

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\  
 Data File : BF119715.D  
 Acq On : 3 Apr 2020 13:26  
 Operator : MA/SJ  
 Sample : PB1279777BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127977BS

Quant Time: Apr 03 14:16:19 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 01 11:59:45 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 213012   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.09  | 136  | 833128   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 9.85  | 164  | 423756   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.34 | 188  | 817550   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 13.98 | 240  | 616078   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 15.43 | 264  | 617762   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 1531762 | 114.47 | ng | 0.01  |
| 7) Phenol-d6             | 6.44  | 99  | 1969498 | 115.22 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 1188826 | 77.55  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 569126  | 130.18 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 2252090 | 78.73  | ng | -0.01 |
| 79) Terphenyl-d14        | 12.93 | 244 | 2611946 | 83.06  | ng | -0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.63 | 88  | 206710  | 31.278 | ng | 96     |
| 3) Pyridine                    | 3.35 | 79  | 572174  | 31.427 | ng | 90     |
| 4) n-Nitrosodimethylamine      | 3.30 | 42  | 304213  | 34.263 | ng | 90     |
| 6) Aniline                     | 6.46 | 93  | 715017  | 30.309 | ng | 99     |
| 8) 2-Chlorophenol              | 6.59 | 128 | 621060  | 44.192 | ng | 100    |
| 9) Benzaldehyde                | 6.35 | 77  | 345507  | 31.863 | ng | 99     |
| 10) Phenol                     | 6.45 | 94  | 785552  | 43.070 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93  | 590671  | 40.492 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 620624  | 40.802 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 631891  | 41.533 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 587549  | 41.316 | ng | 99     |
| 15) Benzyl Alcohol             | 6.95 | 79  | 504637  | 39.247 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45  | 1020987 | 34.700 | ng | 99     |
| 17) 2-Methylphenol             | 7.06 | 107 | 506694  | 39.350 | ng | 98     |
| 18) Hexachloroethane           | 7.32 | 117 | 232836  | 41.760 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70  | 408914  | 39.689 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 611498  | 38.750 | ng | # 76   |
| 22) Acetophenone               | 7.22 | 105 | 792290  | 39.799 | ng | # 90   |
| 24) Nitrobenzene               | 7.39 | 77  | 636363  | 38.844 | ng | 99     |
| 25) Isophorone                 | 7.63 | 82  | 1148669 | 36.939 | ng | 99     |
| 26) 2-Nitrophenol              | 7.70 | 139 | 331827  | 51.443 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 530122  | 39.746 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 737070  | 40.084 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 508974  | 41.531 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 542898  | 40.057 | ng | 97     |
| 31) Naphthalene                | 8.12 | 128 | 1741710 | 40.624 | ng | 99     |
| 32) Benzoic acid               | 7.87 | 122 | 423548  | 49.366 | ng | 91     |
| 33) 4-Chloroaniline            | 8.16 | 127 | 446389  | 22.722 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.23 | 225 | 301380  | 39.744 | ng | 99     |
| 35) Caprolactam                | 8.53 | 113 | 93847   | 23.398 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 554049  | 41.364 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 1181210 | 41.980 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.90 | 142 | 1129276 | 42.402 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 496067  | 39.939 | ng | 98     |

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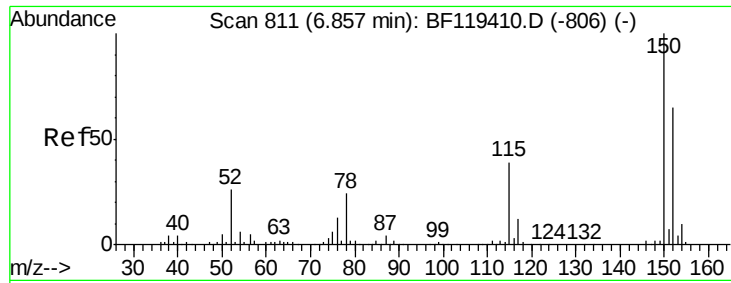
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB1279777BS

Quant Time: Apr 03 14:16:19 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 01 11:59:45 2020  
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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.96  | 237  | 601011   | 85.114  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 376126   | 42.316  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.12  | 196  | 405925   | 40.767  | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 1417391  | 41.068  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 1095073  | 40.507  | ng    | 98       |
| 48) 2-Nitroaniline             | 9.39  | 65   | 396155   | 42.455  | ng    | 91       |
| 49) Acenaphthylene             | 9.72  | 152  | 1741266  | 41.016  | ng    | 98       |
| 50) Dimethylphthalate          | 9.57  | 163  | 1260170  | 41.867  | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.63  | 165  | 290878   | 45.086  | ng    | 99       |
| 52) Acenaphthene               | 9.89  | 154  | 1106886  | 41.823  | ng    | 99       |
| 53) 3-Nitroaniline             | 9.80  | 138  | 221161   | 27.153  | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 9.91  | 184  | 344414   | 119.430 | ng    | 96       |
| 55) Dibenzofuran               | 10.06 | 168  | 1574452  | 41.492  | ng    | 99       |
| 56) 4-Nitrophenol              | 9.97  | 139  | 530999   | 82.640  | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 10.04 | 165  | 390165   | 48.006  | ng    | 91       |
| 58) Fluorene                   | 10.40 | 166  | 1204715  | 42.933  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 336719   | 45.241  | ng    | 98       |
| 60) Diethylphthalate           | 10.27 | 149  | 1288740  | 42.186  | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 567597   | 41.364  | ng    | 98       |
| 62) 4-Nitroaniline             | 10.42 | 138  | 326401   | 41.789  | ng    | 95       |
| 63) Azobenzene                 | 10.55 | 77   | 1243883  | 40.434  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 221862   | 64.717  | ng    | 89       |
| 66) n-Nitrosodiphenylamine     | 10.51 | 169  | 1118399  | 41.671  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.88 | 248  | 374622   | 40.235  | ng    | 99       |
| 68) Hexachlorobenzene          | 10.95 | 284  | 413401   | 43.381  | ng    | # 89     |
| 69) Atrazine                   | 11.04 | 200  | 335953   | 45.659  | ng    | 99       |
| 70) Pentachlorophenol          | 11.15 | 266  | 475704   | 85.135  | ng    | 99       |
| 71) Phenanthrene               | 11.36 | 178  | 1791914  | 42.270  | ng    | 99       |
| 72) Anthracene                 | 11.42 | 178  | 1824031  | 42.336  | ng    | 99       |
| 73) Carbazole                  | 11.57 | 167  | 1734691  | 40.677  | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.90 | 149  | 1998737  | 43.813  | ng    | 100      |
| 75) Fluoranthene               | 12.55 | 202  | 1931820  | 42.107  | ng    | 100      |
| 77) Benzidine                  | 12.67 | 184  | 962192   | 36.904  | ng    | 99       |
| 78) Pyrene                     | 12.78 | 202  | 1988049  | 39.320  | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.40 | 149  | 870621   | 42.574  | ng    | 97       |
| 81) Benzo(a)anthracene         | 13.97 | 228  | 1624302  | 40.544  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 463823   | 29.363  | ng    | 99       |
| 83) Chrysene                   | 14.01 | 228  | 1653785  | 39.998  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 1095642  | 44.945  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.57 | 149  | 2007276  | 46.819  | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.88 | 276  | 1580663  | 40.592  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.02 | 252  | 1753340  | 42.488  | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.04 | 252  | 1577583  | 40.148  | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.37 | 252  | 1511875  | 40.314  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.90 | 278  | 1331798  | 40.601  | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.32 | 276  | 1305155  | 39.606  | ng    | 97       |

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



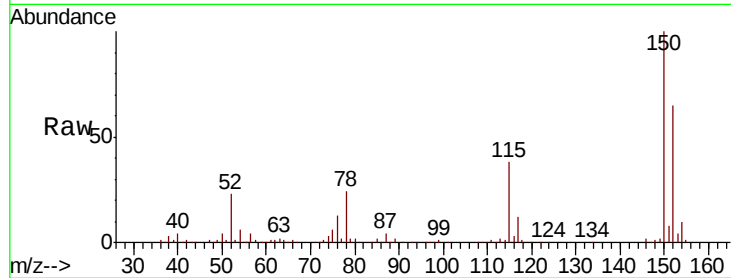


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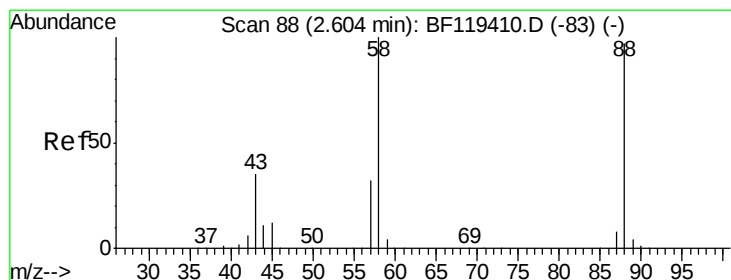
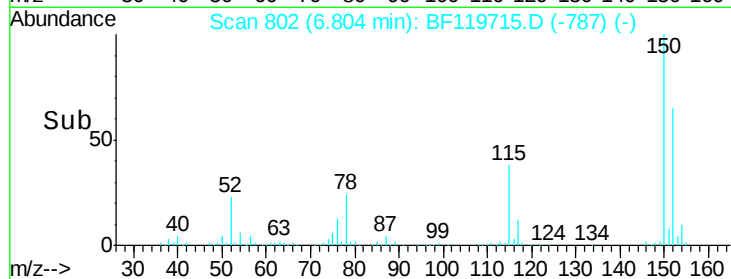
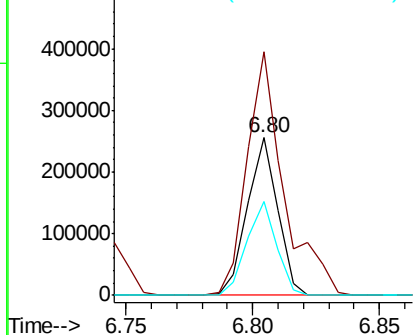
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Instrument :  
BNA\_F  
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PB127977BS

Tot Ion:152 Resp: 213012  
Ion Ratio Lower Upper  
152 100  
150 154.5 124.5 186.7  
115 59.2 49.6 74.4



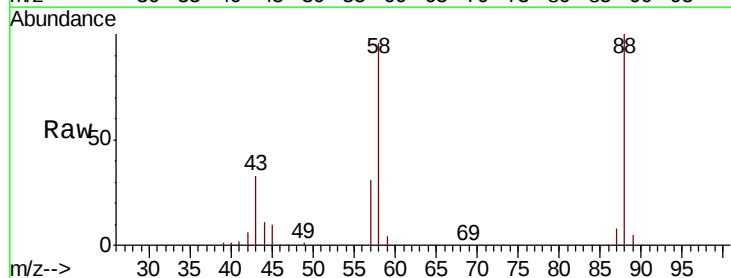
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



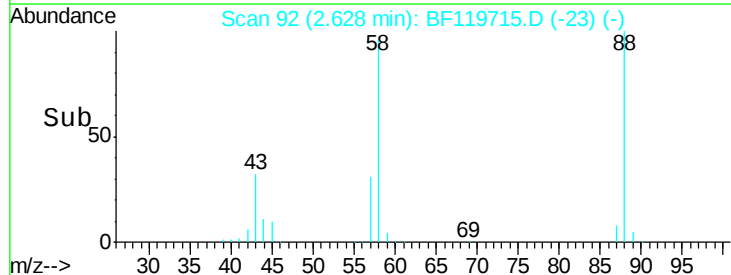
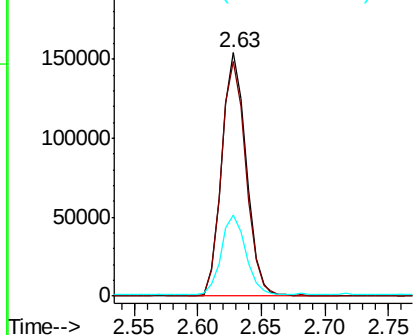
#2

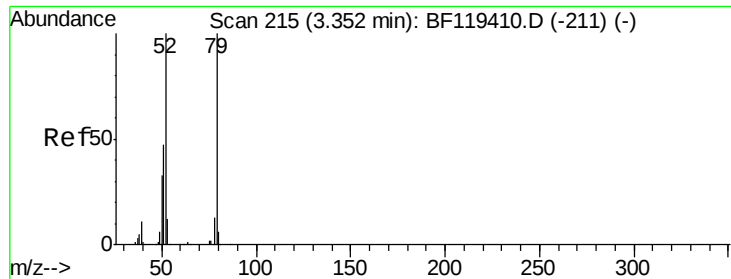
1,4-Dioxane  
Concen: 31.278 ng  
RT: 2.63 min Scan# 92  
Delta R.T. 0.11 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Tgt Ion: 88 Resp: 206710  
Ion Ratio Lower Upper  
88 100  
58 97.1 80.6 121.0  
43 32.1 27.5 41.3



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





#3

Pvridine

Concen: 31.427 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.09 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

PB127977BS

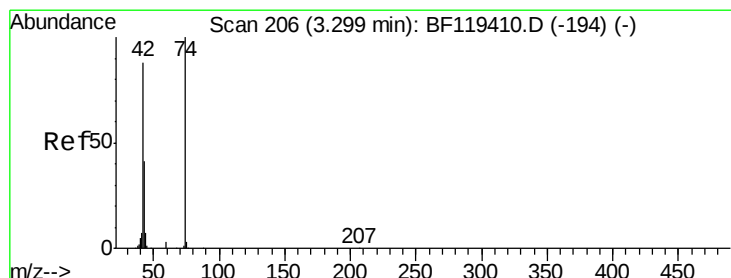
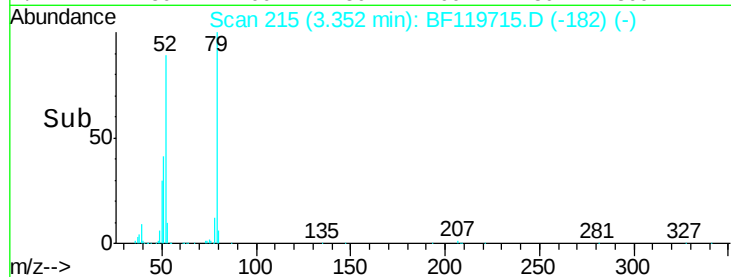
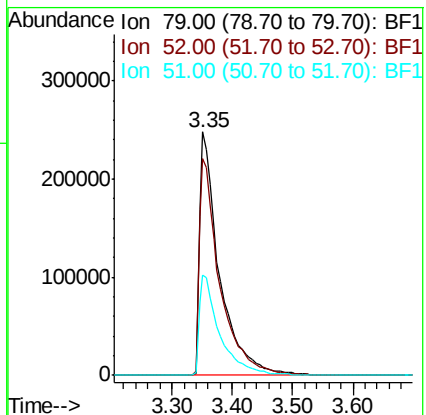
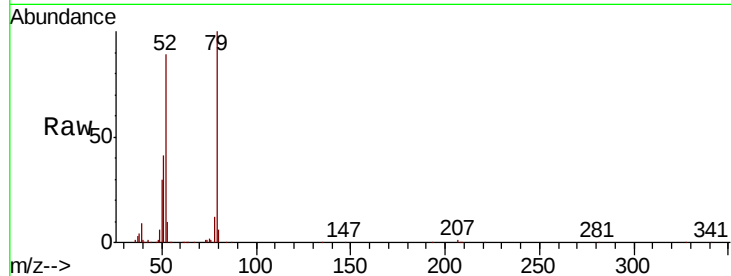
Tot Ion: 79 Resp: 572174

Ion Ratio Lower Upper

79 100

52 88.9 80.2 120.2

51 41.3 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 34.263 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.09 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

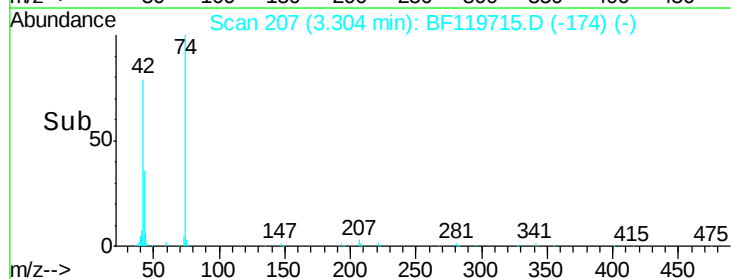
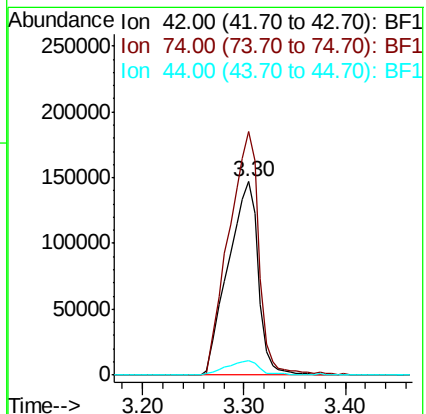
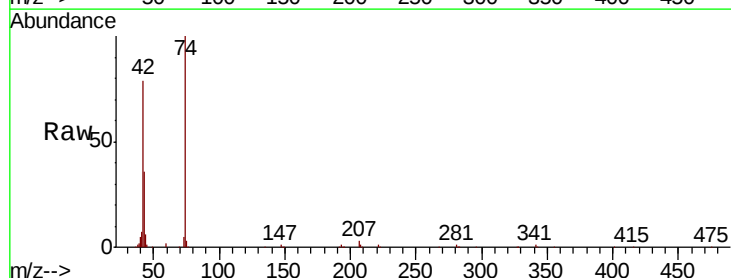
Tgt Ion: 42 Resp: 304213

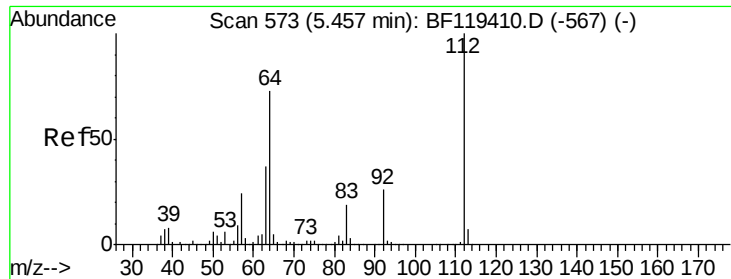
Ion Ratio Lower Upper

42 100

74 126.0 91.5 137.3

44 7.6 6.2 9.4





#5

2-Fluorophenol

Concen: 114.473 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

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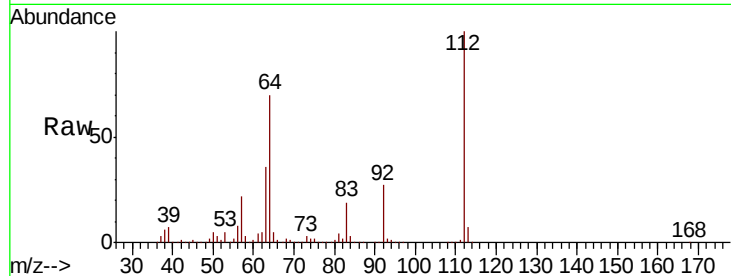
Tot Ion:112 Resp: 1531762

Ion Ratio Lower Upper

112 100

64 69.7 56.7 85.1

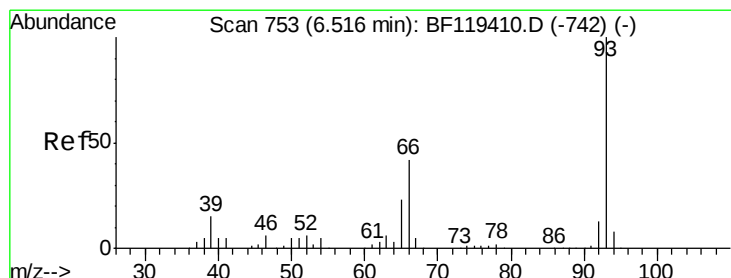
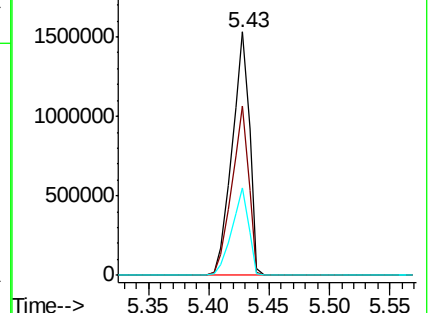
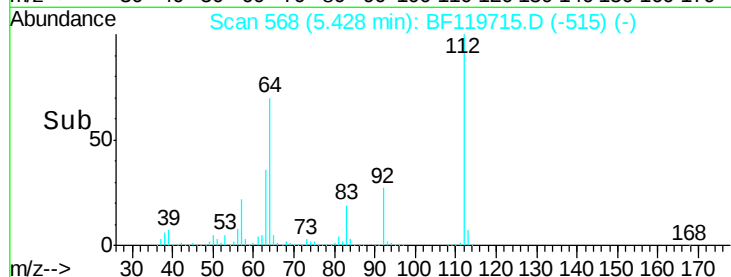
63 35.9 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.309 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

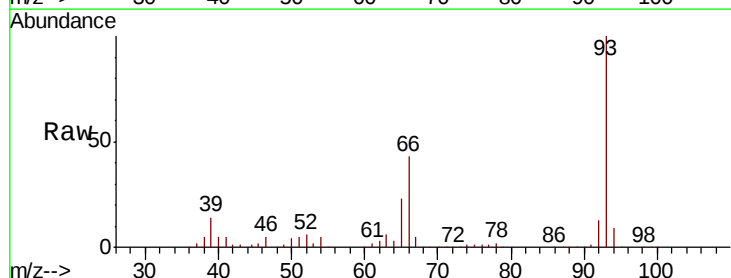
Tgt Ion: 93 Resp: 715017

Ion Ratio Lower Upper

93 100

66 43.3 34.9 52.3

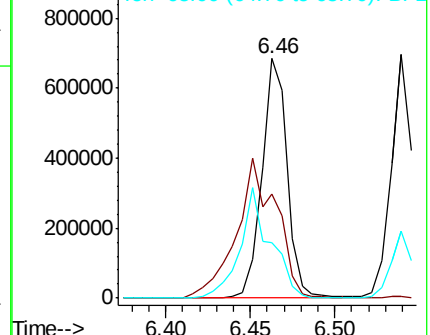
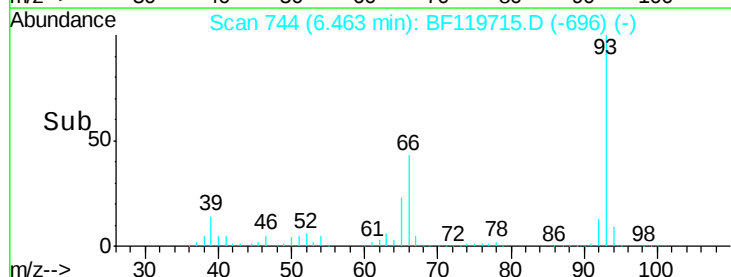
65 22.9 18.6 27.8

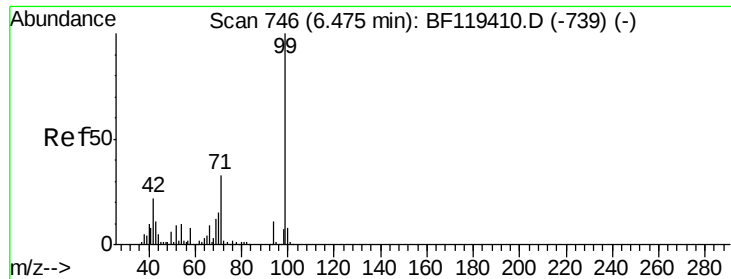


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.221 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

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ClientSampleId :

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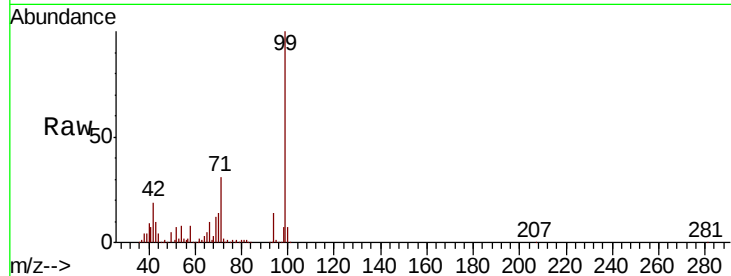
Tot Ion: 99 Resp: 1969498

Ion Ratio Lower Upper

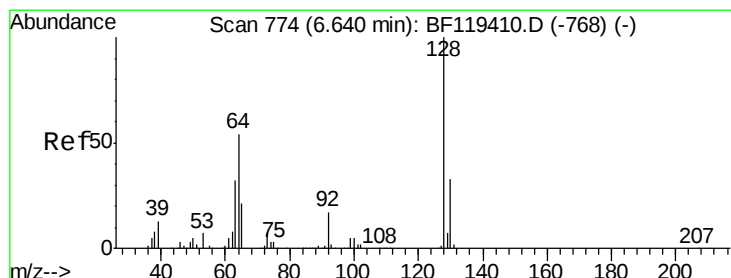
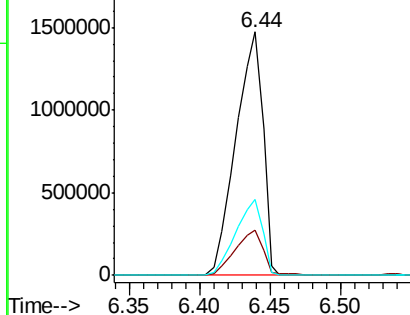
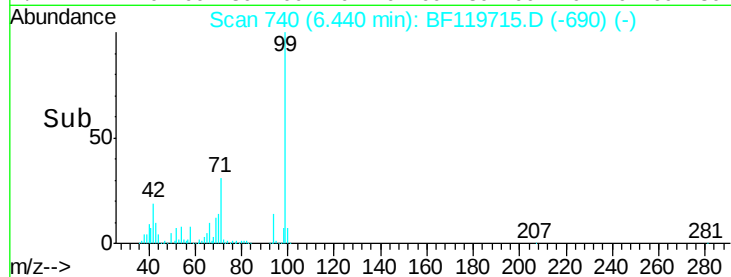
99 100

42 18.7 16.6 24.8

71 31.4 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1  
2000000 Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.192 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

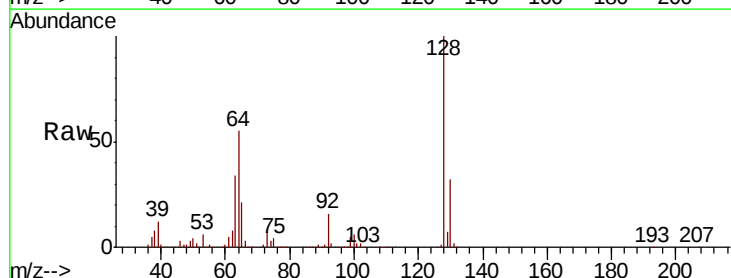
Tgt Ion: 128 Resp: 621060

Ion Ratio Lower Upper

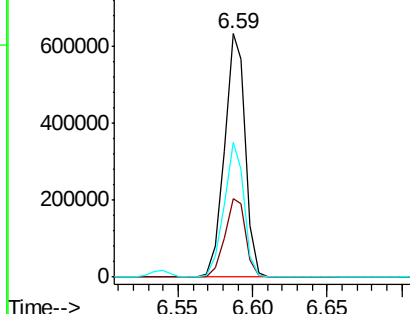
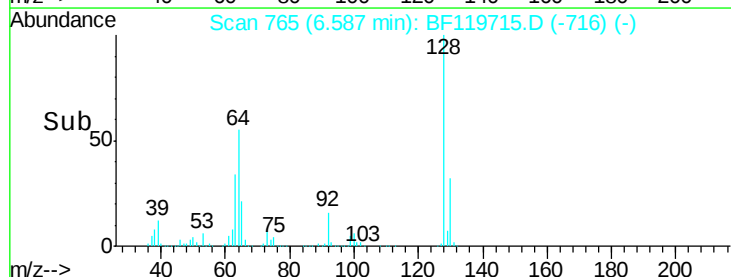
128 100

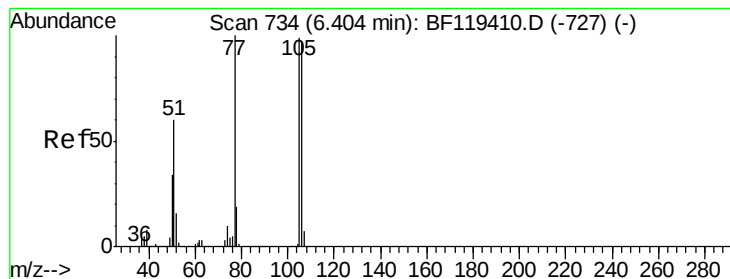
130 32.3 12.6 52.6

64 55.4 35.3 75.3



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





#9

Benzaldehyde

Concen: 31.863 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

PB127977BS

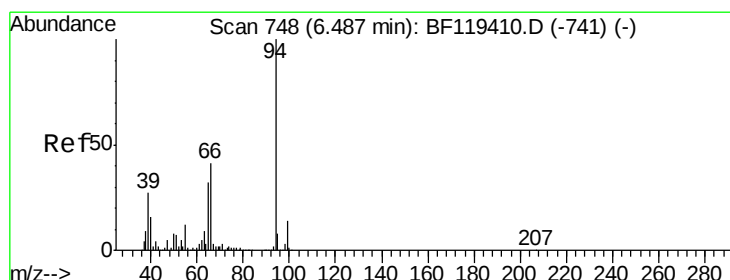
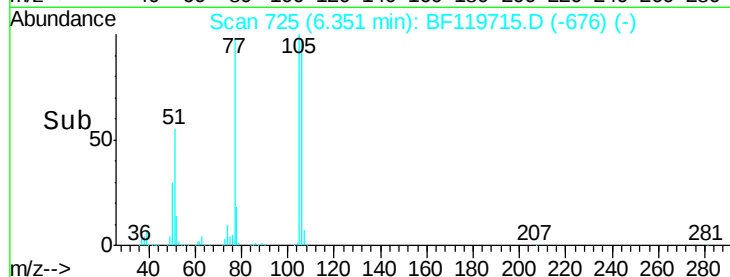
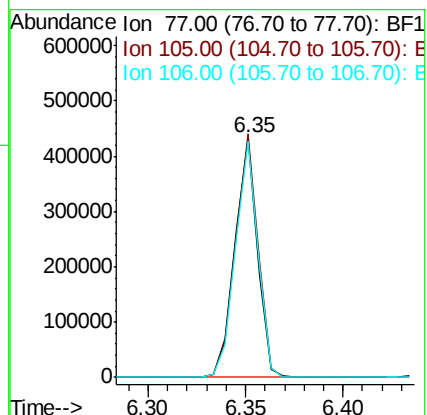
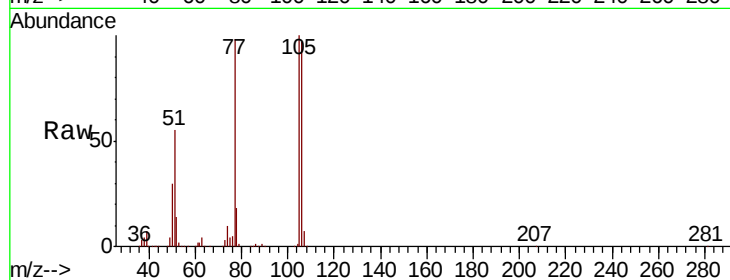
Tot Ion: 77 Resp: 345507

Ion Ratio Lower Upper

77 100

105 102.1 80.9 120.9

106 99.0 77.9 117.9



#10

Phenol

Concen: 43.070 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

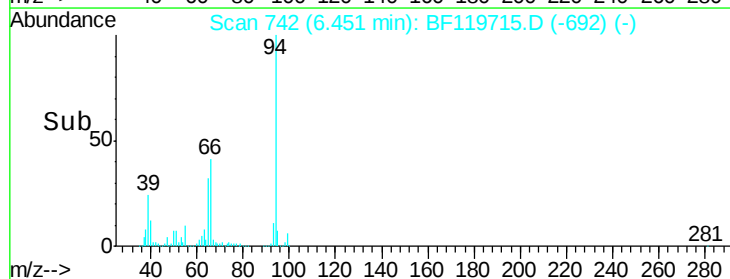
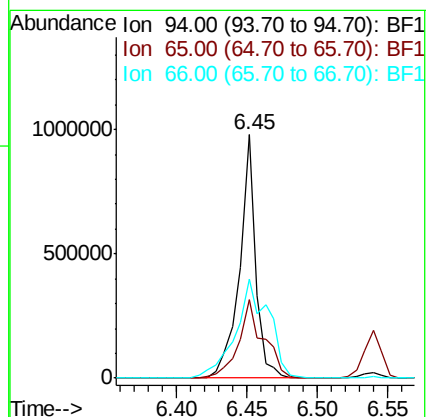
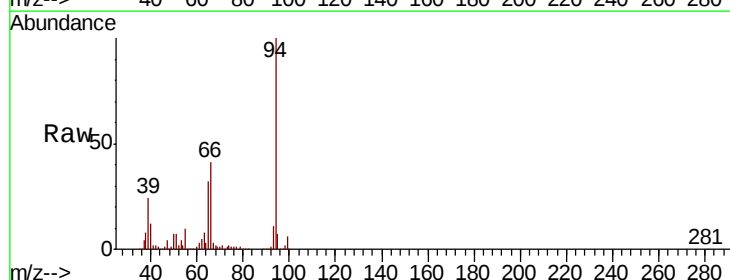
Tgt Ion: 94 Resp: 785552

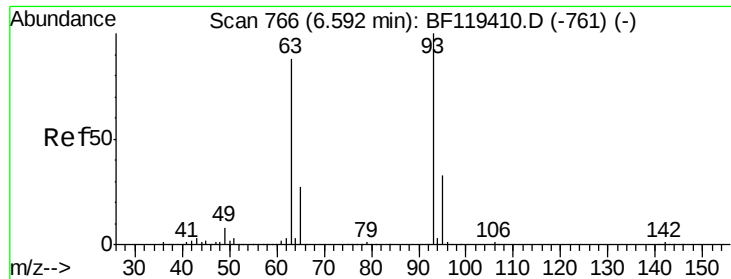
Ion Ratio Lower Upper

94 100

65 32.3 13.2 53.2

66 40.8 22.3 62.3

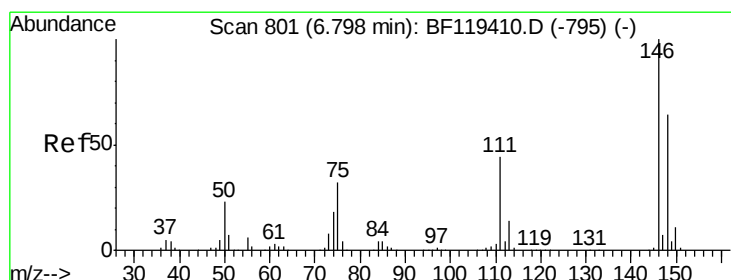
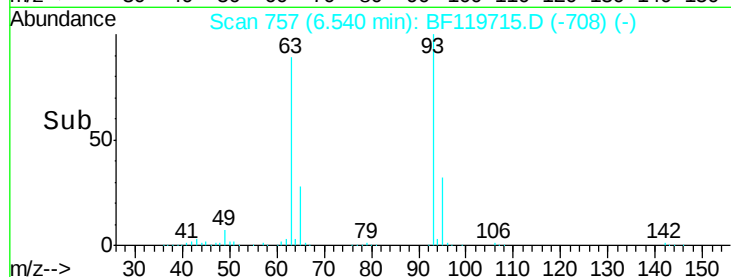
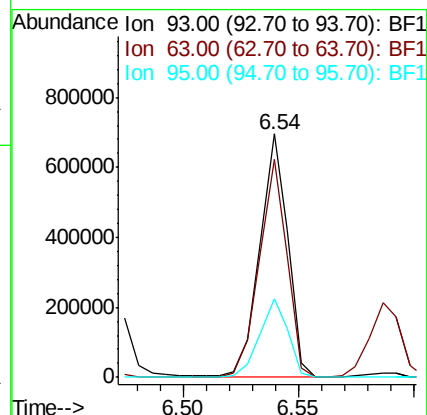
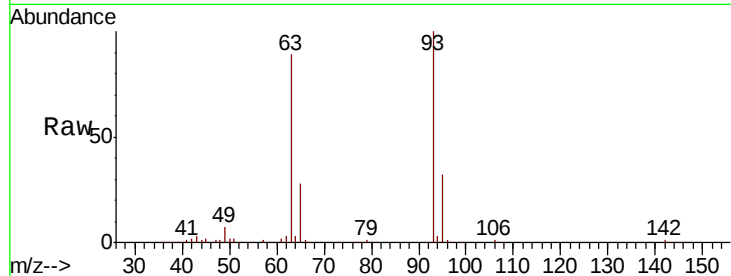




#11  
bis(2-Chloroethyl)ether  
Concen: 40.492 ng  
RT: 6.54 min Scan# 757  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

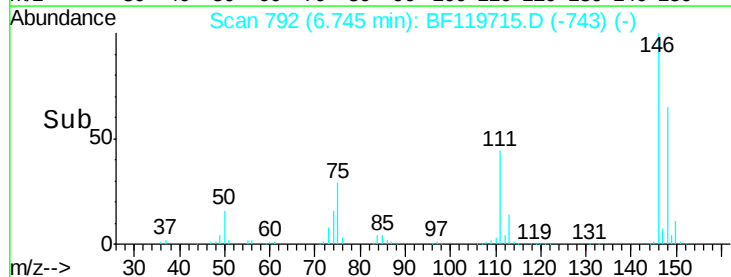
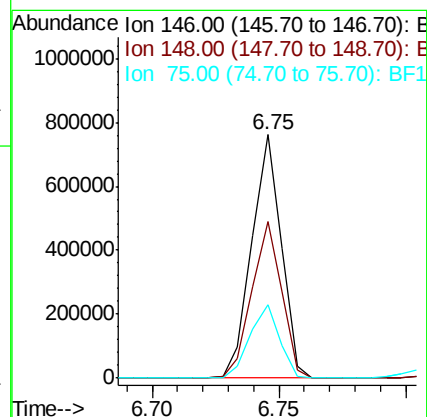
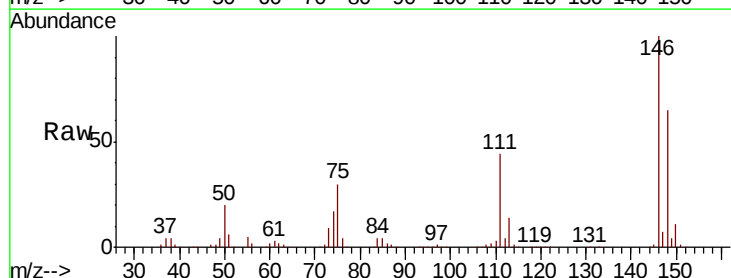
Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

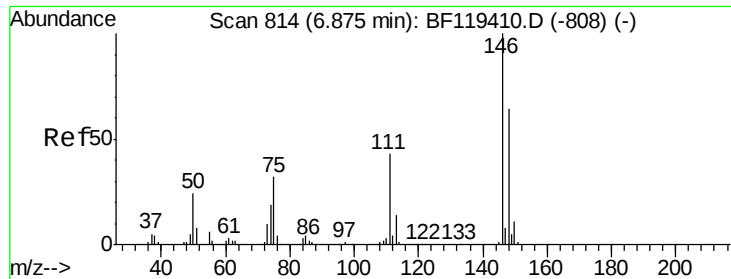
Tot Ion: 93 Resp: 590671  
Ion Ratio Lower Upper  
93 100  
63 89.3 70.2 110.2  
95 32.3 13.4 53.4



#12  
1,3-Dichlorobenzene  
Concen: 40.802 ng  
RT: 6.75 min Scan# 792  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Tgt Ion: 146 Resp: 620624  
Ion Ratio Lower Upper  
146 100  
148 64.6 52.2 78.4  
75 30.1 23.0 34.4

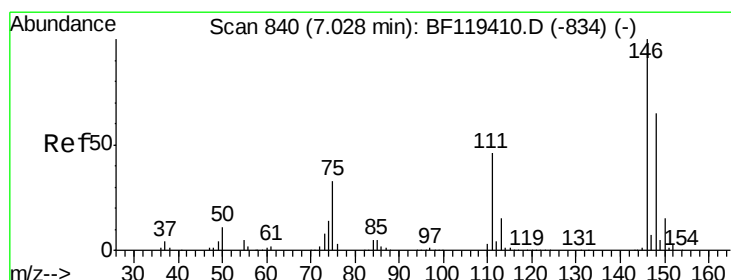
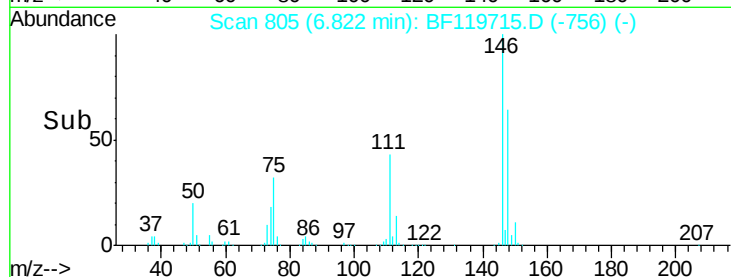
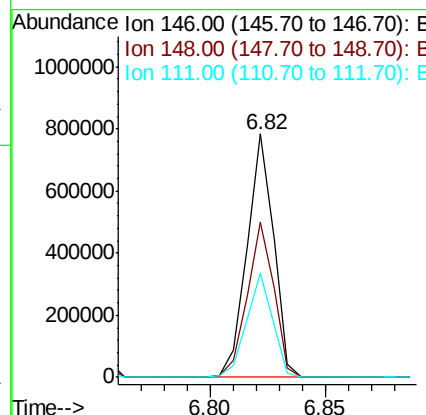
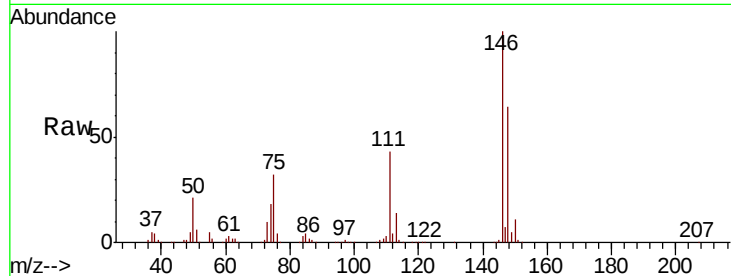




#13  
 1,4-Dichlorobenzene  
 Concen: 41.533 ng  
 RT: 6.82 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

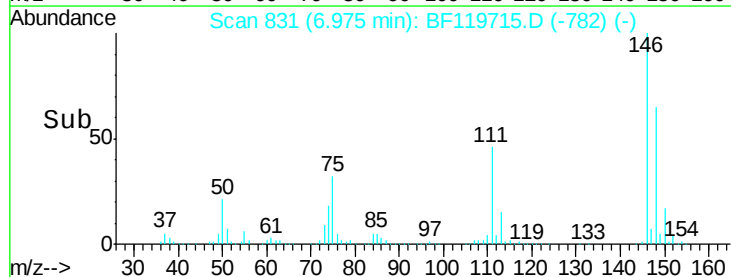
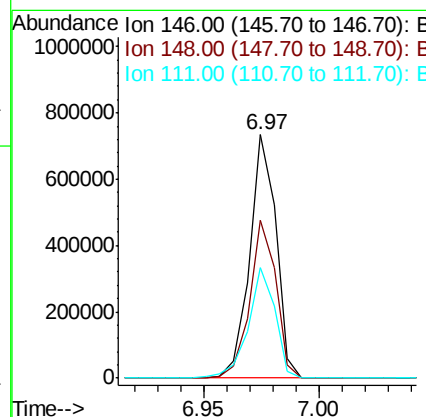
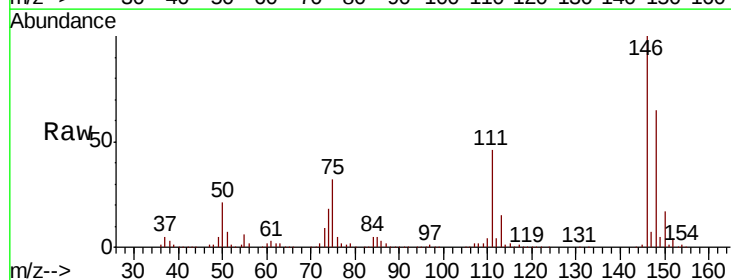
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127977BS

Tot Ion:146 Resp: 631891  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 51.5 77.3  
 111 42.9 33.3 49.9



#14  
 1,2-Dichlorobenzene  
 Concen: 41.316 ng  
 RT: 6.97 min Scan# 831  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Tgt Ion:146 Resp: 587549  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 50.6 75.8  
 111 45.5 36.1 54.1





#15

Benzyl Alcohol

Concen: 39.247 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

PB127977BS

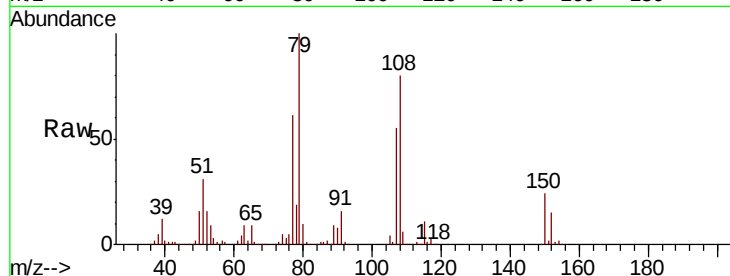
Tot Ion: 79 Resp: 504637

Ion Ratio Lower Upper

79 100

108 80.0 60.6 90.8

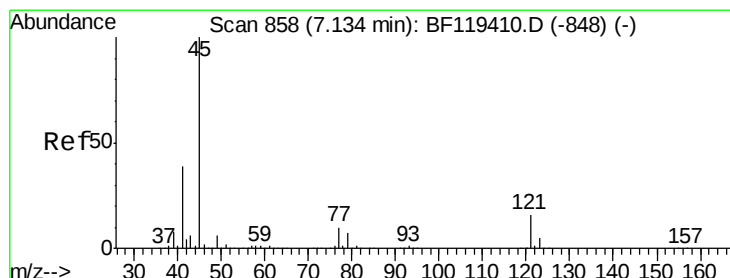
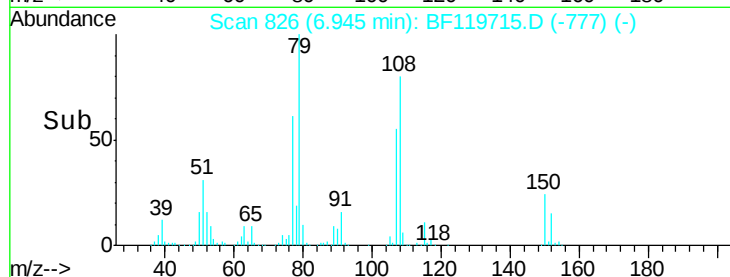
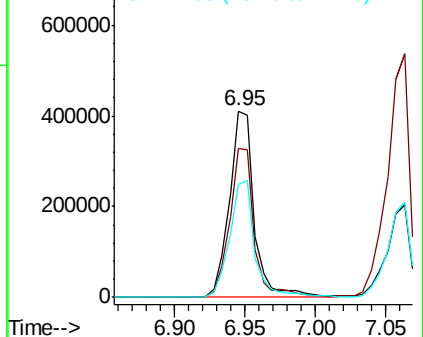
77 60.9 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.700 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

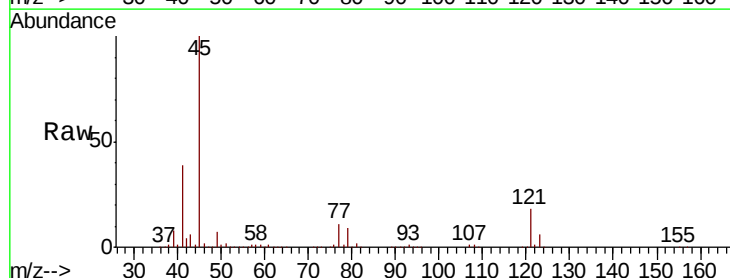
Tgt Ion: 45 Resp: 1020987

Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.7

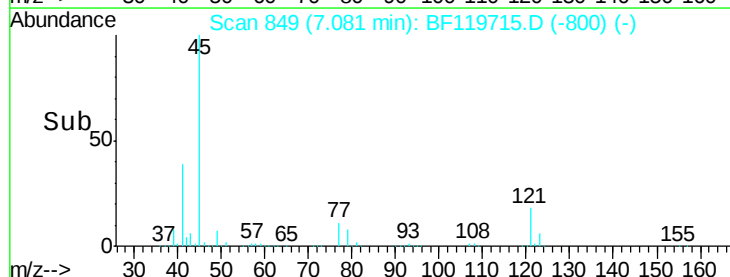
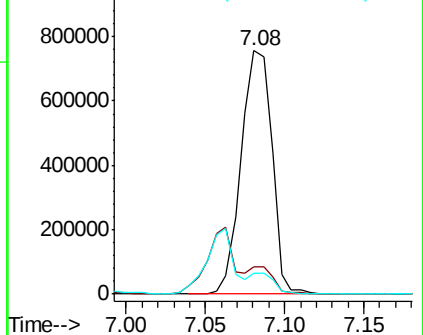
79 8.6 0.0 28.2

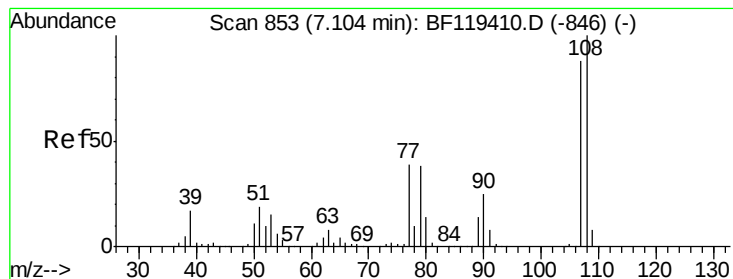


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

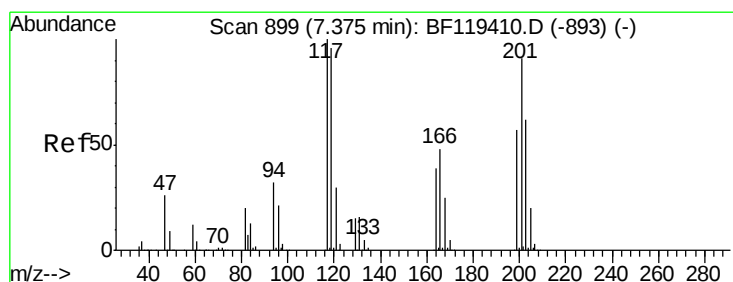
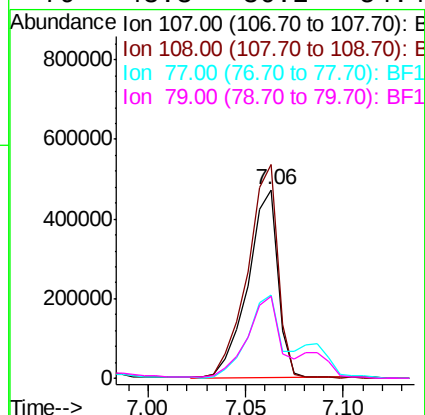
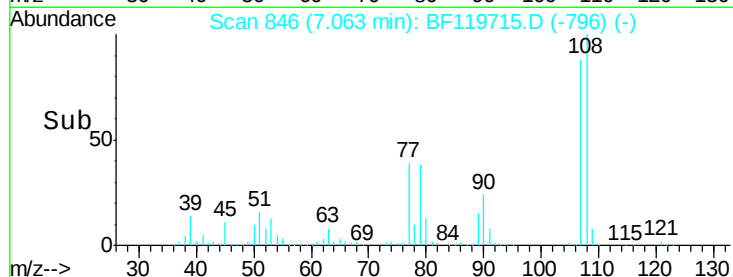
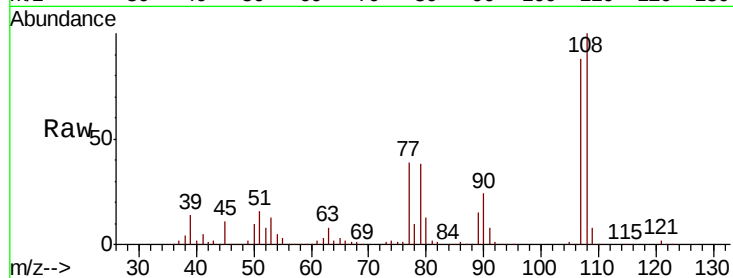




#17  
2-Methylphenol  
Concen: 39.350 ng  
RT: 7.06 min Scan# 846  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

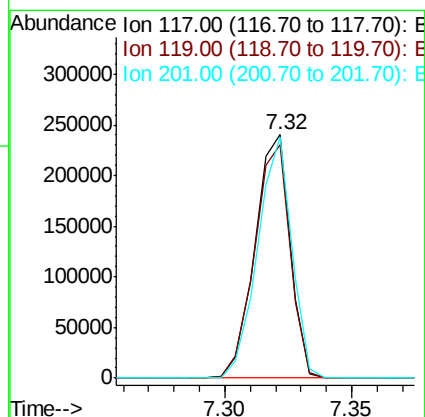
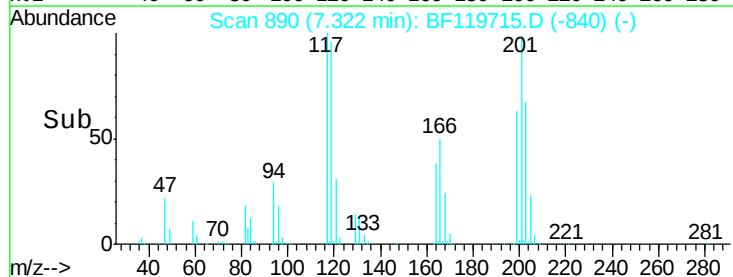
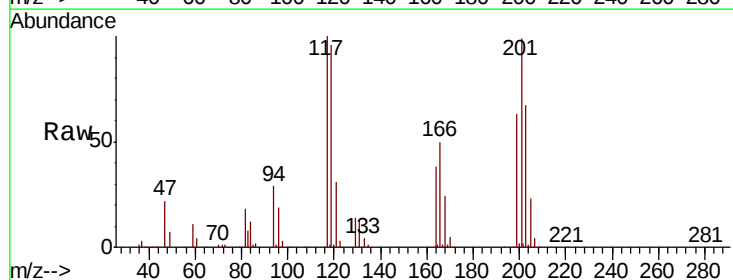
Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

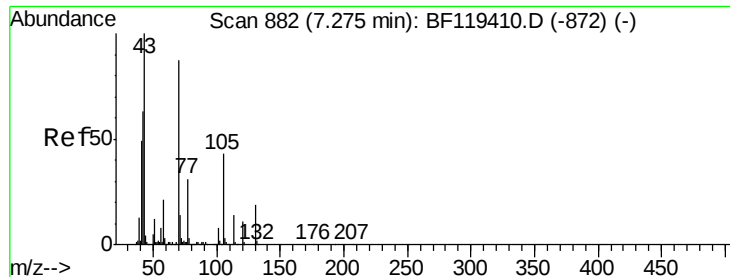
Tot Ion:107 Resp: 506694  
Ion Ratio Lower Upper  
107 100  
108 113.2 92.2 138.4  
77 44.2 36.6 54.8  
79 43.3 36.2 54.4



#18  
Hexachloroethane  
Concen: 41.760 ng  
RT: 7.32 min Scan# 890  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Tgt Ion:117 Resp: 232836  
Ion Ratio Lower Upper  
117 100  
119 95.7 76.1 114.1  
201 99.1 73.0 109.6

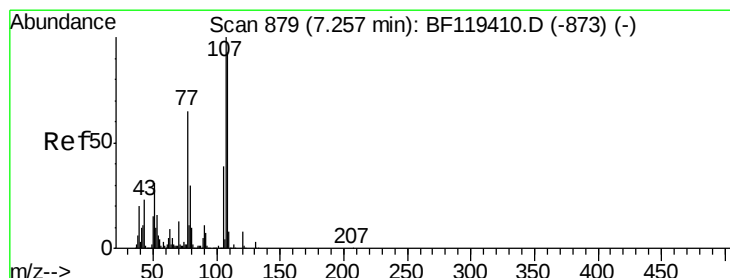
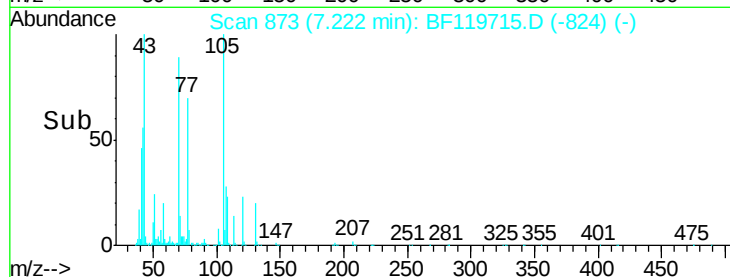
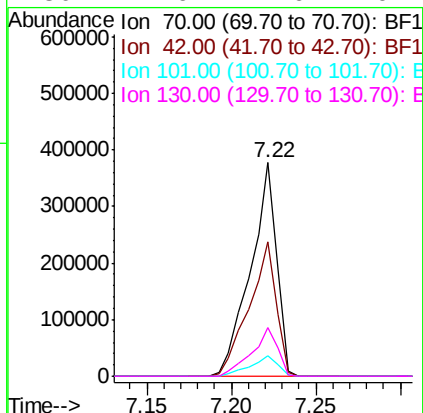
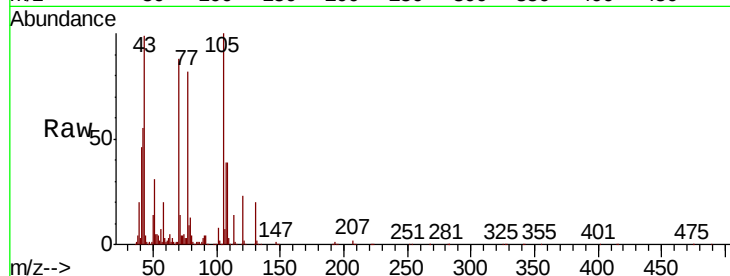




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.689 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

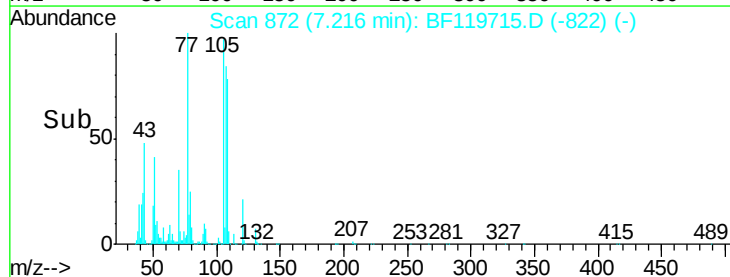
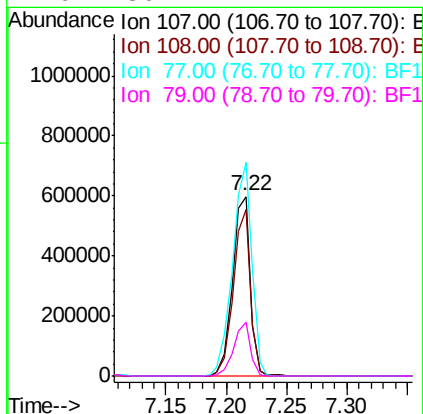
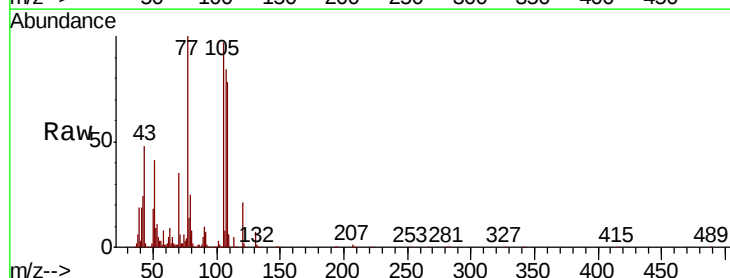
Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

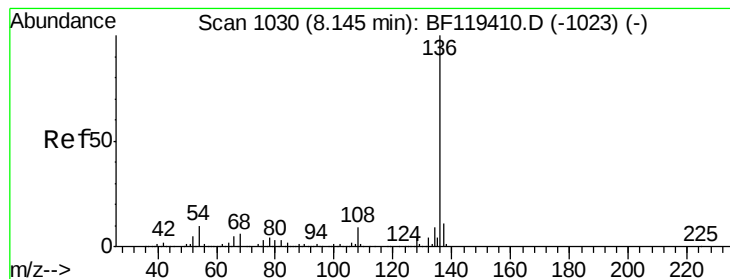
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 408914 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 63.0  | 54.5  | 81.7   |
| 101      | 9.5   | 7.6   | 11.4   |
| 130      | 22.6  | 17.6  | 26.4   |



#20  
3+4-Methylphenols  
Concen: 38.750 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 611498 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 92.8  | 67.9  | 107.9  |
| 77       | 118.8 | 52.9  | 92.9#  |
| 79       | 30.1  | 7.7   | 47.7   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

PB127977BS

Tot Ion:136 Resp: 833128

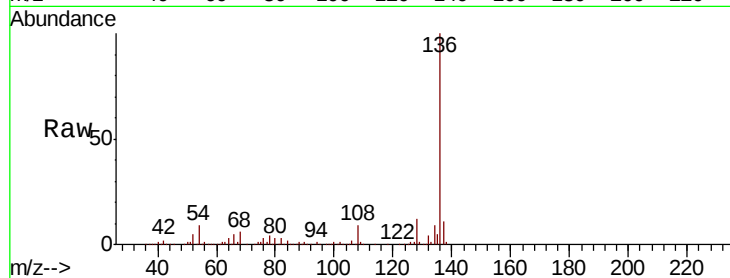
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.3 9.1 13.7

68 5.7 4.6 6.8

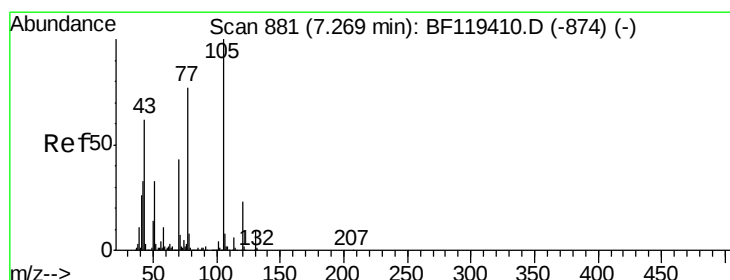
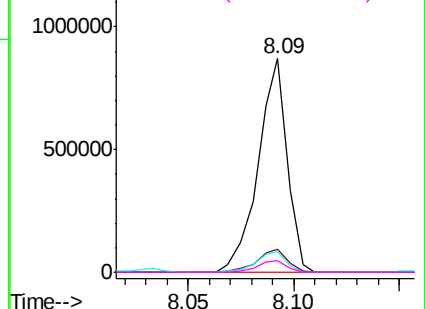
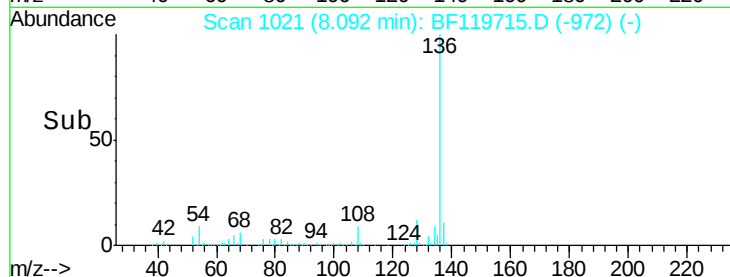


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.799 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Tgt Ion:105 Resp: 792290

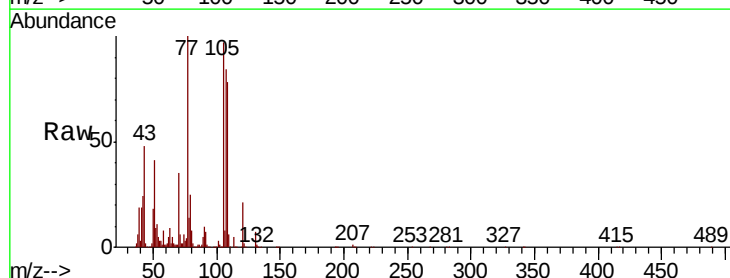
Ion Ratio Lower Upper

105 100

71 6.1 5.7 8.5

51 41.9 26.2 39.4#

120 21.4 18.3 27.5

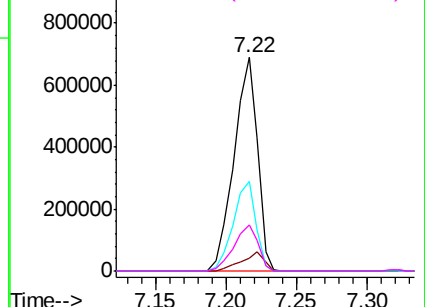
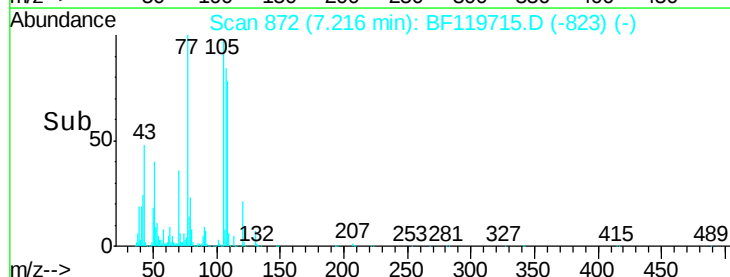


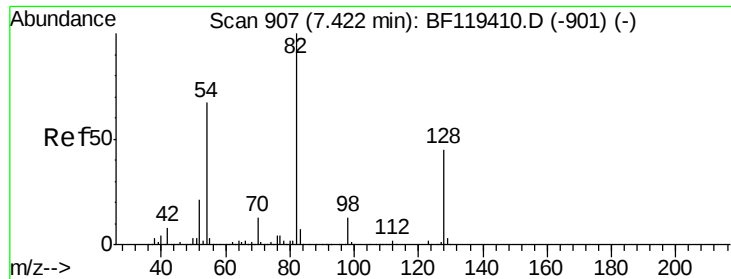
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

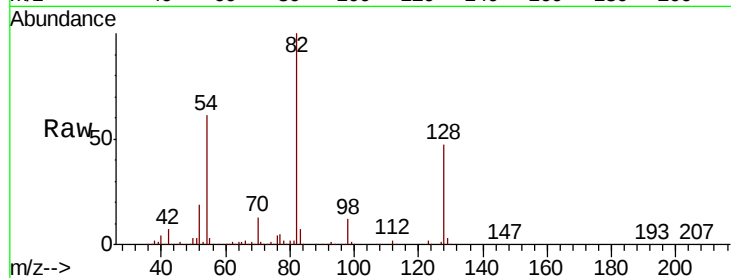




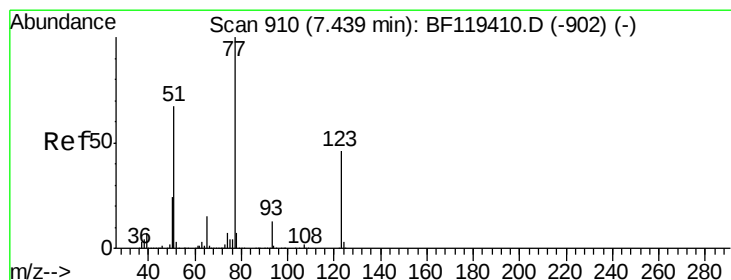
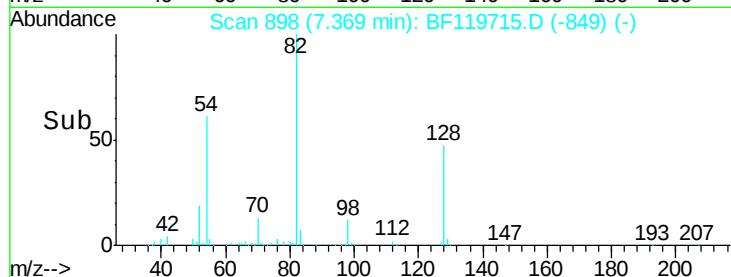
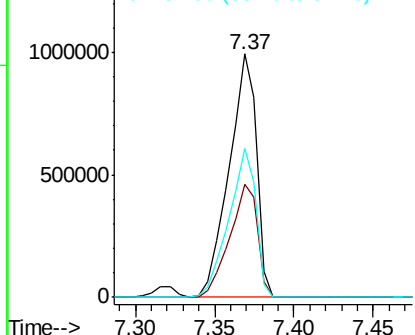
#23  
 Nitrobenzene-d5  
 Concen: 77.551 ng  
 RT: 7.37 min Scan# 898  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127977BS

Tot Ion: 82 Resp: 1188826  
 Ion Ratio Lower Upper  
 82 100  
 128 46.6 36.3 54.5  
 54 61.0 50.6 75.8

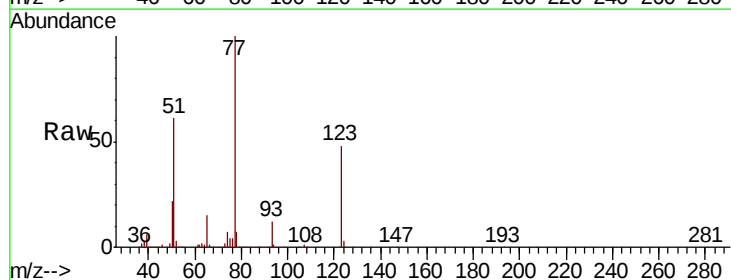


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

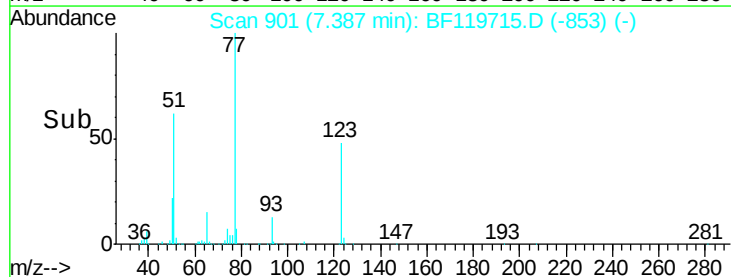
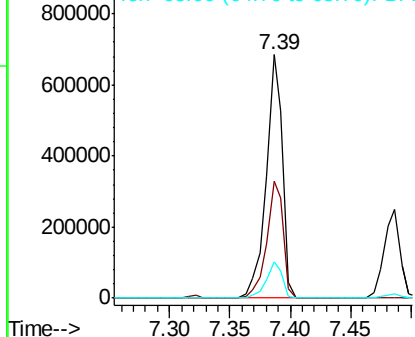


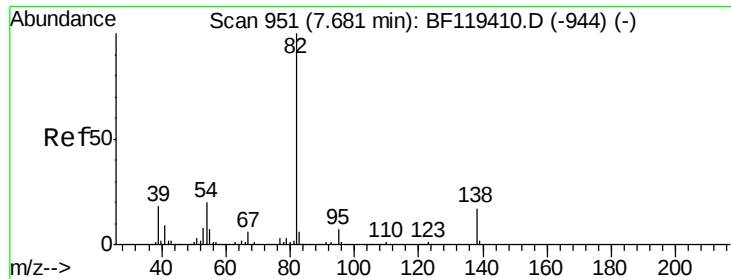
#24  
 Nitrobenzene  
 Concen: 38.844 ng  
 RT: 7.39 min Scan# 901  
 Delta R.T. -0.02 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Tgt Ion: 77 Resp: 636363  
 Ion Ratio Lower Upper  
 77 100  
 123 47.8 38.0 57.0  
 65 15.2 12.6 18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1  
 Ion 123.00 (122.70 to 123.70): BF1  
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.939 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

PB127977BS

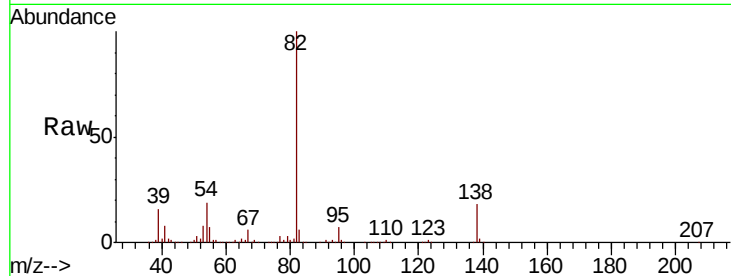
Tot Ion: 82 Resp: 1148669

Ion Ratio Lower Upper

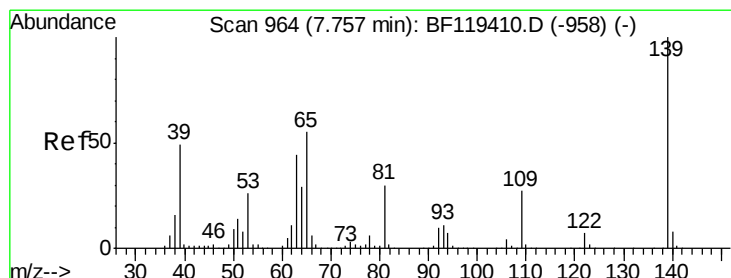
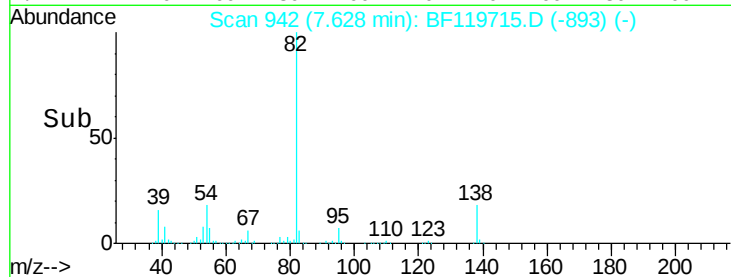
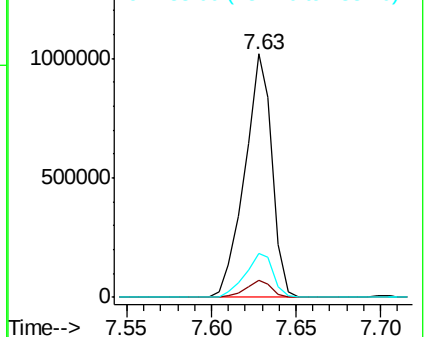
82 100

95 6.8 5.8 8.6

138 17.9 14.6 21.8



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



#26

2-Nitrophenol

Concen: 51.443 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

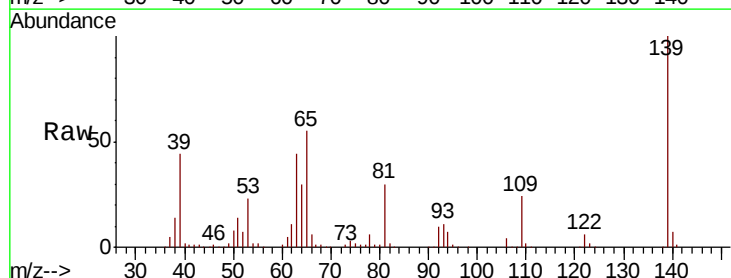
Tgt Ion: 139 Resp: 331827

Ion Ratio Lower Upper

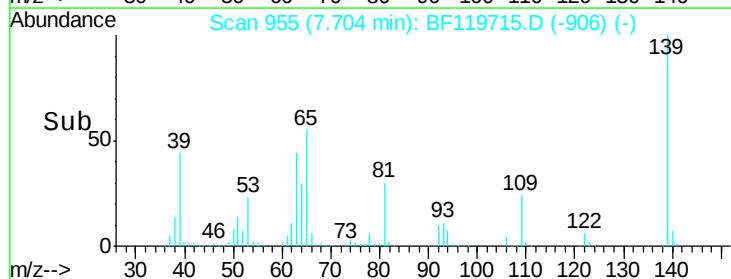
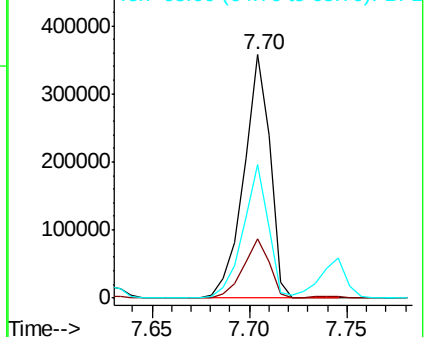
139 100

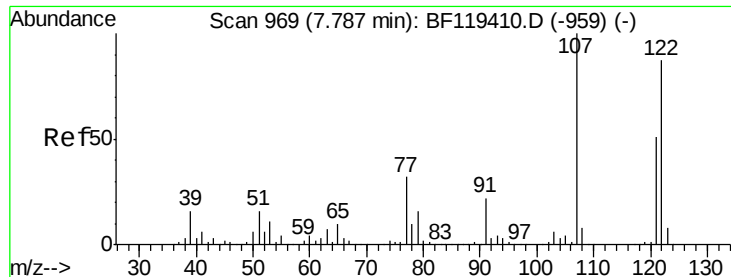
109 24.5 22.1 33.1

65 54.9 49.2 73.8



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

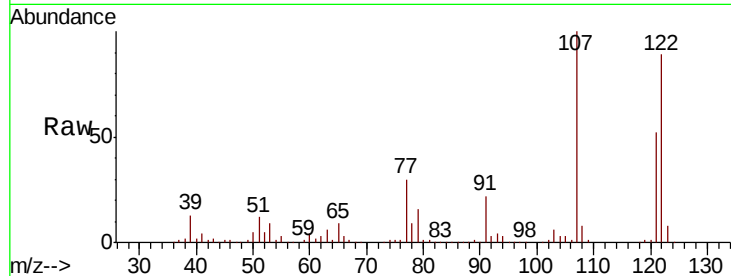




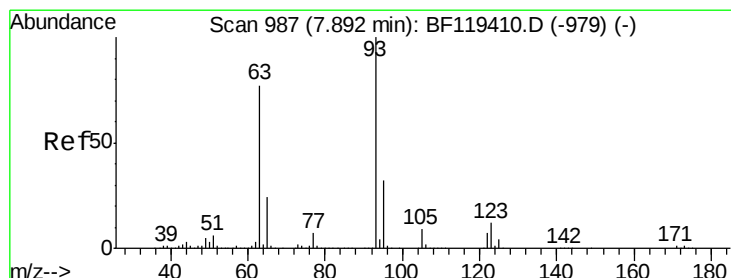
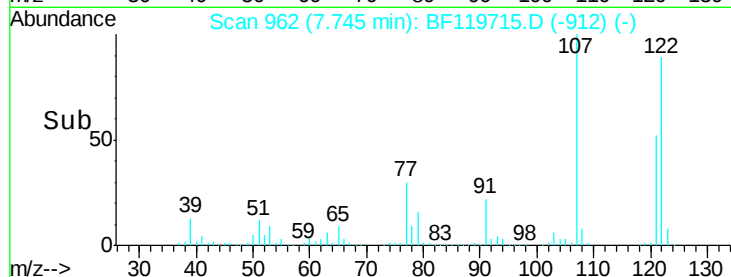
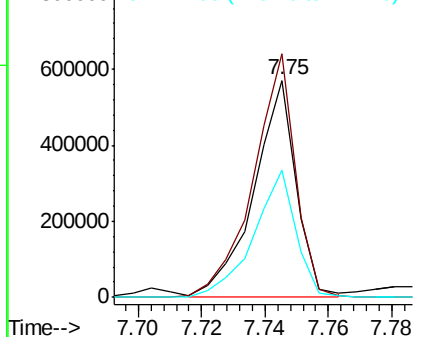
#27  
2,4-Dimethylphenol  
Concen: 39.746 ng  
RT: 7.75 min Scan# 962  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

Tot Ion:122 Resp: 530122  
Ion Ratio Lower Upper  
122 100  
107 112.2 89.0 133.6  
121 58.9 46.7 70.1

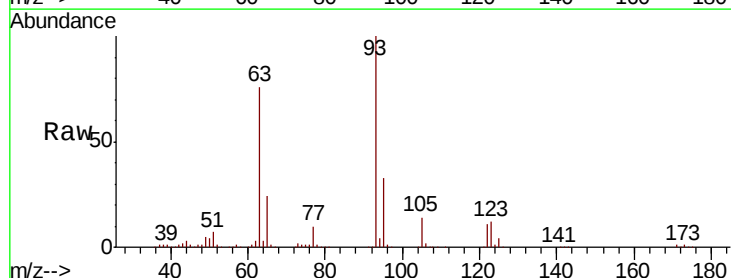


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

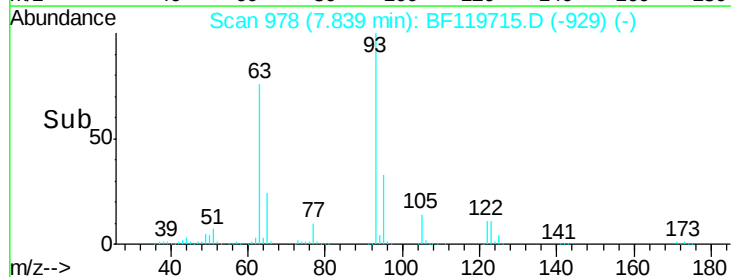
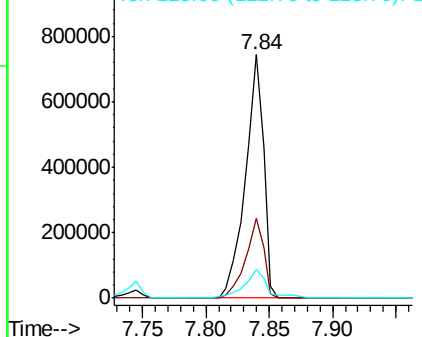


#28  
bis(2-Chloroethoxy)methane  
Concen: 40.084 ng  
RT: 7.84 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Tgt Ion: 93 Resp: 737070  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.3 39.5  
123 11.5 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 123.00 (122.70 to 123.70): E

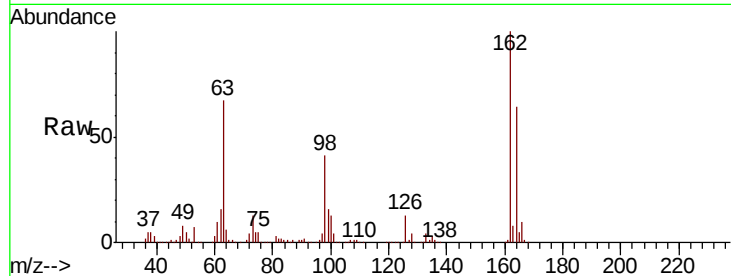




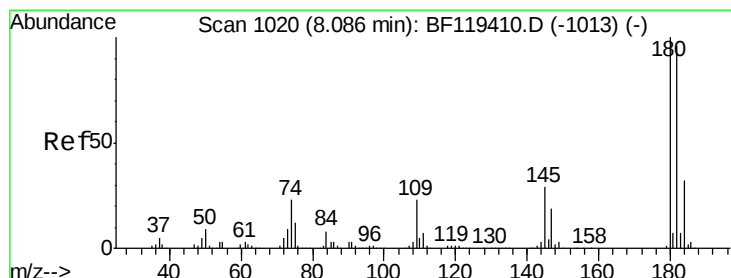
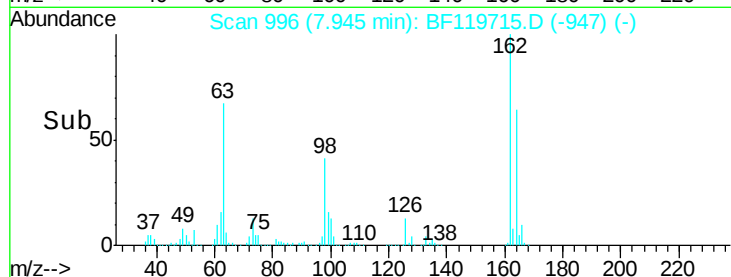
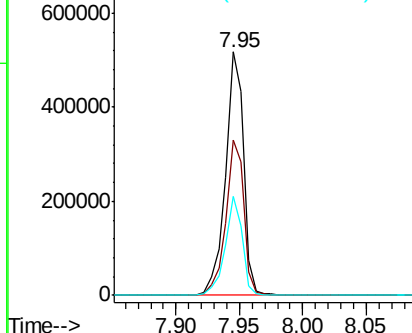
#29  
2,4-Dichlorophenol  
Concen: 41.531 ng  
RT: 7.95 min Scan# 996  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

Tot Ion:162 Resp: 508974  
Ion Ratio Lower Upper  
162 100  
164 63.6 44.7 84.7  
98 40.6 20.7 60.7

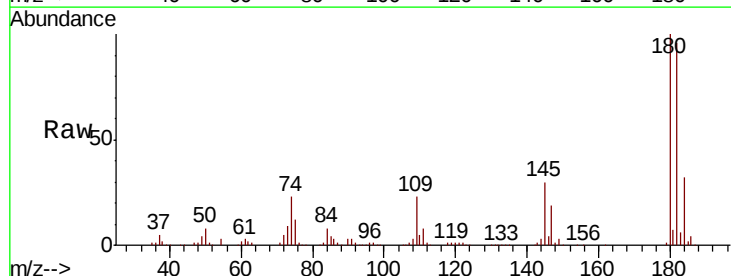


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

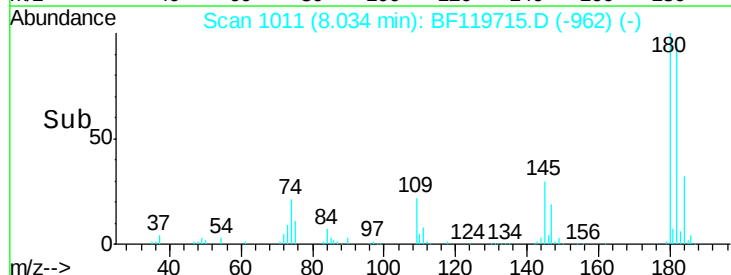
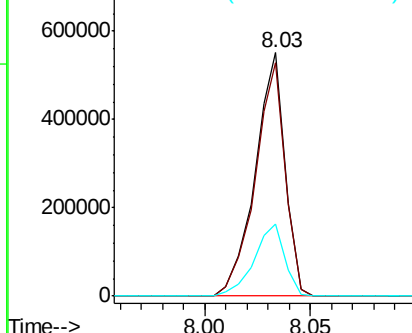


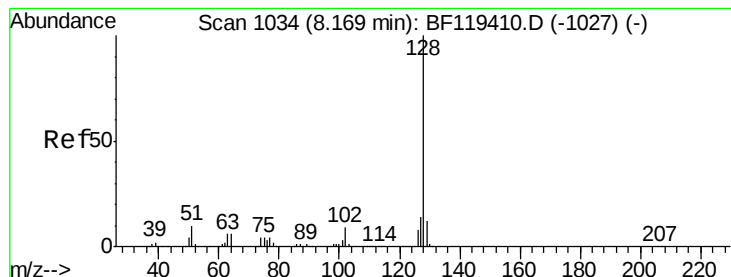
#30  
1,2,4-Trichlorobenzene  
Concen: 40.057 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Tgt Ion:180 Resp: 542898  
Ion Ratio Lower Upper  
180 100  
182 96.1 74.7 112.1  
145 29.6 24.5 36.7



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





#31

Naphthalene

Concen: 40.624 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

PB127977BS

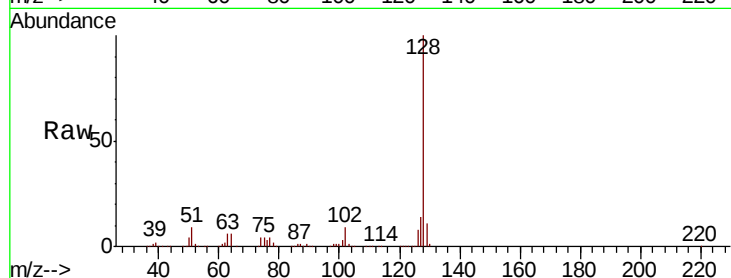
Tot Ion:128 Resp: 1741710

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

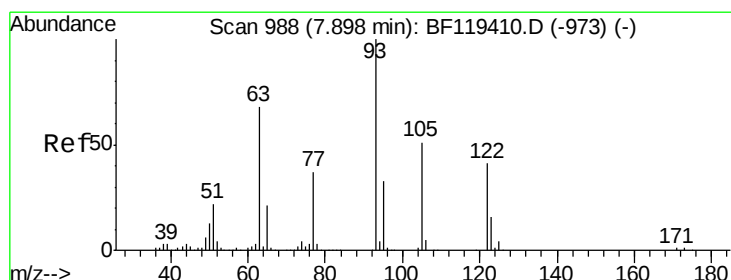
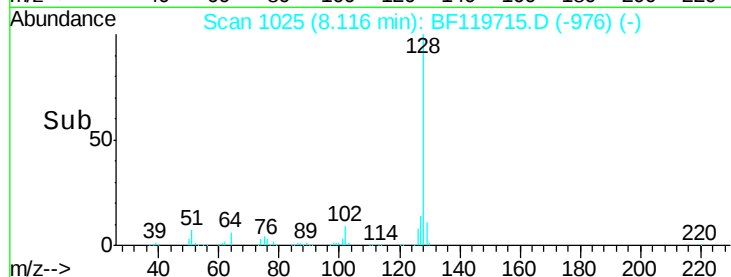
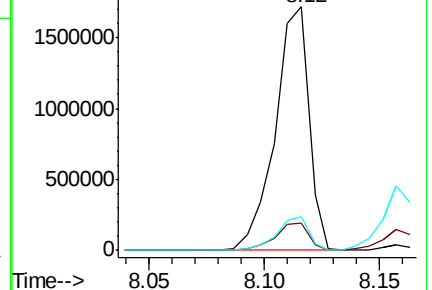
127 13.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.366 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

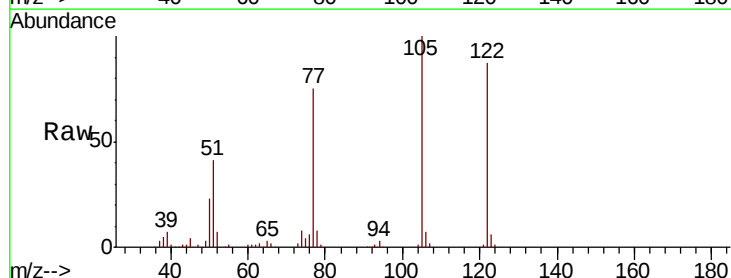
Tgt Ion:122 Resp: 423548

Ion Ratio Lower Upper

122 100

105 114.8 104.9 144.9

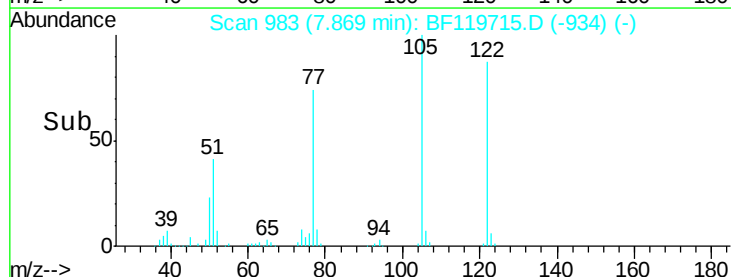
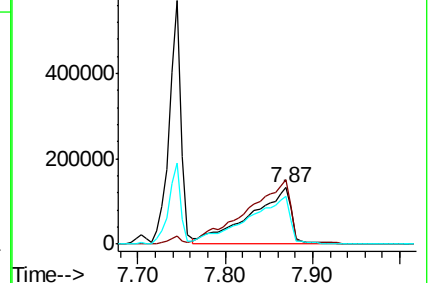
77 85.8 74.4 114.4

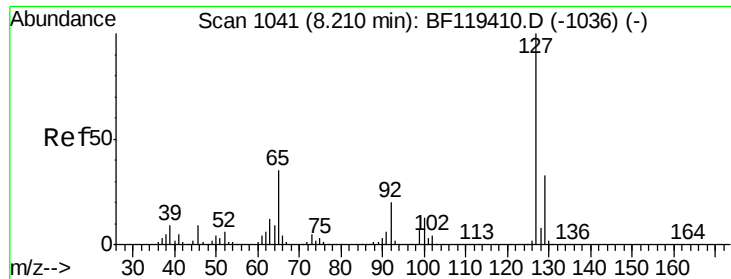


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

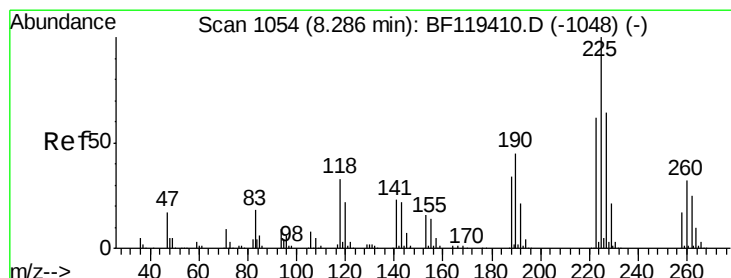
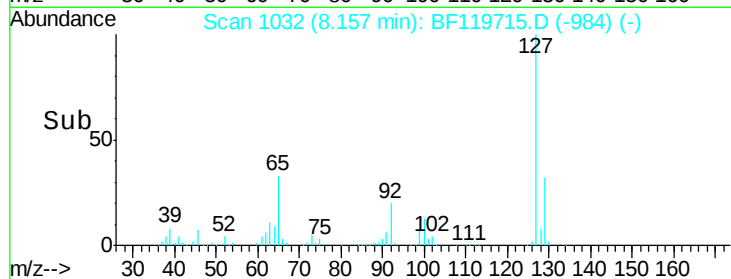
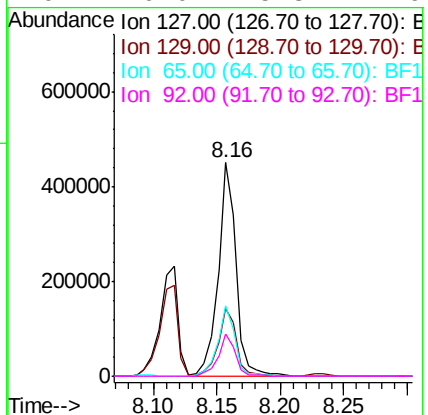
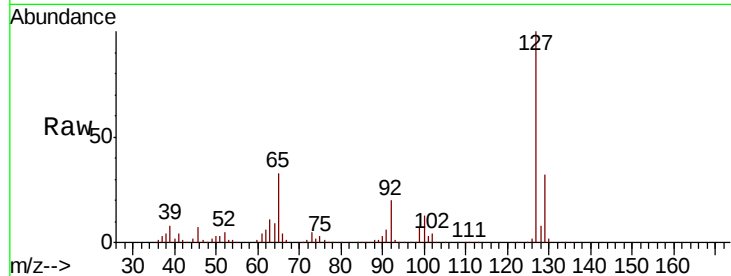




#33  
4-Chloroaniline  
Concen: 22.722 ng  
RT: 8.16 min Scan# 1032  
Delta R.T. -0.02 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

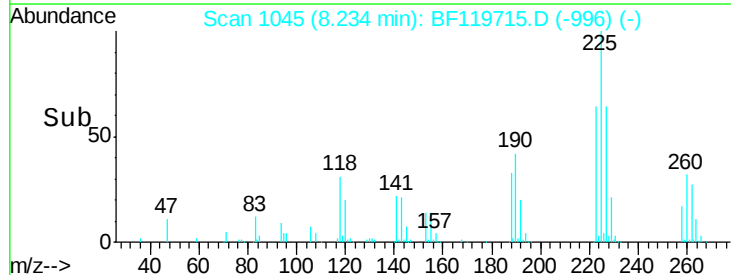
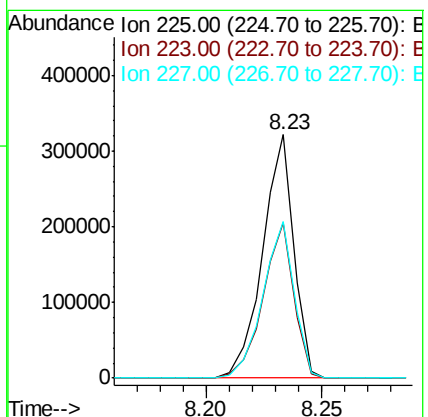
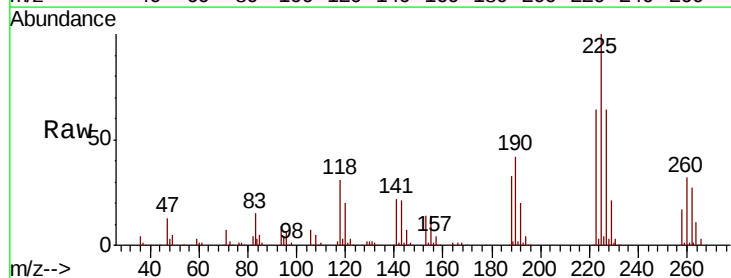
Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

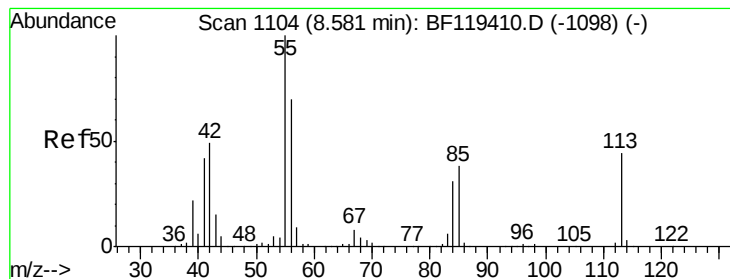
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 446389 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 26.2  | 39.4   |
| 65       | 33.1  | 27.4  | 41.0   |
| 92       | 20.0  | 15.3  | 22.9   |



#34  
Hexachlorobutadiene  
Concen: 39.744 ng  
RT: 8.23 min Scan# 1045  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 301380 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.8  | 51.0  | 76.6   |
| 227      | 64.3  | 50.7  | 76.1   |





#35

Caprolactam

Concen: 23.398 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

PB127977BS

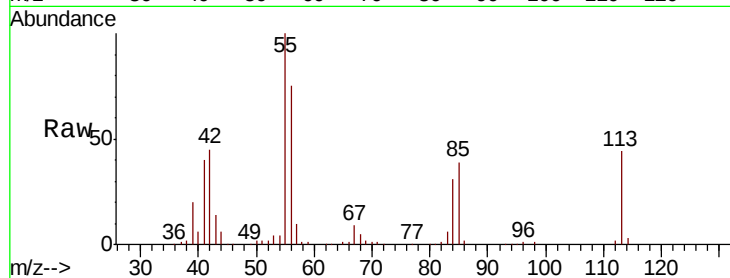
Tot Ion:113 Resp: 93847

Ion Ratio Lower Upper

113 100

55 225.2 218.4 258.4

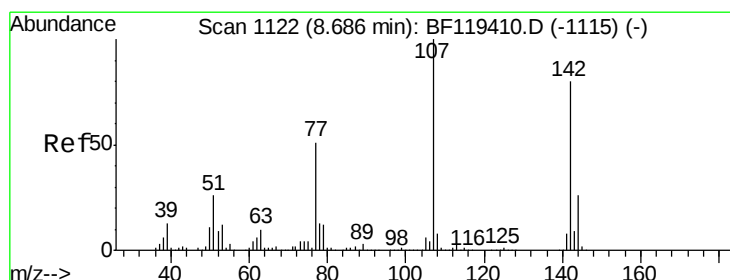
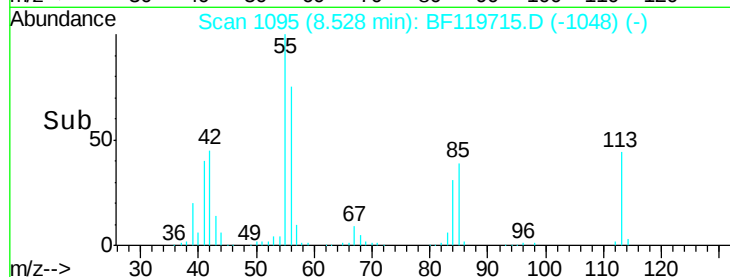
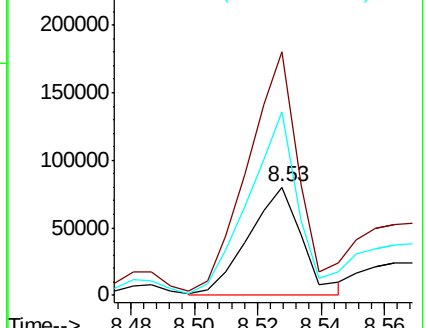
56 169.4 148.9 188.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.364 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

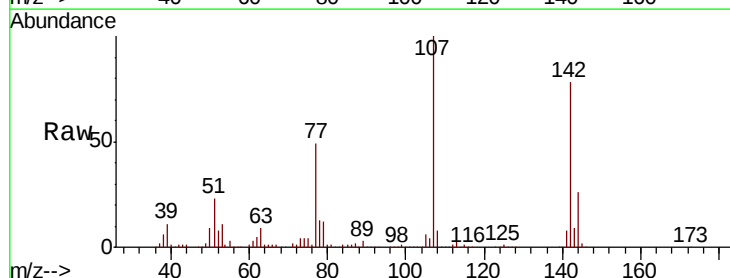
Tgt Ion:107 Resp: 554049

Ion Ratio Lower Upper

107 100

144 25.8 21.0 31.6

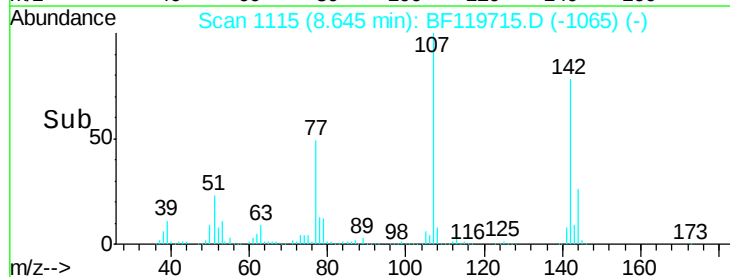
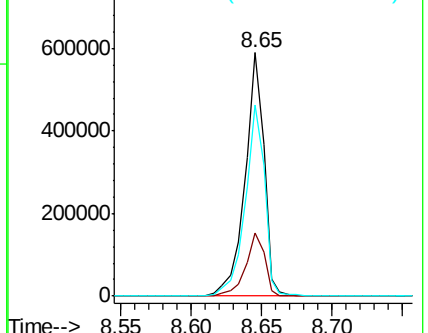
142 78.3 64.4 96.6

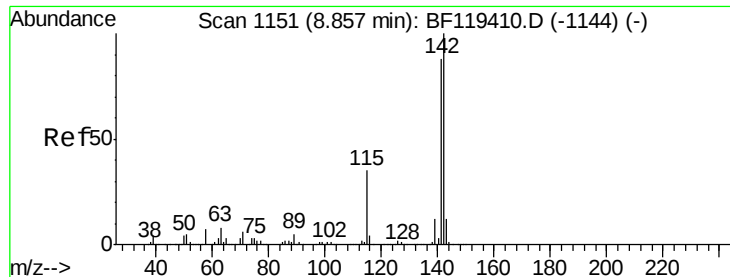


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

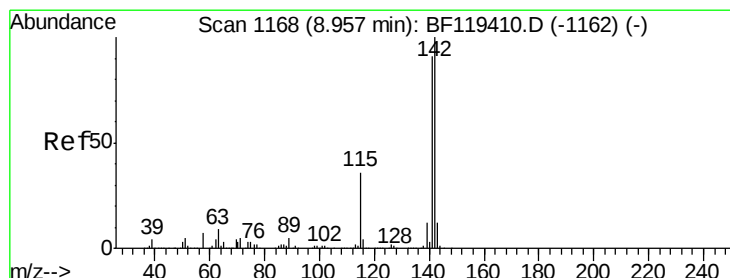
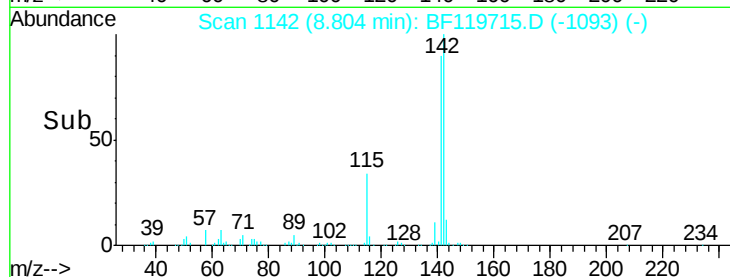
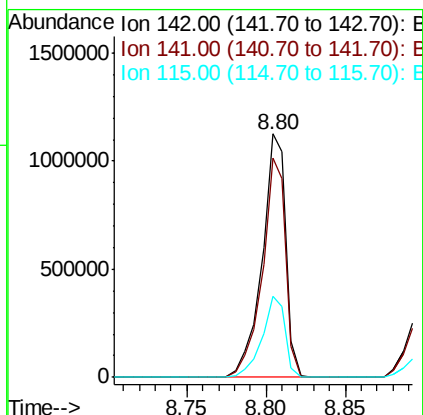
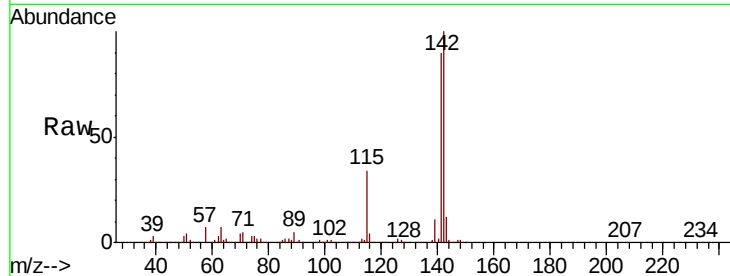




#37  
2-Methylnaphthalene  
Concen: 41.980 ng  
RT: 8.80 min Scan# 1142  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

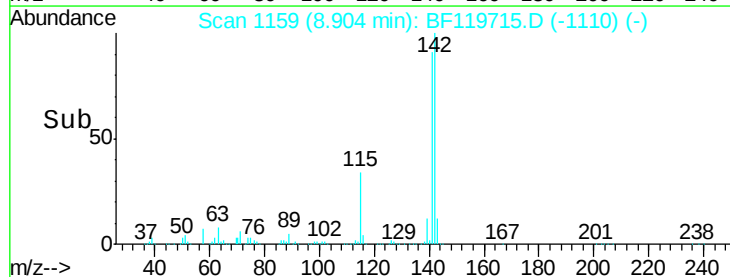
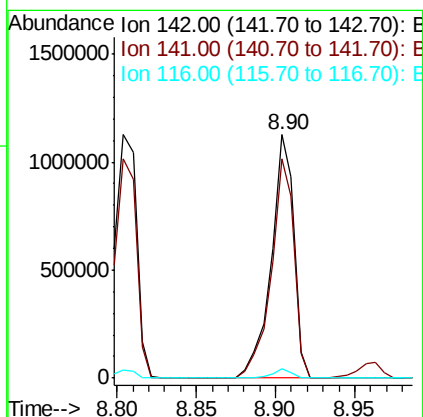
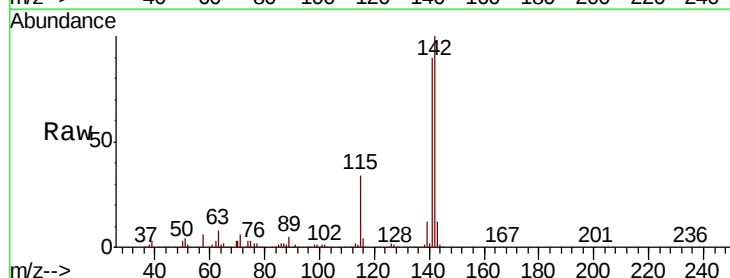
Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

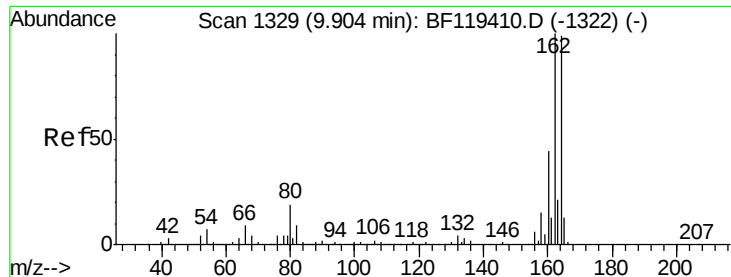
Tot Ion:142 Resp: 1181210  
Ion Ratio Lower Upper  
142 100  
141 90.3 71.7 107.5  
115 33.5 27.9 41.9



#38  
1-Methylnaphthalene  
Concen: 42.402 ng  
RT: 8.90 min Scan# 1159  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Tgt Ion:142 Resp: 1129276  
Ion Ratio Lower Upper  
142 100  
141 90.3 73.7 110.5  
116 3.6 3.0 4.6

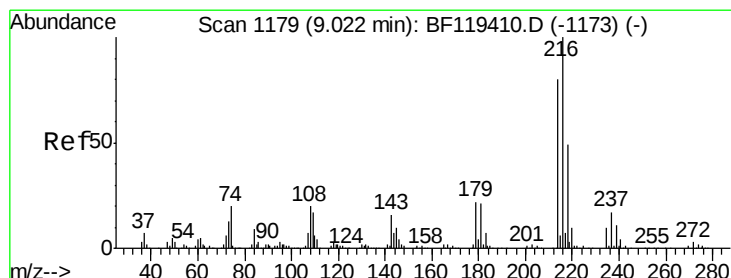
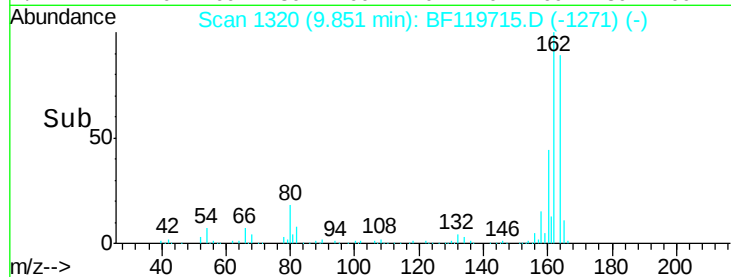
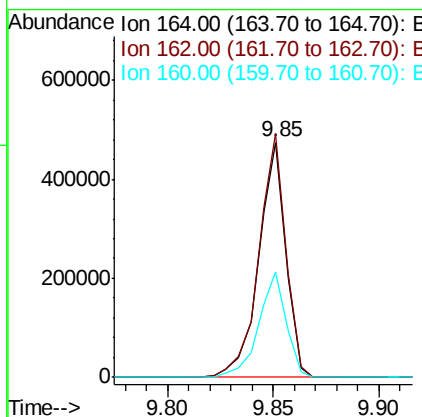
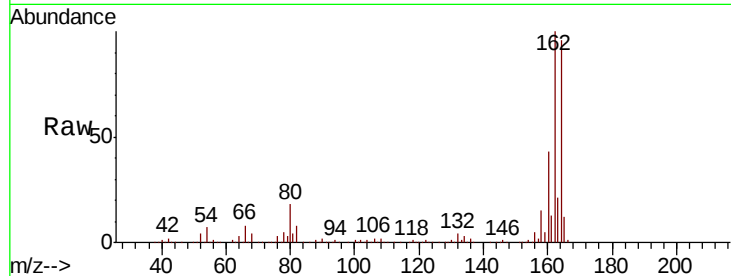




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.85 min Scan# 1320  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

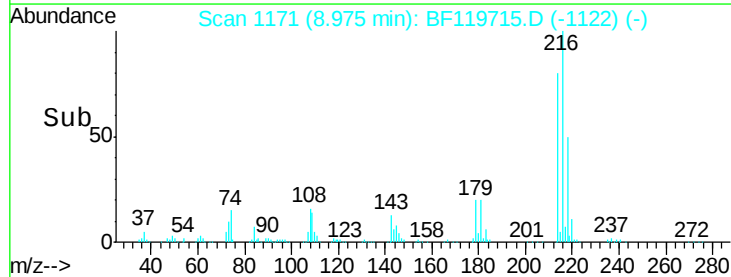
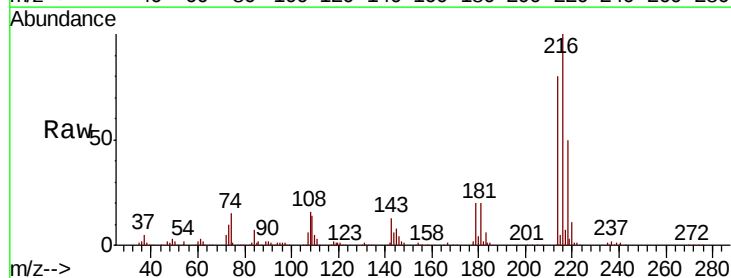
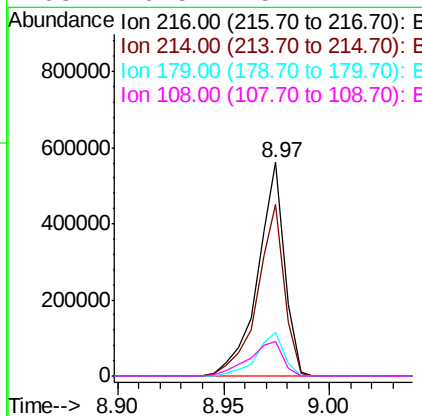
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127977BS

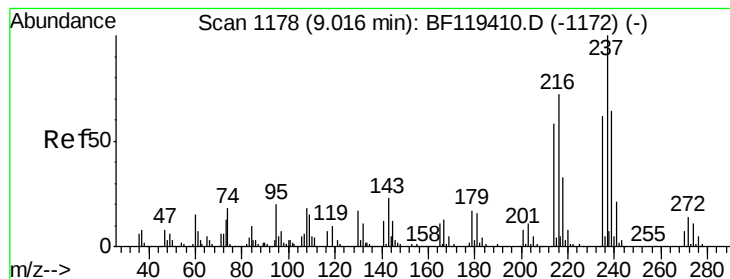
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.7 | 80.6  | 121.0 |
| 160     | 45.1  | 35.7  | 53.5  |



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.939 ng  
 RT: 8.97 min Scan# 1171  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 80.0  | 63.2  | 94.8  |
| 179     | 21.0  | 17.1  | 25.7  |
| 108     | 20.5  | 15.1  | 22.7  |





#41

Hexachlorocyclopentadiene

Concen: 85.114 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

PB127977BS

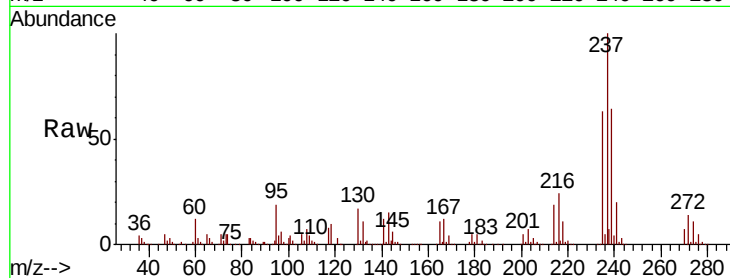
Tot Ion:237 Resp: 601011

Ion Ratio Lower Upper

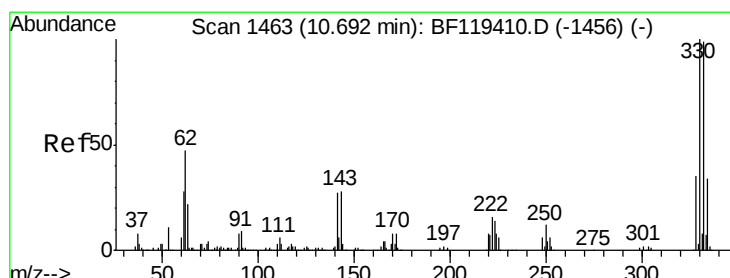
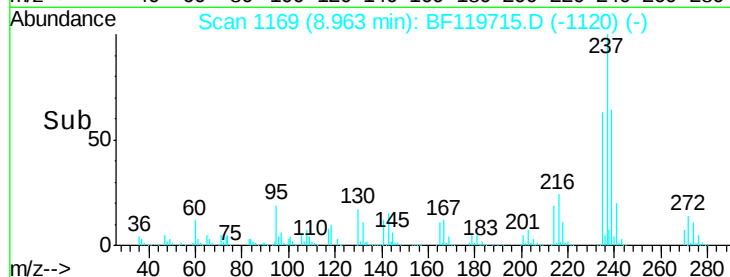
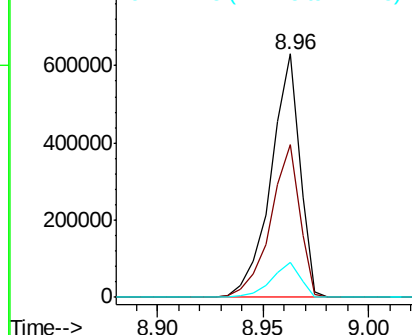
237 100

235 62.5 43.2 83.2

272 14.3 0.0 34.1



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



#42

2,4,6-Tribromophenol

Concen: 130.183 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

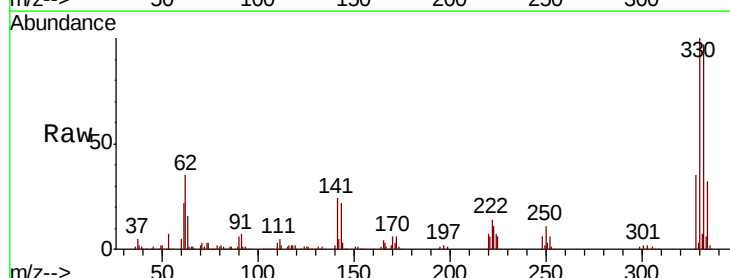
Tgt Ion:330 Resp: 569126

Ion Ratio Lower Upper

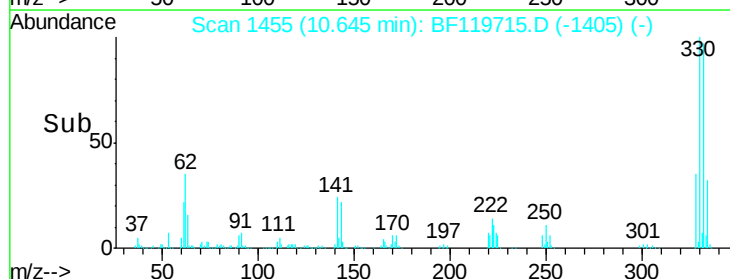
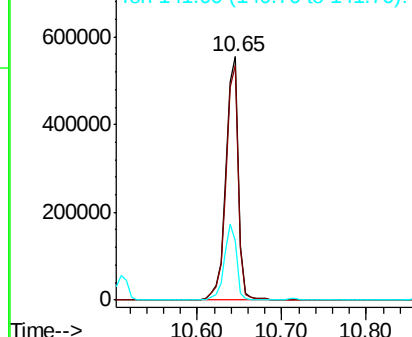
330 100

332 96.2 75.7 113.5

141 30.9 25.4 38.0



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

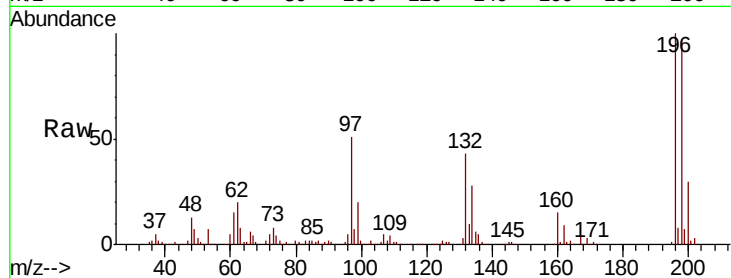




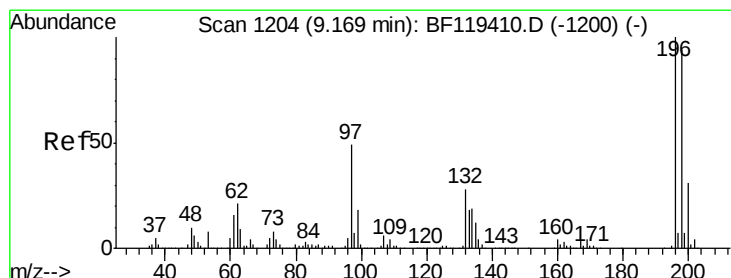
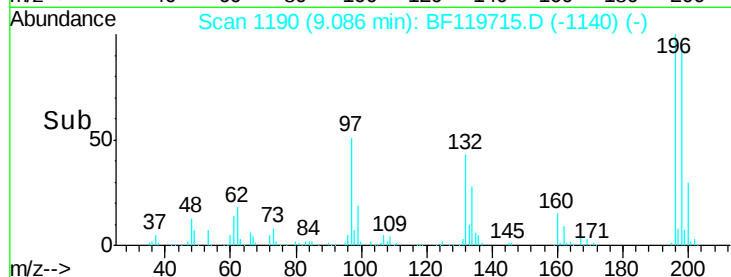
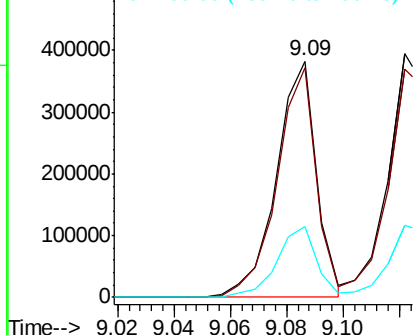
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.316 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127977BS

Tot Ion:196 Resp: 376126  
 Ion Ratio Lower Upper  
 196 100  
 198 97.0 76.6 115.0  
 200 30.0 24.6 36.8

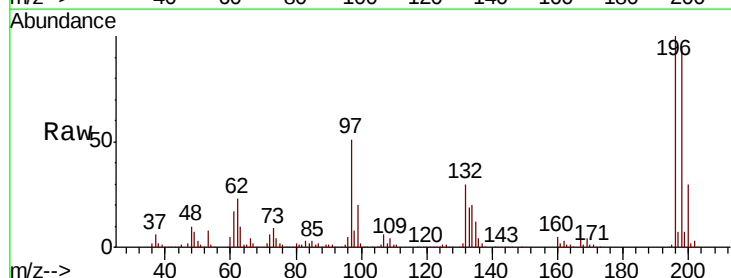


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

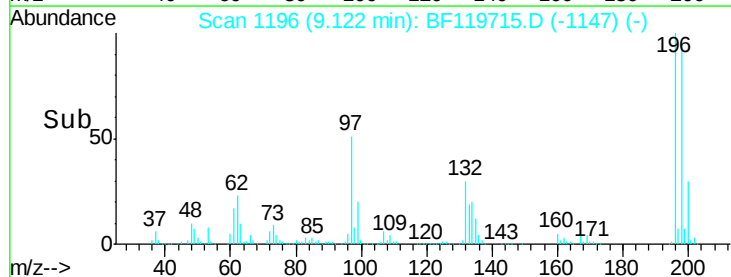
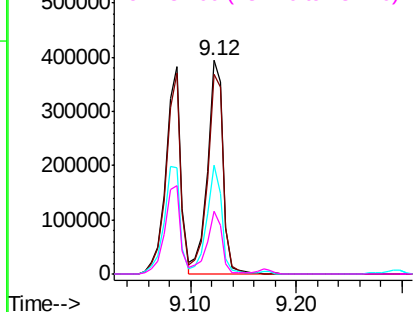


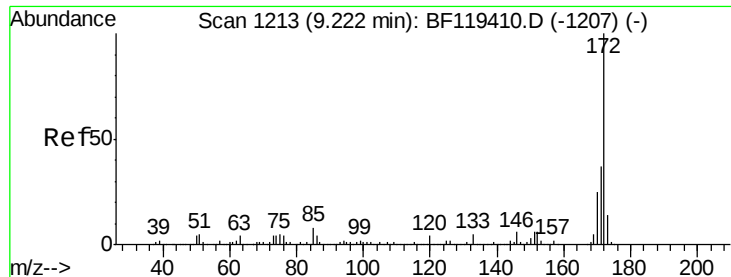
#44  
 2,4,5-Trichlorophenol  
 Concen: 40.767 ng  
 RT: 9.12 min Scan# 1196  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Tgt Ion:196 Resp: 405925  
 Ion Ratio Lower Upper  
 196 100  
 198 93.5 73.8 110.8  
 97 51.1 42.6 63.8  
 132 29.5 24.0 36.0



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



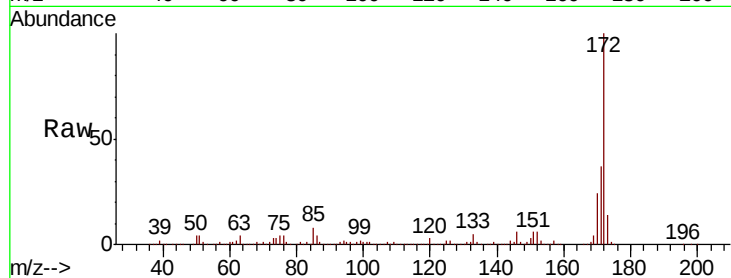


#45  
 2-Fluorobiphenyl  
 Concen: 78.734 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

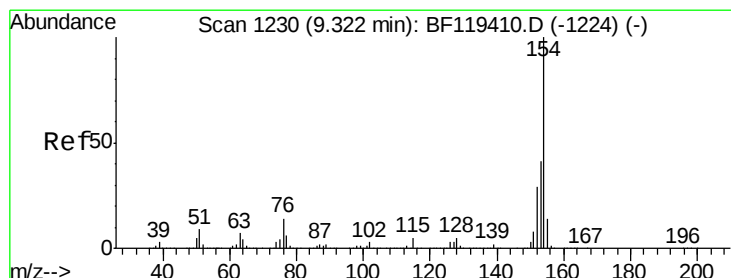
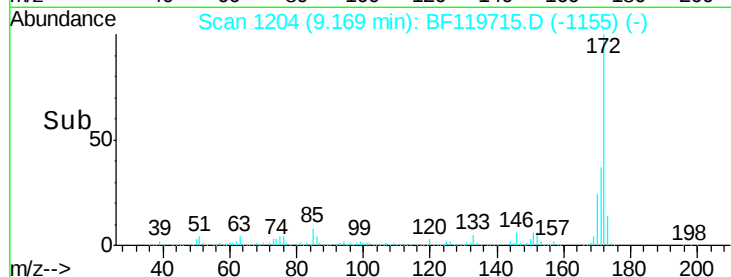
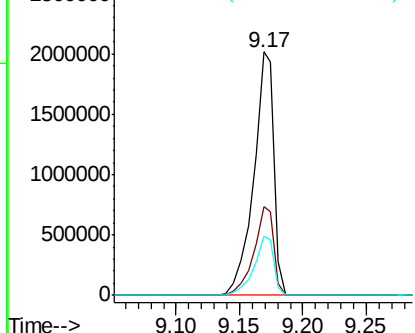
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127977BS

Tot Ion:172 Resp: 2252090  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.6  | 29.6  | 44.4  |
| 170 | 24.4  | 20.2  | 30.2  |



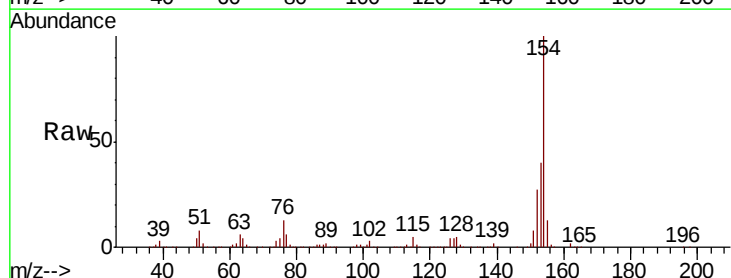
Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E



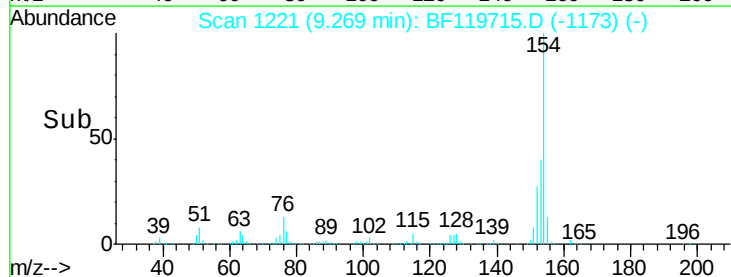
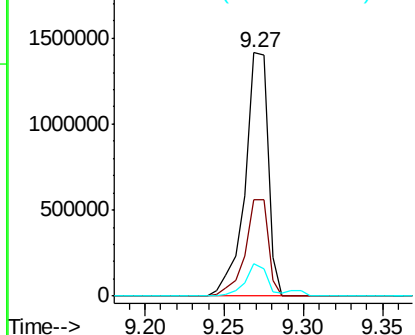
#46  
 1,1'-Biphenyl  
 Concen: 41.068 ng  
 RT: 9.27 min Scan# 1221  
 Delta R.T. -0.02 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

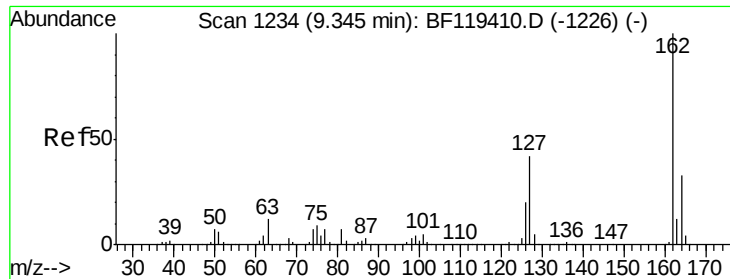
Tgt Ion:154 Resp: 1417391  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 39.9  | 21.4  | 61.4  |
| 76  | 13.2  | 0.0   | 33.0  |



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

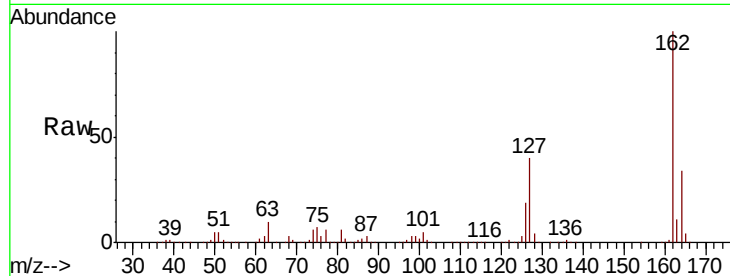




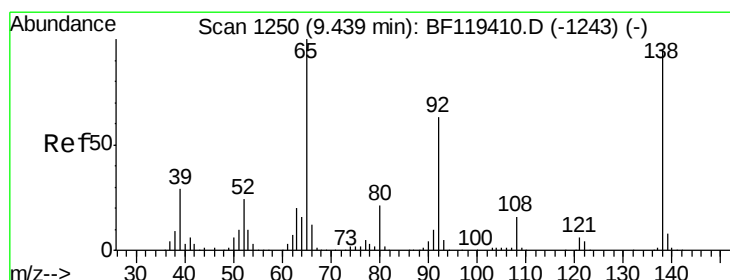
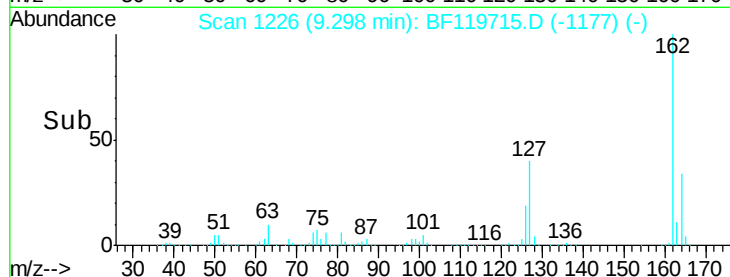
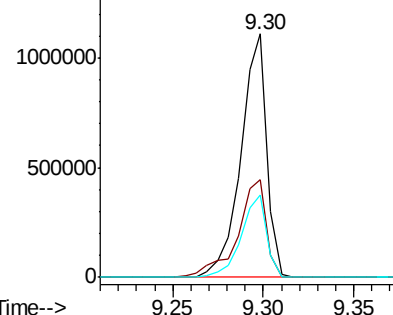
#47  
 2-Chloronaphthalene  
 Concen: 40.507 ng  
 RT: 9.30 min Scan# 1226  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB127977BS

Tot Ion:162 Resp: 1095073  
 Ion Ratio Lower Upper  
 162 100  
 127 40.0 33.7 50.5  
 164 33.7 26.3 39.5

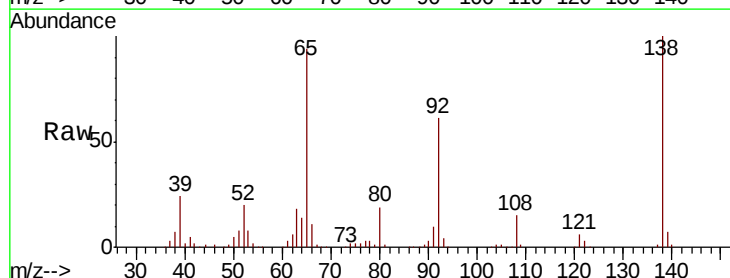


Abundance Ion 162.00 (161.70 to 162.70): E  
 1500000 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

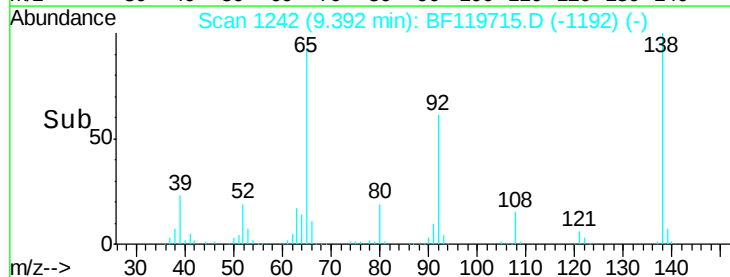
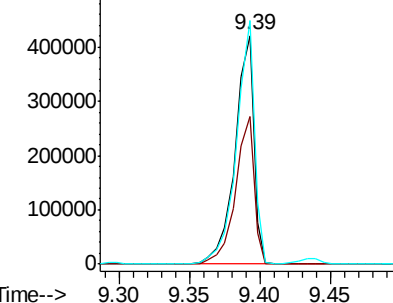


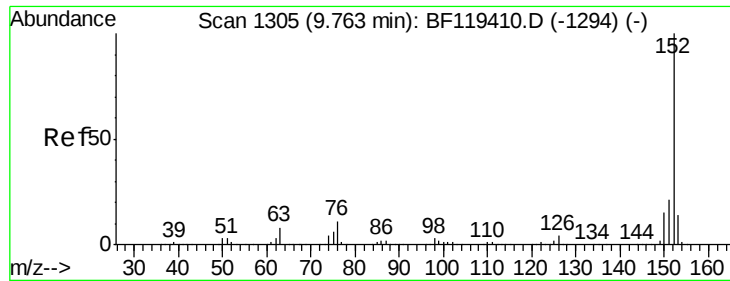
#48  
 2-Nitroaniline  
 Concen: 42.455 ng  
 RT: 9.39 min Scan# 1242  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Tgt Ion: 65 Resp: 396155  
 Ion Ratio Lower Upper  
 65 100  
 92 64.7 50.0 75.0  
 138 106.6 75.0 112.4



Abundance Ion 65.00 (64.70 to 65.70): BF1  
 600000 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.016 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

PB127977BS

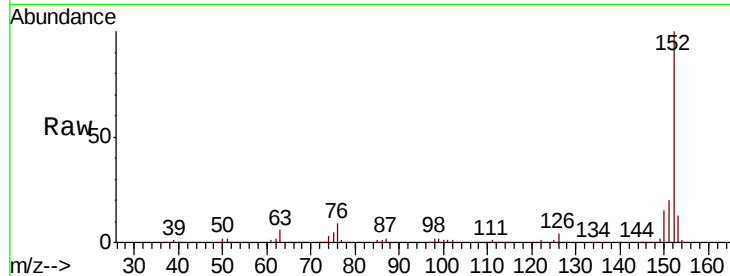
Tot Ion:152 Resp: 1741266

Ion Ratio Lower Upper

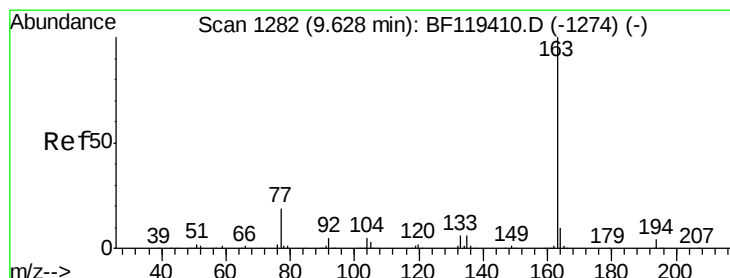
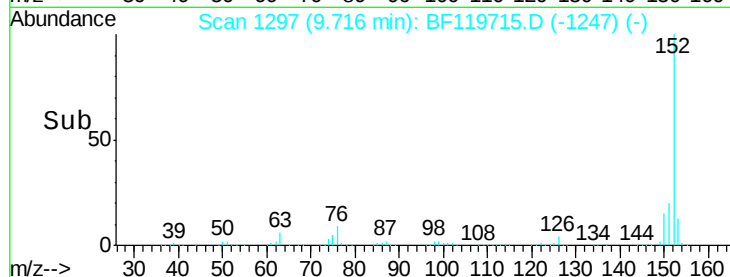
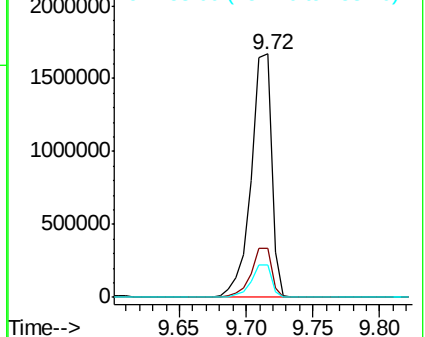
152 100

151 20.4 17.2 25.8

153 13.3 11.2 16.8



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



#50

Dimethylphthalate

Concen: 41.867 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

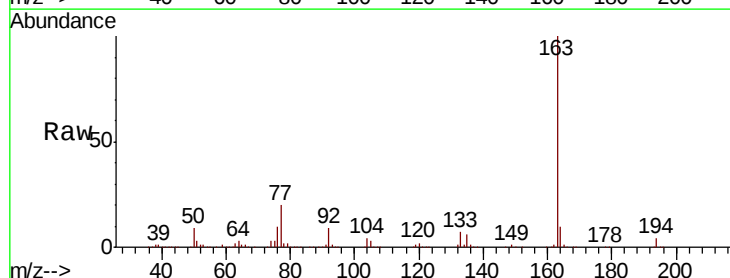
Tgt Ion:163 Resp: 1260170

Ion Ratio Lower Upper

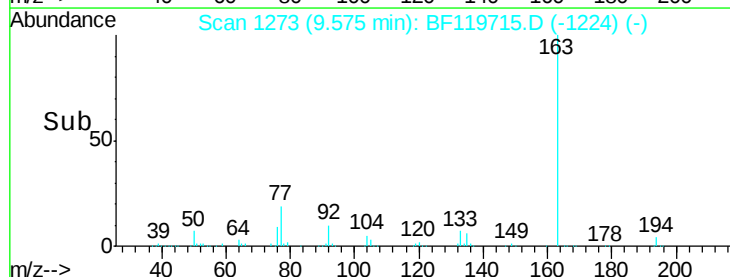
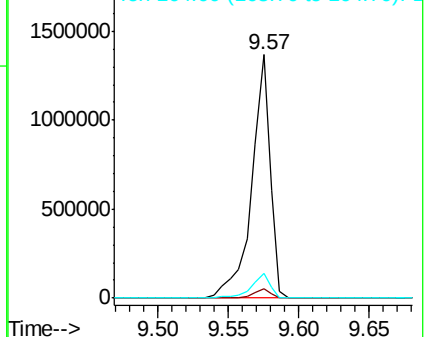
163 100

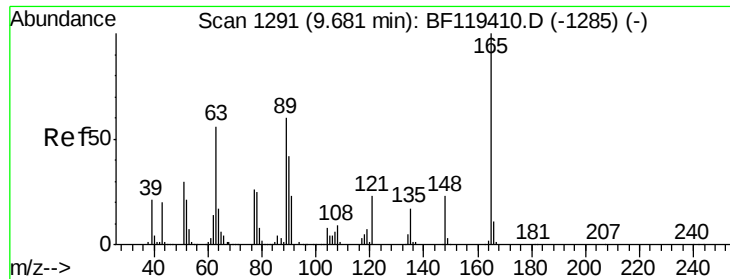
194 4.0 3.1 4.7

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

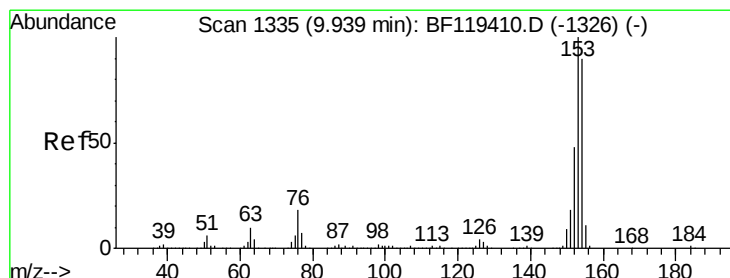
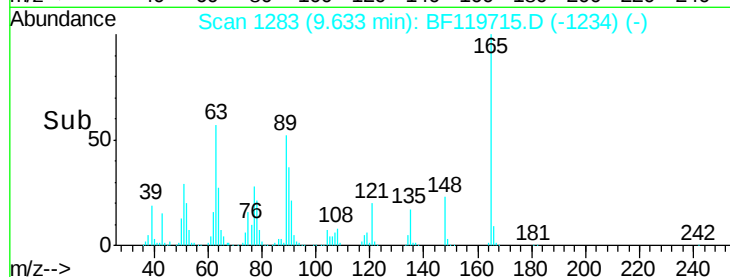
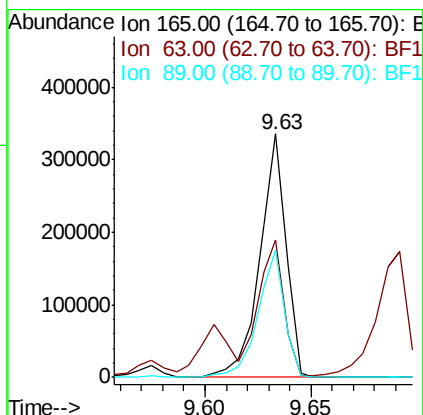
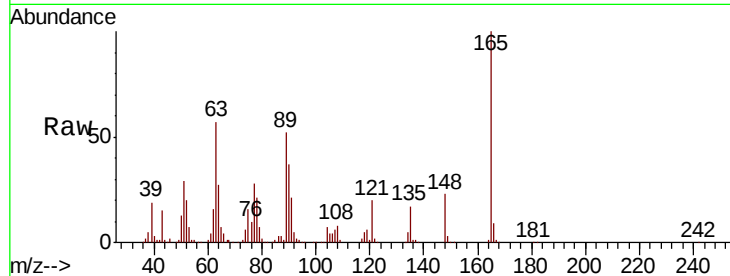




#51  
2,6-Dinitrotoluene  
Concen: 45.086 ng  
RT: 9.63 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

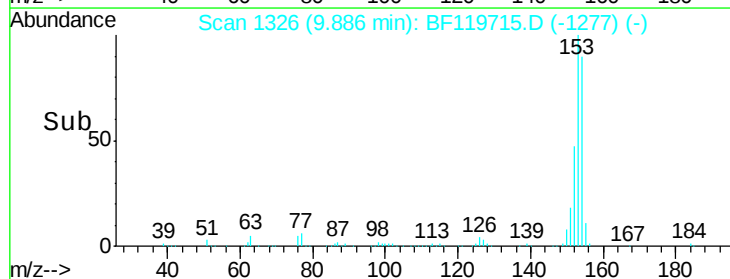
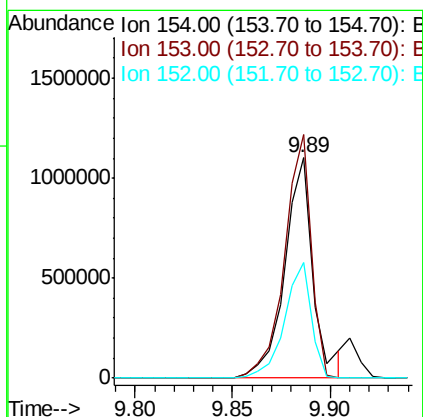
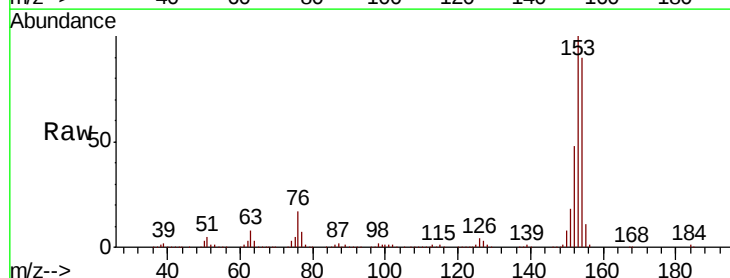
Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

Tot Ion:165 Resp: 290878  
Ion Ratio Lower Upper  
165 100  
63 56.6 45.0 67.4  
89 52.4 41.5 62.3



#52  
Acenaphthene  
Concen: 41.823 ng  
RT: 9.89 min Scan# 1326  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Tgt Ion:154 Resp: 1106886  
Ion Ratio Lower Upper  
154 100  
153 110.7 88.1 132.1  
152 52.8 43.0 64.4

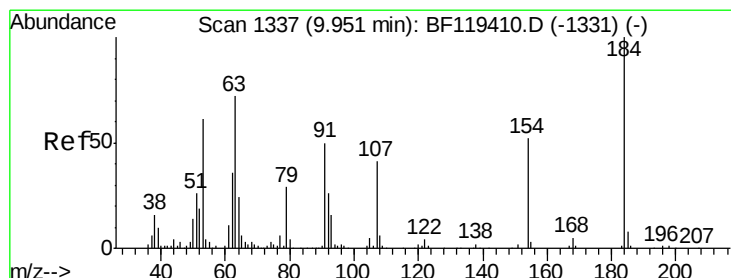
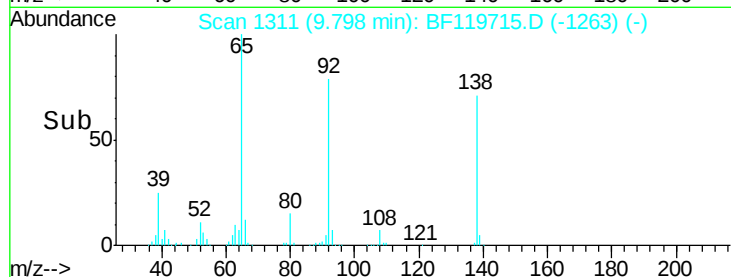
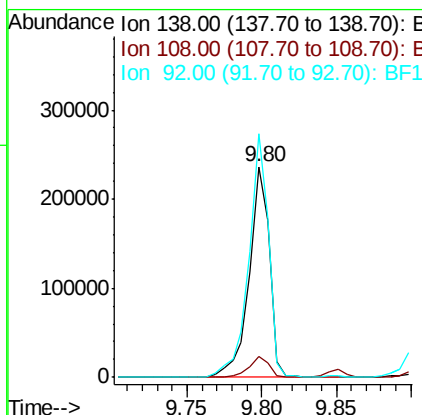
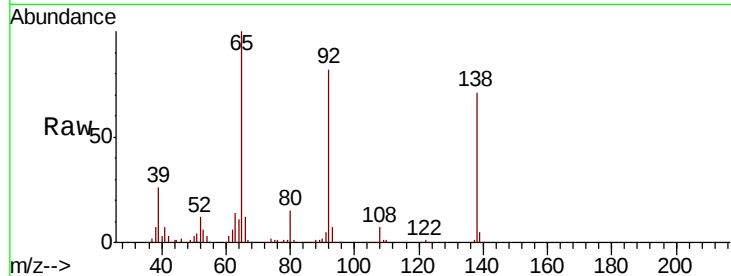




#53  
3-Nitroaniline  
Concen: 27.153 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. -0.02 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

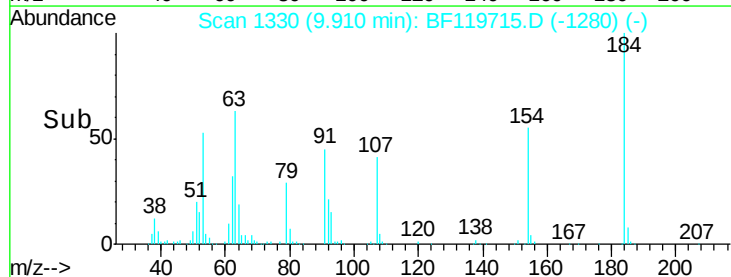
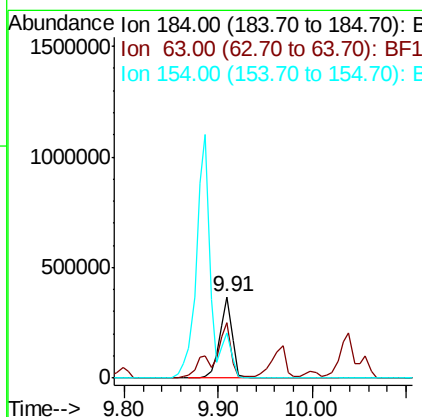
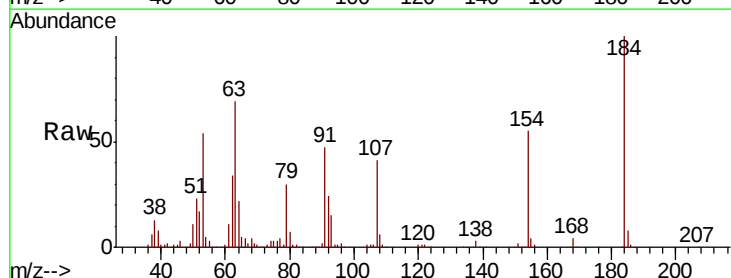
Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

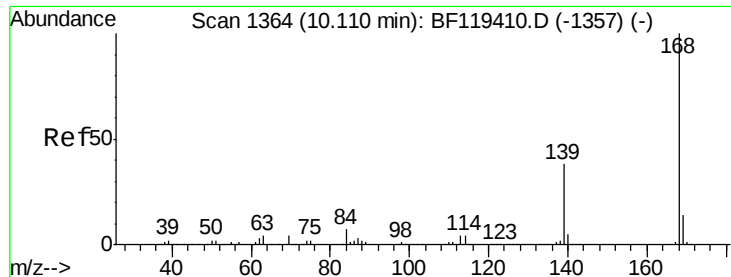
Tot Ion:138 Resp: 221161  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.6 13.0  
92 115.7 95.4 143.0



#54  
2,4-Dinitrophenol  
Concen: 119.430 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Tgt Ion:184 Resp: 344414  
Ion Ratio Lower Upper  
184 100  
63 68.5 50.2 75.4  
154 55.0 44.5 66.7

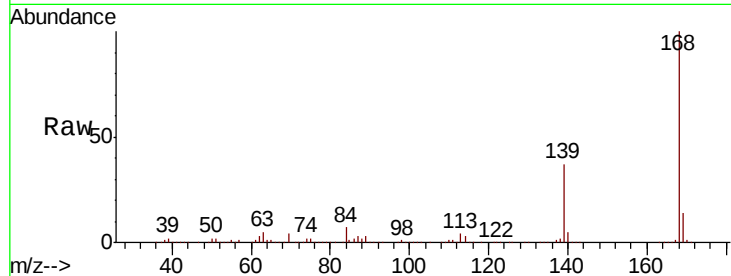




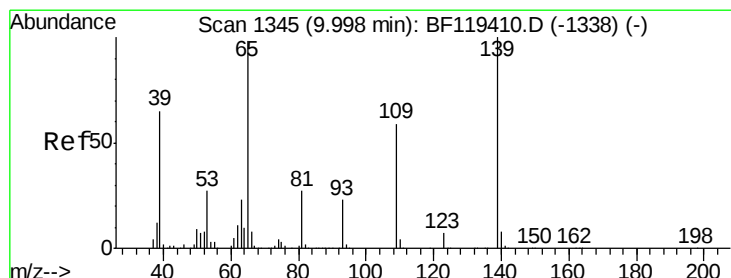
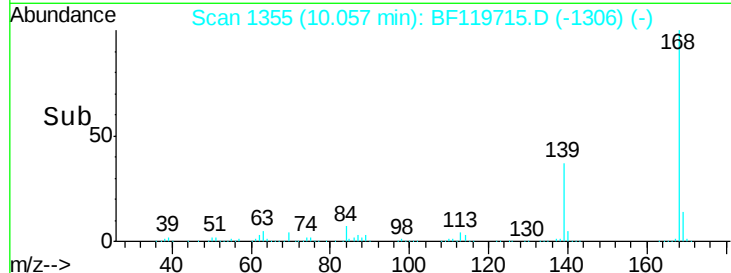
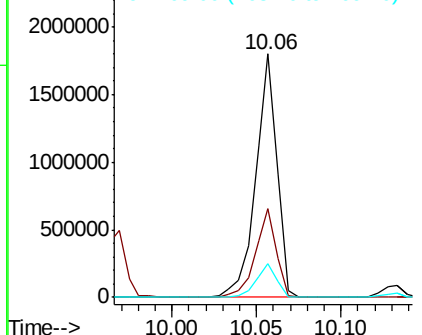
#55  
Dibenzenofuran  
Concen: 41.492 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

Tot Ion:168 Resp: 1574452  
Ion Ratio Lower Upper  
168 100  
139 36.6 30.1 45.1  
169 13.6 11.0 16.6

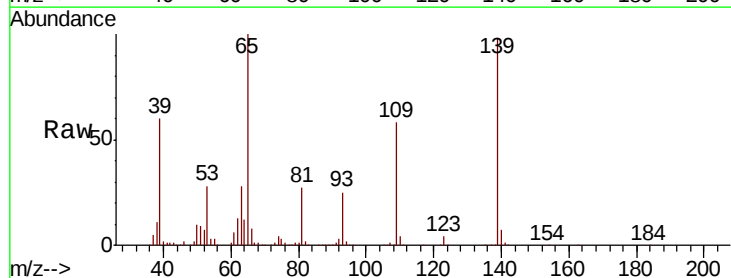


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

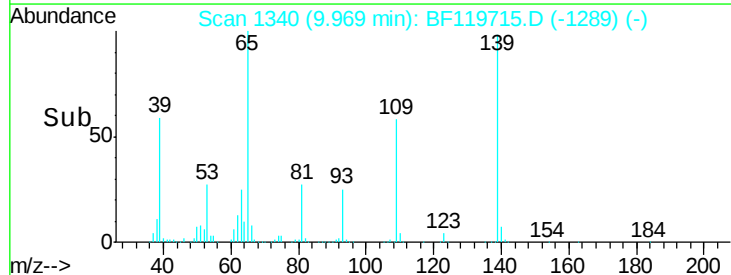
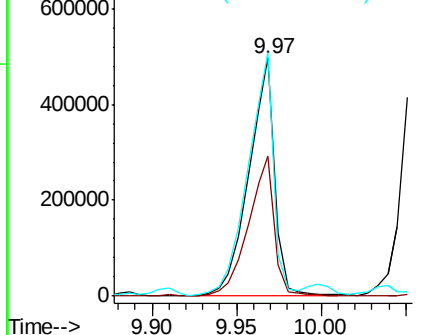


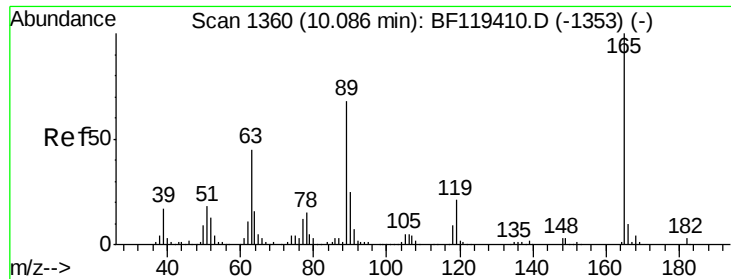
#56  
4-Nitrophenol  
Concen: 82.640 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Tgt Ion:139 Resp: 530999  
Ion Ratio Lower Upper  
139 100  
109 58.9 43.3 83.3  
65 102.2 91.0 131.0



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

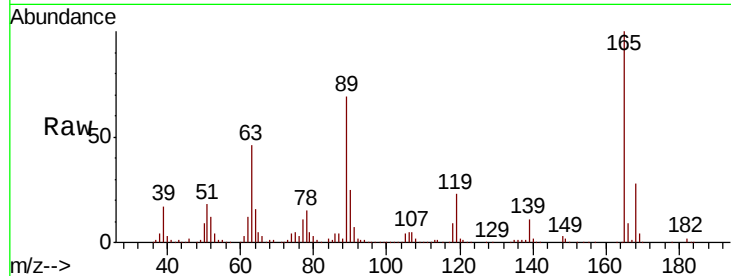




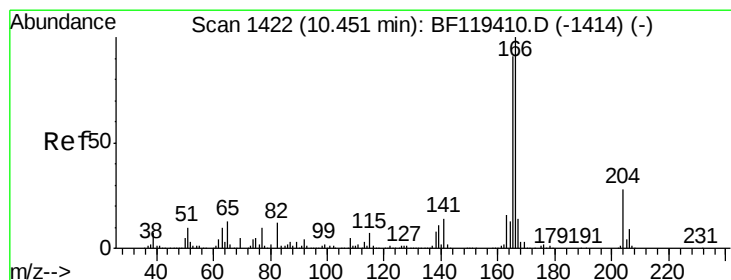
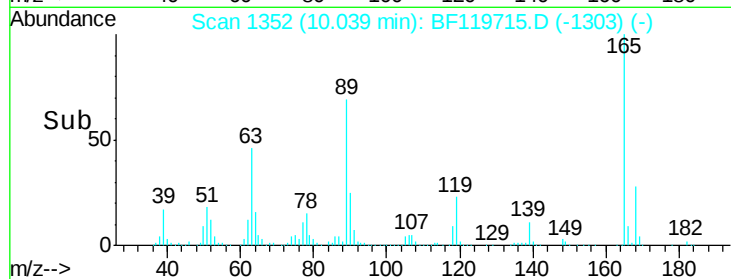
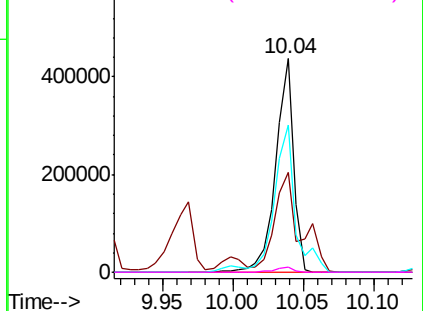
#57  
2,4-Dinitrotoluene  
Concen: 48.006 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 390165 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 46.5  | 42.6  | 64.0   |
| 89       | 68.9  | 61.0  | 91.4   |
| 182      | 2.4   | 2.2   | 3.2    |

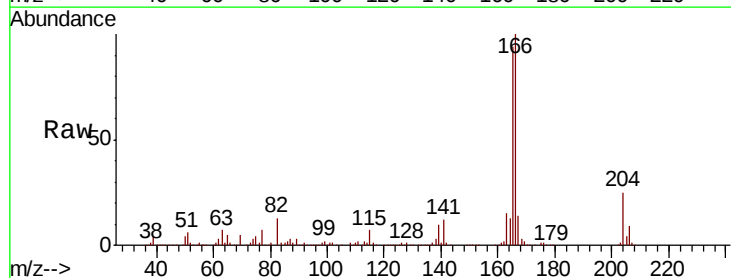


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

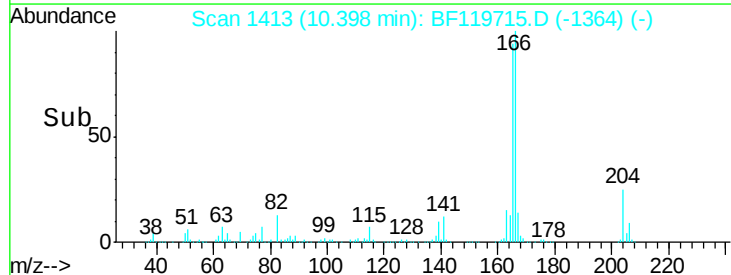
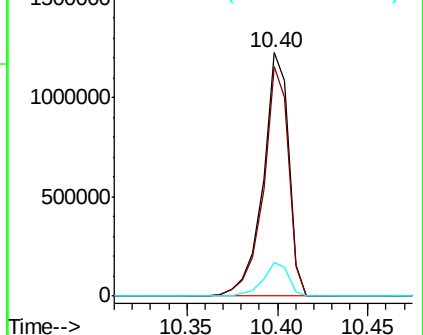


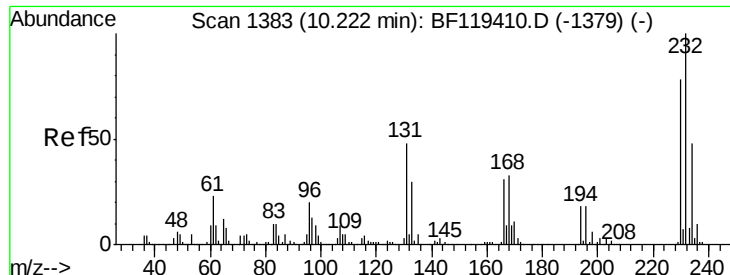
#58  
Fluorene  
Concen: 42.933 ng  
RT: 10.40 min Scan# 1413  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 1204715 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 94.1  | 75.4  | 113.2   |
| 167      | 14.0  | 11.2  | 16.8    |



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

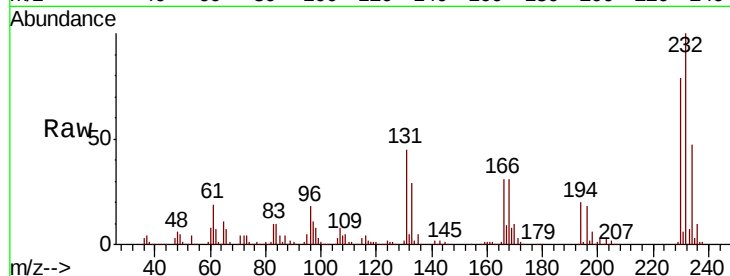




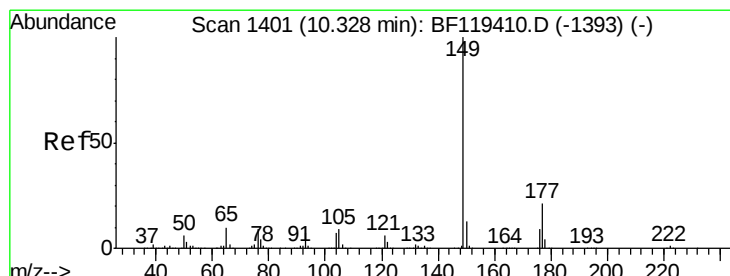
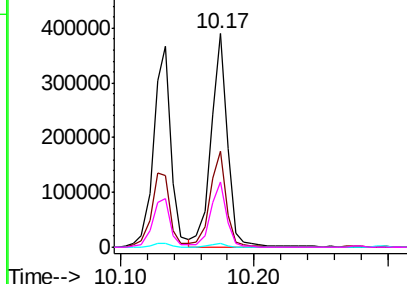
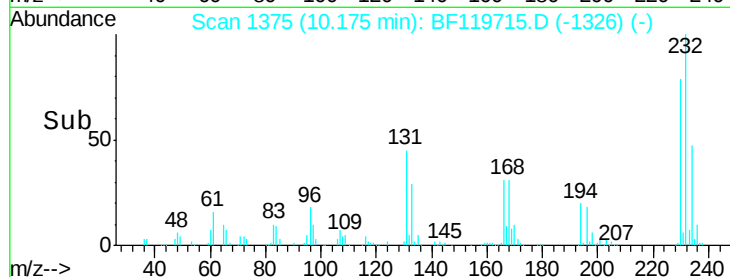
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.241 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127977BS

Tot Ion:232 Resp: 336719  
 Ion Ratio Lower Upper  
 232 100  
 131 44.7 37.5 56.3  
 130 2.0 1.8 2.6  
 166 30.5 24.6 36.8

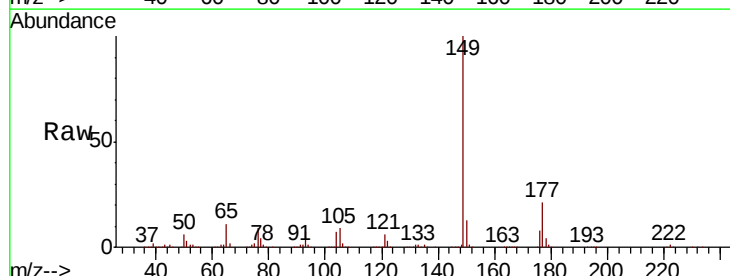


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

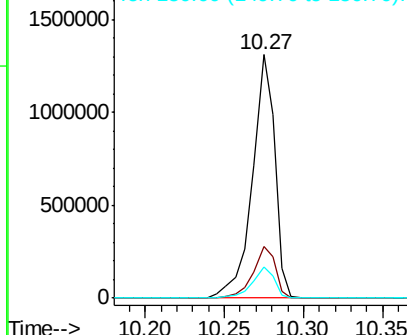
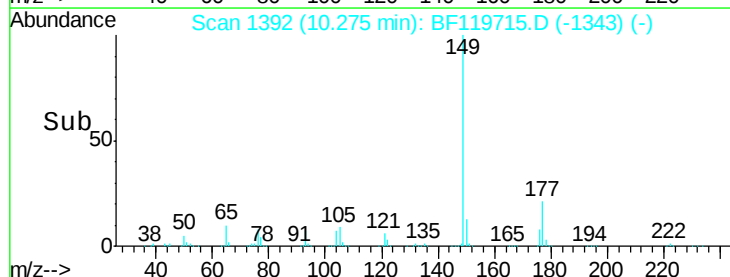


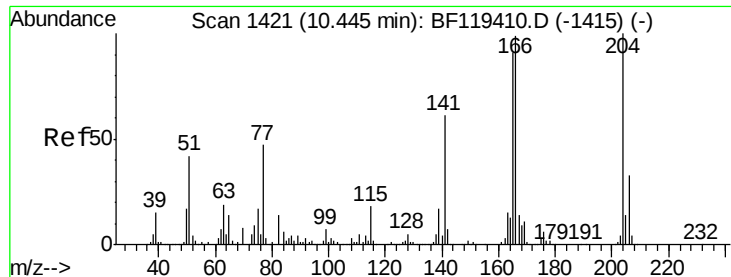
#60  
 Diethylphthalate  
 Concen: 42.186 ng  
 RT: 10.27 min Scan# 1392  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Tgt Ion:149 Resp: 1288740  
 Ion Ratio Lower Upper  
 149 100  
 177 21.2 17.0 25.6  
 150 12.7 10.1 15.1



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

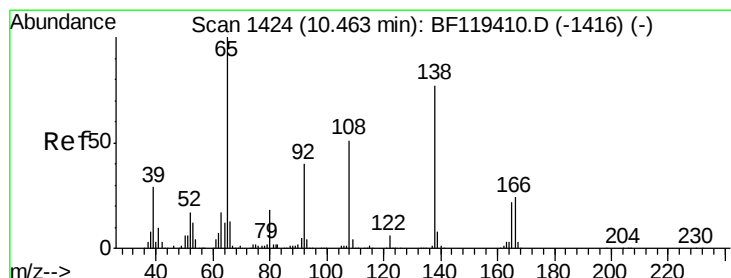
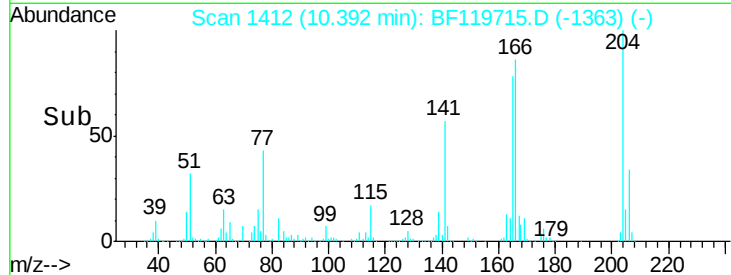
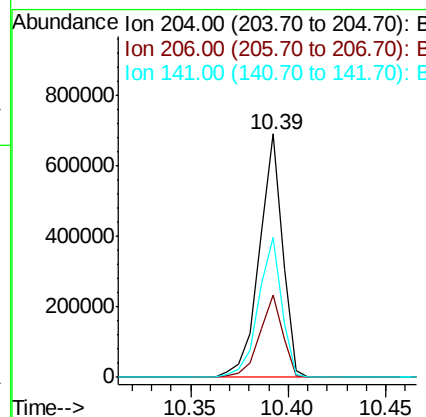
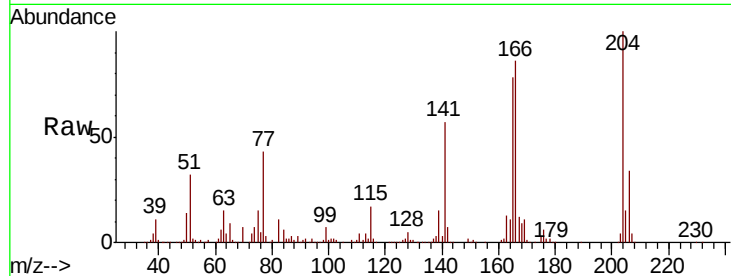




#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.364 ng  
 RT: 10.39 min Scan# 1412  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

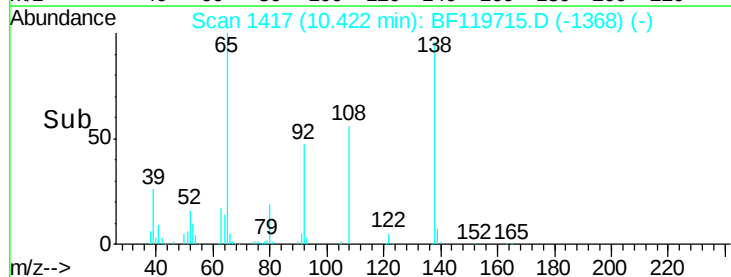
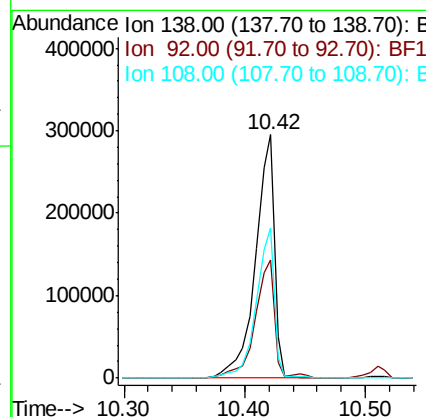
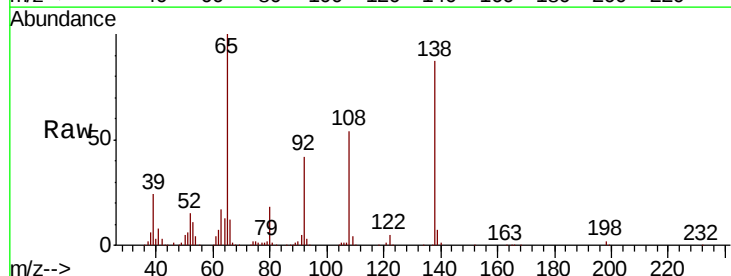
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127977BS

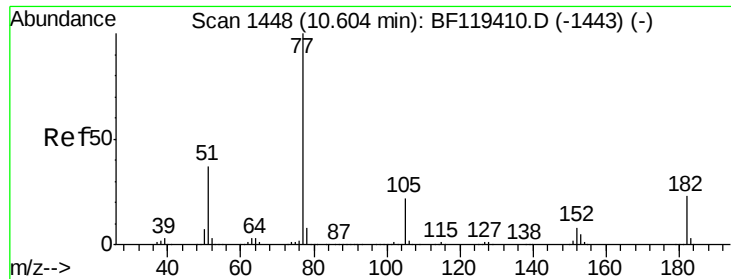
| Tot Ion: | 204   | Resp: | 567597 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 34.0  | 26.7  | 40.1   |
| 141      | 57.4  | 47.3  | 70.9   |



#62  
 4-Nitroaniline  
 Concen: 41.789 ng  
 RT: 10.42 min Scan# 1417  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

| Tgt Ion: | 138   | Resp: | 326401 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 48.7  | 31.5  | 71.5   |
| 108      | 61.5  | 45.8  | 85.8   |





#63

Azobenzene

Concen: 40.434 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

PB127977BS

Tot Ion: 77 Resp: 1243883

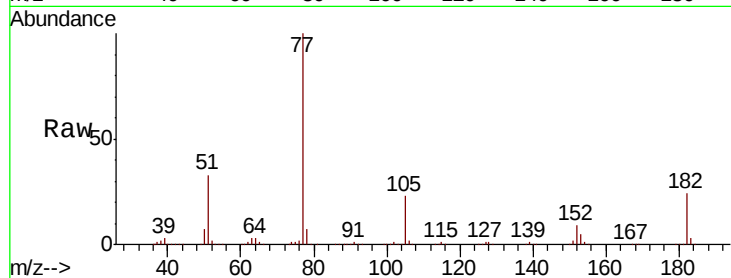
Ion Ratio Lower Upper

77 100

182 23.9 4.4 44.4

105 22.8 2.6 42.6

51 32.7 15.1 55.1

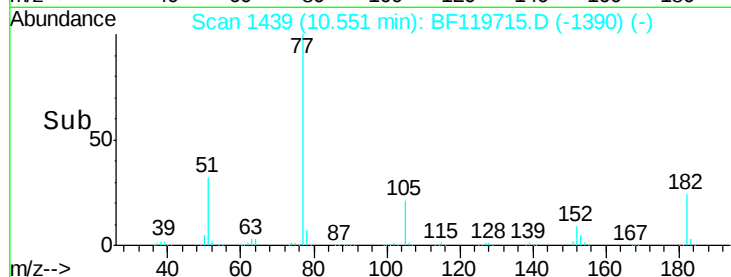


Abundance Ion 77.00 (76.70 to 77.70): BF1

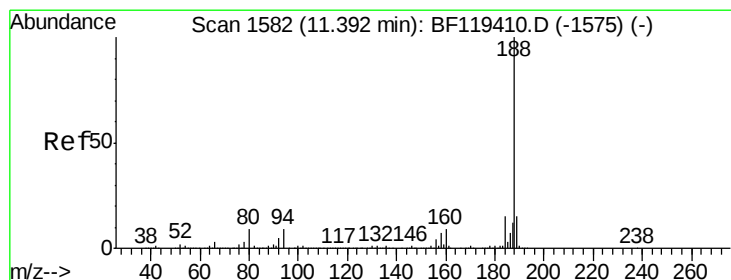
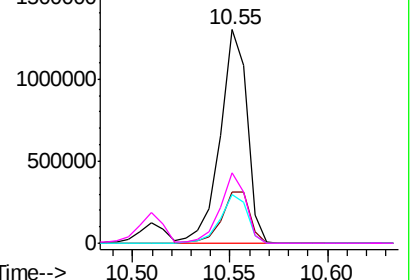
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

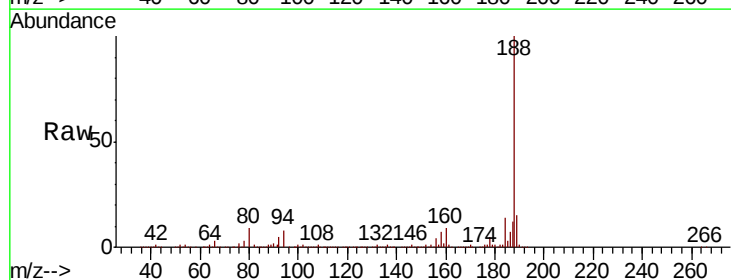
Tgt Ion: 188 Resp: 817550

Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

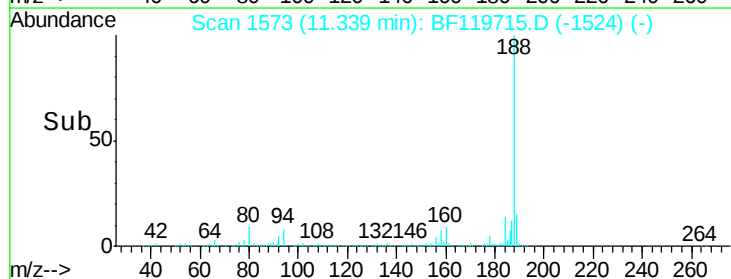
80 9.5 9.0 13.4



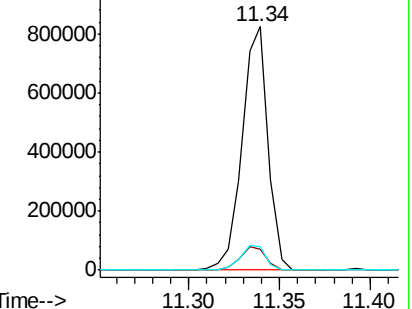
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

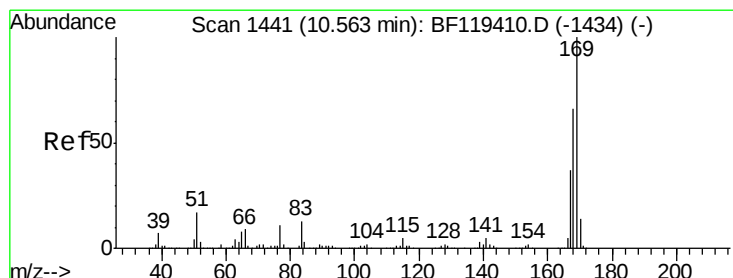
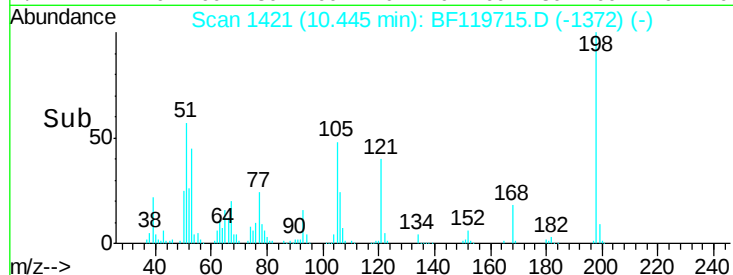
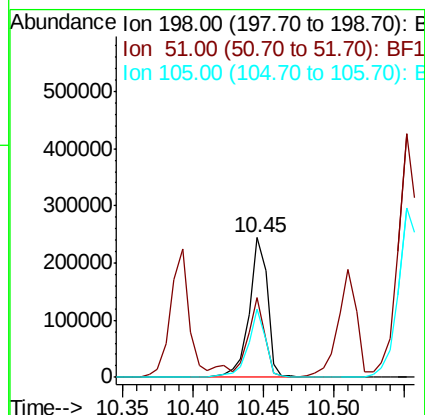
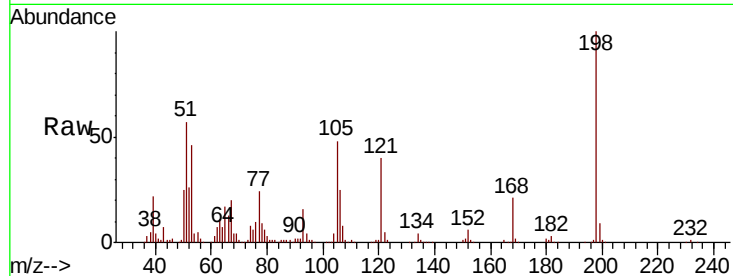




#65  
4,6-Dinitro-2-methylphenol  
Concen: 64.717 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

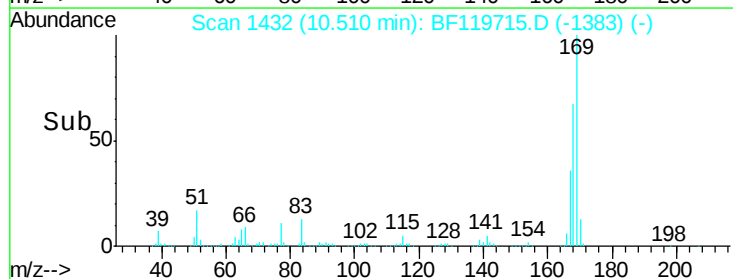
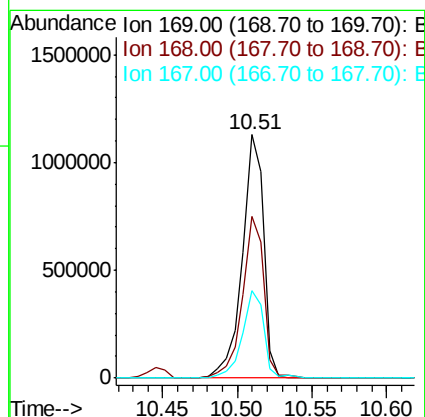
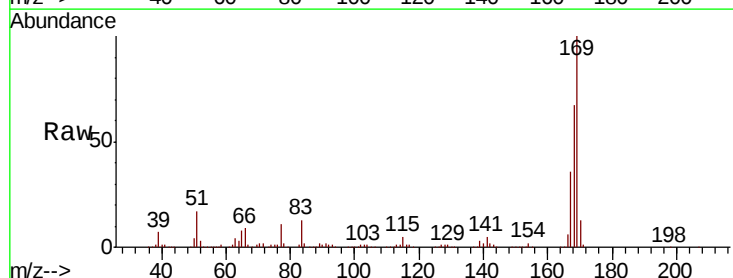
Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

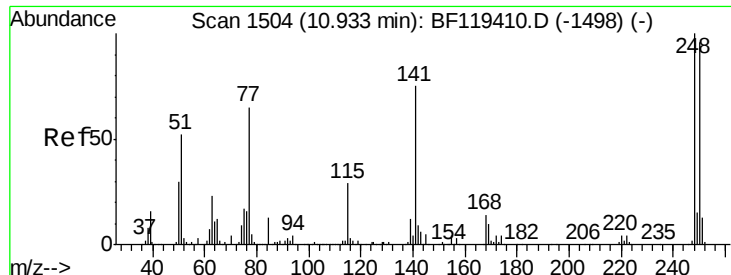
Tot Ion:198 Resp: 221862  
Ion Ratio Lower Upper  
198 100  
51 57.4 29.0 69.0  
105 48.5 22.2 62.2



#66  
n-Nitrosodiphenylamine  
Concen: 41.671 ng  
RT: 10.51 min Scan# 1432  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Tgt Ion:169 Resp: 1118399  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.2 79.8  
167 36.1 29.1 43.7

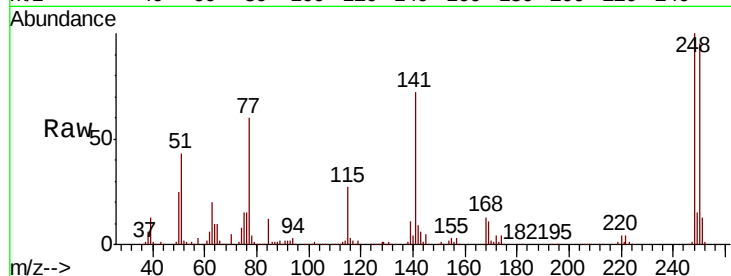




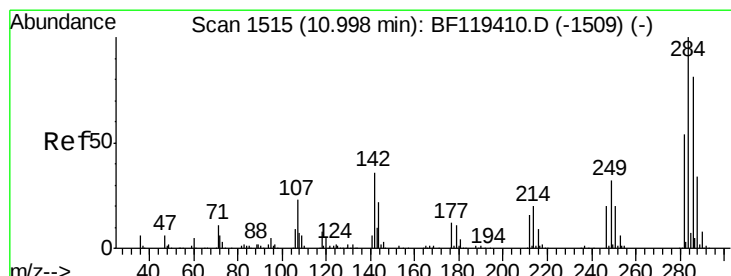
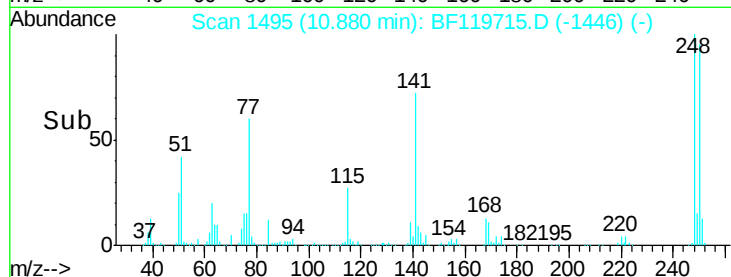
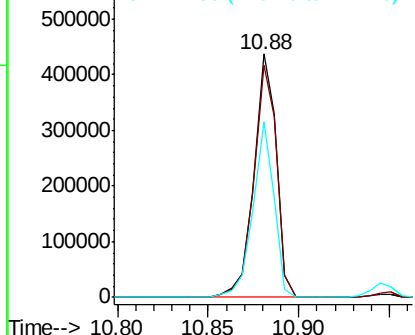
#67  
 4-Bromophenyl-phenylether  
 Concen: 40.235 ng  
 RT: 10.88 min Scan# 1495  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127977BS

Tot Ion:248 Resp: 374622  
 Ion Ratio Lower Upper  
 248 100  
 250 95.3 77.3 115.9  
 141 72.1 58.6 87.8

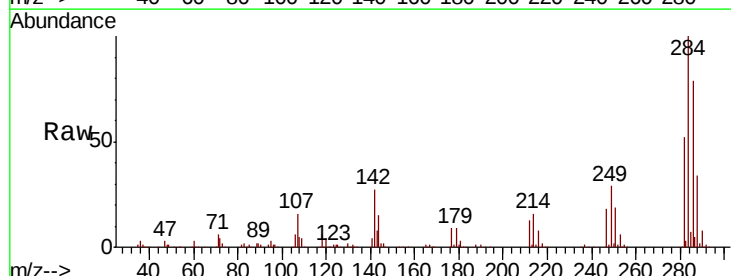


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

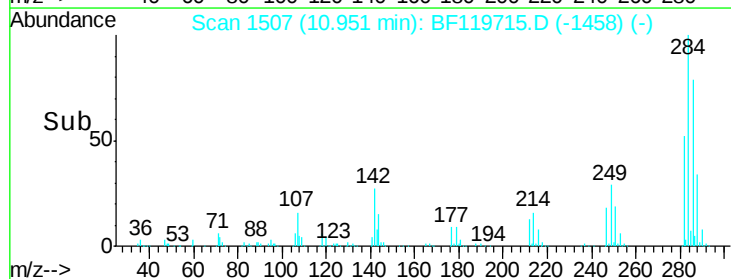
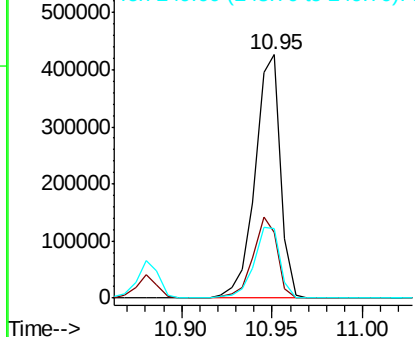


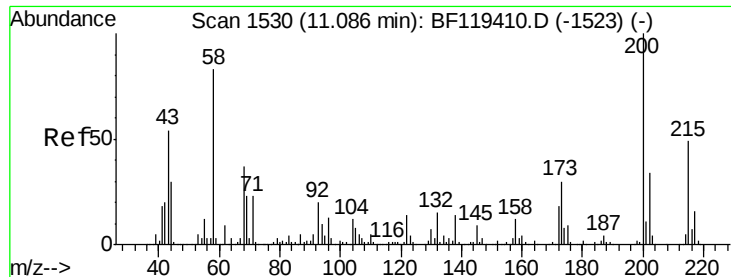
#68  
 Hexachlorobenzene  
 Concen: 43.381 ng  
 RT: 10.95 min Scan# 1507  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Tgt Ion:284 Resp: 413401  
 Ion Ratio Lower Upper  
 284 100  
 142 27.0 29.2 43.8#  
 249 28.6 25.1 37.7



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

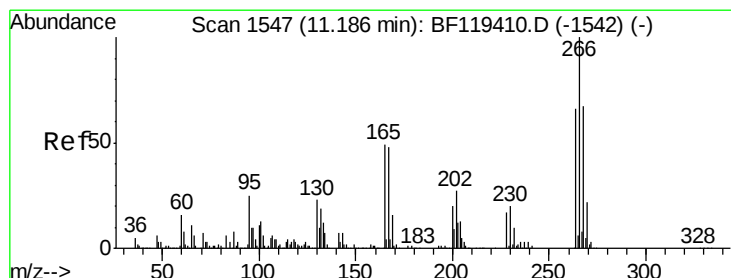
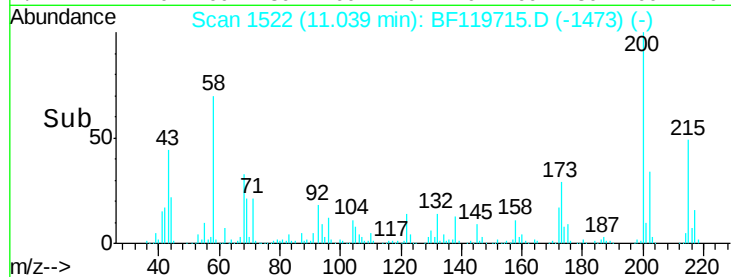
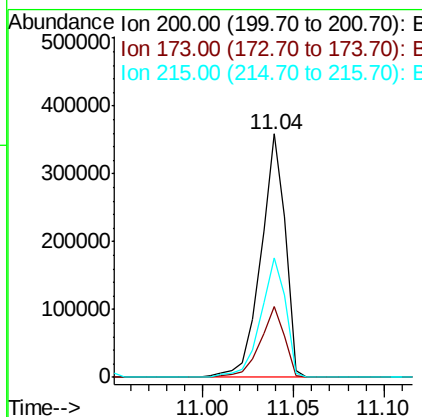
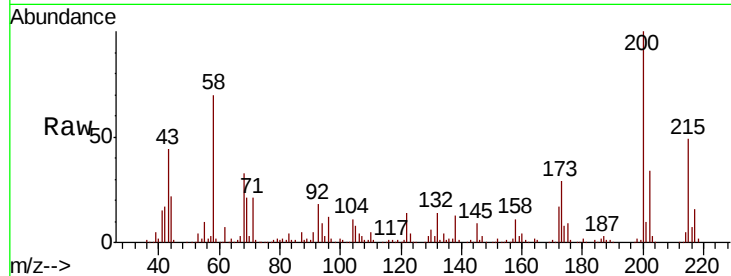




#69  
Atrazine  
Concen: 45.659 ng  
RT: 11.04 min Scan# 1522  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

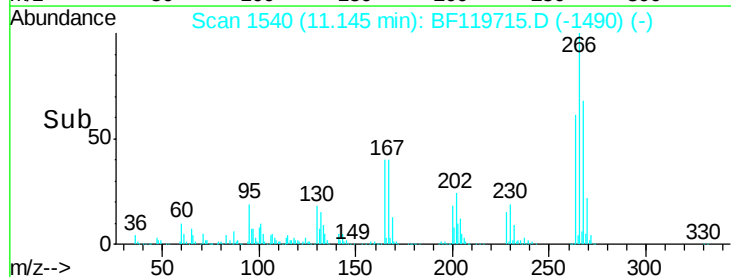
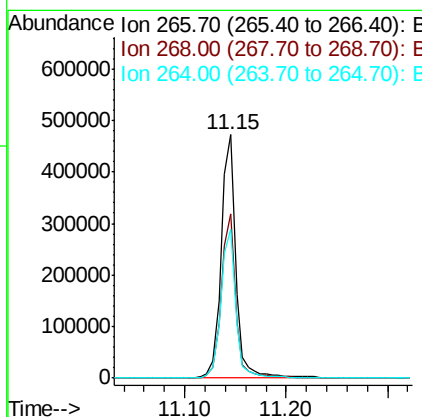
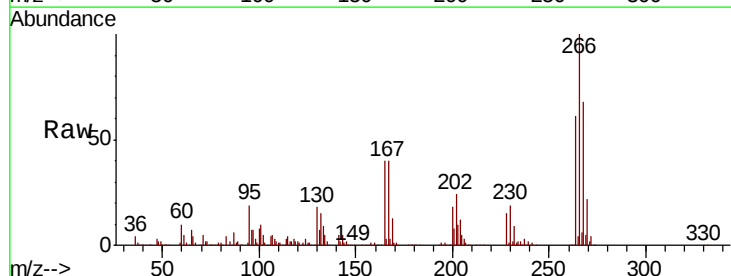
Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

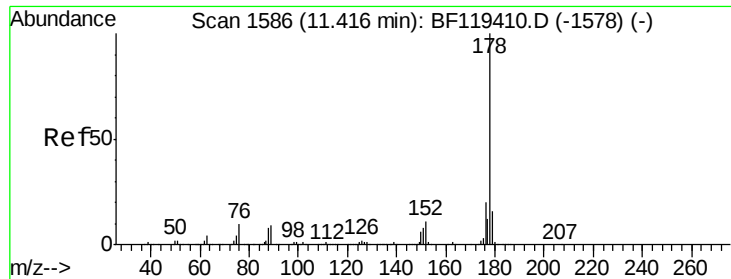
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.3  | 9.3   | 49.3  |
| 215     | 48.9  | 29.5  | 69.5  |



#70  
Pentachlorophenol  
Concen: 85.135 ng  
RT: 11.15 min Scan# 1540  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 67.6  | 53.3  | 79.9  |
| 264     | 61.2  | 49.0  | 73.4  |

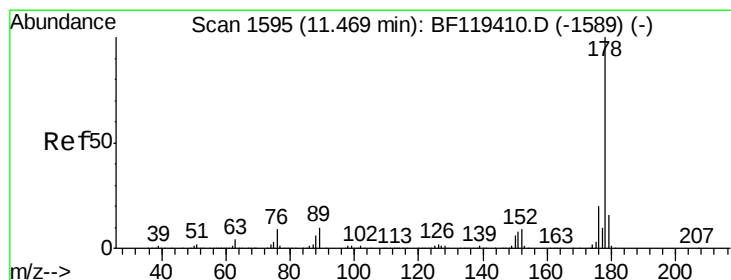
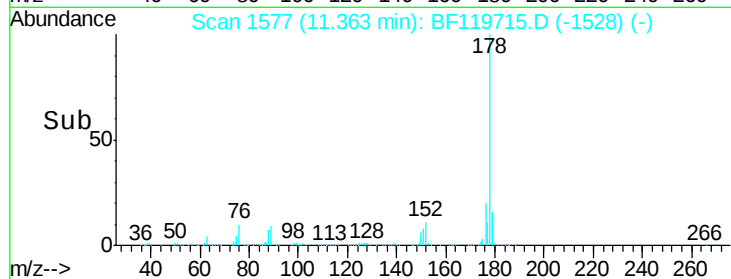
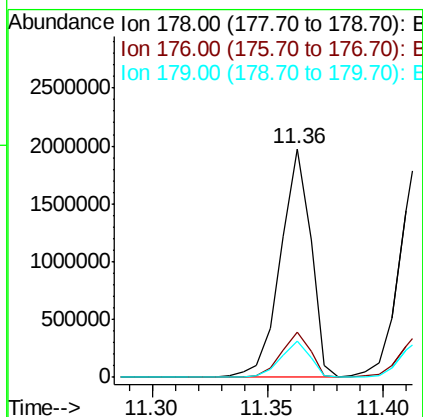
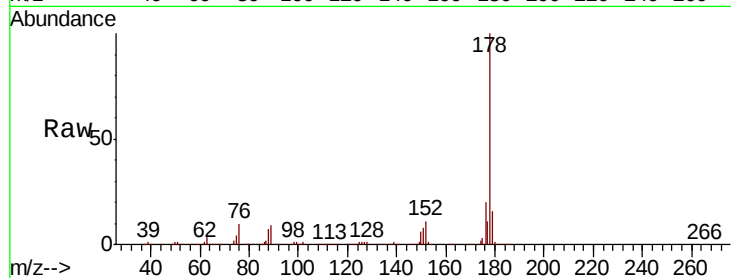




#71  
Phenanthrene  
Concen: 42.270 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

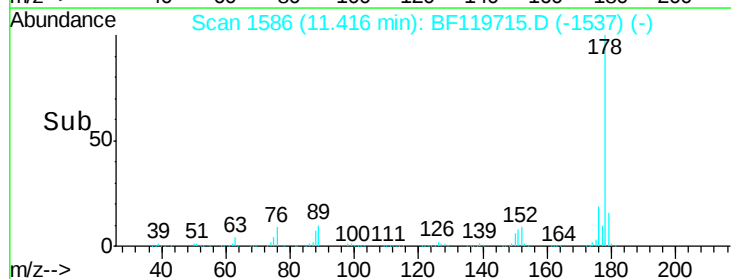
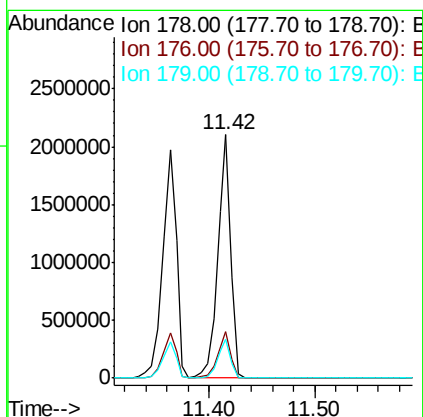
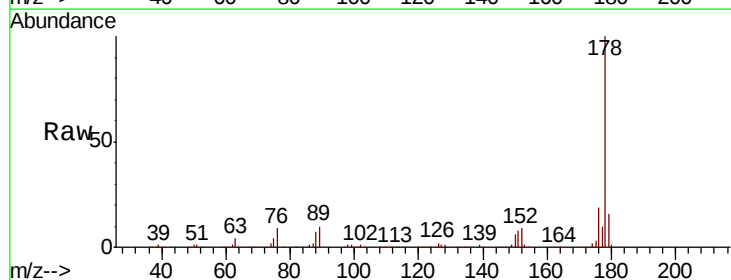
Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

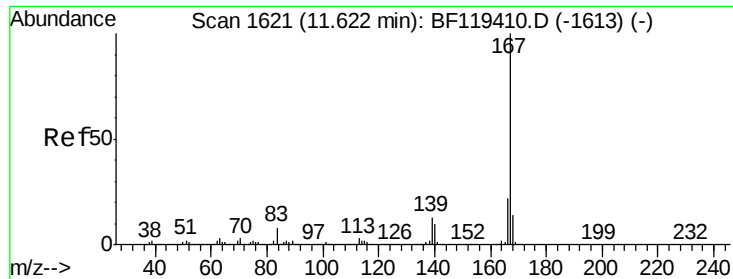
Tot Ion:178 Resp: 1791914  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.2 24.4  
179 15.7 13.2 19.8



#72  
Anthracene  
Concen: 42.336 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Tgt Ion:178 Resp: 1824031  
Ion Ratio Lower Upper  
178 100  
176 19.2 16.1 24.1  
179 15.9 13.0 19.4

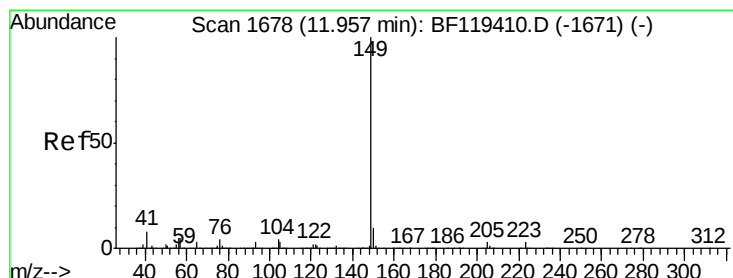
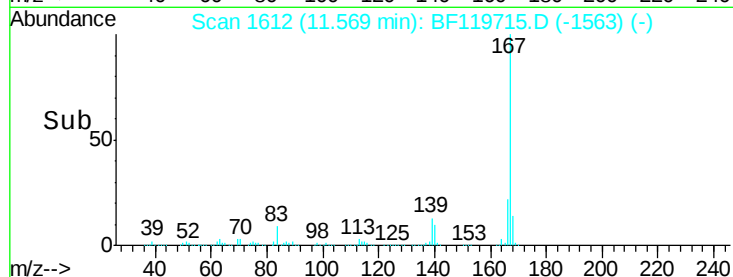
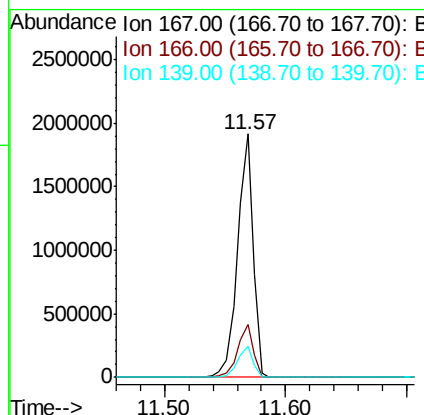
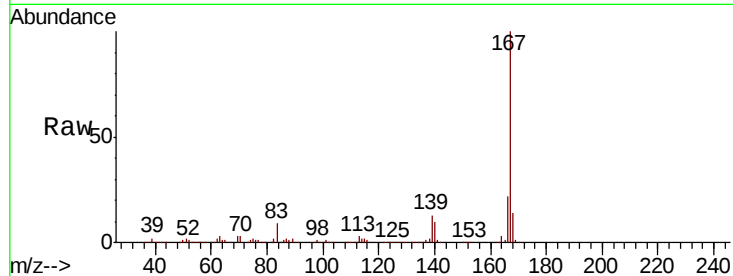




#73  
 Carbazole  
 Concen: 40.677 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

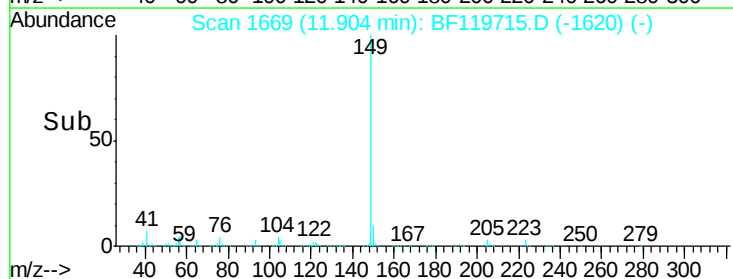
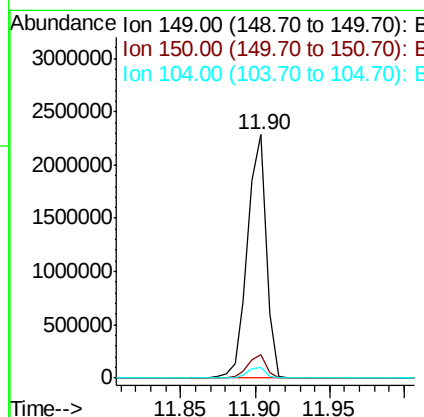
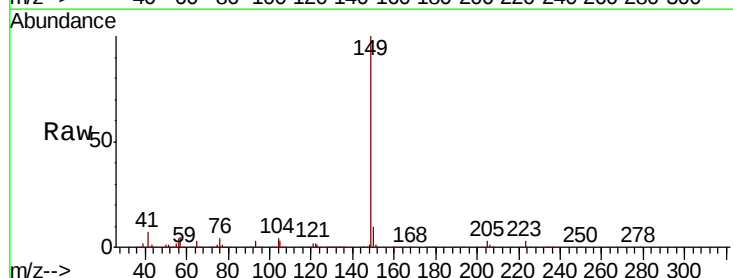
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127977BS

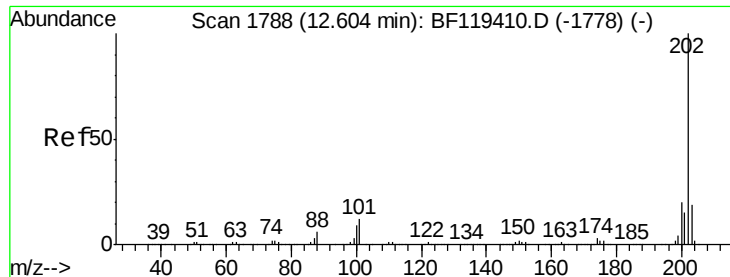
Tot Ion:167 Resp: 1734691  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 18.2 27.4  
 139 12.8 10.7 16.1



#74  
 Di-n-butylphthalate  
 Concen: 43.813 ng  
 RT: 11.90 min Scan# 1669  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Tgt Ion:149 Resp: 1998737  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.8 11.8  
 104 4.4 3.6 5.4

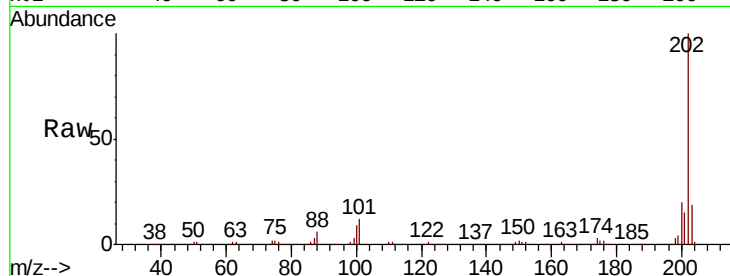




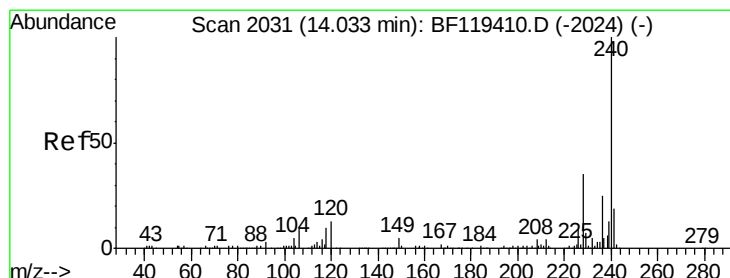
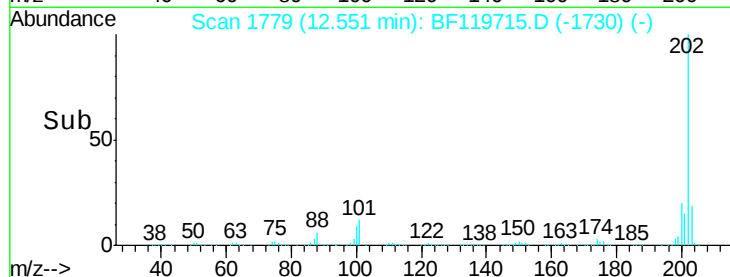
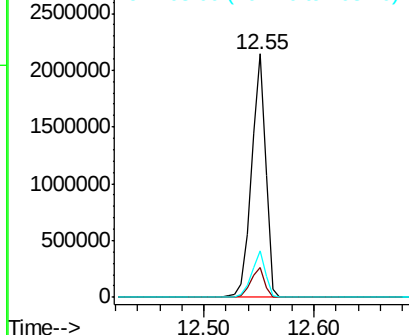
#75  
 Fluoranthene  
 Concen: 42.107 ng  
 RT: 12.55 min Scan# 1779  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127977BS

Tot Ion:202 Resp: 1931820  
 Ion Ratio Lower Upper  
 202 100  
 101 12.2 0.0 32.2  
 203 18.9 0.0 38.8

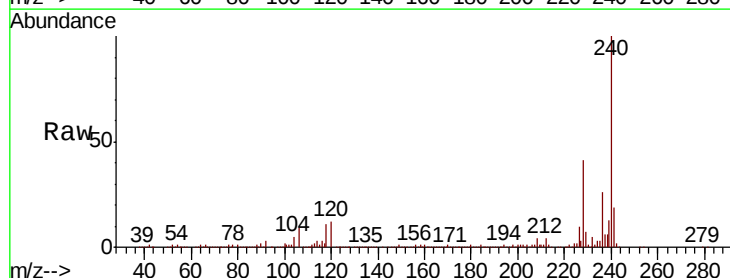


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

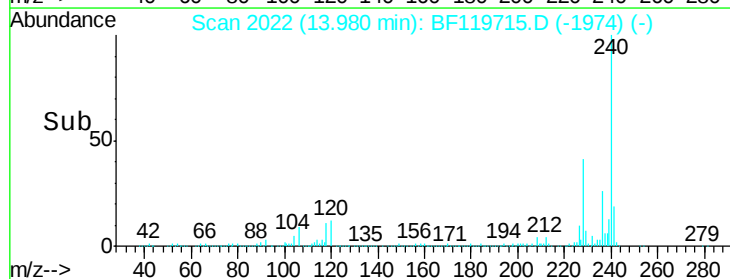
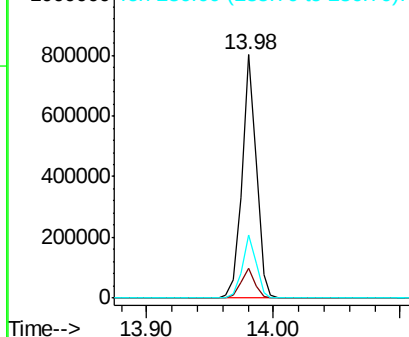


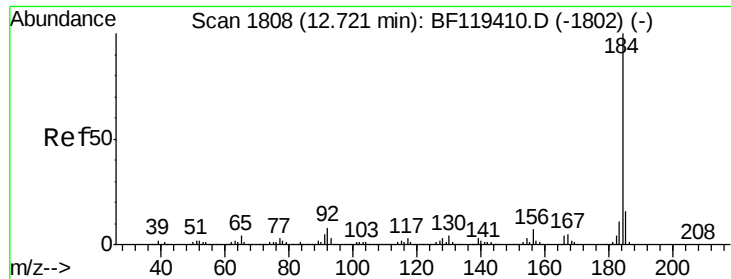
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.98 min Scan# 2022  
 Delta R.T. -0.02 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Tgt Ion:240 Resp: 616078  
 Ion Ratio Lower Upper  
 240 100  
 120 12.1 10.6 15.8  
 236 26.1 20.2 30.2



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: 36.904 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

PB127977BS

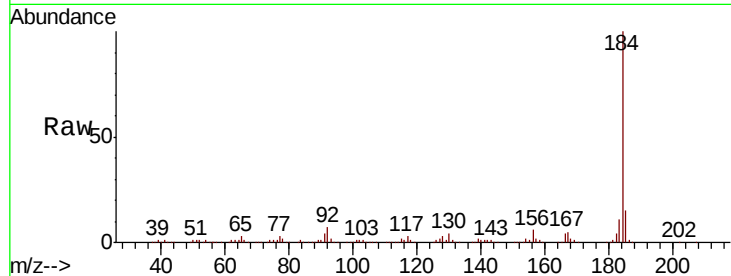
Tot Ion:184 Resp: 962192

Ion Ratio Lower Upper

184 100

185 14.7 12.3 18.5

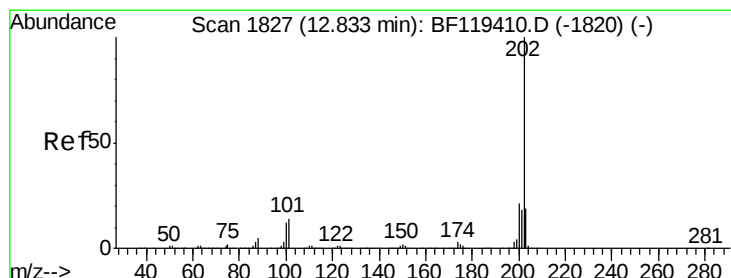
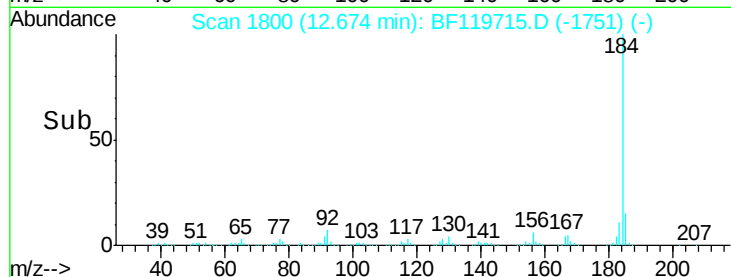
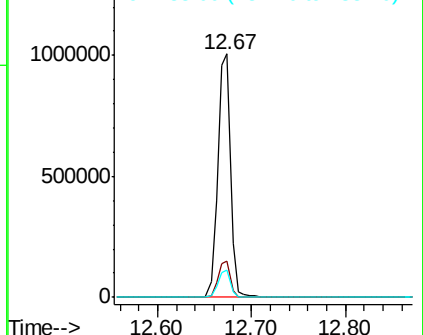
183 11.1 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.320 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

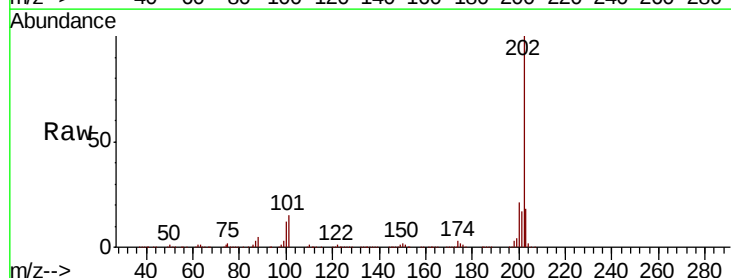
Tgt Ion:202 Resp: 1988049

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

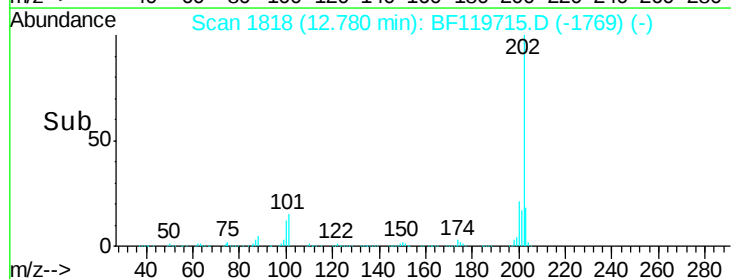
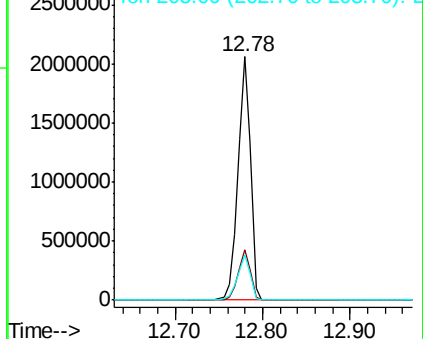
203 18.3 15.1 22.7

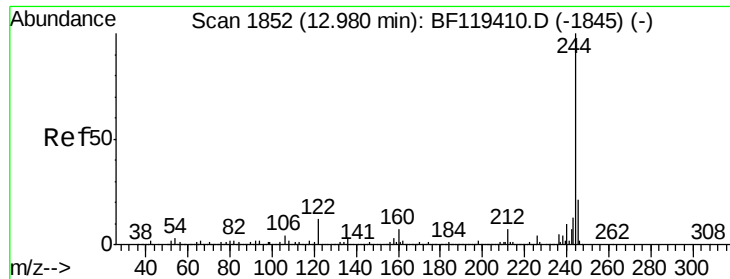


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.063 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

PB127977BS

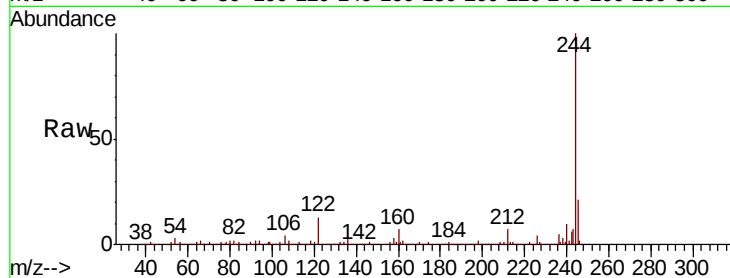
Tot Ion:244 Resp: 2611946

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

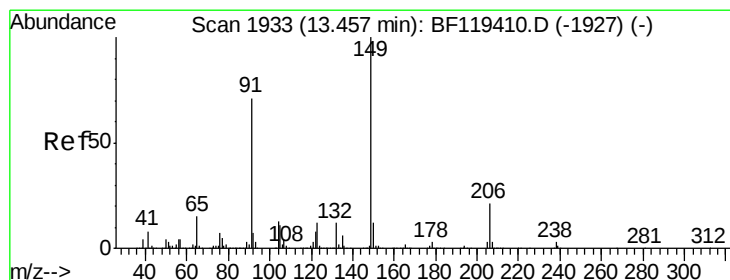
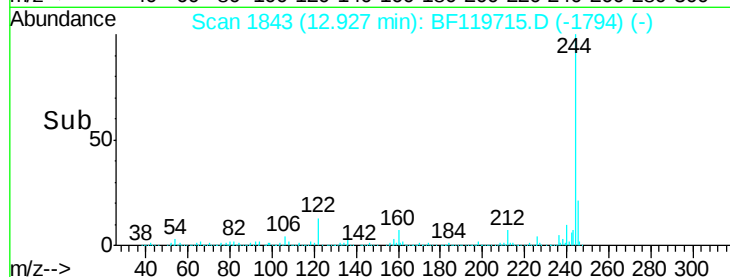
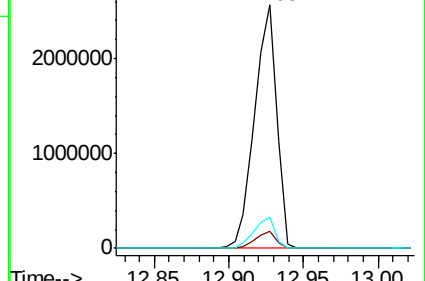
122 12.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.574 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

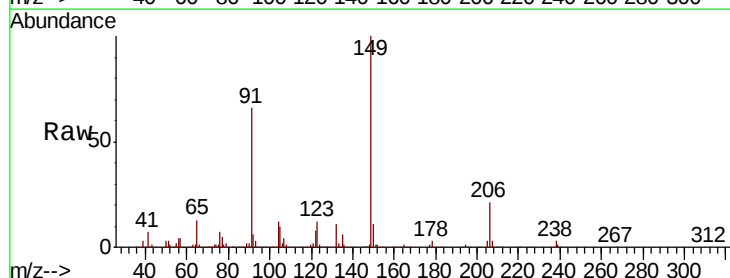
Tgt Ion:149 Resp: 870621

Ion Ratio Lower Upper

149 100

91 65.6 54.7 82.1

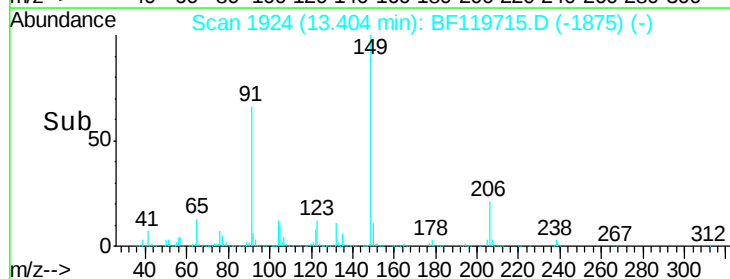
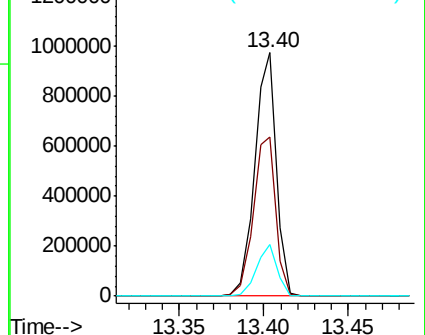
206 21.1 16.2 24.2

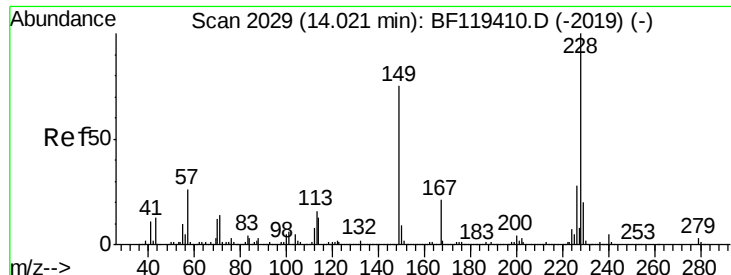


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.544 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampleId :

PB127977BS

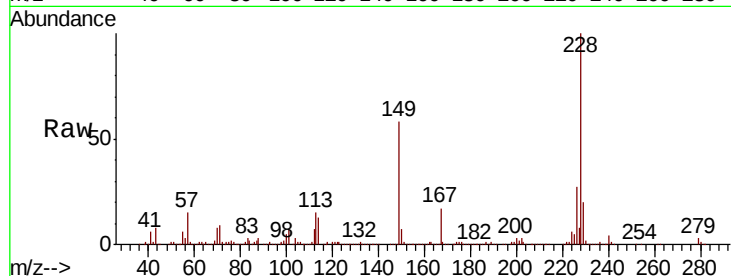
Tot Ion:228 Resp: 1624302

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

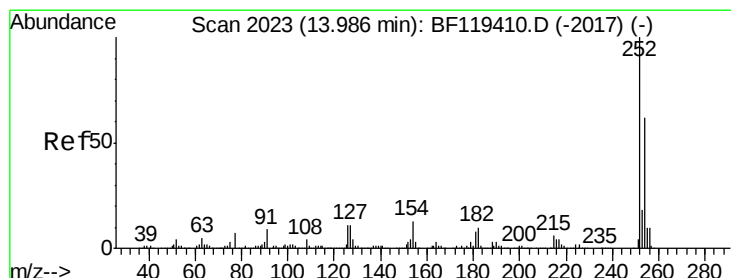
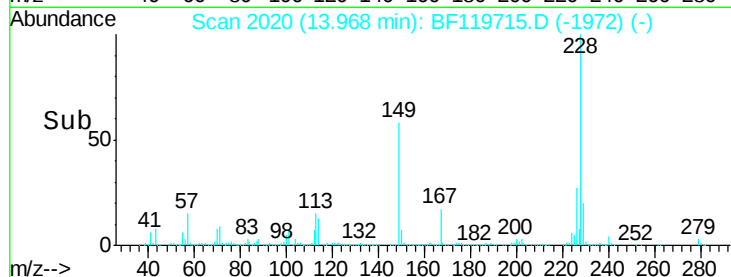
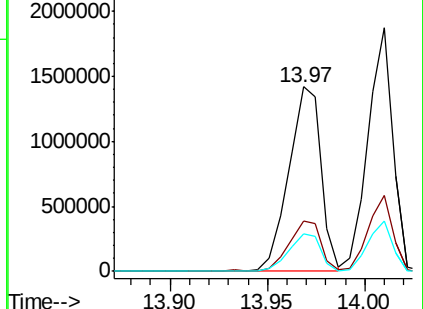
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.363 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

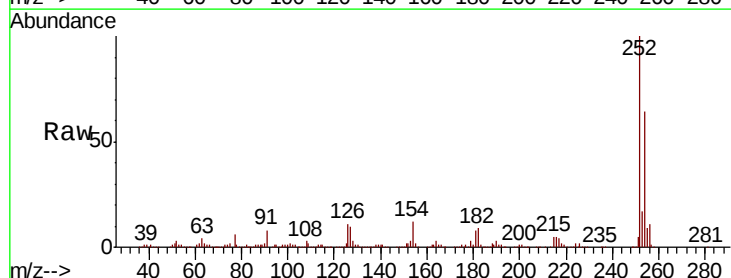
Tgt Ion:252 Resp: 463823

Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

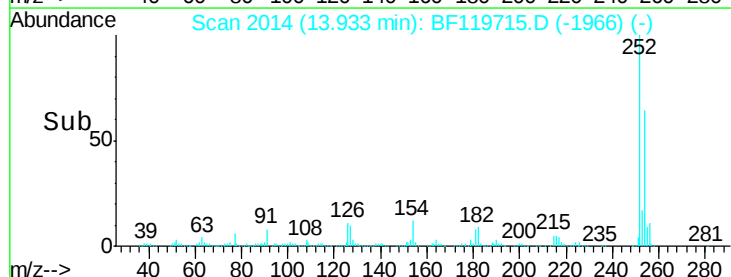
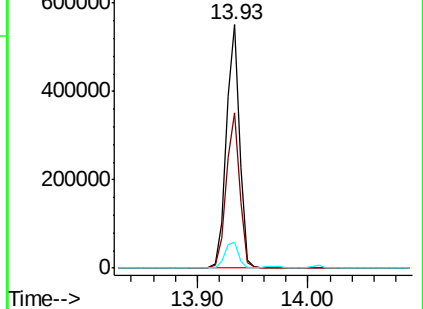
126 10.7 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

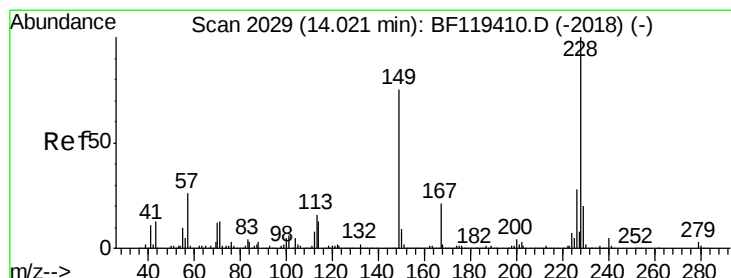
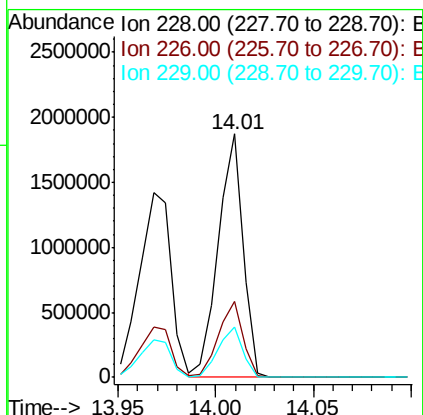
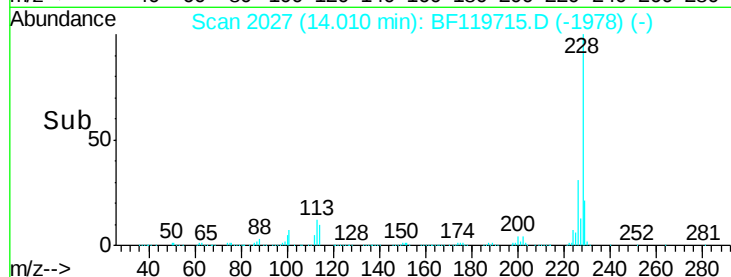
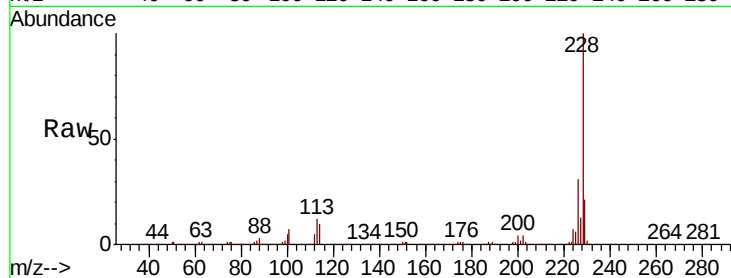




#83  
 Chrysene  
 Concen: 39.998 ng  
 RT: 14.01 min Scan# 2027  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

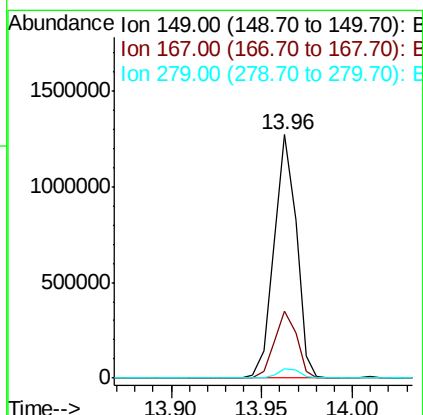
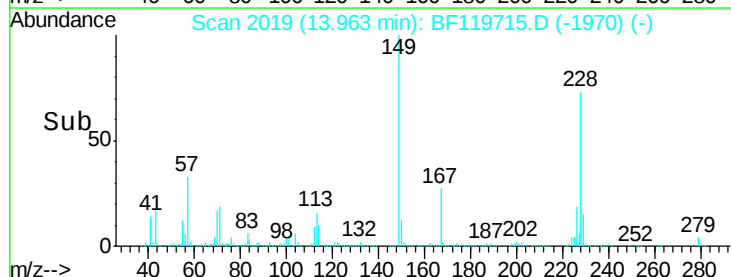
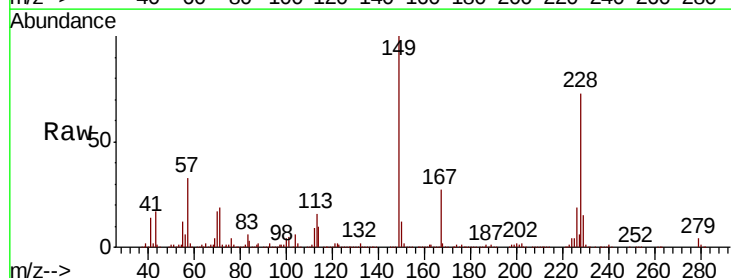
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127977BS

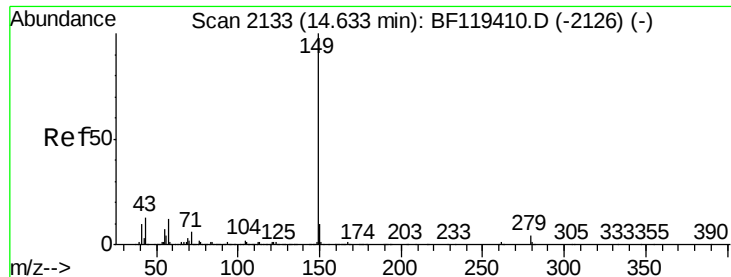
Tot Ion:228 Resp: 1653785  
 Ion Ratio Lower Upper  
 228 100  
 226 31.2 25.4 38.0  
 229 20.7 16.6 24.8



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.945 ng  
 RT: 13.96 min Scan# 2019  
 Delta R.T. -0.01 min  
 Lab File: BF119715.D  
 Acq: 3 Apr 2020 13:26

Tgt Ion:149 Resp: 1095642  
 Ion Ratio Lower Upper  
 149 100  
 167 27.3 21.3 31.9  
 279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 46.819 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA\_F

ClientSampled :

PB127977BS

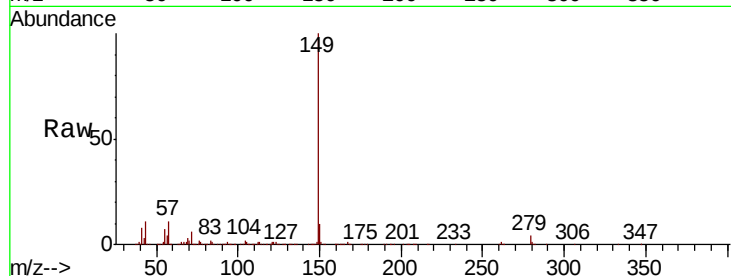
Tot Ion:149 Resp: 2007276

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

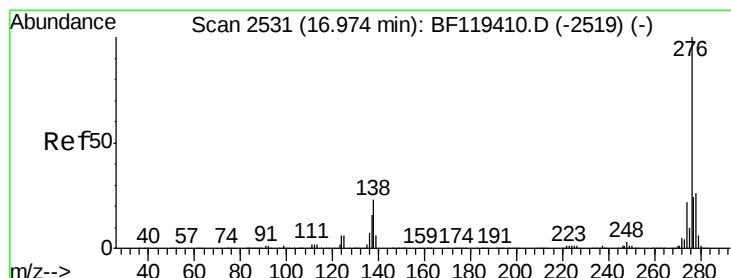
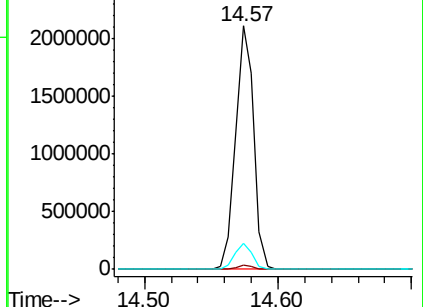
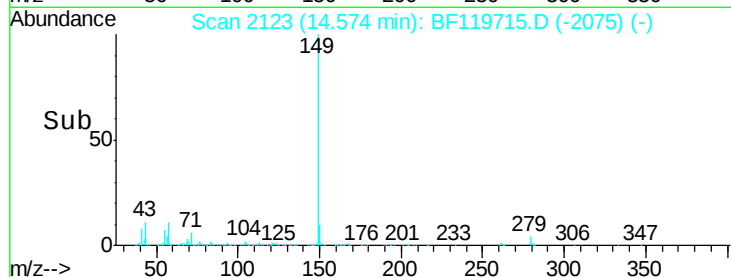
43 10.4 9.3 13.9



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: 40.592 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.04 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

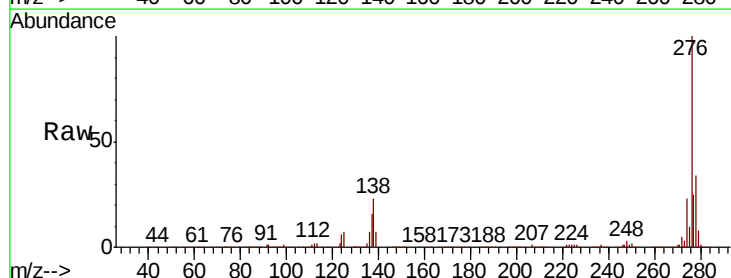
Tgt Ion:276 Resp: 1580663

Ion Ratio Lower Upper

276 100

138 25.5 19.6 29.4

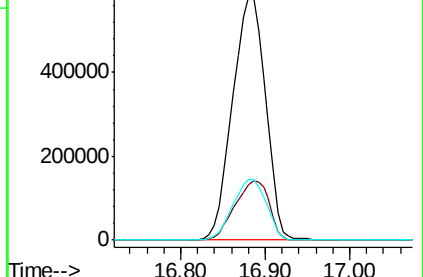
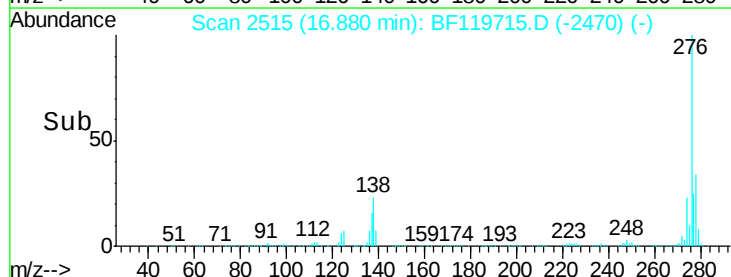
277 25.3 20.0 30.0

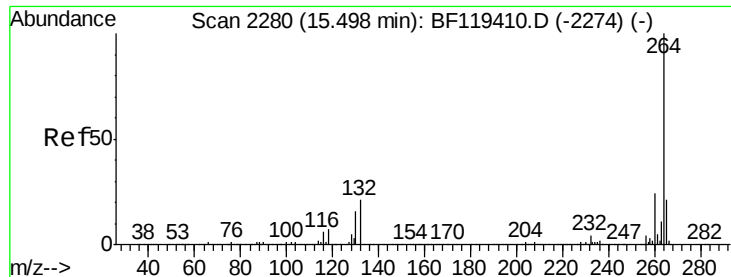


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



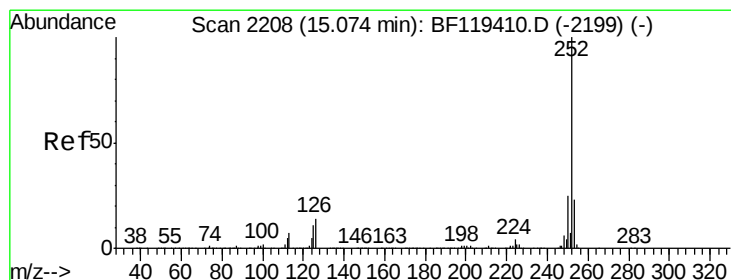
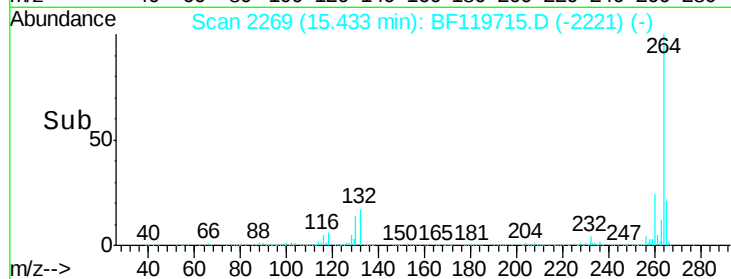
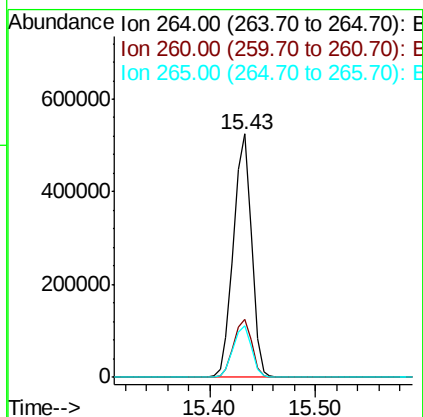
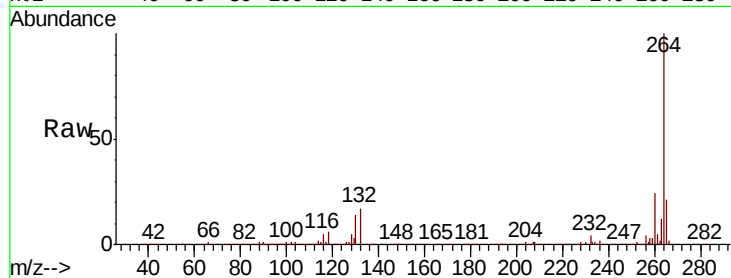


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.43 min Scan# 2269  
Delta R.T. -0.02 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

Tot Ion:264 Resp: 617762  

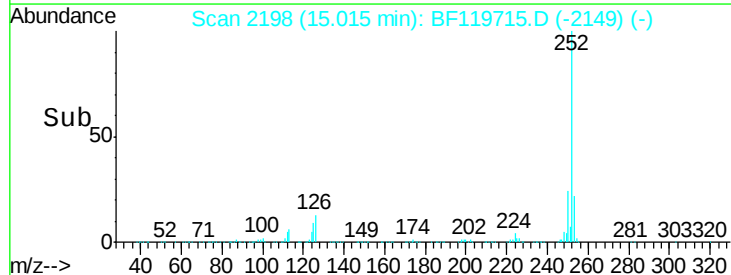
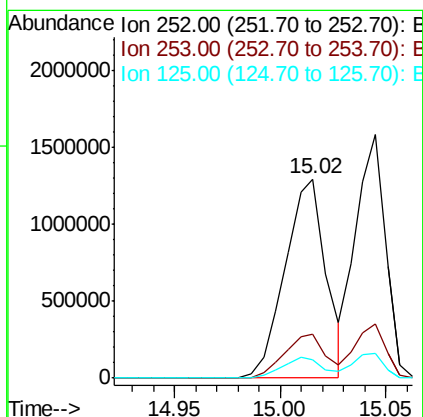
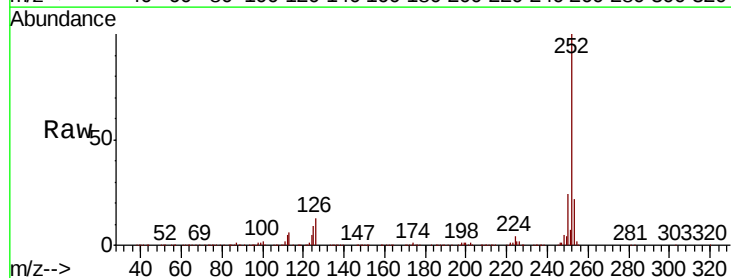
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 18.7  | 28.1  |
| 265 | 21.0  | 17.7  | 26.5  |

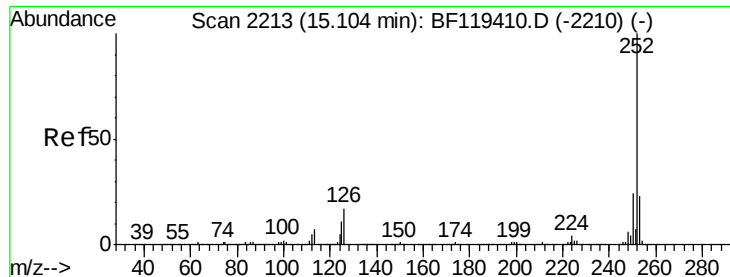


#88  
Benzo(b)fluoranthene  
Concen: 42.488 ng  
RT: 15.02 min Scan# 2198  
Delta R.T. -0.01 min  
Lab File: BF119715.D  
Acq: 3 Apr 2020 13:26

Tgt Ion:252 Resp: 1753340  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.8  | 17.4  | 26.0  |
| 125 | 9.5   | 7.9   | 11.9  |





#89

Benzo(k)fluoranthene

Concen: 40.148 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.02 min

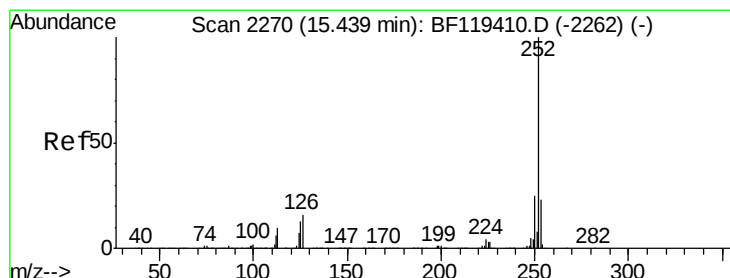
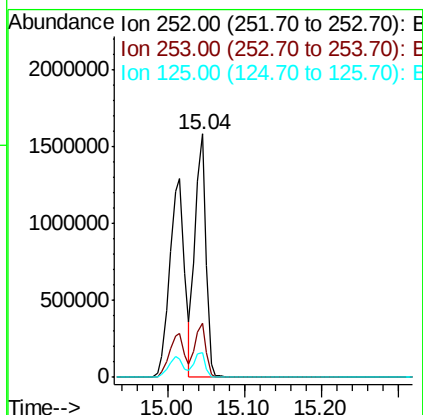
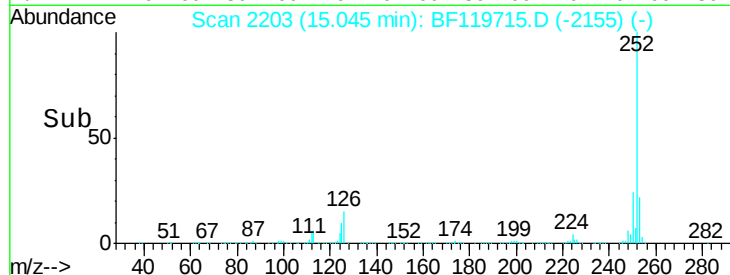
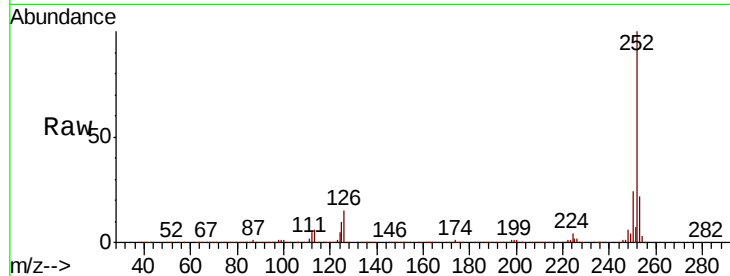
Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :  
BNA\_F  
ClientSampleId :  
PB127977BS

Tot Ion:252 Resp: 1577583

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 17.8  | 26.6  |
| 125 | 10.2  | 8.4   | 12.6  |



#90

Benzo(a)pyrene

Concen: 40.314 ng

RT: 15.37 min Scan# 2259

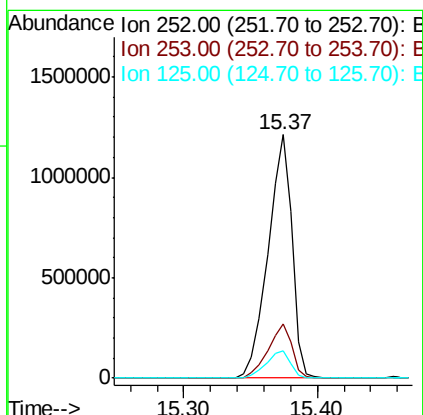
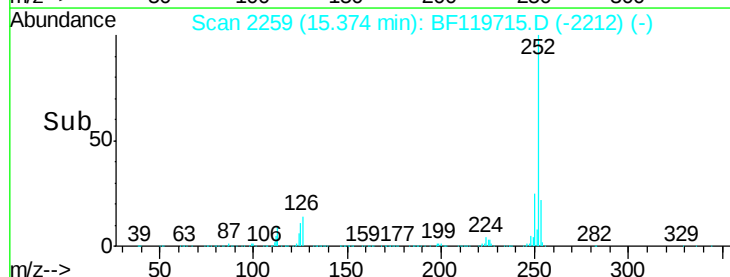
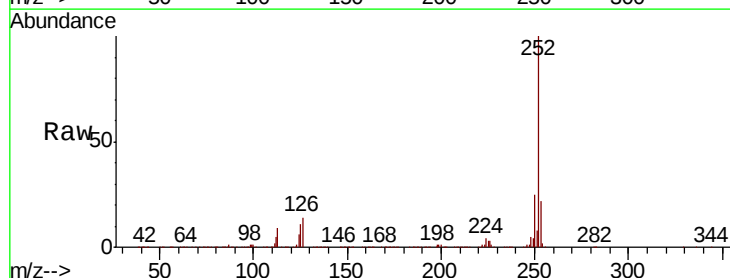
Delta R.T. -0.02 min

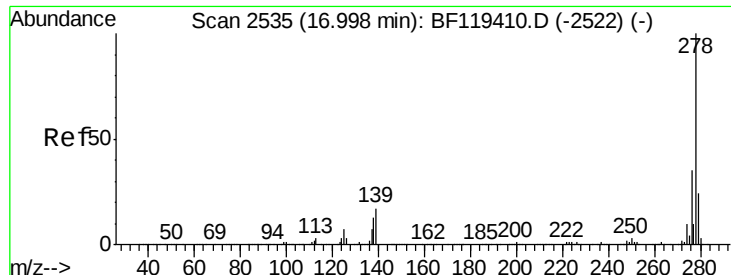
Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Tgt Ion:252 Resp: 1511875

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.5  | 18.2  | 27.2  |
| 125 | 11.2  | 9.4   | 14.2  |





#91

Dibenzo(a,h)anthracene

Concen: 40.601 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.03 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

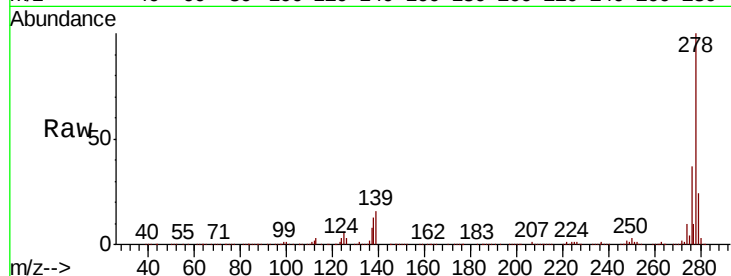
BNA\_F

ClientSampleId :

PB127977BS

Tot Ion:278 Resp: 1331798

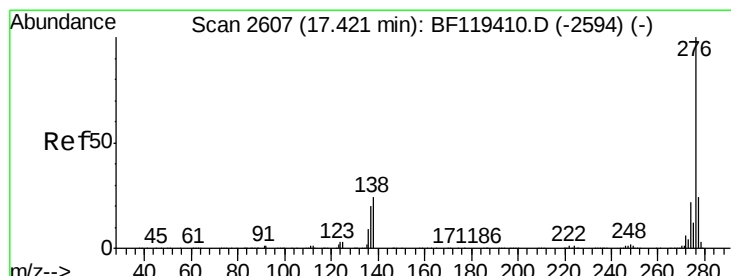
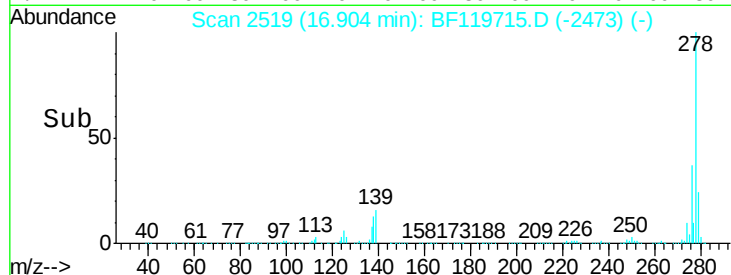
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.5  | 12.6  | 19.0  |
| 279 | 23.7  | 19.0  | 28.6  |



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.606 ng

RT: 17.32 min Scan# 2590

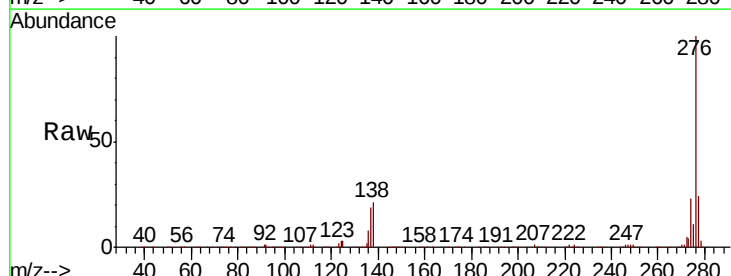
Delta R.T. -0.04 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Tgt Ion:276 Resp: 1305155

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.1  | 18.4  | 27.6  |
| 138 | 20.9  | 15.4  | 23.0  |



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

