

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\  
 Data File : BF114815.D  
 Acq On : 5 Jun 2019 12:38  
 Operator : HP/JU  
 Sample : K2641-14MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 06 04:57:12 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 04 16:57:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.67  | 152  | 511824   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.95  | 136  | 1968308  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.70  | 164  | 1029987  | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.17 | 188  | 2032706  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.79 | 240  | 1278722  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.18 | 264  | 1655485  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.29  | 112 | 2815260 | 96.11  | ng | 0.02 |
| 7) Phenol-d6             | 6.31  | 99  | 3279571 | 92.01  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.23  | 82  | 2363280 | 73.91  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.48 | 330 | 1213752 | 109.35 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.03  | 172 | 4405544 | 80.13  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.75 | 244 | 4824606 | 73.38  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.48 | 88  | 444291  | 31.769 | ng | # 85   |
| 3) Pyridine                    | 3.11 | 79  | 967656  | 25.177 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.03 | 42  | 490590  | 34.877 | ng | 97     |
| 6) Aniline                     | 6.33 | 93  | 380172  | 7.517  | ng | # 1    |
| 8) 2-Chlorophenol              | 6.46 | 128 | 1236715 | 36.542 | ng | 95     |
| 9) Benzaldehyde                | 6.21 | 77  | 352087  | 14.241 | ng | 99     |
| 10) Phenol                     | 6.32 | 94  | 1233760 | 30.270 | ng | 79     |
| 11) bis(2-Chloroethyl)ether    | 6.41 | 93  | 1140457 | 35.853 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.61 | 146 | 1223526 | 31.025 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.69 | 146 | 1245238 | 31.381 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.84 | 146 | 1172657 | 32.722 | ng | 99     |
| 15) Benzyl Alcohol             | 6.81 | 79  | 988263  | 36.666 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.95 | 45  | 1595588 | 35.073 | ng | 100    |
| 17) 2-Methylphenol             | 6.93 | 107 | 1002703 | 34.661 | ng | 99     |
| 18) Hexachloroethane           | 7.18 | 117 | 446521  | 29.896 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.09 | 70  | 809549  | 34.313 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.08 | 107 | 1147014 | 35.948 | ng | 89     |
| 22) Acetophenone               | 7.07 | 105 | 1627690 | 37.561 | ng | # 97   |
| 24) Nitrobenzene               | 7.25 | 77  | 1250063 | 37.738 | ng | 100    |
| 25) Isophorone                 | 7.49 | 82  | 2337797 | 36.983 | ng | 100    |
| 26) 2-Nitrophenol              | 7.56 | 139 | 702357  | 39.149 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.61 | 122 | 1111794 | 40.772 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.70 | 93  | 1496393 | 37.033 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.80 | 162 | 1117951 | 38.968 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.89 | 180 | 1160285 | 35.248 | ng | 98     |
| 31) Naphthalene                | 7.97 | 128 | 3365720 | 37.982 | ng | 99     |
| 32) Benzoic acid               | 7.72 | 122 | 524377  | 26.403 | ng | 97     |
| 33) 4-Chloroaniline            | 8.02 | 127 | 178911  | 4.232  | ng | 96     |
| 34) Hexachlorobutadiene        | 8.10 | 225 | 616339  | 32.933 | ng | 99     |
| 35) Caprolactam                | 8.39 | 113 | 185120  | 19.753 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.50 | 107 | 1165180 | 40.816 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.66 | 142 | 2463169 | 40.075 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.76 | 142 | 2342749 | 40.192 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.83 | 216 | 1053218 | 35.483 | ng | 99     |

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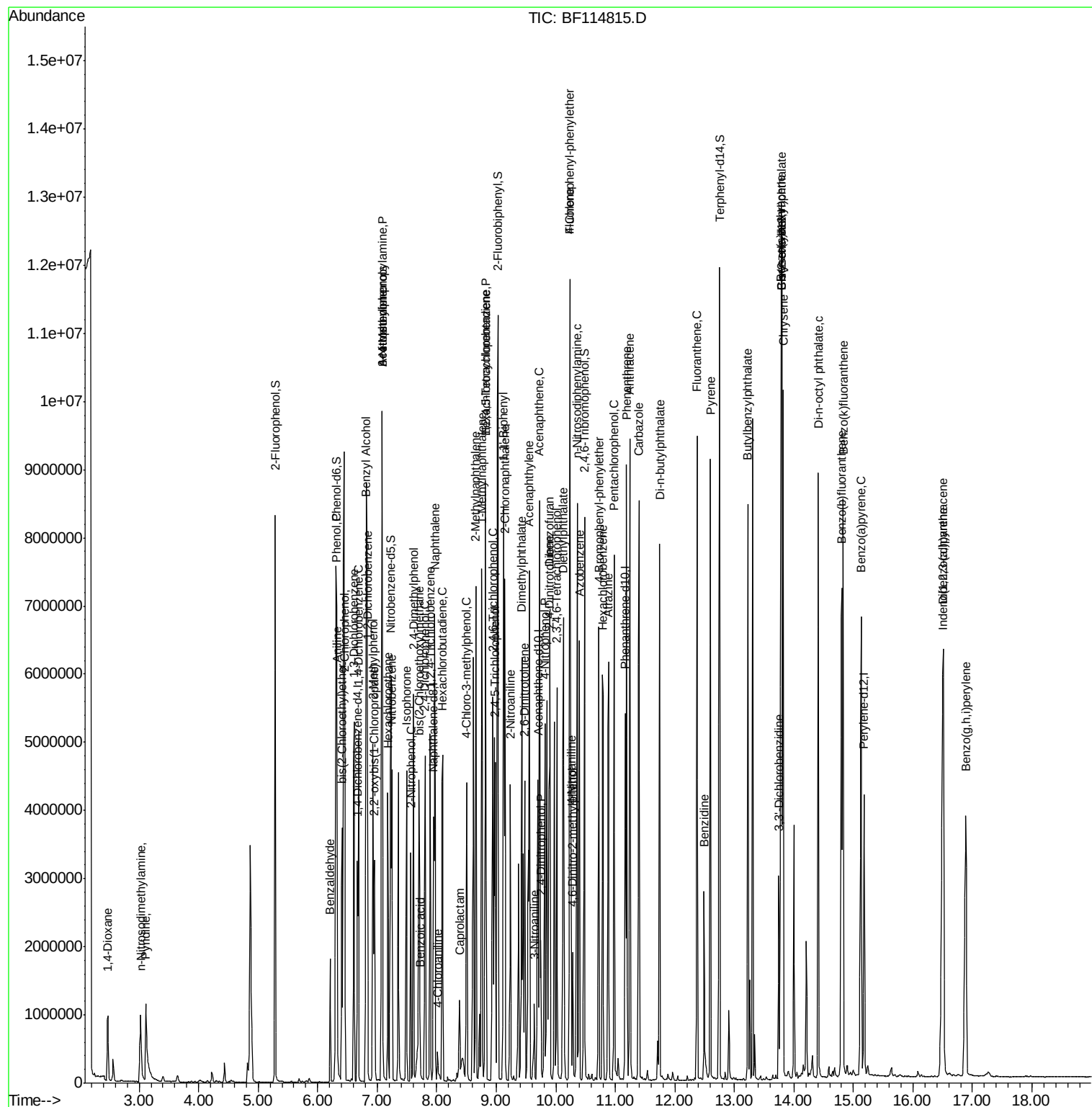
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.82  | 237  | 1083131  | 60.166 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 8.94  | 196  | 860573   | 37.285 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 8.98  | 196  | 862467   | 37.104 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.12  | 154  | 2881269  | 37.744 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.15  | 162  | 2325579  | 35.852 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.24  | 65   | 714810   | 36.927 | ng    | 95       |
| 49) Acenaphthylene             | 9.56  | 152  | 3587022  | 38.133 | ng    | 99       |
| 50) Dimethylphthalate          | 9.43  | 163  | 2838819  | 37.737 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.48  | 165  | 692902   | 39.166 | ng    | 90       |
| 52) Acenaphthene               | 9.73  | 154  | 2322533  | 37.691 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.64  | 138  | 192247   | 9.302  | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 9.75  | 184  | 283382   | 35.398 | ng    | 97       |
| 55) Dibenzofuran               | 9.90  | 168  | 3208637  | 37.447 | ng    | 100      |
| 56) 4-Nitrophenol              | 9.82  | 139  | 1085722  | 71.693 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 9.89  | 165  | 917838   | 41.269 | ng    | 94       |
| 58) Fluorene                   | 10.25 | 166  | 2293021  | 40.920 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.02 | 232  | 758294   | 39.818 | ng    | 99       |
| 60) Diethylphthalate           | 10.13 | 149  | 2886352  | 38.237 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.23 | 204  | 1154258  | 35.171 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.26 | 138  | 698881   | 34.865 | ng    | 99       |
| 63) Azobenzene                 | 10.40 | 77   | 2531937  | 39.404 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.29 | 198  | 267928   | 25.374 | ng    | 86       |
| 66) n-Nitrosodiphenylamine     | 10.36 | 169  | 2341239  | 38.091 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.72 | 248  | 831872   | 36.033 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.79 | 284  | 896148   | 35.468 | ng    | 98       |
| 69) Atrazine                   | 10.89 | 200  | 803812   | 37.602 | ng    | 100      |
| 70) Pentachlorophenol          | 10.98 | 266  | 949226   | 64.987 | ng    | 99       |
| 71) Phenanthrene               | 11.19 | 178  | 3609116  | 37.192 | ng    | 98       |
| 72) Anthracene                 | 11.25 | 178  | 3785610  | 37.069 | ng    | 99       |
| 73) Carbazole                  | 11.40 | 167  | 3467376  | 39.607 | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.75 | 149  | 4210025  | 36.563 | ng    | 98       |
| 75) Fluoranthene               | 12.37 | 202  | 3871838  | 38.335 | ng    | 98       |
| 77) Benzidine                  | 12.49 | 184  | 700937   | 11.073 | ng    | 97       |
| 78) Pyrene                     | 12.60 | 202  | 3944624  | 35.559 | ng    | 97       |
| 80) Butylbenzylphthalate       | 13.23 | 149  | 2132446  | 38.068 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.78 | 228  | 3612237  | 36.658 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.74 | 252  | 603344   | 15.100 | ng    | 98       |
| 83) Chrysene                   | 13.82 | 228  | 3510178  | 36.618 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phthalate | 13.80 | 149  | 2552572  | 36.036 | ng    | # 98     |
| 85) Di-n-octyl phthalate       | 14.41 | 149  | 4577273  | 38.030 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.50 | 276  | 3863503  | 35.324 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.80 | 252  | 4076228  | 38.677 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 14.83 | 252  | 3121727  | 34.880 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.13 | 252  | 3517100  | 38.556 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene     | 16.52 | 278  | 3156163  | 36.535 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.89 | 276  | 3251901  | 37.433 | ng    | 99       |

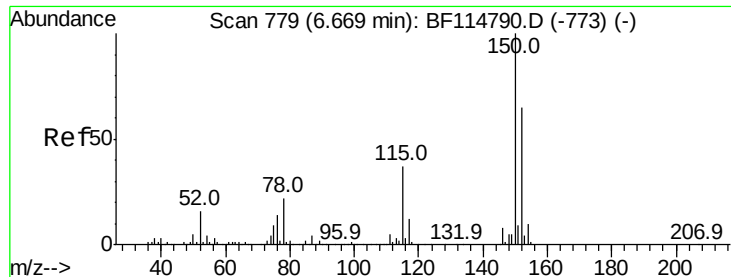
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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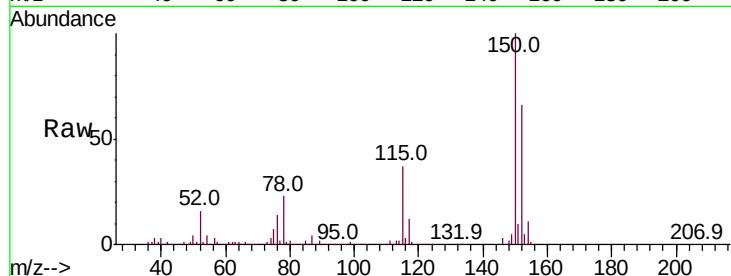


#1

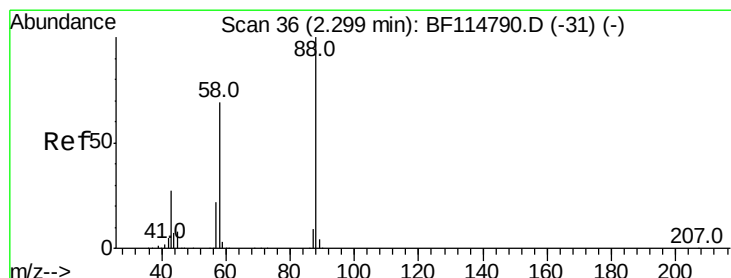
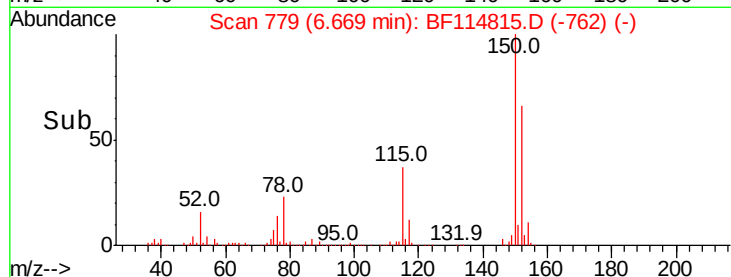
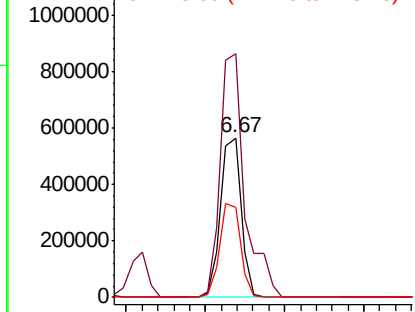
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.67 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 511824  
Ion Ratio Lower Upper  
152 100  
150 152.5 124.0 186.0  
115 56.4 46.3 69.5



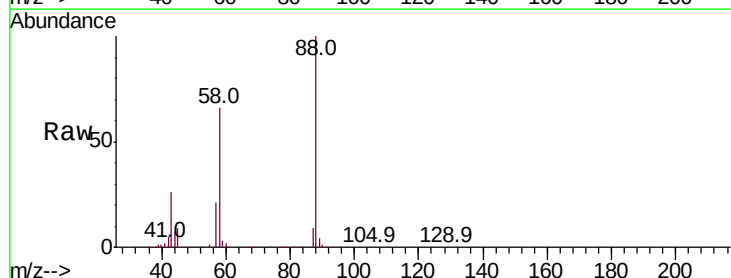
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



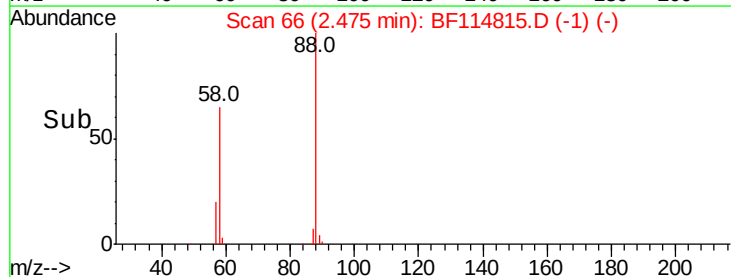
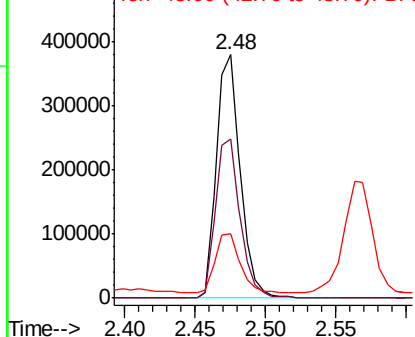
#2

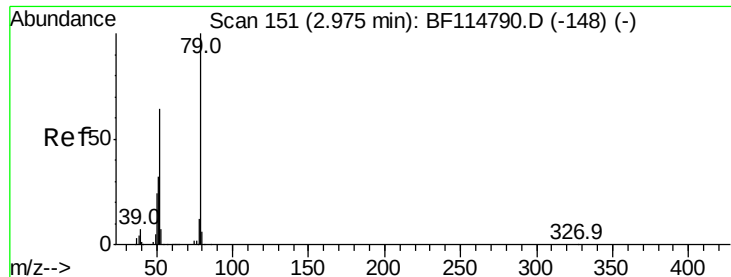
1,4-Dioxane  
Concen: 31.769 ng  
RT: 2.48 min Scan# 66  
Delta R.T. 0.18 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Tgt Ion: 88 Resp: 444291  
Ion Ratio Lower Upper  
88 100  
58 66.6 53.8 80.8  
43 0.0 20.7 31.1#



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





#3

Pvridine

Concen: 25.177 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.14 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampled :

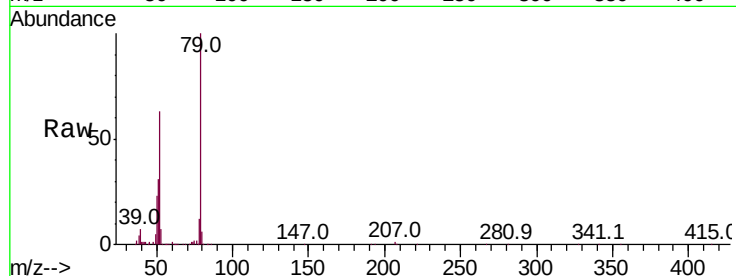
Tot Ion: 79 Resp: 967656

Ion Ratio Lower Upper

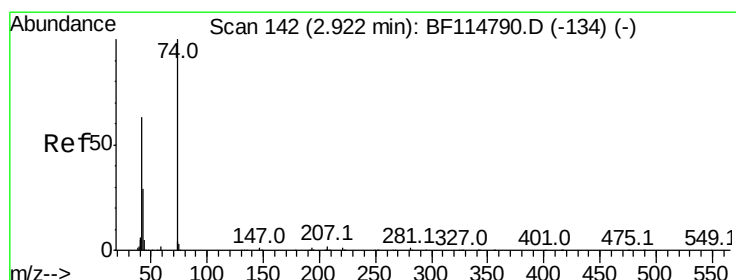
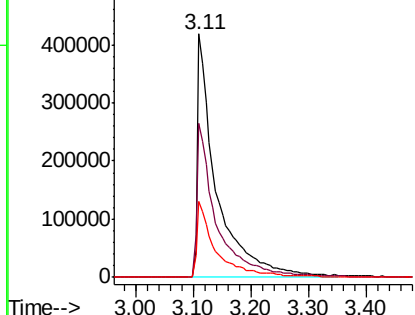
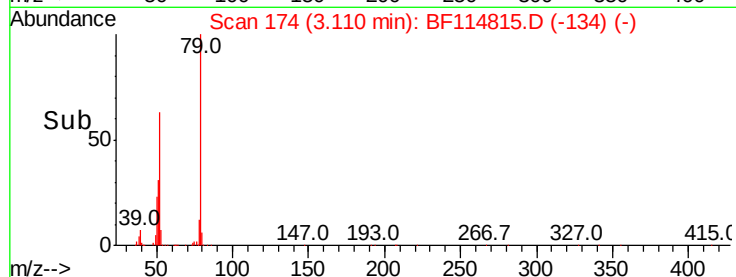
79 100

52 63.4 51.0 76.4

51 31.0 25.7 38.5



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.877 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.11 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

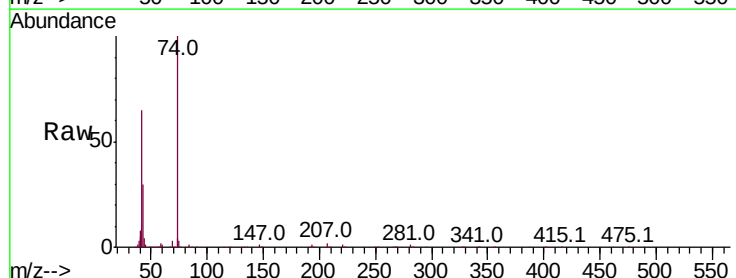
Tgt Ion: 42 Resp: 490590

Ion Ratio Lower Upper

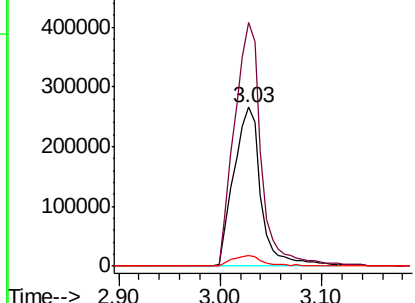
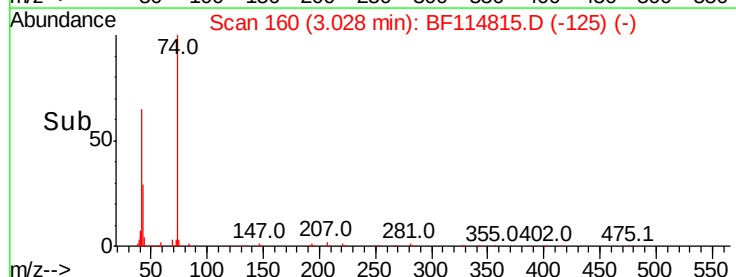
42 100

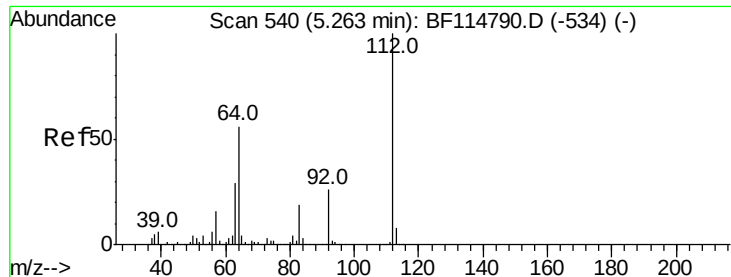
74 153.2 126.2 189.2

44 6.6 5.9 8.9



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 96.112 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.02 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampleId :

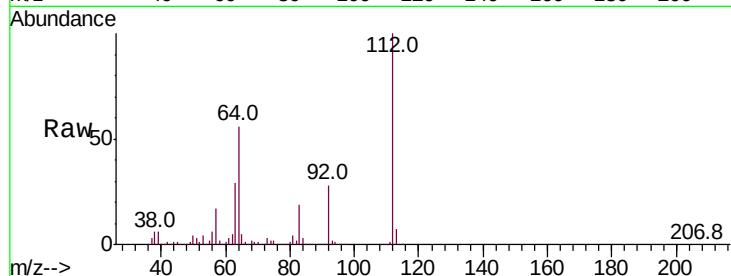
Tot Ion:112 Resp: 2815260

Ion Ratio Lower Upper

112 100

64 56.3 44.6 66.8

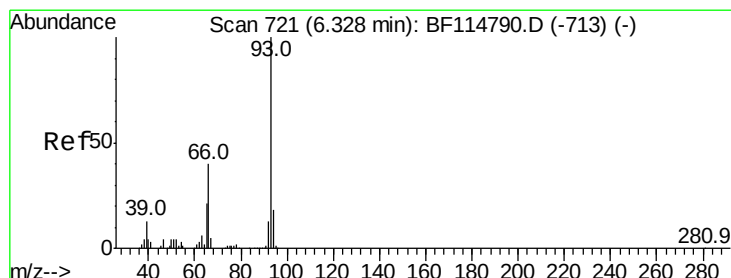
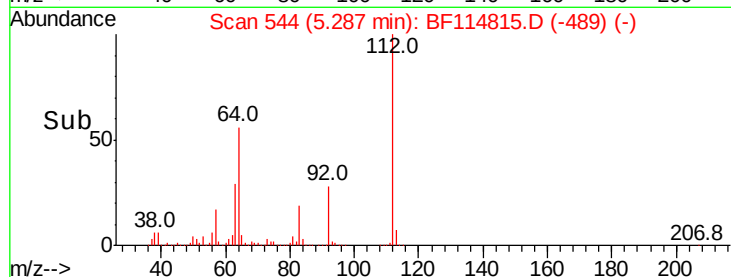
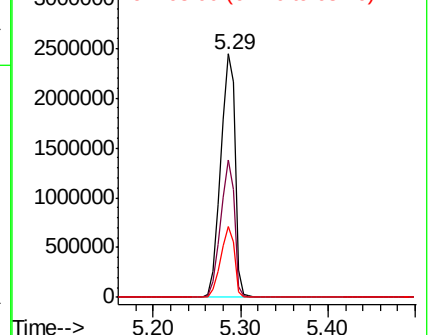
63 29.0 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.517 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

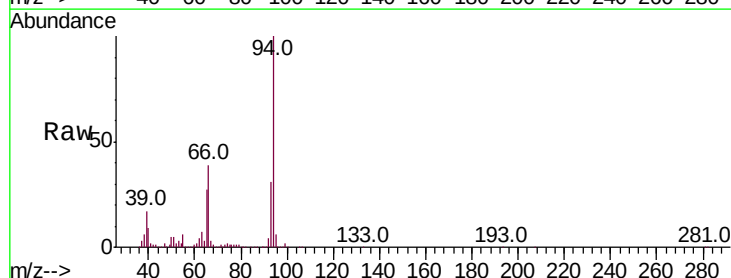
Tgt Ion: 93 Resp: 380172

Ion Ratio Lower Upper

93 100

66 124.5 32.8 49.2#

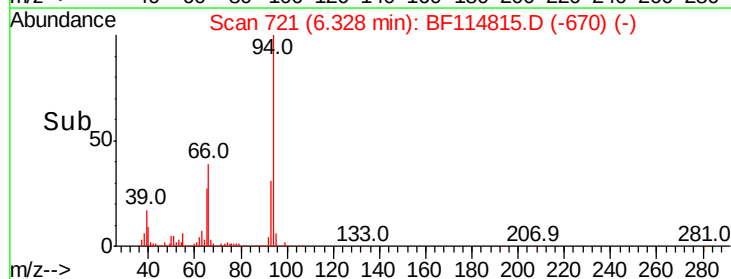
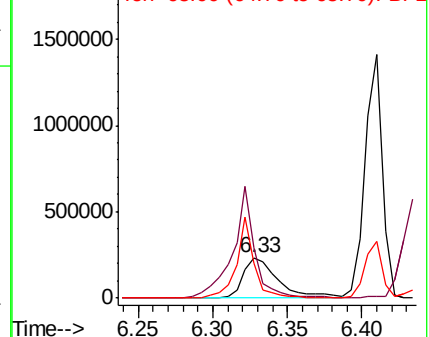
65 87.9 16.9 25.3#

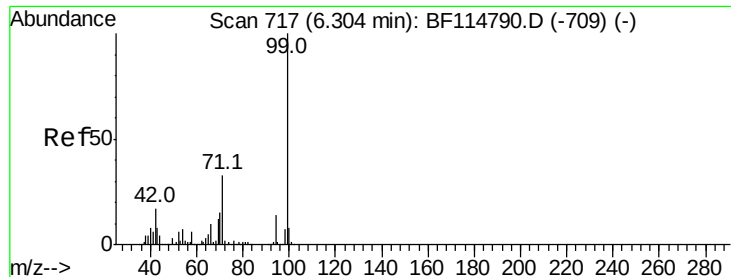


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.015 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampleId :

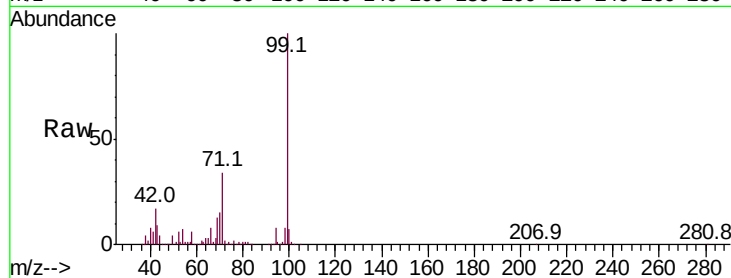
Tot Ion: 99 Resp: 3279571

Ion Ratio Lower Upper

99 100

42 17.3 13.3 19.9

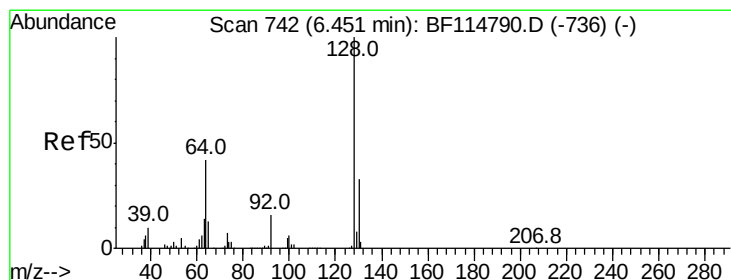
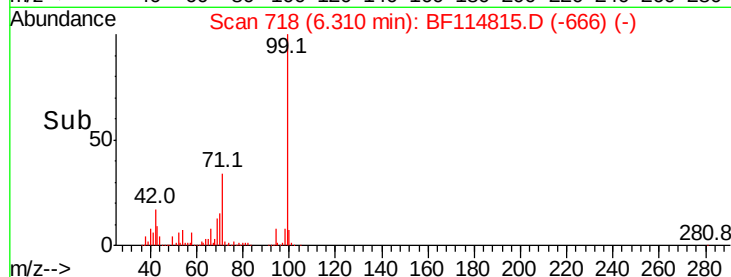
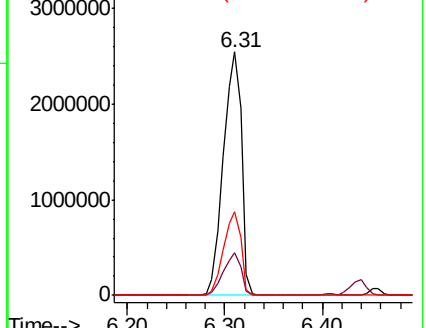
71 34.3 26.3 39.5



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: 36.542 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

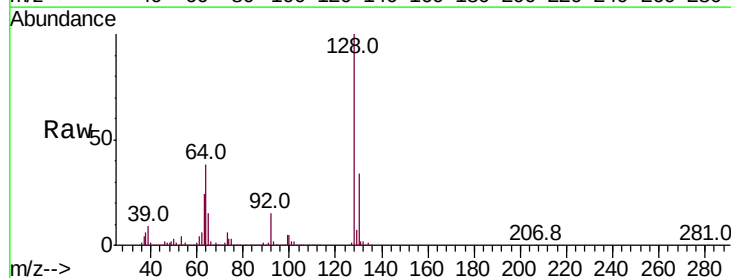
Tgt Ion:128 Resp: 1236715

Ion Ratio Lower Upper

128 100

130 34.0 12.7 52.7

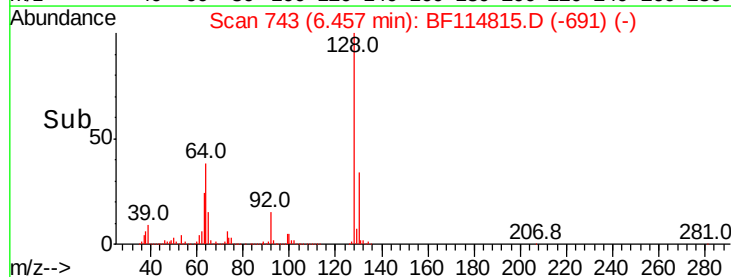
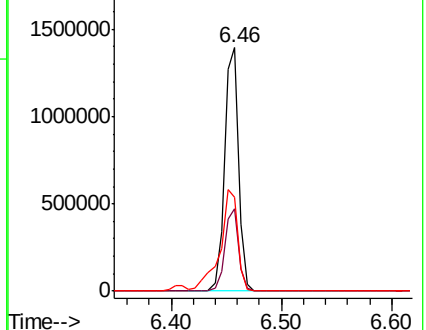
64 38.5 22.5 62.5



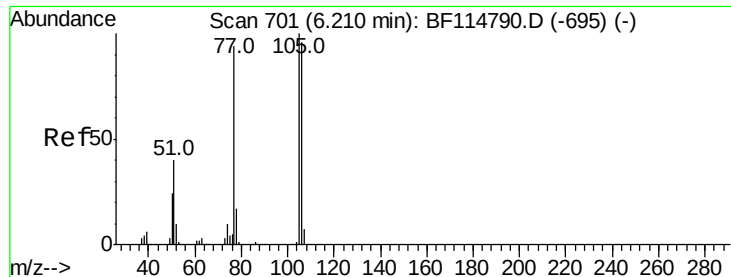
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 14.241 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampled :

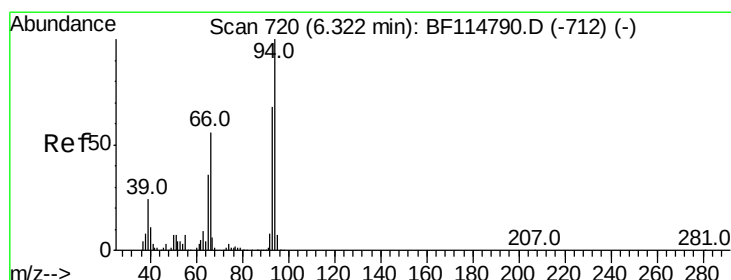
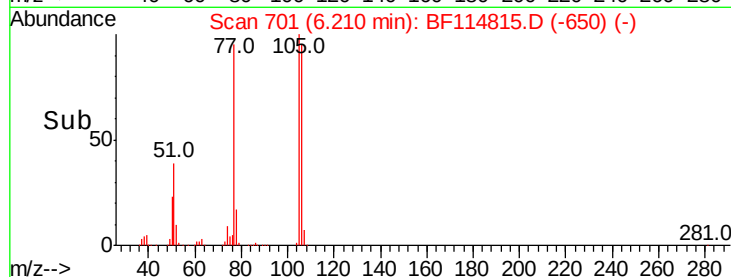
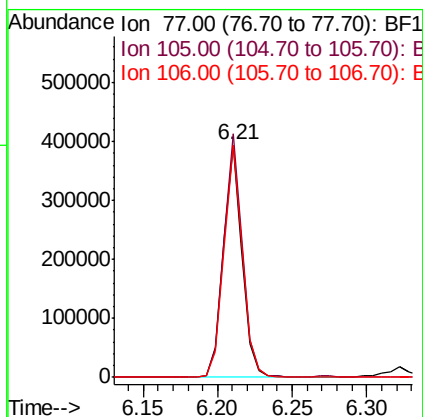
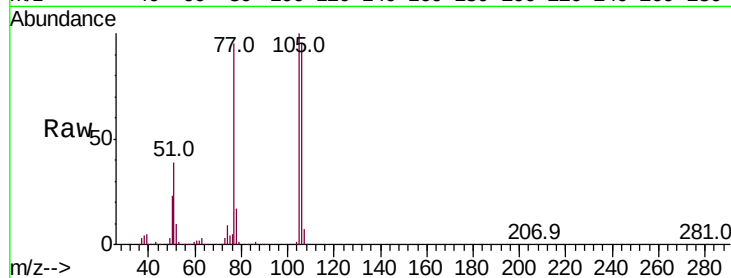
Tot Ion: 77 Resp: 352087

Ion Ratio Lower Upper

77 100

105 104.8 85.8 125.8

106 99.7 81.6 121.6



#10

Phenol

Concen: 30.270 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

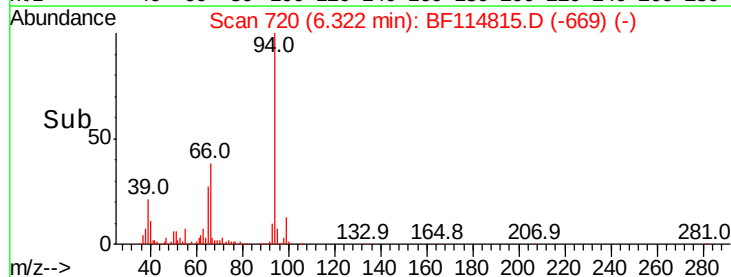
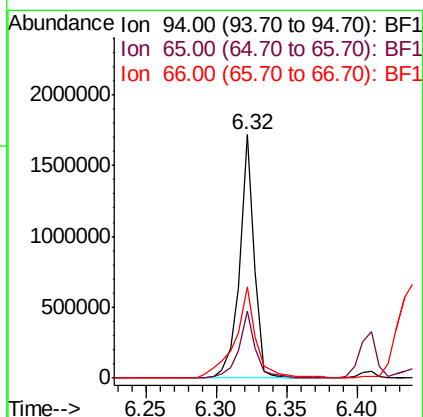
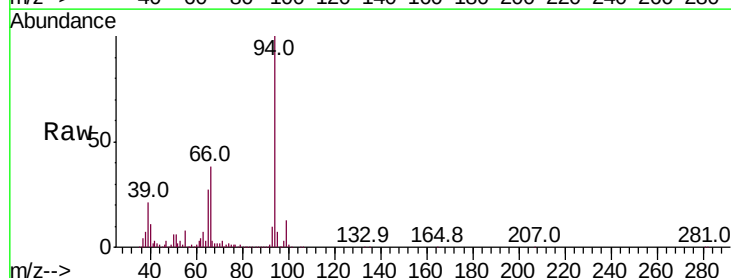
Tgt Ion: 94 Resp: 1233760

Ion Ratio Lower Upper

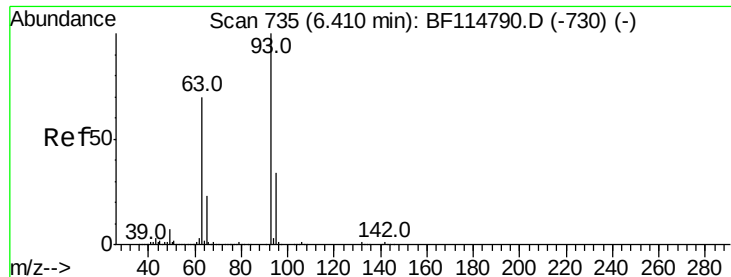
94 100

65 27.5 16.1 56.1

66 37.7 36.3 76.3



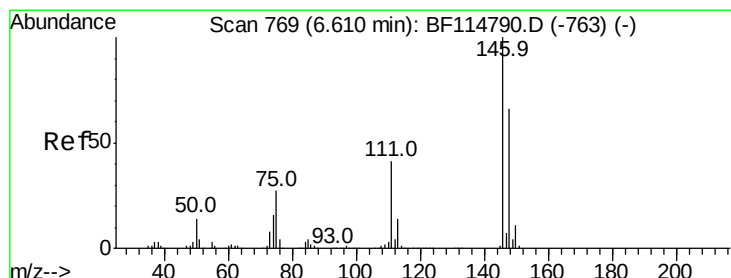
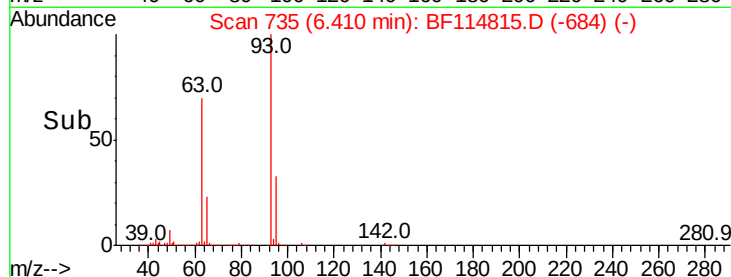
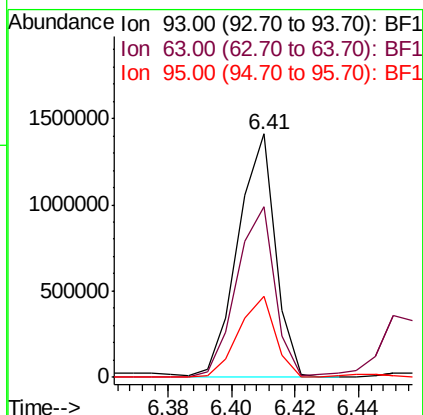
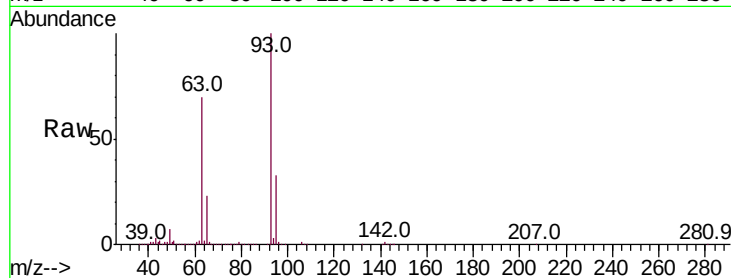




#11  
bis(2-Chloroethyl)ether  
Concen: 35.853 ng  
RT: 6.41 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

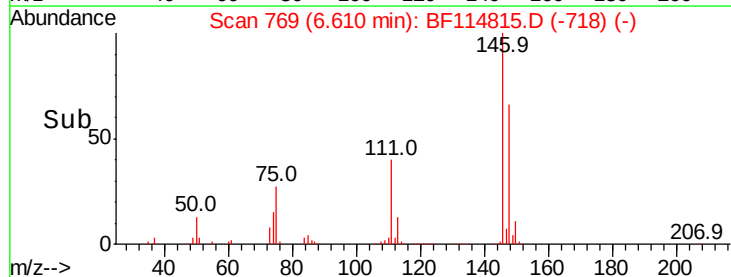
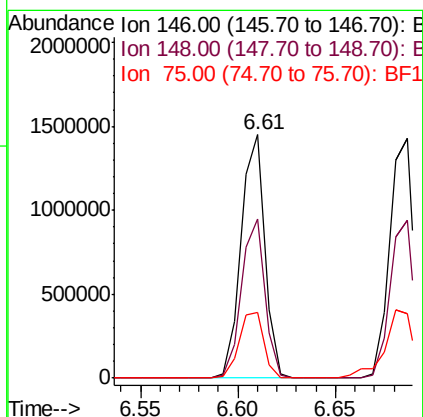
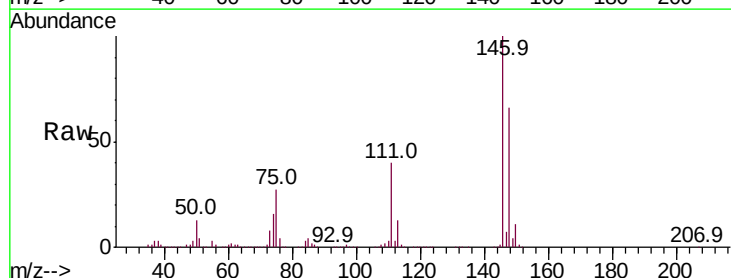
Instrument :  
BNA\_F  
ClientSampleId :

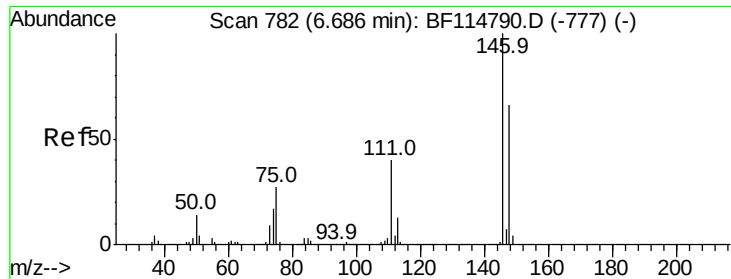
Tot Ion: 93 Resp: 1140457  
Ion Ratio Lower Upper  
93 100  
63 70.1 49.6 89.6  
95 33.3 13.6 53.6



#12  
1,3-Dichlorobenzene  
Concen: 31.025 ng  
RT: 6.61 min Scan# 769  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Tgt Ion: 146 Resp: 1223526  
Ion Ratio Lower Upper  
146 100  
148 65.6 52.7 79.1  
75 27.1 22.0 33.0

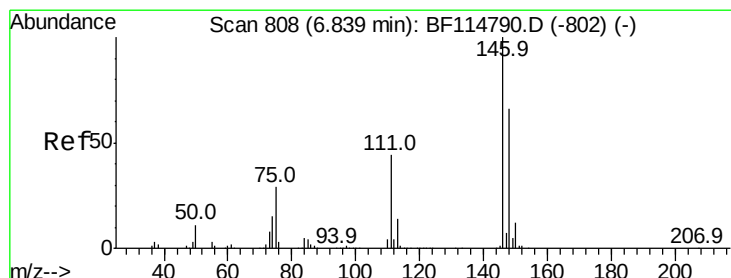
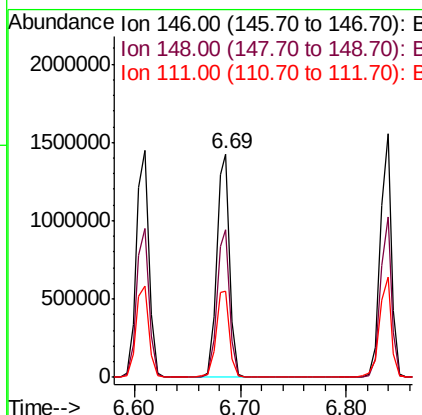
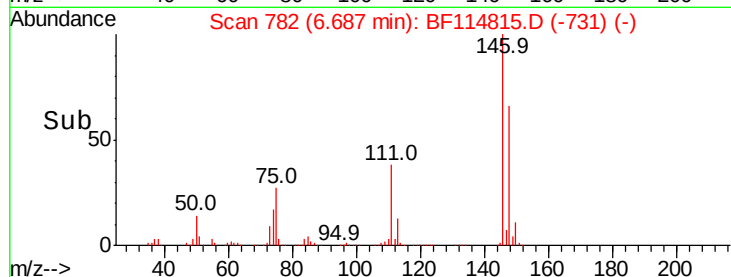
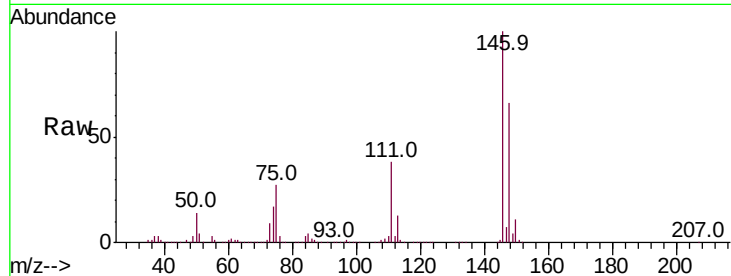




#13  
1,4-Dichlorobenzene  
Concen: 31.381 ng  
RT: 6.69 min Scan# 782  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

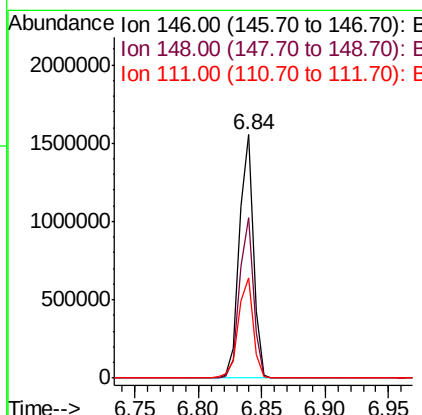
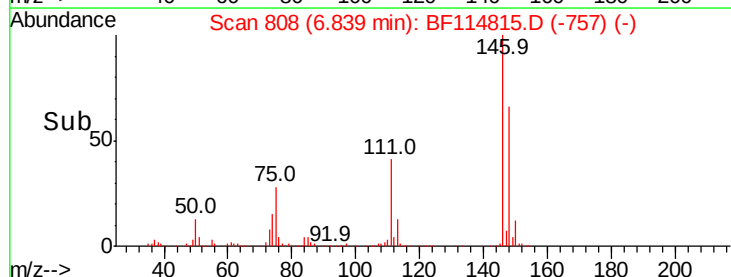
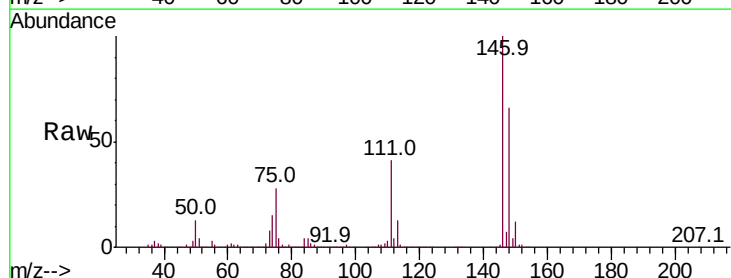
Instrument :  
BNA\_F  
ClientSampleId :

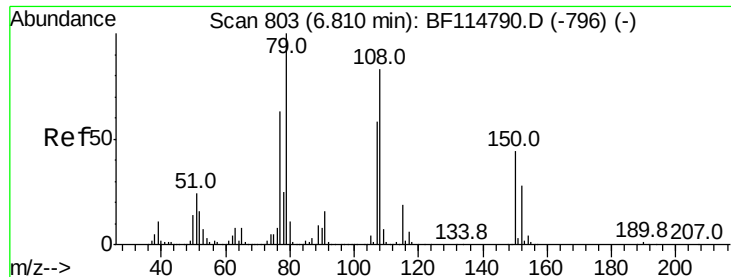
Tot Ion:146 Resp: 1245238  
Ion Ratio Lower Upper  
146 100  
148 66.0 53.0 79.4  
111 38.4 32.2 48.4



#14  
1,2-Dichlorobenzene  
Concen: 32.722 ng  
RT: 6.84 min Scan# 808  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Tgt Ion:146 Resp: 1172657  
Ion Ratio Lower Upper  
146 100  
148 65.7 52.5 78.7  
111 41.4 34.8 52.2





#15

Benzyl Alcohol

Concen: 36.666 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampled :

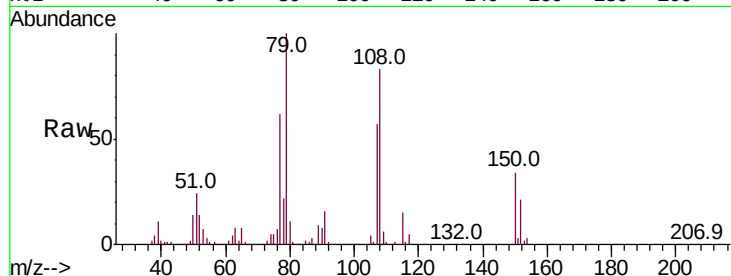
Tot Ion: 79 Resp: 988263

Ion Ratio Lower Upper

79 100

108 82.5 66.8 100.2

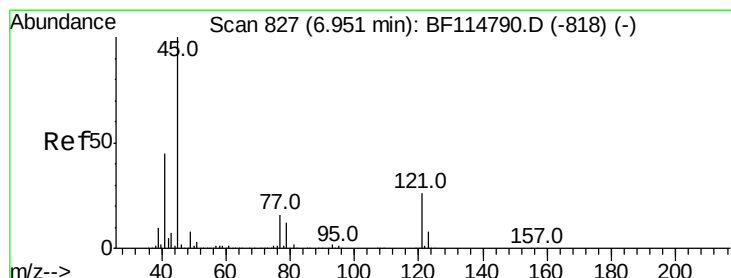
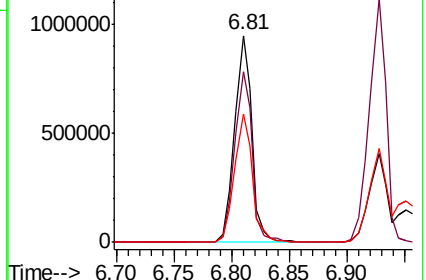
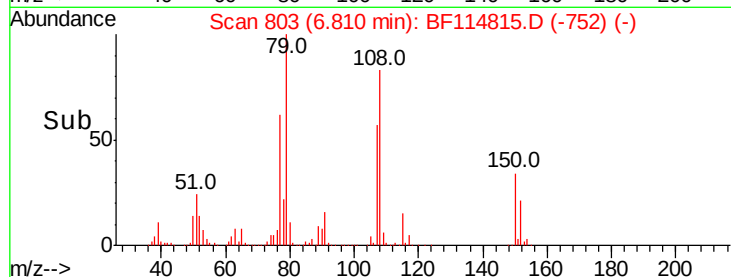
77 62.1 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.073 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

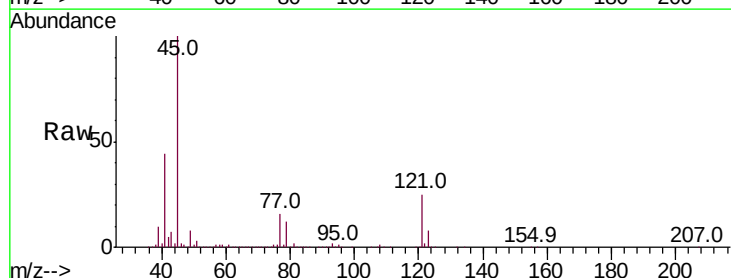
Tgt Ion: 45 Resp: 1595588

Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.8

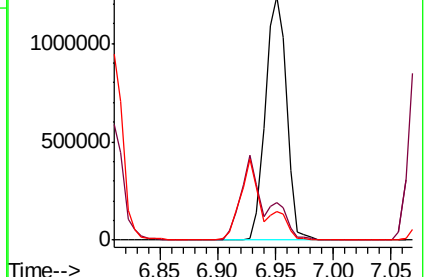
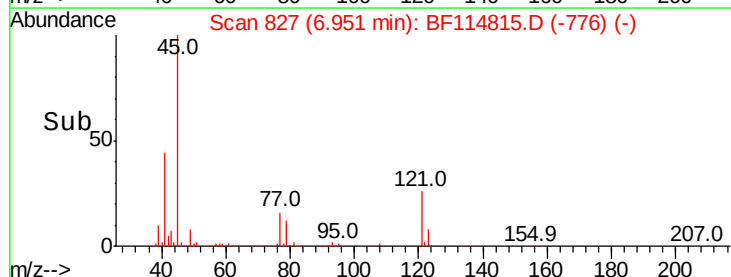
79 11.9 0.0 32.0

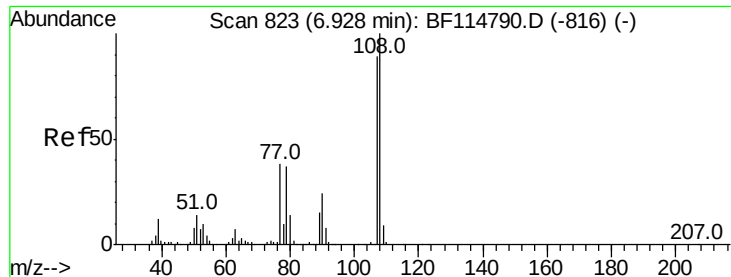


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 34.661 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 1002703

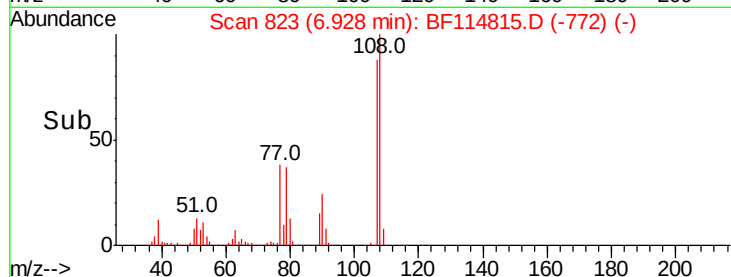
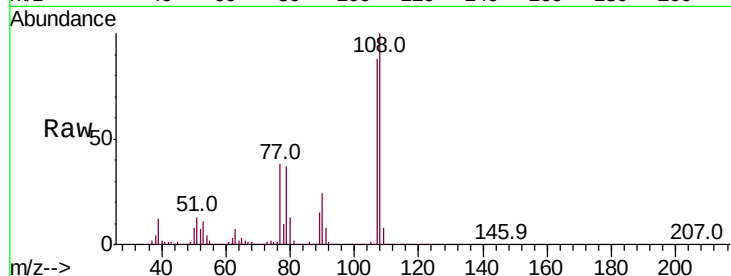
Ion Ratio Lower Upper

107 100

108 114.0 90.2 135.2

77 43.7 34.5 51.7

79 41.8 33.8 50.6

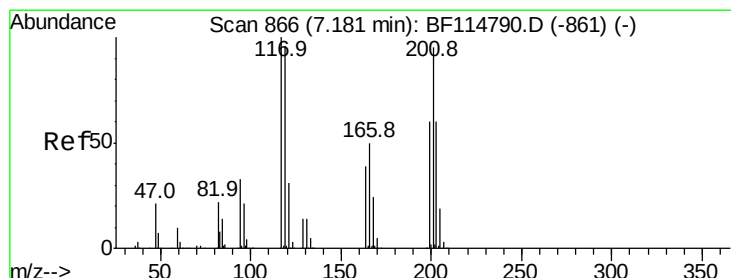
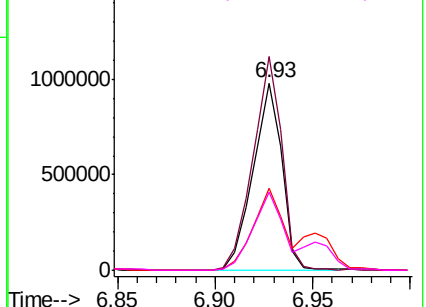


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 29.896 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

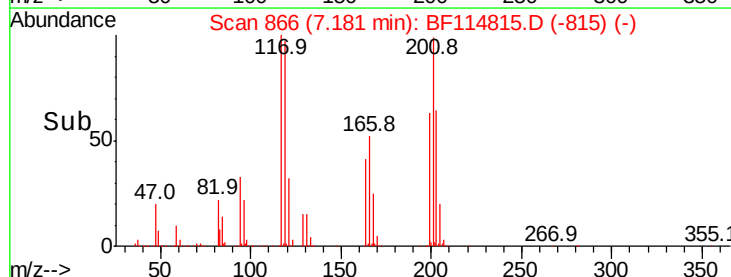
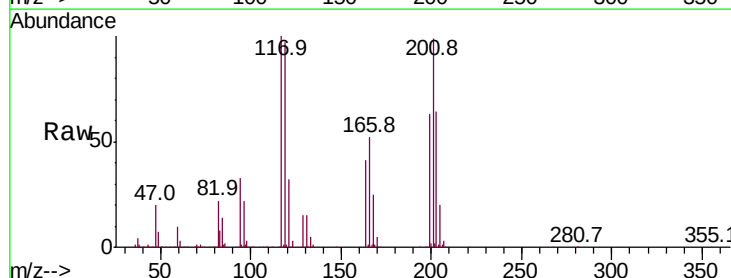
Tgt Ion:117 Resp: 446521

Ion Ratio Lower Upper

117 100

119 96.8 77.0 115.4

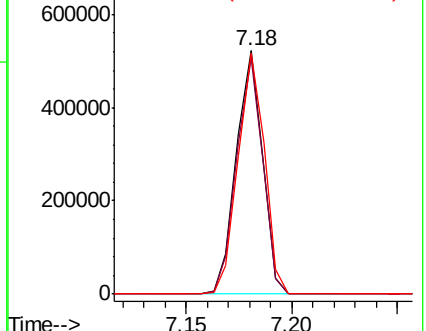
201 99.2 76.0 114.0

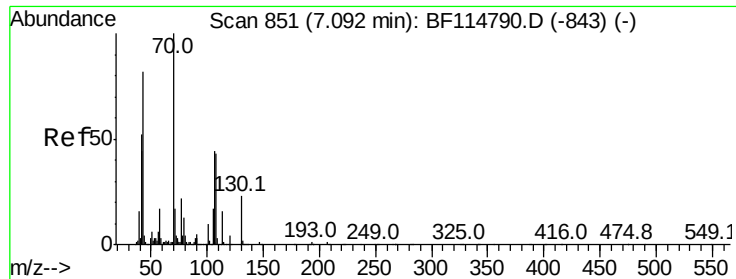


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

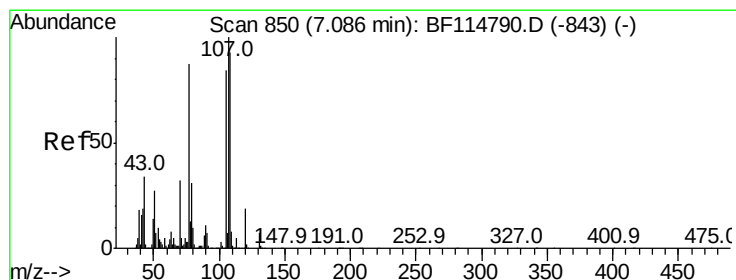
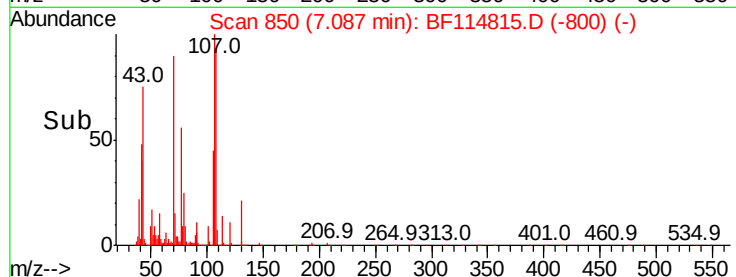
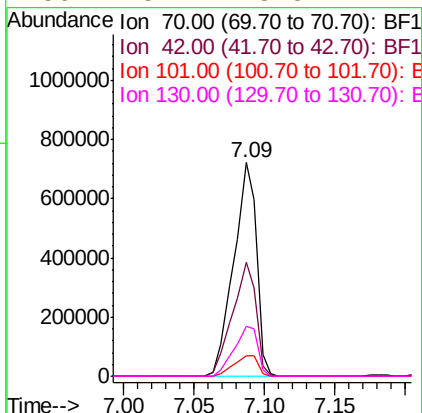
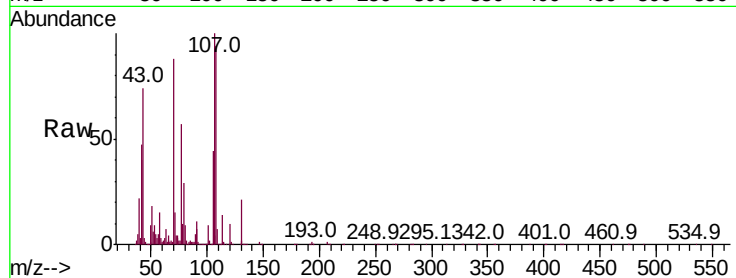




#19  
n-Nitroso-di-n-propylamine  
Concen: 34.313 ng  
RT: 7.09 min Scan# 850  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

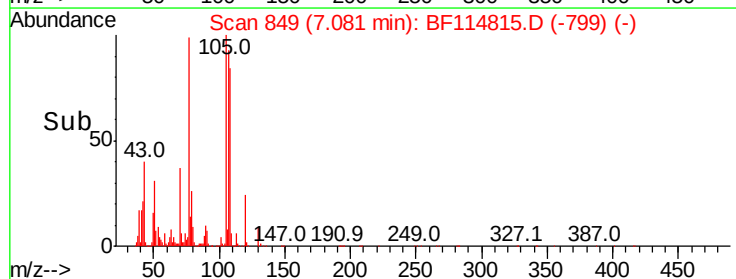
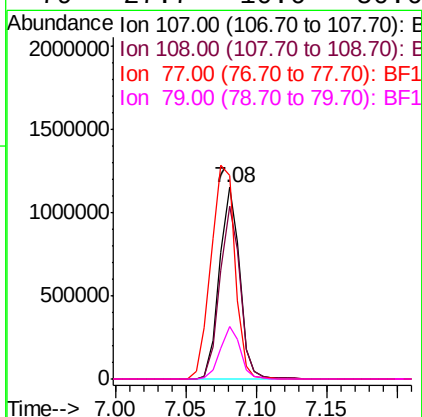
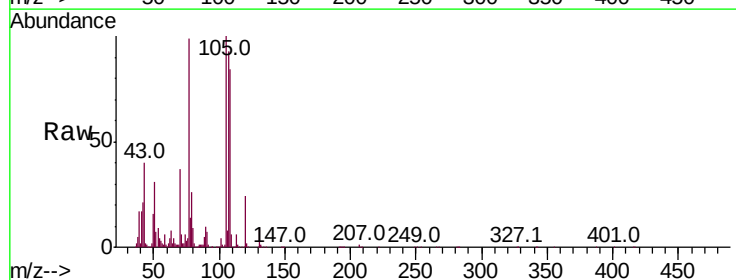
Instrument :  
BNA\_F  
ClientSampleId :

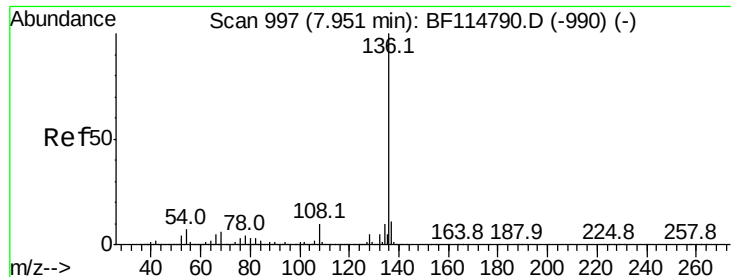
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 809549 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 53.5  | 41.8  | 62.8   |
| 101      | 9.8   | 8.2   | 12.4   |
| 130      | 23.4  | 18.5  | 27.7   |



#20  
3+4-Methylphenols  
Concen: 35.948 ng  
RT: 7.08 min Scan# 849  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1147014 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 90.4  | 73.5  | 113.5   |
| 77       | 106.2 | 67.2  | 107.2   |
| 79       | 27.7  | 10.6  | 50.6    |

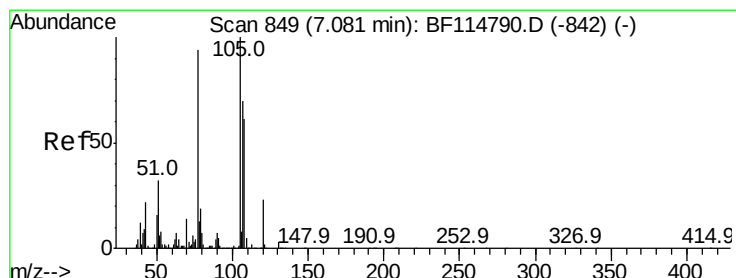
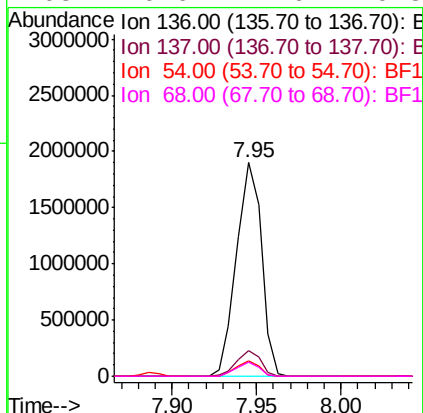
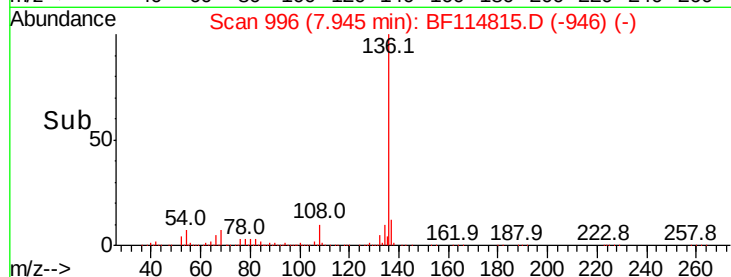
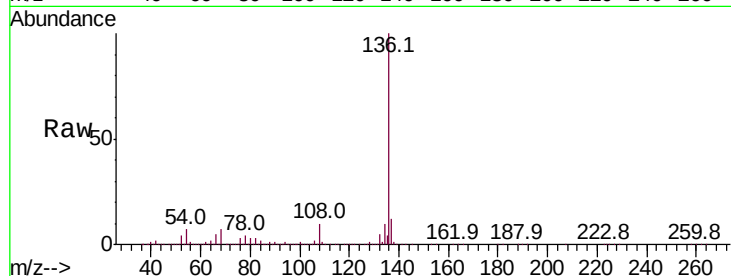




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.95 min Scan# 996  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

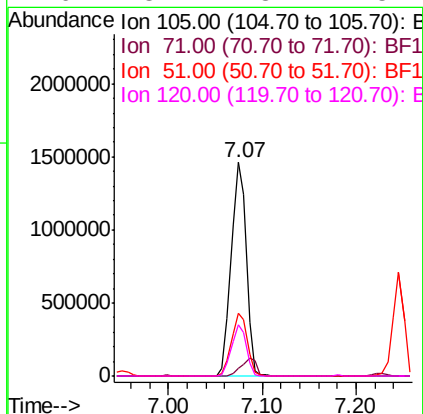
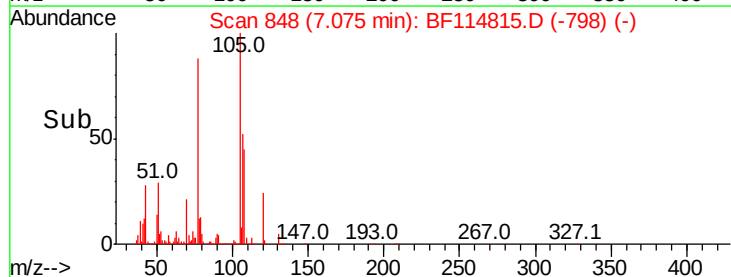
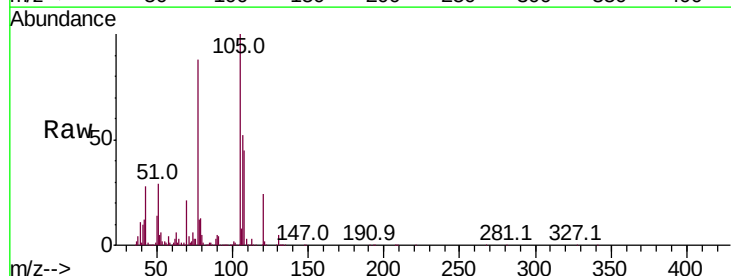
Instrument :  
BNA\_F  
ClientSampleId :

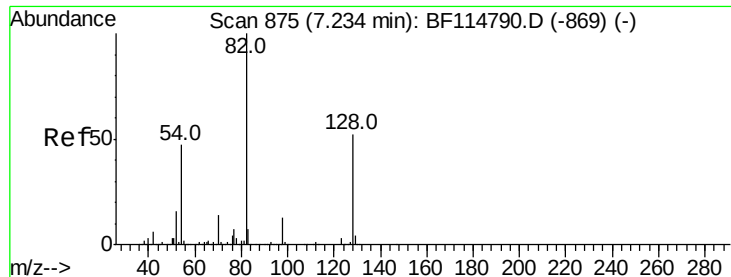
| Tot Ion: | 136   | Resp: | 1968308 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 136      | 100   |       |         |
| 137      | 11.8  | 9.1   | 13.7    |
| 54       | 7.4   | 5.4   | 8.0     |
| 68       | 6.6   | 4.6   | 6.8     |



#22  
Acetophenone  
Concen: 37.561 ng  
RT: 7.07 min Scan# 848  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

| Tgt Ion: | 105   | Resp: | 1627690 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 3.6   | 2.0   | 3.0#    |
| 51       | 29.4  | 25.4  | 38.0    |
| 120      | 23.7  | 18.7  | 28.1    |

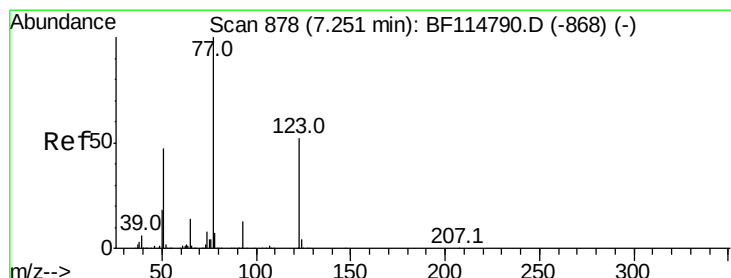
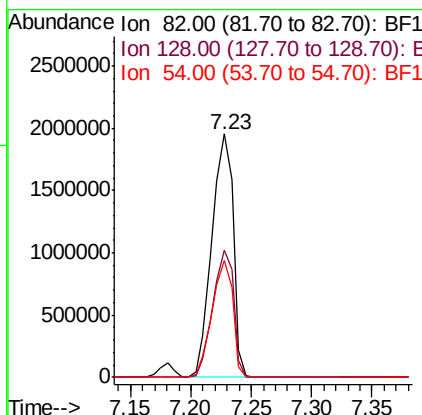
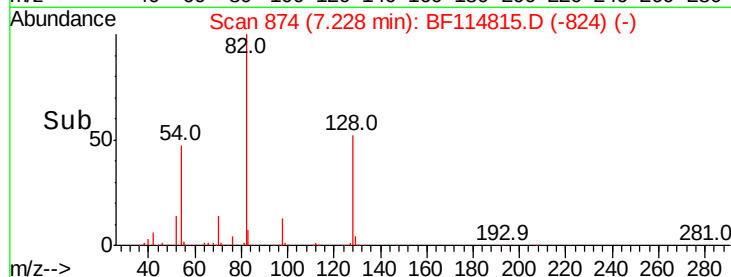
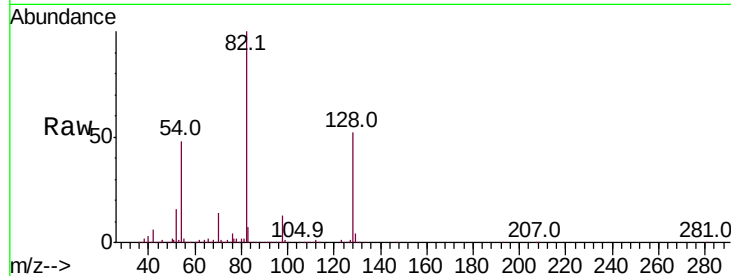




#23  
Nitrobenzene-d5  
Concen: 73.911 ng  
RT: 7.23 min Scan# 874  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

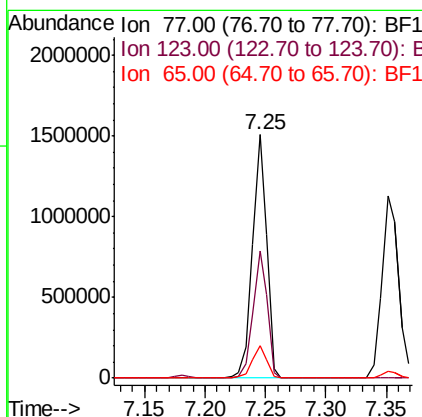
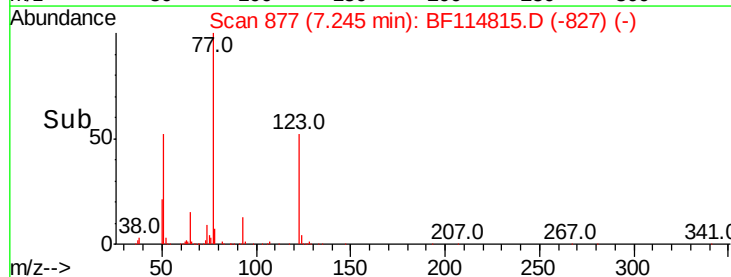
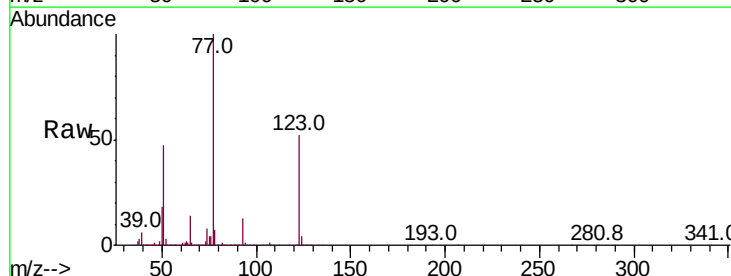
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 2363280  
Ion Ratio Lower Upper  
82 100  
128 52.4 41.8 62.6  
54 47.9 37.9 56.9

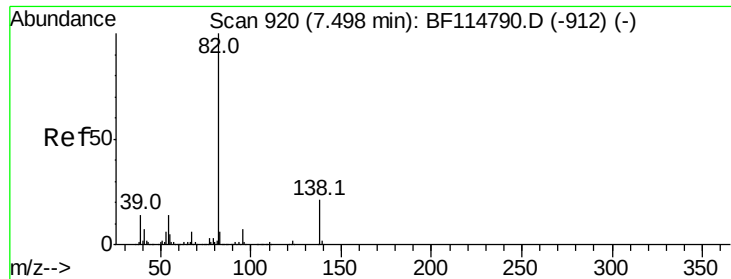


#24  
Nitrobenzene  
Concen: 37.738 ng  
RT: 7.25 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Tgt Ion: 77 Resp: 1250063  
Ion Ratio Lower Upper  
77 100  
123 52.3 41.5 62.3  
65 13.5 10.8 16.2



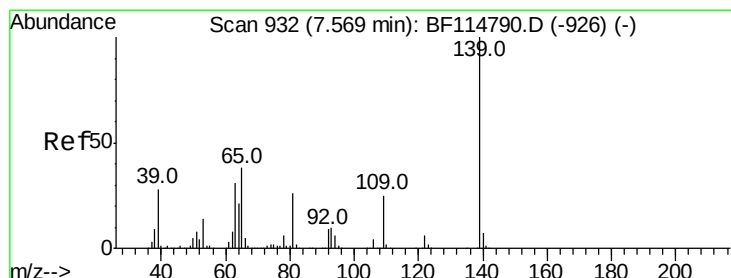
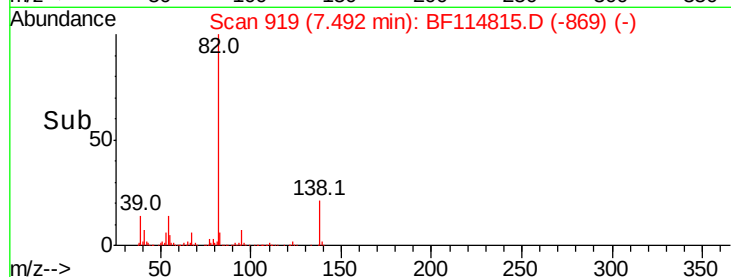
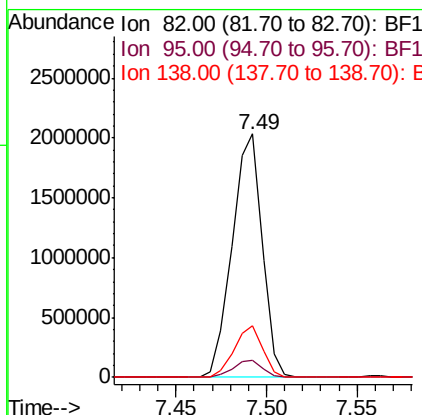
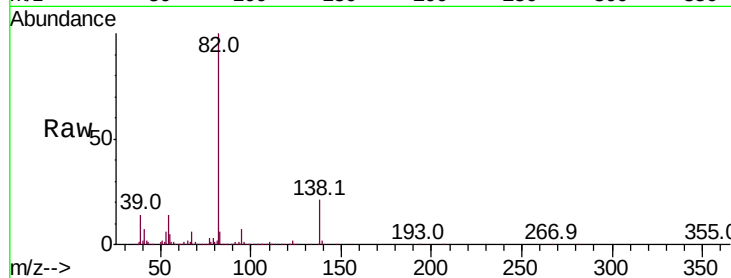




#25  
Isophorone  
Concen: 36.983 ng  
RT: 7.49 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

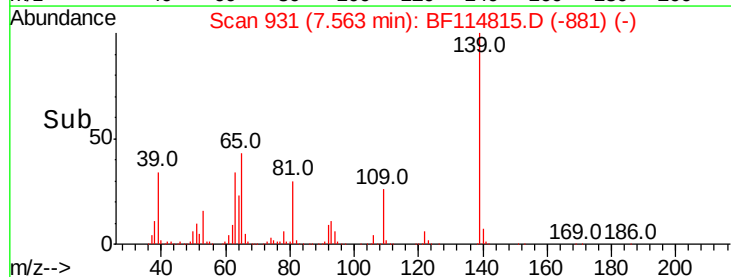
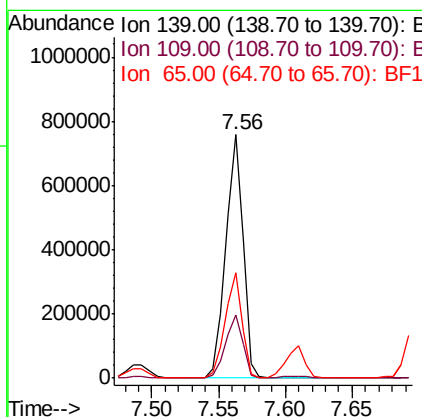
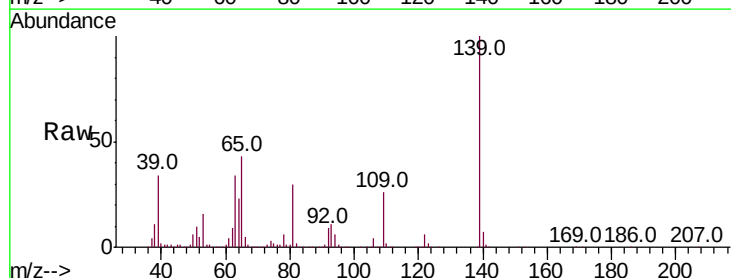
Instrument :  
BNA\_F  
ClientSampleId :

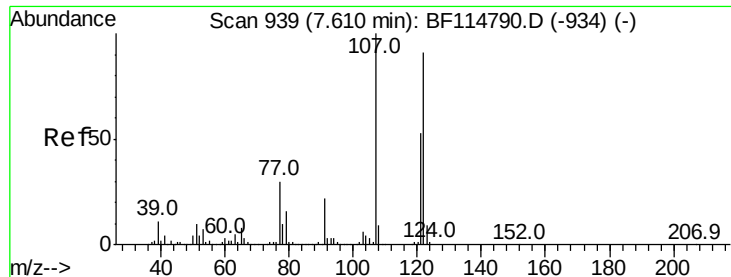
Tot Ion: 82 Resp: 2337797  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.8 8.8  
138 21.2 16.9 25.3



#26  
2-Nitrophenol  
Concen: 39.149 ng  
RT: 7.56 min Scan# 931  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Tgt Ion: 139 Resp: 702357  
Ion Ratio Lower Upper  
139 100  
109 26.0 20.4 30.6  
65 43.2 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 40.772 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampleId :

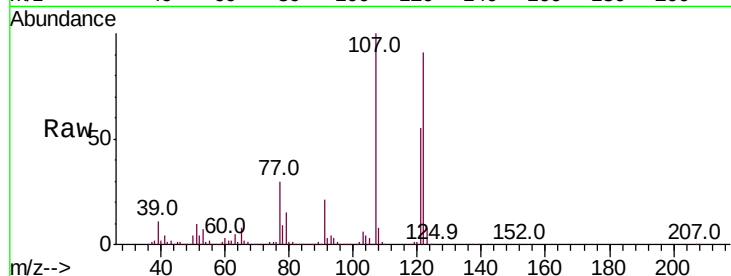
Tot Ion:122 Resp: 1111794

Ion Ratio Lower Upper

122 100

107 109.6 87.9 131.9

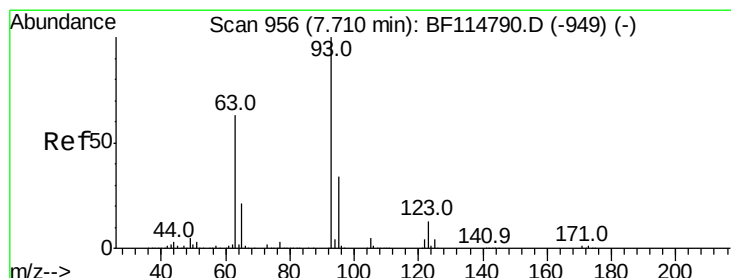
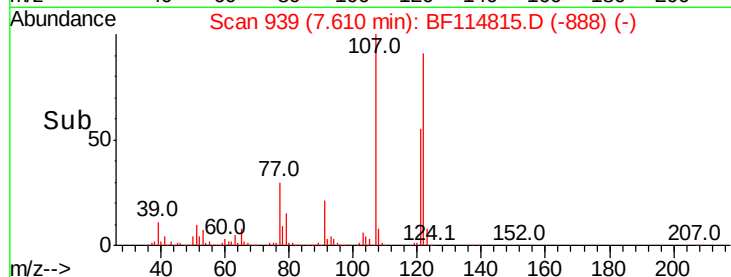
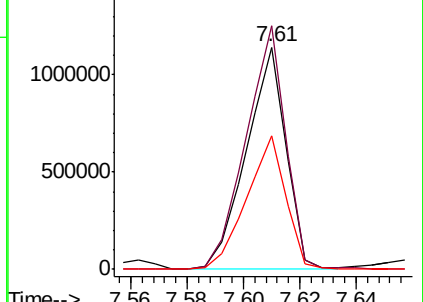
121 59.8 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.033 ng

RT: 7.70 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

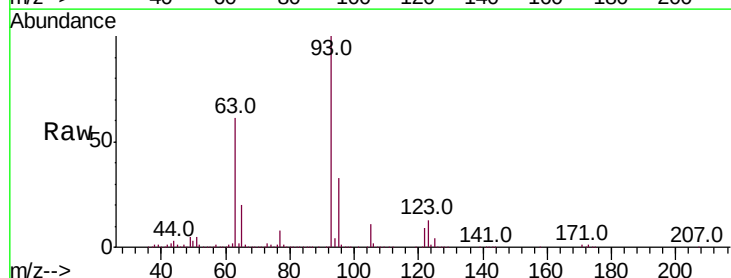
Tgt Ion: 93 Resp: 1496393

Ion Ratio Lower Upper

93 100

95 33.4 26.9 40.3

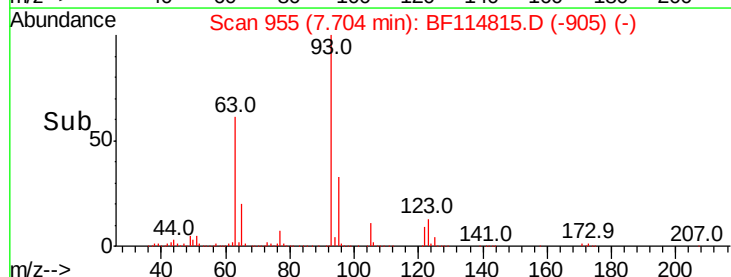
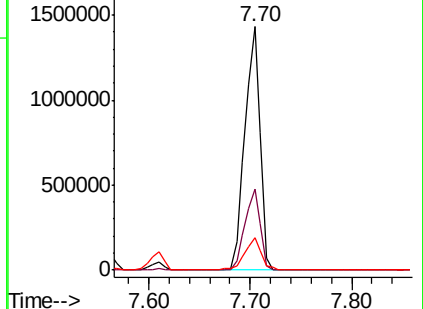
123 13.1 10.4 15.6

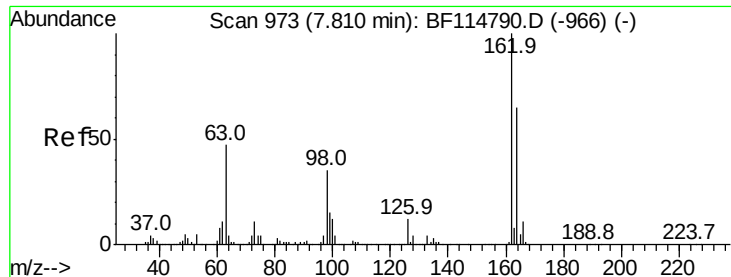


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.968 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampleId :

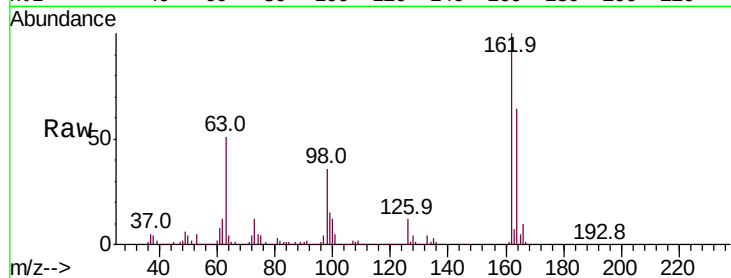
Tot Ion:162 Resp: 1117951

Ion Ratio Lower Upper

162 100

164 63.9 45.1 85.1

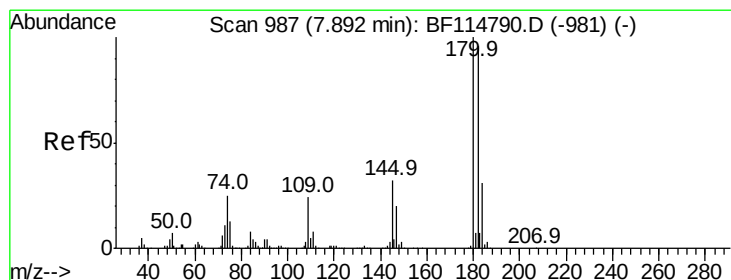
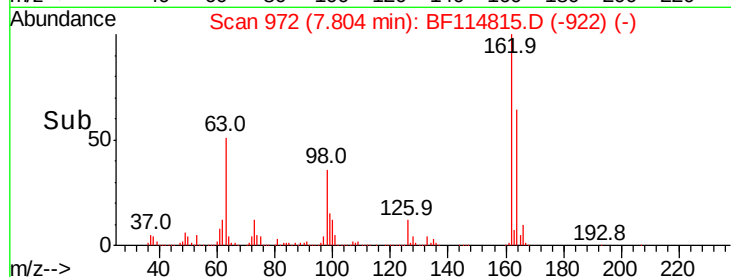
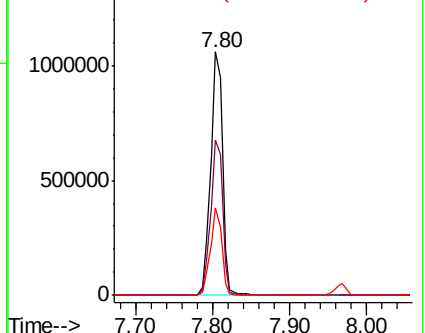
98 36.0 14.6 54.6



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: 35.248 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

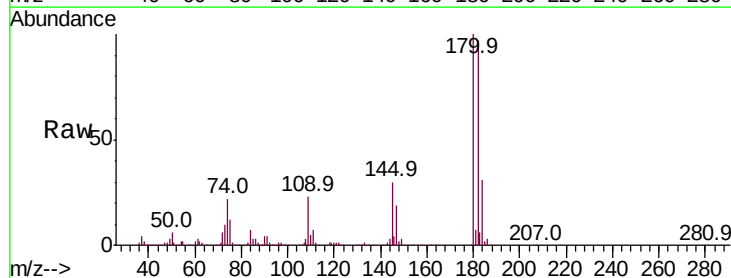
Tgt Ion:180 Resp: 1160285

Ion Ratio Lower Upper

180 100

182 97.4 76.5 114.7

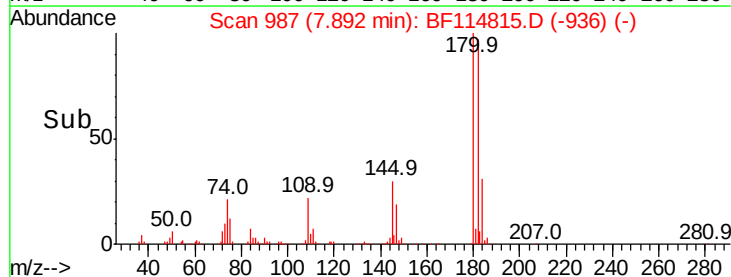
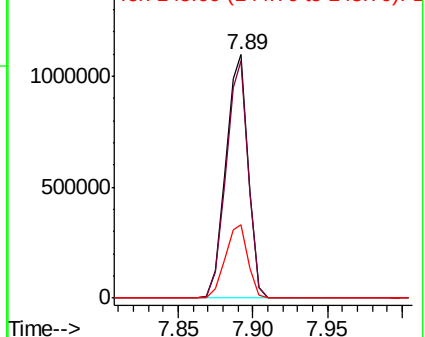
145 30.4 25.8 38.8

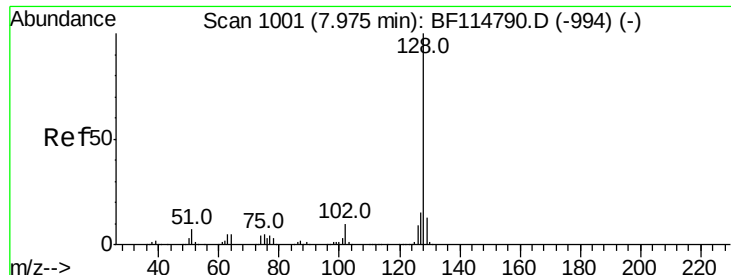


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

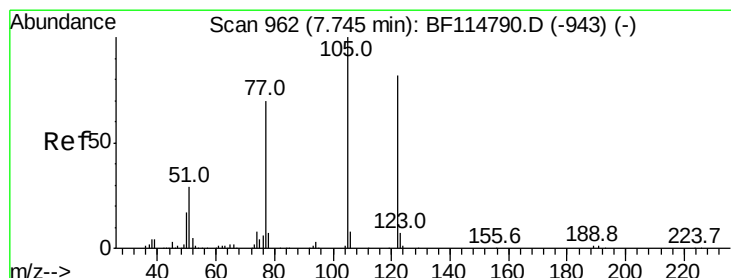
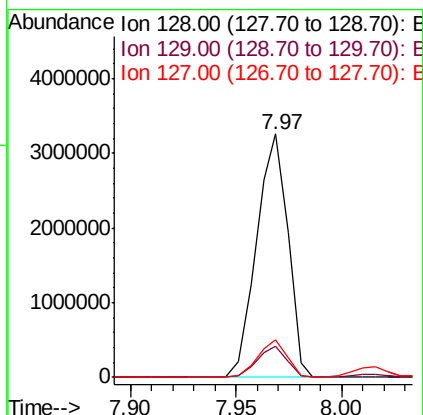
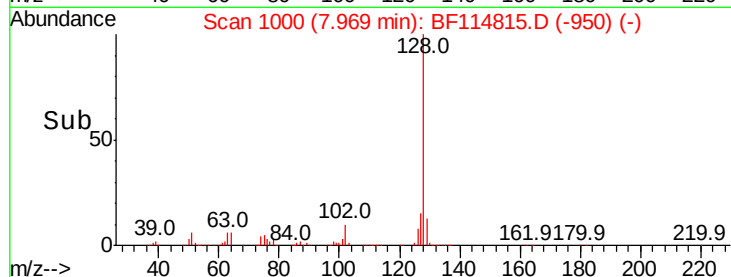
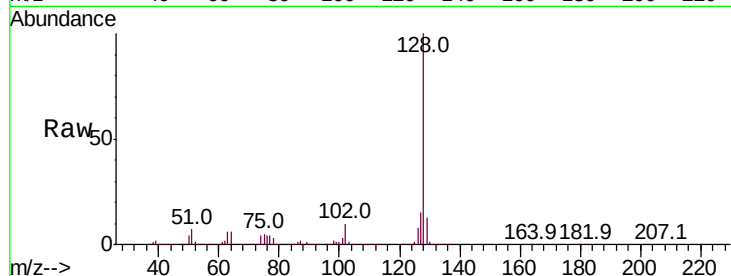




#31  
Naphthalene  
Concen: 37.982 ng  
RT: 7.97 min Scan# 1000  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

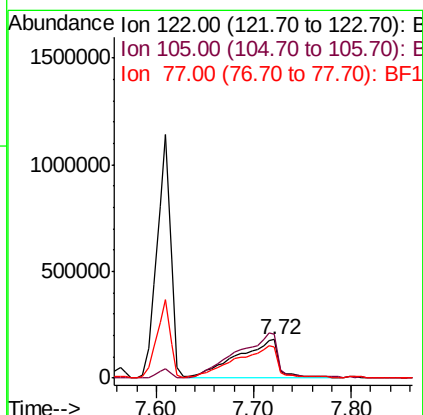
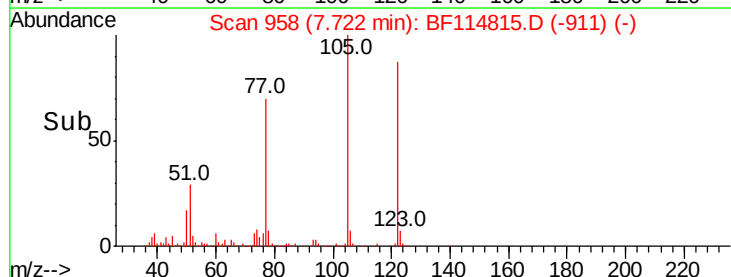
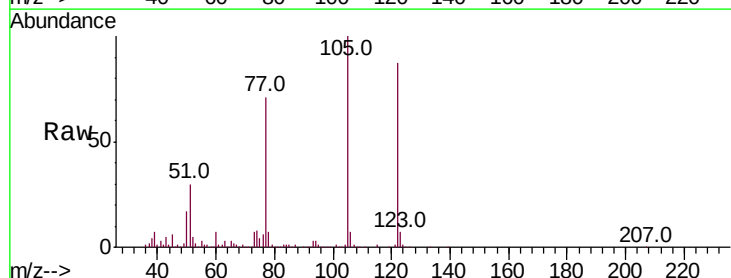
Instrument :  
BNA\_F  
ClientSampled :

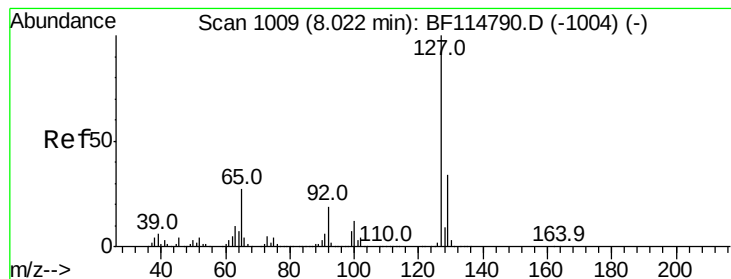
Tot Ion:128 Resp: 3365720  
Ion Ratio Lower Upper  
128 100  
129 12.9 10.0 15.0  
127 15.2 12.2 18.2



#32  
Benzoic acid  
Concen: 26.403 ng  
RT: 7.72 min Scan# 958  
Delta R.T. -0.02 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Tgt Ion:122 Resp: 524377  
Ion Ratio Lower Upper  
122 100  
105 115.3 98.7 138.7  
77 82.3 64.8 104.8





#33

4-Chloroaniline

Concen: 4.232 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:127 Resp: 178911

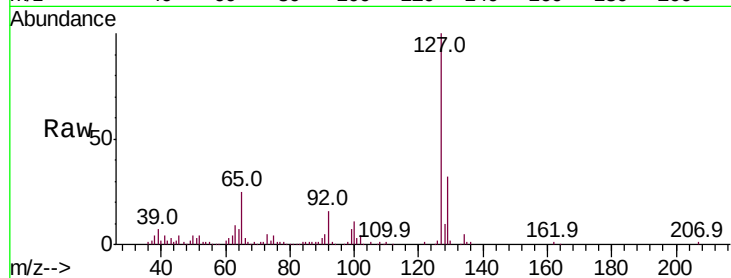
Ion Ratio Lower Upper

127 100

129 31.9 26.9 40.3

65 24.5 21.7 32.5

92 15.9 14.8 22.2

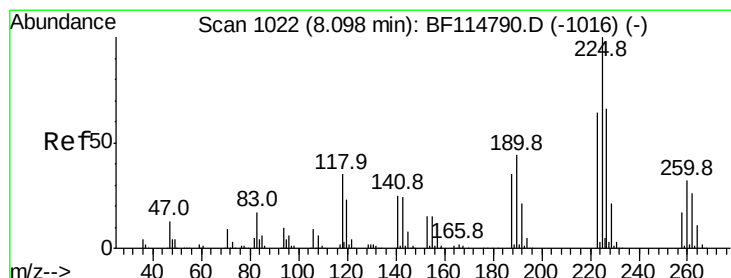
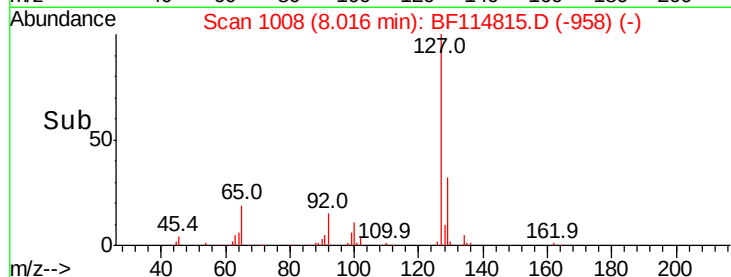
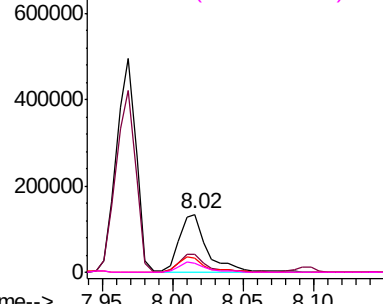


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 32.933 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

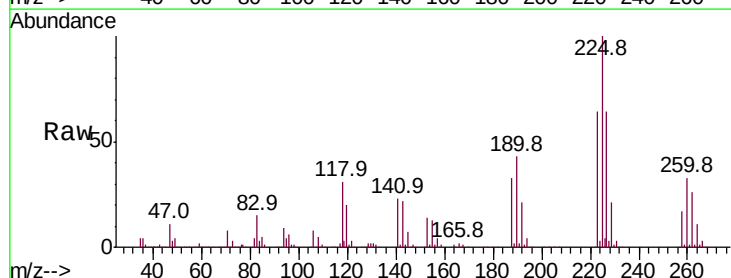
Tgt Ion:225 Resp: 616339

Ion Ratio Lower Upper

225 100

223 63.5 51.0 76.6

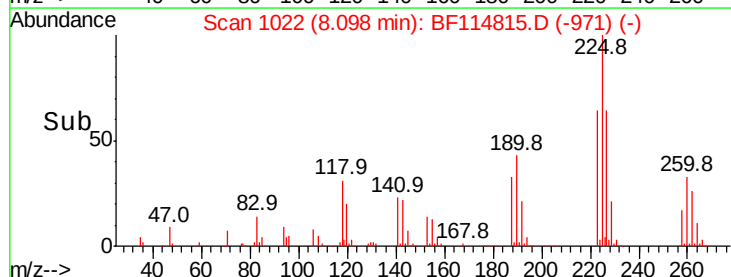
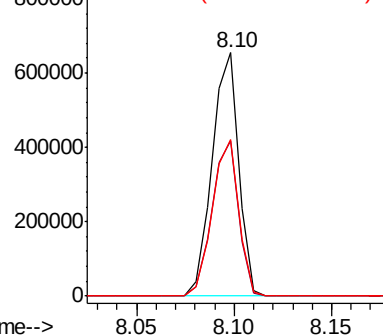
227 64.4 52.6 78.8

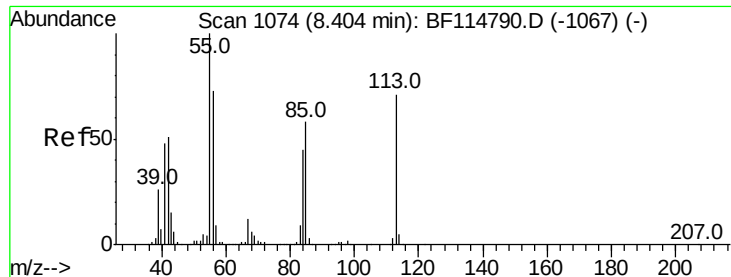


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.753 ng

RT: 8.39 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampled :

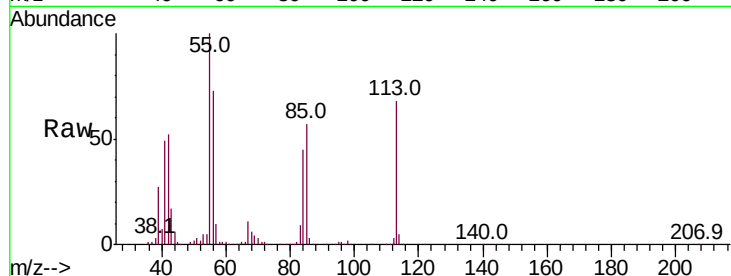
Tot Ion:113 Resp: 185120

Ion Ratio Lower Upper

113 100

55 146.6 121.1 161.1

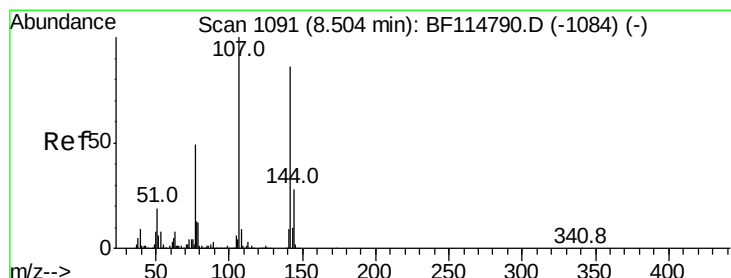
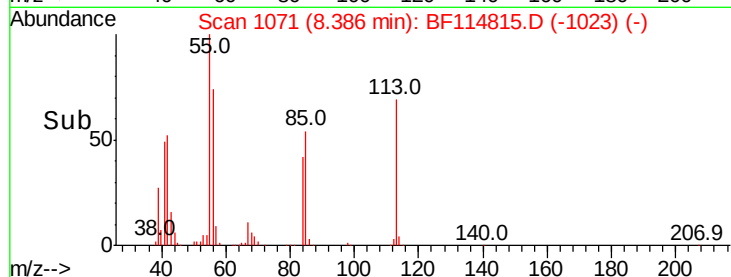
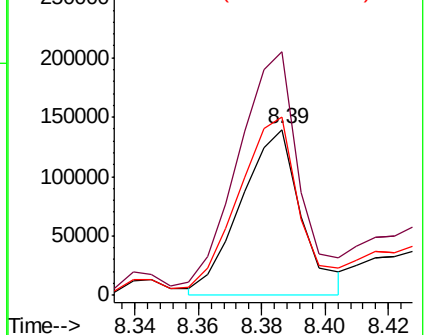
56 107.7 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.816 ng

RT: 8.50 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

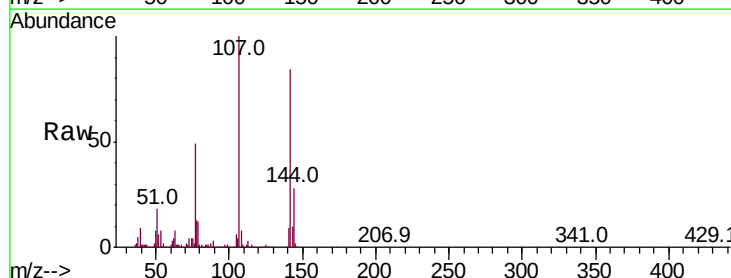
Tgt Ion:107 Resp: 1165180

Ion Ratio Lower Upper

107 100

144 28.2 22.1 33.1

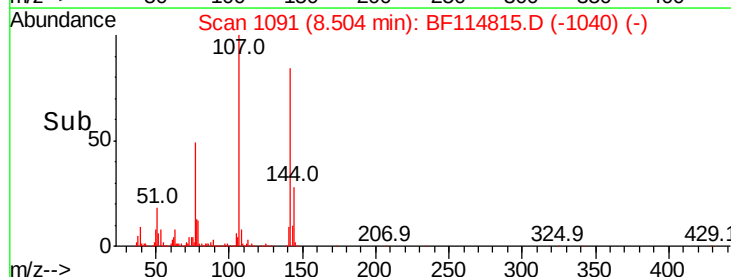
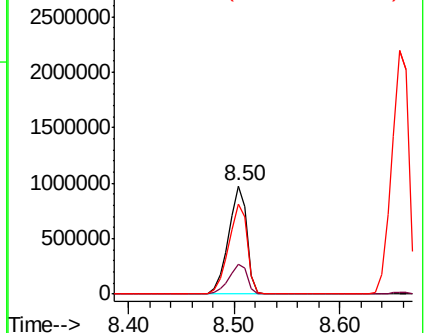
142 83.7 68.4 102.6

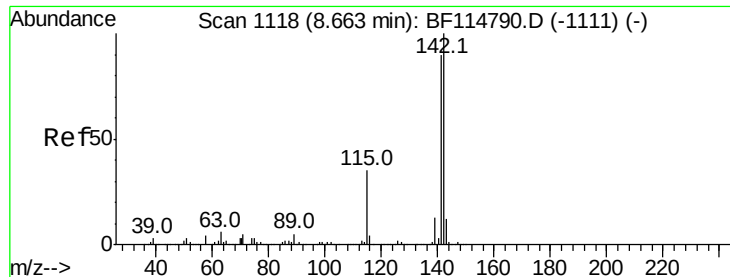


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

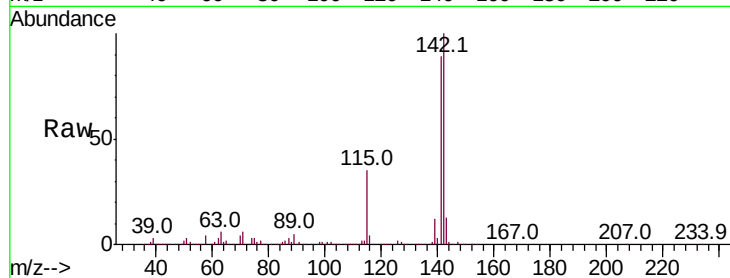




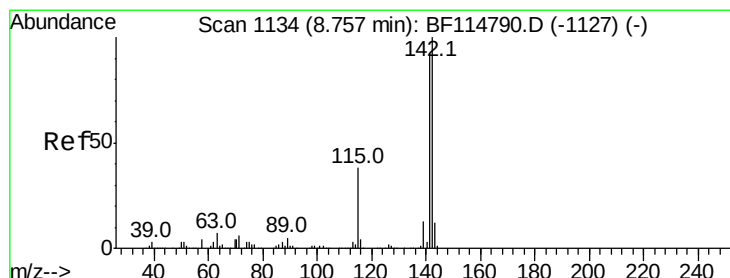
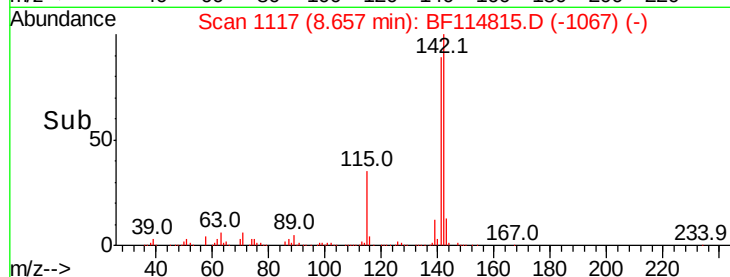
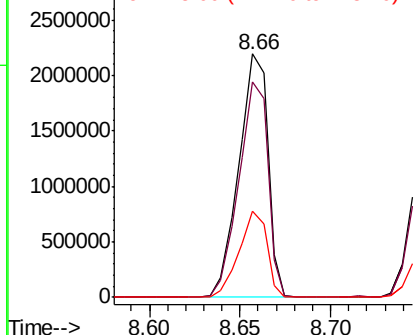
#37  
2-Methylnaphthalene  
Concen: 40.075 ng  
RT: 8.66 min Scan# 1117  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:142 Resp: 2463169  
Ion Ratio Lower Upper  
142 100  
141 88.6 71.6 107.4  
115 35.2 28.2 42.4

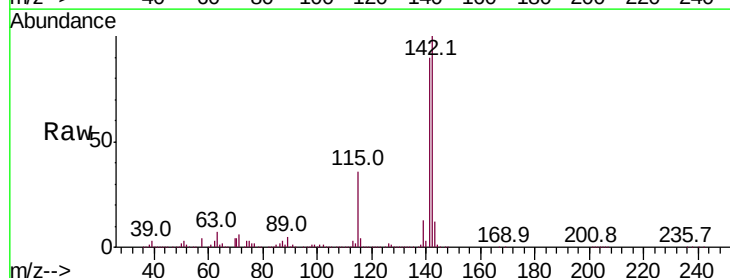


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

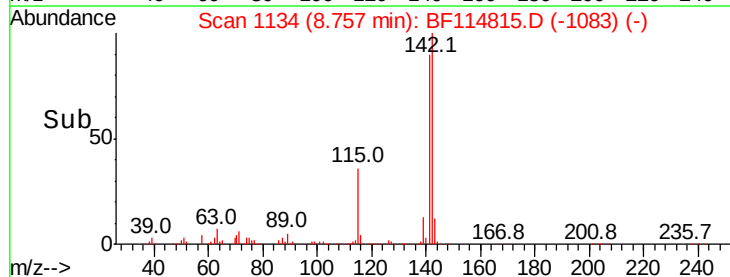
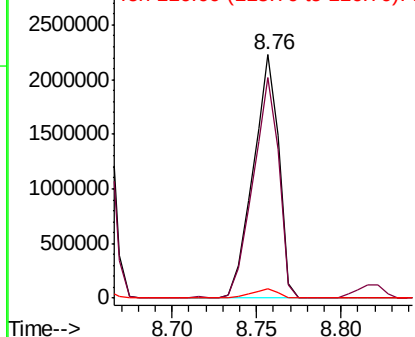


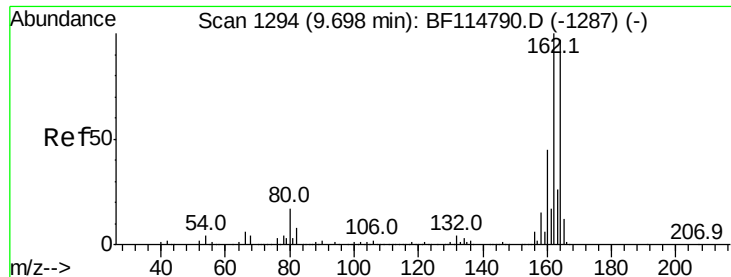
#38  
1-Methylnaphthalene  
Concen: 40.192 ng  
RT: 8.76 min Scan# 1134  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Tgt Ion:142 Resp: 2342749  
Ion Ratio Lower Upper  
142 100  
141 90.5 73.8 110.6  
116 3.9 3.3 4.9



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

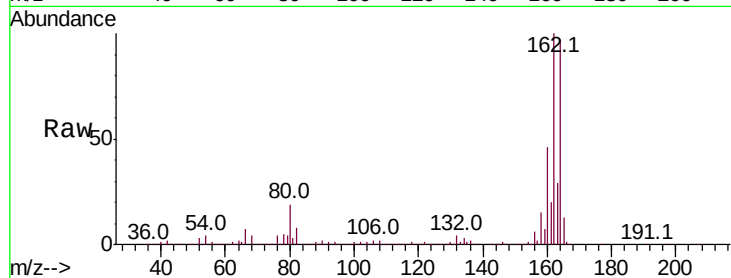




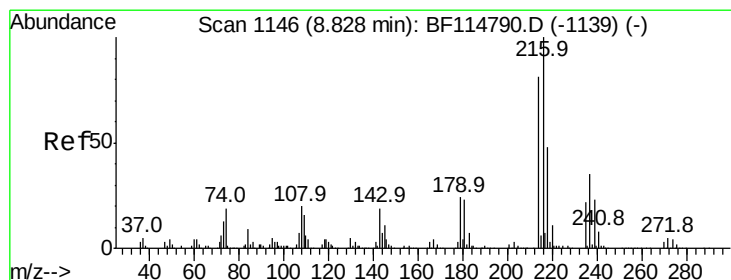
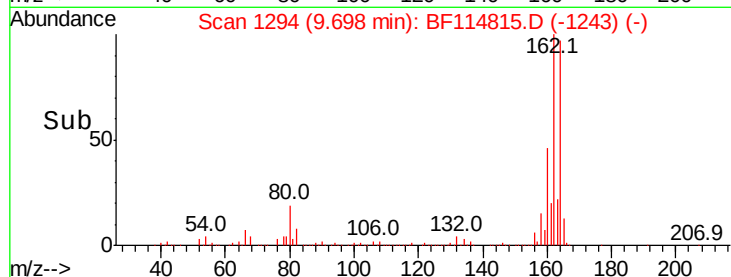
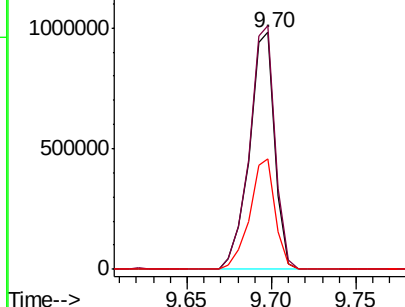
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.70 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:164 Resp: 1029987  
Ion Ratio Lower Upper  
164 100  
162 102.8 82.3 123.5  
160 46.8 36.7 55.1

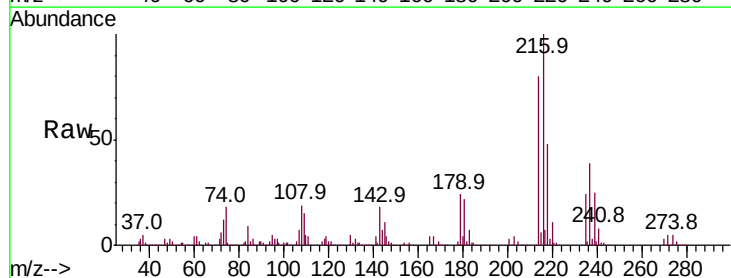


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

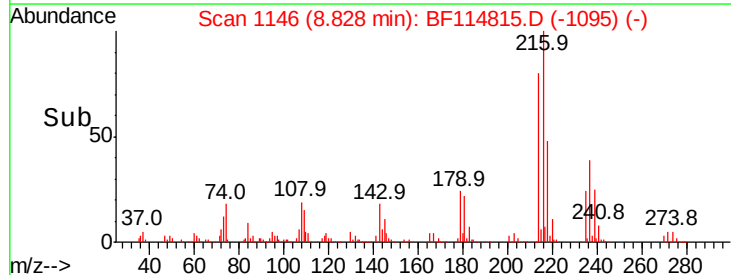
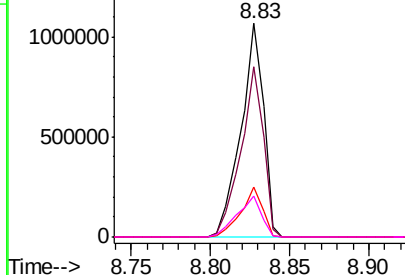


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 35.483 ng  
RT: 8.83 min Scan# 1146  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

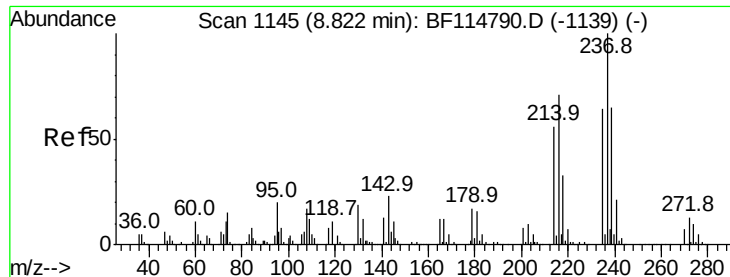
Tgt Ion:216 Resp: 1053218  
Ion Ratio Lower Upper  
216 100  
214 79.4 63.4 95.2  
179 22.5 18.3 27.5  
108 20.7 15.5 23.3



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 60.166 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :  
BNA\_F  
ClientSampleId :

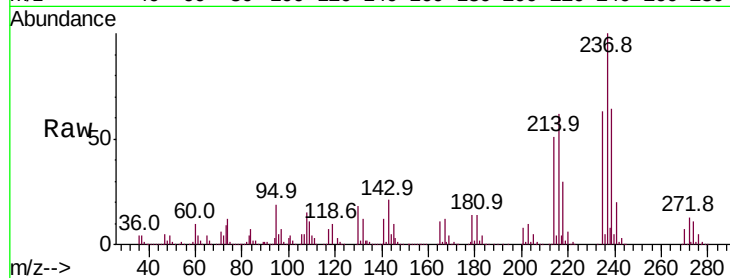
Tot Ion:237 Resp: 1083131

Ion Ratio Lower Upper

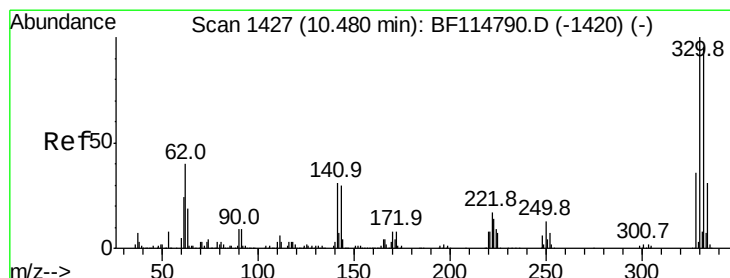
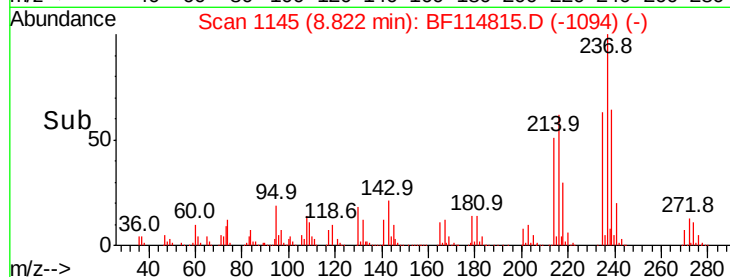
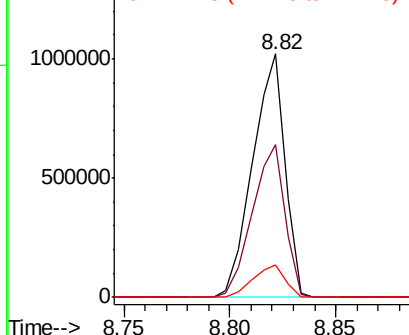
237 100

235 62.7 44.0 84.0

272 13.2 0.0 33.4



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



#42

2,4,6-Tribromophenol

Concen: 109.350 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

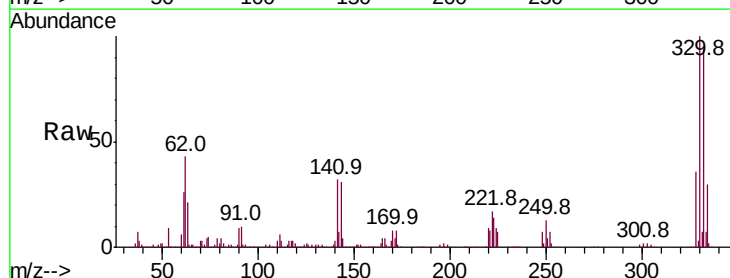
Tgt Ion:330 Resp: 1213752

Ion Ratio Lower Upper

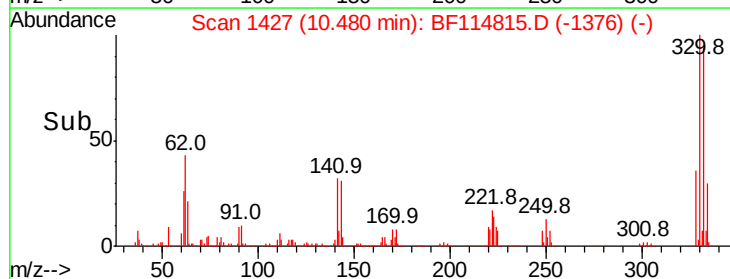
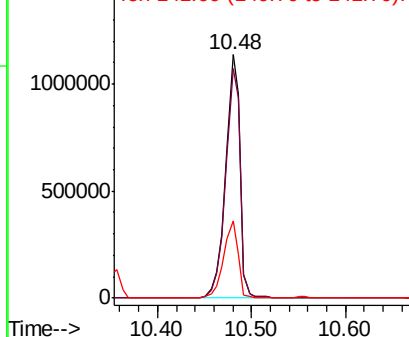
330 100

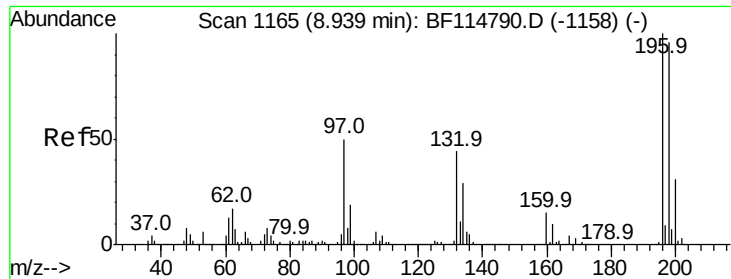
332 95.9 77.3 115.9

141 32.2 26.2 39.4



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

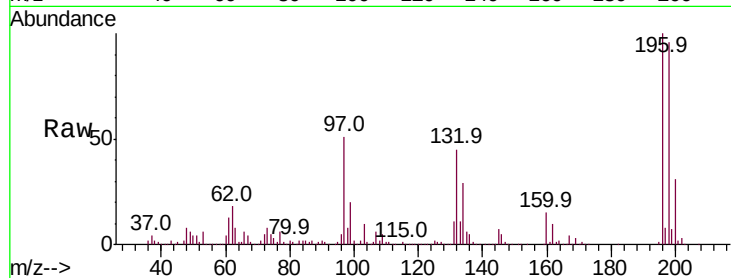




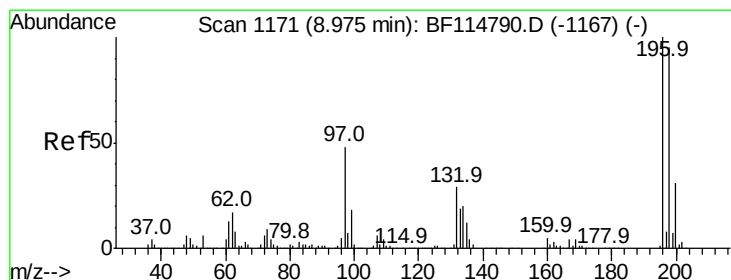
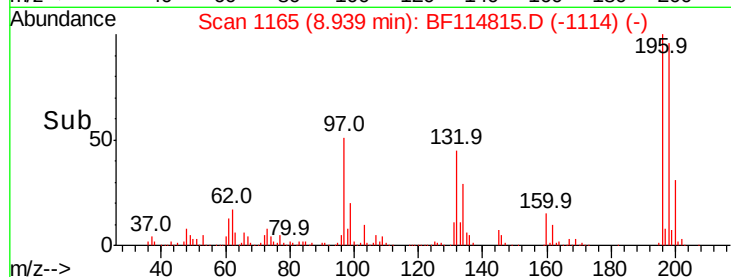
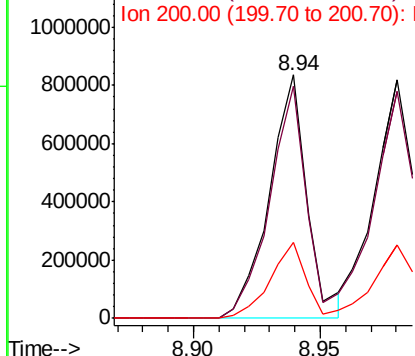
#43  
 2,4,6-Trichlorophenol  
 Concen: 37.285 ng  
 RT: 8.94 min Scan# 1165  
 Delta R.T. 0.00 min  
 Lab File: BF114815.D  
 Acq: 5 Jun 2019 12:38

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:196 Resp: 860573  
 Ion Ratio Lower Upper  
 196 100  
 198 95.5 77.1 115.7  
 200 31.1 24.6 36.8

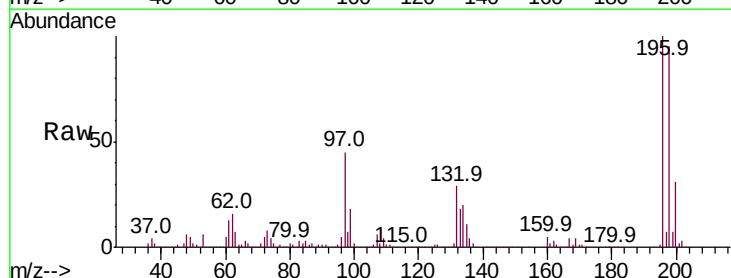


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

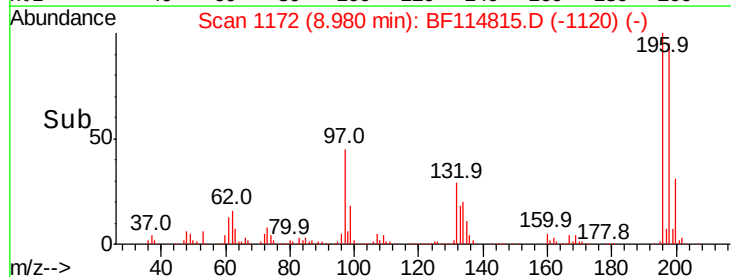
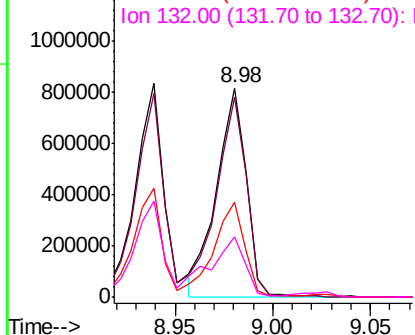


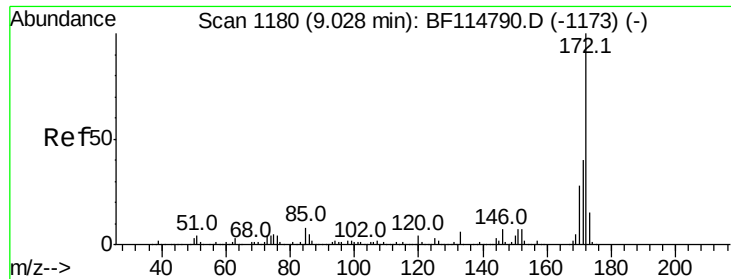
#44  
 2,4,5-Trichlorophenol  
 Concen: 37.104 ng  
 RT: 8.98 min Scan# 1172  
 Delta R.T. 0.01 min  
 Lab File: BF114815.D  
 Acq: 5 Jun 2019 12:38

Tgt Ion:196 Resp: 862467  
 Ion Ratio Lower Upper  
 196 100  
 198 95.4 76.2 114.4  
 97 45.1 38.2 57.4  
 132 28.9 23.7 35.5



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

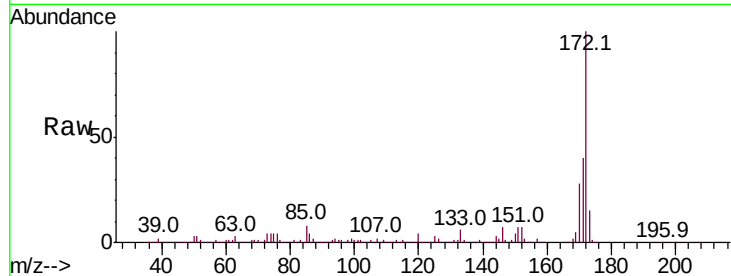




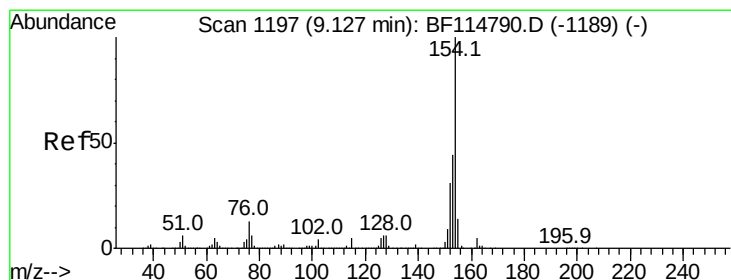
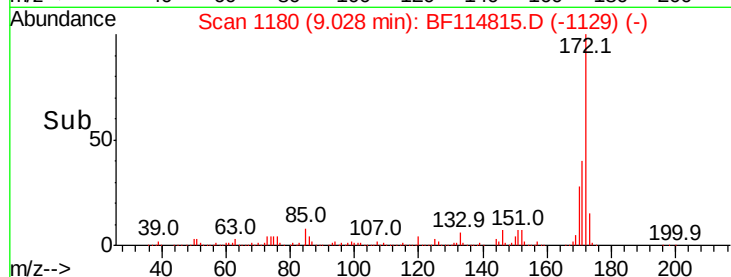
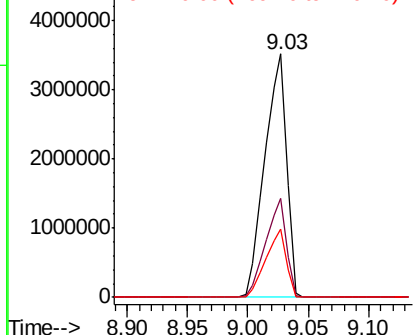
#45  
2-Fluorobiphenyl  
Concen: 80.125 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 4405544  
Ion Ratio Lower Upper  
172 100  
171 40.4 32.3 48.5  
170 28.0 22.4 33.6

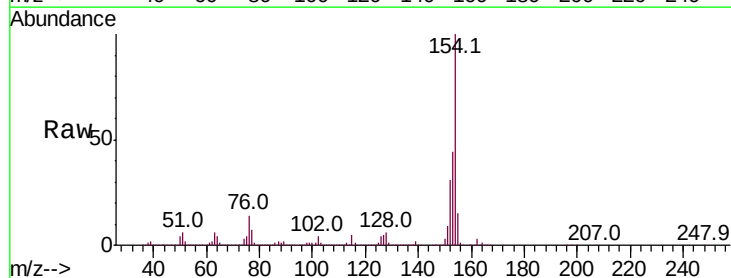


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

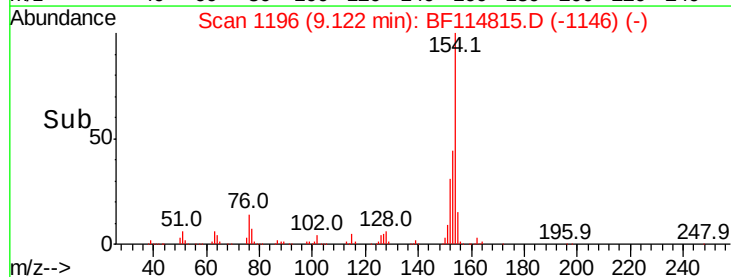
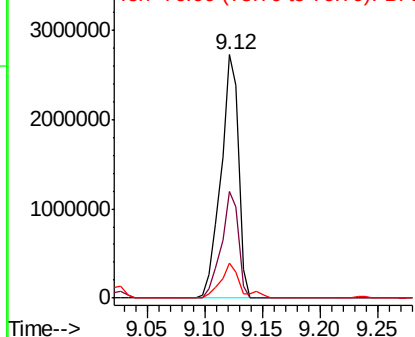


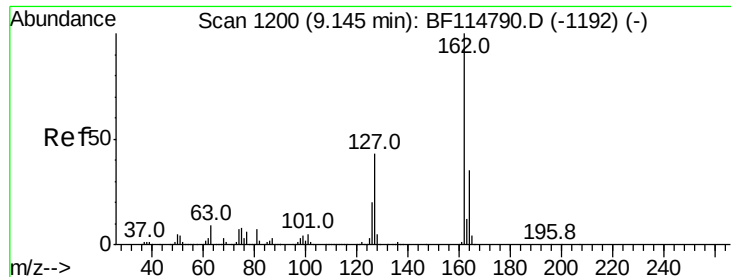
#46  
1,1'-Biphenyl  
Concen: 37.744 ng  
RT: 9.12 min Scan# 1196  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Tgt Ion:154 Resp: 2881269  
Ion Ratio Lower Upper  
154 100  
153 43.7 23.9 63.9  
76 14.4 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1

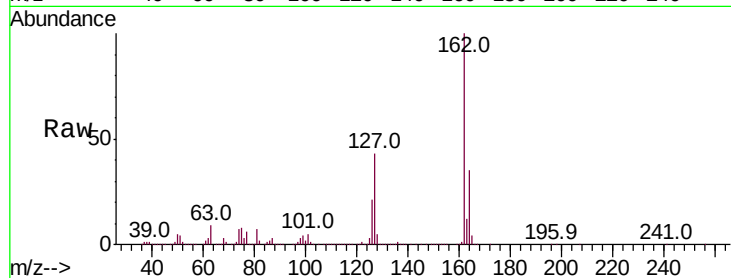




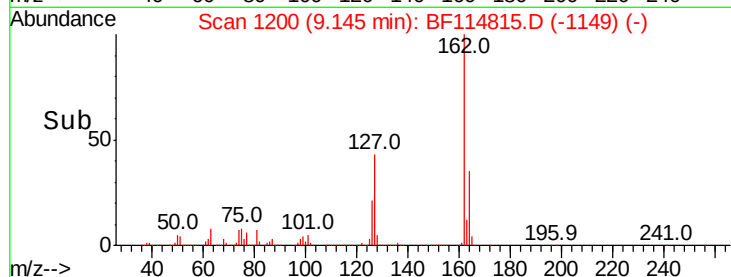
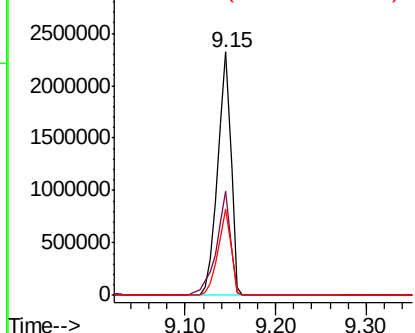
#47  
 2-Chloronaphthalene  
 Concen: 35.852 ng  
 RT: 9.15 min Scan# 1200  
 Delta R.T. 0.00 min  
 Lab File: BF114815.D  
 Acq: 5 Jun 2019 12:38

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 2325579  
 Ion Ratio Lower Upper  
 162 100  
 127 42.8 34.6 51.8  
 164 35.5 27.8 41.8

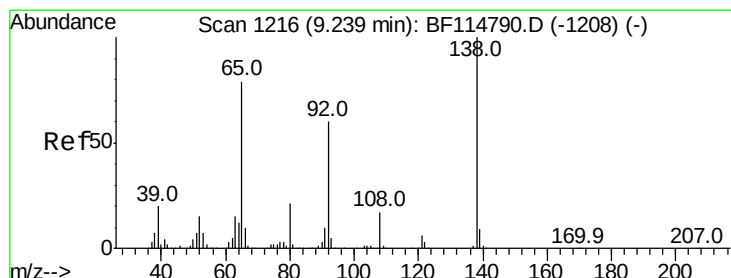


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

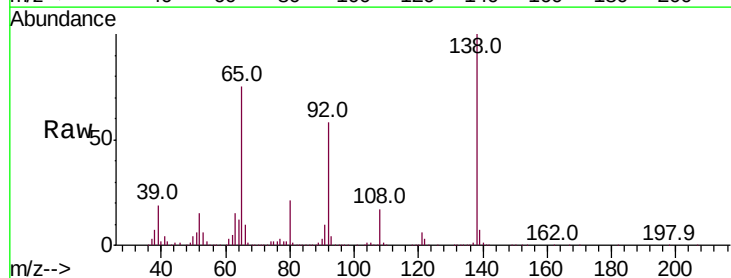
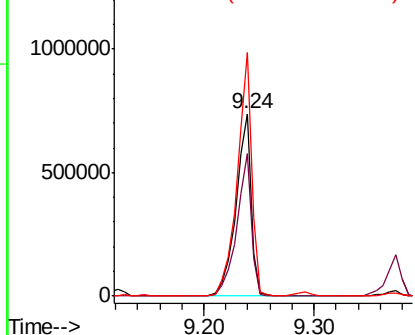


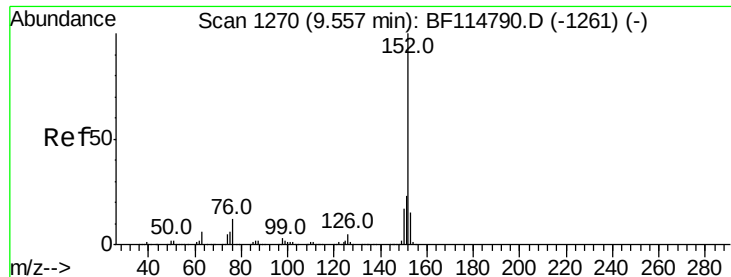
#48  
 2-Nitroaniline  
 Concen: 36.927 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. 0.00 min  
 Lab File: BF114815.D  
 Acq: 5 Jun 2019 12:38

Tgt Ion: 65 Resp: 714810  
 Ion Ratio Lower Upper  
 65 100  
 92 77.9 60.4 90.6  
 138 133.4 101.2 151.8



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





#49

Acenaphthylene

Concen: 38.133 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

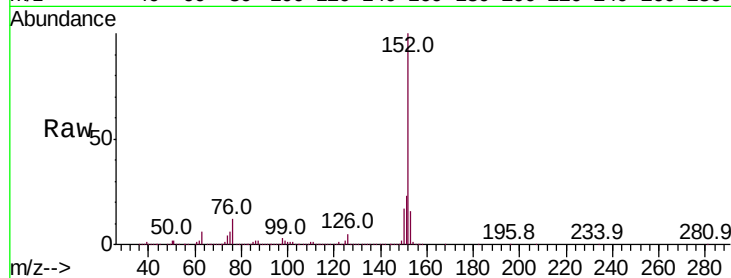
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:152 Resp: 3587022

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 23.4  | 18.3  | 27.5  |
| 153 | 15.6  | 12.3  | 18.5  |

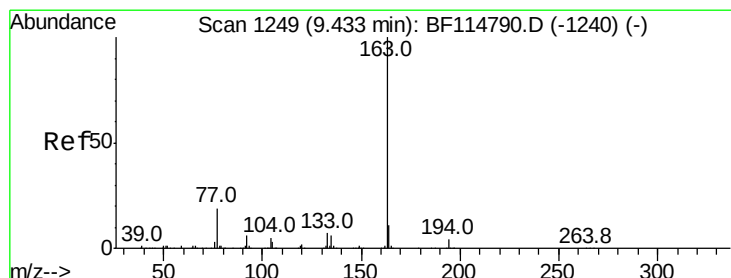
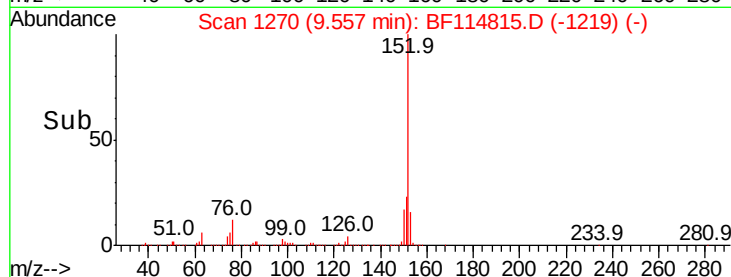
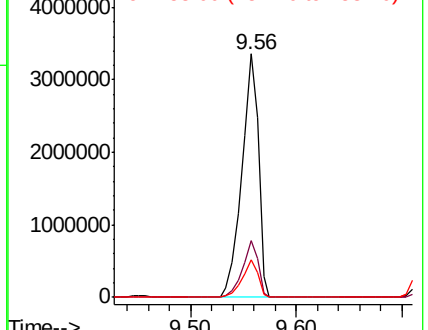


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.737 ng

RT: 9.43 min Scan# 1248

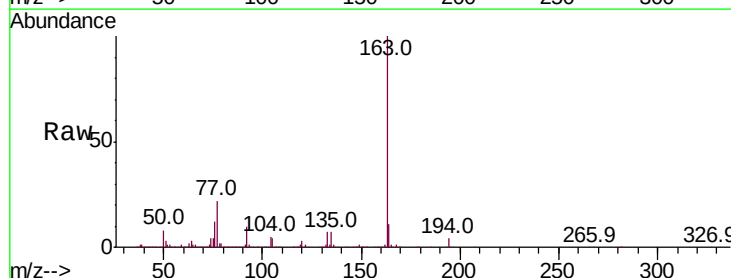
Delta R.T. -0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Tgt Ion:163 Resp: 2838819

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.1   | 3.4   | 5.2   |
| 164 | 11.5  | 8.6   | 13.0  |

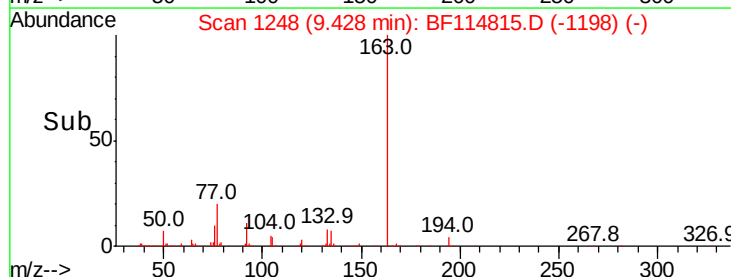
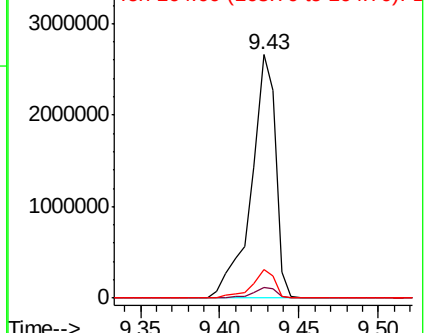


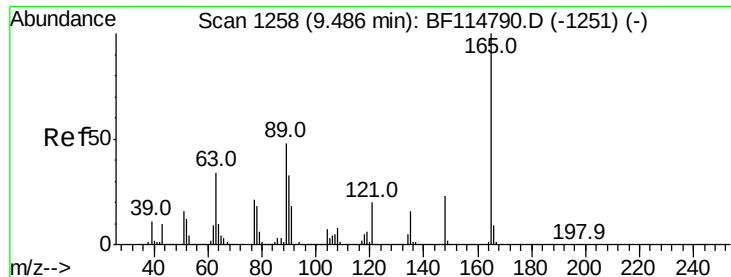
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

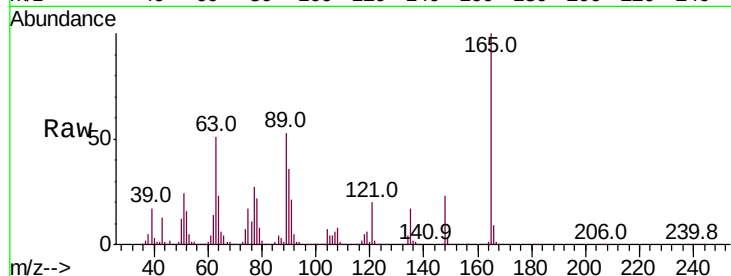




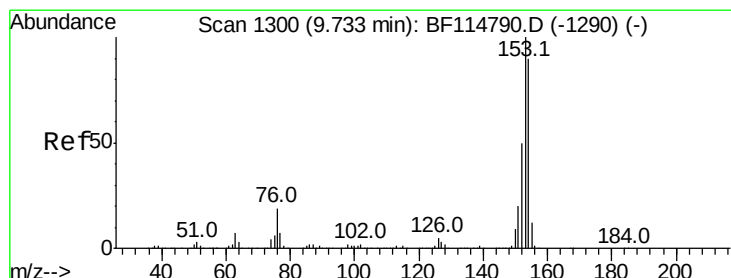
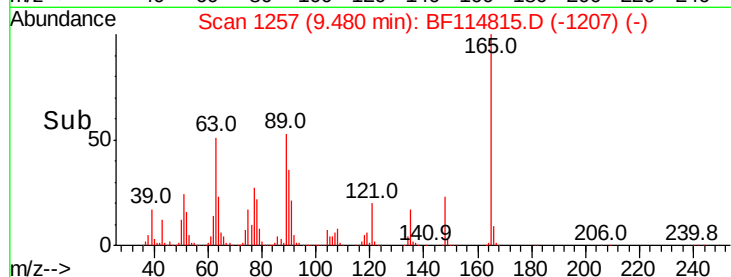
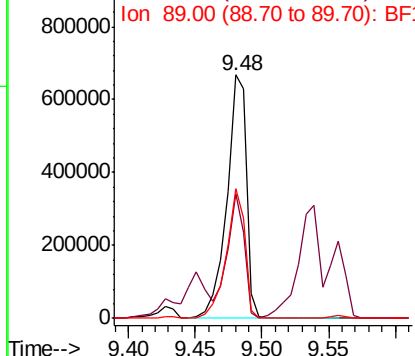
#51  
 2,6-Dinitrotoluene  
 Concen: 39.166 ng  
 RT: 9.48 min Scan# 1257  
 Delta R.T. -0.01 min  
 Lab File: BF114815.D  
 Acq: 5 Jun 2019 12:38

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:165 Resp: 692902  
 Ion Ratio Lower Upper  
 165 100  
 63 50.9 35.1 52.7  
 89 53.4 38.2 57.2

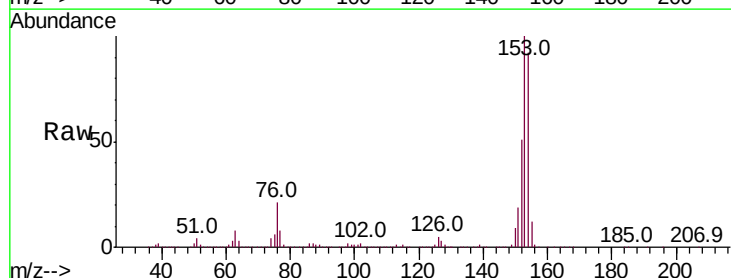


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

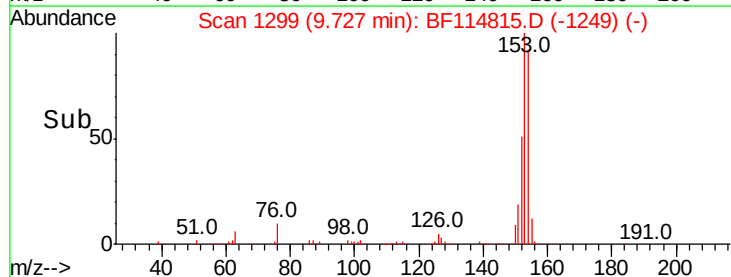
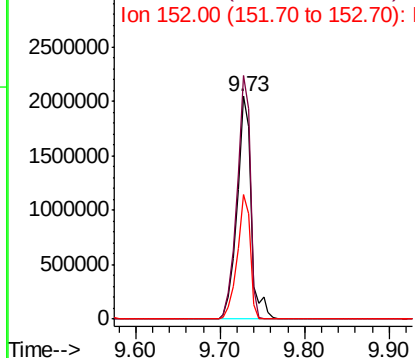


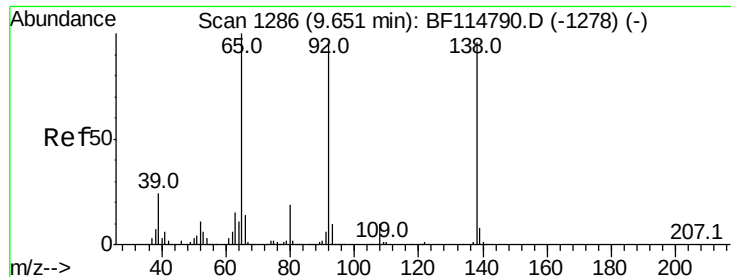
#52  
 Acenaphthene  
 Concen: 37.691 ng  
 RT: 9.73 min Scan# 1299  
 Delta R.T. -0.01 min  
 Lab File: BF114815.D  
 Acq: 5 Jun 2019 12:38

Tgt Ion:154 Resp: 2322533  
 Ion Ratio Lower Upper  
 154 100  
 153 109.3 88.5 132.7  
 152 55.7 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E

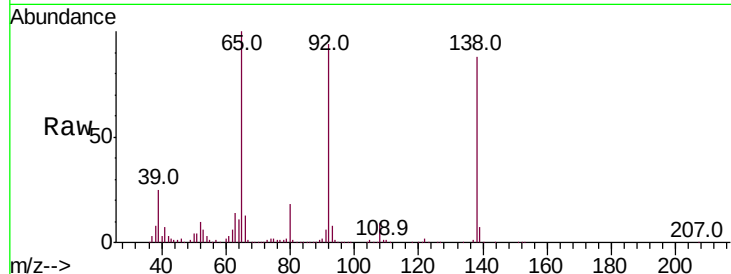




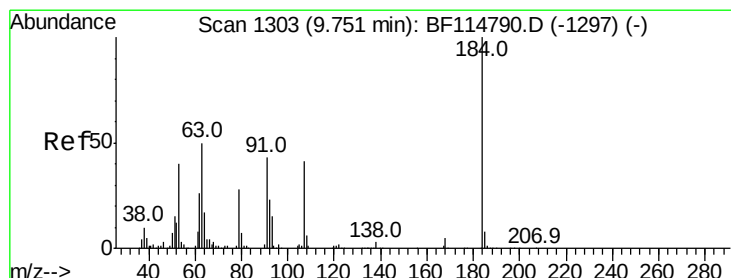
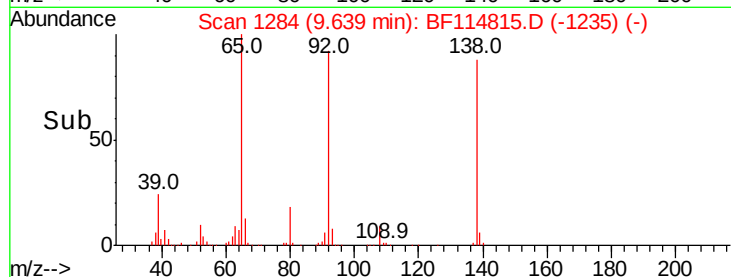
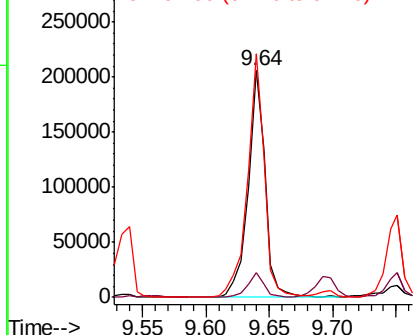
#53  
3-Nitroaniline  
Concen: 9.302 ng  
RT: 9.64 min Scan# 1284  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:138 Resp: 192247  
Ion Ratio Lower Upper  
138 100  
108 10.7 7.9 11.9  
92 107.5 79.9 119.9

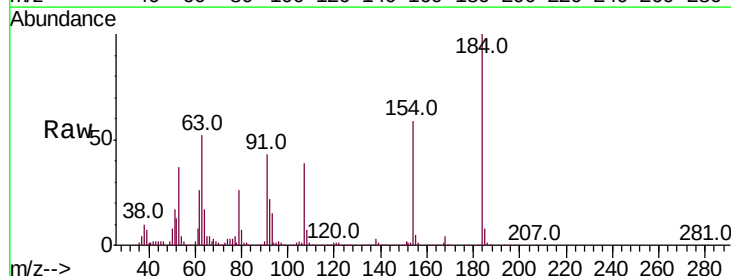


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

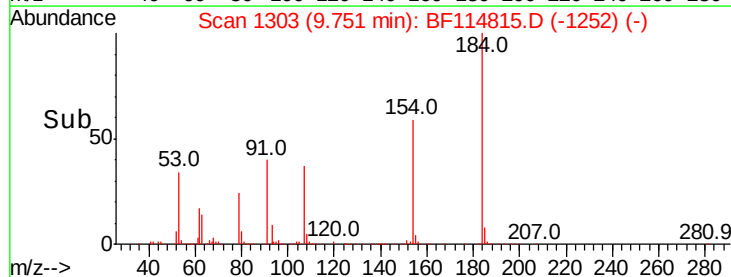
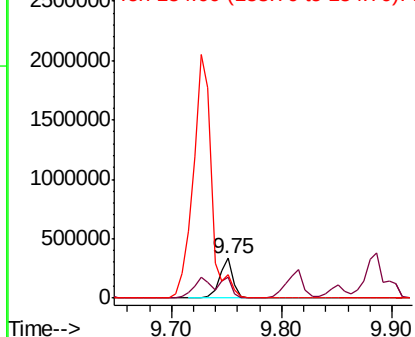


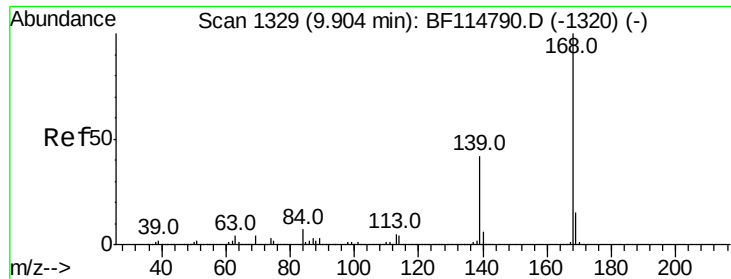
#54  
2,4-Dinitrophenol  
Concen: 35.398 ng  
RT: 9.75 min Scan# 1303  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Tgt Ion:184 Resp: 283382  
Ion Ratio Lower Upper  
184 100  
63 52.0 44.1 66.1  
154 59.3 48.1 72.1



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

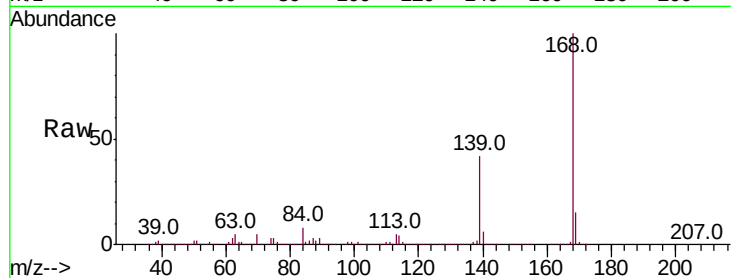




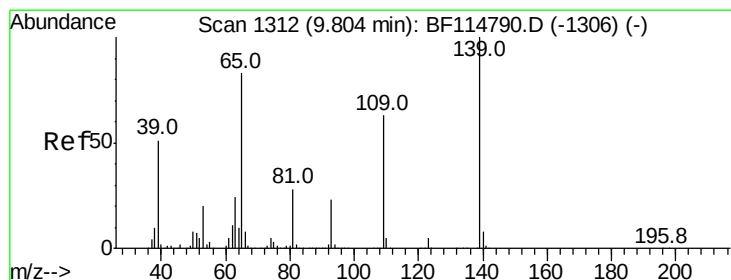
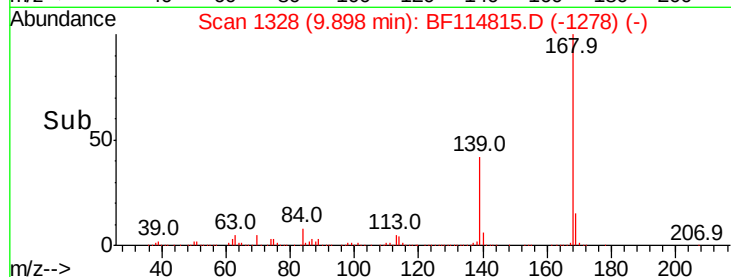
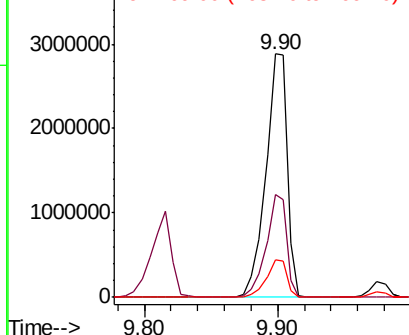
#55  
Dibenzofuran  
Concen: 37.447 ng  
RT: 9.90 min Scan# 1328  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 3208637  
Ion Ratio Lower Upper  
168 100  
139 42.1 33.8 50.6  
169 15.3 11.9 17.9

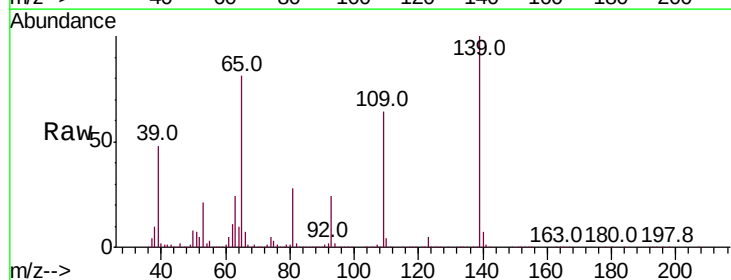


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

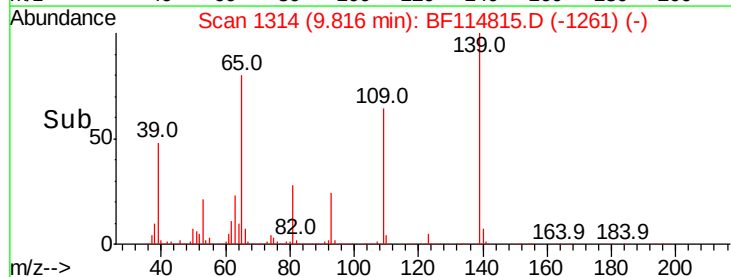
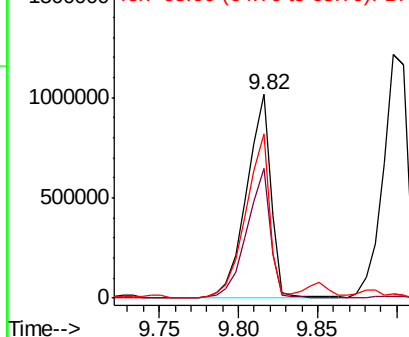


#56  
4-Nitrophenol  
Concen: 71.693 ng  
RT: 9.82 min Scan# 1314  
Delta R.T. 0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

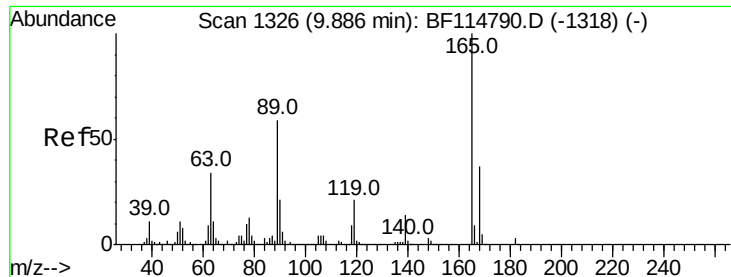
Tgt Ion:139 Resp: 1085722  
Ion Ratio Lower Upper  
139 100  
109 63.6 43.5 83.5  
65 80.6 63.2 103.2



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



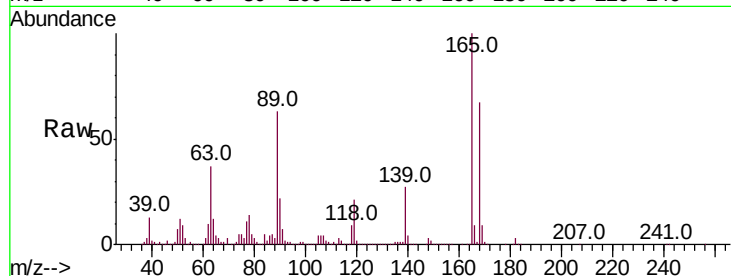




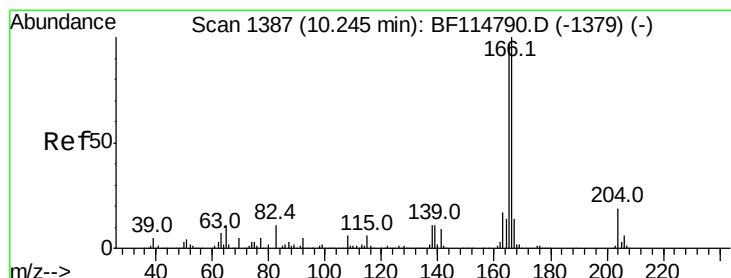
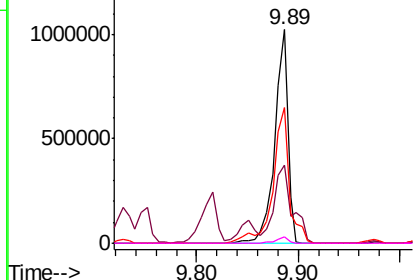
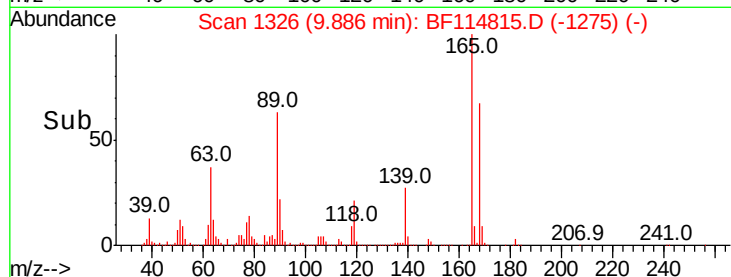
#57  
2,4-Dinitrotoluene  
Concen: 41.269 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:165 Resp: 917838  
Ion Ratio Lower Upper  
165 100  
63 36.8 27.0 40.4  
89 63.5 47.0 70.6  
182 2.7 2.2 3.2

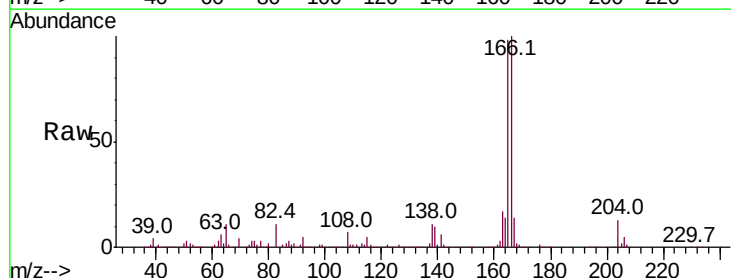


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

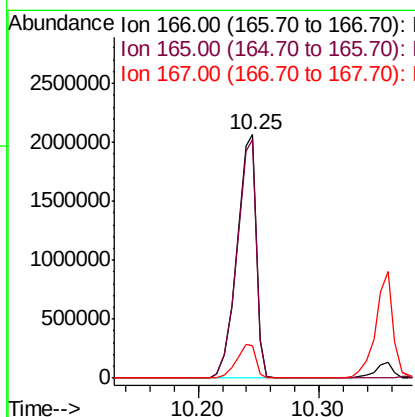
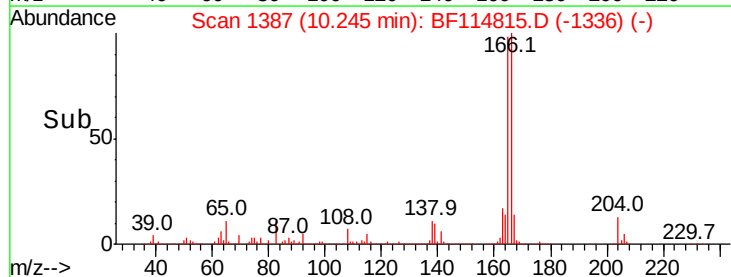


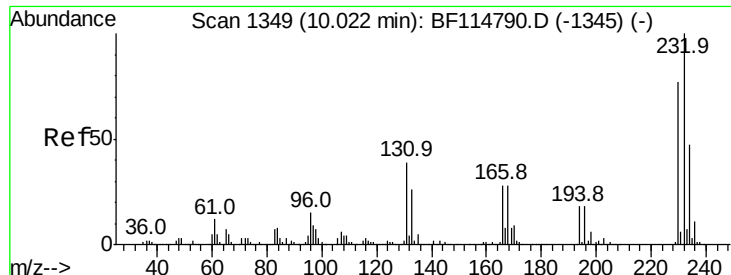
#58  
Fluorene  
Concen: 40.920 ng  
RT: 10.25 min Scan# 1387  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Tgt Ion:166 Resp: 2293021  
Ion Ratio Lower Upper  
166 100  
165 97.8 77.9 116.9  
167 13.6 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

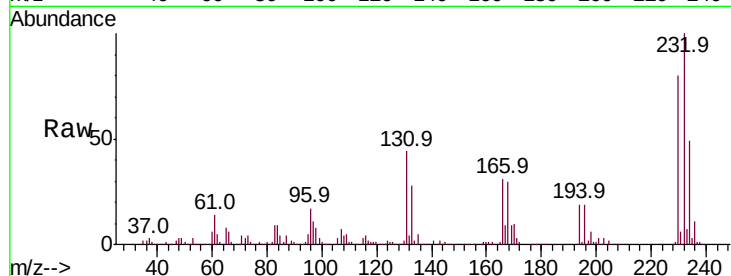




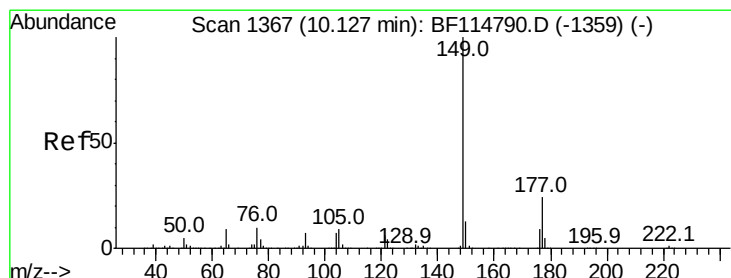
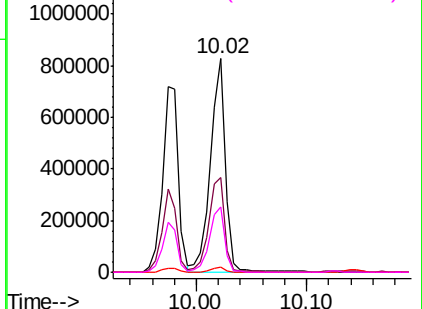
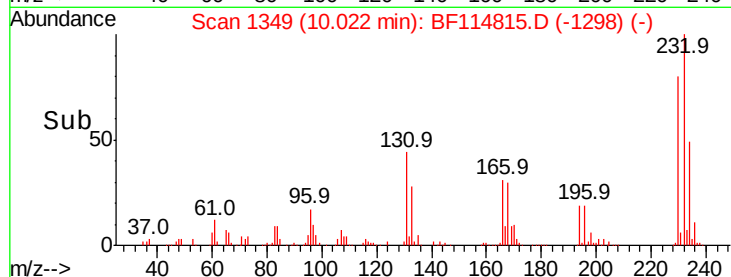
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.818 ng  
 RT: 10.02 min Scan# 1349  
 Delta R.T. 0.00 min  
 Lab File: BF114815.D  
 Acq: 5 Jun 2019 12:38

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:232 Resp: 758294  
 Ion Ratio Lower Upper  
 232 100  
 131 47.0 36.8 55.2  
 130 2.3 1.8 2.6  
 166 31.2 24.6 37.0

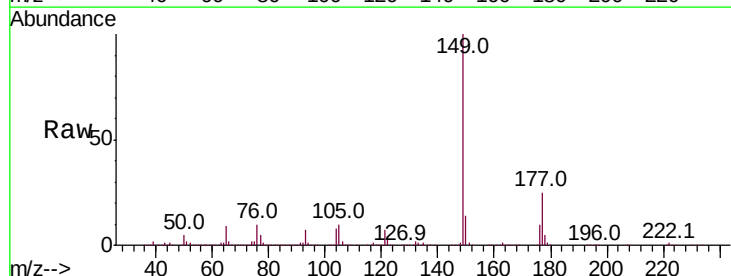


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

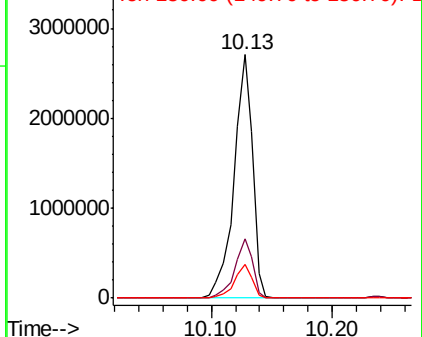
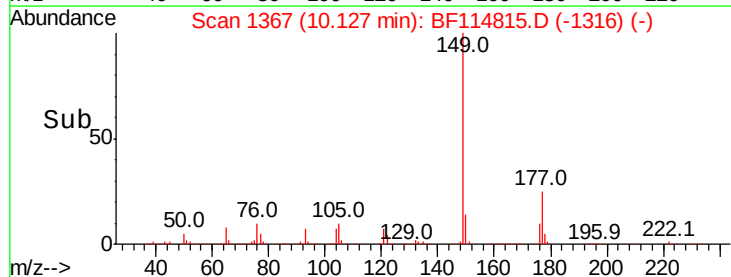


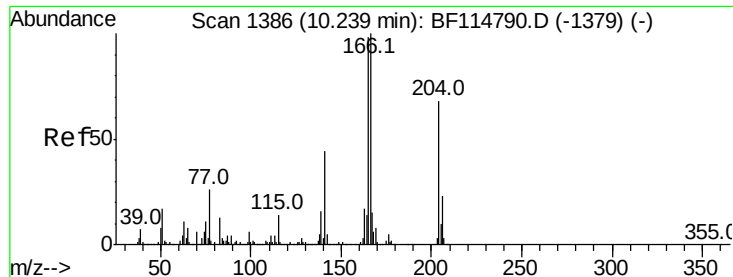
#60  
 Diethylphthalate  
 Concen: 38.237 ng  
 RT: 10.13 min Scan# 1367  
 Delta R.T. 0.00 min  
 Lab File: BF114815.D  
 Acq: 5 Jun 2019 12:38

Tgt Ion:149 Resp: 2886352  
 Ion Ratio Lower Upper  
 149 100  
 177 24.5 19.3 28.9  
 150 14.0 10.7 16.1



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

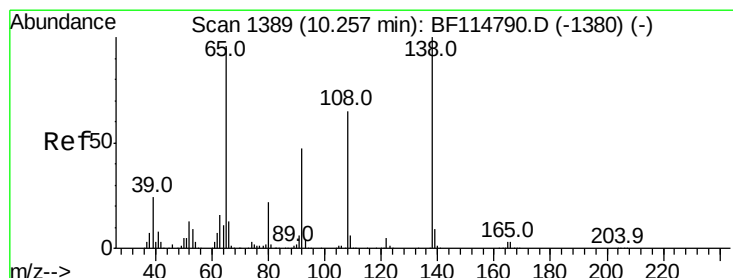
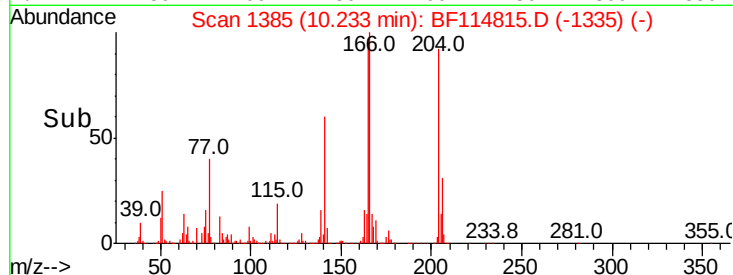
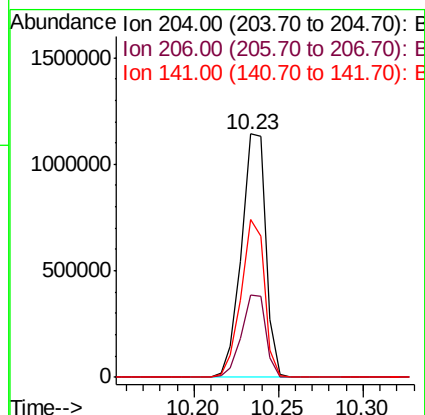
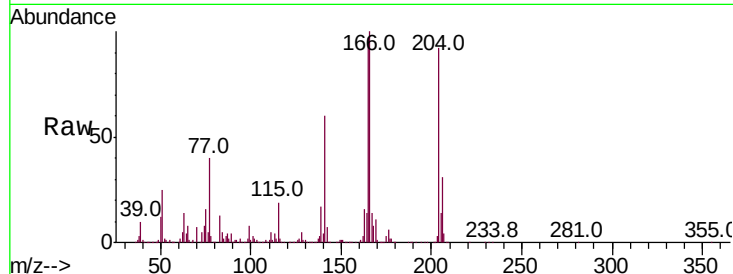




#61  
4-Chlorophenyl-phenylether  
Concen: 35.171 ng  
RT: 10.23 min Scan# 1385  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

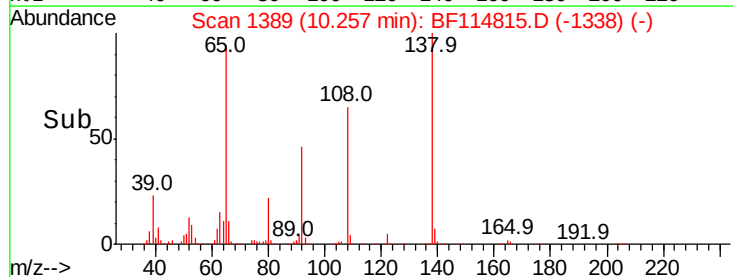
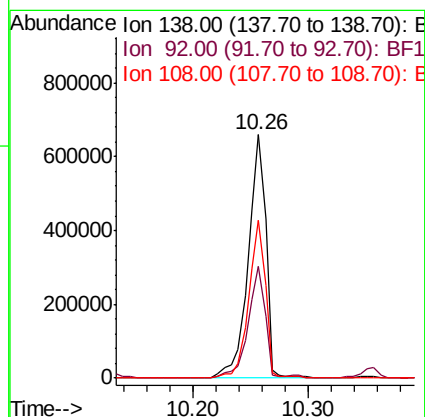
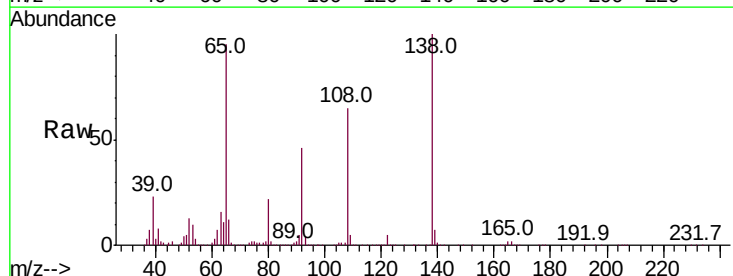
Instrument :  
BNA\_F  
ClientSampleId :

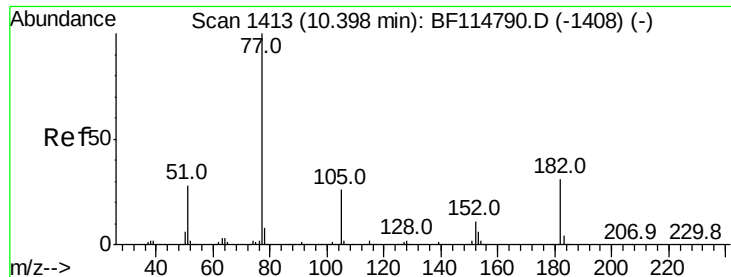
Tot Ion:204 Resp: 1154258  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.5 39.7  
141 65.0 51.0 76.4



#62  
4-Nitroaniline  
Concen: 34.865 ng  
RT: 10.26 min Scan# 1389  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Tgt Ion:138 Resp: 698881  
Ion Ratio Lower Upper  
138 100  
92 46.0 26.5 66.5  
108 64.9 45.4 85.4





#63

Azobenzene

Concen: 39.404 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 2531937

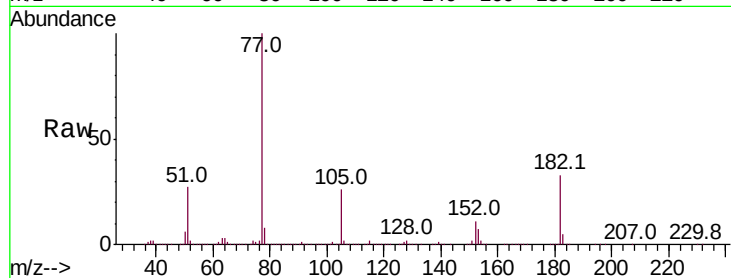
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 32.6  | 11.2  | 51.2  |
| 105 | 26.3  | 5.7   | 45.7  |
| 51  | 27.1  | 8.0   | 48.0  |

77 100

182 32.6 11.2 51.2

105 26.3 5.7 45.7

51 27.1 8.0 48.0

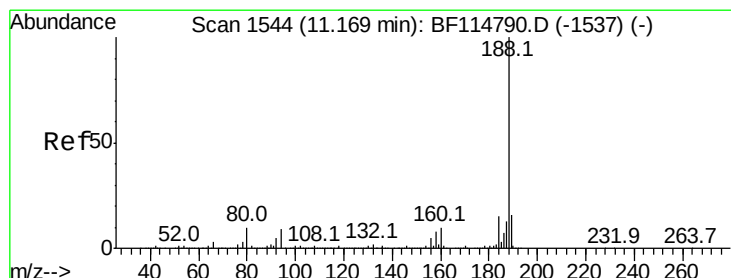
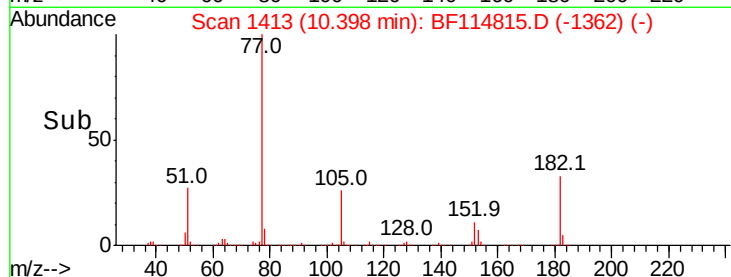
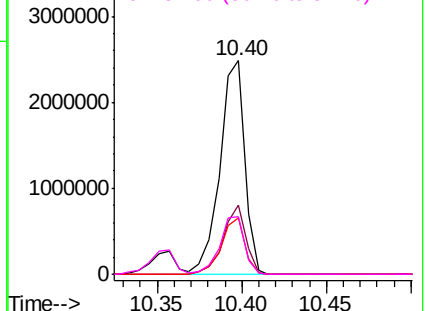


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

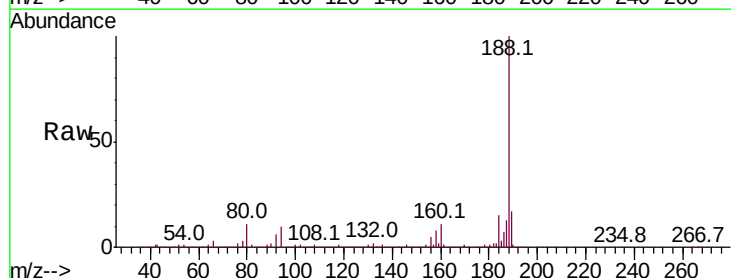
Tgt Ion: 188 Resp: 2032706

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.3  | 7.6   | 11.4  |
| 80  | 10.5  | 8.3   | 12.5  |

188 100

94 10.3 7.6 11.4

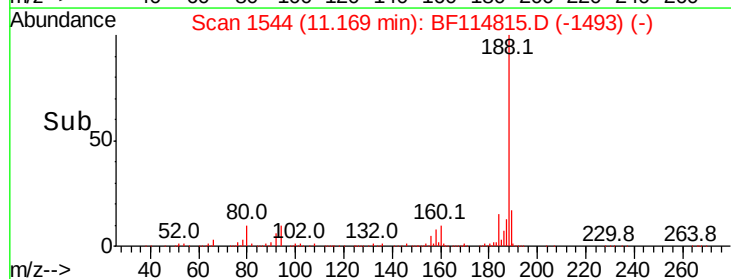
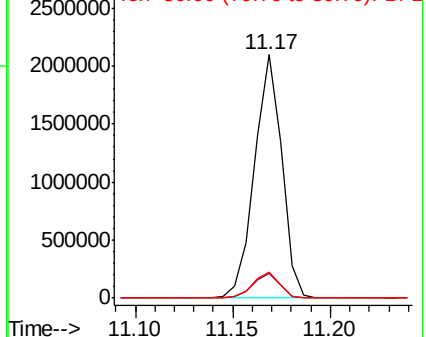
80 10.5 8.3 12.5

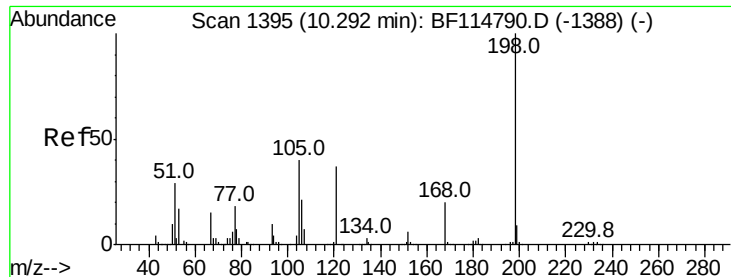


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 25.374 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampled :

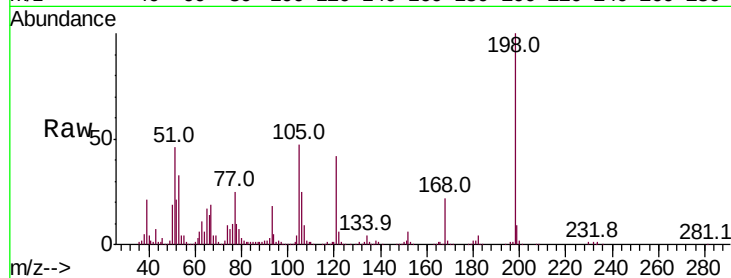
Tot Ion:198 Resp: 267928

Ion Ratio Lower Upper

198 100

51 45.9 14.9 54.9

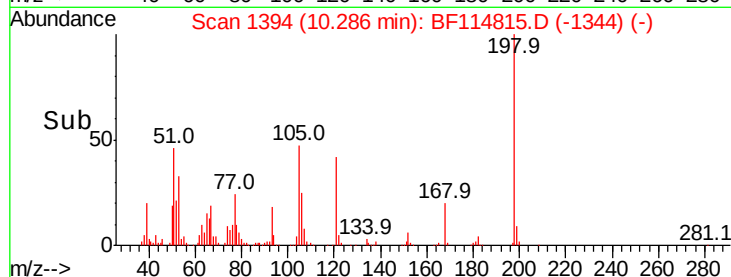
105 46.8 21.0 61.0



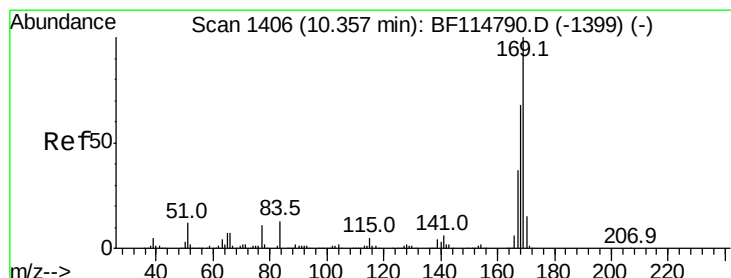
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time--> 10.20 10.30



#66

n-Nitrosodiphenylamine

Concen: 38.091 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

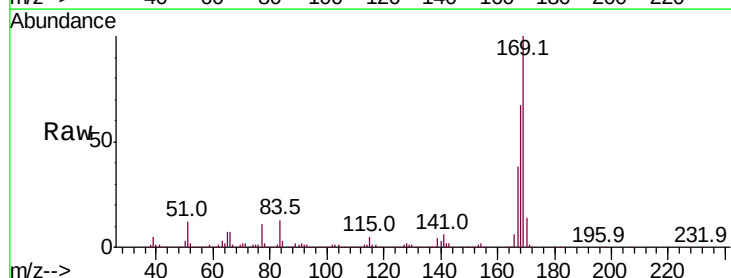
Tgt Ion:169 Resp: 2341239

Ion Ratio Lower Upper

169 100

168 67.2 54.3 81.5

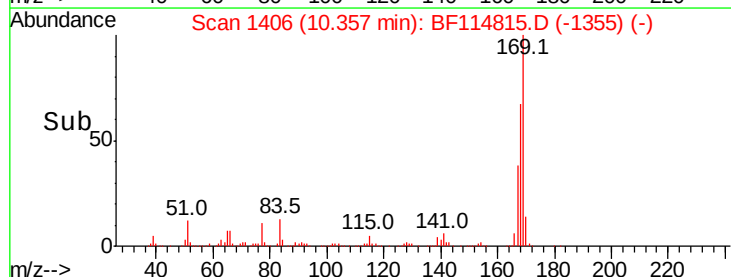
167 38.1 29.9 44.9



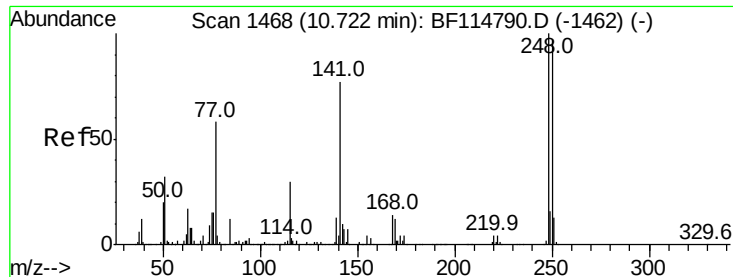
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



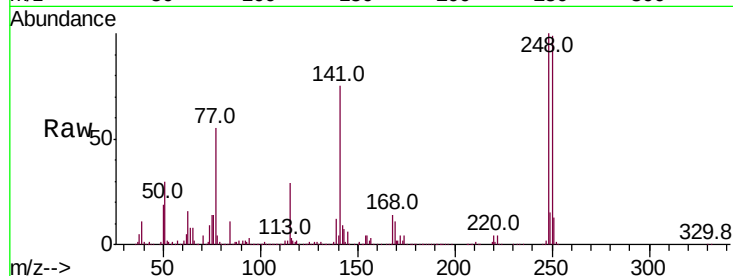
Time--> 10.30 10.35 10.40 10.45



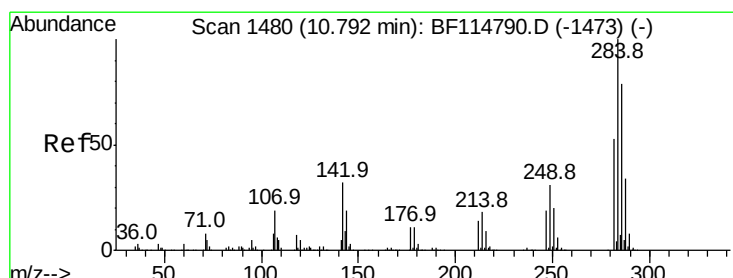
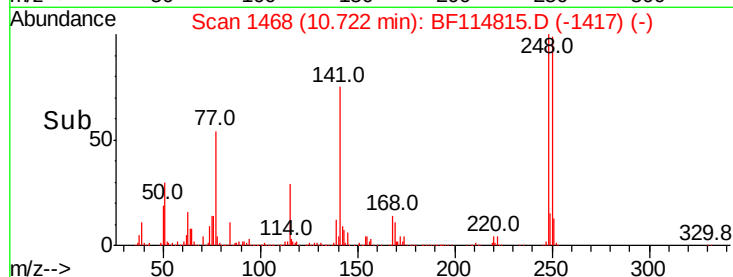
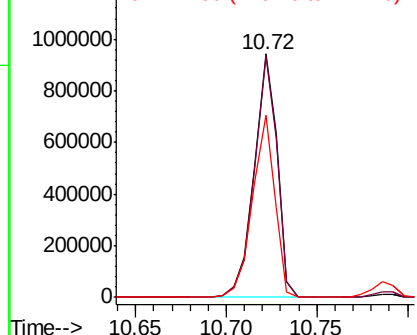
#67  
 4-Bromophenyl-phenylether  
 Concen: 36.033 ng  
 RT: 10.72 min Scan# 1468  
 Delta R.T. 0.00 min  
 Lab File: BF114815.D  
 Acq: 5 Jun 2019 12:38

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:248 Resp: 831872  
 Ion Ratio Lower Upper  
 248 100  
 250 98.9 77.5 116.3  
 141 75.0 61.8 92.8

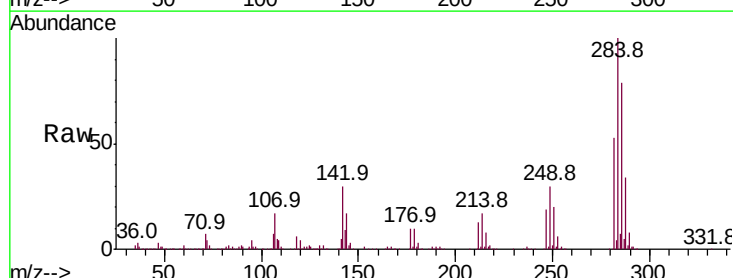


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

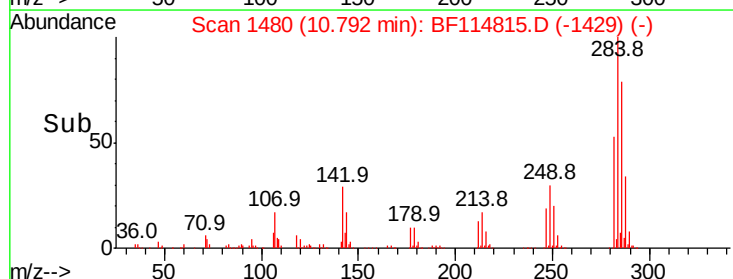
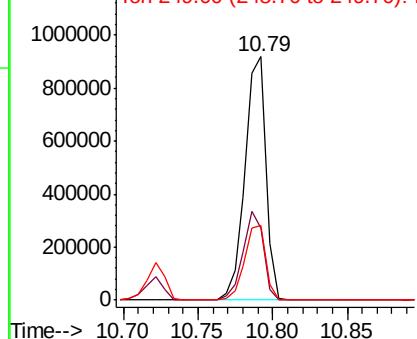


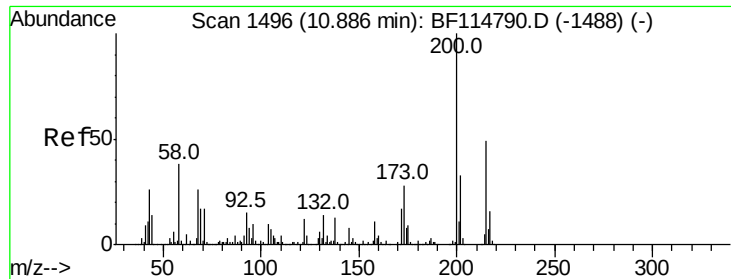
#68  
 Hexachlorobenzene  
 Concen: 35.468 ng  
 RT: 10.79 min Scan# 1480  
 Delta R.T. 0.00 min  
 Lab File: BF114815.D  
 Acq: 5 Jun 2019 12:38

Tgt Ion:284 Resp: 896148  
 Ion Ratio Lower Upper  
 284 100  
 142 29.6 25.3 37.9  
 249 30.4 24.9 37.3



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

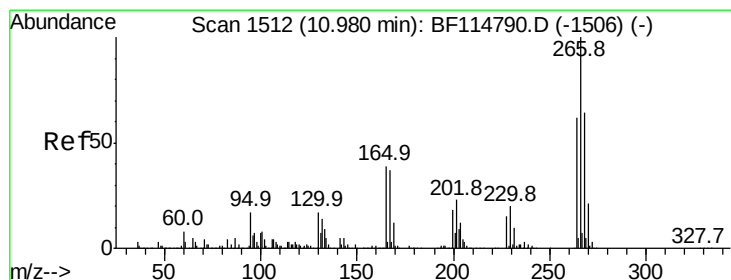
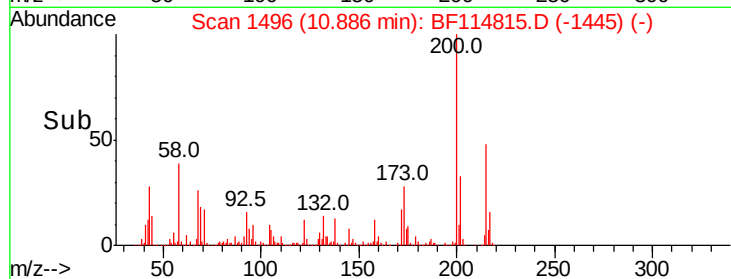
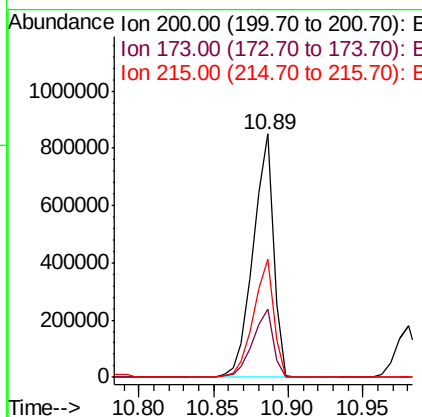
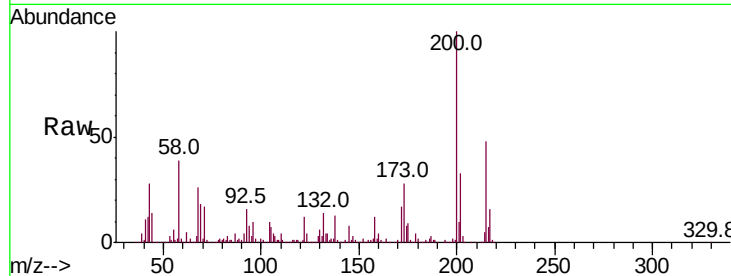




#69  
Atrazine  
Concen: 37.602 ng  
RT: 10.89 min Scan# 1496  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

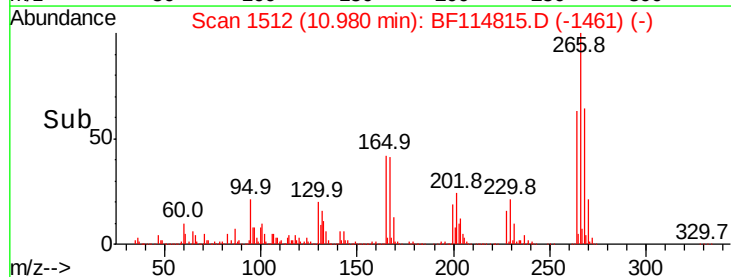
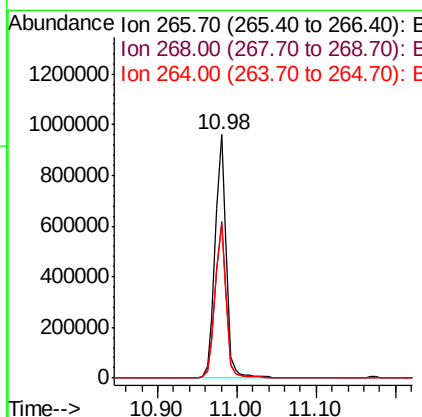
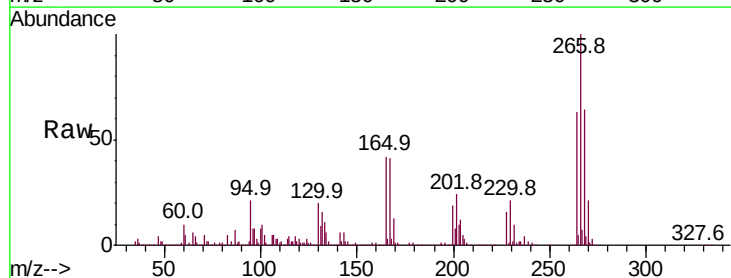
Instrument :  
BNA\_F  
ClientSampleId :

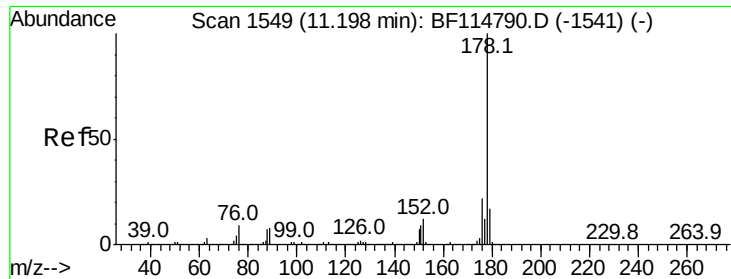
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.2  | 8.0   | 48.0  |
| 215     | 48.3  | 28.7  | 68.7  |



#70  
Pentachlorophenol  
Concen: 64.987 ng  
RT: 10.98 min Scan# 1512  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.4  | 51.0  | 76.6  |
| 264     | 63.3  | 49.6  | 74.4  |

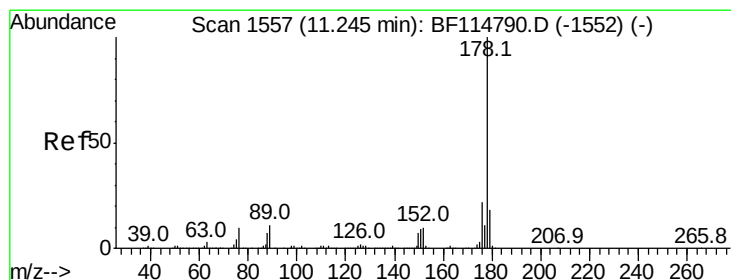
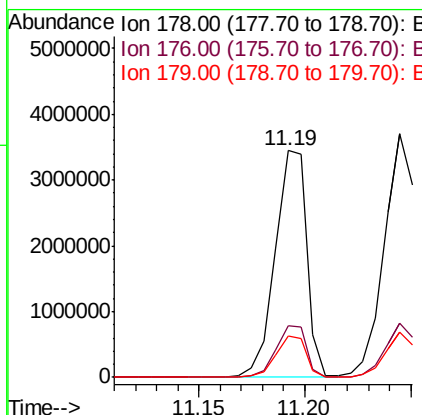
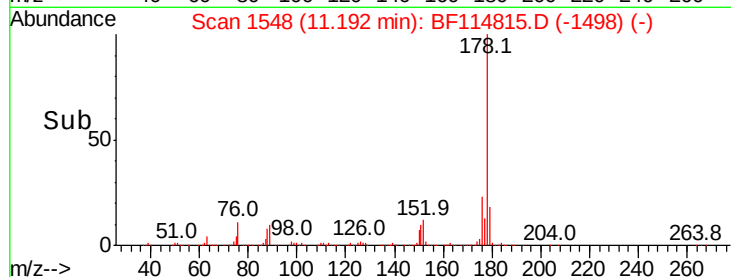
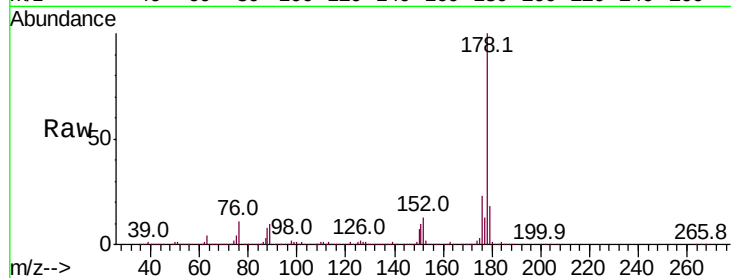




#71  
Phenanthrene  
Concen: 37.192 ng  
RT: 11.19 min Scan# 1548  
Delta R.T. -0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

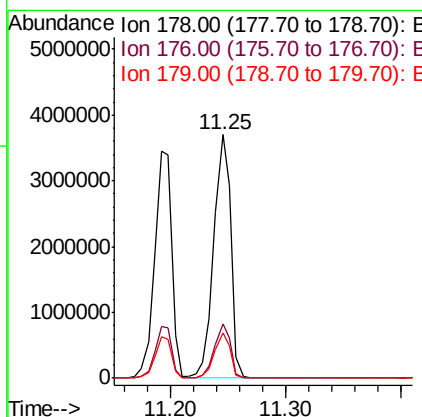
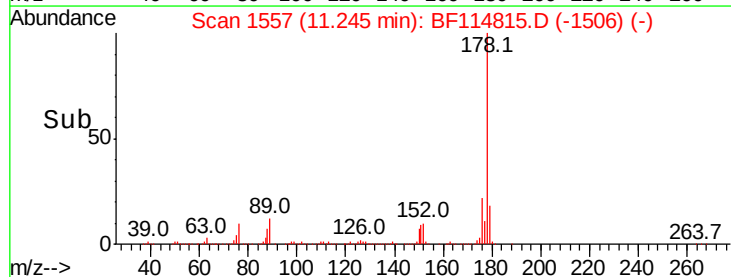
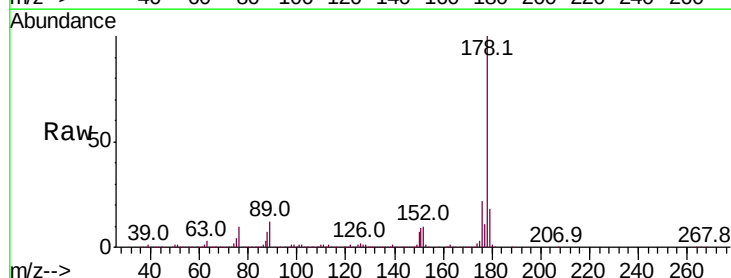
Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:178 Resp: 3609116  
Ion Ratio Lower Upper  
178 100  
176 22.7 17.7 26.5  
179 18.1 13.7 20.5

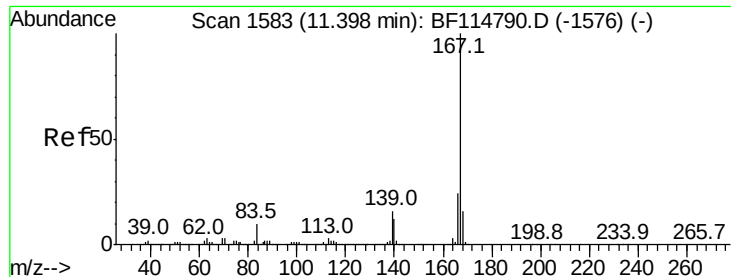


#72  
Anthracene  
Concen: 37.069 ng  
RT: 11.25 min Scan# 1557  
Delta R.T. 0.00 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Tgt Ion:178 Resp: 3785610  
Ion Ratio Lower Upper  
178 100  
176 22.3 17.4 26.0  
179 18.5 14.2 21.4







#73

Carbazole

Concen: 39.607 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

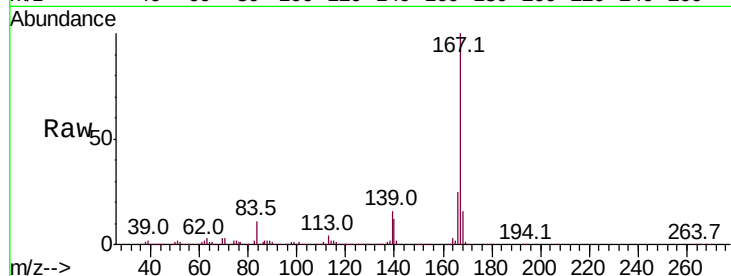
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:167 Resp: 3467376

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 25.1  | 19.1  | 28.7  |
| 139 | 16.0  | 12.4  | 18.6  |

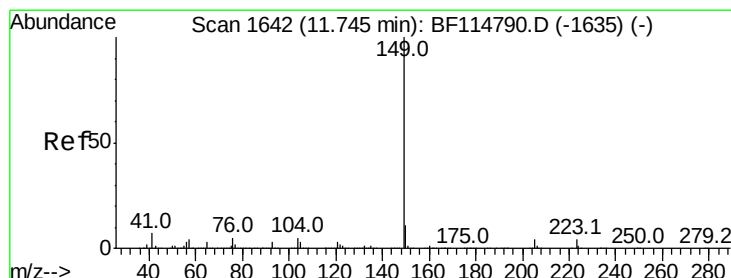
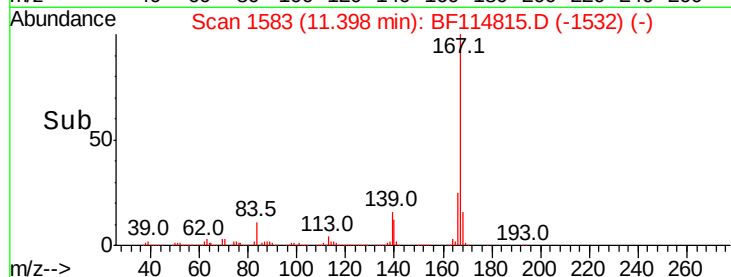
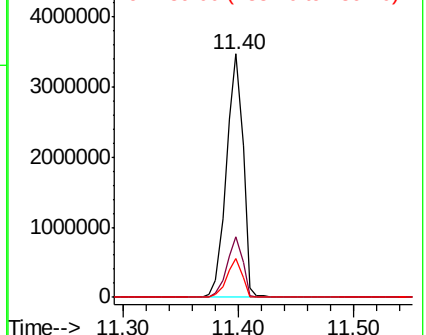


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.563 ng

RT: 11.75 min Scan# 1642

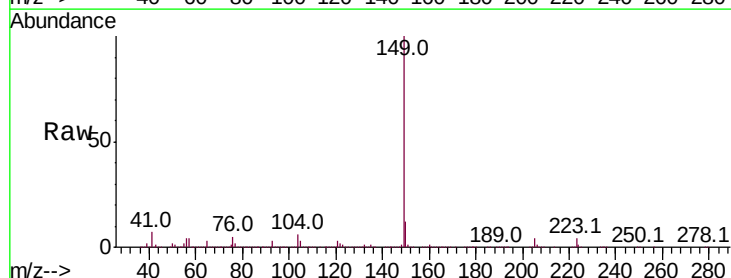
Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Tgt Ion:149 Resp: 4210025

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 11.8  | 8.9   | 13.3  |
| 104 | 5.7   | 4.3   | 6.5   |

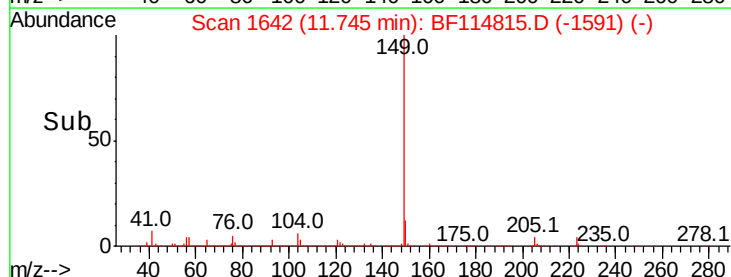
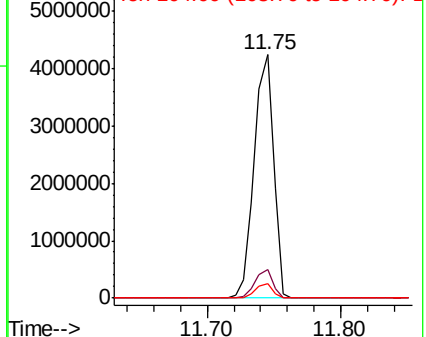


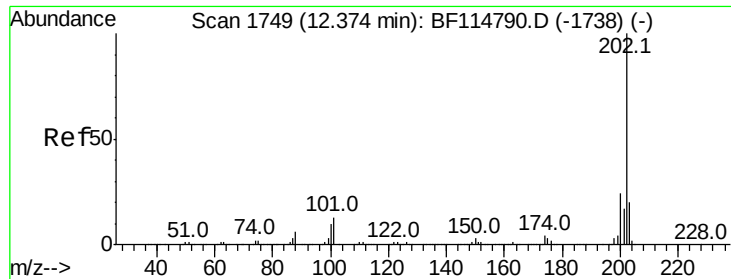
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.335 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampled :

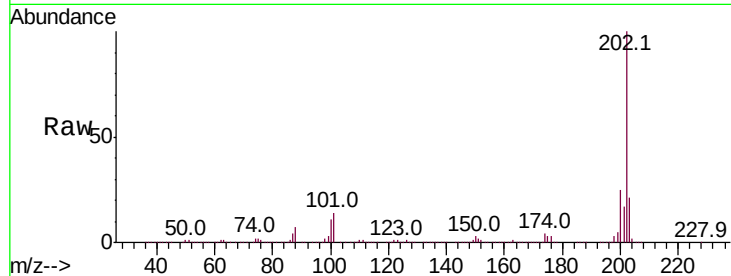
Tot Ion:202 Resp: 3871838

Ion Ratio Lower Upper

202 100

101 14.3 0.0 32.8

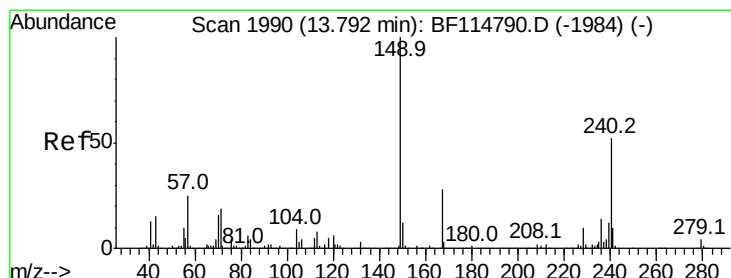
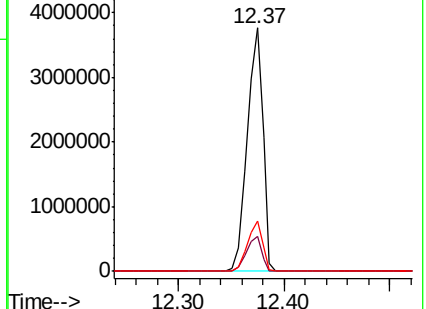
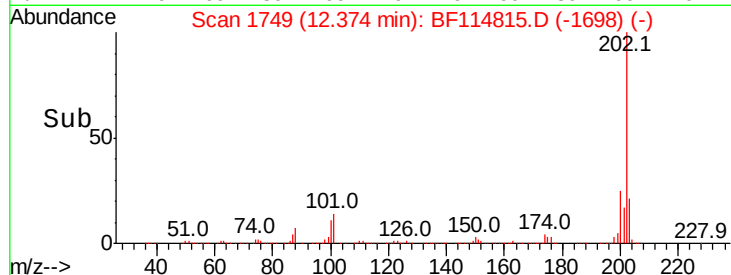
203 20.7 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

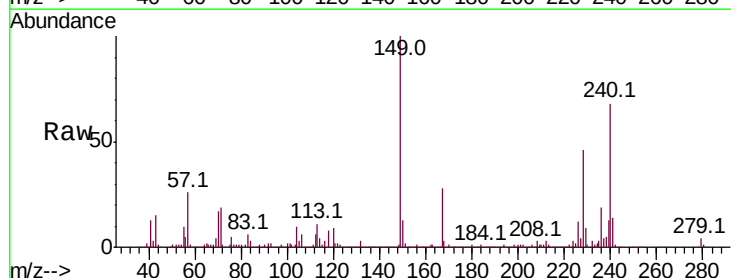
Tgt Ion:240 Resp: 1278722

Ion Ratio Lower Upper

240 100

120 12.8 9.0 13.4

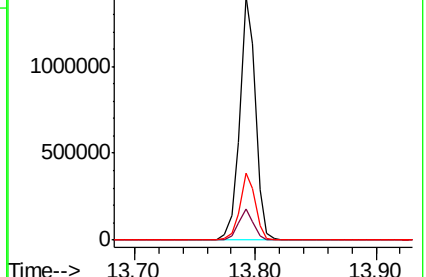
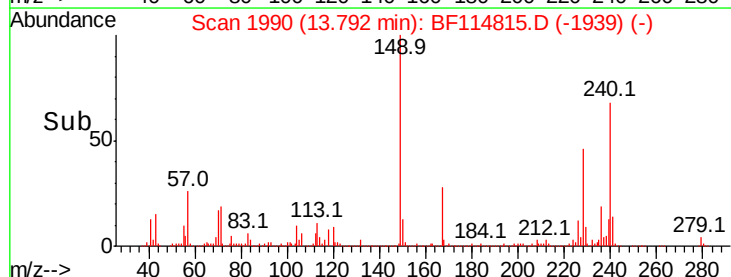
236 27.6 21.4 32.0

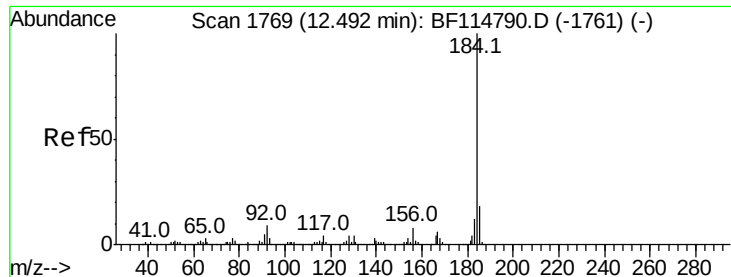


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.073 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

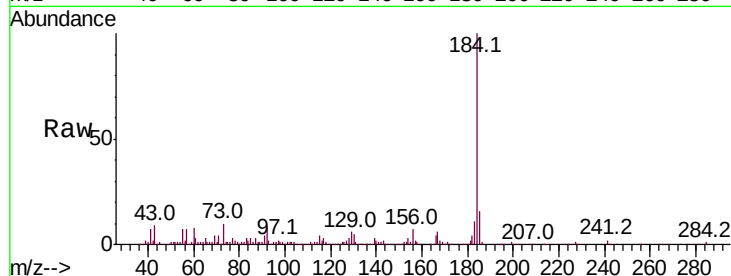
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:184 Resp: 700937

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 16.4  | 14.1  | 21.1  |
| 183 | 11.5  | 9.9   | 14.9  |

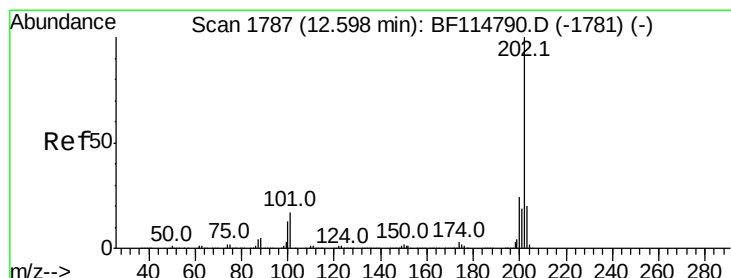
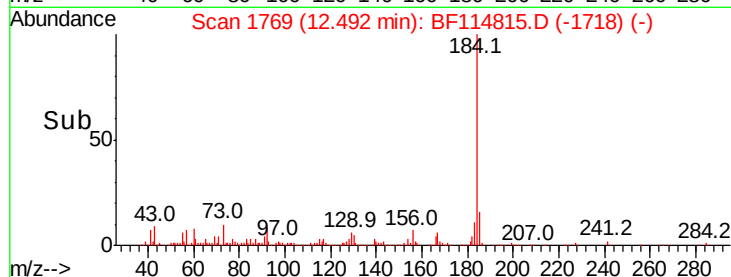
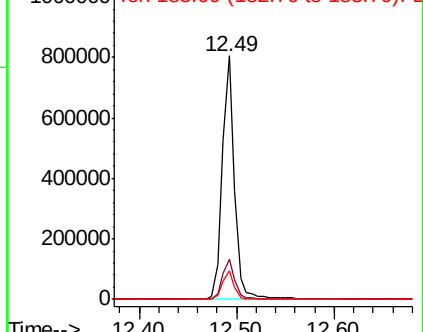


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.559 ng

RT: 12.60 min Scan# 1787

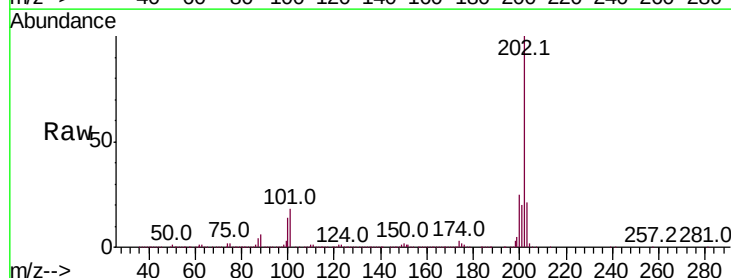
Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Tgt Ion:202 Resp: 3944624

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 25.4  | 19.2  | 28.8  |
| 203 | 20.9  | 15.9  | 23.9  |

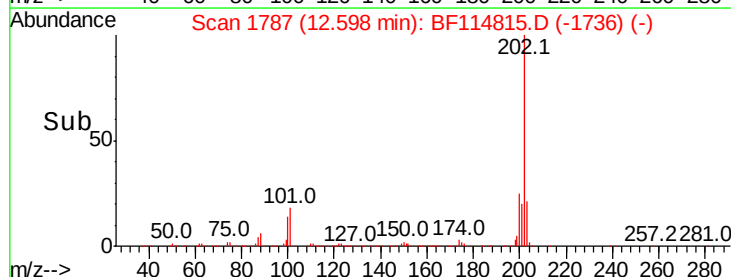
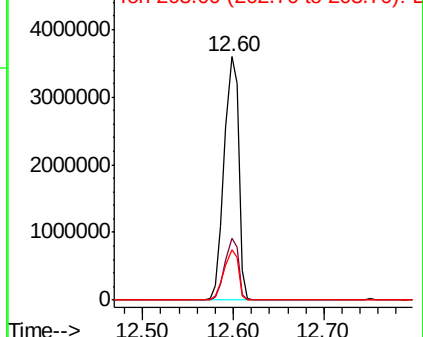


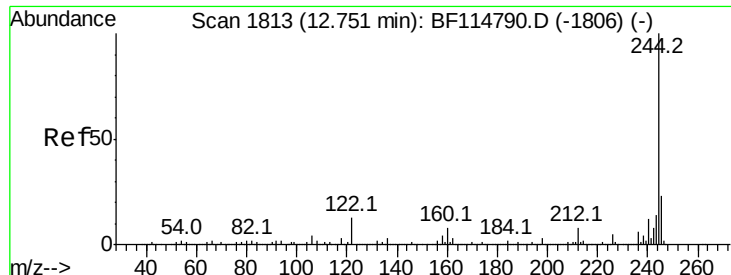
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



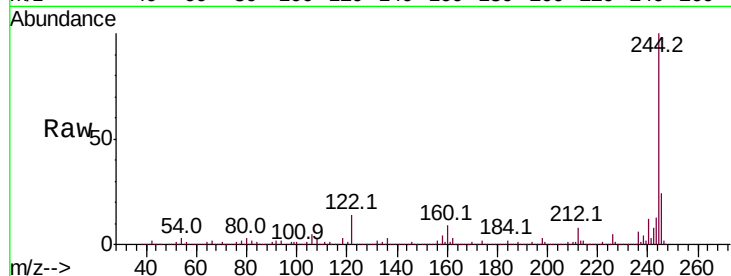


#79  
 Terphenyl-d14  
 Concen: 73.376 ng  
 RT: 12.75 min Scan# 1813  
 Delta R.T. 0.00 min  
 Lab File: BF114815.D  
 Acq: 5 Jun 2019 12:38

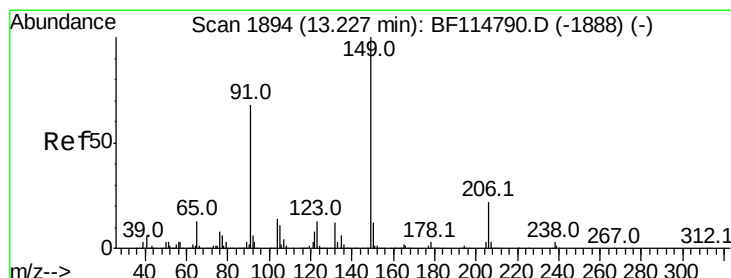
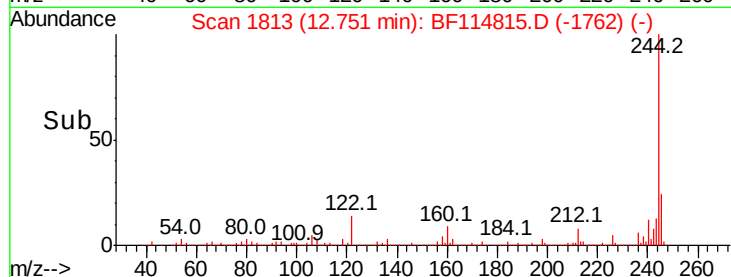
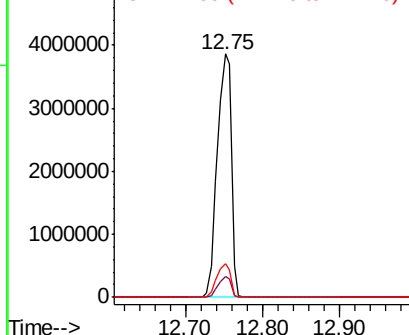
Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:244 Resp: 4824606  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.4   | 6.5   | 9.7   |
| 122 | 14.1  | 10.5  | 15.7  |



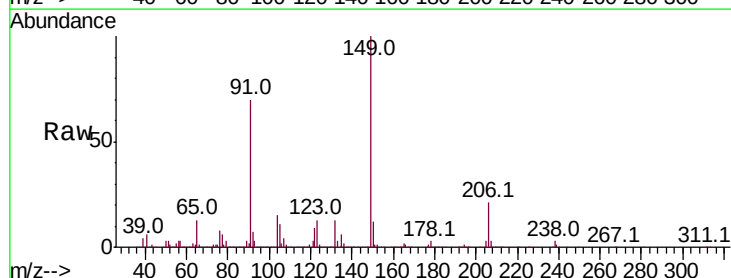
Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



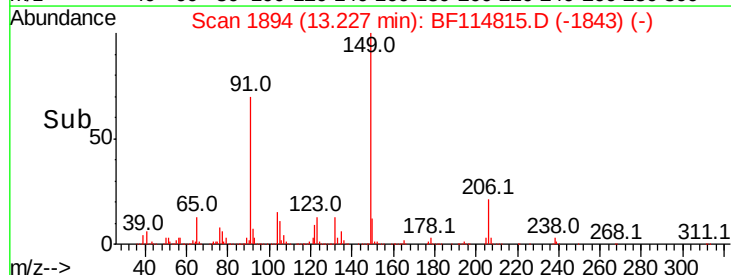
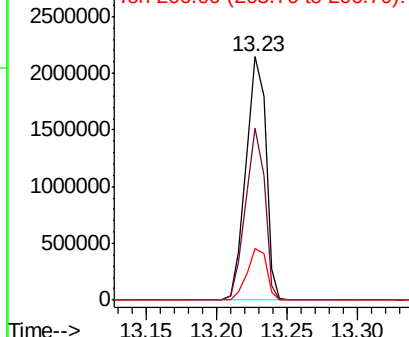
#80  
 Butylbenzylphthalate  
 Concen: 38.068 ng  
 RT: 13.23 min Scan# 1894  
 Delta R.T. 0.00 min  
 Lab File: BF114815.D  
 Acq: 5 Jun 2019 12:38

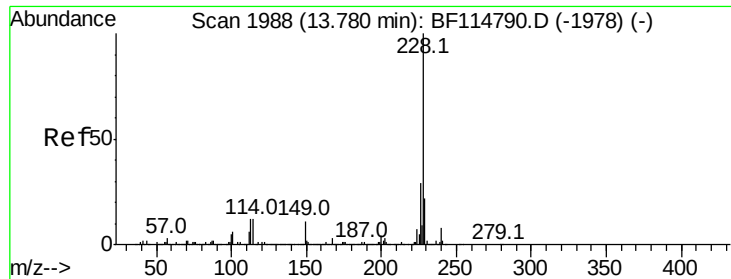
Tgt Ion:149 Resp: 2132446  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 70.4  | 54.6  | 82.0  |
| 206 | 21.4  | 17.2  | 25.8  |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 91.00 (90.70 to 91.70): BF1  
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.658 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

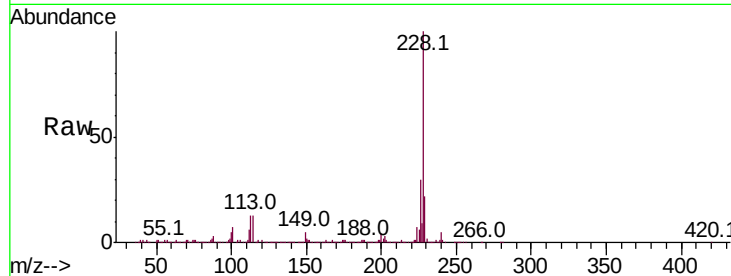
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:228 Resp: 3612237

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.0  | 23.4  | 35.2  |
| 229 | 22.0  | 17.4  | 26.0  |

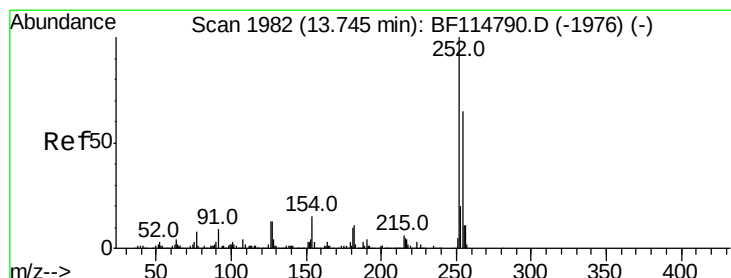
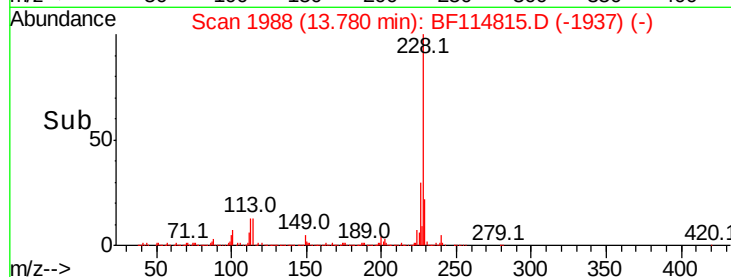
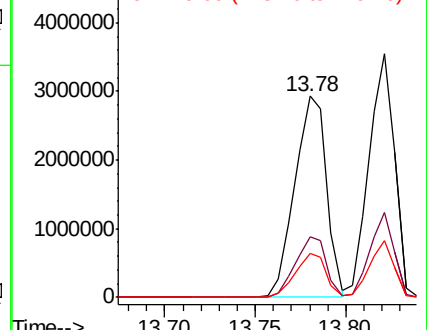


Abundance

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: 15.100 ng

RT: 13.74 min Scan# 1982

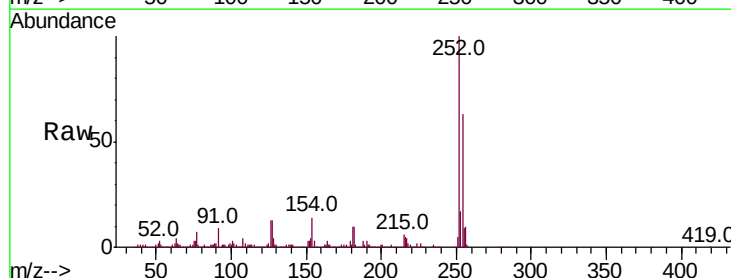
Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Tgt Ion:252 Resp: 603344

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.2  | 51.9  | 77.9  |
| 126 | 13.0  | 10.5  | 15.7  |

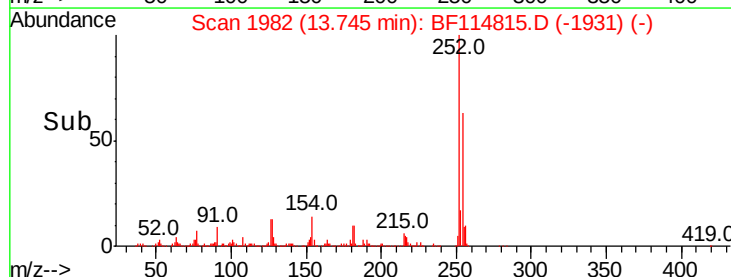
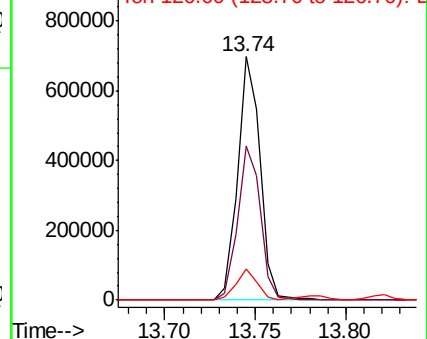


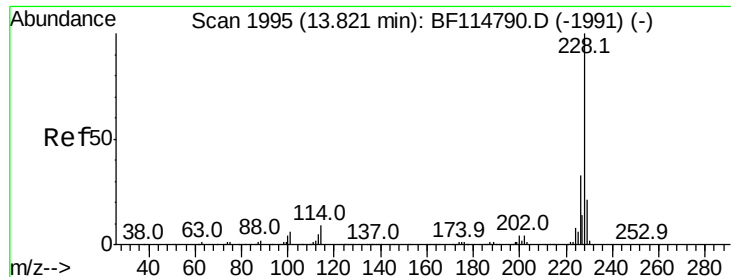
Abundance

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: 36.618 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

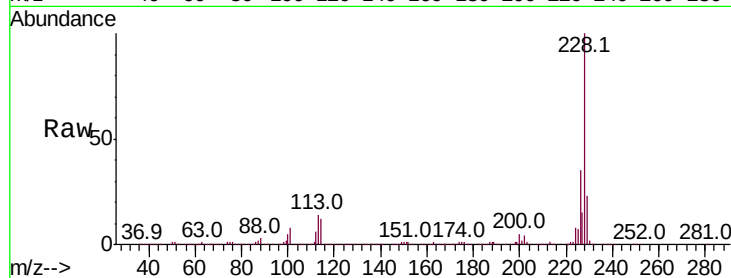
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:228 Resp: 3510178

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 34.8  | 26.0  | 39.0  |
| 229 | 23.2  | 17.1  | 25.7  |

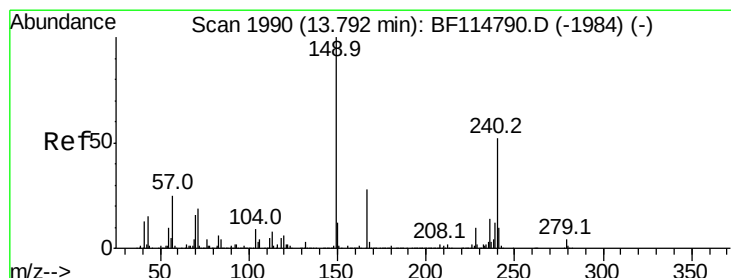
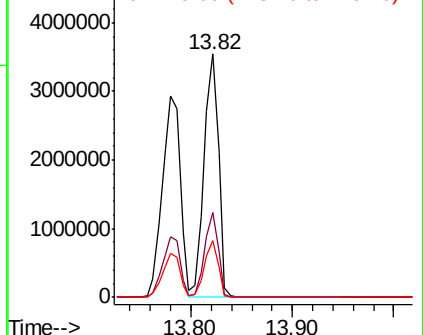
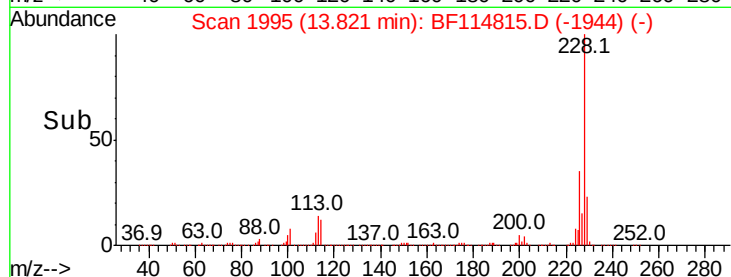


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.036 ng

RT: 13.80 min Scan# 1991

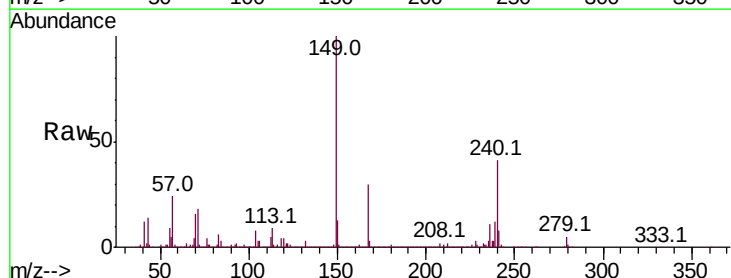
Delta R.T. 0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Tgt Ion:149 Resp: 2552572

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.6  | 22.7  | 34.1  |
| 279 | 4.8   | 3.1   | 4.7#  |

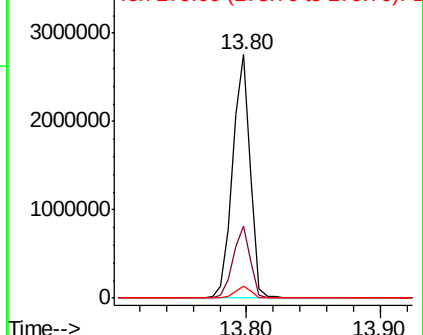
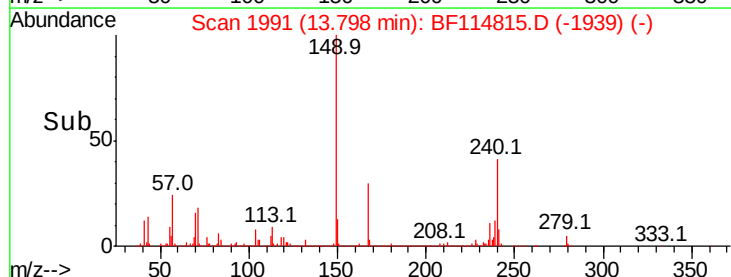


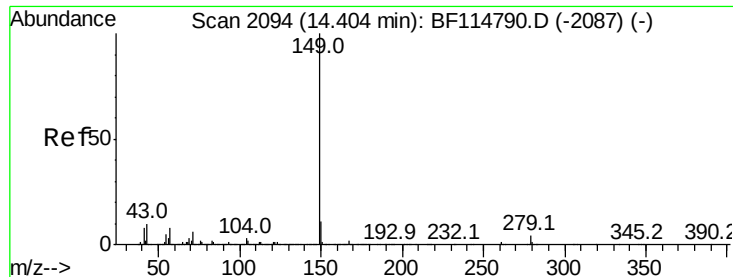
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.030 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampleId :

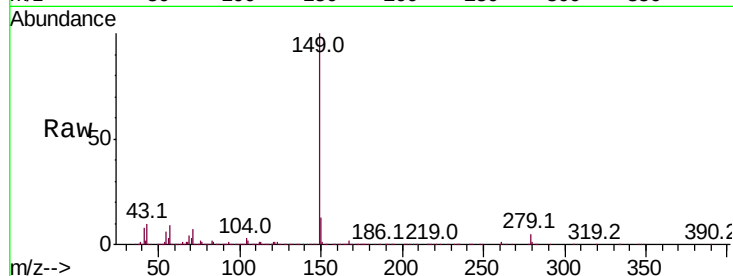
Tot Ion:149 Resp: 4577273

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

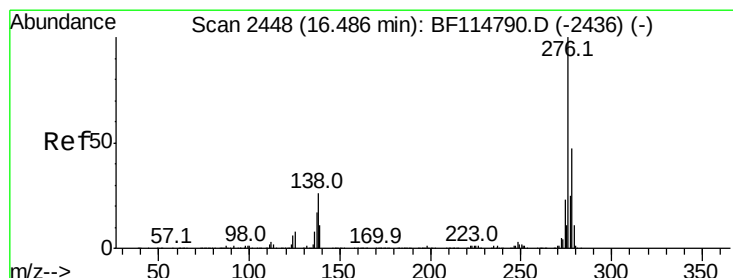
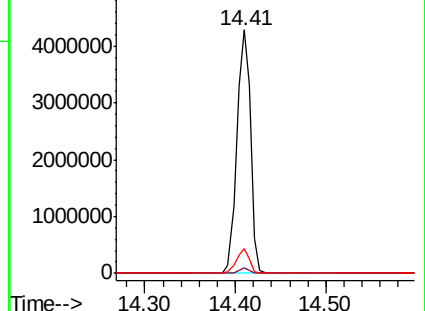
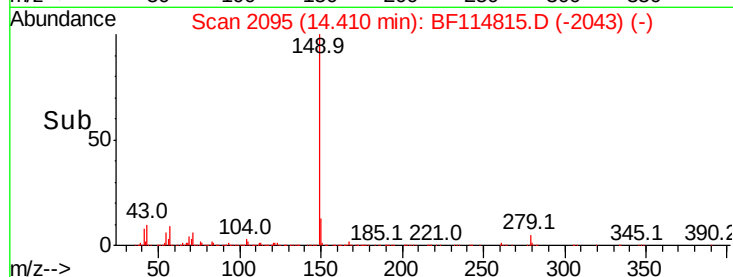
43 9.2 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.324 ng

RT: 16.50 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

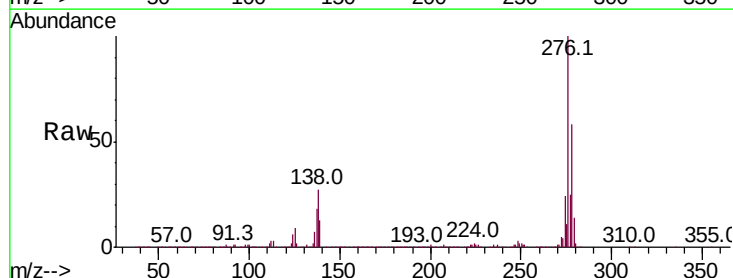
Tgt Ion:276 Resp: 3863503

Ion Ratio Lower Upper

276 100

138 28.9 22.2 33.4

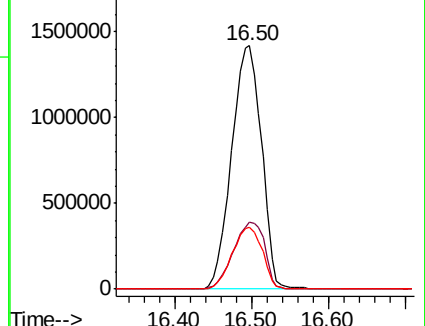
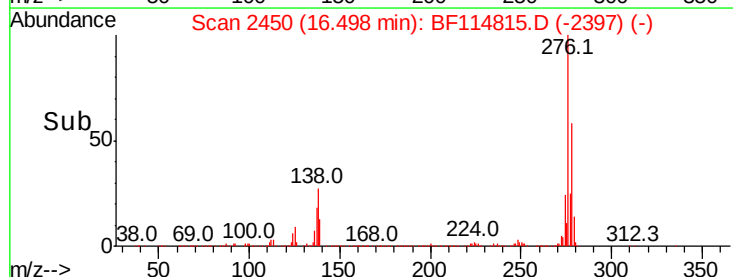
277 25.8 20.6 30.8

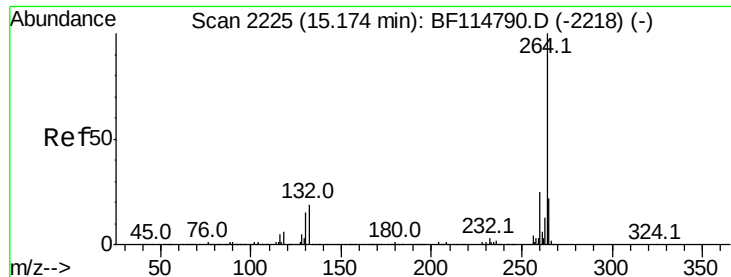


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

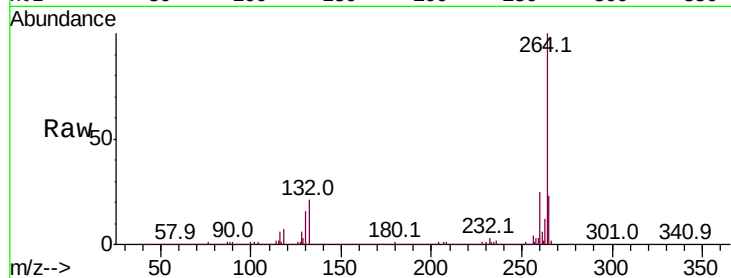
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:264 Resp: 1655485

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.1  | 20.1  | 30.1  |
| 265 | 22.8  | 17.7  | 26.5  |

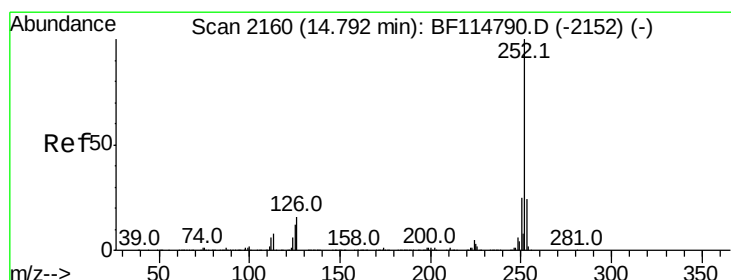
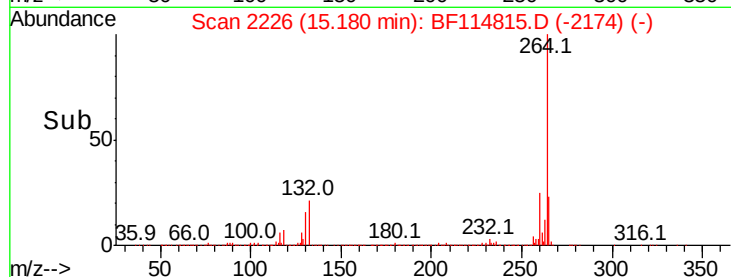
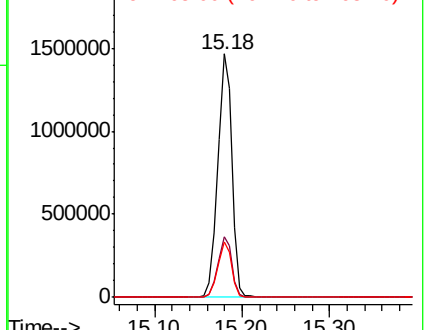


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.677 ng

RT: 14.80 min Scan# 2162

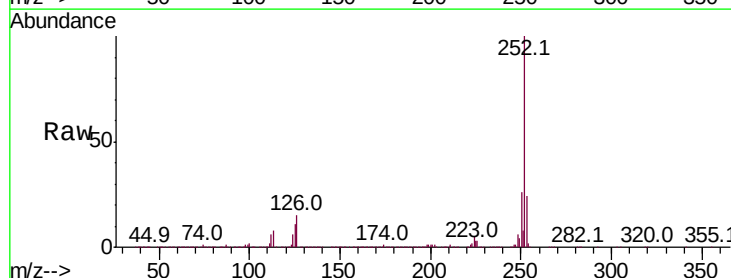
Delta R.T. 0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Tgt Ion:252 Resp: 4076228

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.0  | 19.0  | 28.6  |
| 125 | 11.5  | 9.4   | 14.0  |

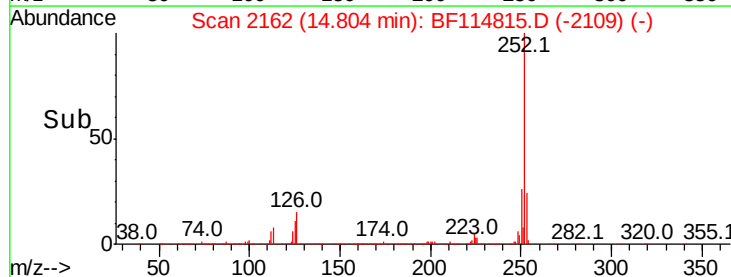
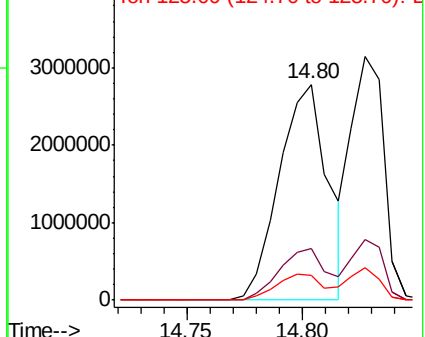


Abundance

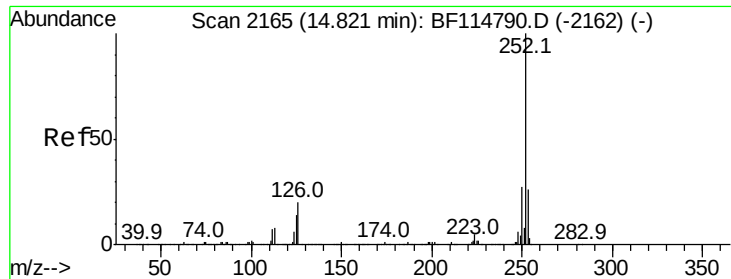
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



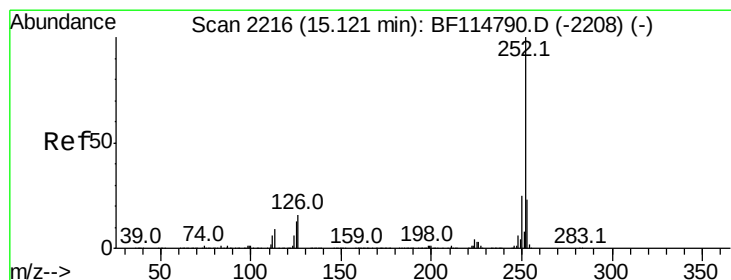
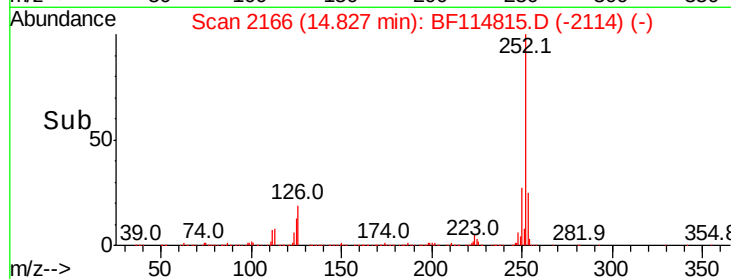
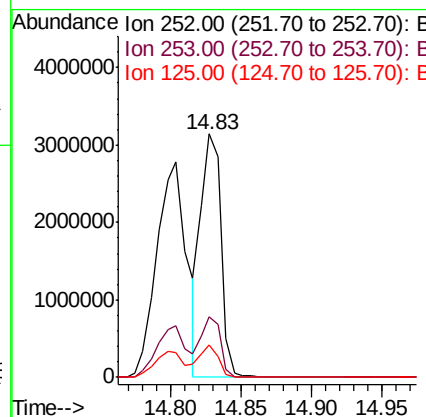
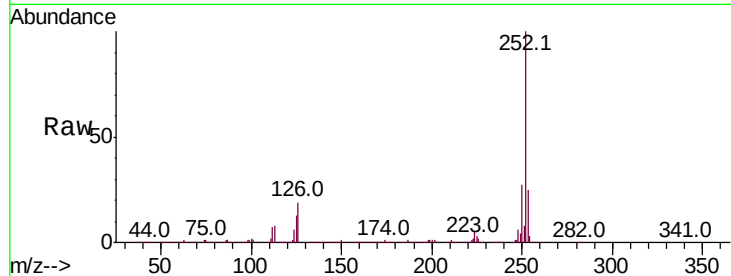




#89  
Benzo(k)fluoranthene  
Concen: 34.880 ng  
RT: 14.83 min Scan# 2166  
Delta R.T. 0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

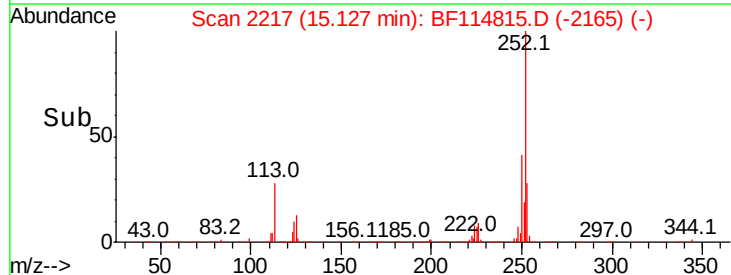
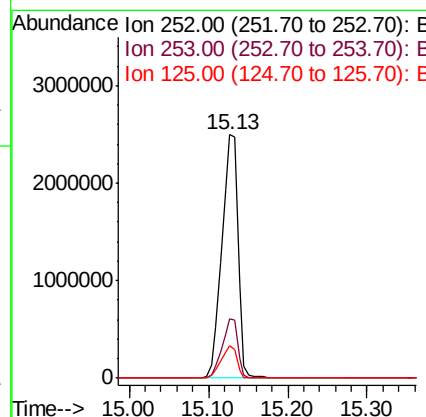
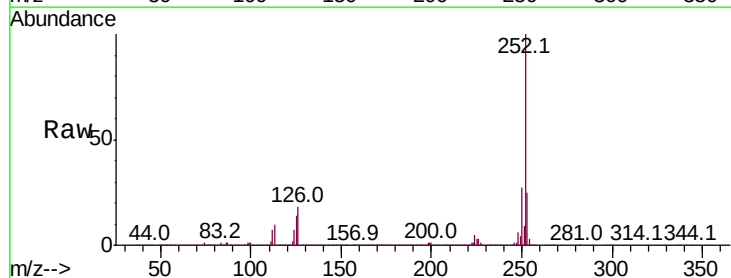
Instrument :  
BNA\_F  
ClientSampleId :

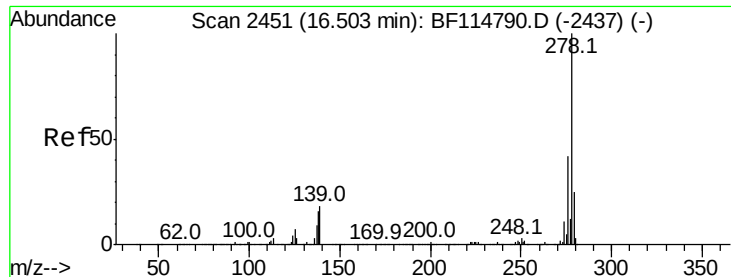
Tot Ion:252 Resp: 3121727  
Ion Ratio Lower Upper  
252 100  
253 25.1 19.3 28.9  
125 13.1 10.1 15.1



#90  
Benzo(a)pyrene  
Concen: 38.556 ng  
RT: 15.13 min Scan# 2217  
Delta R.T. 0.01 min  
Lab File: BF114815.D  
Acq: 5 Jun 2019 12:38

Tgt Ion:252 Resp: 3517100  
Ion Ratio Lower Upper  
252 100  
253 24.6 18.5 27.7  
125 13.6 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 36.535 ng

RT: 16.52 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

Instrument :

BNA\_F

ClientSampled :

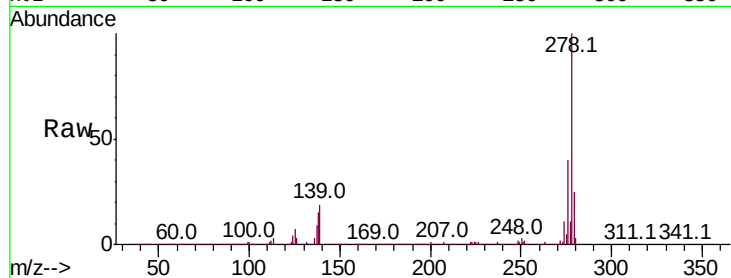
Tot Ion:278 Resp: 3156163

Ion Ratio Lower Upper

278 100

139 19.0 14.6 22.0

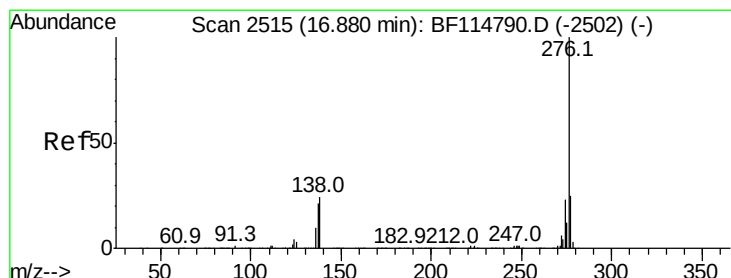
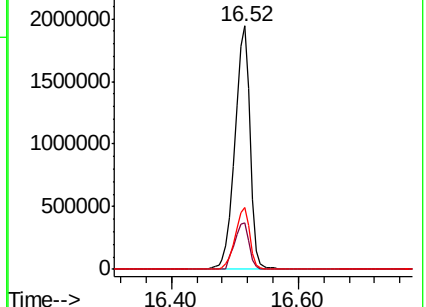
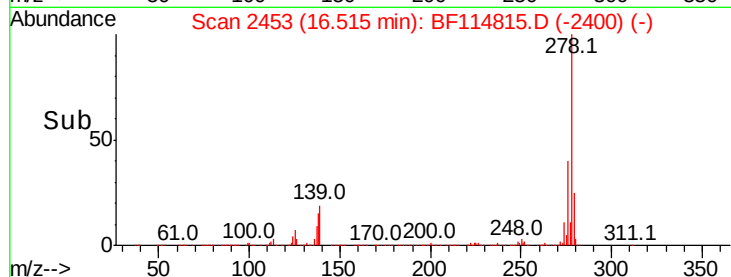
279 25.4 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.433 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF114815.D

Acq: 5 Jun 2019 12:38

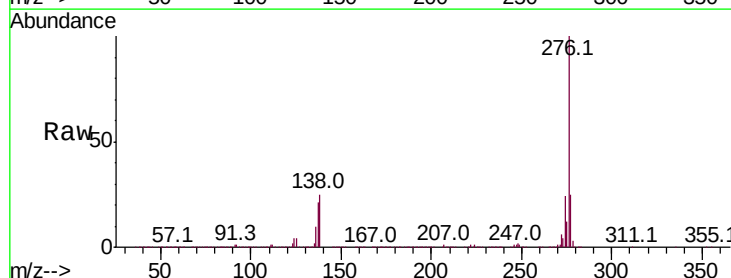
Tgt Ion:276 Resp: 3251901

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.6

138 24.9 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

