 35127  
 Ion Ratio Lower Upper  
 113 100  
 55 132.1 120.6 160.6  
 56 107.8 88.8 128.8

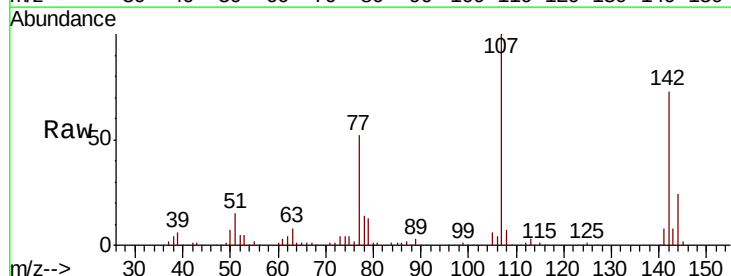


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

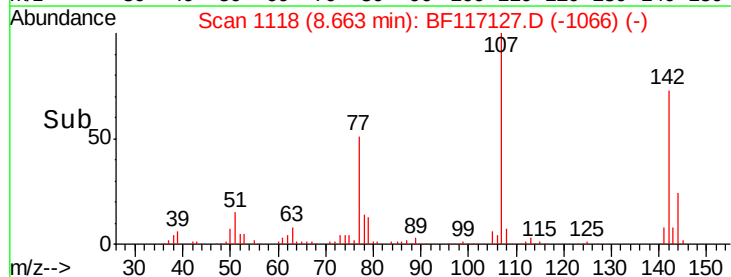
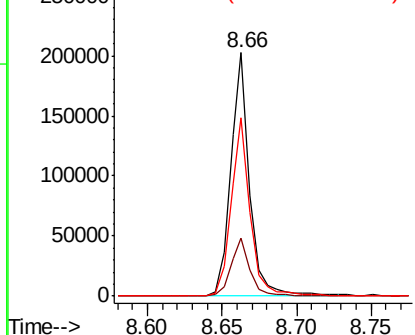


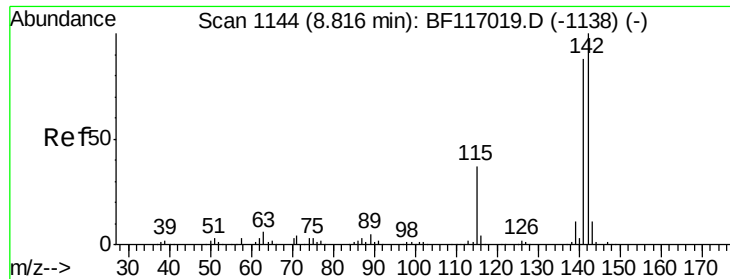
#36  
 4-Chloro-3-methylphenol  
 Concen: 43.248 ng  
 RT: 8.66 min Scan# 1118  
 Delta R.T. 0.01 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

Tgt Ion:107 Resp: 181323  
 Ion Ratio Lower Upper  
 107 100  
 144 24.1 19.2 28.8  
 142 73.4 59.6 89.4



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

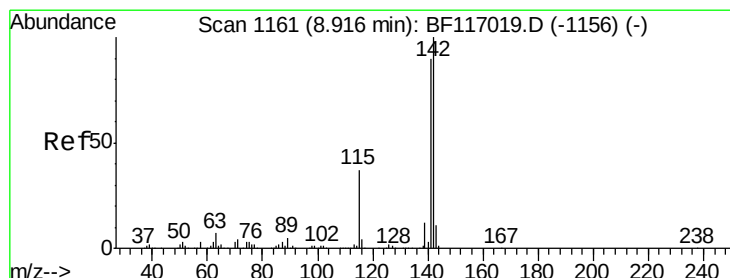
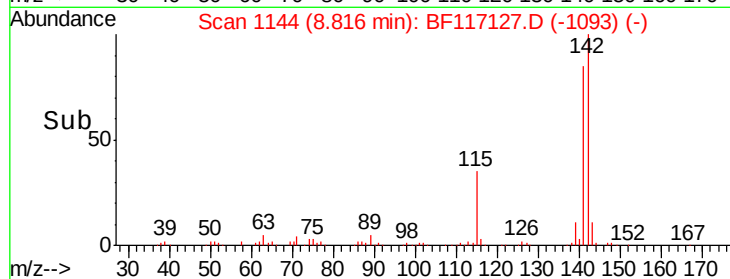
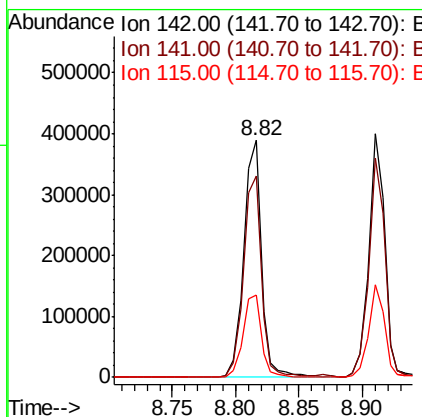
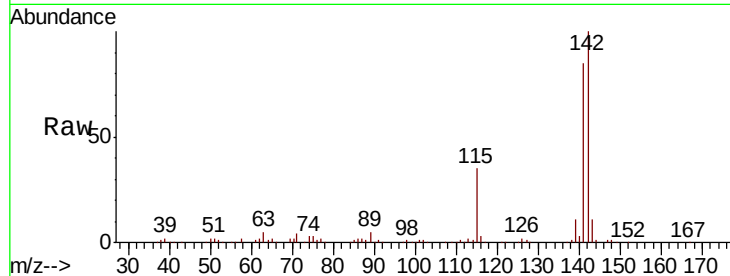




#37  
2-Methylnaphthalene  
Concen: 43.205 ng  
RT: 8.82 min Scan# 1144  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

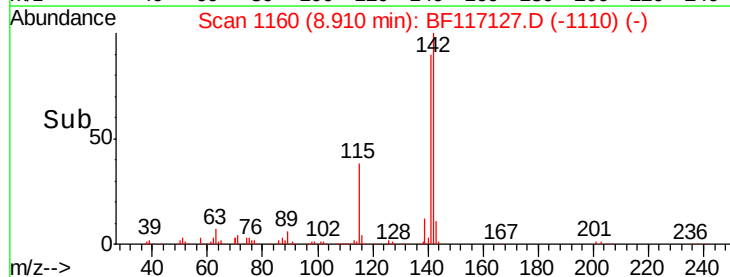
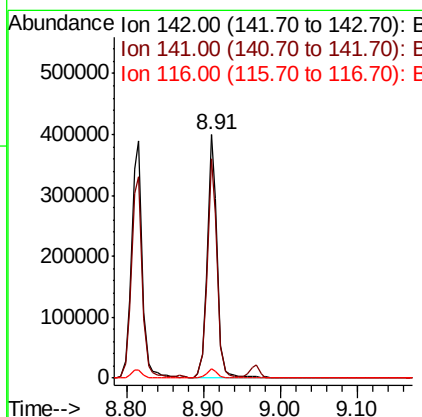
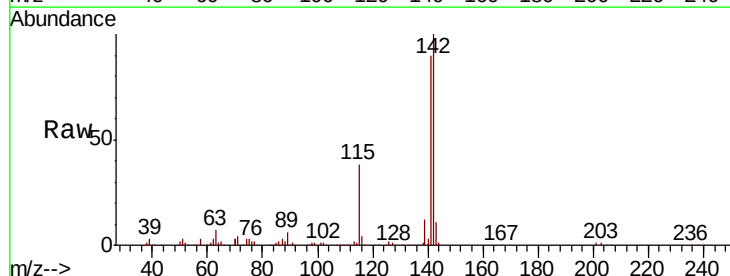
Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

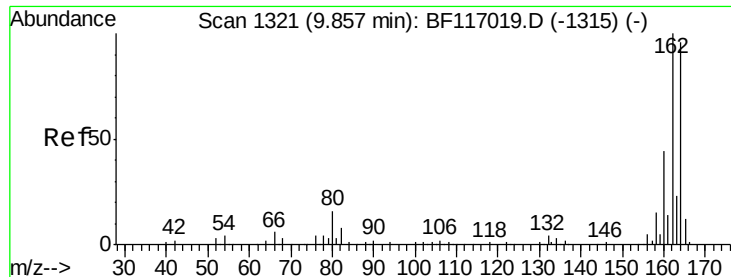
Tot Ion:142 Resp: 375065  
Ion Ratio Lower Upper  
142 100  
141 85.2 70.7 106.1  
115 35.0 29.4 44.0



#38  
1-Methylnaphthalene  
Concen: 43.612 ng  
RT: 8.91 min Scan# 1160  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Tgt Ion:142 Resp: 354582  
Ion Ratio Lower Upper  
142 100  
141 89.9 71.9 107.9  
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

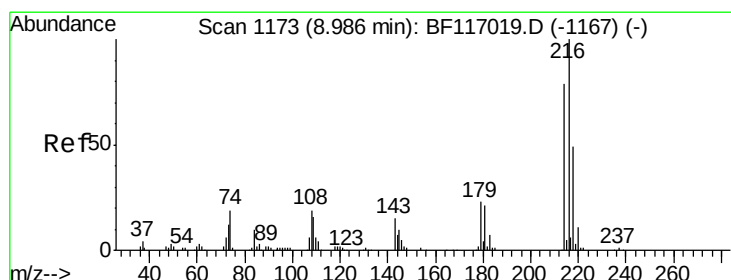
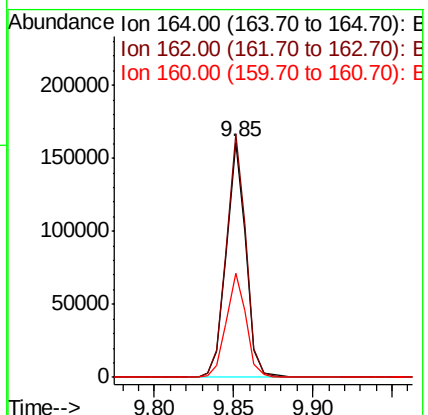
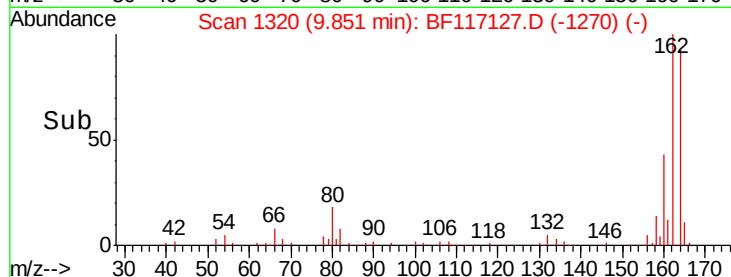
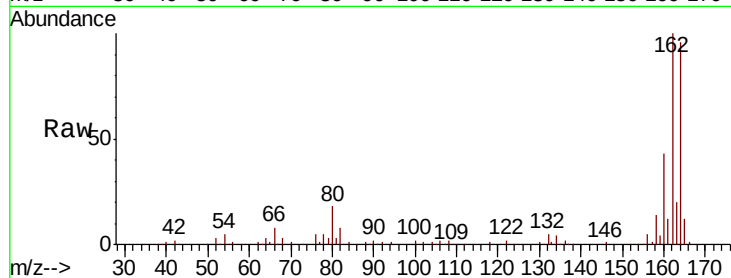
Tot Ion:164 Resp: 137217

Ion Ratio Lower Upper

164 100

162 103.7 83.4 125.2

160 44.4 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.150 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Tgt Ion:216 Resp: 145806

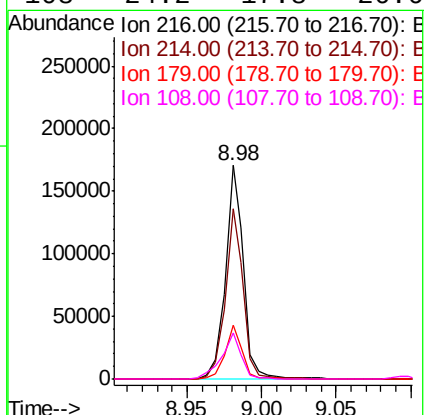
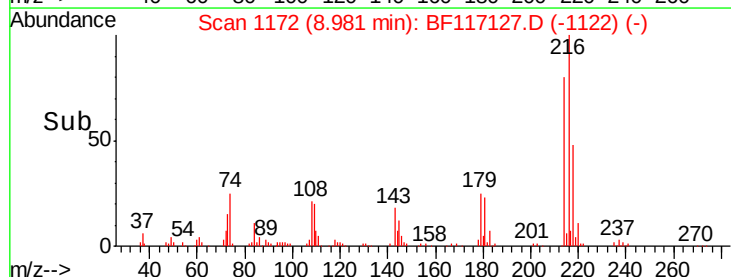
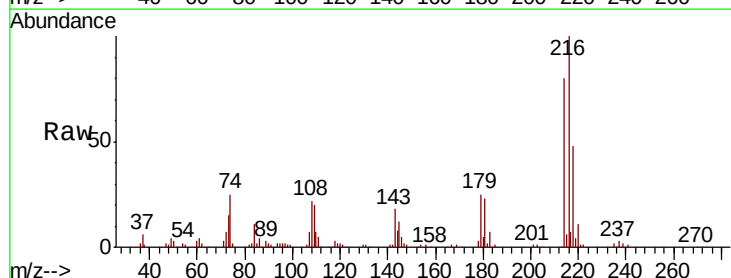
Ion Ratio Lower Upper

216 100

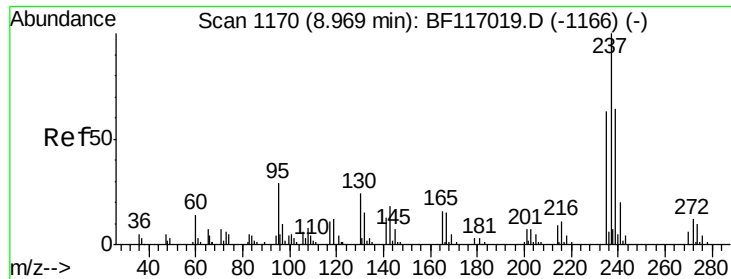
214 79.3 63.6 95.4

179 24.2 18.3 27.5

108 24.2 17.8 26.6



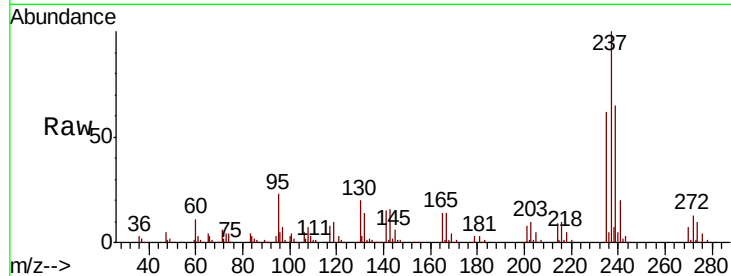




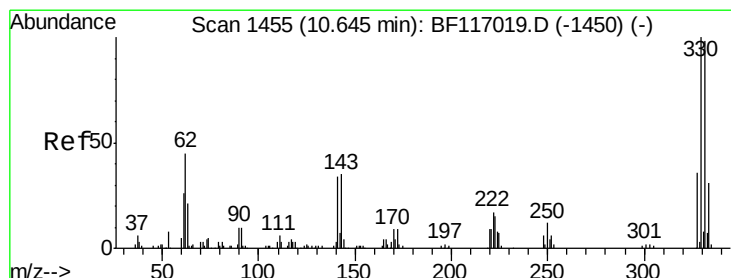
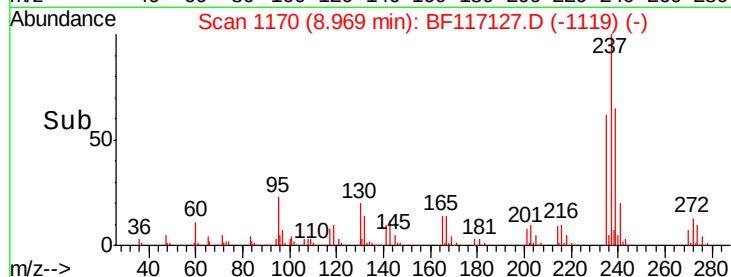
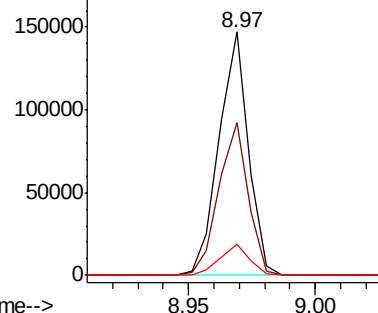
#41  
Hexachlorocyclopentadiene  
Concen: 76.095 ng  
RT: 8.97 min Scan# 1170  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.5  | 43.2  | 83.2  |
| 272     | 13.0  | 0.0   | 31.9  |

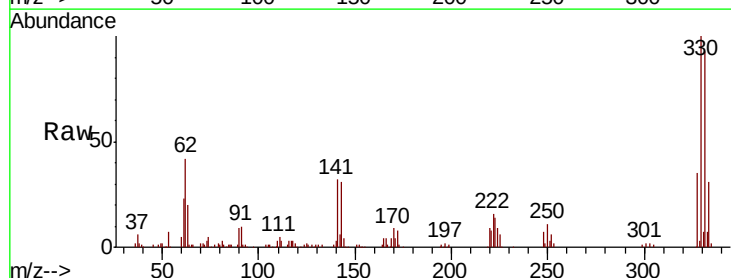


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

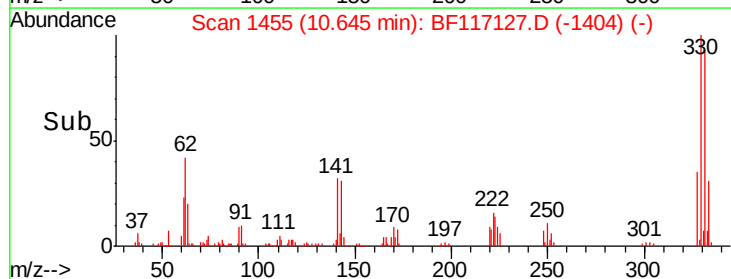
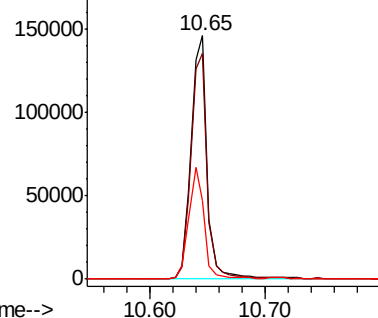


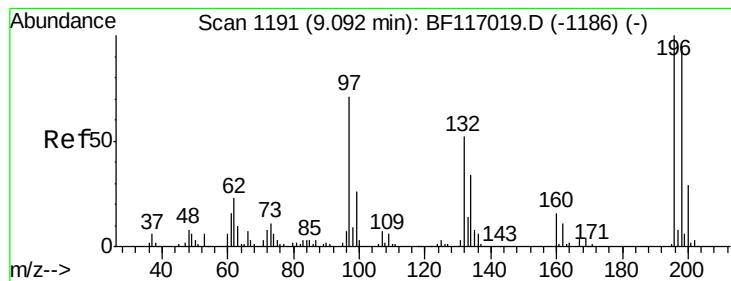
#42  
2,4,6-Tribromophenol  
Concen: 123.369 ng  
RT: 10.65 min Scan# 1455  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.5  | 78.0  | 117.0 |
| 141     | 43.5  | 35.8  | 53.6  |



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: 41.422 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

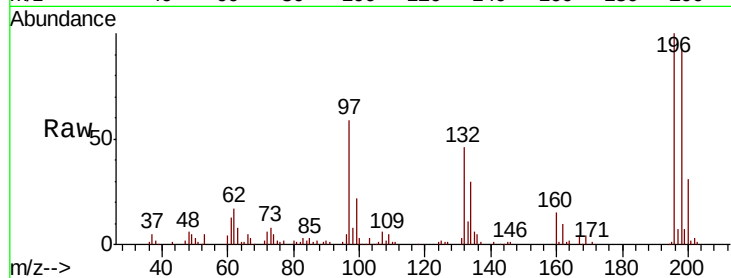
Tot Ion:196 Resp: 99603

Ion Ratio Lower Upper

196 100

198 93.0 75.7 113.5

200 30.5 23.3 34.9

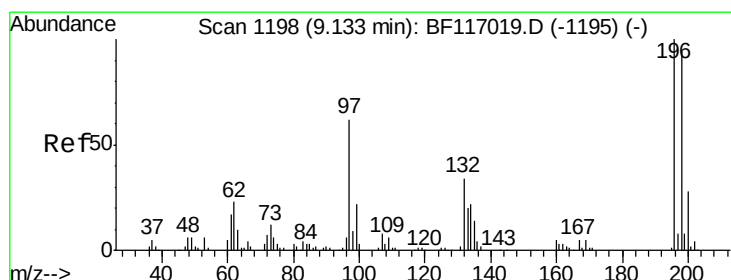
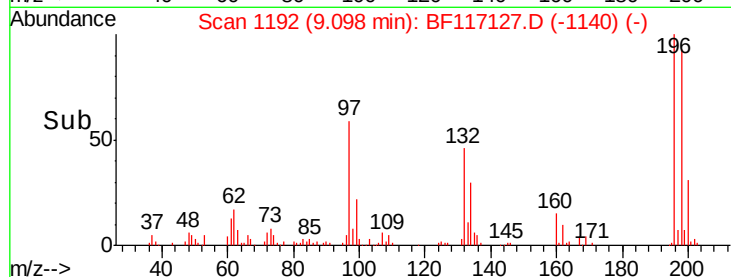
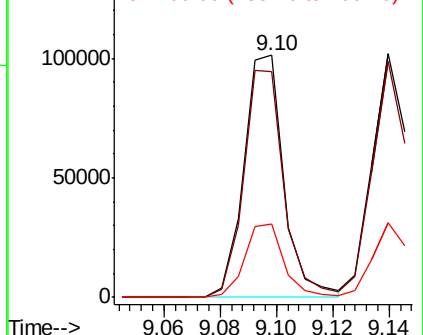


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.773 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Tgt Ion:196 Resp: 107318

Ion Ratio Lower Upper

196 100

198 96.7 74.6 112.0

97 62.7 49.5 74.3

132 33.7 27.4 41.2

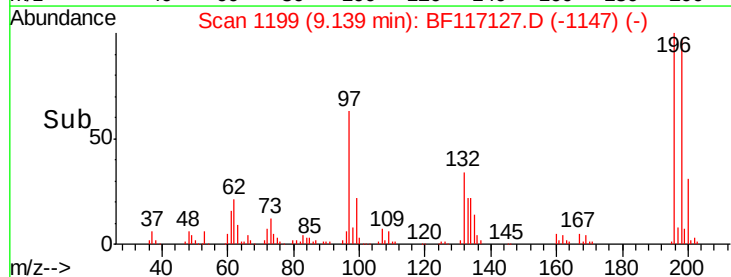
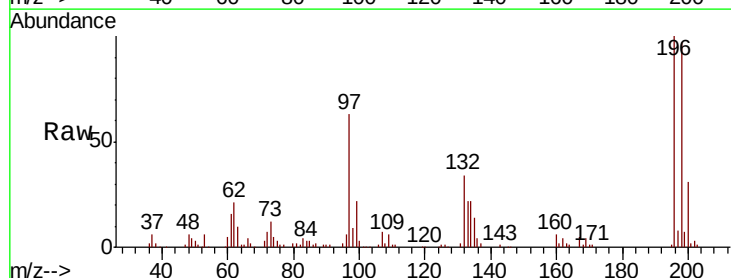
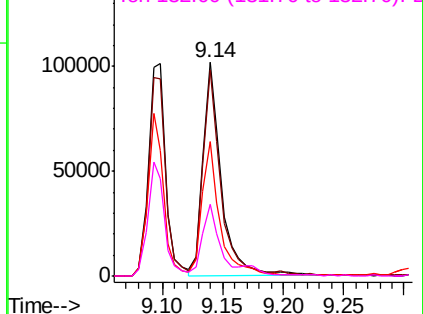
Abundance

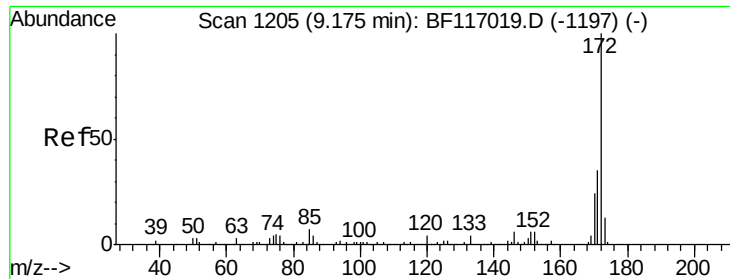
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

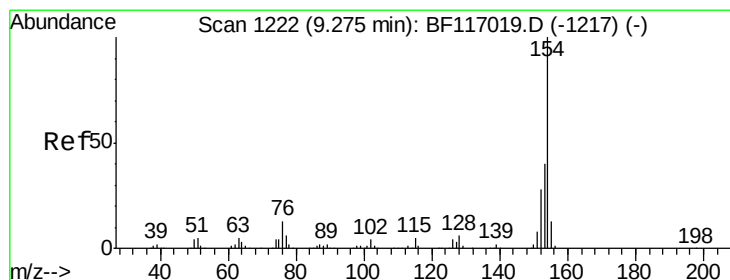
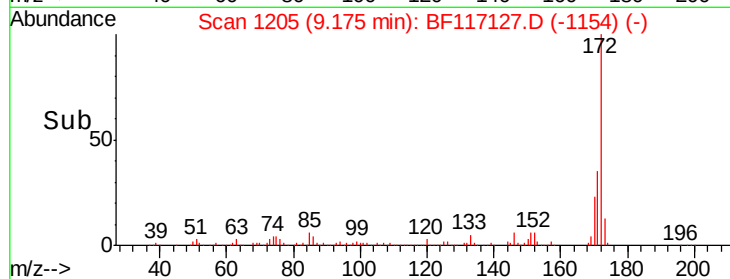
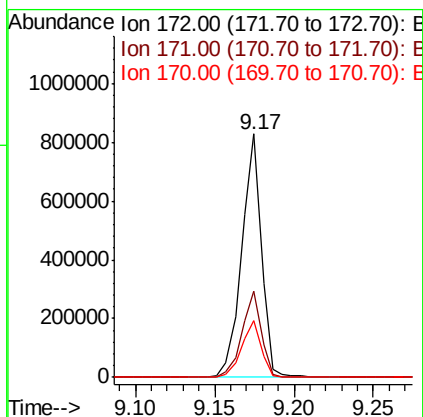
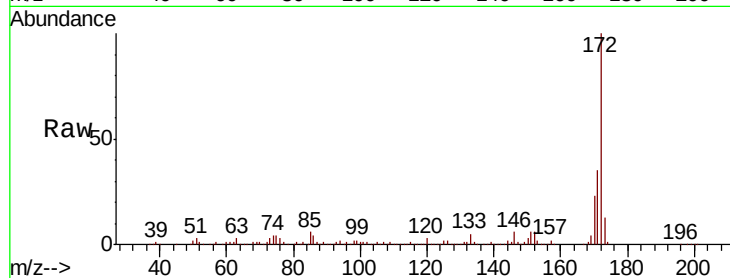




#45  
2-Fluorobiphenyl  
Concen: 81.065 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

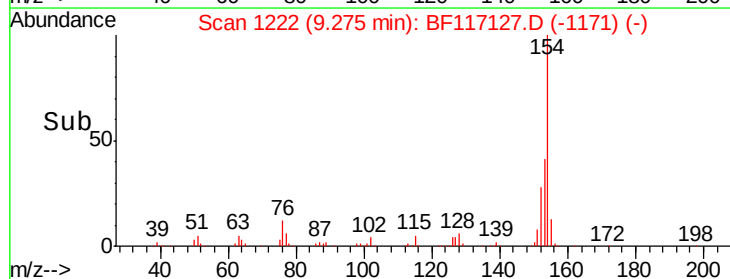
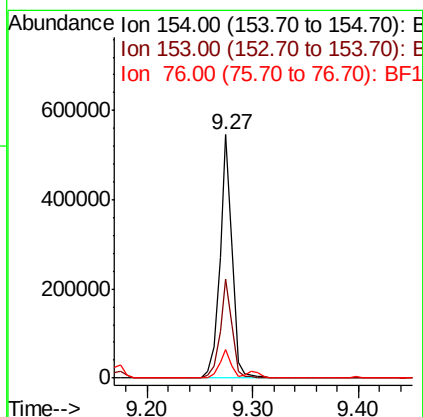
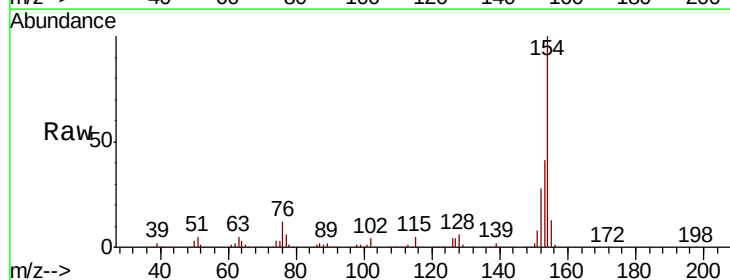
Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

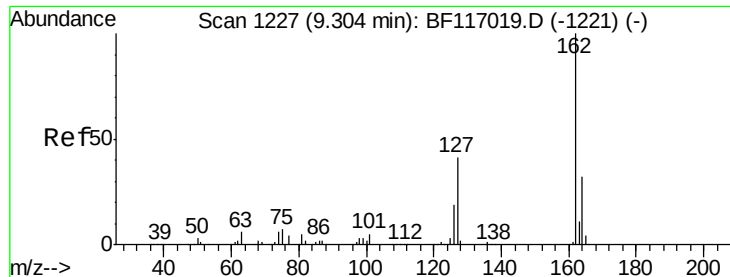
Tot Ion:172 Resp: 711412  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.2 42.2  
170 23.3 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 41.456 ng  
RT: 9.27 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Tgt Ion:154 Resp: 446207  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.0 60.0  
76 11.6 0.0 32.7

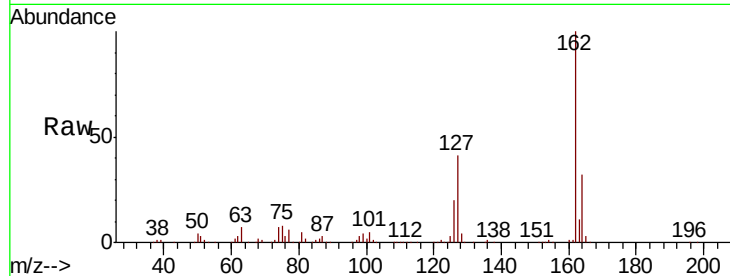




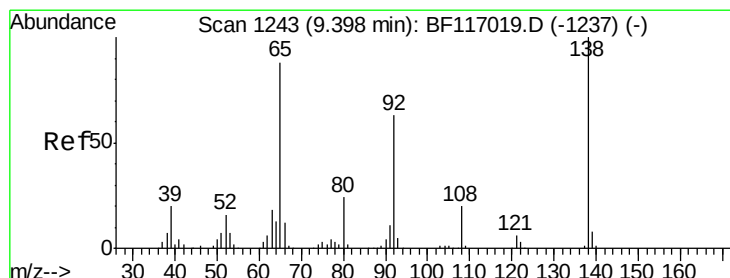
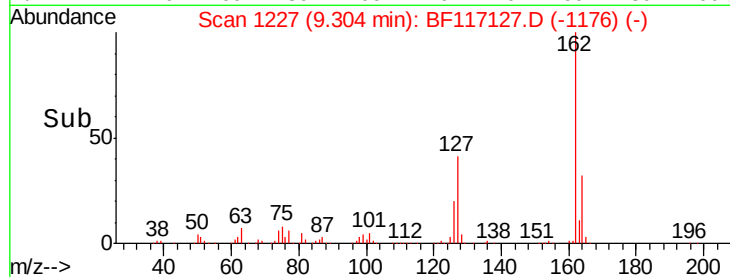
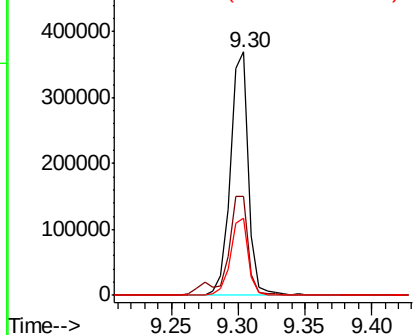
#47  
2-Chloronaphthalene  
Concen: 41.617 ng  
RT: 9.30 min Scan# 1227  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.9  | 34.1  | 51.1  |
| 164     | 31.8  | 25.9  | 38.9  |

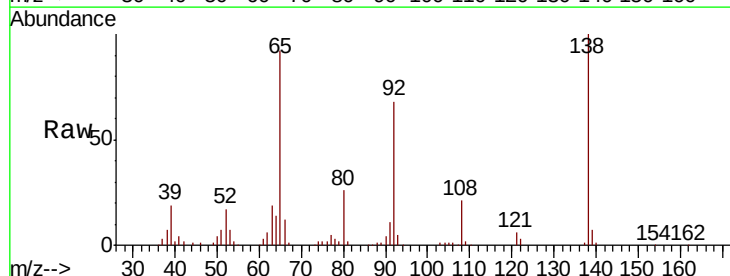


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

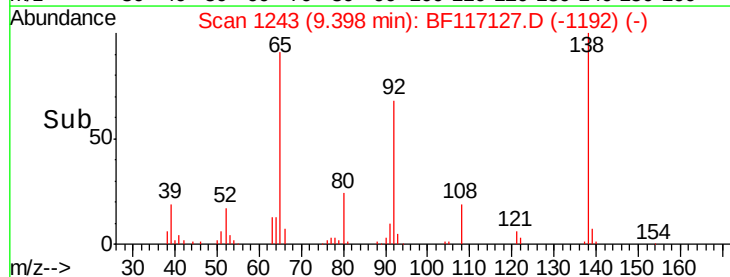
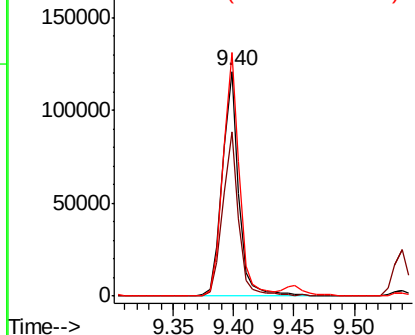


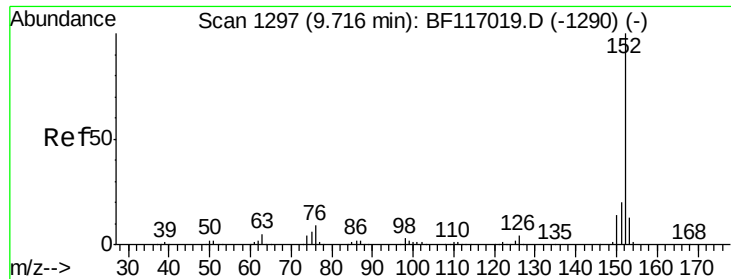
#48  
2-Nitroaniline  
Concen: 41.459 ng  
RT: 9.40 min Scan# 1243  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.3  | 57.5  | 86.3  |
| 138     | 108.5 | 90.6  | 136.0 |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.434 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

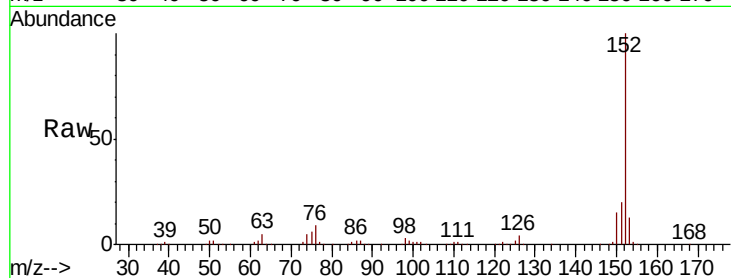
Tot Ion:152 Resp: 552709

Ion Ratio Lower Upper

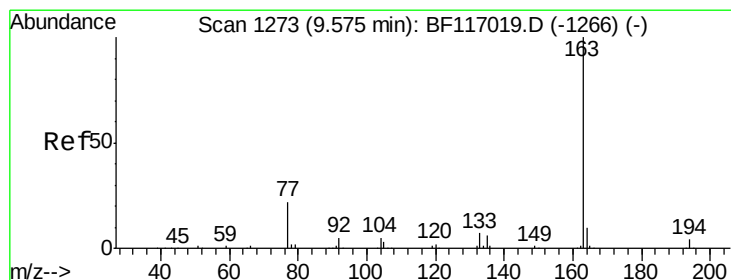
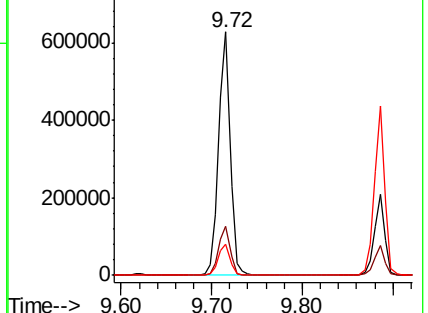
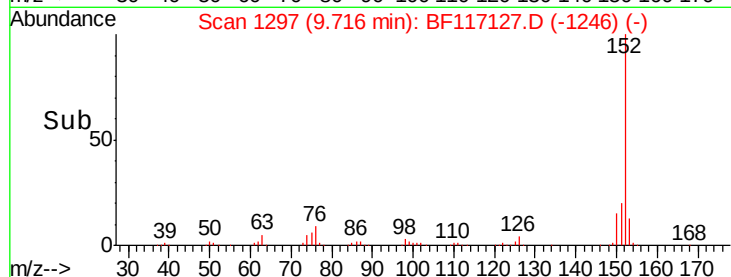
152 100

151 20.4 16.2 24.2

153 12.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.301 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

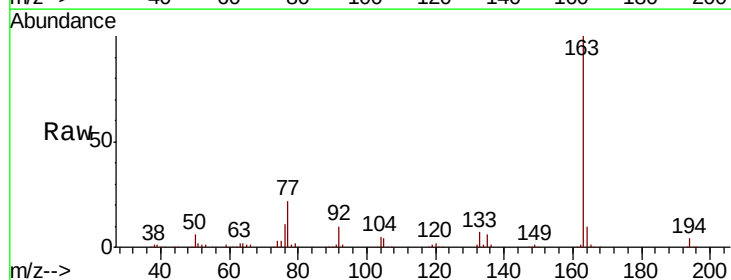
Tgt Ion:163 Resp: 478994

Ion Ratio Lower Upper

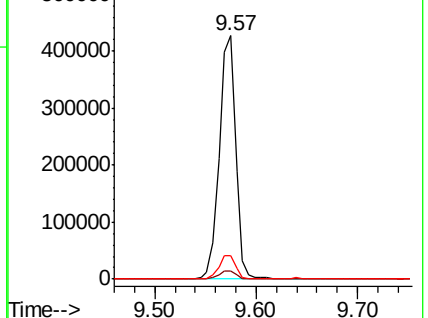
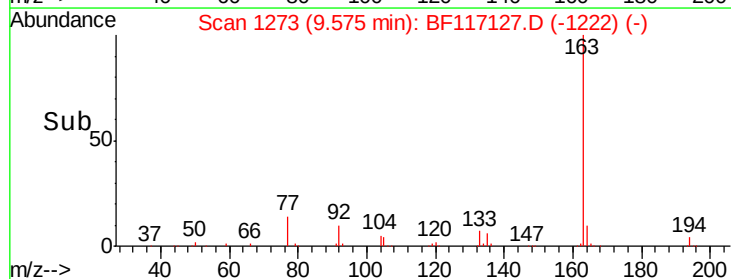
163 100

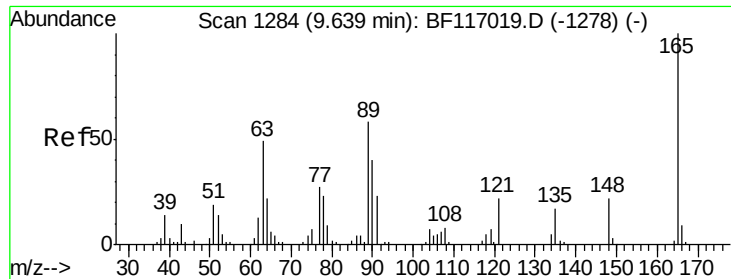
194 3.5 2.9 4.3

164 9.9 8.2 12.4



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

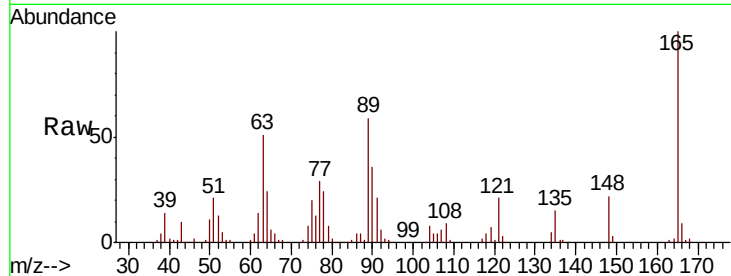




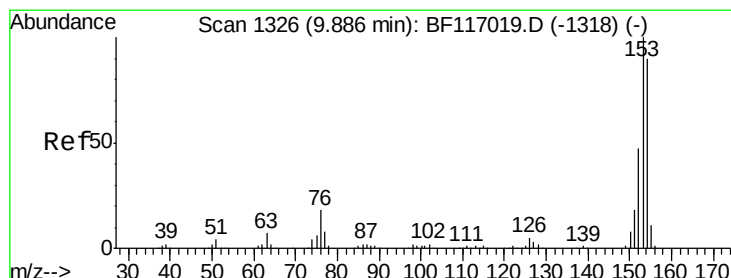
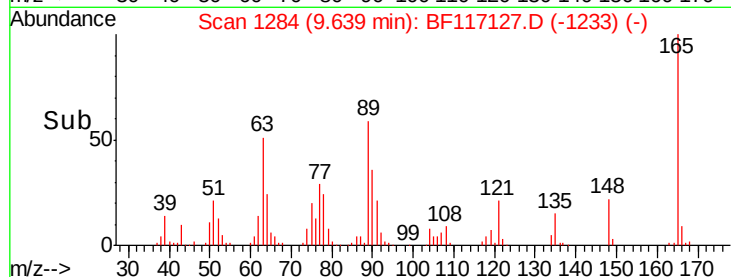
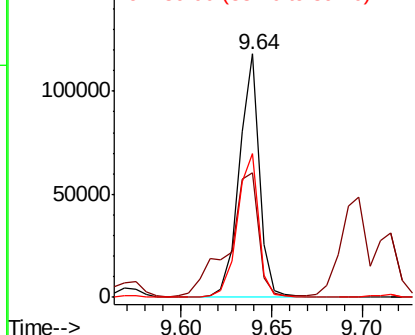
#51  
 2,6-Dinitrotoluene  
 Concen: 46.253 ng  
 RT: 9.64 min Scan# 1284  
 Delta R.T. 0.00 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-47-COMPMSD

Tot Ion:165 Resp: 91524  
 Ion Ratio Lower Upper  
 165 100  
 63 51.3 41.8 62.8  
 89 59.0 46.5 69.7

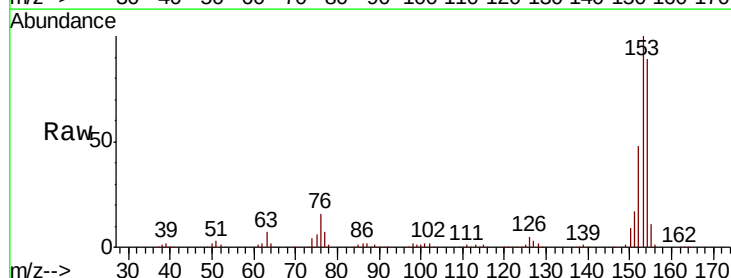


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

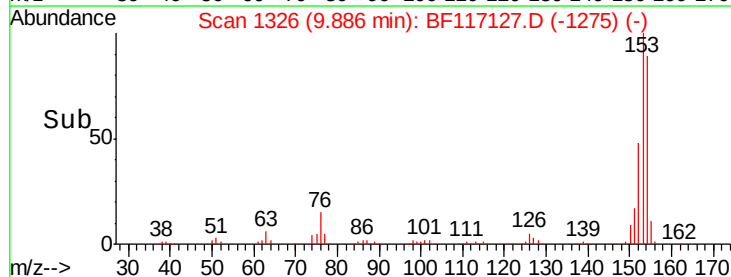
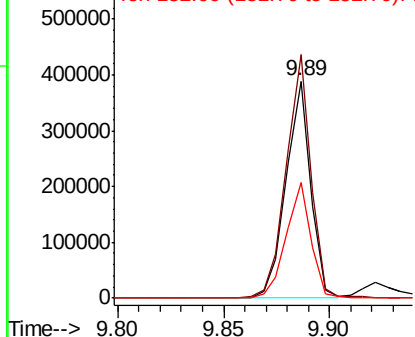


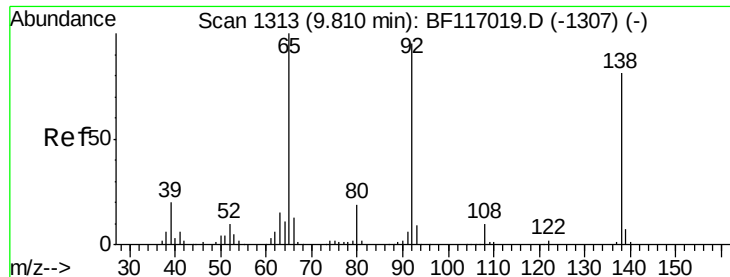
#52  
 Acenaphthene  
 Concen: 42.119 ng  
 RT: 9.89 min Scan# 1326  
 Delta R.T. 0.00 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

Tgt Ion:154 Resp: 317717  
 Ion Ratio Lower Upper  
 154 100  
 153 112.2 89.0 133.6  
 152 53.5 41.9 62.9



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

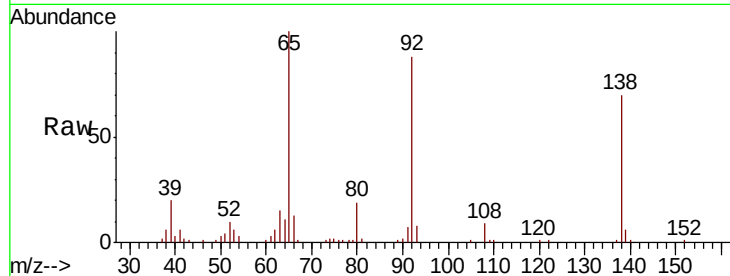




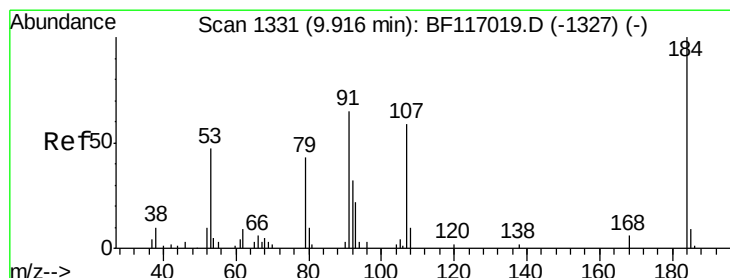
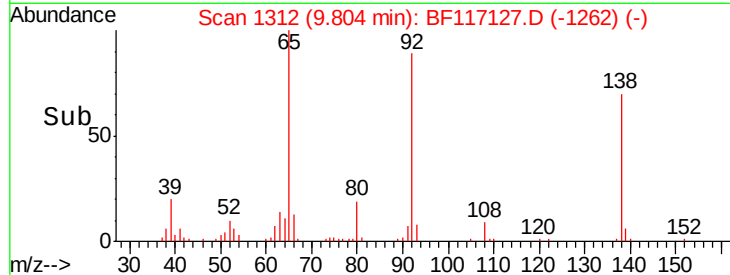
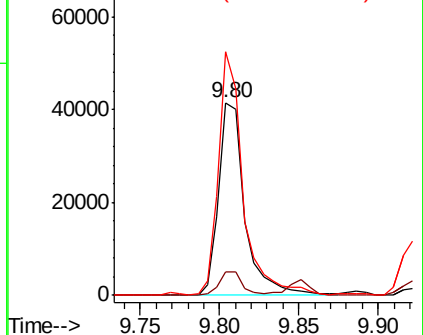
#53  
3-Nitroaniline  
Concen: 19.123 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

Tot Ion:138 Resp: 47743  
Ion Ratio Lower Upper  
138 100  
108 12.3 9.5 14.3  
92 126.3 94.1 141.1

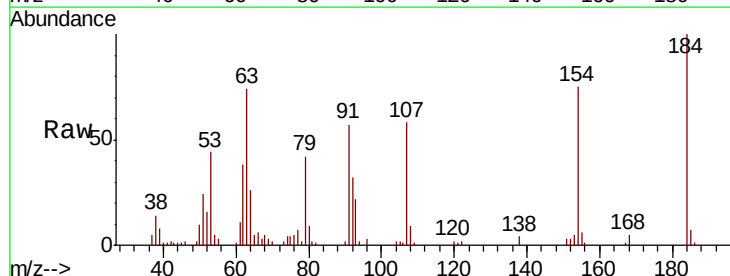


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

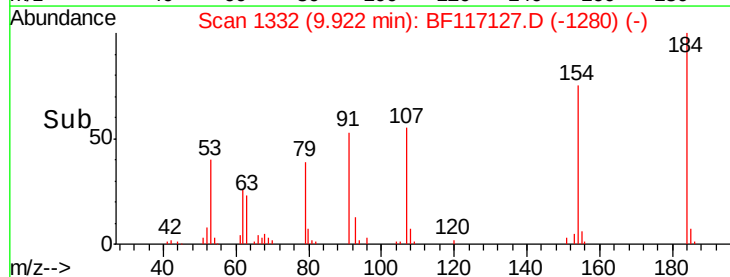
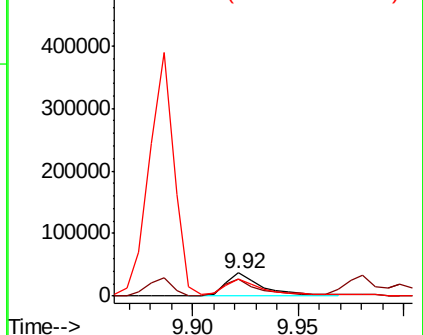


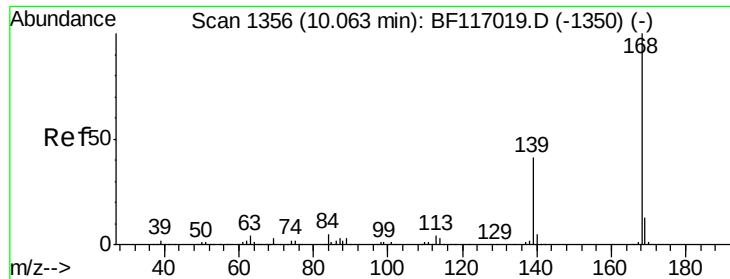
#54  
2,4-Dinitrophenol  
Concen: 56.520 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. 0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Tgt Ion:184 Resp: 45695  
Ion Ratio Lower Upper  
184 100  
63 73.8 63.8 95.6  
154 75.2 60.4 90.6



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

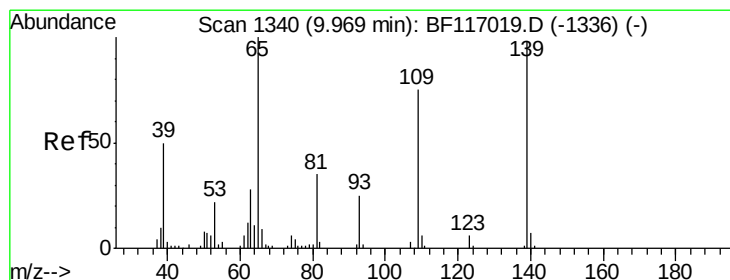
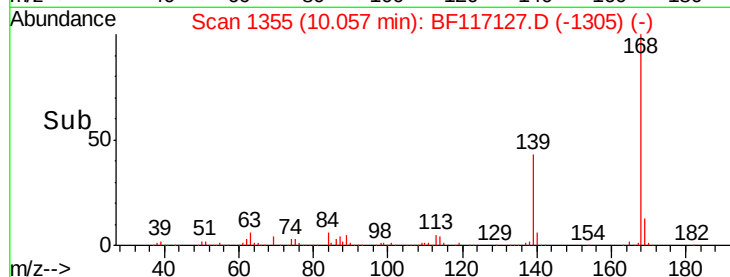
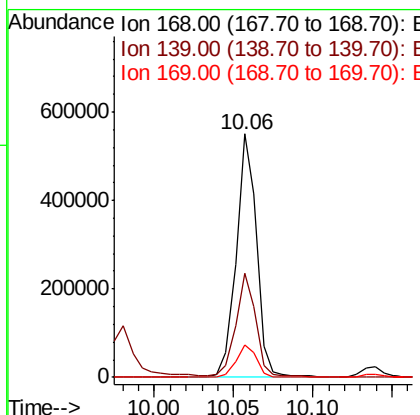
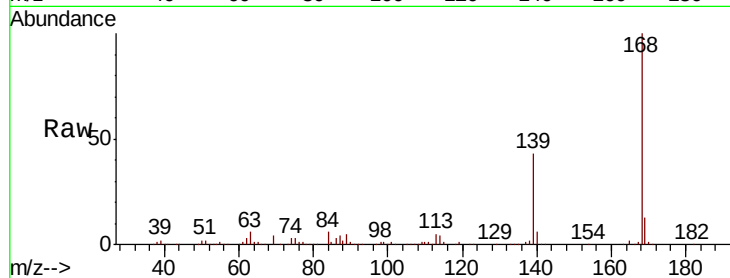




#55  
Dibenzenofuran  
Concen: 43.942 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

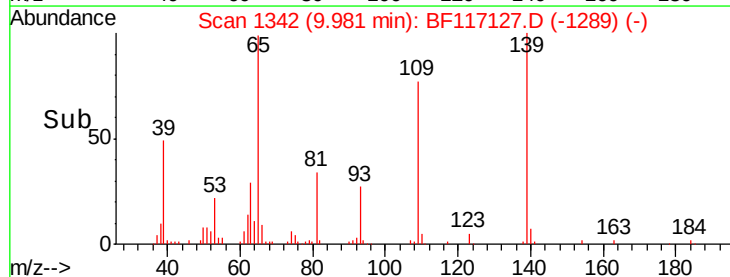
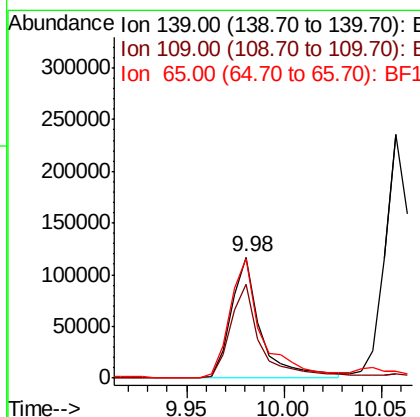
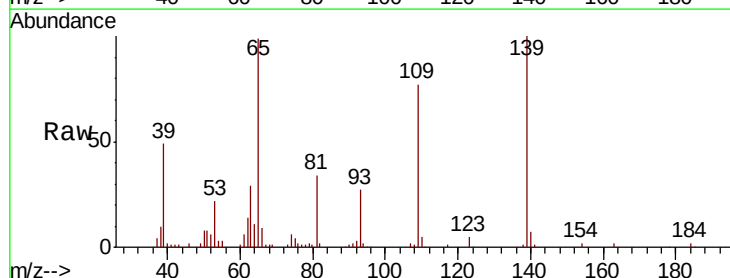
Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

Tot Ion:168 Resp: 489059  
Ion Ratio Lower Upper  
168 100  
139 42.8 32.8 49.2  
169 13.4 10.5 15.7

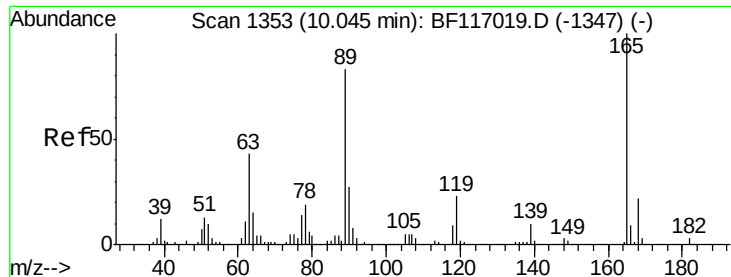


#56  
4-Nitrophenol  
Concen: 76.406 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Tgt Ion:139 Resp: 123631  
Ion Ratio Lower Upper  
139 100  
109 77.4 56.4 96.4  
65 98.9 82.5 122.5







#57

2,4-Dinitrotoluene

Concen: 48.447 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

Tot Ion:165 Resp: 124439

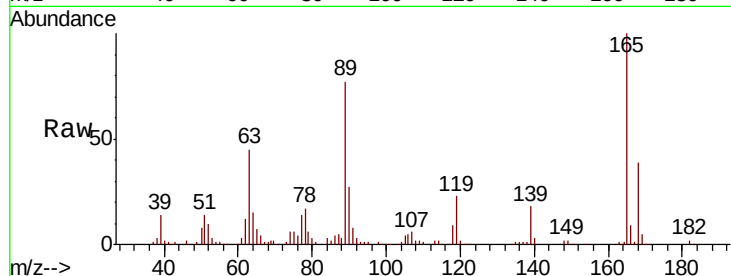
Ion Ratio Lower Upper

165 100

63 44.7 35.0 52.4

89 77.1 66.1 99.1

182 2.2 2.0 3.0

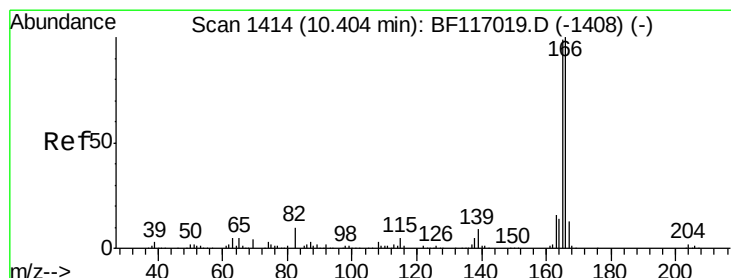
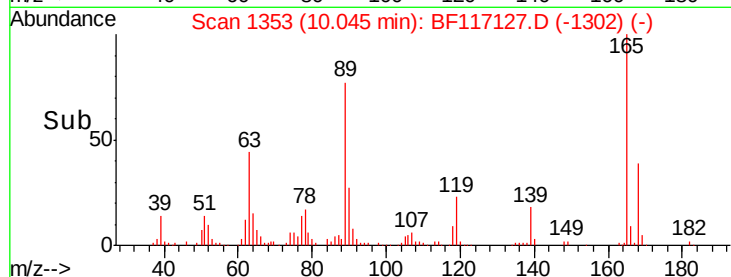
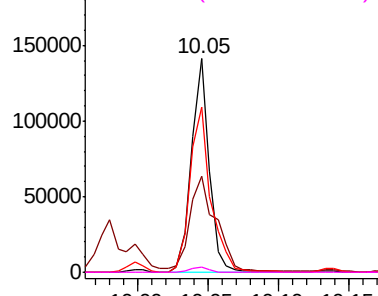


Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.638 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

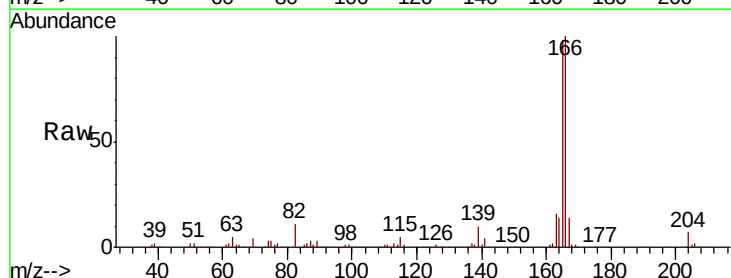
Tgt Ion:166 Resp: 400192

Ion Ratio Lower Upper

166 100

165 97.7 78.9 118.3

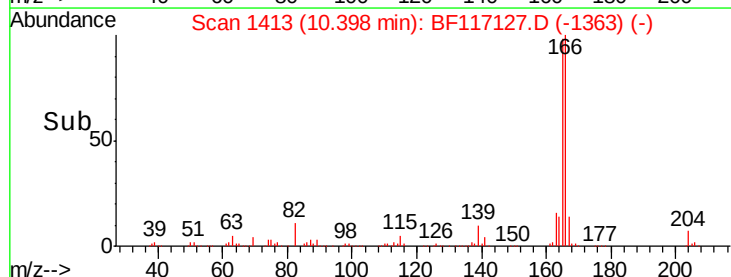
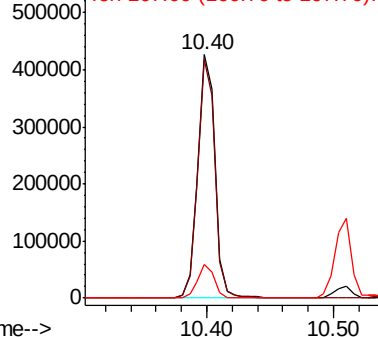
167 13.7 10.6 15.8

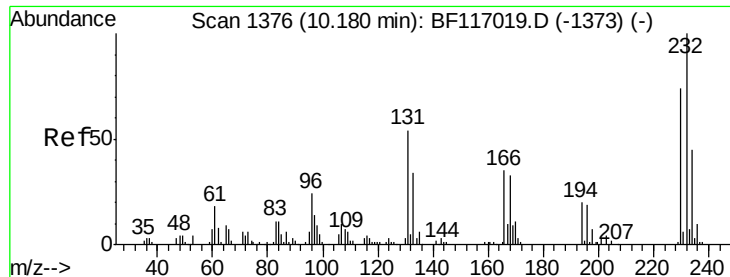


Abundance Ion 166.00 (165.70 to 166.70): E

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: 42.659 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

Tot Ion:232 Resp: 83867

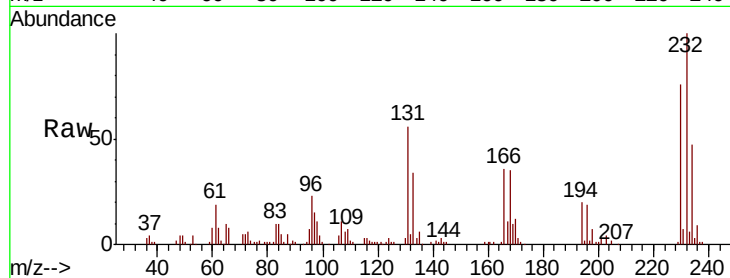
Ion Ratio Lower Upper

232 100

131 55.2 45.3 67.9

130 2.5 1.8 2.8

166 36.3 29.4 44.2

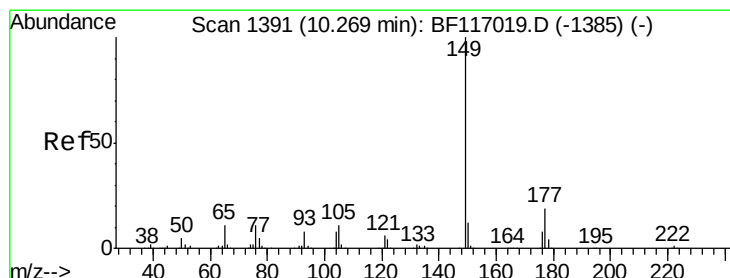
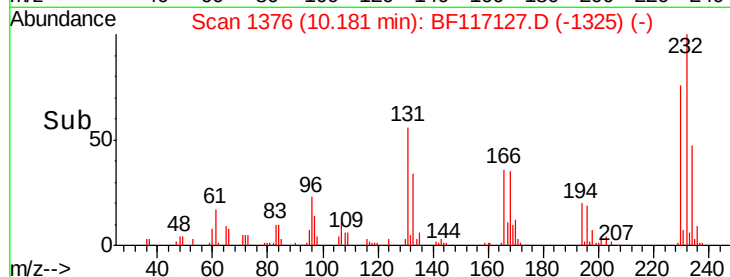
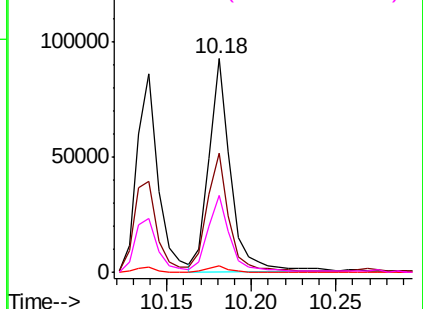


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.331 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

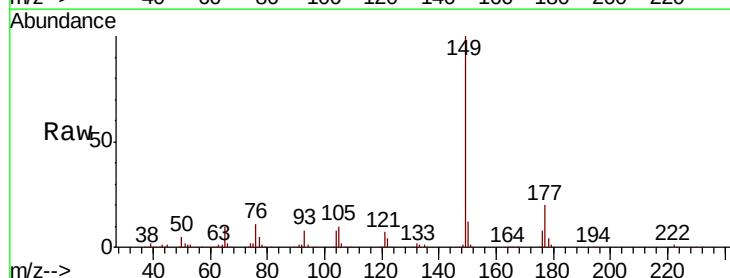
Tgt Ion:149 Resp: 414177

Ion Ratio Lower Upper

149 100

177 20.3 15.2 22.8

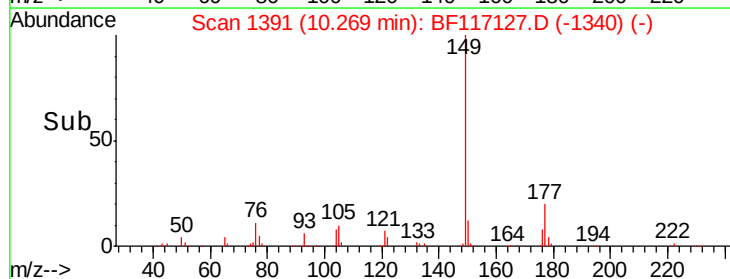
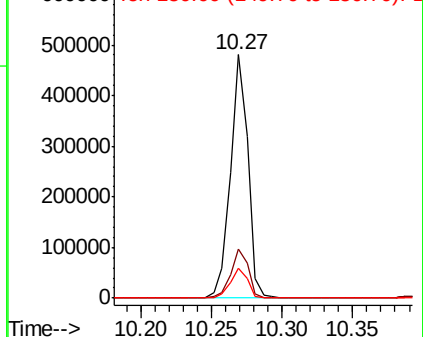
150 12.4 9.9 14.9

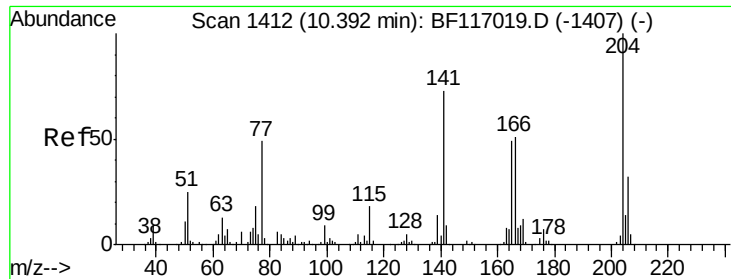


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

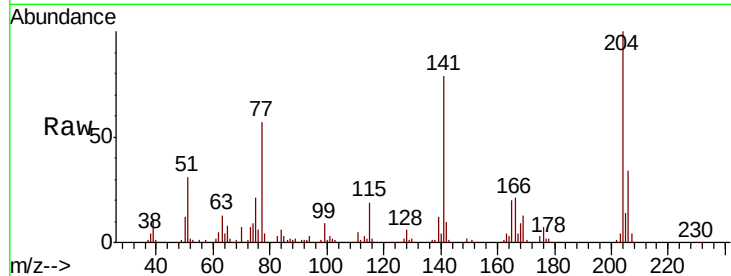




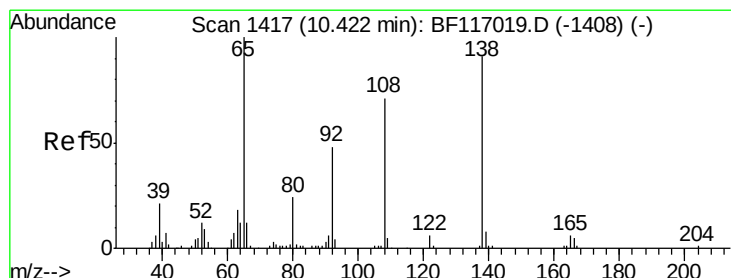
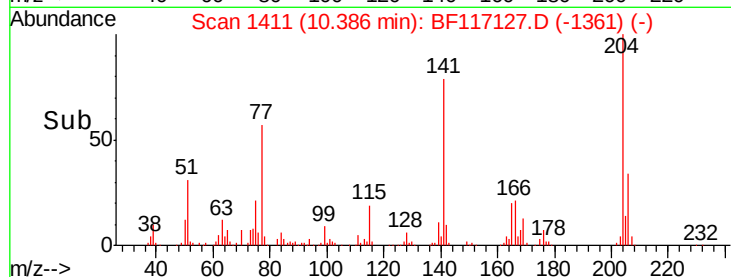
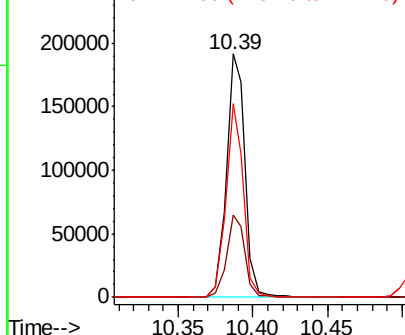
#61  
4-Chlorophenyl-phenylether  
Concen: 43.628 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

Tot Ion:204 Resp: 169234  
Ion Ratio Lower Upper  
204 100  
206 33.9 26.0 39.0  
141 79.4 58.2 87.2

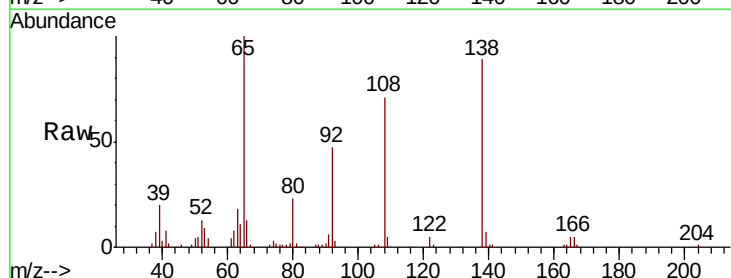


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

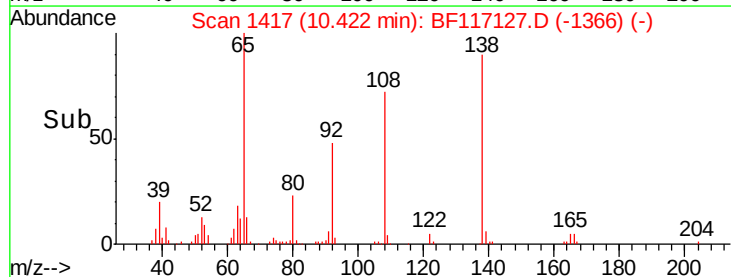
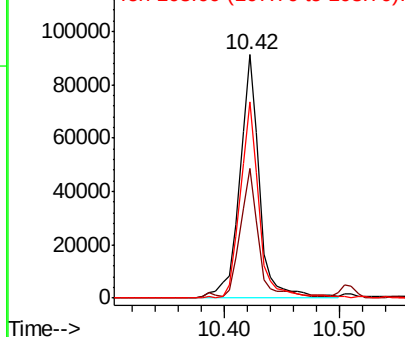


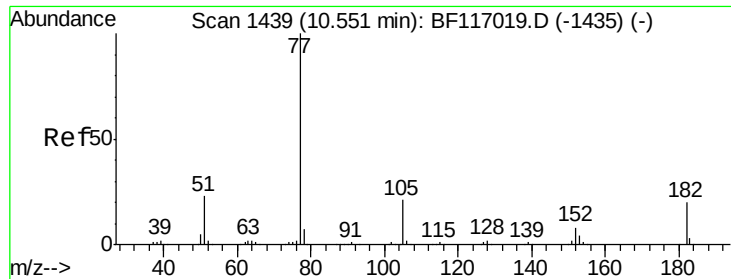
#62  
4-Nitroaniline  
Concen: 41.881 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Tgt Ion:138 Resp: 108738  
Ion Ratio Lower Upper  
138 100  
92 53.0 32.9 72.9  
108 80.4 58.3 98.3



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





#63

Azobenzene

Concen: 43.092 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

Tot Ion: 77 Resp: 420679

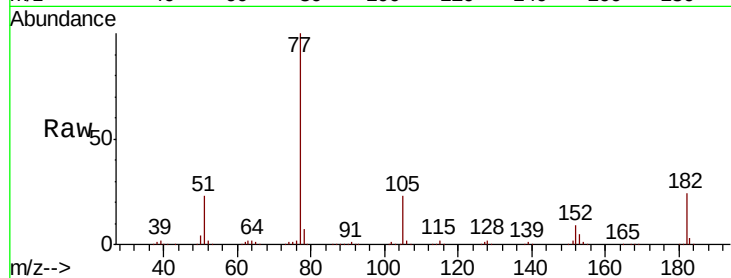
Ion Ratio Lower Upper

77 100

182 24.4 0.4 40.4

105 22.8 0.9 40.9

51 22.8 2.8 42.8

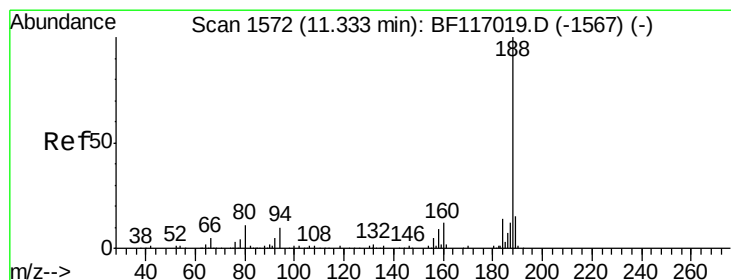
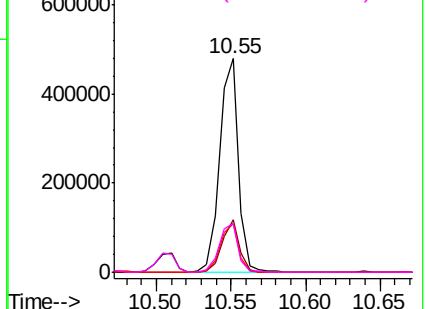
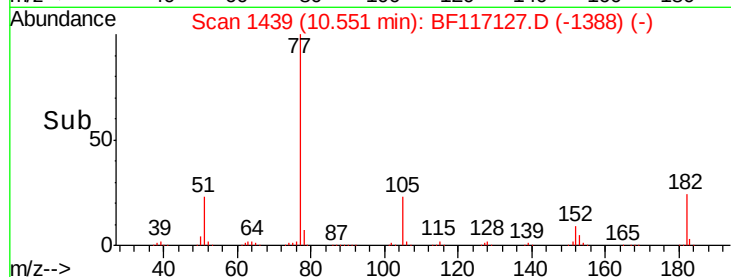


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

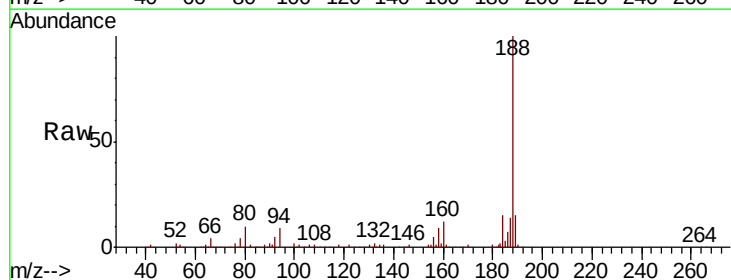
Tgt Ion: 188 Resp: 235954

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

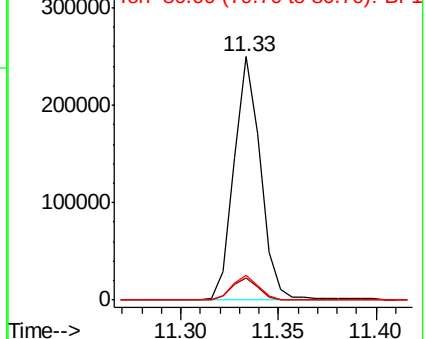
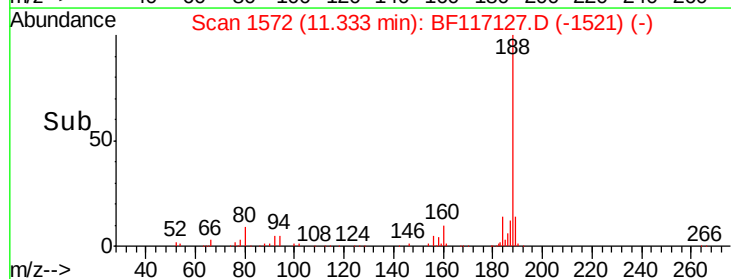
80 10.1 9.0 13.6

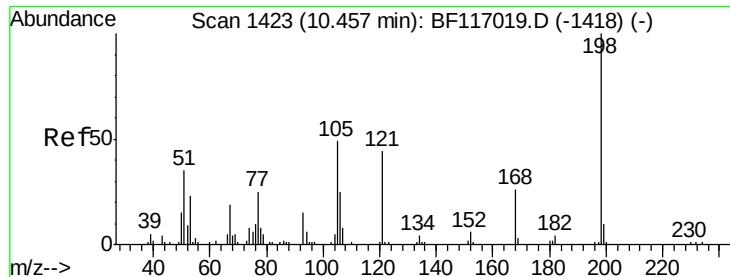


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.509 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

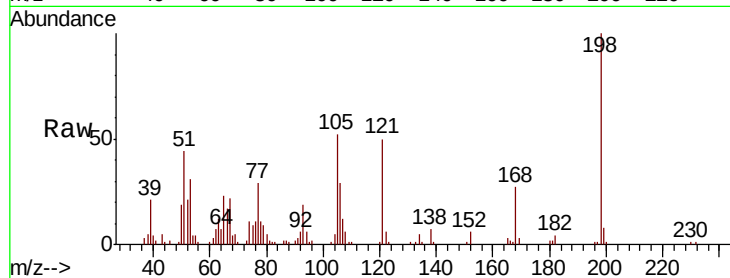
Tot Ion:198 Resp: 42199

Ion Ratio Lower Upper

198 100

51 44.1 18.7 58.7

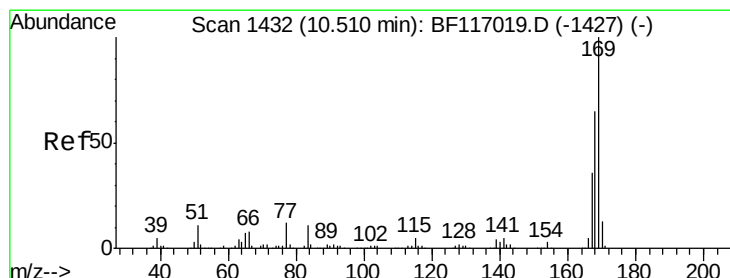
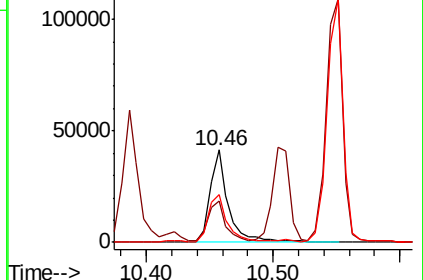
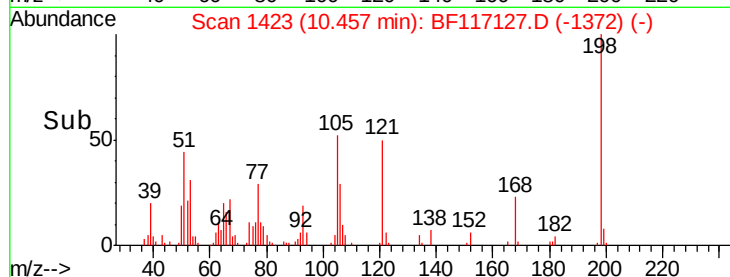
105 52.2 30.2 70.2



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: 42.223 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

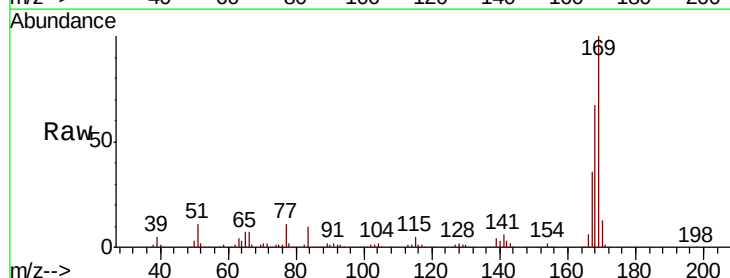
Tgt Ion:169 Resp: 344073

Ion Ratio Lower Upper

169 100

168 67.1 52.2 78.2

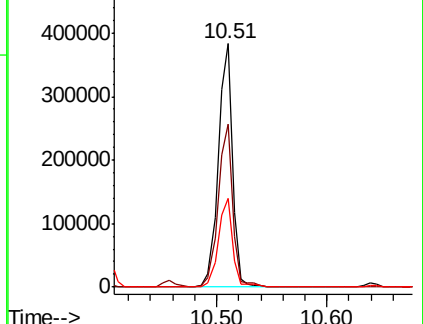
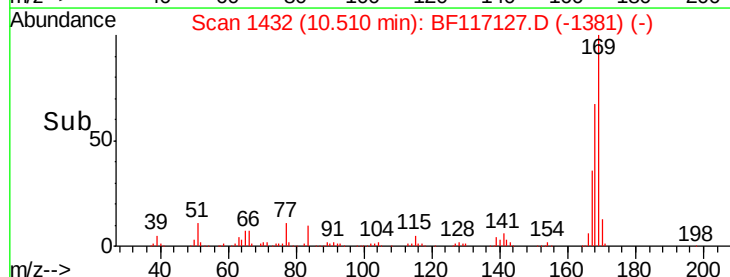
167 36.3 28.8 43.2

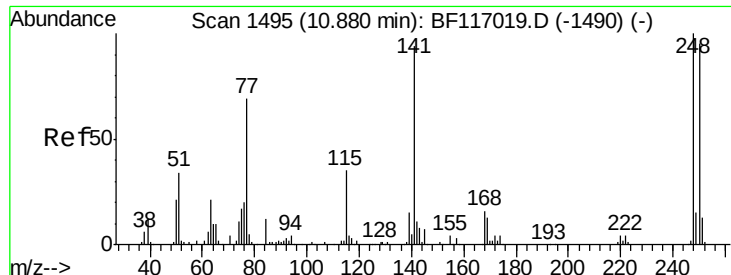


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

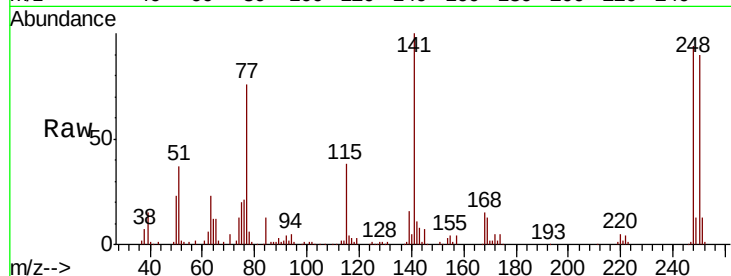




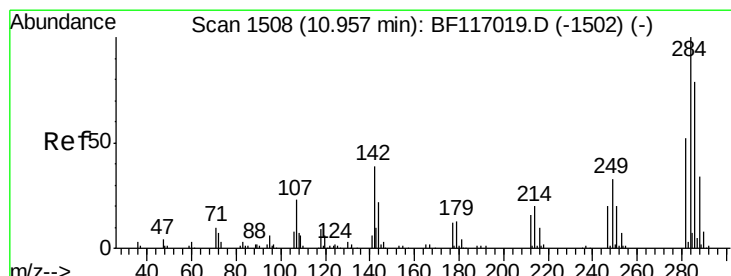
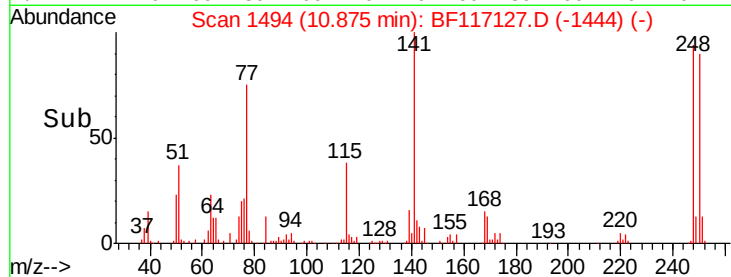
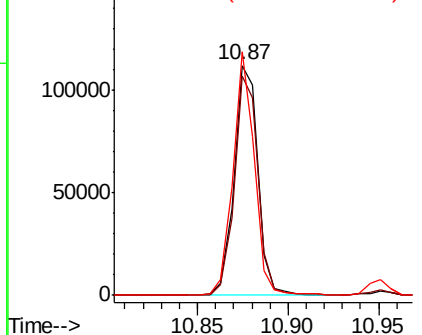
#67  
 4-Bromophenyl-phenylether  
 Concen: 42.510 ng  
 RT: 10.87 min Scan# 1494  
 Delta R.T. -0.01 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-47-COMPMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 248   | Resp: | 102434 |
| Ion      | Ratio | Lower | Upper  |
| 248      | 100   |       |        |
| 250      | 95.5  | 76.2  | 114.4  |
| 141      | 106.0 | 75.0  | 112.4  |

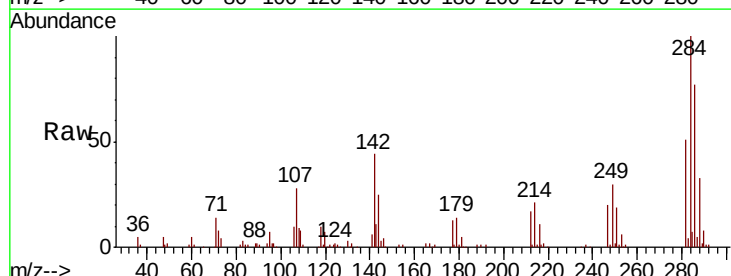


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

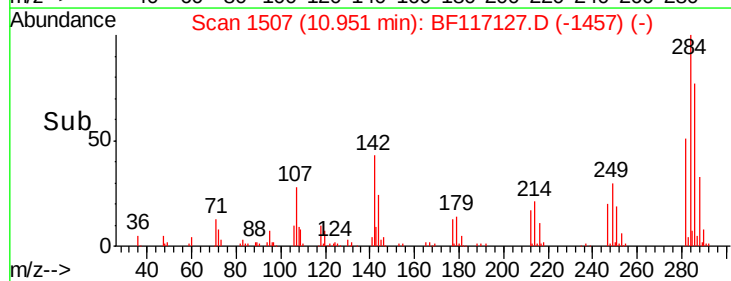
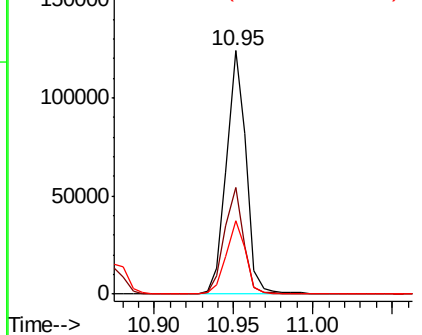


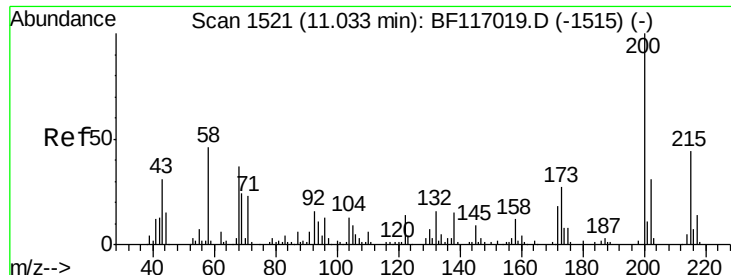
#68  
 Hexachlorobenzene  
 Concen: 40.393 ng  
 RT: 10.95 min Scan# 1507  
 Delta R.T. -0.01 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 284   | Resp: | 106460 |
| Ion      | Ratio | Lower | Upper  |
| 284      | 100   |       |        |
| 142      | 43.8  | 31.4  | 47.2   |
| 249      | 30.3  | 26.5  | 39.7   |



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

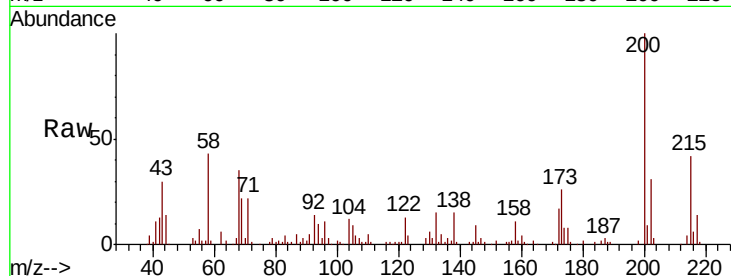




#69  
 Atrazine  
 Concen: 51.504 ng  
 RT: 11.03 min Scan# 1521  
 Delta R.T. 0.00 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-47-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.9  | 6.9   | 46.9  |
| 215     | 41.7  | 23.8  | 63.8  |

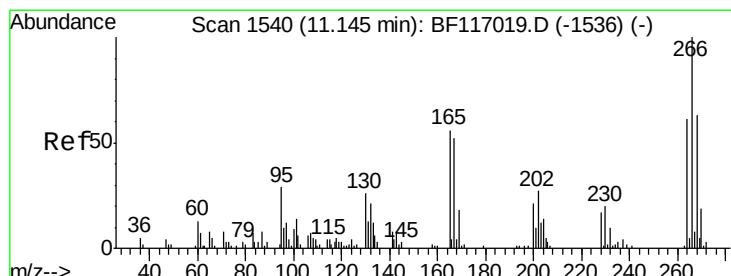
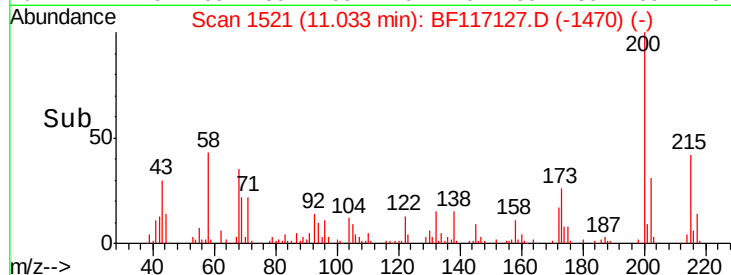
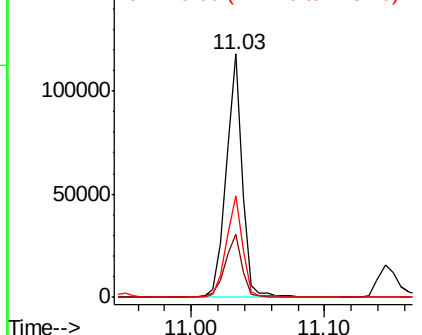


Abundance

Ion 200.00 (199.70 to 200.70): E

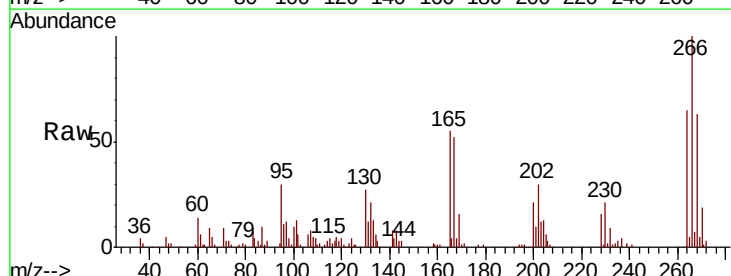
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
 Pentachlorophenol  
 Concen: 72.909 ng  
 RT: 11.15 min Scan# 1540  
 Delta R.T. 0.00 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.0  | 50.5  | 75.7  |
| 264     | 64.6  | 48.8  | 73.2  |

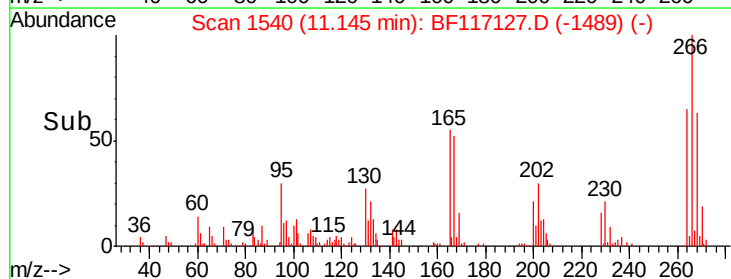
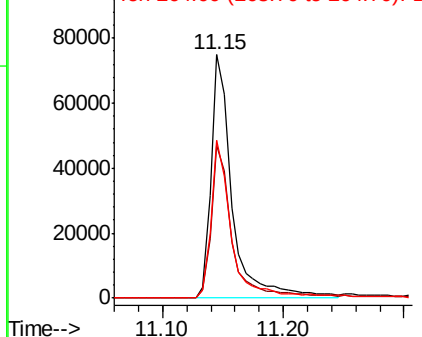


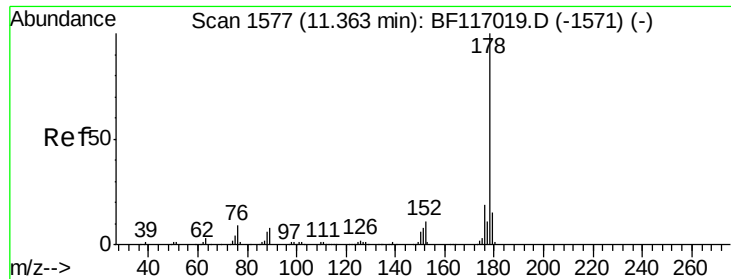
Abundance

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

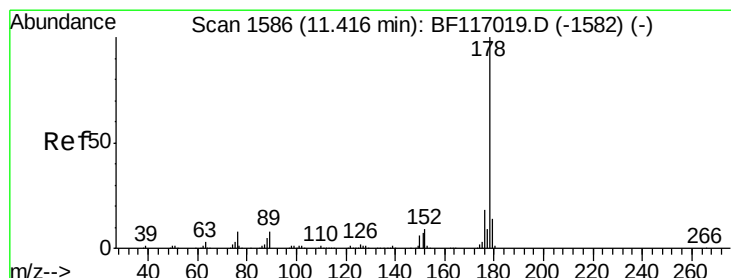
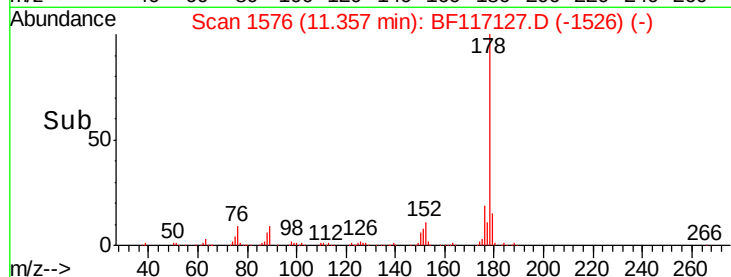
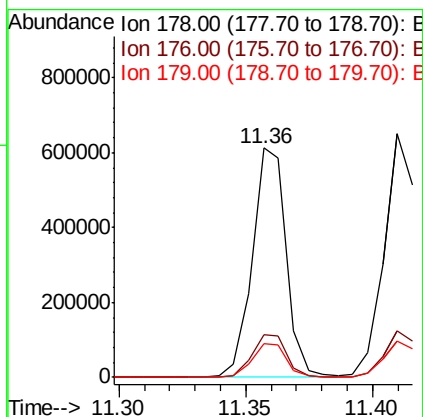
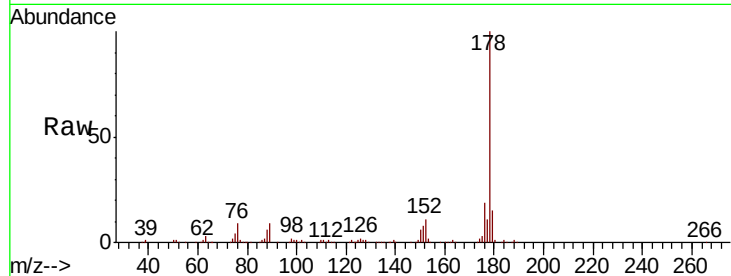




#71  
Phenanthrene  
Concen: 42.562 ng  
RT: 11.36 min Scan# 1576  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

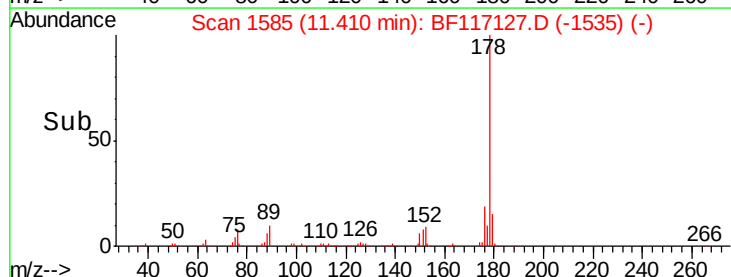
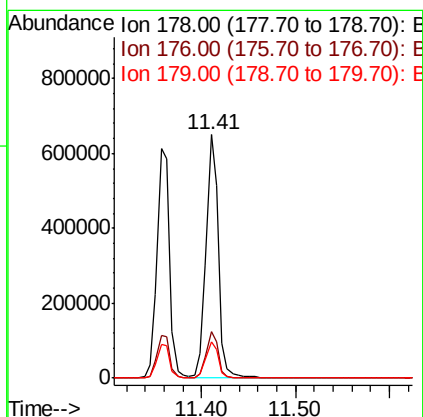
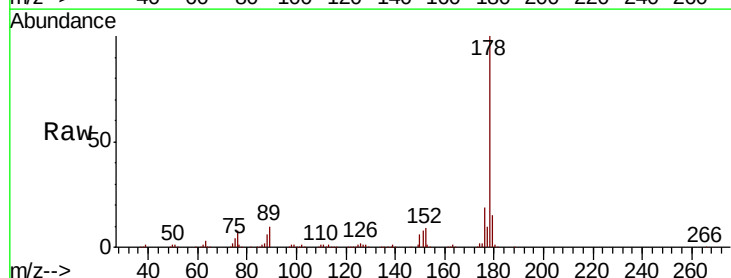
Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

Tot Ion:178 Resp: 570423  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.4 23.2  
179 14.9 12.4 18.6

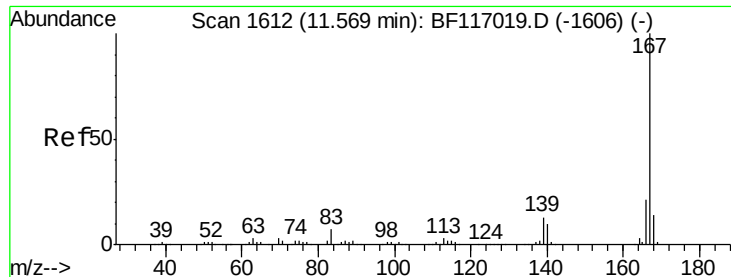


#72  
Anthracene  
Concen: 44.231 ng  
RT: 11.41 min Scan# 1585  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Tgt Ion:178 Resp: 605188  
Ion Ratio Lower Upper  
178 100  
176 19.1 14.6 21.8  
179 15.0 11.6 17.4



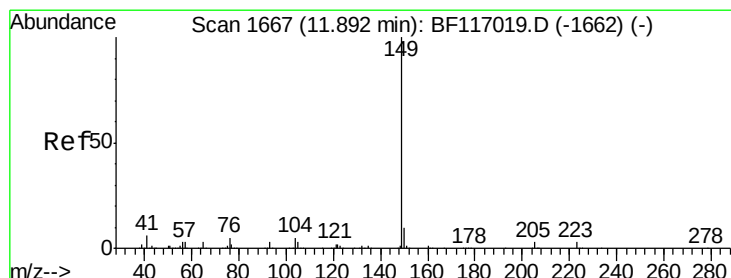
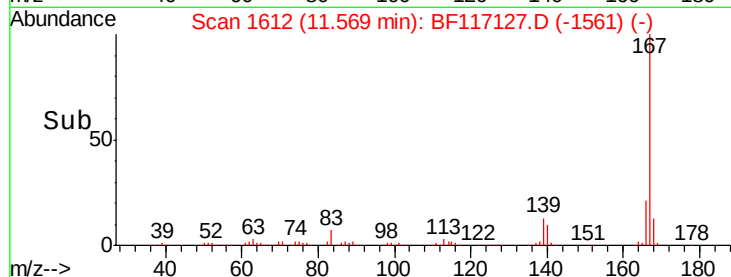
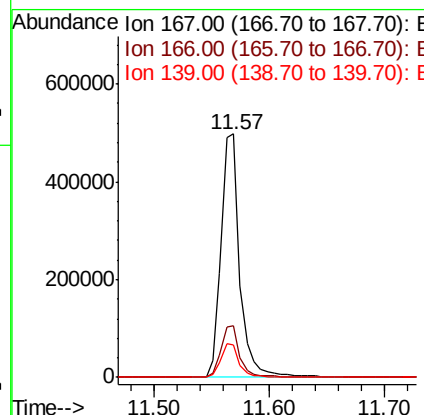
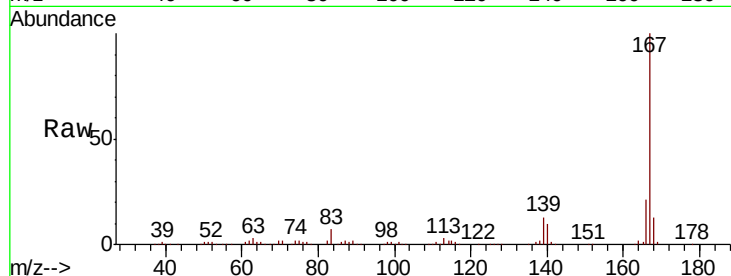




#73  
 Carbazole  
 Concen: 43.340 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. 0.00 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

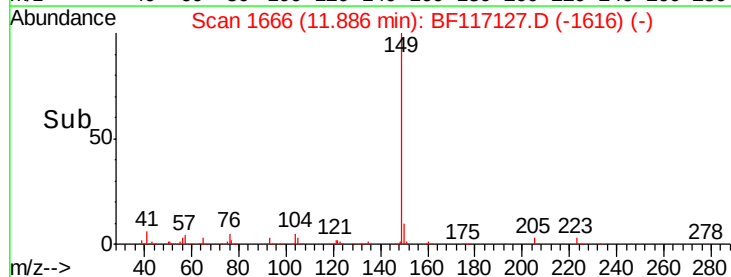
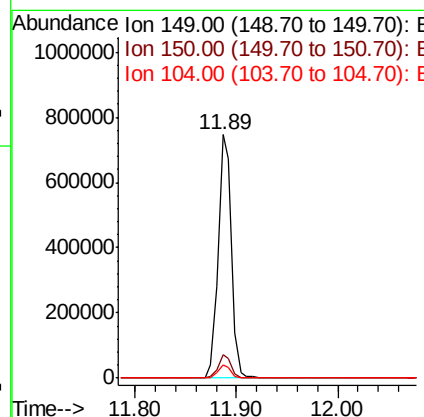
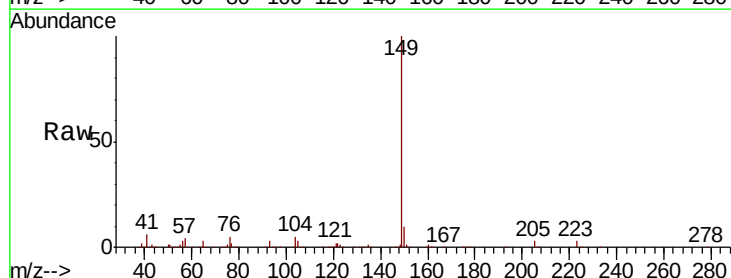
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-47-COMPMSD

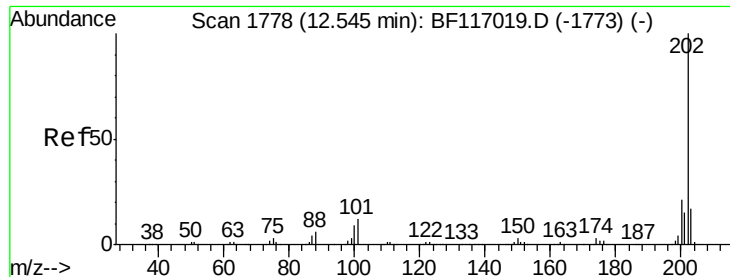
Tot Ion:167 Resp: 562882  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 17.2 25.8  
 139 13.2 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 43.832 ng  
 RT: 11.89 min Scan# 1666  
 Delta R.T. -0.01 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

Tgt Ion:149 Resp: 677310  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.7 11.5  
 104 5.4 4.2 6.4

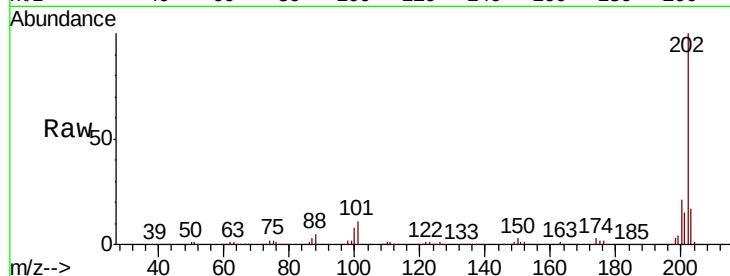




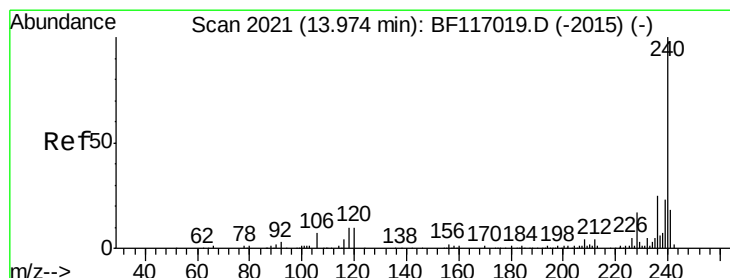
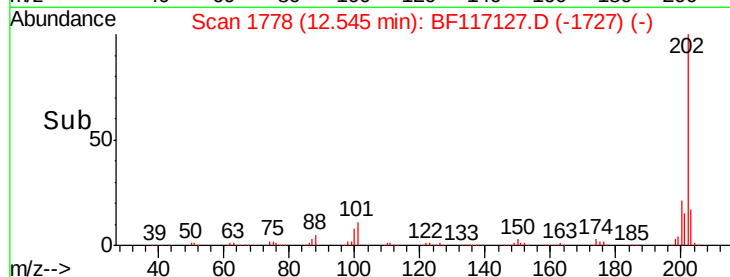
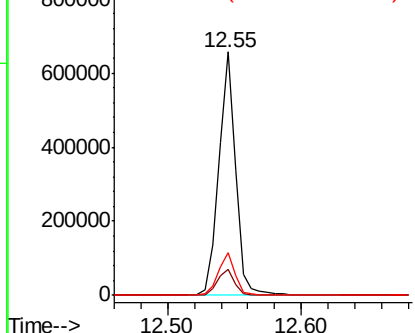
#75  
 Fluoranthene  
 Concen: 42.770 ng  
 RT: 12.55 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-47-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.7  | 0.0   | 32.3  |
| 203     | 17.3  | 0.0   | 37.1  |

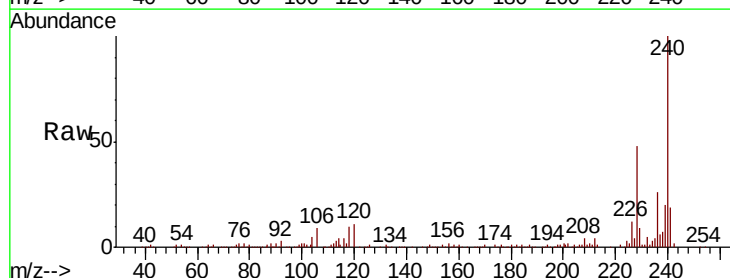


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

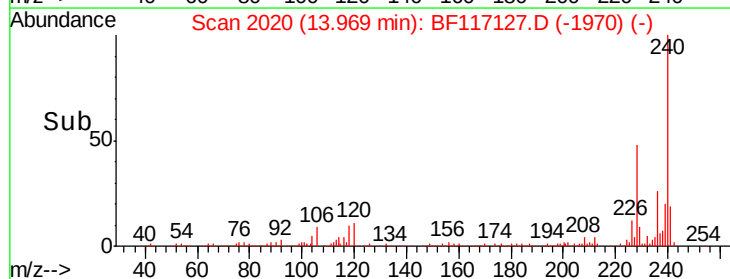
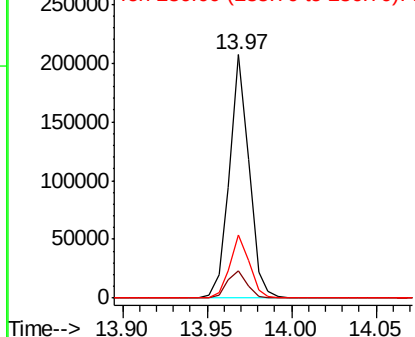


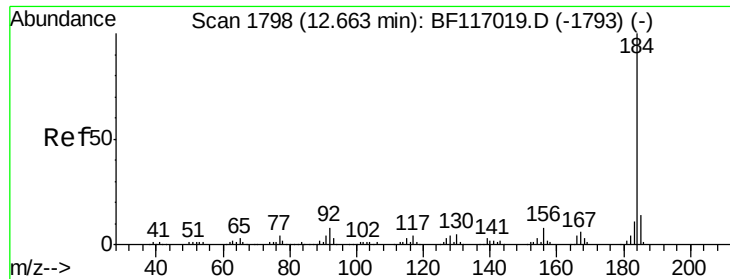
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2020  
 Delta R.T. -0.01 min  
 Lab File: BF117127.D  
 Acq: 18 Sep 2019 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.2  | 8.3   | 12.5  |
| 236     | 25.8  | 20.3  | 30.5  |



Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E

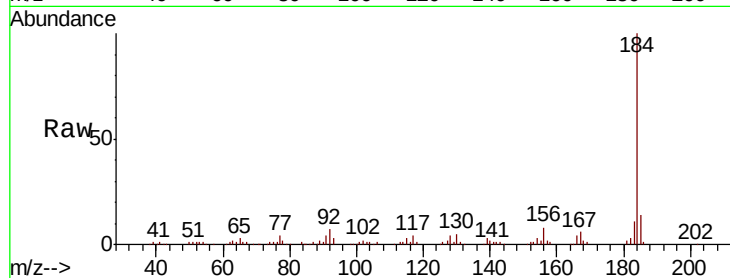




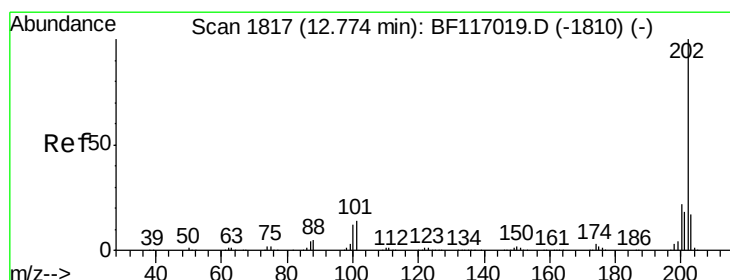
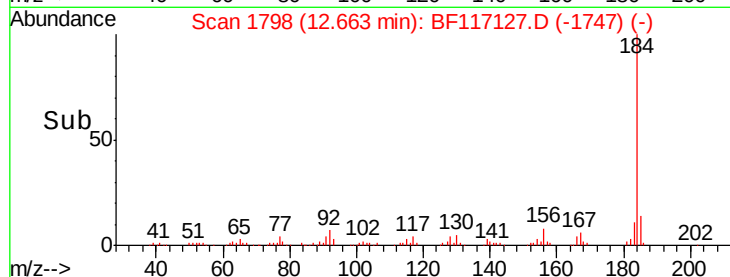
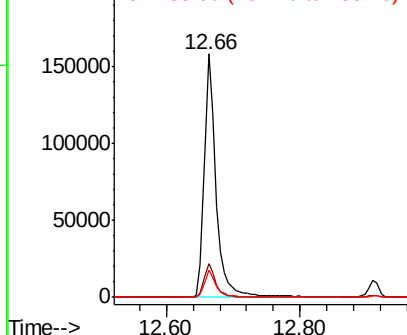
#77  
Benzidine  
Concen: 35.997 ng  
RT: 12.66 min Scan# 1798  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

Tot Ion:184 Resp: 193960  
Ion Ratio Lower Upper  
184 100  
185 13.7 11.6 17.4  
183 11.1 9.0 13.4

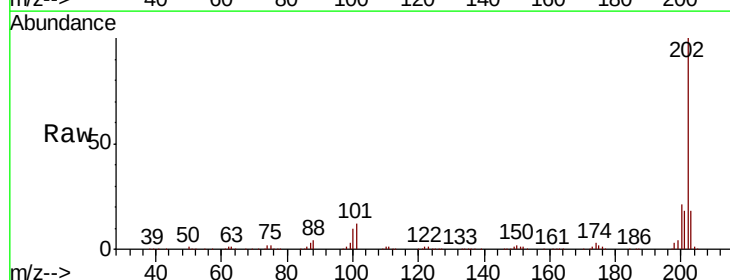


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E

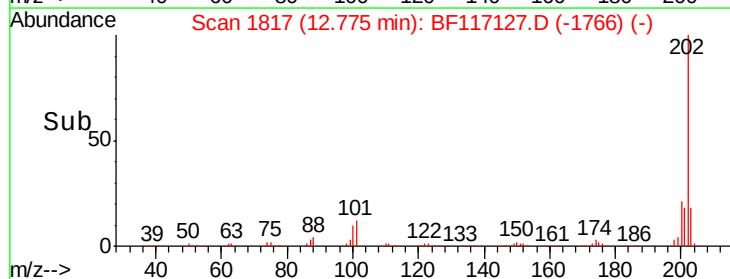
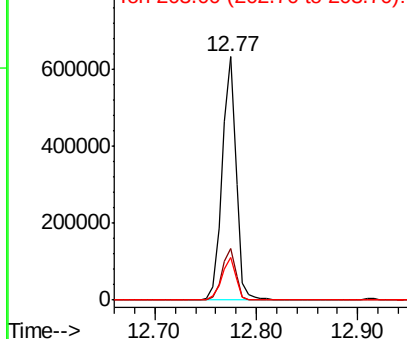


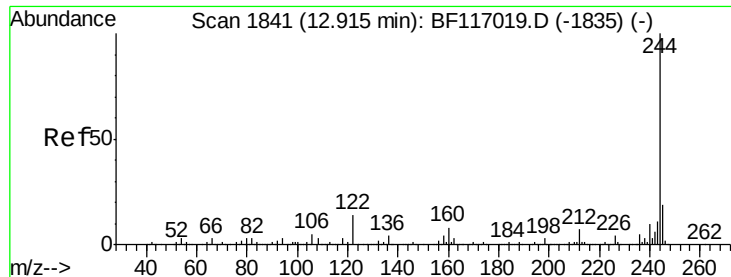
#78  
Pyrene  
Concen: 43.008 ng  
RT: 12.77 min Scan# 1817  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Tgt Ion:202 Resp: 603625  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.2 25.8  
203 17.6 14.0 21.0



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: 82.395 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

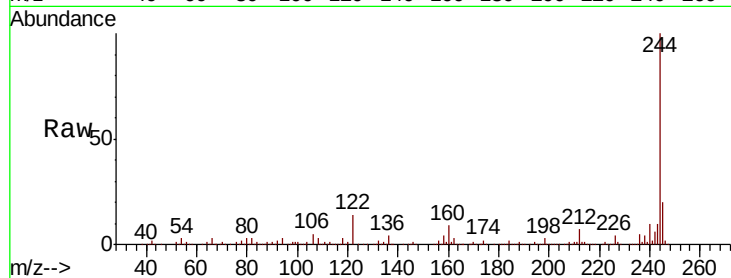
Tot Ion:244 Resp: 737315

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

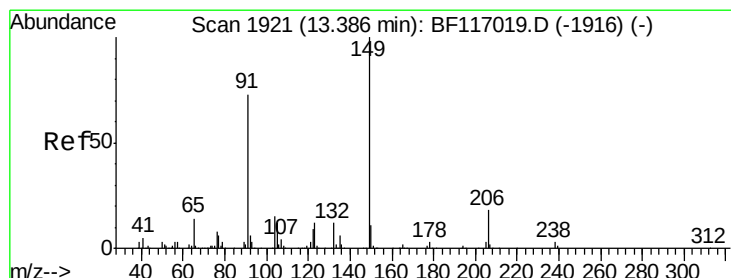
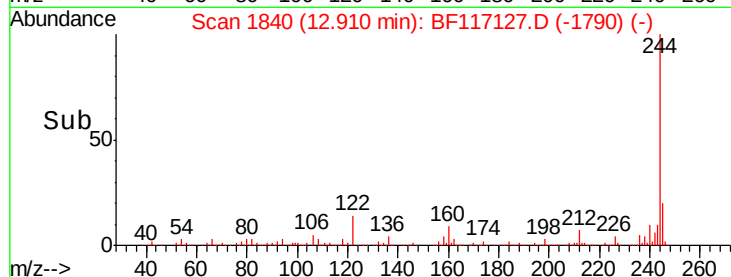
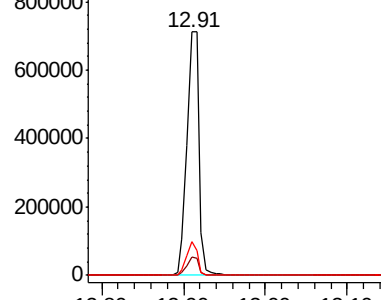
122 13.8 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.617 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

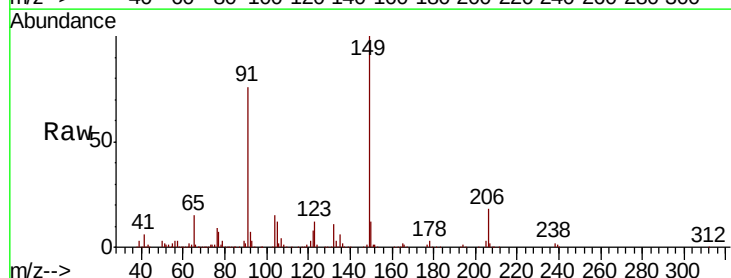
Tgt Ion:149 Resp: 289260

Ion Ratio Lower Upper

149 100

91 75.8 58.8 88.2

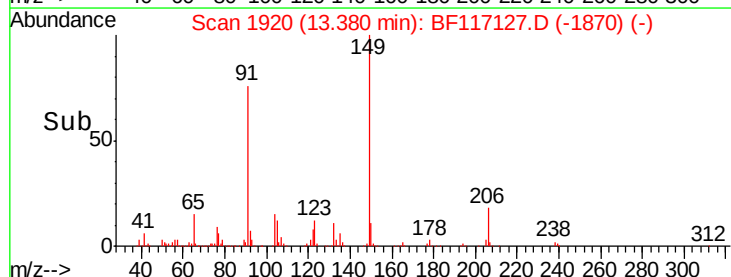
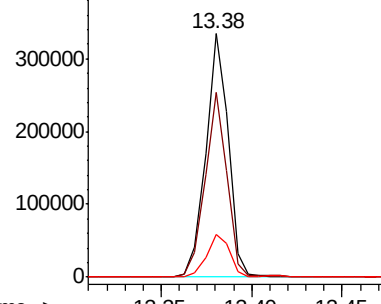
206 17.5 14.1 21.1

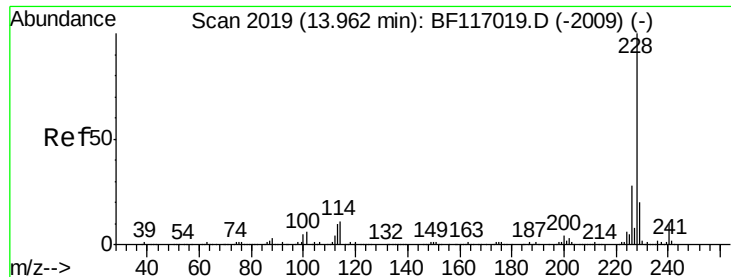


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

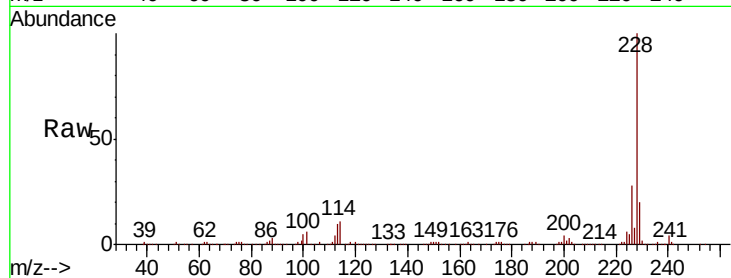




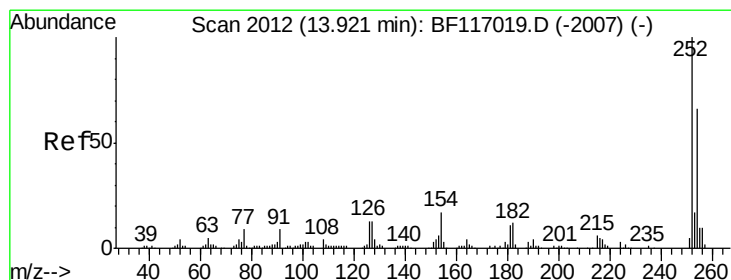
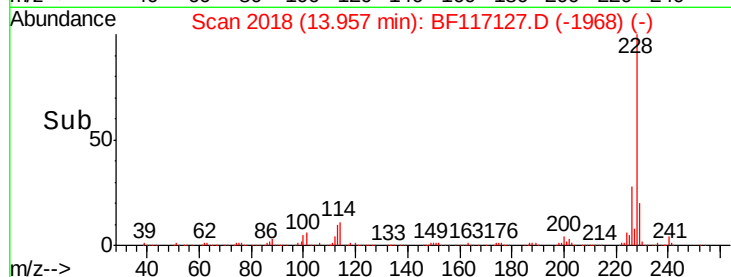
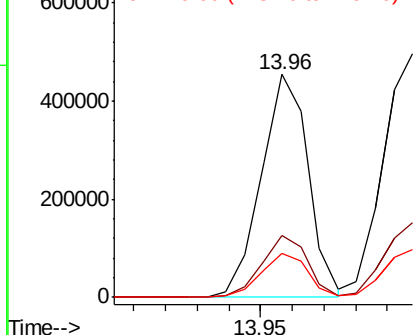
#81  
Benzo(a)anthracene  
Concen: 41.621 ng  
RT: 13.96 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

Tot Ion:228 Resp: 465133  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.3 33.5  
229 19.6 15.9 23.9

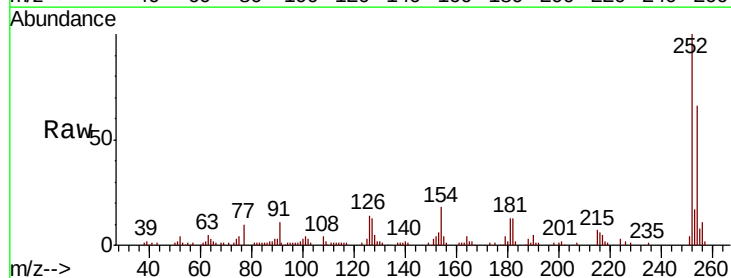


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

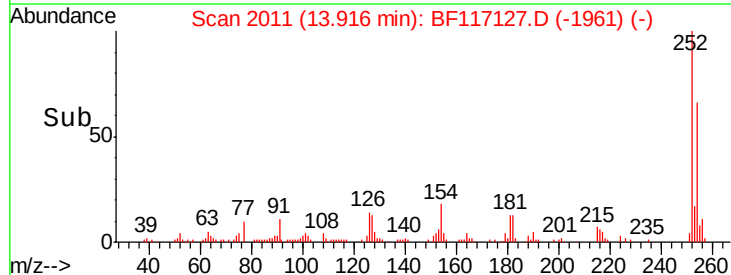
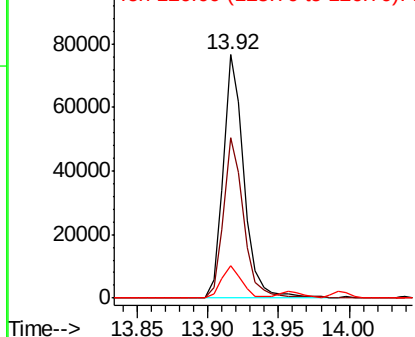


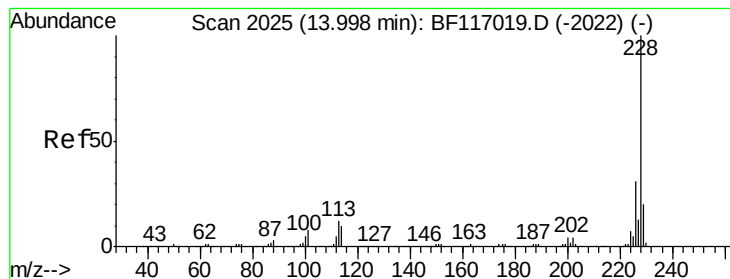
#82  
3,3'-Dichlorobenzidine  
Concen: 21.799 ng  
RT: 13.92 min Scan# 2011  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Tgt Ion:252 Resp: 78502  
Ion Ratio Lower Upper  
252 100  
254 66.0 52.6 79.0  
126 13.6 10.4 15.6



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: 42.834 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

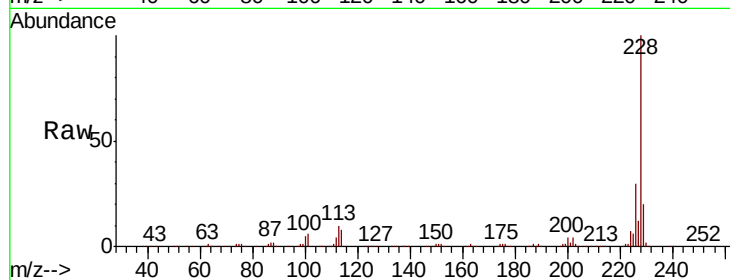
Tot Ion:228 Resp: 466875

Ion Ratio Lower Upper

228 100

226 30.4 24.8 37.2

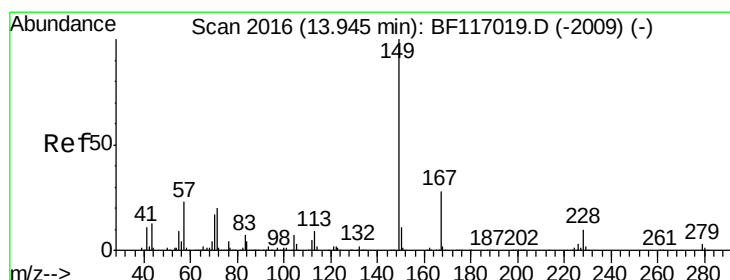
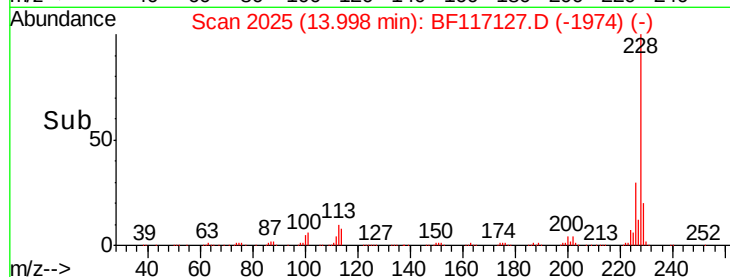
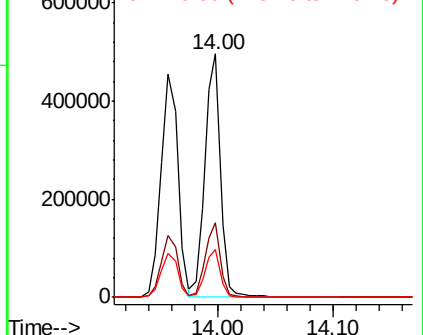
229 19.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.829 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

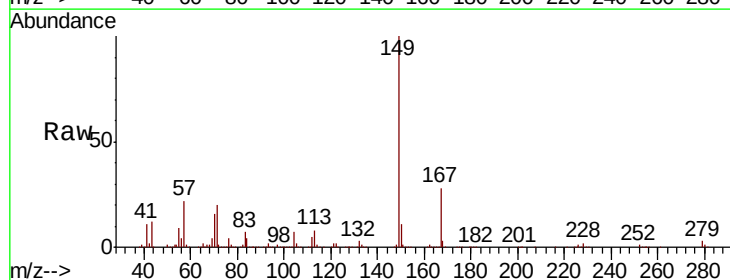
Tgt Ion:149 Resp: 391872

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

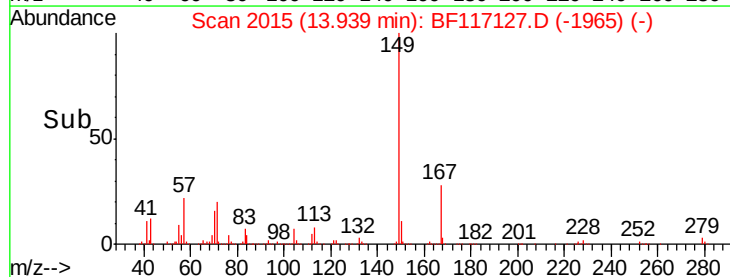
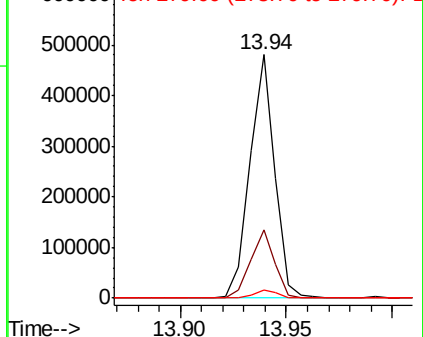
279 3.3 2.8 4.2

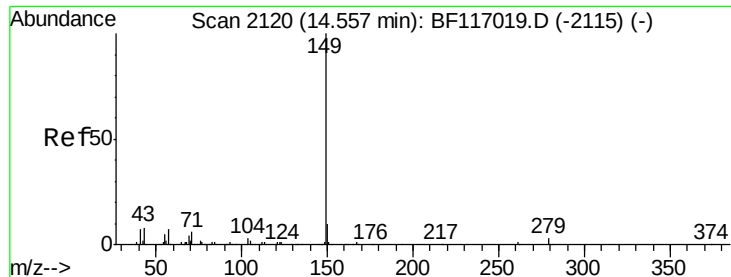


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.407 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA\_F

ClientSampleId :

SB-47-COMPMSD

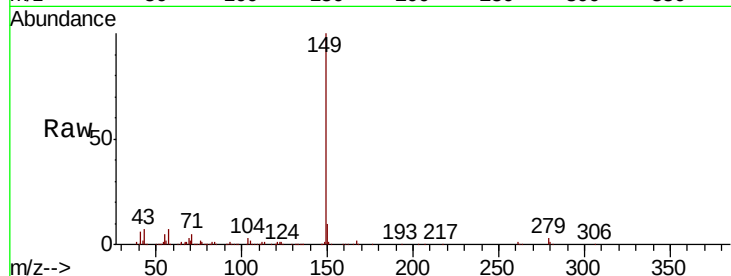
Tot Ion:149 Resp: 651481

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

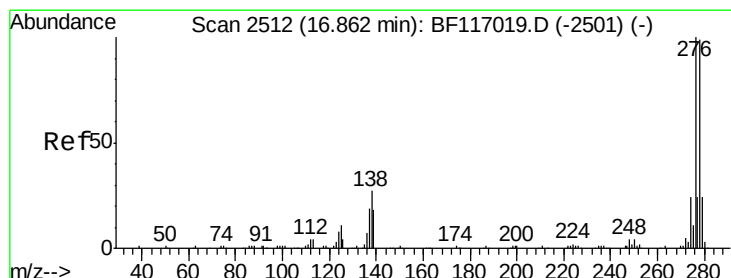
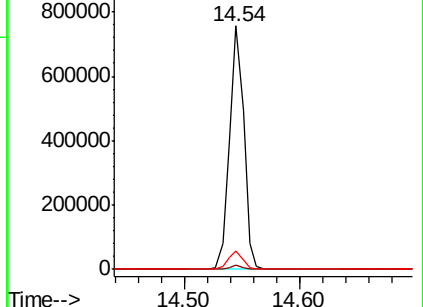
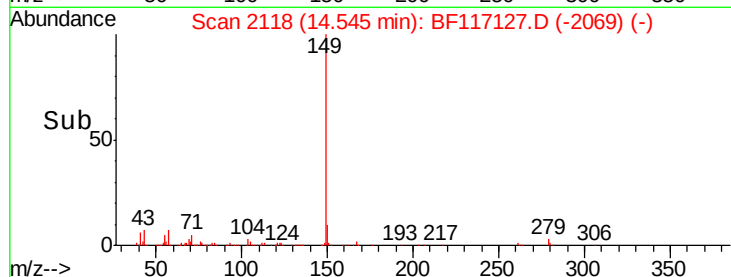
43 7.2 6.2 9.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.938 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

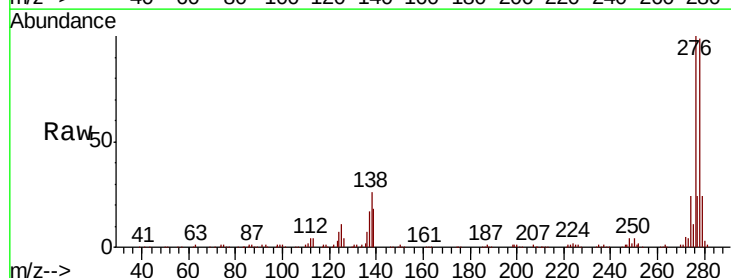
Tgt Ion:276 Resp: 381204

Ion Ratio Lower Upper

276 100

138 24.1 20.7 31.1

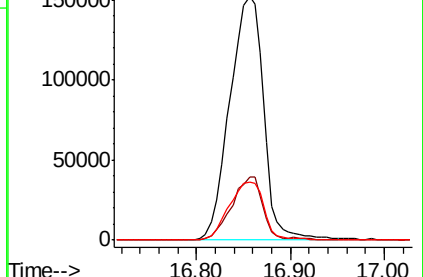
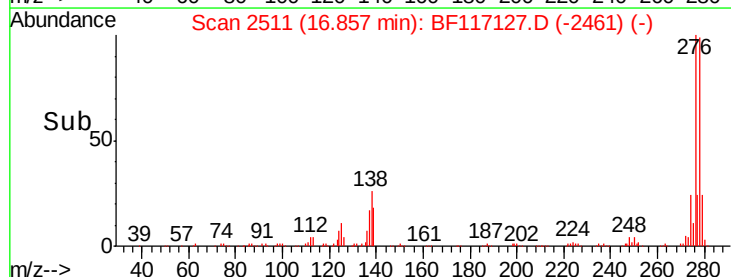
277 24.9 19.8 29.8

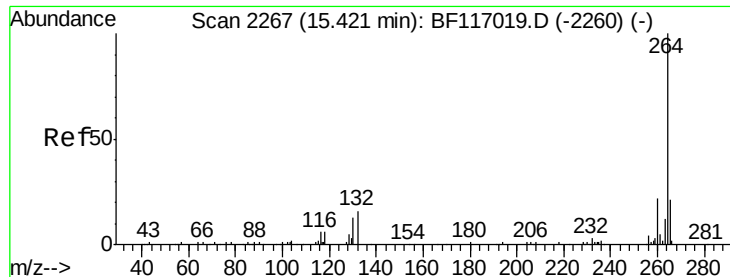


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



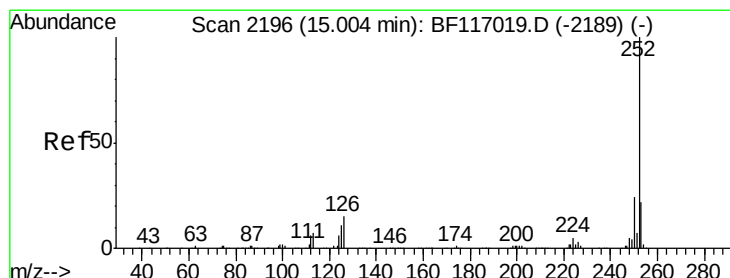
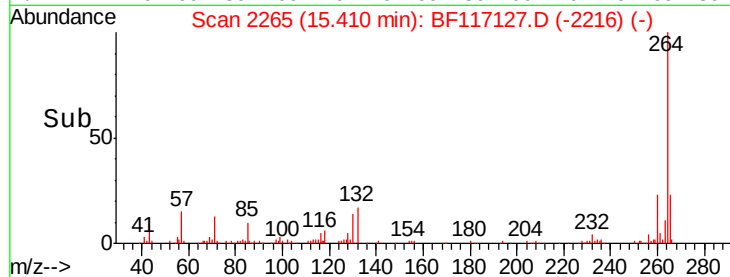
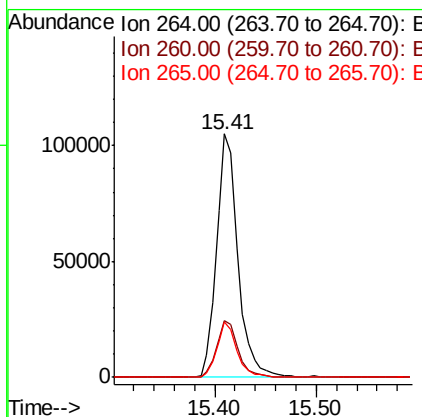
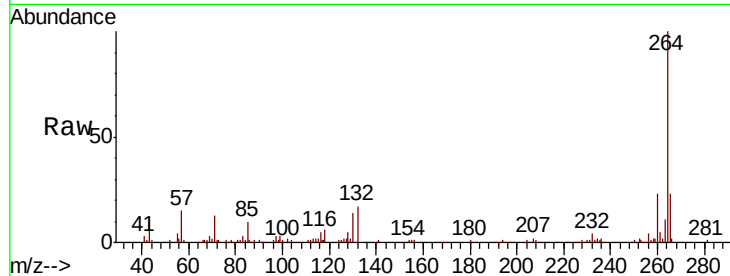


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.41 min Scan# 2265  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

Tot Ion:264 Resp: 153700  

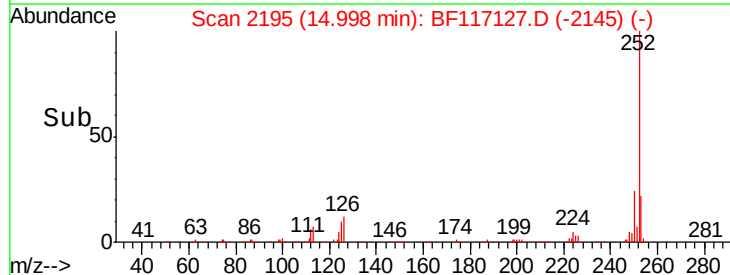
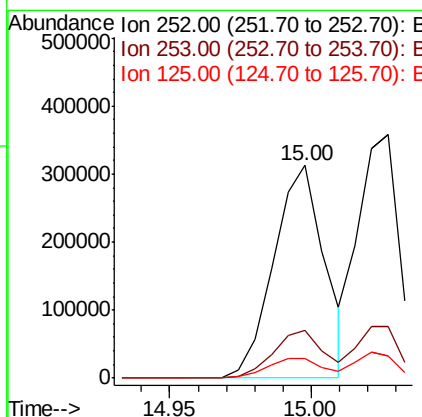
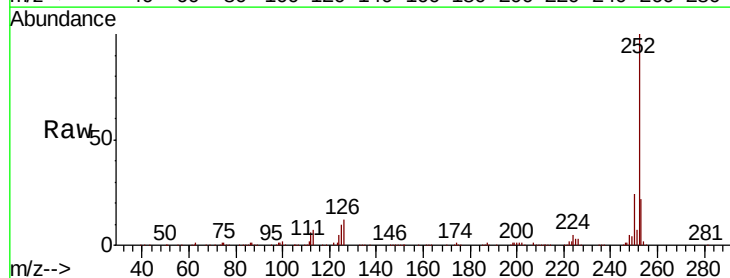
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 17.6  | 26.4  |
| 265 | 22.5  | 16.6  | 24.8  |



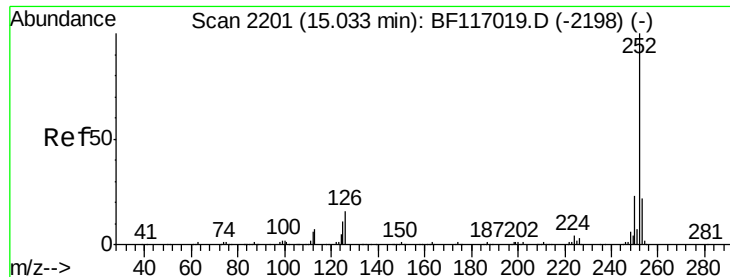
#88  
Benzo(b)fluoranthene  
Concen: 41.999 ng  
RT: 15.00 min Scan# 2195  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Tgt Ion:252 Resp: 391017  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 17.6  | 26.4  |
| 125 | 9.5   | 8.6   | 12.8  |



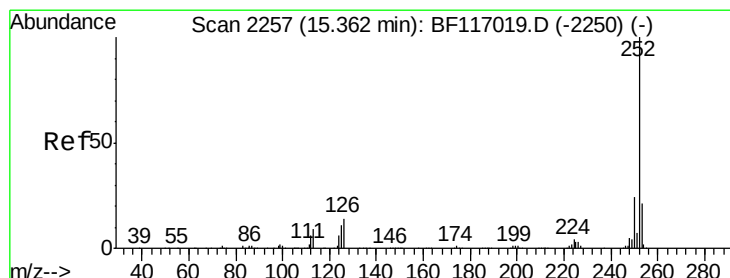
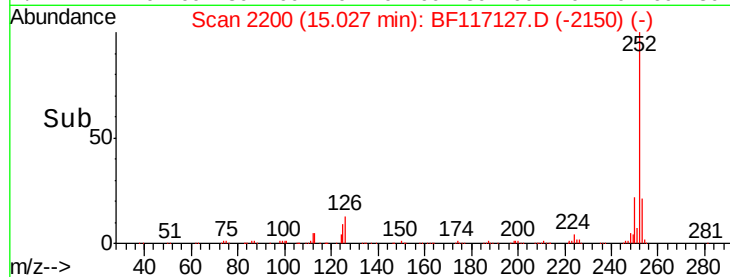
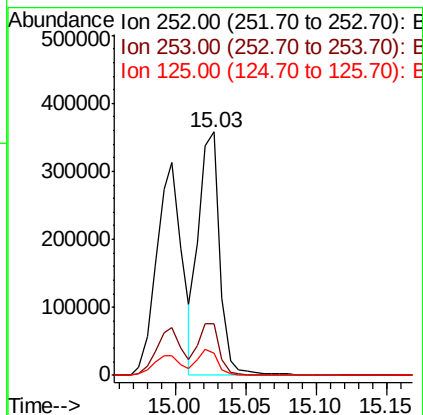
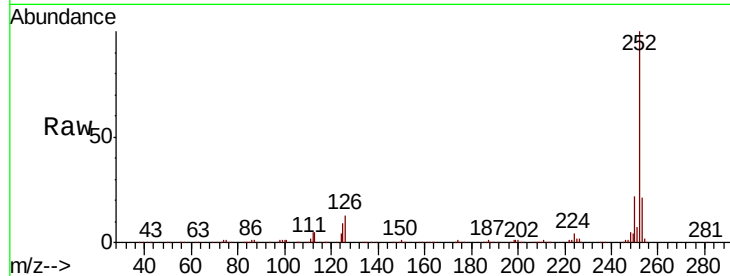




#89  
Benzo(k)fluoranthene  
Concen: 42.114 ng  
RT: 15.03 min Scan# 2200  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

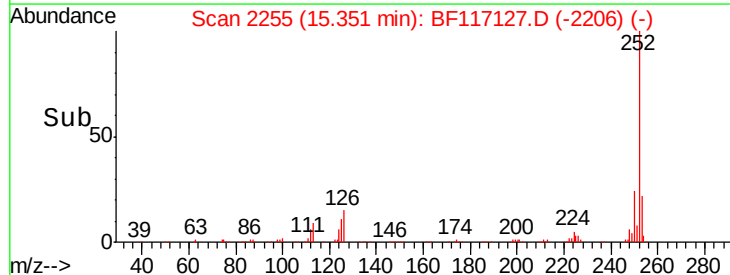
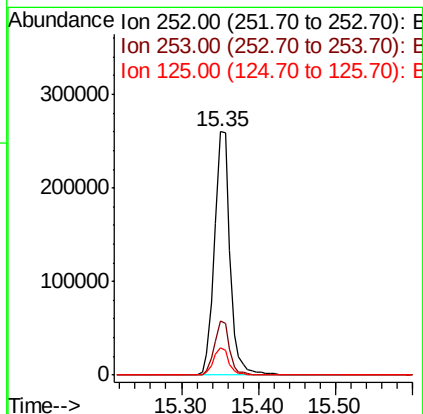
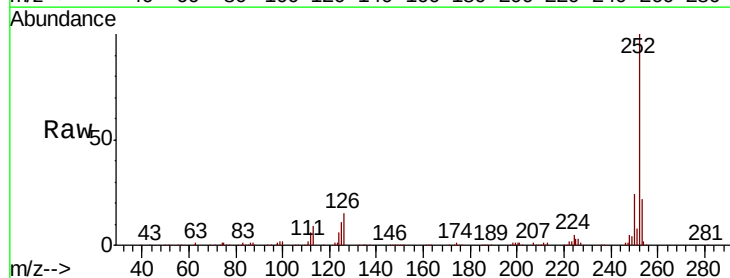
Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

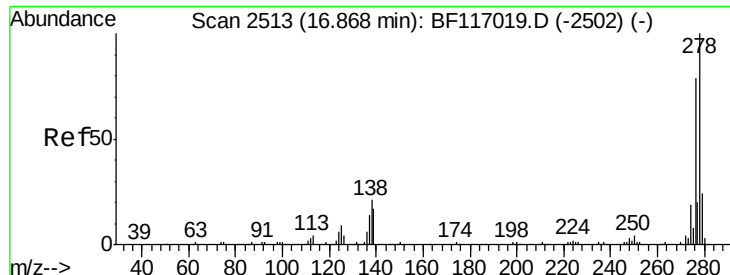
Tot Ion:252 Resp: 371418  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.4 26.2  
125 8.9 8.8 13.2



#90  
Benzo(a)pyrene  
Concen: 44.174 ng  
RT: 15.35 min Scan# 2255  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Tgt Ion:252 Resp: 360893  
Ion Ratio Lower Upper  
252 100  
253 22.1 16.6 25.0  
125 11.2 8.9 13.3

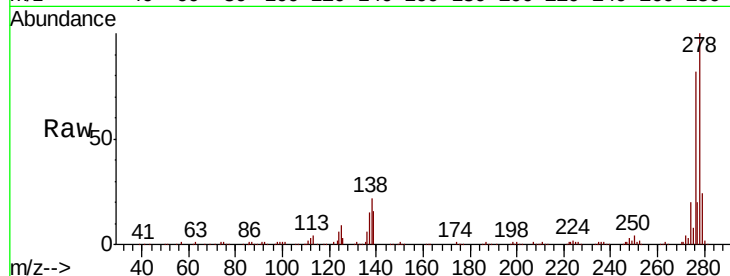




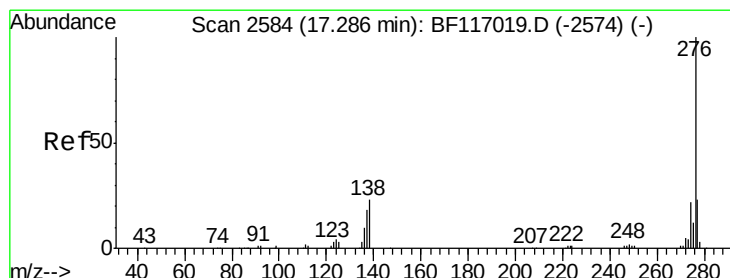
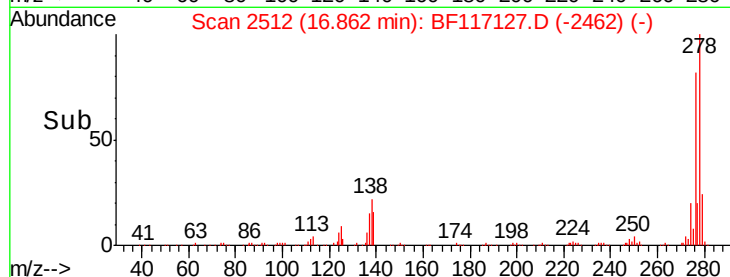
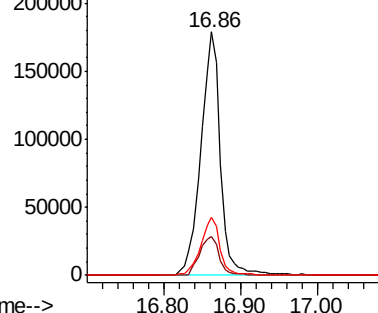
#91  
Dibenzo(a,h)anthracene  
Concen: 48.881 ng  
RT: 16.86 min Scan# 2512  
Delta R.T. -0.01 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

Instrument :  
BNA\_F  
ClientSampleId :  
SB-47-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.2  | 13.5  | 20.3  |
| 279     | 23.7  | 18.8  | 28.2  |

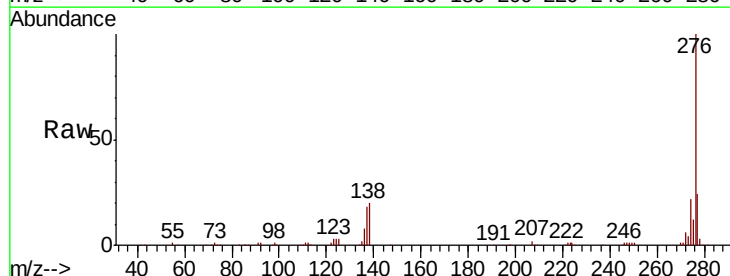


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 48.473 ng  
RT: 17.29 min Scan# 2584  
Delta R.T. 0.00 min  
Lab File: BF117127.D  
Acq: 18 Sep 2019 00:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 18.6  | 27.8  |
| 138     | 20.0  | 18.0  | 27.0  |



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

