

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\  
 Data File : BF119566.D  
 Acq On : 27 Mar 2020 14:02  
 Operator : CG/JU  
 Sample : PB127867BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127867BS

Manual Integrations  
 APPROVED

mohammad  
 3/30/2020 8:51:08 AM

Quant Time: Mar 27 14:32:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 27 07:52:09 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 249816   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.12  | 136  | 968089   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.88  | 164  | 527237   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.37 | 188  | 1033374  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.01 | 240  | 726862   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.47 | 264  | 644037   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.45  | 112 | 1251635 | 79.76 | ng | 0.01 |
| 7) Phenol-d6             | 6.46  | 99  | 1614371 | 80.53 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.40  | 82  | 1429529 | 80.25 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 502692  | 92.42 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.20  | 172 | 2764909 | 77.69 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.96 | 244 | 3222653 | 86.86 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.67 | 88  | 239242  | 30.868 | ng | 99     |
| 3) Pyridine                    | 3.39 | 79  | 603647  | 28.271 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.35 | 42  | 366040  | 35.153 | ng | 98     |
| 6) Aniline                     | 6.49 | 93  | 809595  | 29.262 | ng | 98     |
| 8) 2-Chlorophenol              | 6.62 | 128 | 726318  | 44.067 | ng | 99     |
| 9) Benzaldehyde                | 6.38 | 77  | 477827  | 37.574 | ng | 97     |
| 10) Phenol                     | 6.47 | 94  | 934183  | 43.674 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.57 | 93  | 678541  | 39.663 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.77 | 146 | 721927  | 40.470 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.85 | 146 | 734646  | 41.173 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.00 | 146 | 691873  | 41.484 | ng | 99     |
| 15) Benzyl Alcohol             | 6.97 | 79  | 634199  | 42.057 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.11 | 45  | 1308926 | 37.932 | ng | 100    |
| 17) 2-Methylphenol             | 7.09 | 107 | 593242  | 39.284 | ng | 98     |
| 18) Hexachloroethane           | 7.35 | 117 | 275007  | 42.057 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70  | 501685  | 41.520 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.24 | 107 | 741364  | 40.058 | ng | # 83   |
| 22) Acetophenone               | 7.25 | 105 | 953468  | 41.218 | ng | 96     |
| 24) Nitrobenzene               | 7.42 | 77  | 749080  | 39.350 | ng | 99     |
| 25) Isophorone                 | 7.66 | 82  | 1423299 | 39.390 | ng | 98     |
| 26) 2-Nitrophenol              | 7.73 | 139 | 392899  | 52.419 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 676144  | 43.626 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.87 | 93  | 888447  | 41.580 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.97 | 162 | 616079  | 43.262 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.06 | 180 | 643428  | 40.856 | ng | 98     |
| 31) Naphthalene                | 8.14 | 128 | 2045946 | 41.068 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 490304  | 49.180 | ng | 95     |
| 33) 4-Chloroaniline            | 8.19 | 127 | 450848  | 19.750 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.26 | 225 | 370124  | 42.004 | ng | 98     |
| 35) Caprolactam                | 8.56 | 113 | 196536m | 42.170 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107 | 672684  | 43.219 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.83 | 142 | 1425867 | 43.610 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.93 | 142 | 1336729 | 43.194 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 611294  | 39.556 | ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\  
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 Sample : PB127867BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127867BS

Manual Integrations  
 APPROVED

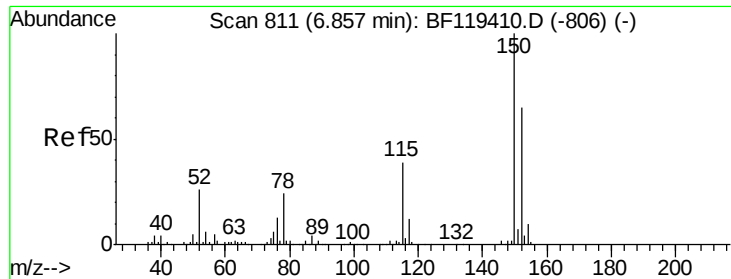
mohammad  
 3/30/2020 8:51:08 AM

Quant Time: Mar 27 14:32:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 27 07:52:09 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.99  | 237  | 762320   | 86.769 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.11  | 196  | 474731   | 42.927 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.15  | 196  | 483470   | 39.025 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.30  | 154  | 1721516  | 40.090 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.33  | 162  | 1324137  | 39.367 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.42  | 65   | 495914   | 42.715 | ng    | 100      |
| 49) Acenaphthylene             | 9.75  | 152  | 2138093  | 40.478 | ng    | 98       |
| 50) Dimethylphthalate          | 9.60  | 163  | 1589439  | 42.442 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.66  | 165  | 357326   | 44.515 | ng    | 96       |
| 52) Acenaphthene               | 9.92  | 154  | 1430044  | 43.428 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.83  | 138  | 250798   | 24.748 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 9.93  | 184  | 306847   | 87.584 | ng    | # 85     |
| 55) Dibenzofuran               | 10.09 | 168  | 1934019  | 40.965 | ng    | 100      |
| 56) 4-Nitrophenol              | 9.99  | 139  | 610714   | 76.392 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 10.07 | 165  | 476504   | 47.122 | ng    | 91       |
| 58) Fluorene                   | 10.43 | 166  | 1468057  | 42.049 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.20 | 232  | 408894   | 44.155 | ng    | 98       |
| 60) Diethylphthalate           | 10.30 | 149  | 1661172  | 43.704 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.42 | 204  | 722960   | 42.345 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.45 | 138  | 377362   | 38.831 | ng    | 97       |
| 63) Azobenzene                 | 10.58 | 77   | 1553756  | 40.594 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.47 | 198  | 219127   | 50.569 | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 10.54 | 169  | 1357731  | 40.023 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 10.92 | 248  | 472917   | 40.184 | ng    | 93       |
| 68) Hexachlorobenzene          | 10.98 | 284  | 509178   | 42.272 | ng    | # 92     |
| 69) Atrazine                   | 11.07 | 200  | 421810   | 45.355 | ng    | 100      |
| 70) Pentachlorophenol          | 11.17 | 266  | 549851   | 77.853 | ng    | 99       |
| 71) Phenanthrene               | 11.39 | 178  | 2137808  | 39.897 | ng    | 100      |
| 72) Anthracene                 | 11.45 | 178  | 2222062  | 40.803 | ng    | 99       |
| 73) Carbazole                  | 11.60 | 167  | 2039354  | 37.833 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.93 | 149  | 2551177  | 44.243 | ng    | 99       |
| 75) Fluoranthene               | 12.58 | 202  | 2323796  | 40.073 | ng    | 100      |
| 77) Benzidine                  | 12.70 | 184  | 1155831  | 37.575 | ng    | 98       |
| 78) Pyrene                     | 12.81 | 202  | 2355819  | 39.492 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.43 | 149  | 1093713  | 45.332 | ng    | 99       |
| 81) Benzo(a)anthracene         | 14.00 | 228  | 1872860  | 39.623 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.96 | 252  | 453309   | 24.323 | ng    | 99       |
| 83) Chrysene                   | 14.04 | 228  | 1860253  | 38.135 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.00 | 149  | 1449684  | 50.404 | ng    | # 99     |
| 85) Di-n-octyl phthalate       | 14.61 | 149  | 2516326  | 49.747 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.94 | 276  | 1649257  | 35.898 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 15.05 | 252  | 1818476  | 42.269 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.08 | 252  | 1659084  | 40.500 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.42 | 252  | 1531942  | 39.183 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.96 | 278  | 1373582  | 40.167 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.39 | 276  | 1384579  | 40.302 | ng    | 99       |

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





#1

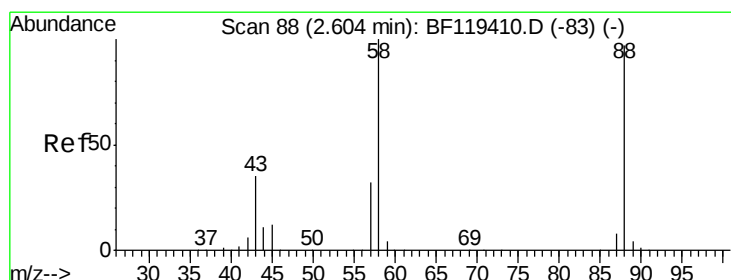
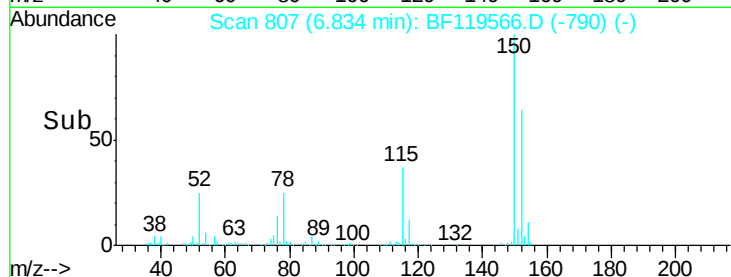
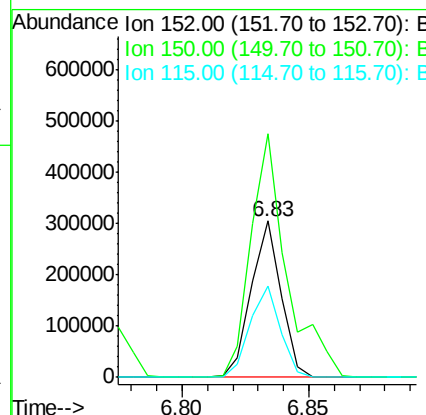
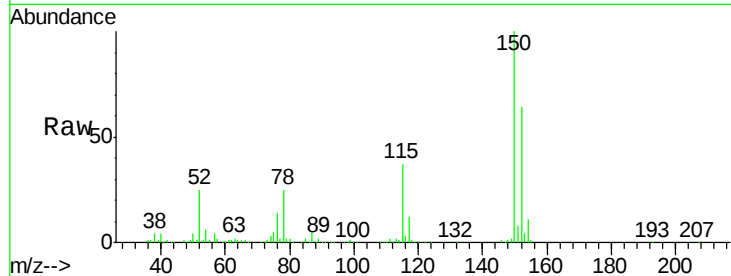
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 807  
Delta R.T. -0.00 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 124.5 | 186.7 |
| 115     | 58.3  | 49.6  | 74.4  |

Manual Integrations  
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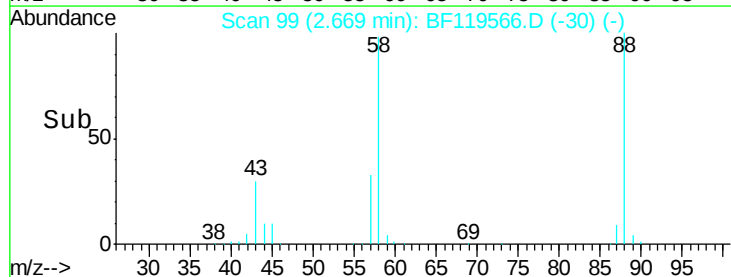
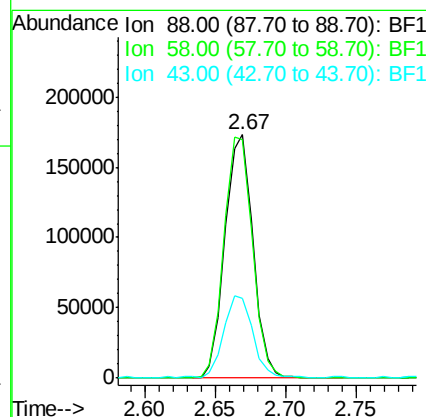
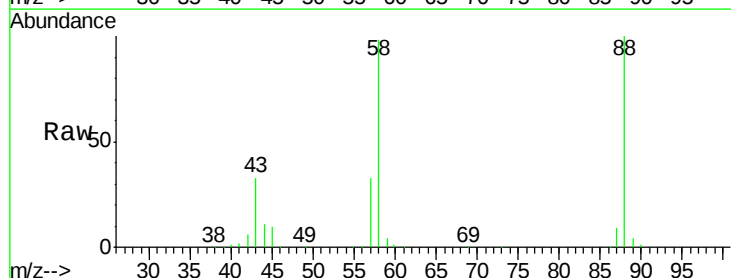
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3/30/2020 8:51:08 AM

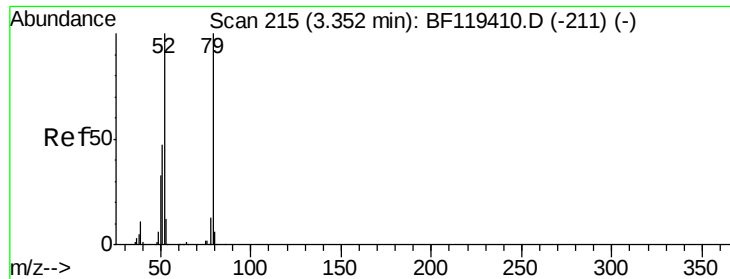


#2

1,4-Dioxane  
Concen: 30.868 ng  
RT: 2.67 min Scan# 99  
Delta R.T. 0.11 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 101.4 | 80.6  | 121.0 |
| 43      | 34.8  | 27.5  | 41.3  |





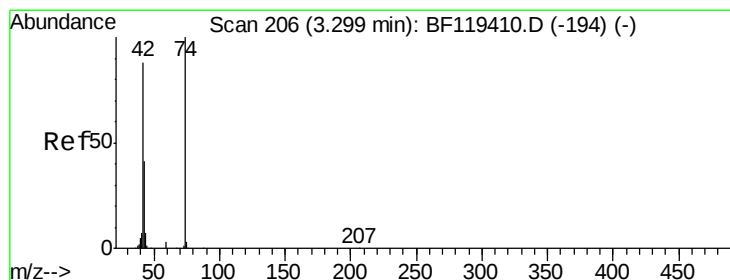
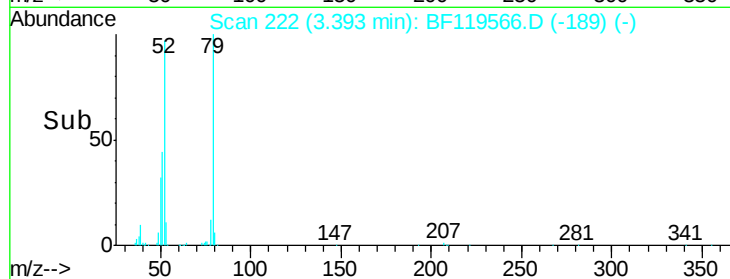
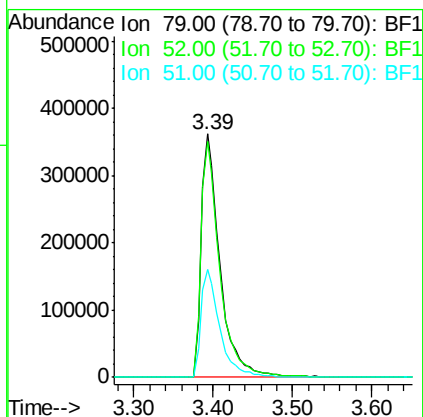
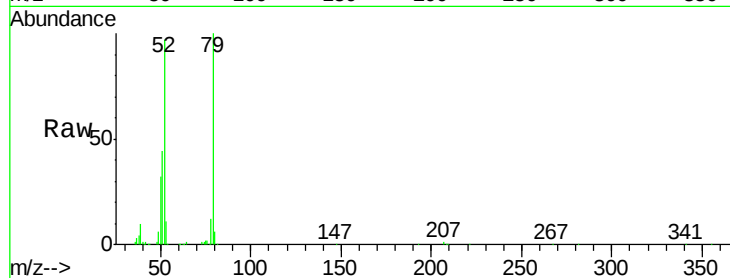
#3  
 Pvridine  
 Concen: 28.271 ng  
 RT: 3.39 min Scan# 222  
 Delta R.T. 0.09 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 97.1  | 80.2  | 120.2 |
| 51      | 44.2  | 37.7  | 56.5  |

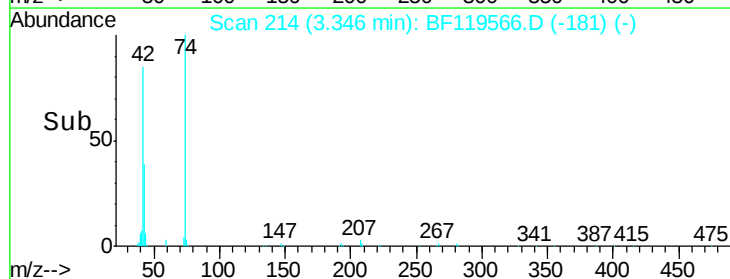
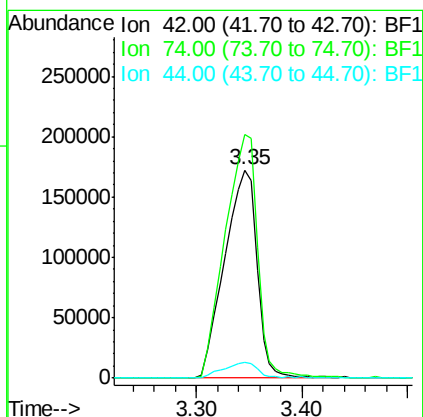
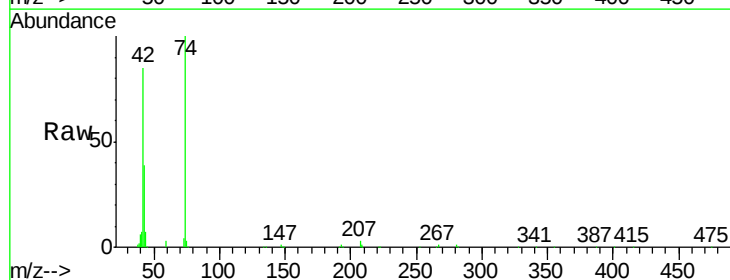
Manual Integrations  
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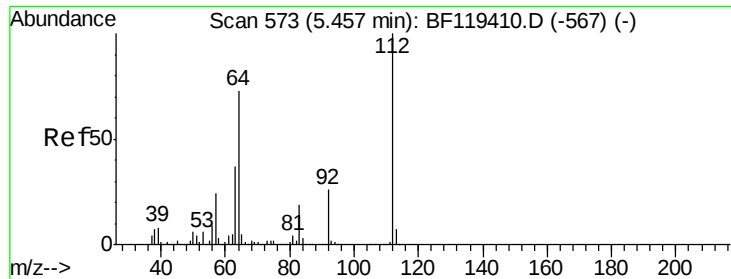
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#4  
 n-Nitrosodimethylamine  
 Concen: 35.153 ng  
 RT: 3.35 min Scan# 214  
 Delta R.T. 0.09 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 117.2 | 91.5  | 137.3 |
| 44      | 7.7   | 6.2   | 9.4   |





#5

2-Fluorophenol

Concen: 79.758 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

Instrument :

BNA\_F

ClientSampleId :

PB127867BS

Tot Ion:112 Resp: 1251635

Ion Ratio Lower Upper

112 100

64 69.8 56.7 85.1

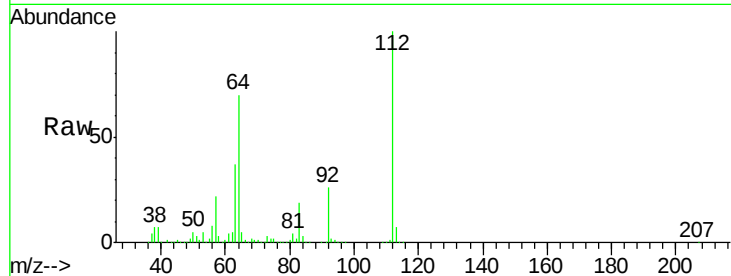
63 36.8 29.5 44.3

Manual Integrations

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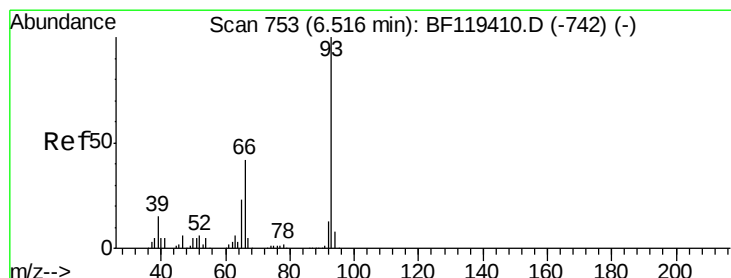
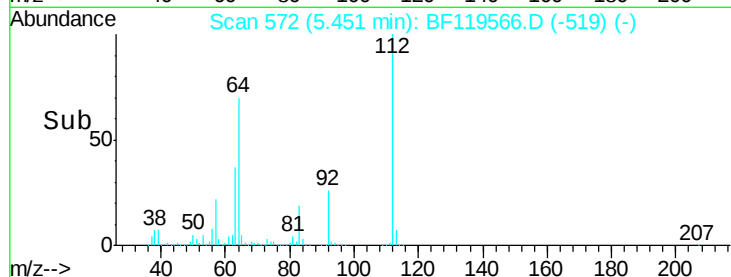
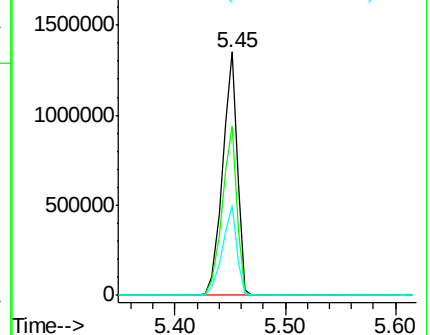
3/30/2020 8:51:08 AM



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: 29.262 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

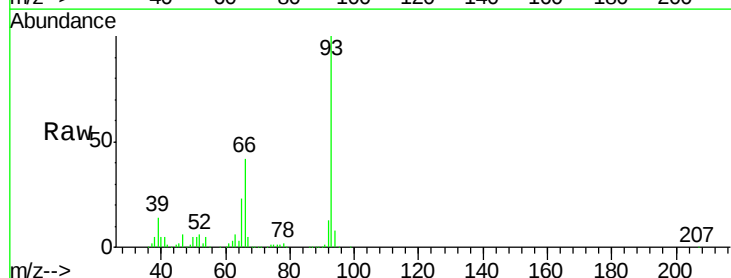
Tgt Ion: 93 Resp: 809595

Ion Ratio Lower Upper

93 100

66 42.1 34.9 52.3

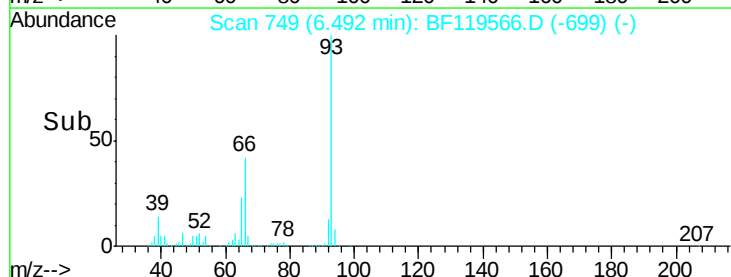
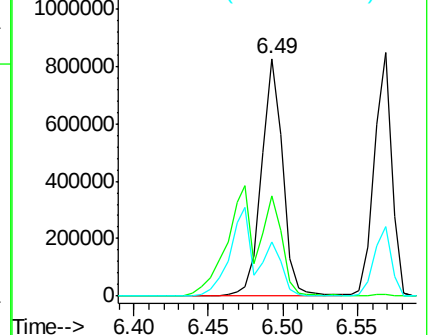
65 22.6 18.6 27.8

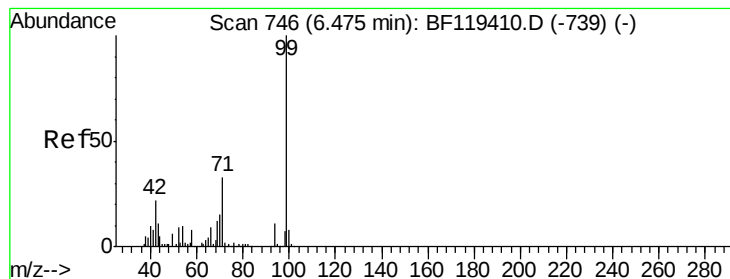


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.531 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

Instrument :

BNA\_F

ClientSampleId :

PB127867BS

Tot Ion: 99 Resp: 1614371

Ion Ratio Lower Upper

99 100

42 21.0 16.6 24.8

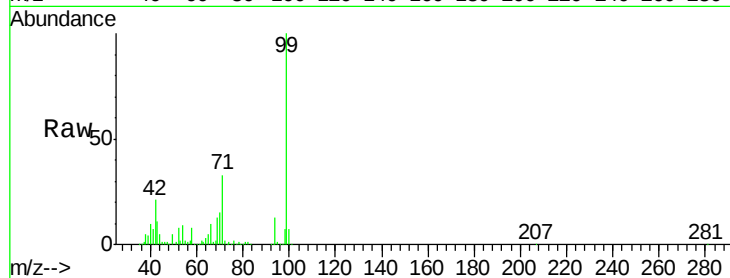
71 33.3 26.4 39.6

Manual Integrations

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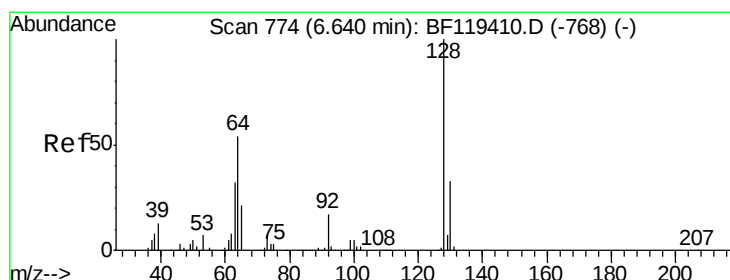
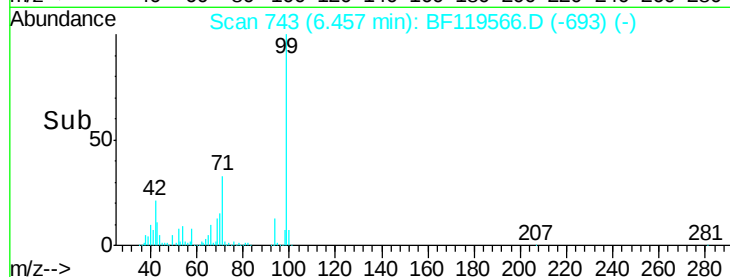
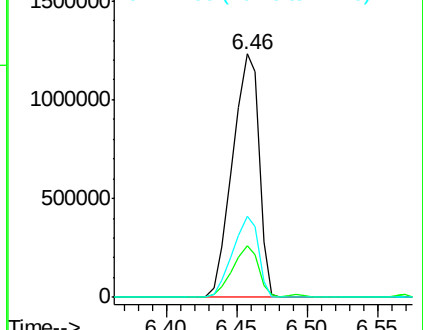
3/30/2020 8:51:08 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.067 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

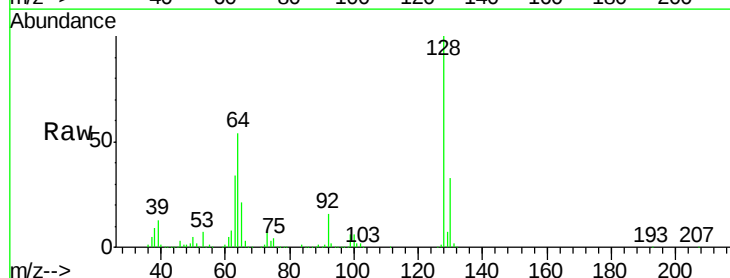
Tgt Ion: 128 Resp: 726318

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

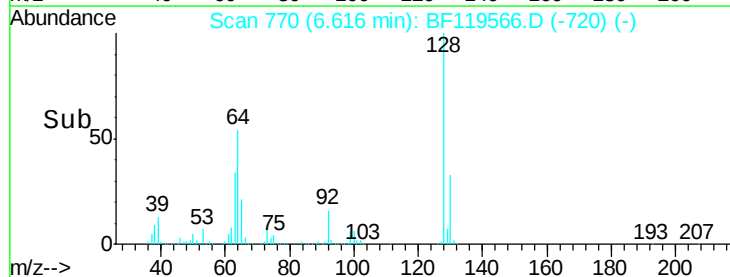
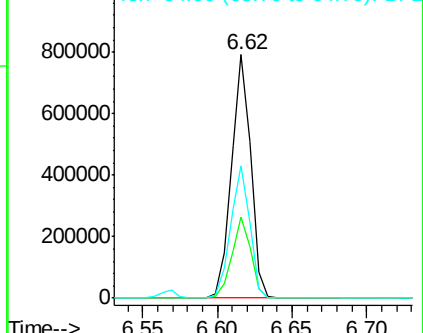
64 54.1 35.3 75.3

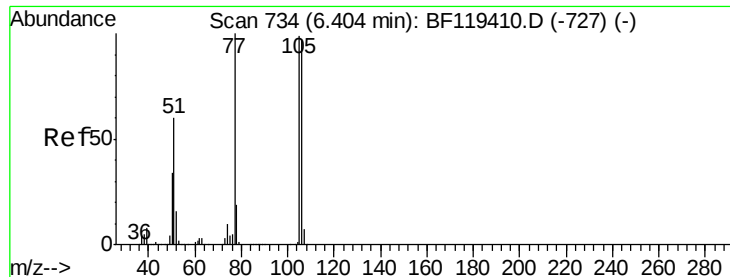


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.574 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

Instrument :

BNA\_F

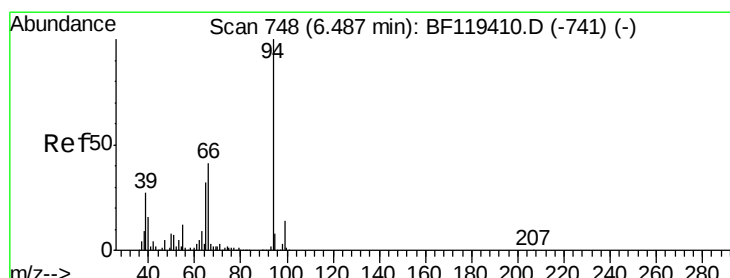
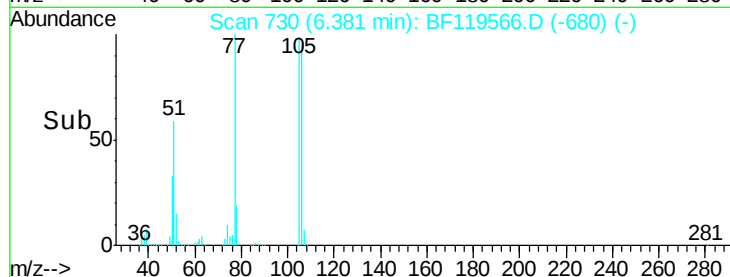
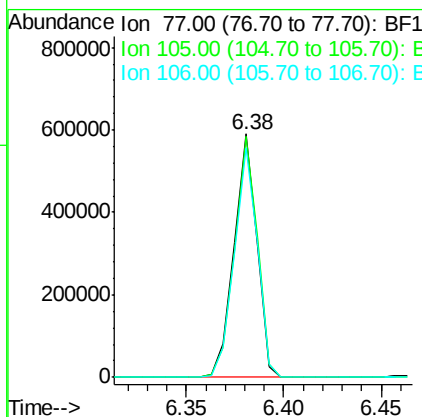
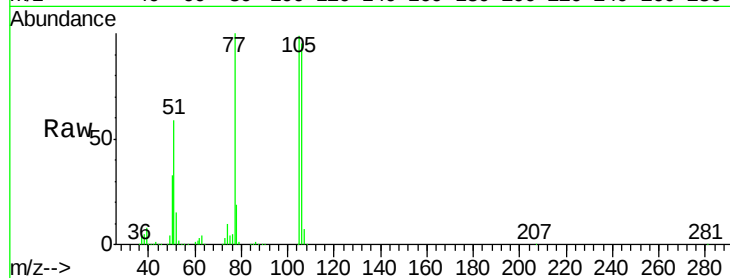
ClientSampleId :

PB127867BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 477827 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 99.2  | 80.9  | 120.9  |
| 106       | 94.5  | 77.9  | 117.9  |

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#10

Phenol

Concen: 43.674 ng

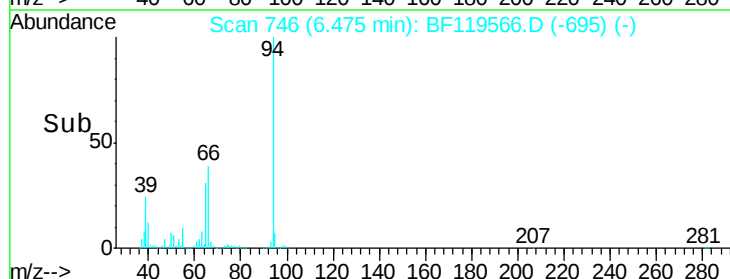
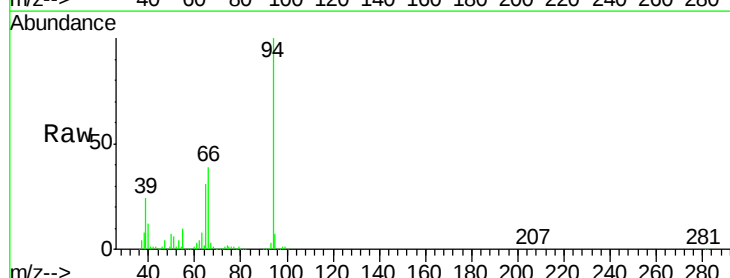
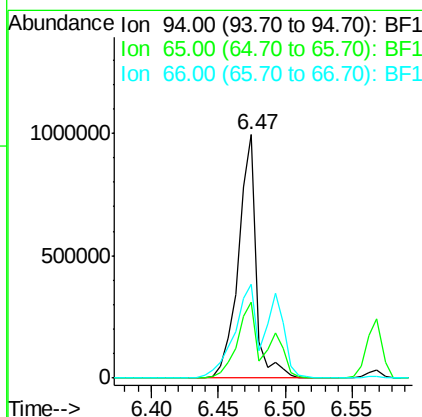
RT: 6.47 min Scan# 746

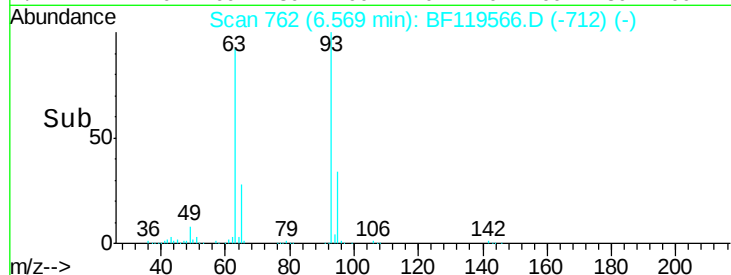
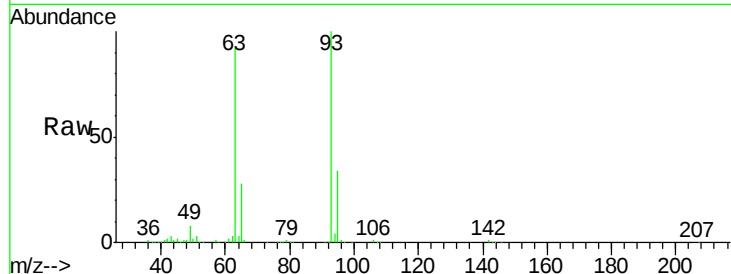
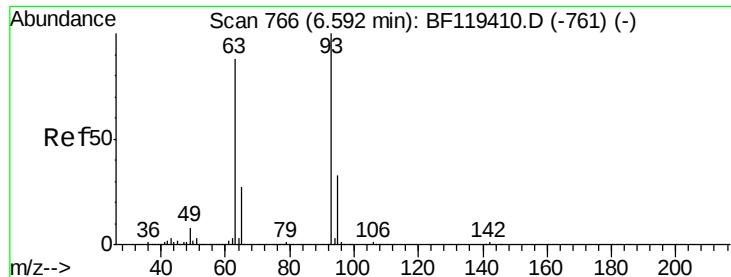
Delta R.T. -0.00 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 934183 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 31.0  | 13.2  | 53.2   |
| 66        | 38.7  | 22.3  | 62.3   |





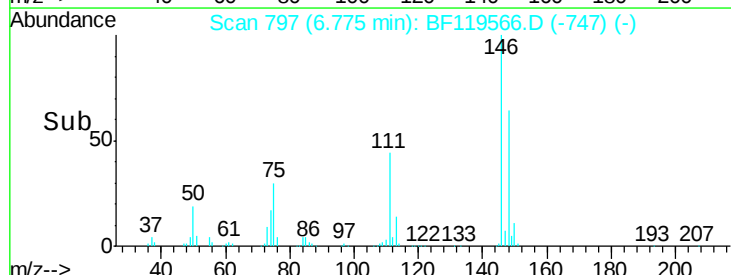
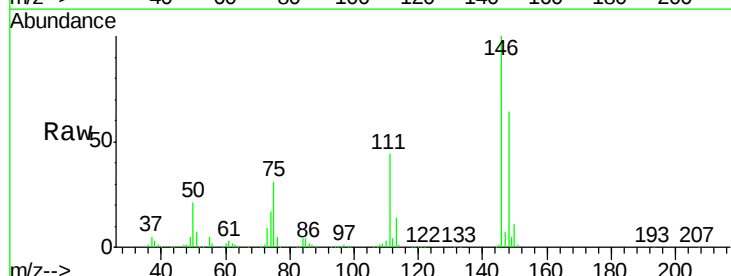
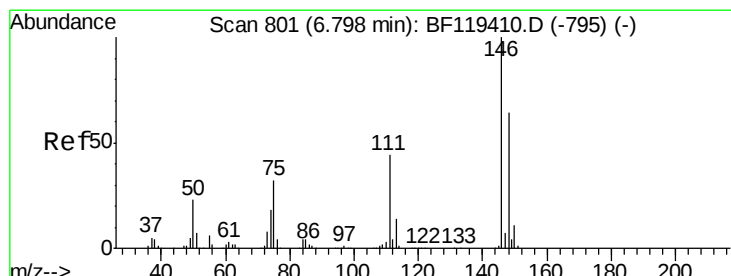
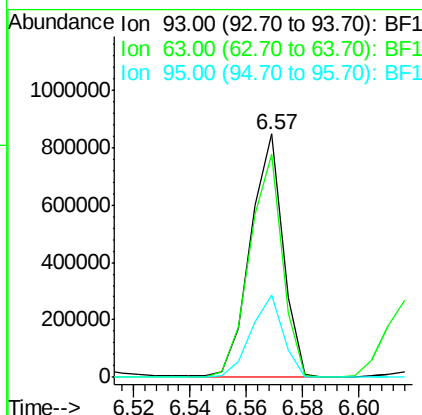
#11  
bis(2-Chloroethyl)ether  
Concen: 39.663 ng  
RT: 6.57 min Scan# 762  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tot Ion   | 93   | Resp  | 678541 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 93        | 100  |       |        |
| 63        | 91.6 | 70.2  | 110.2  |
| 95        | 33.8 | 13.4  | 53.4   |

Instrument :  
BNA\_F  
ClientSampled :  
PB127867BS

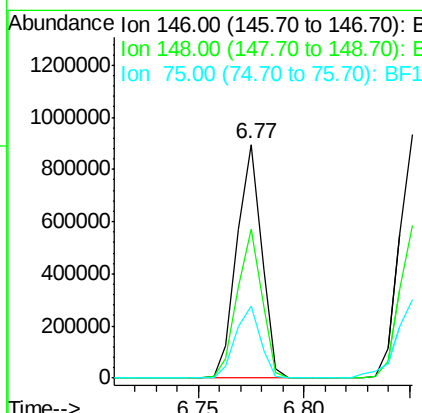
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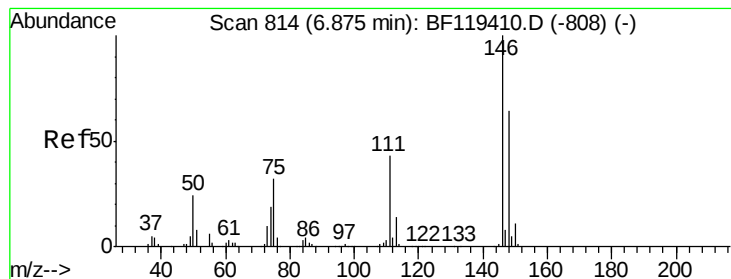
mohammad  
3/30/2020 8:51:08 AM



#12  
1,3-Dichlorobenzene  
Concen: 40.470 ng  
RT: 6.77 min Scan# 797  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion   | 146  | Resp  | 721927 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 146       | 100  |       |        |
| 148       | 64.0 | 52.2  | 78.4   |
| 75        | 30.6 | 23.0  | 34.4   |





#13

1,4-Dichlorobenzene

Concen: 41.173 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

Instrument :

BNA\_F

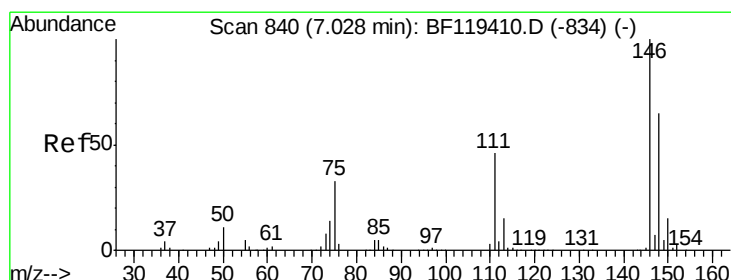
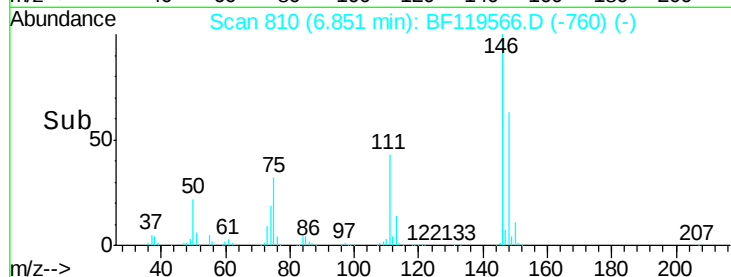
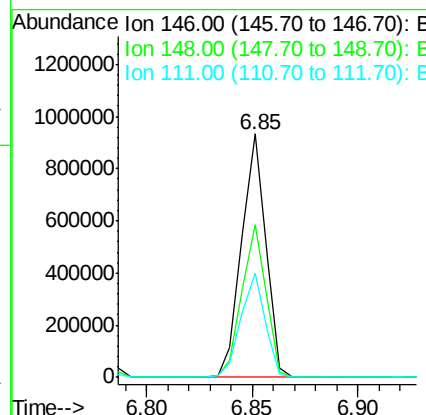
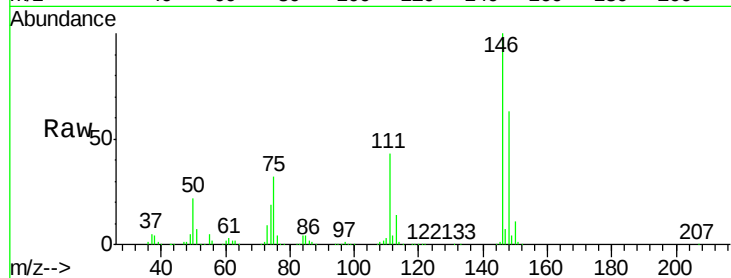
ClientSampleId :

PB127867BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 734646 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.9  | 51.5  | 77.3   |
| 111       | 42.5  | 33.3  | 49.9   |

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#14

1,2-Dichlorobenzene

Concen: 41.484 ng

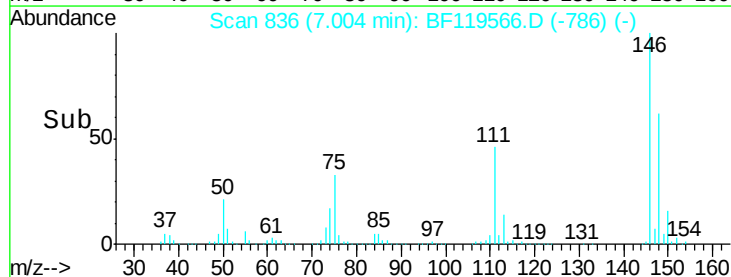
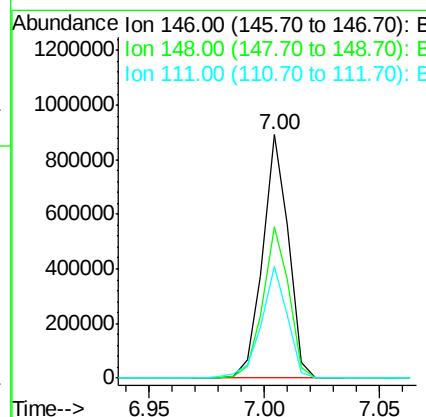
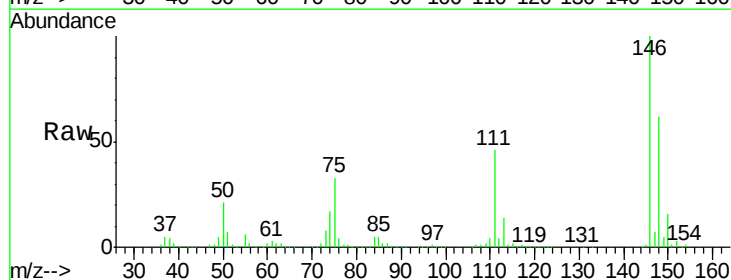
RT: 7.00 min Scan# 836

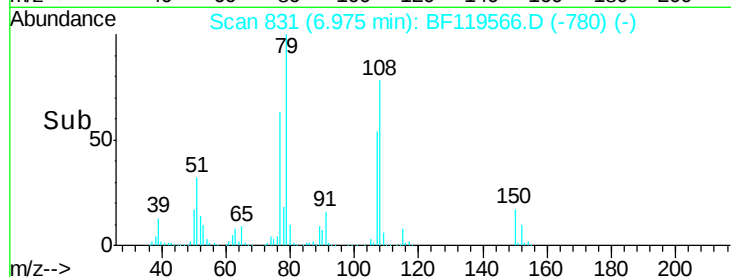
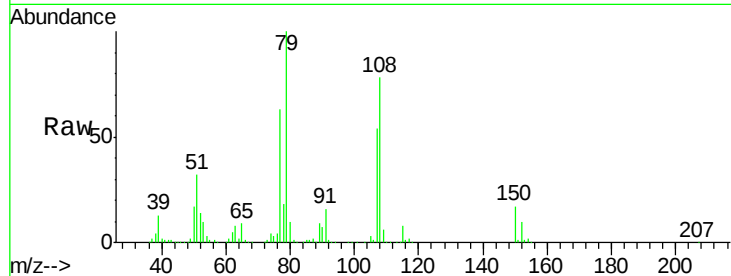
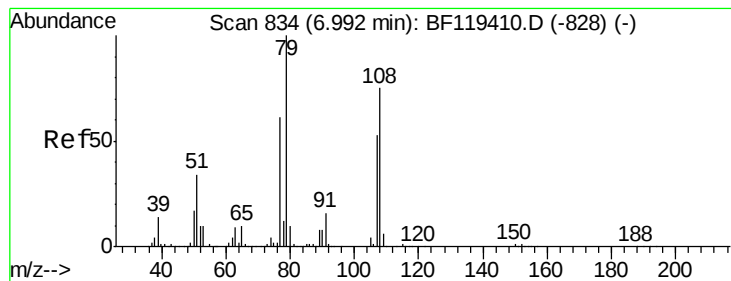
Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 691873 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.5  | 50.6  | 75.8   |
| 111       | 46.1  | 36.1  | 54.1   |





#15

Benzyl Alcohol

Concen: 42.057 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 634199 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 78.2  | 60.6  | 90.8   |
| 77       | 62.9  | 50.2  | 75.2   |

Instrument :

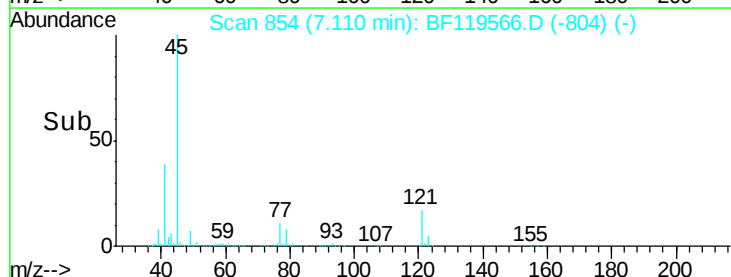
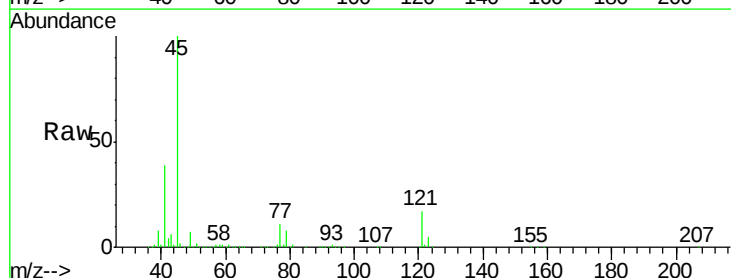
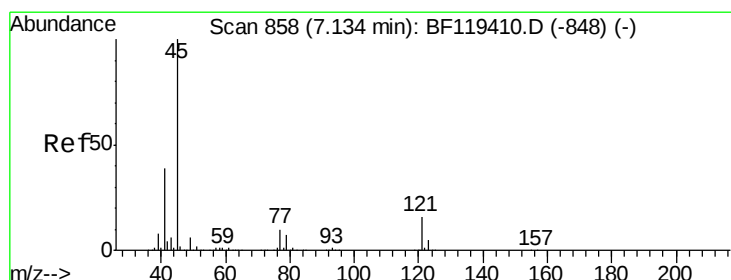
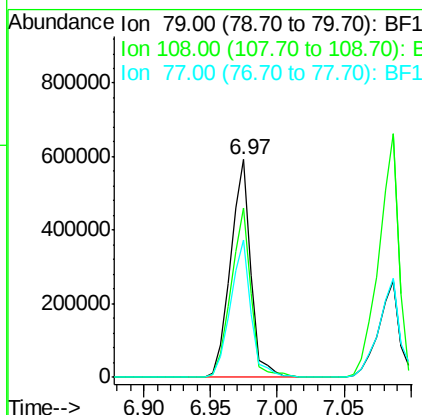
BNA\_F

ClientSampleId :

PB127867BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.932 ng

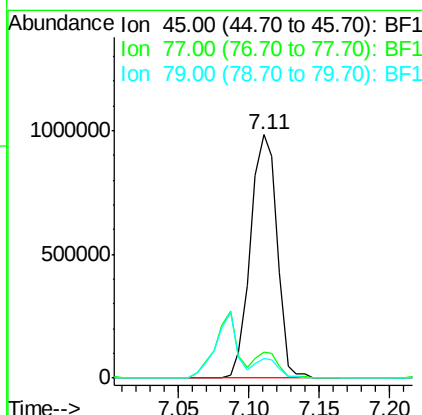
RT: 7.11 min Scan# 854

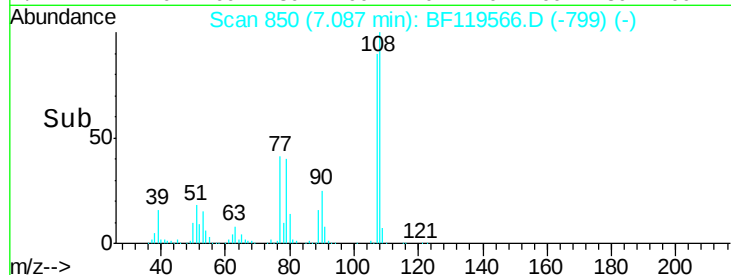
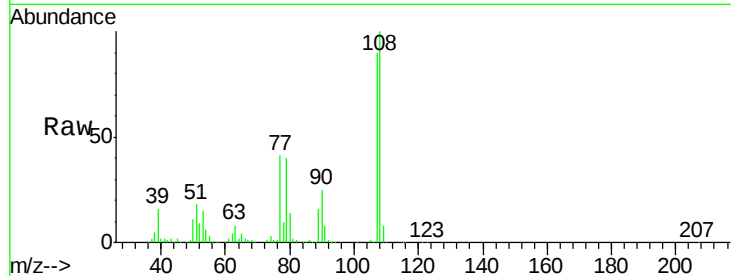
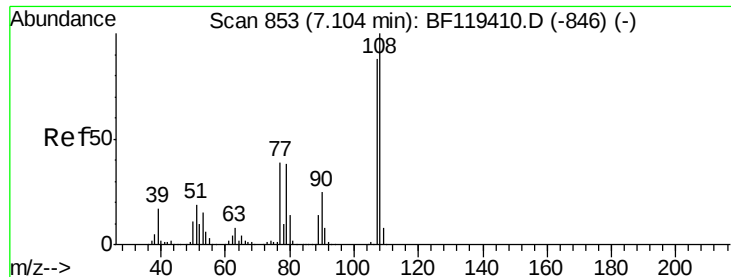
Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 45    | Resp: | 1308926 |
| Ion      | Ratio | Lower | Upper   |
| 45       | 100   |       |         |
| 77       | 10.6  | 0.0   | 30.7    |
| 79       | 8.1   | 0.0   | 28.2    |





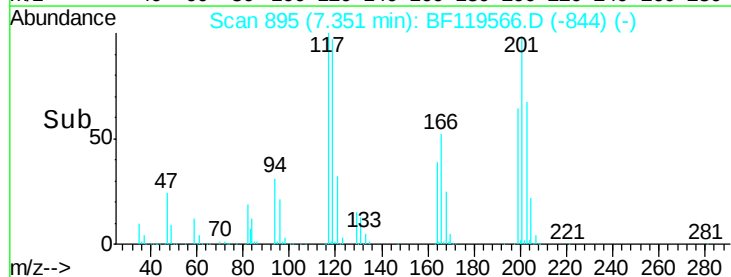
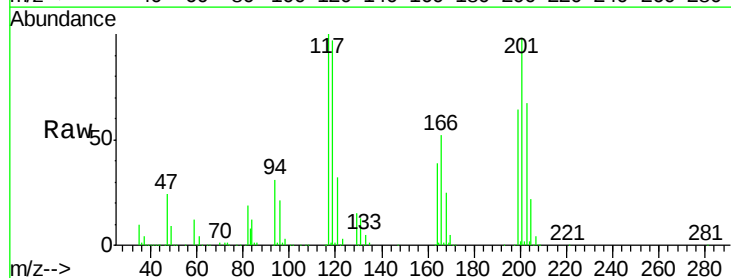
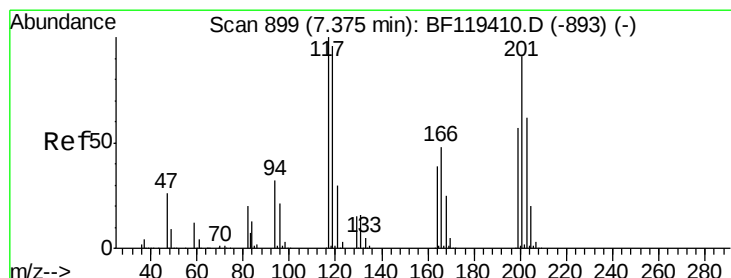
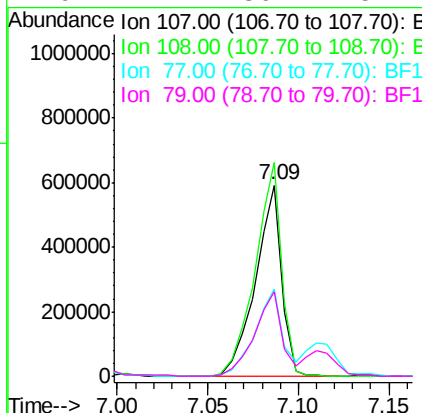
#17  
2-Methylphenol  
Concen: 39.284 ng  
RT: 7.09 min Scan# 850  
Delta R.T. -0.00 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tot Ion   | 107   | Resp  | 593242 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 111.6 | 92.2  | 138.4  |
| 77        | 45.4  | 36.6  | 54.8   |
| 79        | 44.4  | 36.2  | 54.4   |

Instrument :  
BNA\_F  
ClientSampled :  
PB127867BS

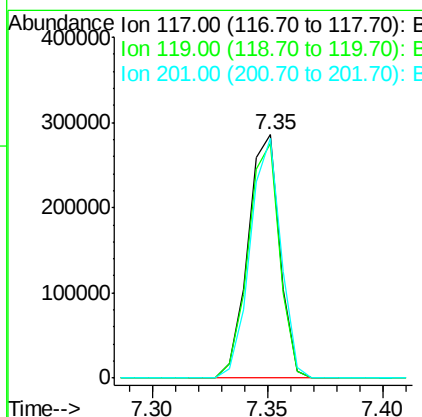
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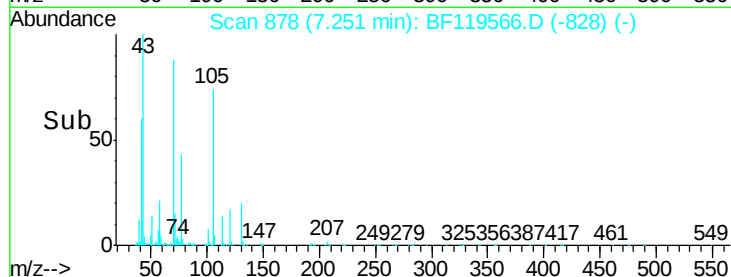
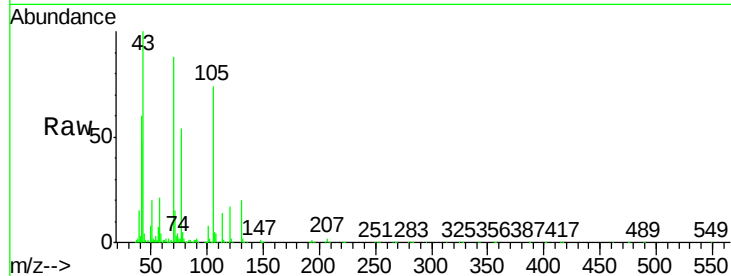
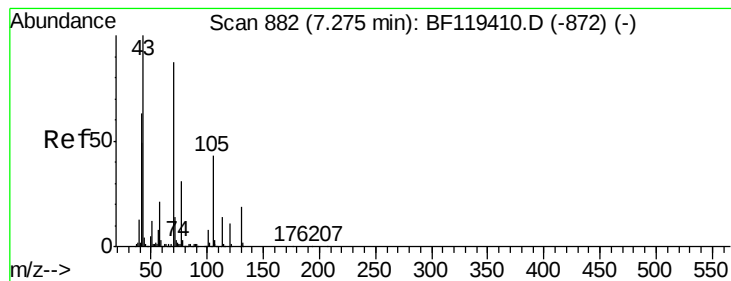
mohammad  
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#18  
Hexachloroethane  
Concen: 42.057 ng  
RT: 7.35 min Scan# 895  
Delta R.T. -0.00 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion   | 117   | Resp  | 275007 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.6  | 76.1  | 114.1  |
| 201       | 98.2  | 73.0  | 109.6  |





#19

n-Nitroso-di-n-propylamine

Concen: 41.520 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

Instrument :

BNA\_F

ClientSampleId :

PB127867BS

Tot Ion: 70 Resp: 501685

Ion Ratio Lower Upper

70 100

42 67.7 54.5 81.7

101 9.6 7.6 11.4

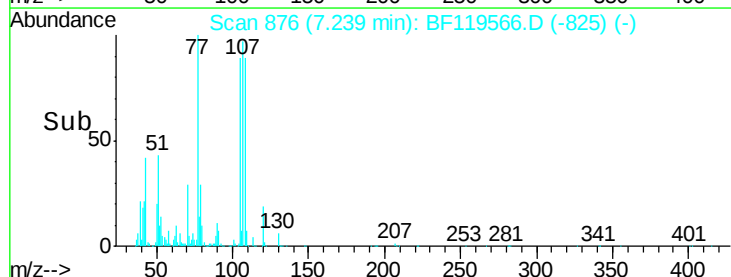
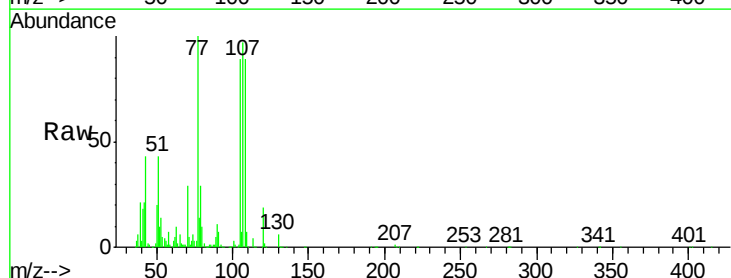
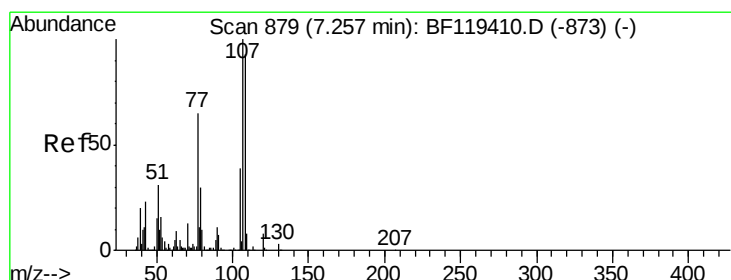
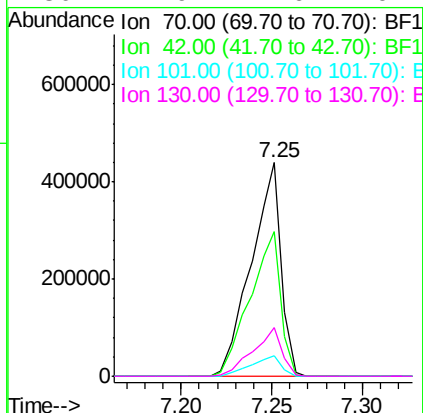
130 22.9 17.6 26.4

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#20

3+4-Methylphenols

Concen: 40.058 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

Tgt Ion: 107 Resp: 741364

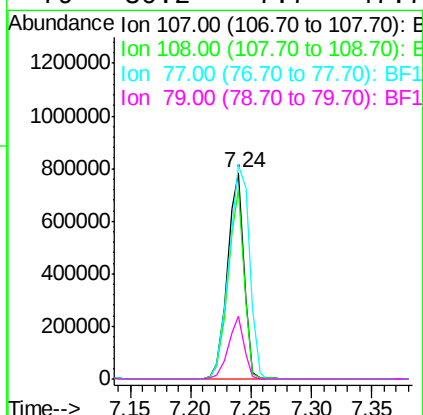
Ion Ratio Lower Upper

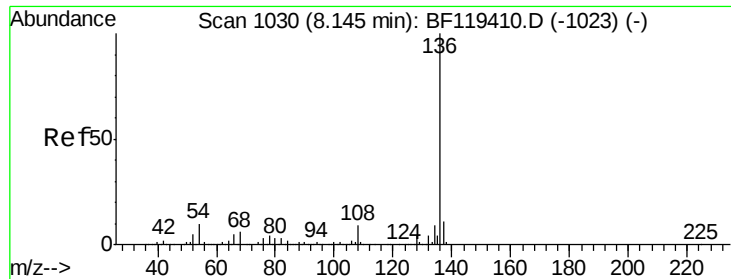
107 100

108 91.7 67.9 107.9

77 103.5 52.9 92.9#

79 30.2 7.7 47.7





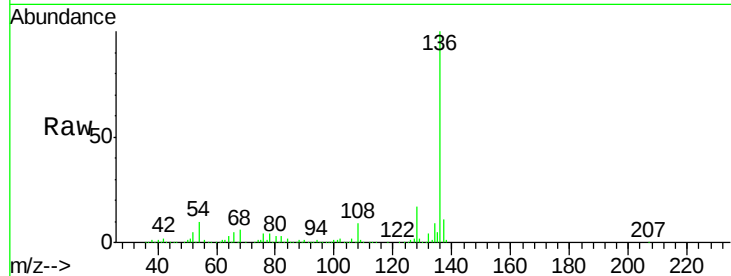
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

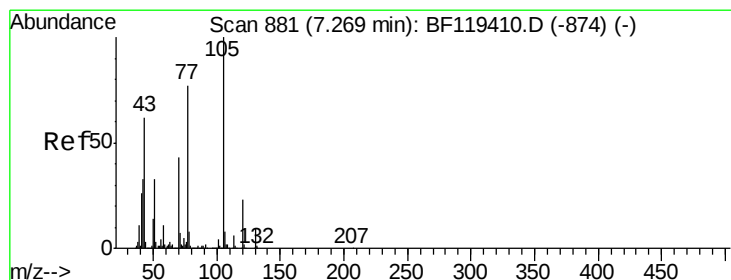
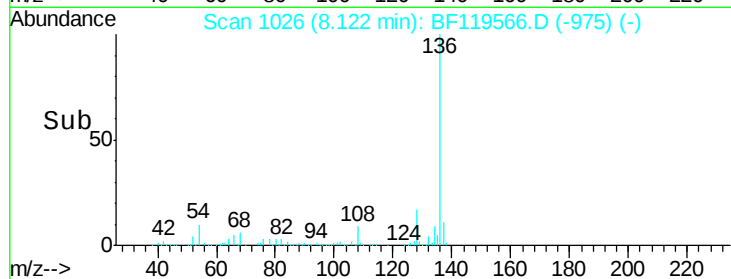
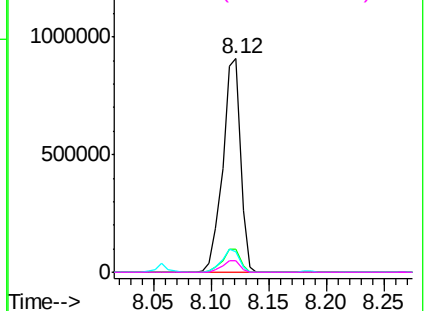
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.1  | 8.7  | 13.1  |       |
| 54      | 9.9   | 9.1  | 13.7  |       |
| 68      | 5.6   | 4.6  | 6.8   |       |

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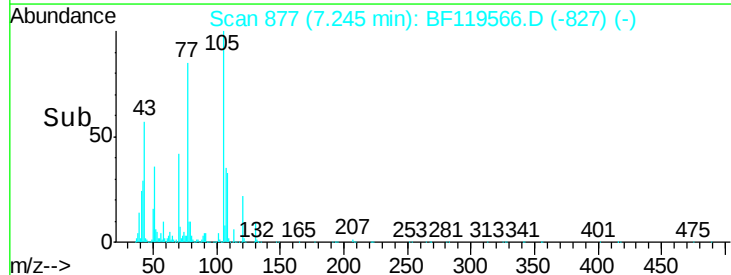
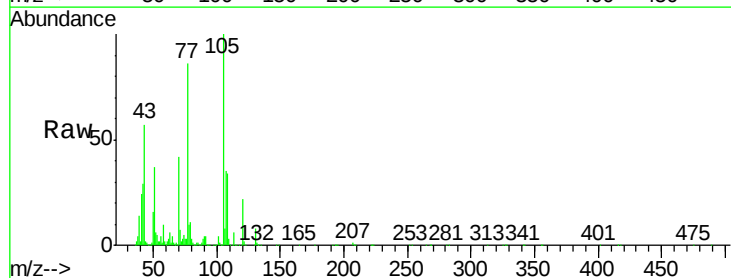
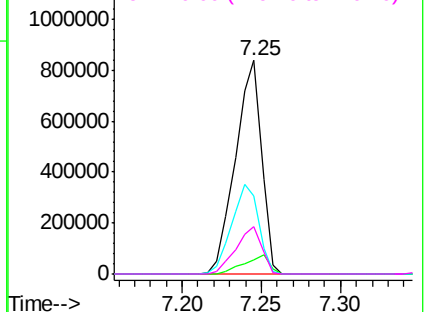
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

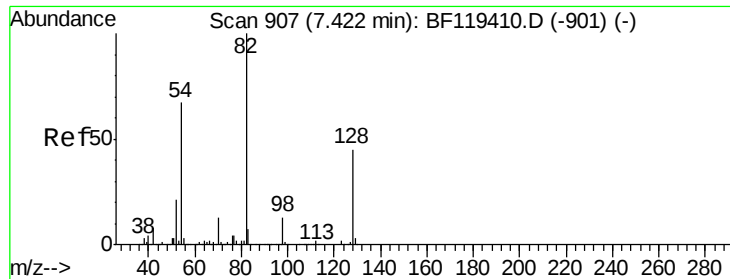


#22  
Acetophenone  
Concen: 41.218 ng  
RT: 7.25 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 6.9   | 5.7  | 8.5   |       |
| 51      | 36.5  | 26.2 | 39.4  |       |
| 120     | 22.2  | 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





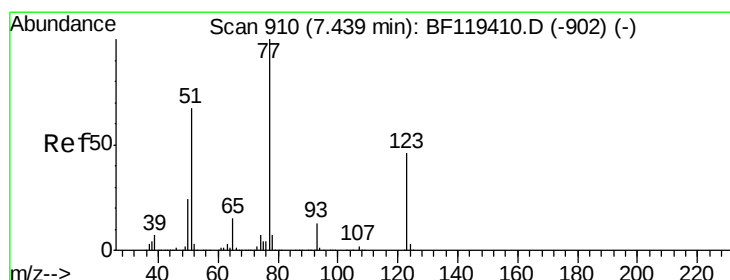
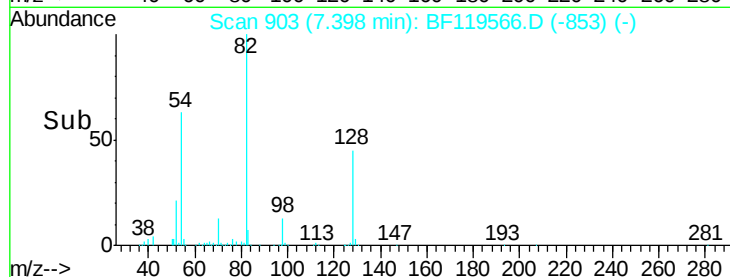
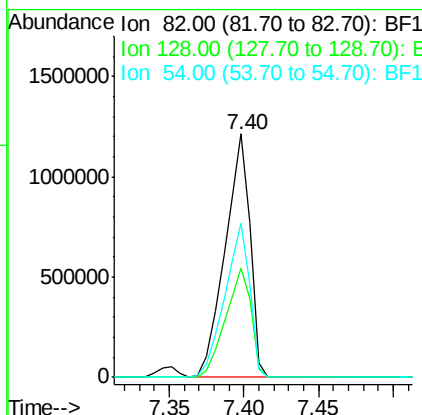
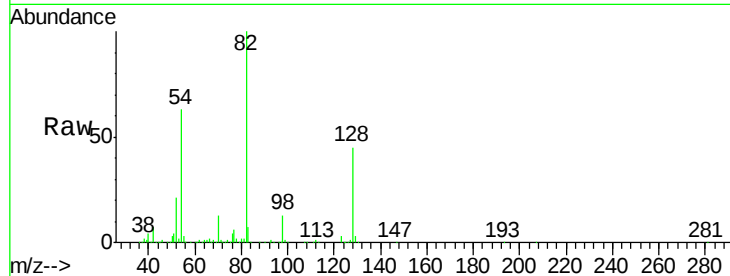
#23  
Nitrobenzene-d5  
Concen: 80.253 ng  
RT: 7.40 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.7  | 36.3  | 54.5  |
| 54      | 63.5  | 50.6  | 75.8  |

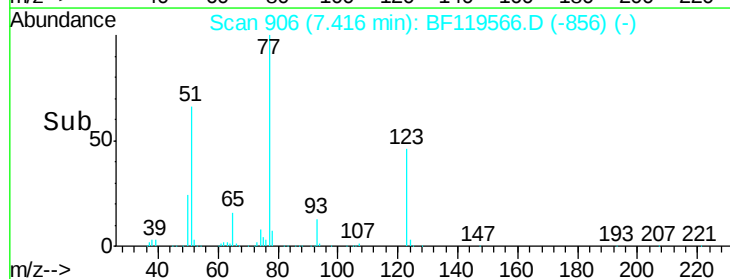
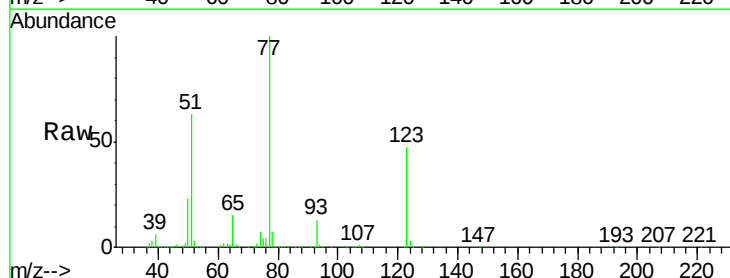
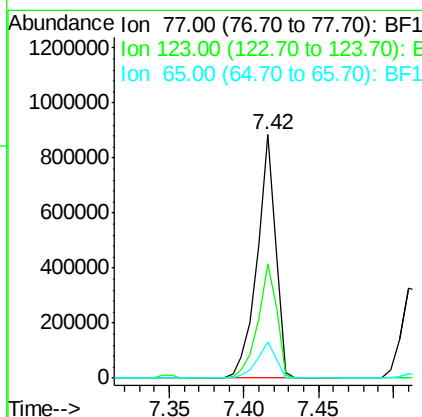
Manual Integrations  
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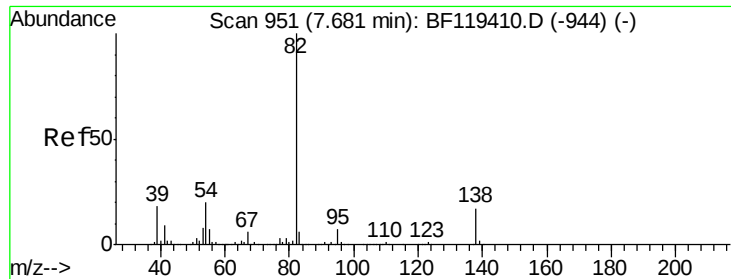
mohammad  
3/30/2020 8:51:08 AM



#24  
Nitrobenzene  
Concen: 39.350 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.7  | 38.0  | 57.0  |
| 65      | 15.1  | 12.6  | 18.8  |





#25

Isophorone

Concen: 39.390 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

Instrument :

BNA\_F

ClientSampleId :

PB127867BS

Tot Ion: 82 Resp: 1423299

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

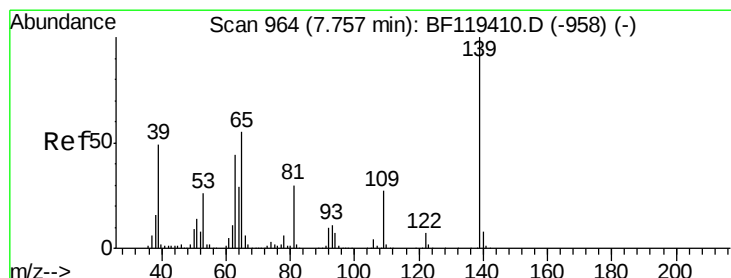
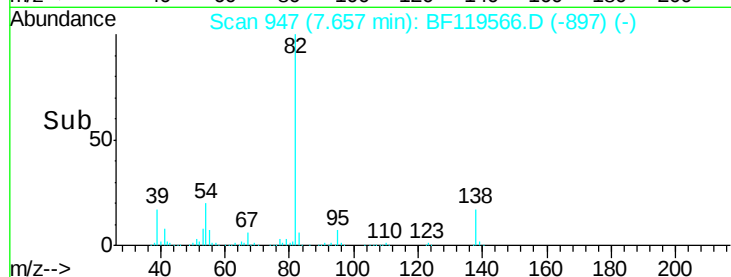
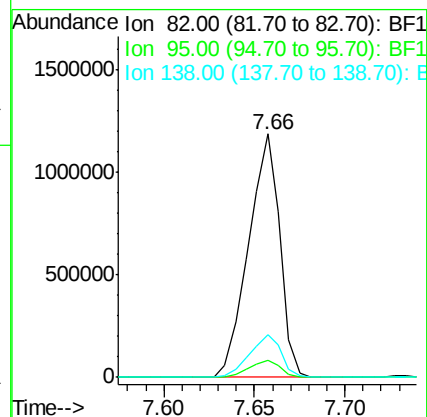
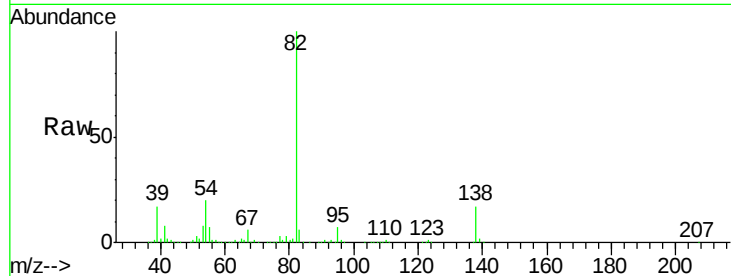
138 17.3 14.6 21.8

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#26

2-Nitrophenol

Concen: 52.419 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

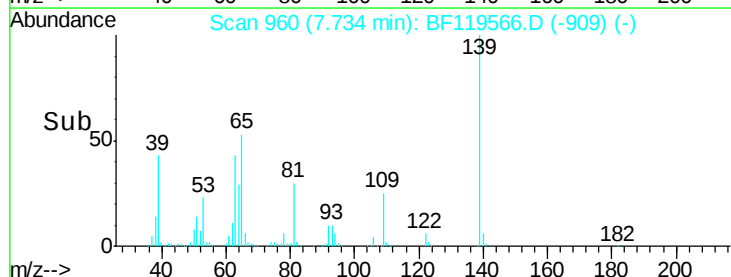
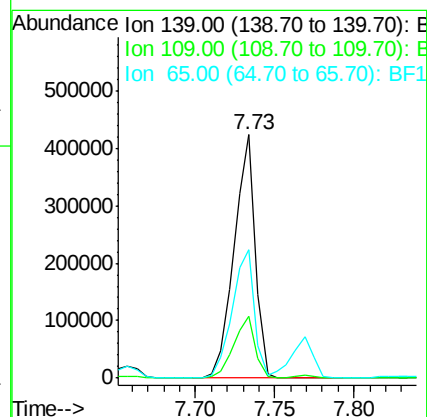
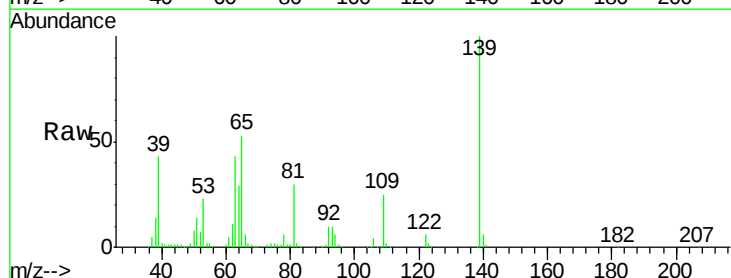
Tgt Ion: 139 Resp: 392899

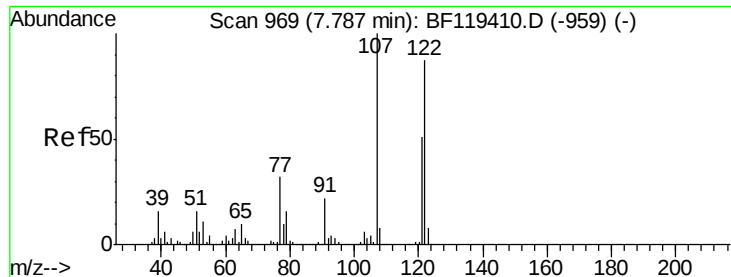
Ion Ratio Lower Upper

139 100

109 25.3 22.1 33.1

65 52.7 49.2 73.8





#27

2,4-Dimethylphenol

Concen: 43.626 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

Instrument :

BNA\_F

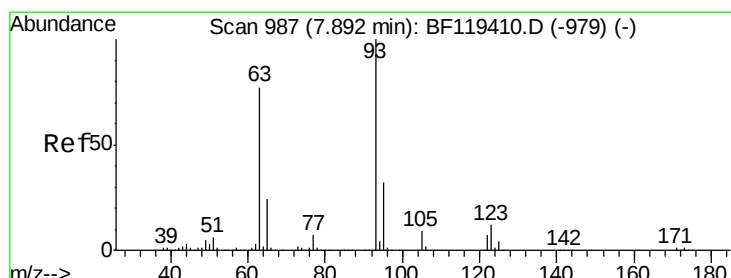
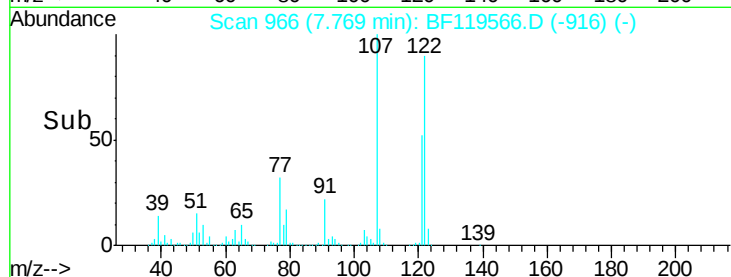
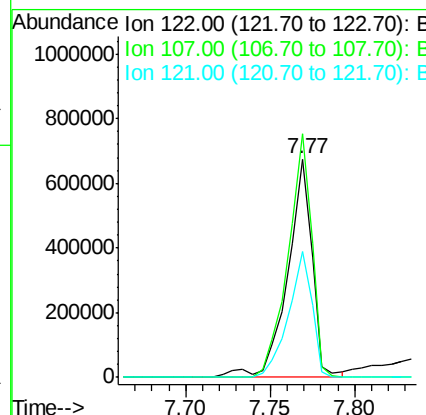
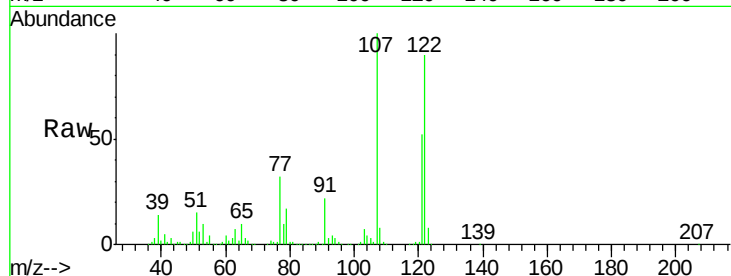
ClientSampled :

PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 111.7 | 89.0  | 133.6 |
| 121     | 57.9  | 46.7  | 70.1  |

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#28

bis(2-Chloroethoxy)methane

Concen: 41.580 ng

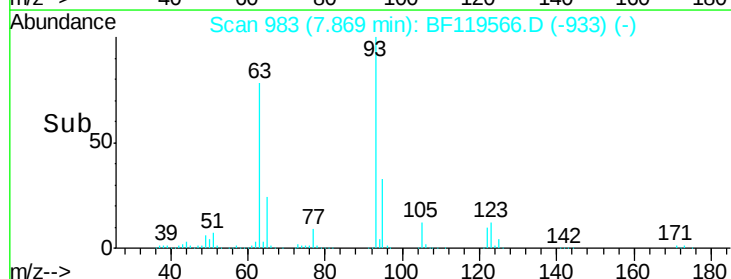
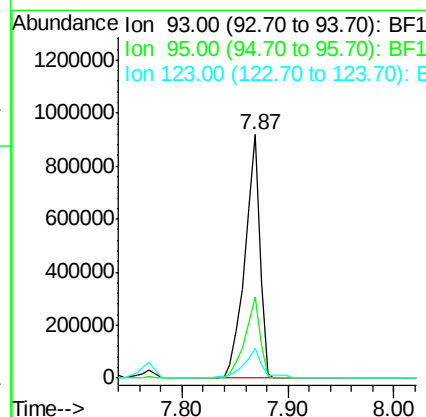
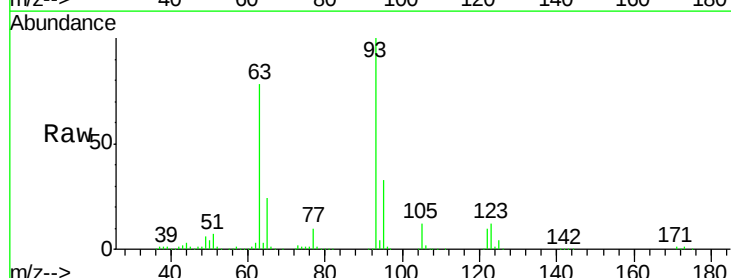
RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.4  | 26.3  | 39.5  |
| 123     | 12.2  | 9.7   | 14.5  |





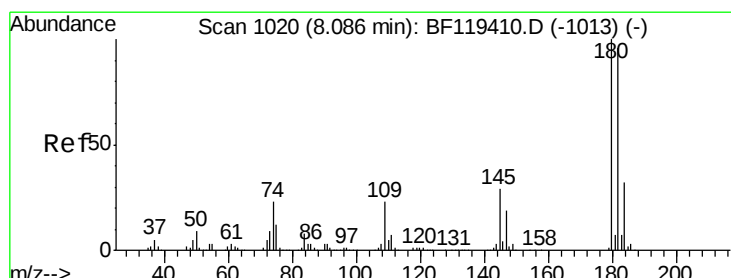
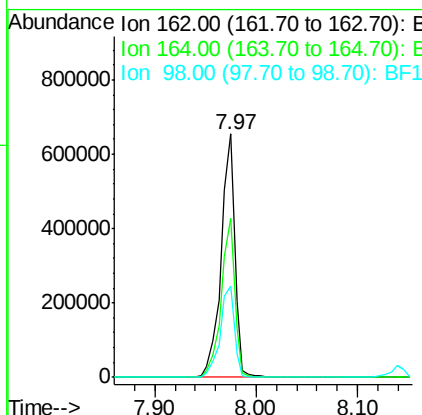
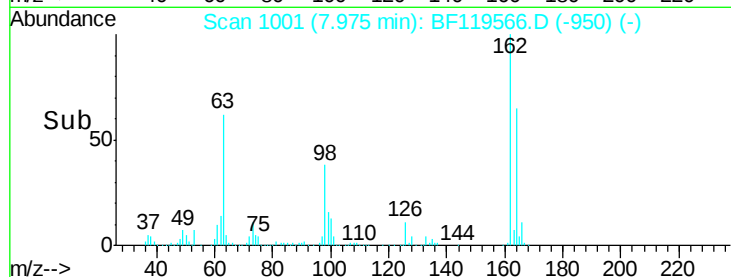
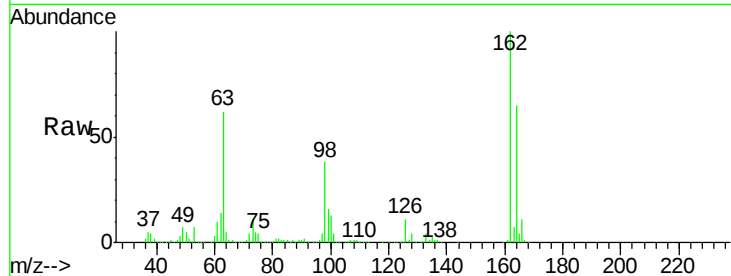
#29  
2,4-Dichlorophenol  
Concen: 43.262 ng  
RT: 7.97 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.2  | 44.7  | 84.7  |
| 98      | 37.5  | 20.7  | 60.7  |

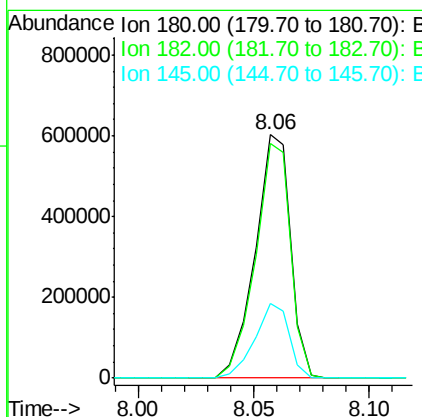
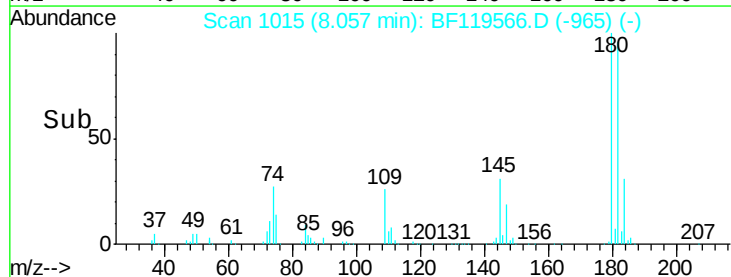
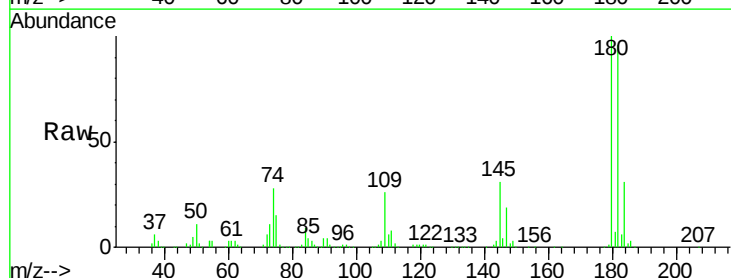
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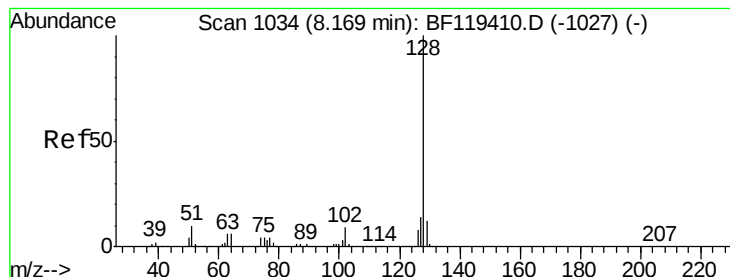
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#30  
1,2,4-Trichlorobenzene  
Concen: 40.856 ng  
RT: 8.06 min Scan# 1015  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 74.7  | 112.1 |
| 145     | 30.8  | 24.5  | 36.7  |





#31

Naphthalene

Concen: 41.068 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

Instrument :

BNA\_F

ClientSampleId :

PB127867BS

Tot Ion:128 Resp: 2045946

Ion Ratio Lower Upper

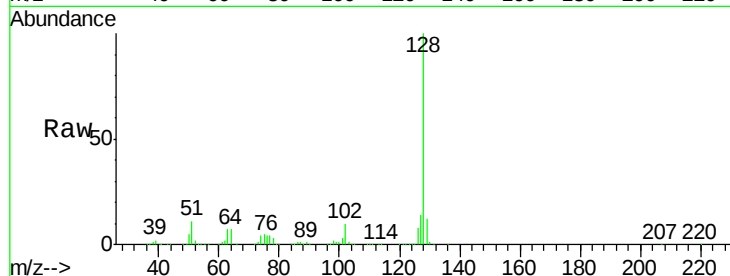
128 100

129 11.7 9.5 14.3

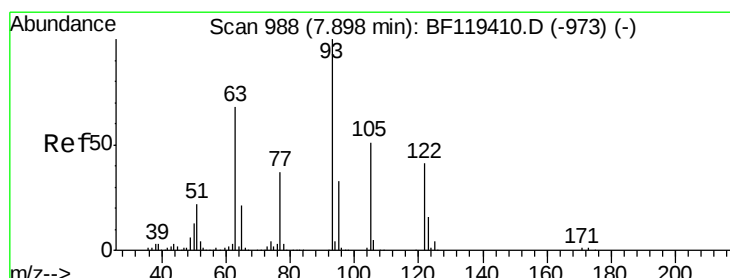
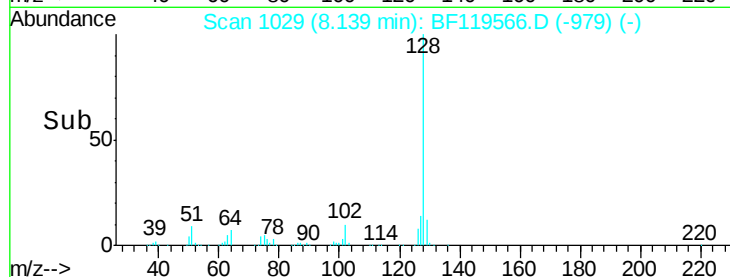
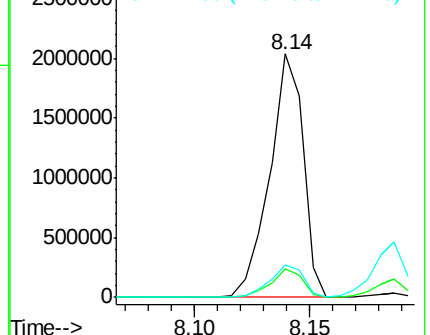
127 13.5 11.3 16.9

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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: 49.180 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

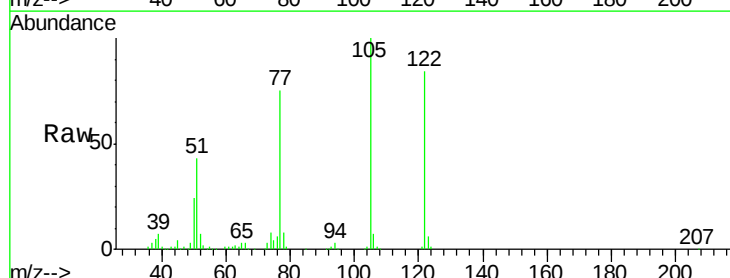
Tgt Ion:122 Resp: 490304

Ion Ratio Lower Upper

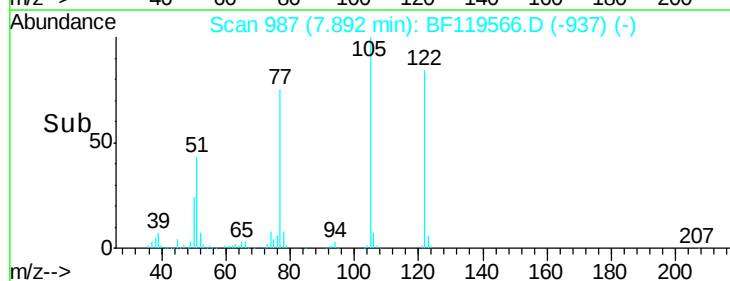
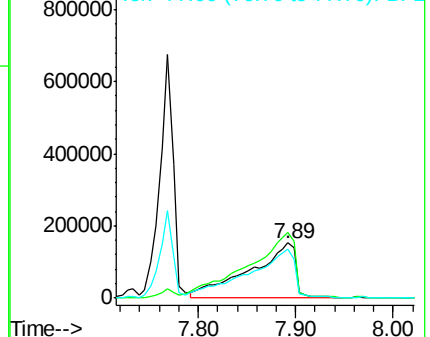
122 100

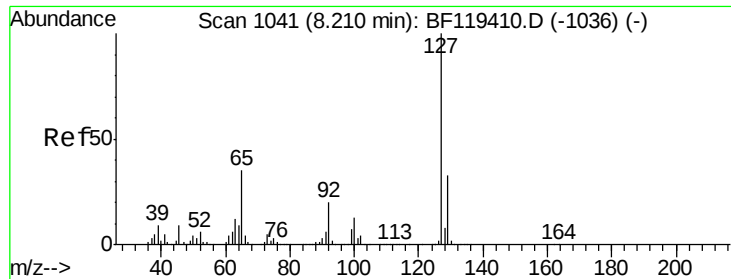
105 119.1 104.9 144.9

77 89.8 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





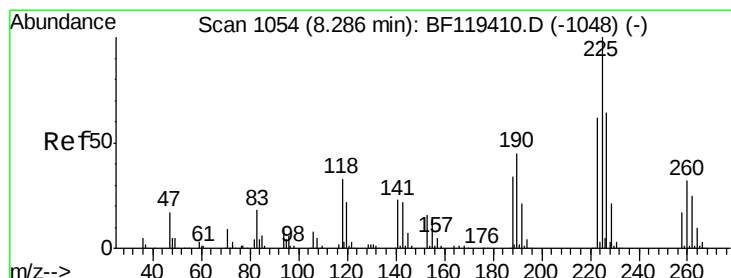
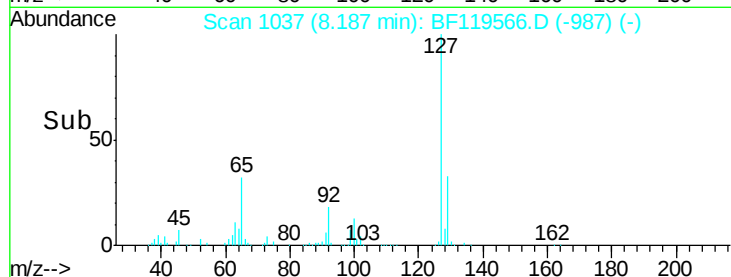
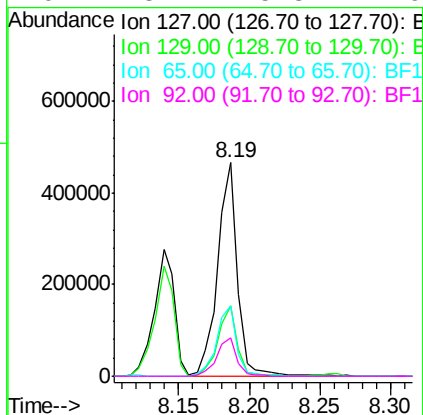
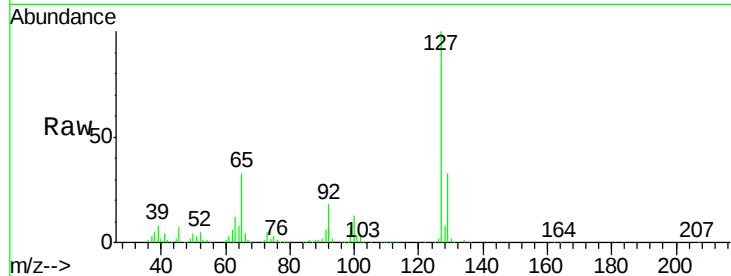
#33  
4-Chloroaniline  
Concen: 19.750 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 450848 |       |       |
| 129     | 33.0 | 26.2  | 39.4   |       |       |
| 65      | 33.3 | 27.4  | 41.0   |       |       |
| 92      | 18.1 | 15.3  | 22.9   |       |       |

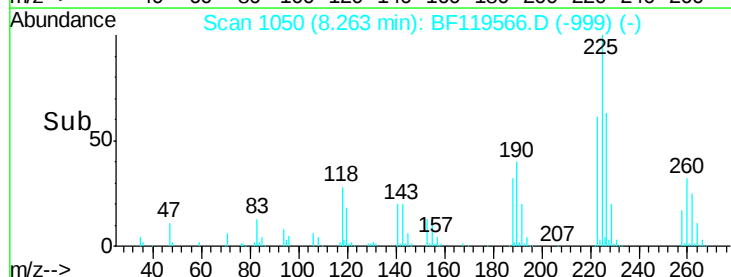
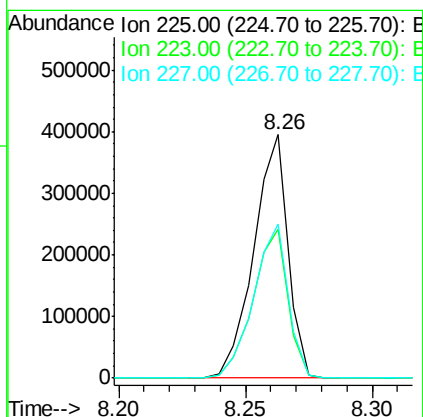
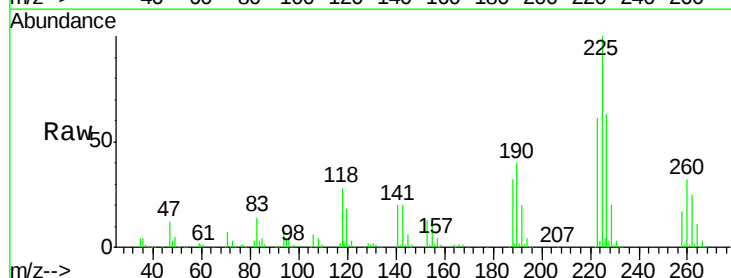
Manual Integrations  
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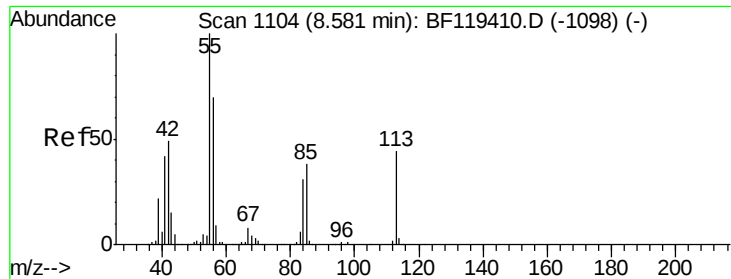
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#34  
Hexachlorobutadiene  
Concen: 42.004 ng  
RT: 8.26 min Scan# 1050  
Delta R.T. -0.00 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 370124 |       |       |
| 223     | 61.0 | 51.0  | 76.6   |       |       |
| 227     | 63.1 | 50.7  | 76.1   |       |       |





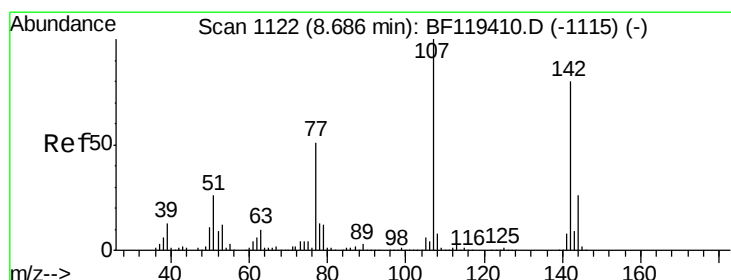
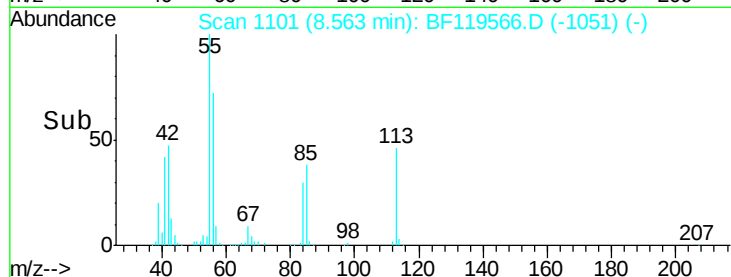
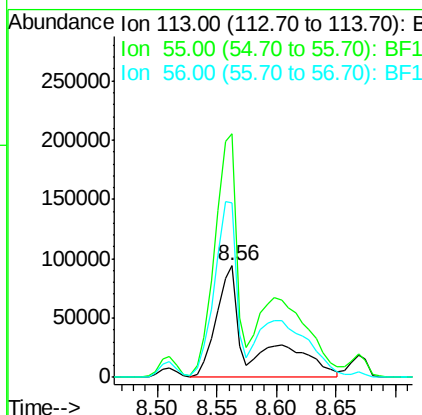
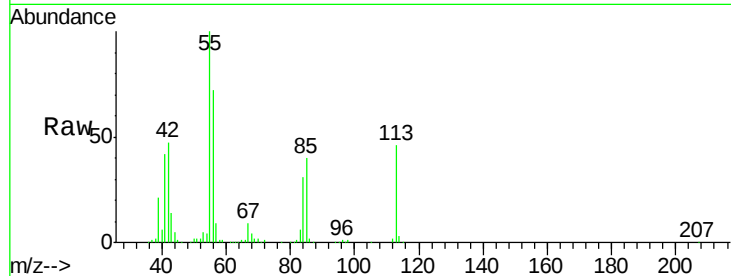
#35  
 Caprolactam  
 Concen: 42.170 ng/ml  
 RT: 8.56 min Scan# 1101  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 218.6 | 218.4 | 258.4 |
| 56      | 156.4 | 148.9 | 188.9 |

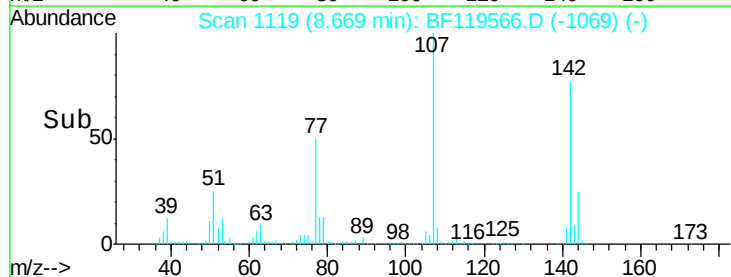
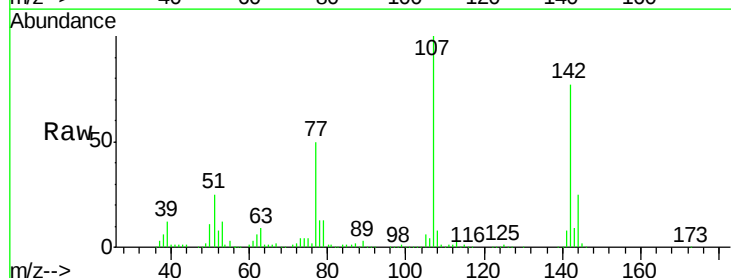
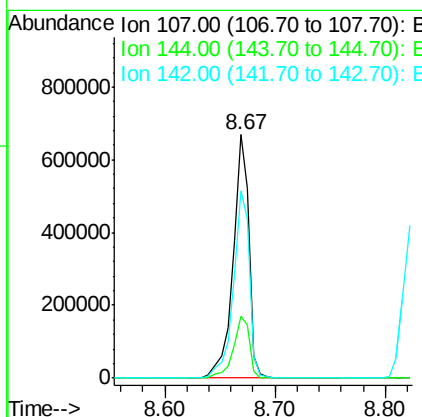
Manual Integrations  
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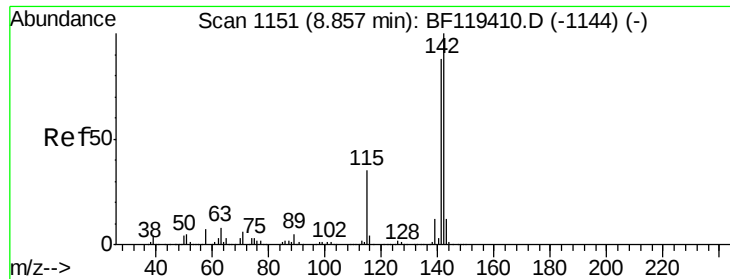
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#36  
 4-Chloro-3-methylphenol  
 Concen: 43.219 ng/ml  
 RT: 8.67 min Scan# 1119  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.5  | 21.0  | 31.6  |
| 142     | 77.0  | 64.4  | 96.6  |





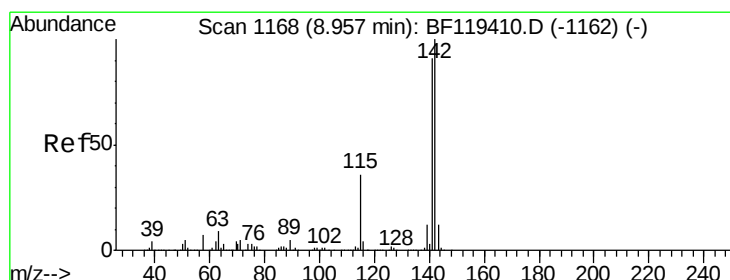
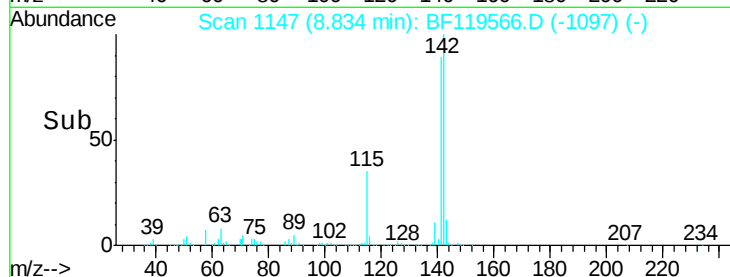
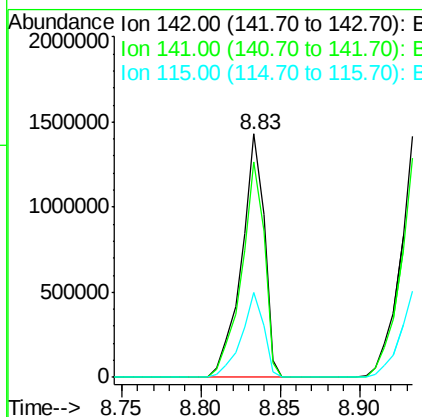
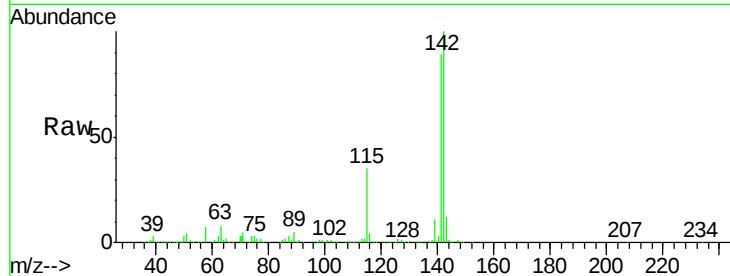
#37  
2-Methylnaphthalene  
Concen: 43.610 ng  
RT: 8.83 min Scan# 1147  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.7  | 71.7  | 107.5 |
| 115     | 34.8  | 27.9  | 41.9  |

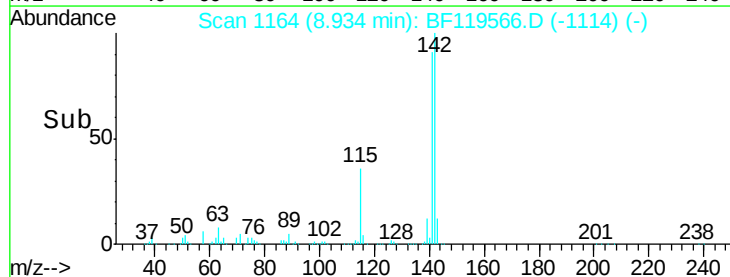
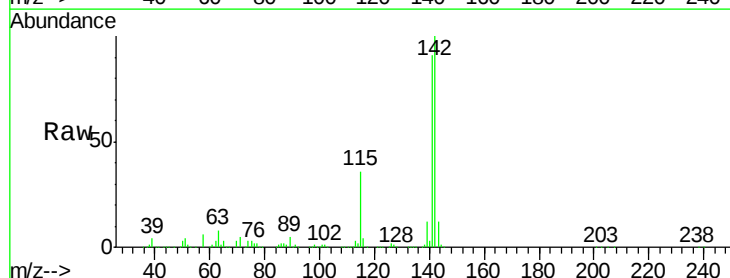
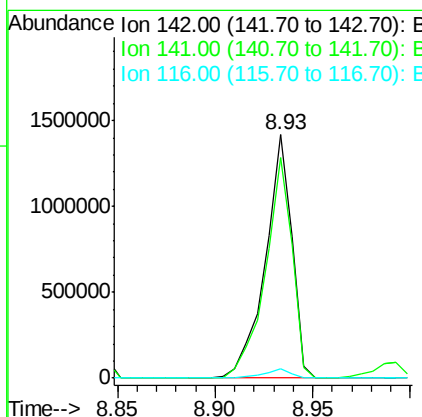
Manual Integrations  
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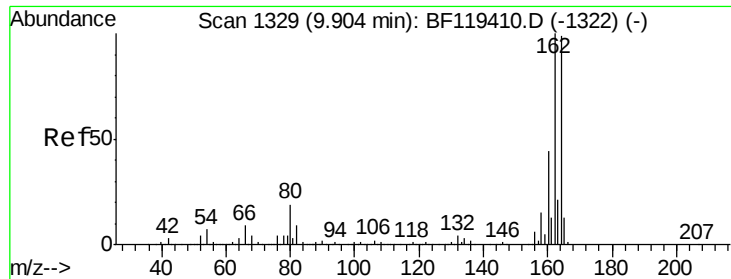
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 43.194 ng  
RT: 8.93 min Scan# 1164  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 73.7  | 110.5 |
| 116     | 3.7   | 3.0   | 4.6   |





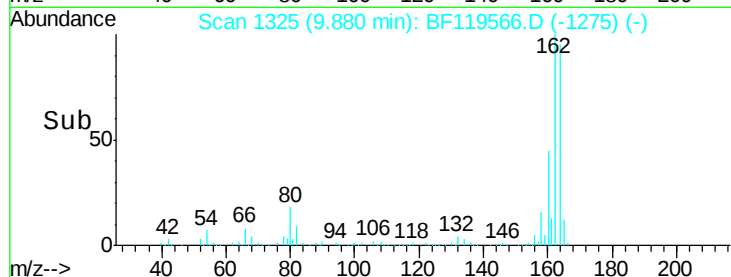
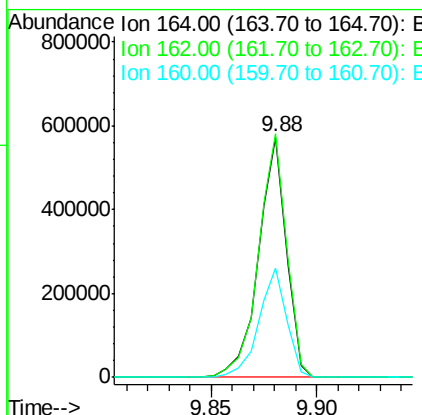
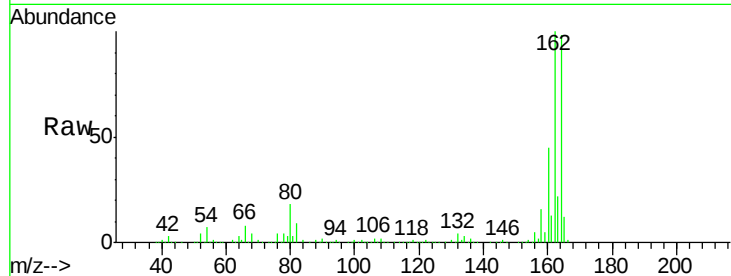
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 101.5 | 80.6 | 121.0 |       |
| 160     | 45.7  | 35.7 | 53.5  |       |

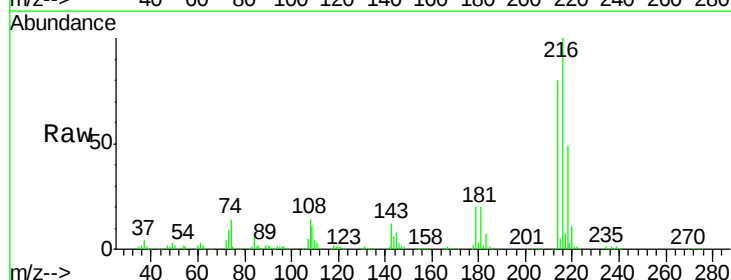
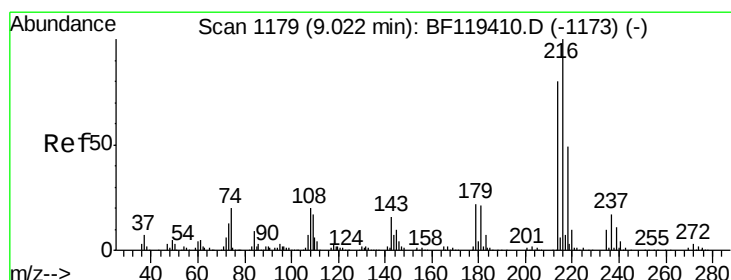
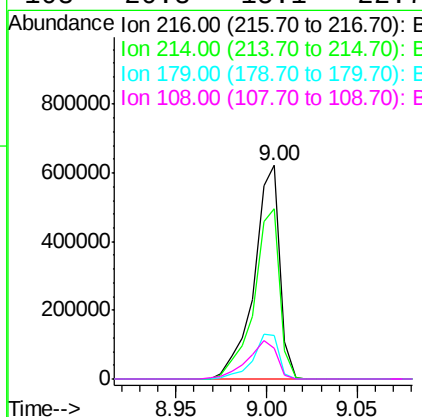
Manual Integrations  
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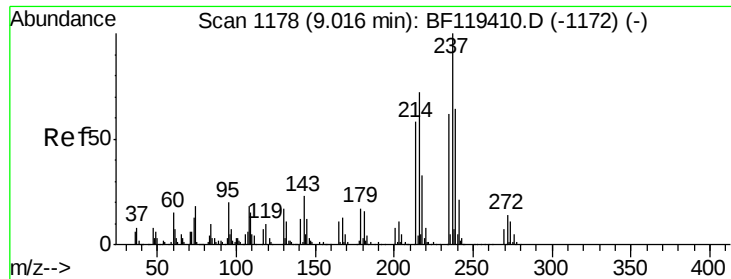
mohammad  
3/30/2020 8:51:08 AM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.556 ng  
RT: 9.00 min Scan# 1176  
Delta R.T. -0.00 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 80.2  | 63.2 | 94.8  |       |
| 179     | 21.1  | 17.1 | 25.7  |       |
| 108     | 20.8  | 15.1 | 22.7  |       |





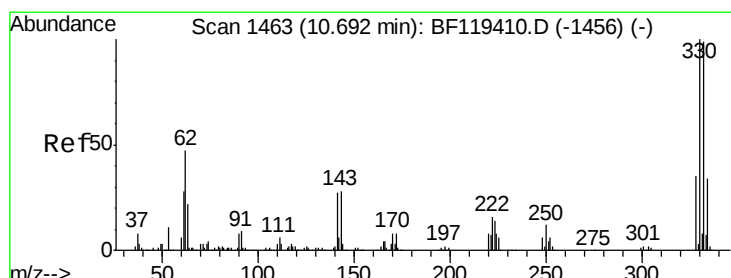
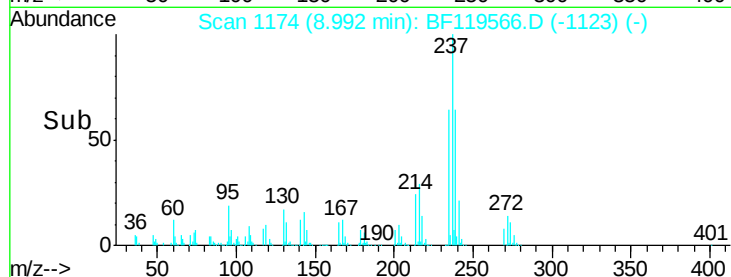
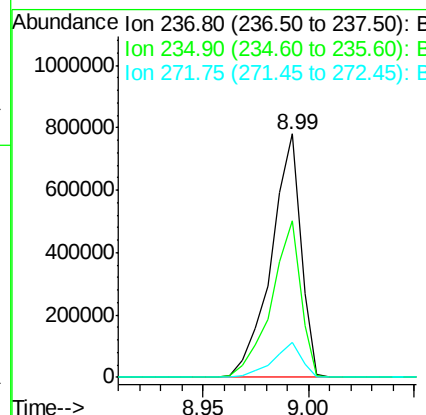
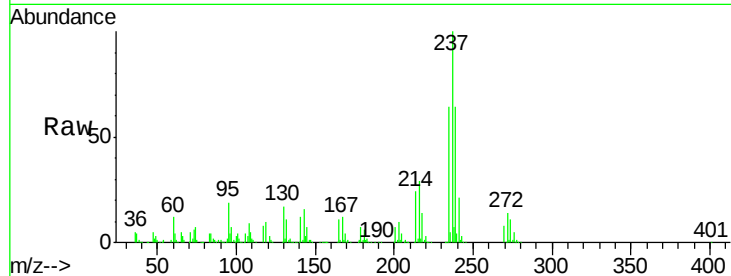
#41  
Hexachlorocyclopentadiene  
Concen: 86.769 ng  
RT: 8.99 min Scan# 1174  
Delta R.T. -0.00 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 64.4  | 43.2       | 83.2       |
| 272     | 14.4  | 0.0        | 34.1       |

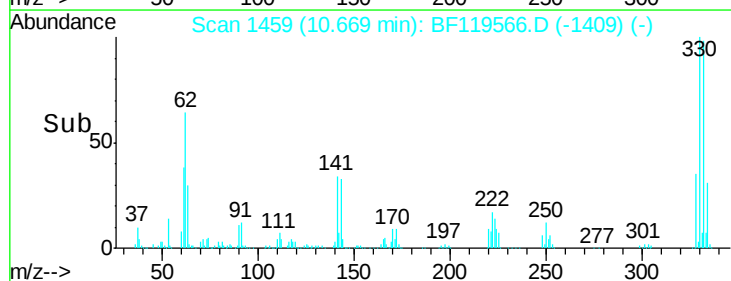
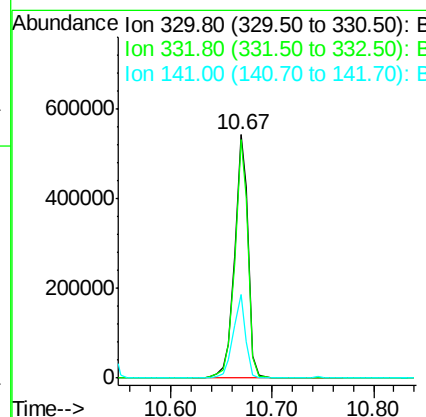
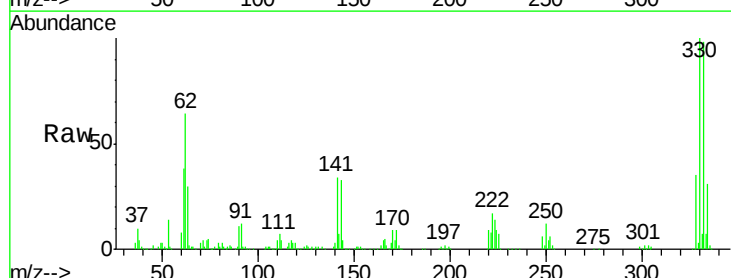
Manual Integrations  
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#42  
2,4,6-Tribromophenol  
Concen: 92.418 ng  
RT: 10.67 min Scan# 1459  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 95.6  | 75.7       | 113.5      |
| 141     | 31.8  | 25.4       | 38.0       |





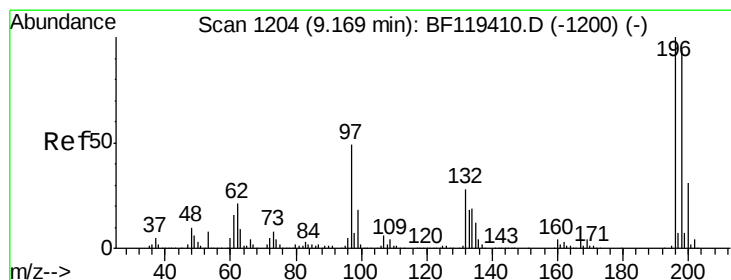
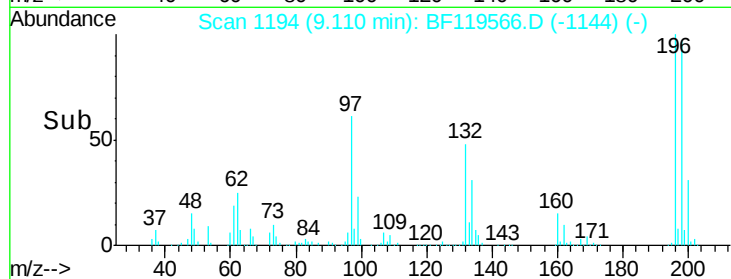
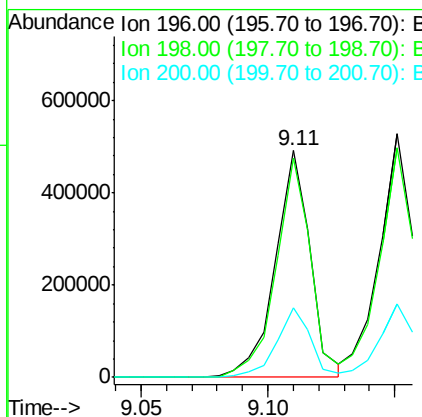
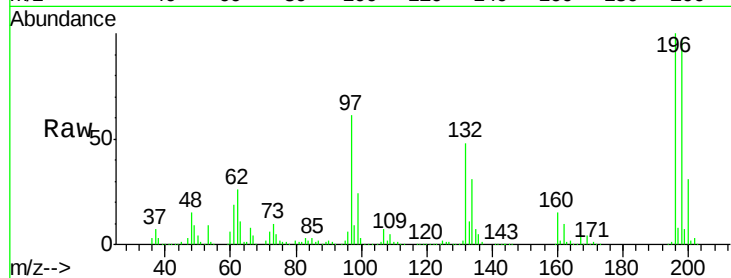
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.927 ng  
 RT: 9.11 min Scan# 1194  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127867BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 474731 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.7  | 76.6  | 115.0  |
| 200       | 30.6  | 24.6  | 36.8   |

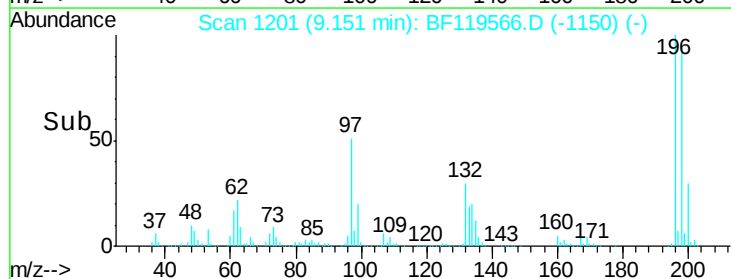
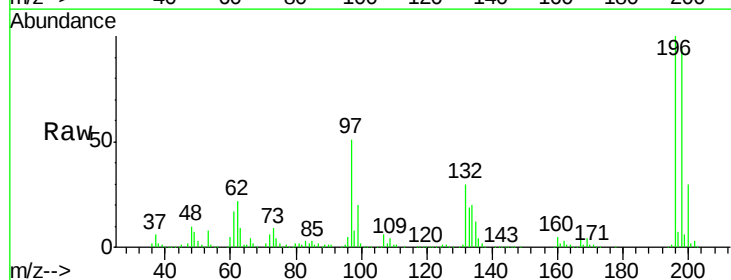
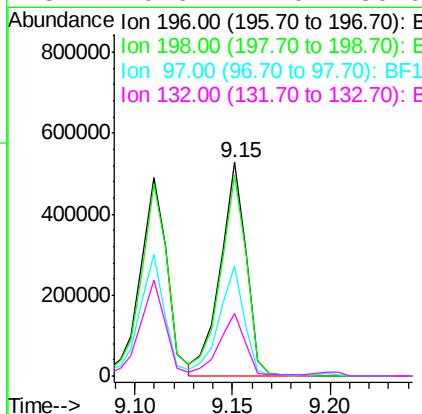
Manual Integrations  
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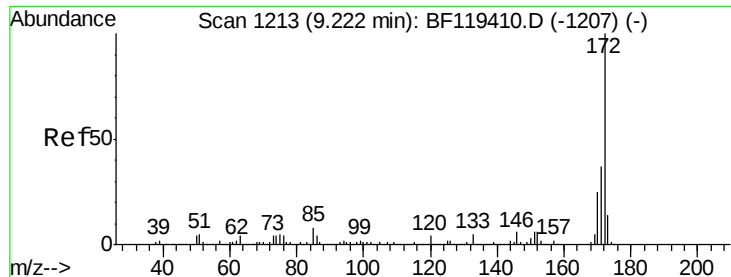
mohammad  
 3/30/2020 8:51:08 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.025 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.00 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 483470 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.3  | 73.8  | 110.8  |
| 97        | 51.4  | 42.6  | 63.8   |
| 132       | 29.6  | 24.0  | 36.0   |





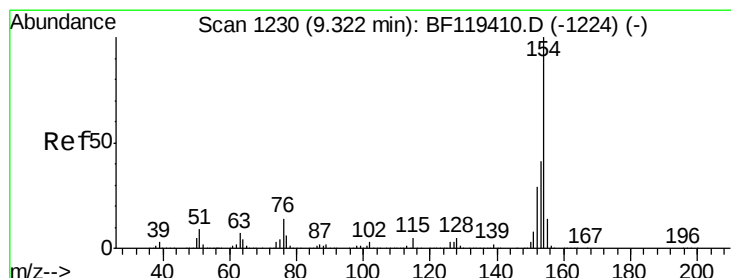
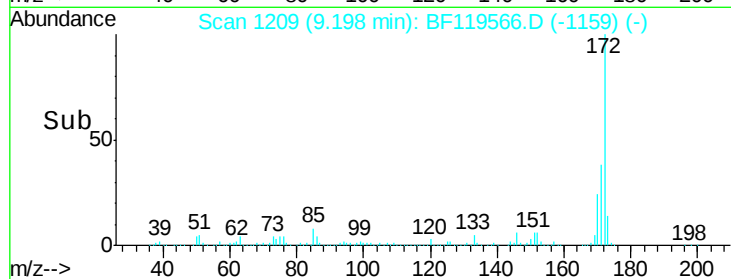
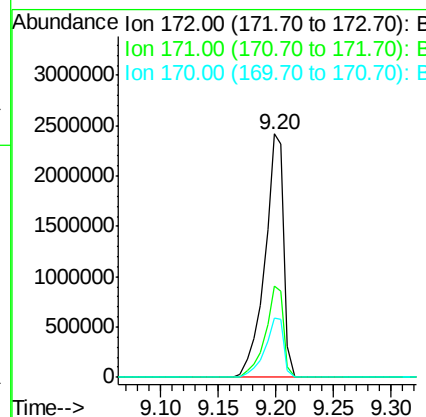
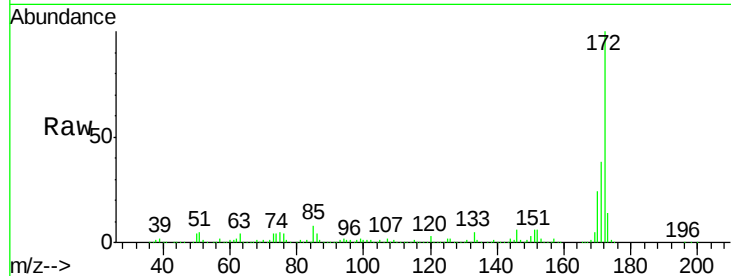
#45  
 2-Fluorobiphenyl  
 Concen: 77.691 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.7  | 29.6  | 44.4  |
| 170     | 24.4  | 20.2  | 30.2  |

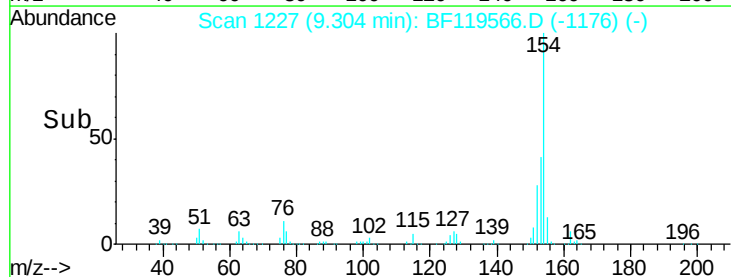
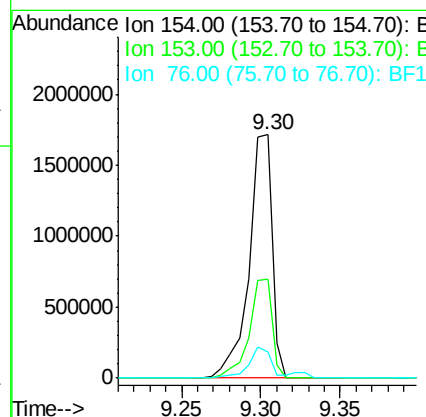
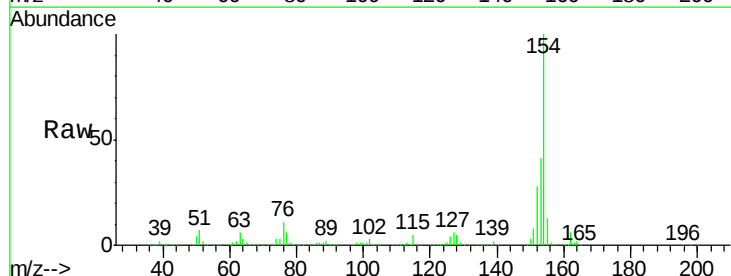
Manual Integrations  
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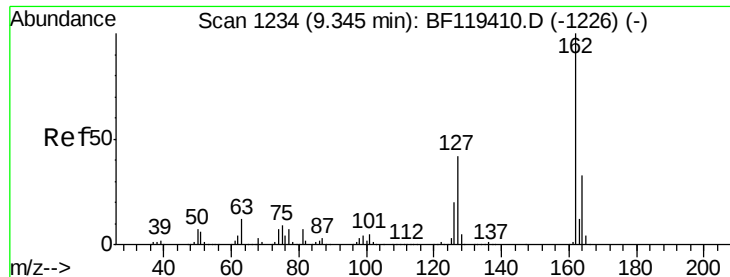
mohammad  
 3/30/2020 8:51:08 AM



#46  
 1,1'-Biphenyl  
 Concen: 40.090 ng  
 RT: 9.30 min Scan# 1227  
 Delta R.T. -0.00 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.8  | 21.4  | 61.4  |
| 76      | 10.8  | 0.0   | 33.0  |





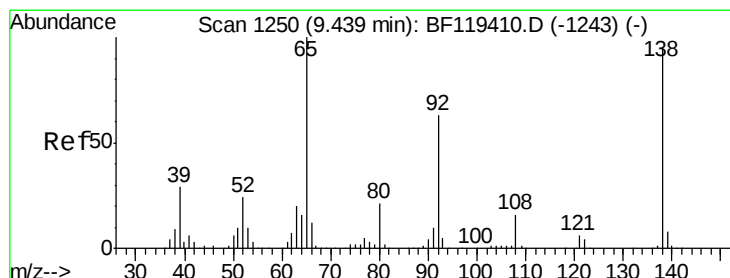
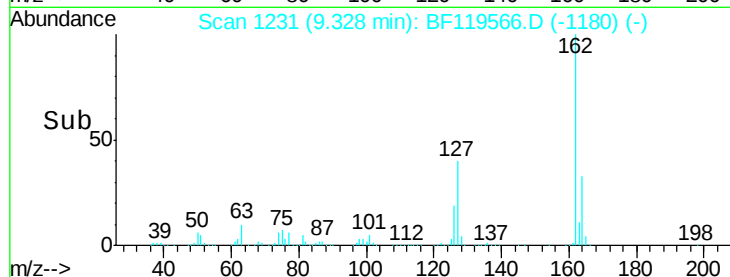
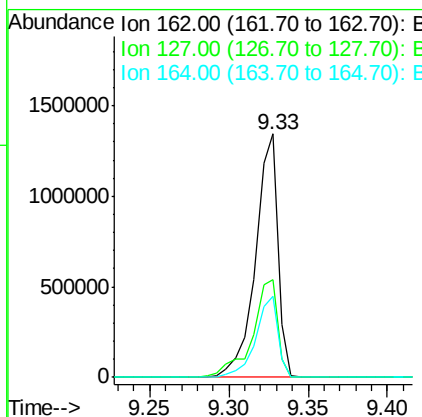
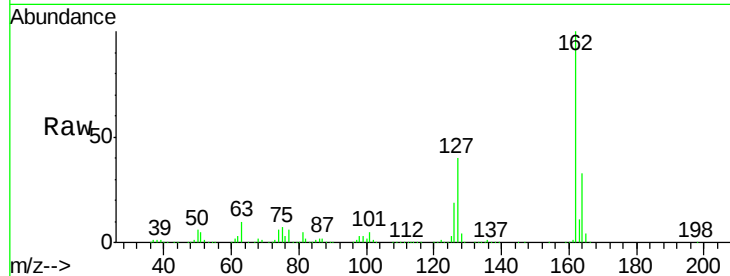
#47  
 2-Chloronaphthalene  
 Concen: 39.367 ng  
 RT: 9.33 min Scan# 1231  
 Delta R.T. -0.00 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.9  | 33.7  | 50.5  |
| 164     | 33.1  | 26.3  | 39.5  |

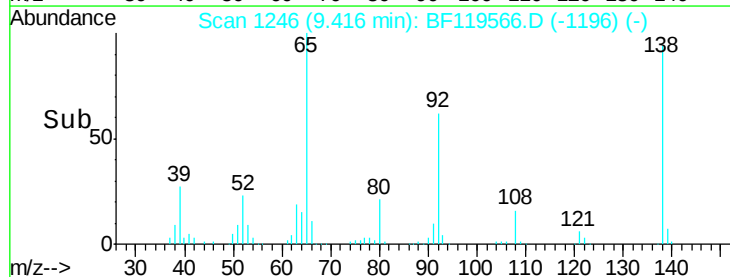
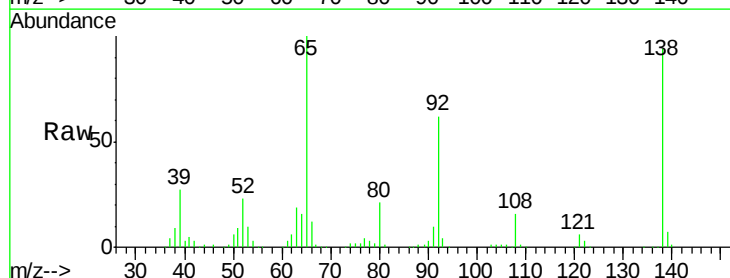
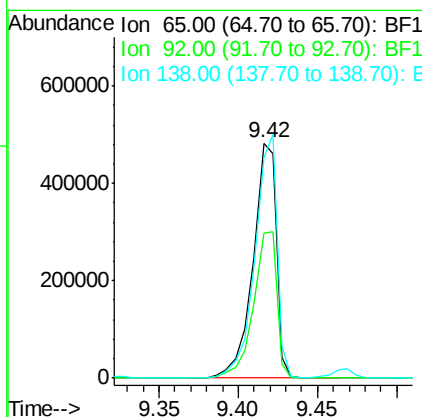
Manual Integrations  
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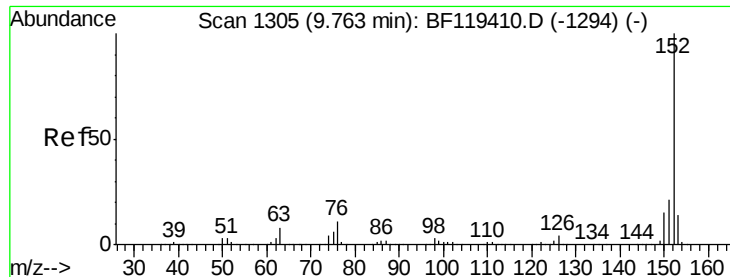
mohammad  
 3/30/2020 8:51:08 AM



#48  
 2-Nitroaniline  
 Concen: 42.715 ng  
 RT: 9.42 min Scan# 1246  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.9  | 50.0  | 75.0  |
| 138     | 93.9  | 75.0  | 112.4 |





#49

Acenaphthylene

Concen: 40.478 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

Instrument :

BNA\_F

ClientSampled :

PB127867BS

Tot Ion:152 Resp: 2138093

Ion Ratio Lower Upper

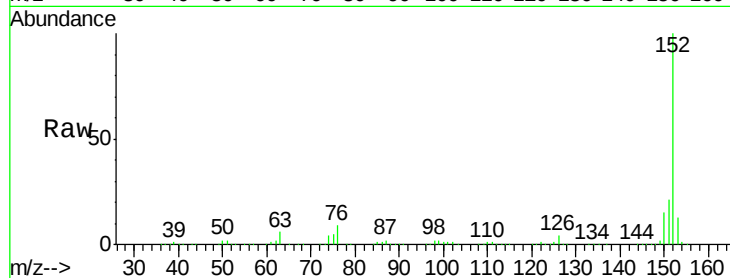
152 100

151 20.6 17.2 25.8

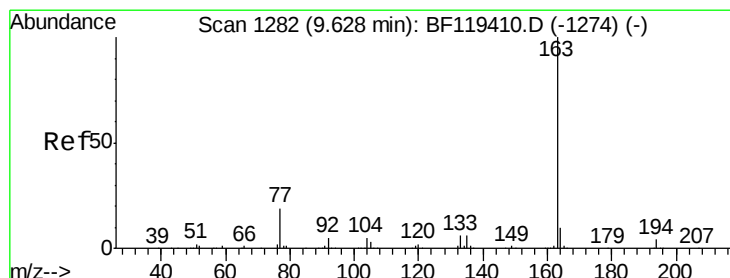
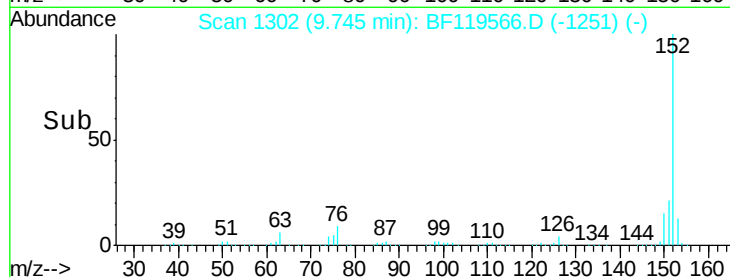
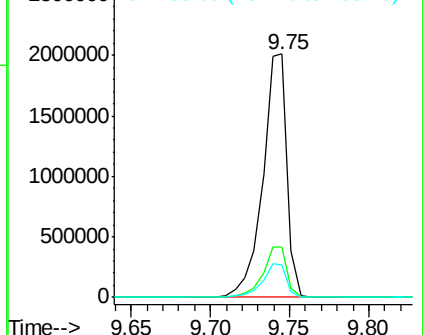
153 13.3 11.2 16.8

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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: 42.442 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

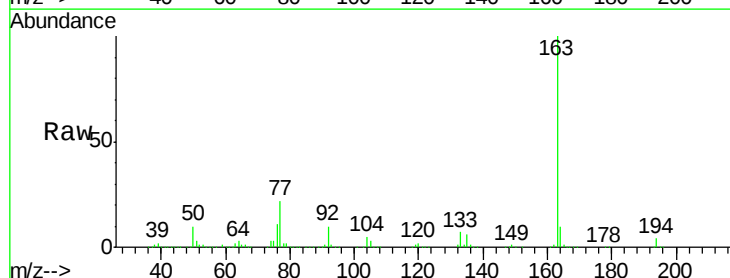
Tgt Ion:163 Resp: 1589439

Ion Ratio Lower Upper

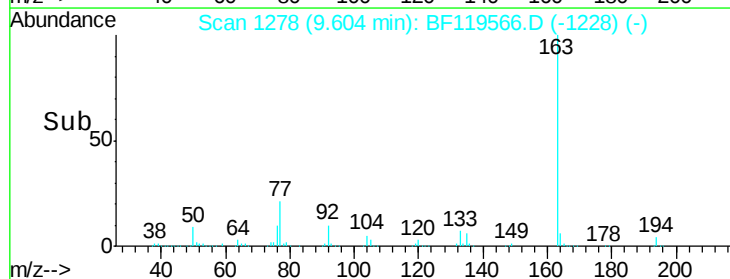
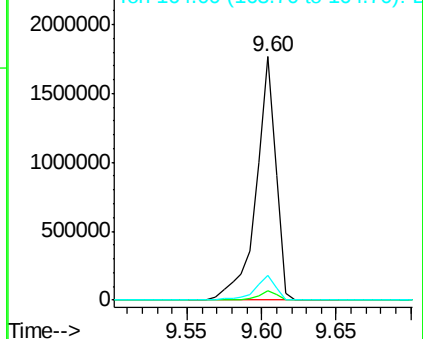
163 100

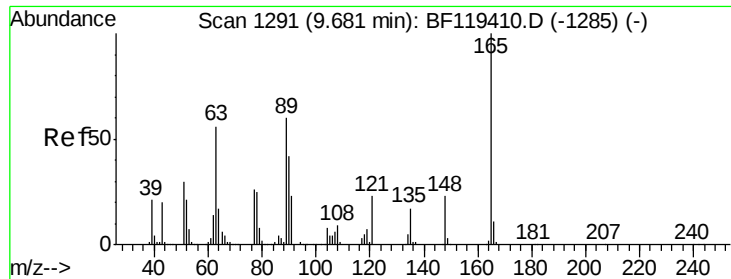
194 3.8 3.1 4.7

164 10.4 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





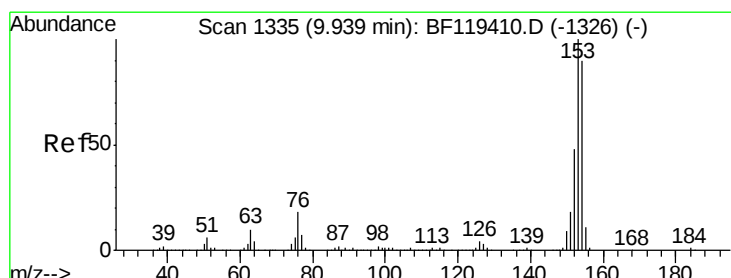
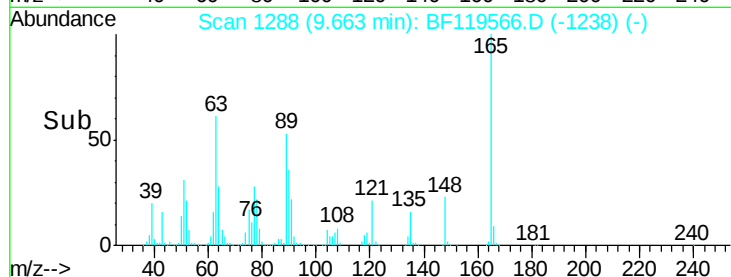
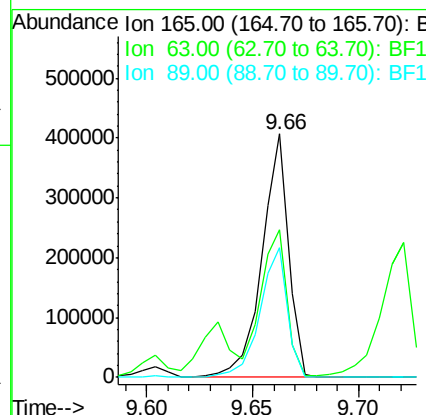
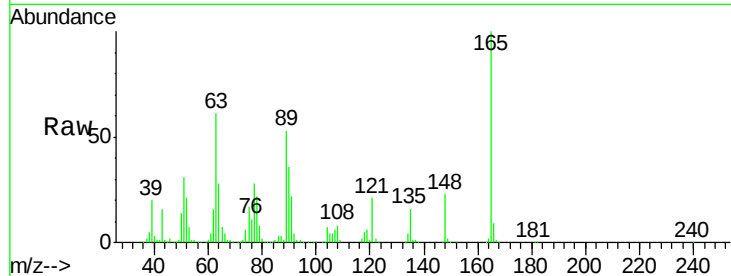
#51  
2,6-Dinitrotoluene  
Concen: 44.515 ng  
RT: 9.66 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampled :  
PB127867BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 357326 |       |       |
| 63      | 60.8  | 45.0   | 67.4  |       |
| 89      | 53.3  | 41.5   | 62.3  |       |

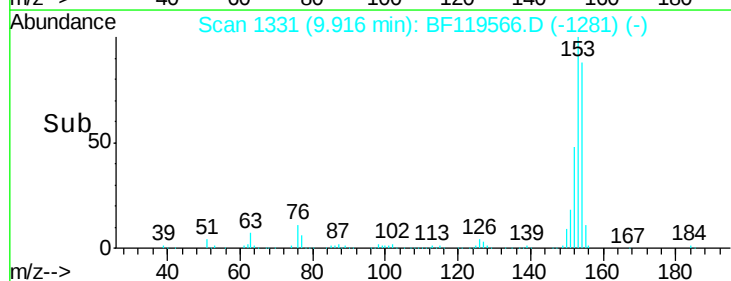
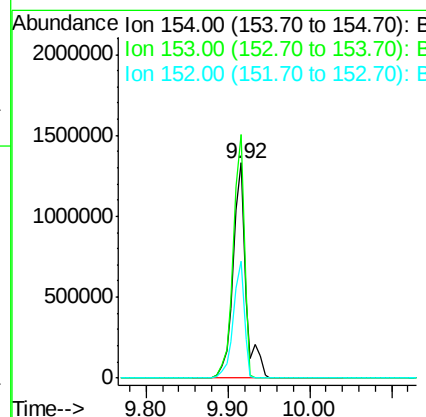
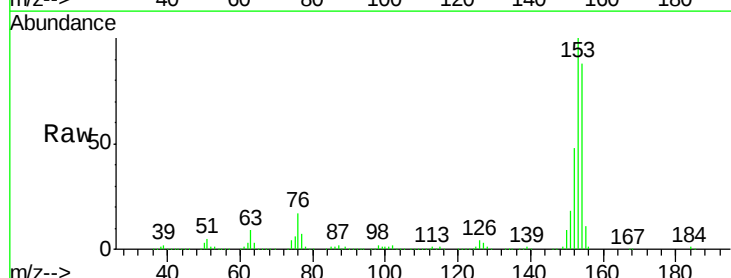
Manual Integrations  
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#52  
Acenaphthene  
Concen: 43.428 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1430044 |       |       |
| 153     | 113.1 | 88.1    | 132.1 |       |
| 152     | 54.2  | 43.0    | 64.4  |       |





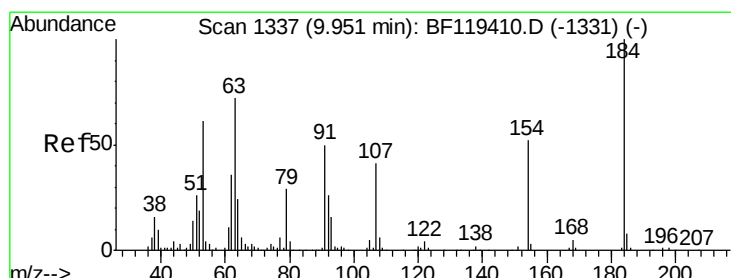
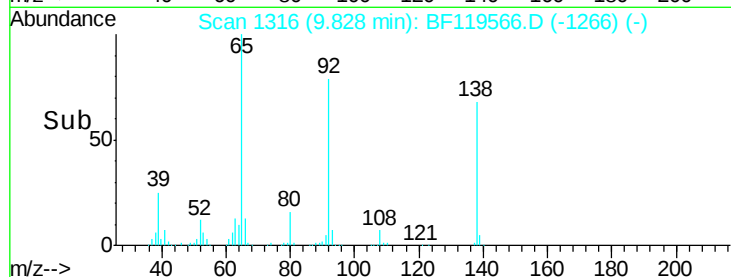
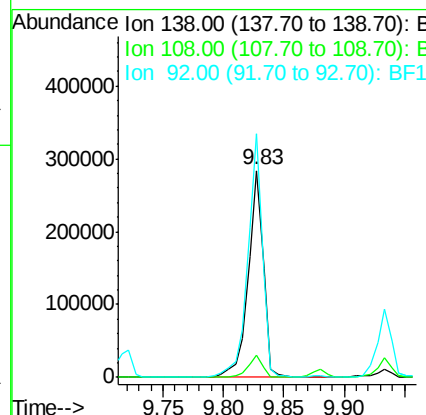
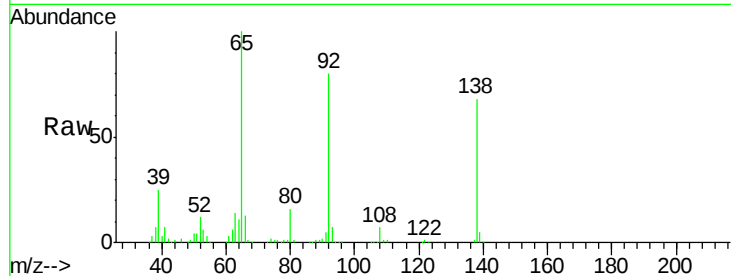
#53  
3-Nitroaniline  
Concen: 24.748 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 250798 |       |       |
| 108     | 10.5  | 8.6    | 13.0  |       |
| 92      | 117.7 | 95.4   | 143.0 |       |

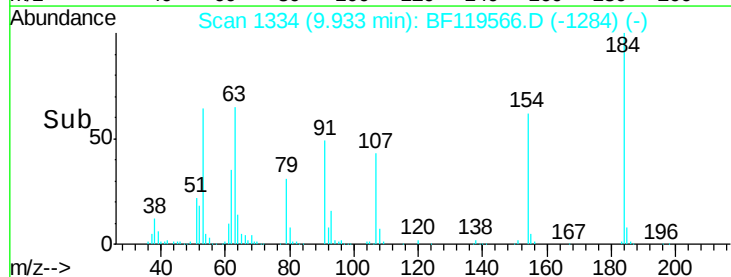
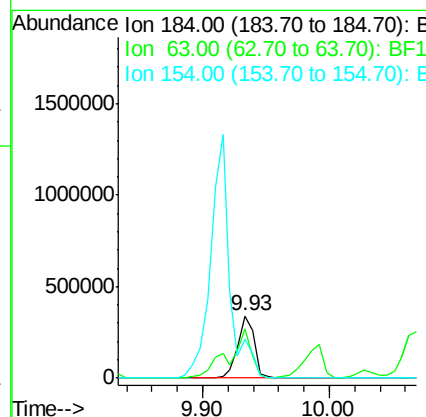
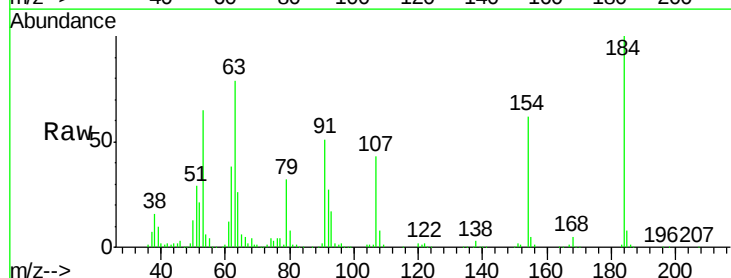
Manual Integrations  
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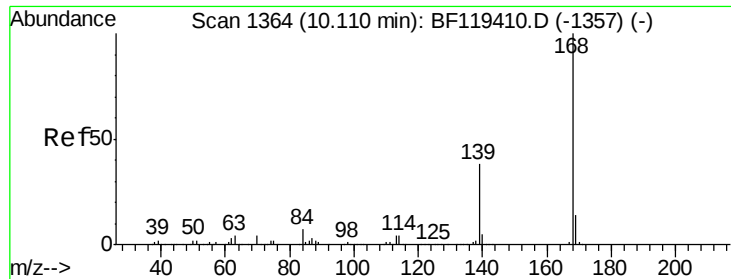
mohammad  
3/30/2020 8:51:08 AM



#54  
2,4-Dinitrophenol  
Concen: 87.584 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 306847 |       |       |
| 63      | 78.8  | 50.2   | 75.4# |       |
| 154     | 61.8  | 44.5   | 66.7  |       |





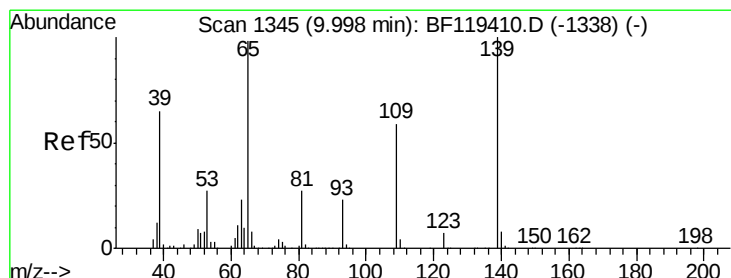
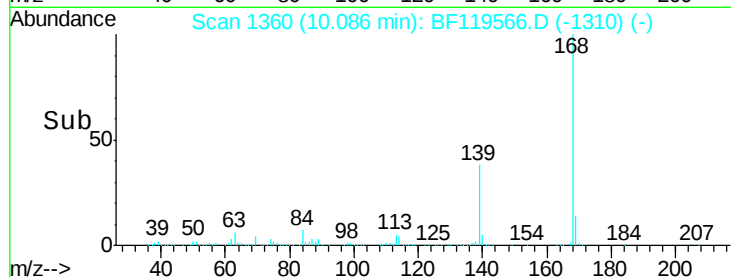
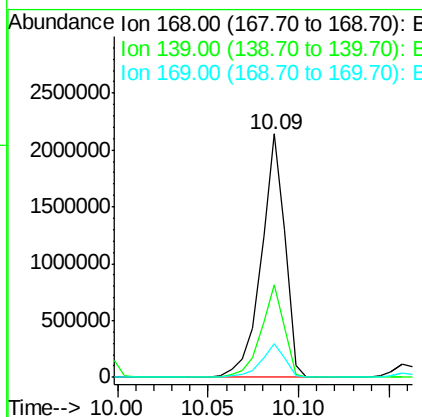
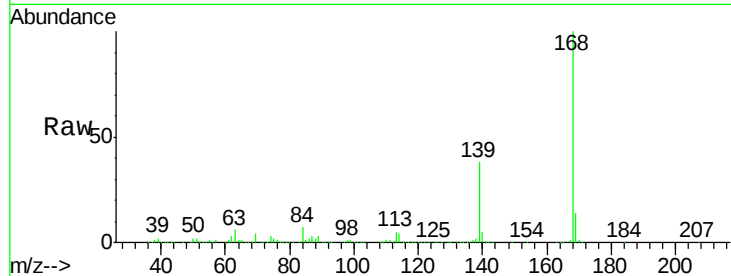
#55  
Dibenzofuran  
Concen: 40.965 ng  
RT: 10.09 min Scan# 1360  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

Tot Ion:168 Resp: 1934019  
Ion Ratio Lower Upper  
168 100  
139 37.9 30.1 45.1  
169 13.9 11.0 16.6

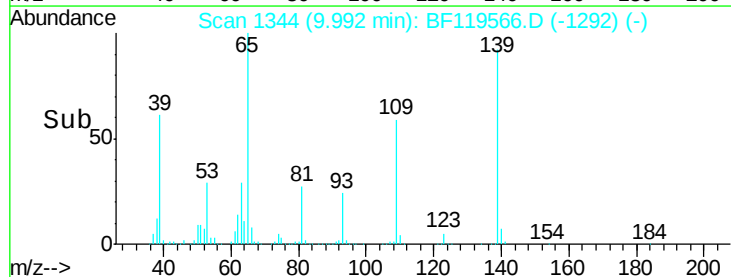
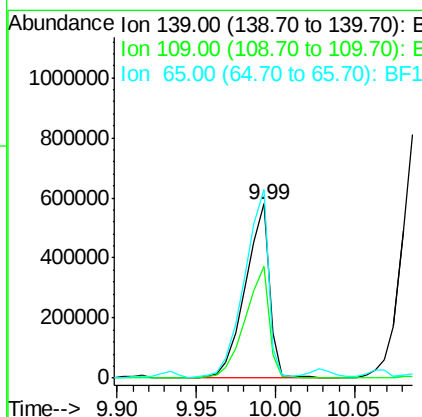
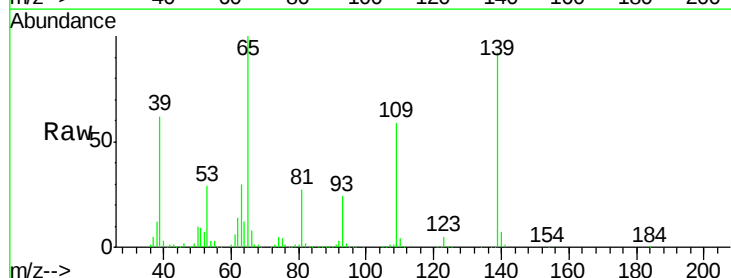
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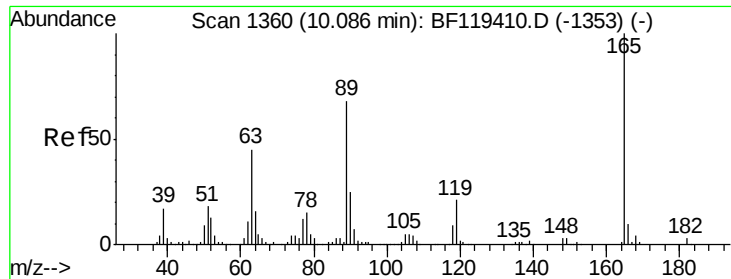
mohammad  
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#56  
4-Nitrophenol  
Concen: 76.392 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. 0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Tgt Ion:139 Resp: 610714  
Ion Ratio Lower Upper  
139 100  
109 64.5 43.3 83.3  
65 108.8 91.0 131.0





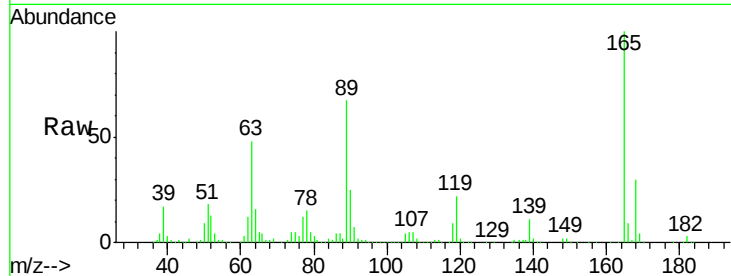
#57  
2,4-Dinitrotoluene  
Concen: 47.122 ng  
RT: 10.07 min Scan# 1357  
Delta R.T. -0.00 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.2  | 42.6  | 64.0  |
| 89      | 67.2  | 61.0  | 91.4  |
| 182     | 2.6   | 2.2   | 3.2   |

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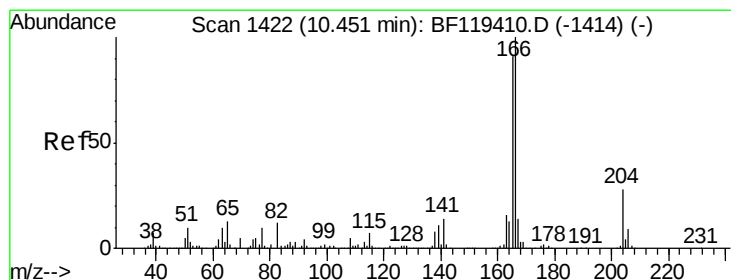
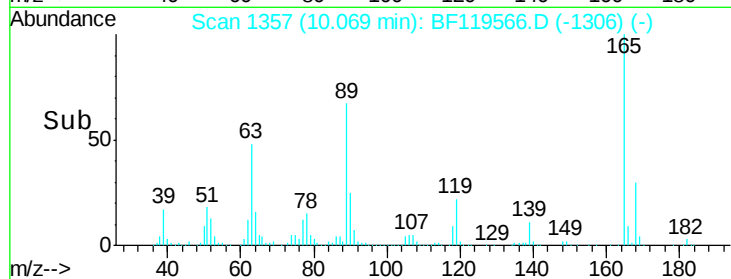
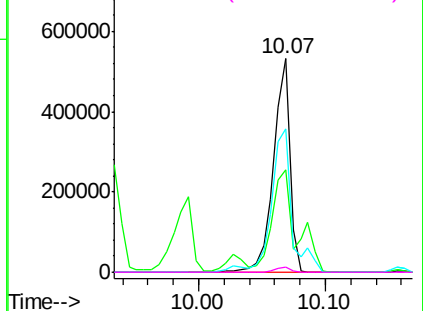


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

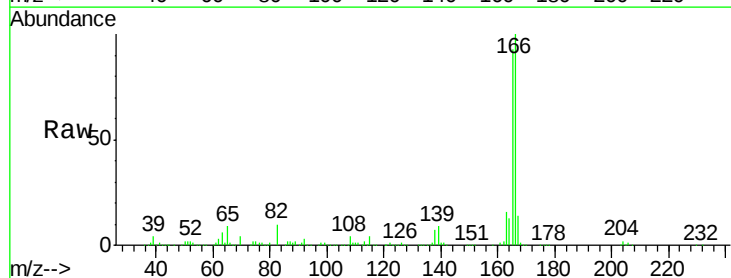
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 42.049 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. -0.00 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

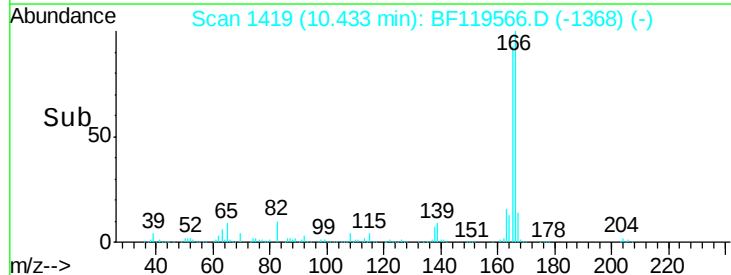
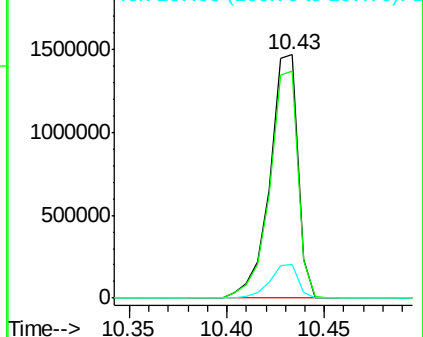
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 93.5  | 75.4  | 113.2 |
| 167     | 13.6  | 11.2  | 16.8  |

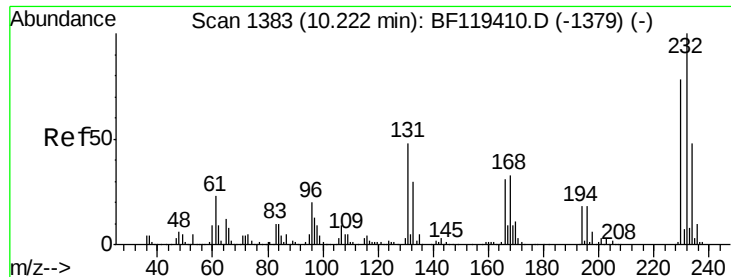


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





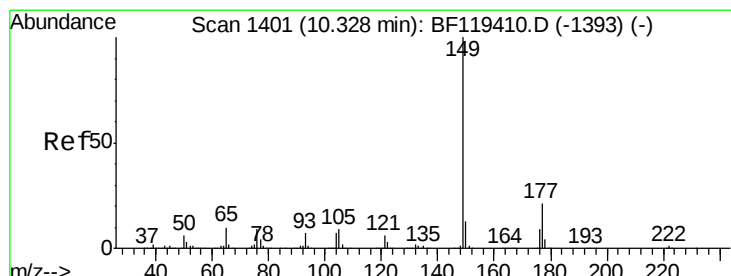
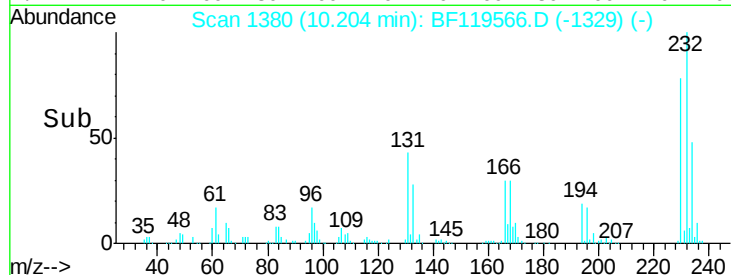
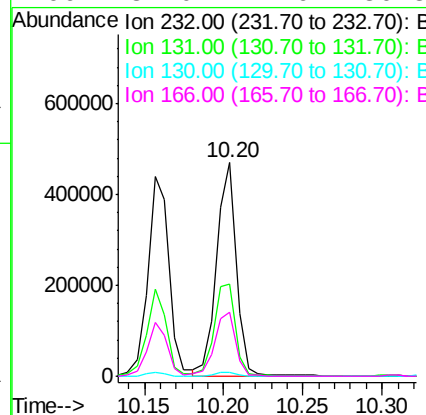
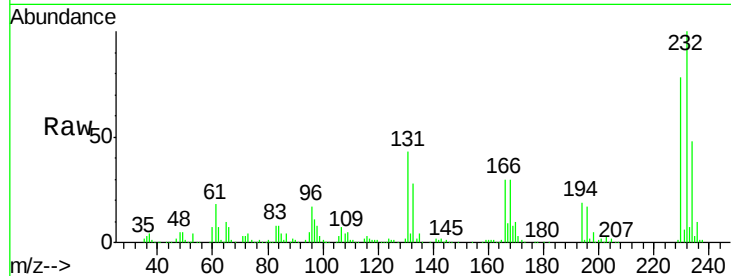
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.155 ng  
 RT: 10.20 min Scan# 1380  
 Delta R.T. -0.00 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127867BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 408894 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 47.9  | 37.5  | 56.3   |
| 130       | 2.1   | 1.8   | 2.6    |
| 166       | 32.0  | 24.6  | 36.8   |

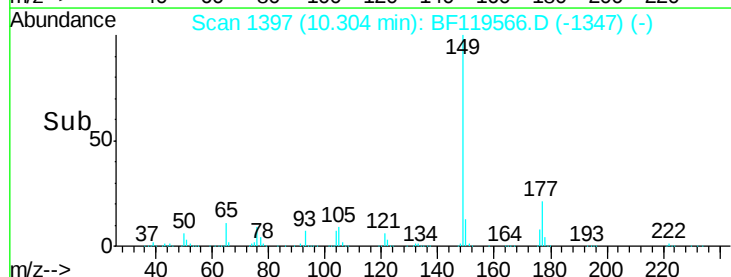
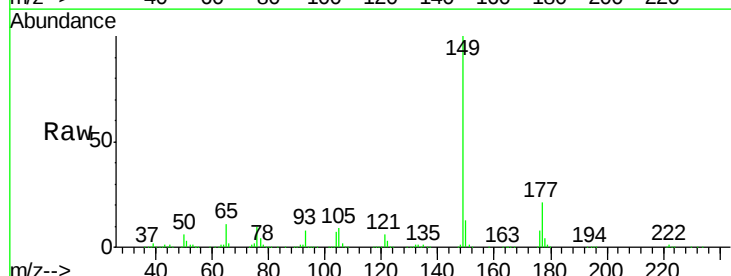
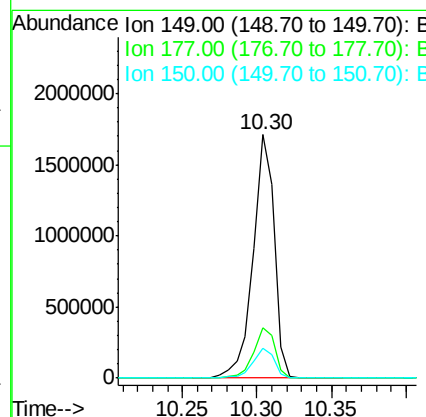
Manual Integrations  
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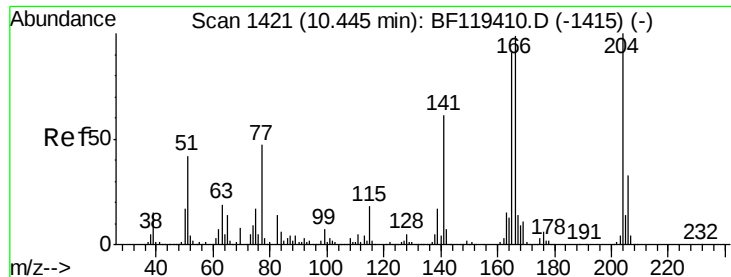
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#60  
 Diethylphthalate  
 Concen: 43.704 ng  
 RT: 10.30 min Scan# 1397  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1661172 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 20.6  | 17.0  | 25.6    |
| 150       | 12.5  | 10.1  | 15.1    |





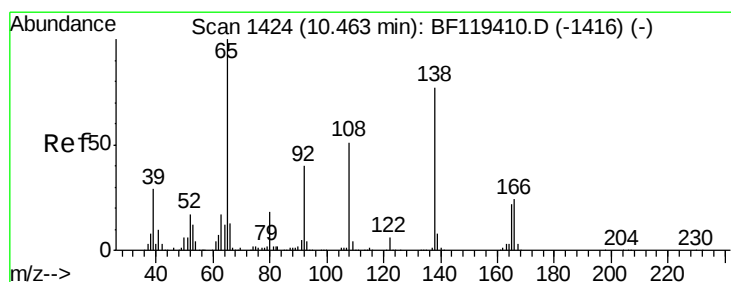
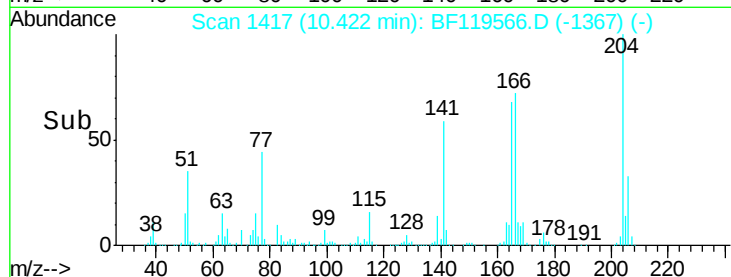
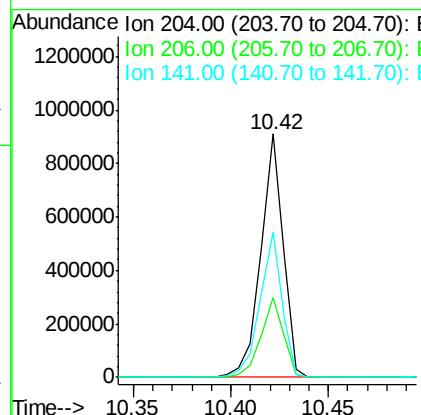
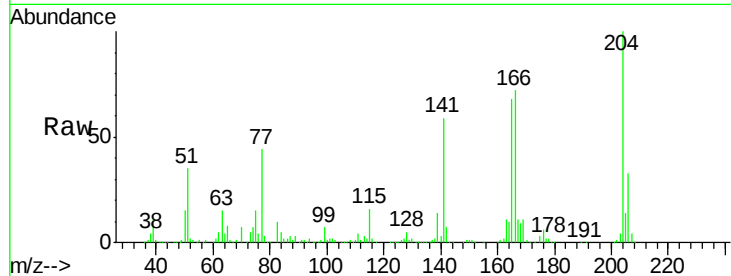
#61  
 4-Chlorophenyl-phenylether  
 Concen: 42.345 ng  
 RT: 10.42 min Scan# 1417  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 26.7  | 40.1  |
| 141     | 59.5  | 47.3  | 70.9  |

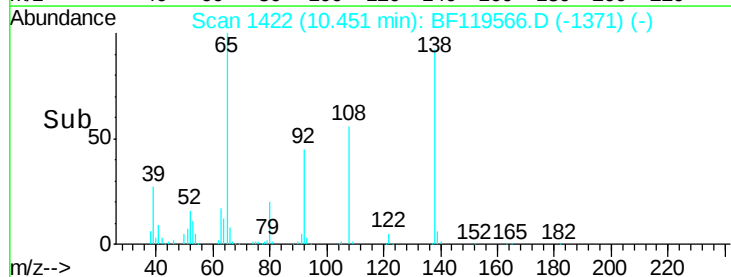
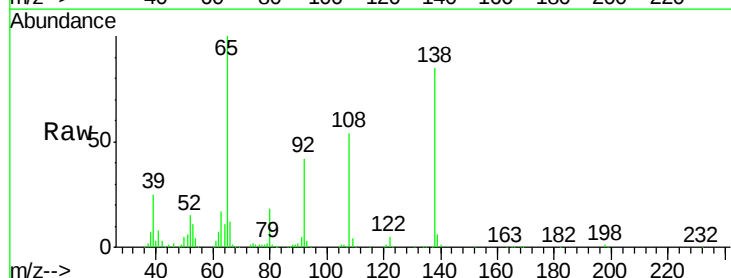
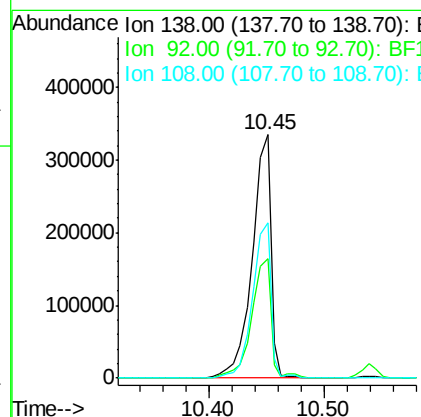
Manual Integrations  
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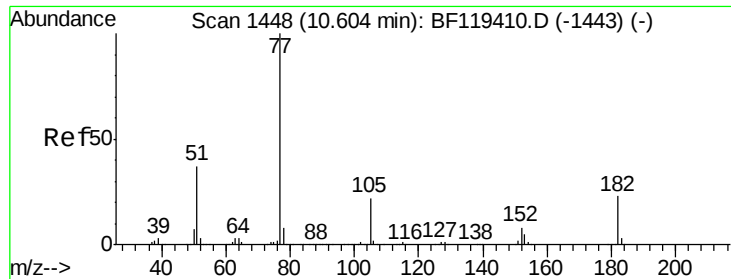
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#62  
 4-Nitroaniline  
 Concen: 38.831 ng  
 RT: 10.45 min Scan# 1422  
 Delta R.T. -0.00 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.9  | 31.5  | 71.5  |
| 108     | 63.6  | 45.8  | 85.8  |





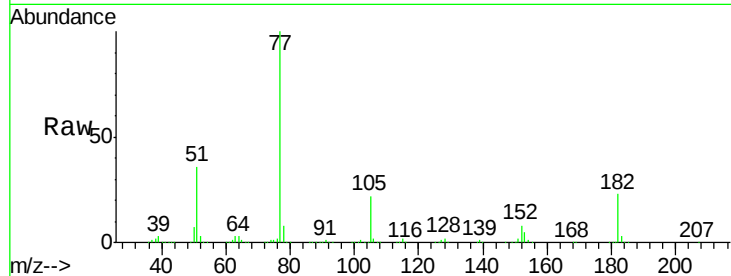
#63  
Azobenzene  
Concen: 40.594 ng  
RT: 10.58 min Scan# 1444  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 22.8  | 4.4   | 44.4  |
| 105     | 22.3  | 2.6   | 42.6  |
| 51      | 36.0  | 15.1  | 55.1  |

Manual Integrations  
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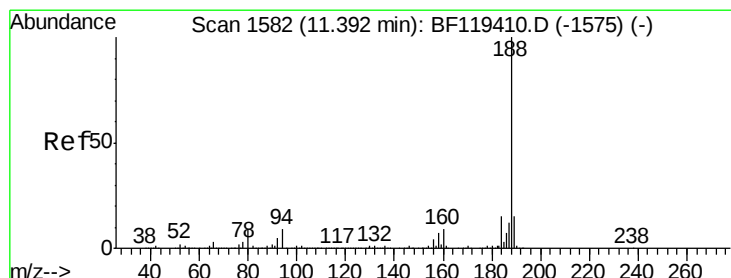
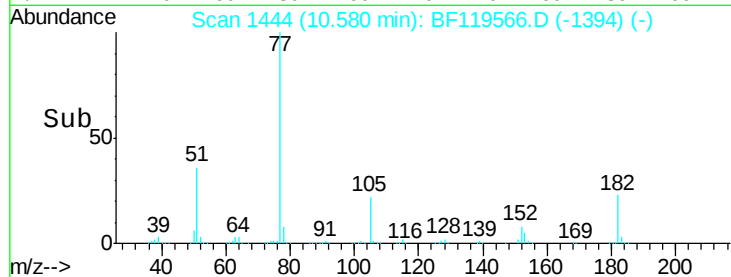
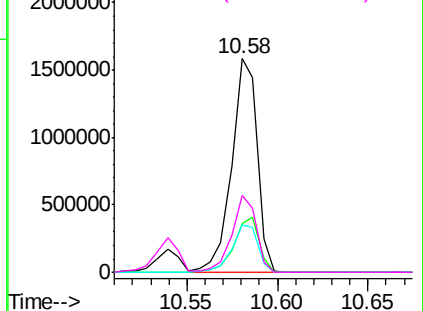
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1578  
Delta R.T. -0.00 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

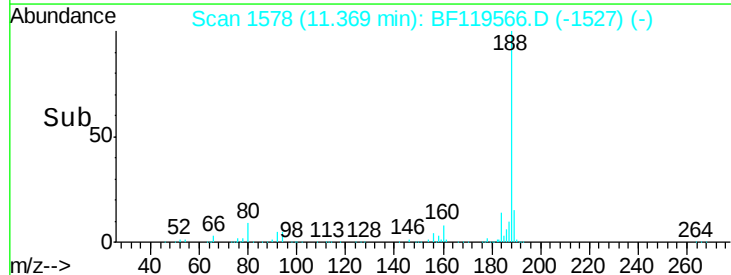
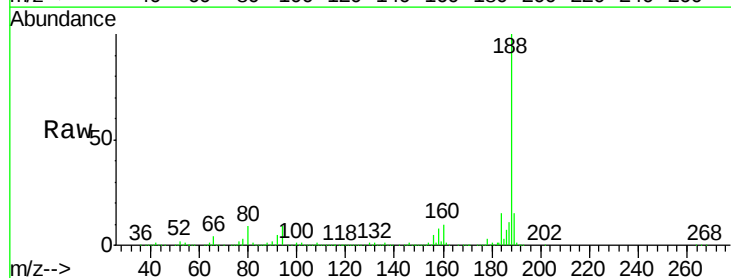
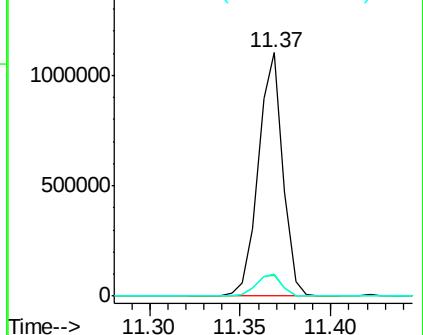
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.6   | 7.5   | 11.3  |
| 80      | 9.0   | 9.0   | 13.4  |

Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





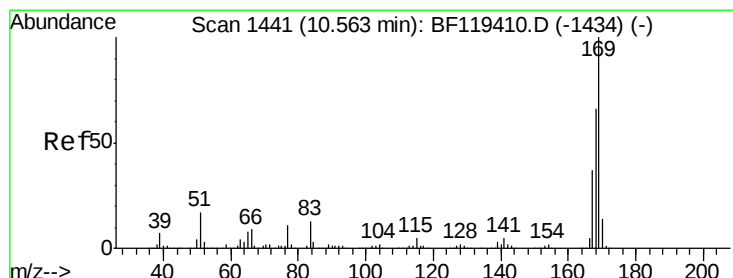
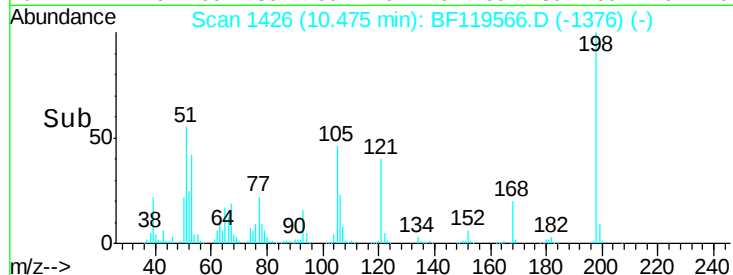
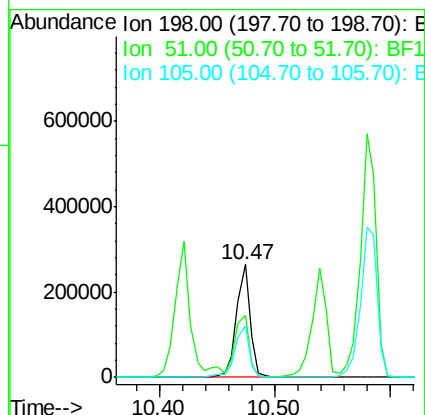
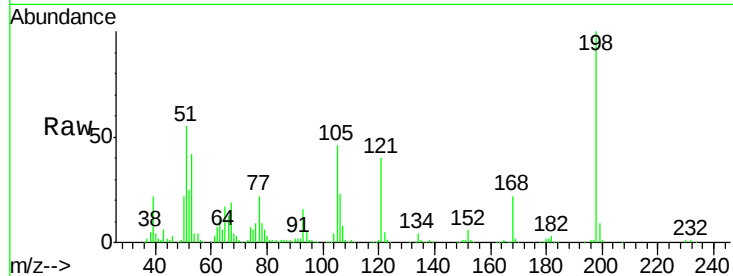
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 50.569 ng  
 RT: 10.47 min Scan# 1426  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 54.7  | 29.0  | 69.0  |
| 105     | 45.9  | 22.2  | 62.2  |

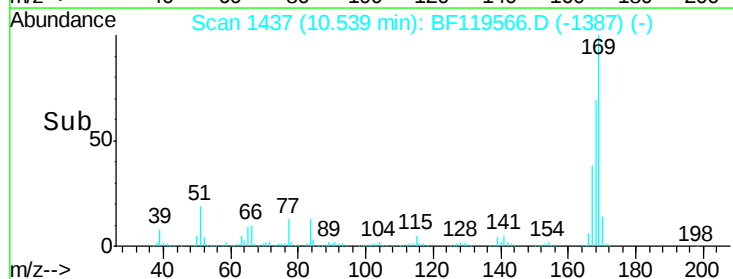
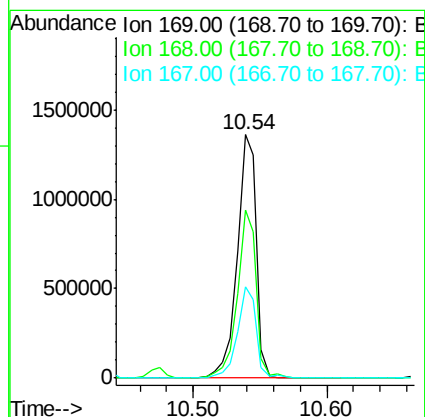
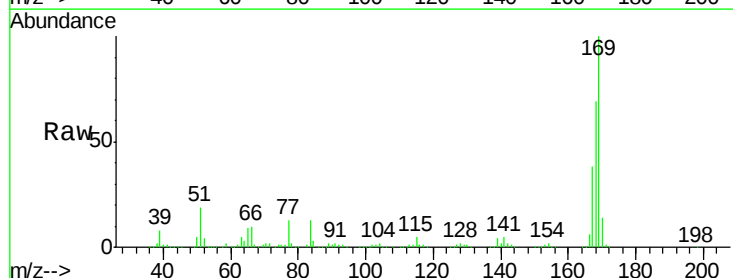
Manual Integrations  
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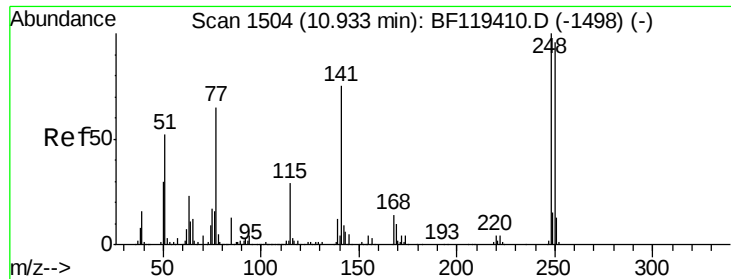
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 3/30/2020 8:51:08 AM



#66  
 n-Nitrosodiphenylamine  
 Concen: 40.023 ng  
 RT: 10.54 min Scan# 1437  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.9  | 53.2  | 79.8  |
| 167     | 37.7  | 29.1  | 43.7  |





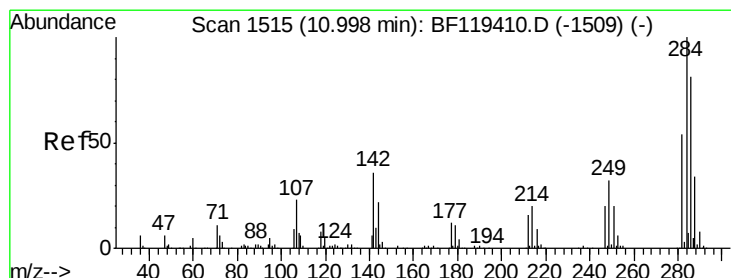
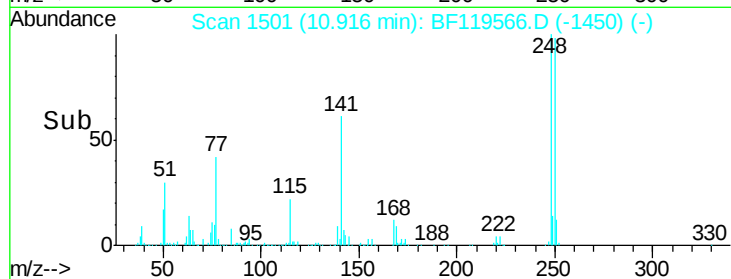
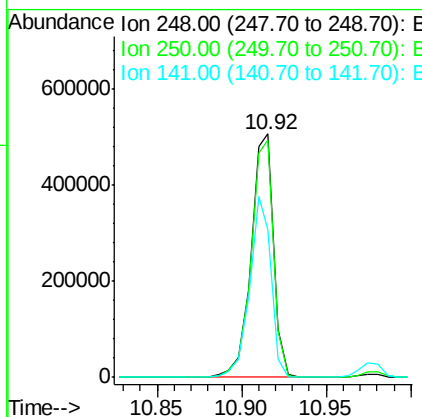
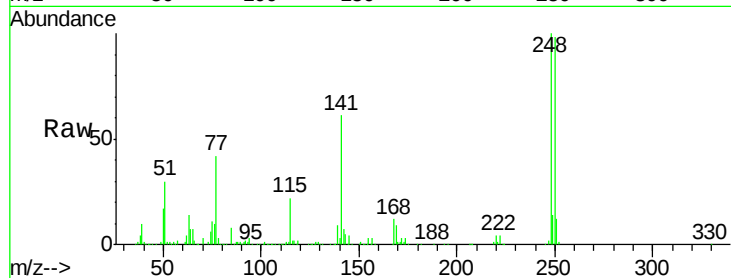
#67  
4-Bromophenyl-phenylether  
Concen: 40.184 ng  
RT: 10.92 min Scan# 1501  
Delta R.T. -0.00 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.6  | 77.3  | 115.9 |
| 141     | 60.7  | 58.6  | 87.8  |

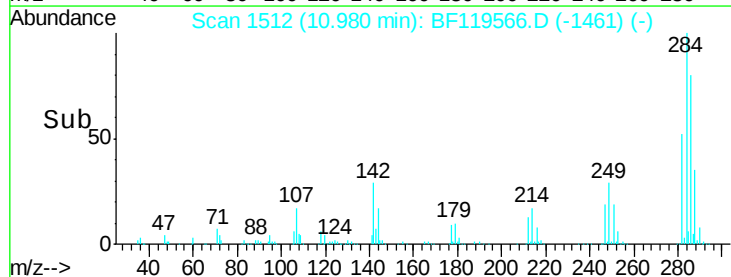
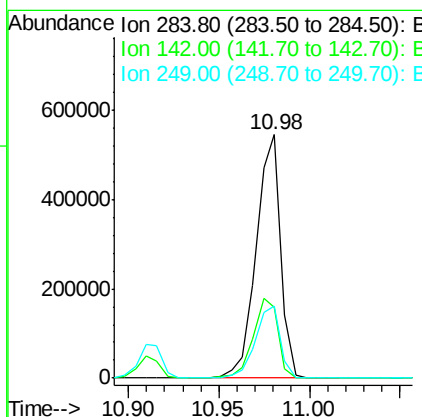
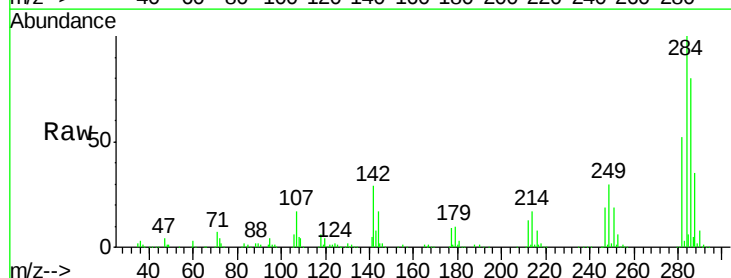
Manual Integrations  
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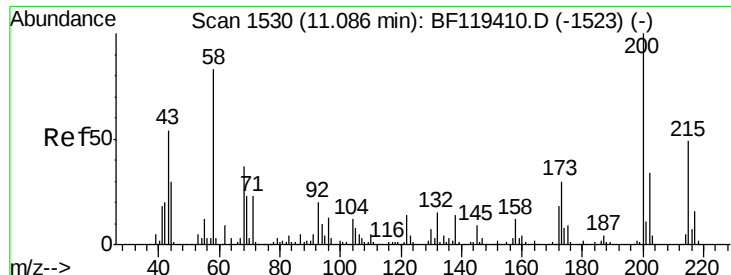
mohammad  
3/30/2020 8:51:08 AM



#68  
Hexachlorobenzene  
Concen: 42.272 ng  
RT: 10.98 min Scan# 1512  
Delta R.T. -0.00 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.0  | 29.2  | 43.8# |
| 249     | 29.5  | 25.1  | 37.7  |





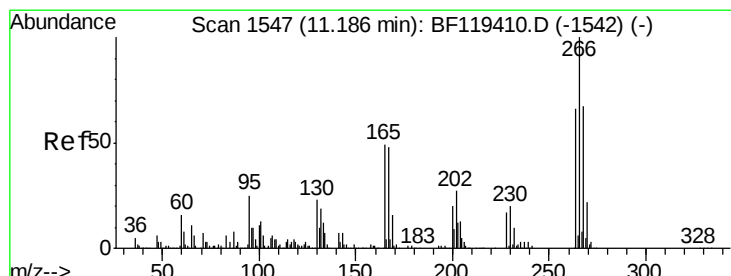
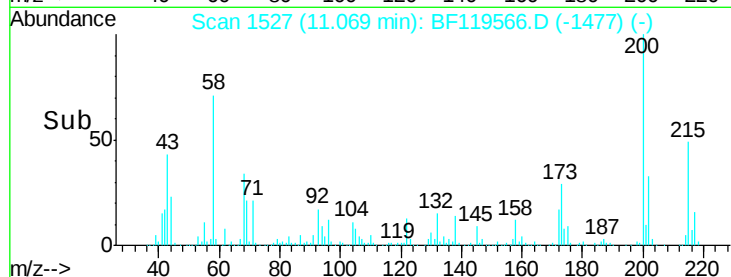
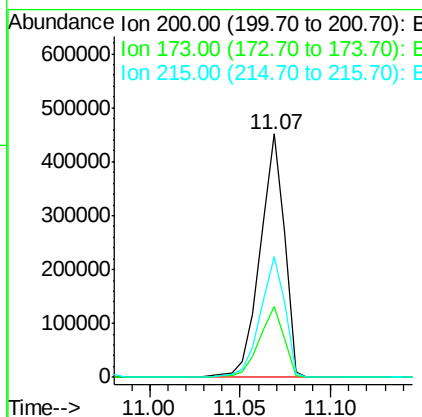
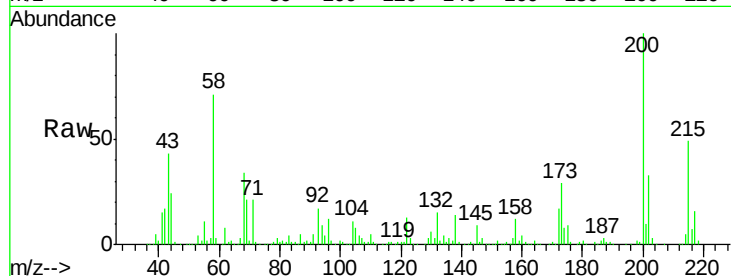
#69  
Atrazine  
Concen: 45.355 ng  
RT: 11.07 min Scan# 1527  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 421810 |       |       |
| 173     | 29.1  | 9.3    | 49.3  |       |
| 215     | 49.4  | 29.5   | 69.5  |       |

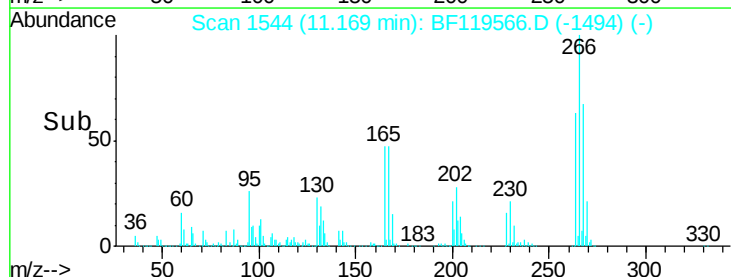
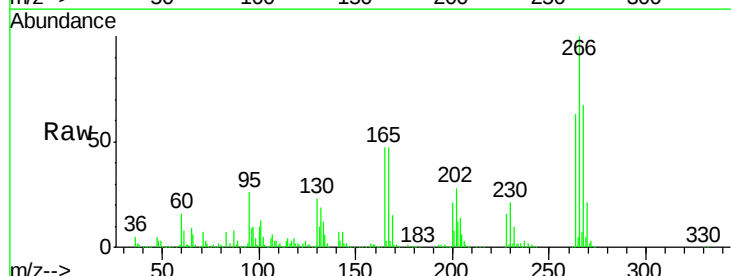
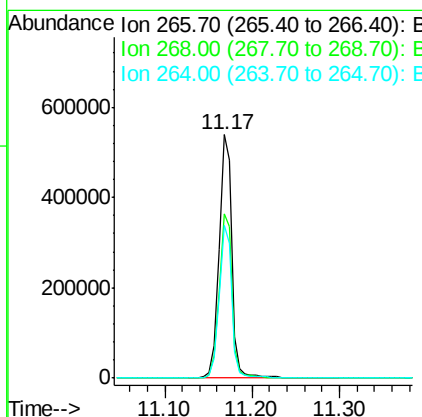
Manual Integrations  
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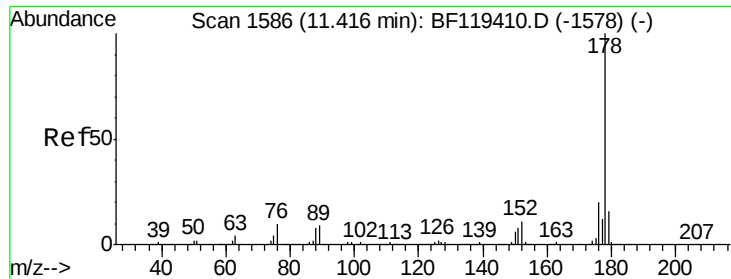
mohammad  
3/30/2020 8:51:08 AM



#70  
Pentachlorophenol  
Concen: 77.853 ng  
RT: 11.17 min Scan# 1544  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 549851 |       |       |
| 268     | 67.4  | 53.3   | 79.9  |       |
| 264     | 62.7  | 49.0   | 73.4  |       |





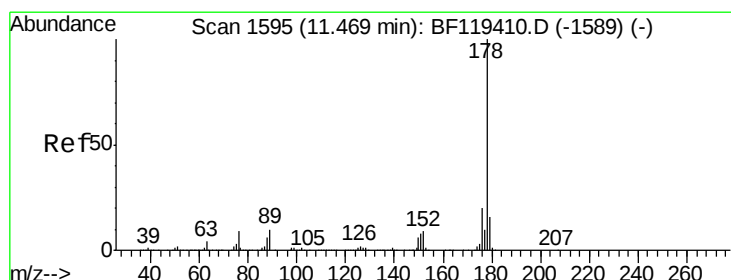
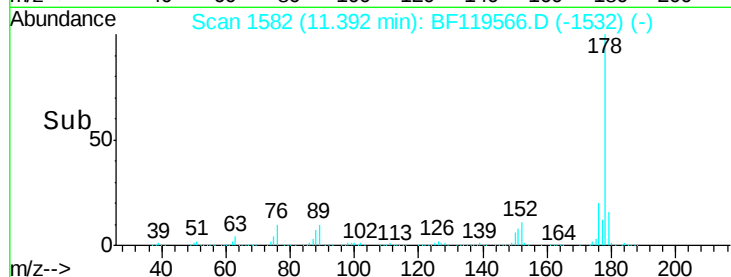
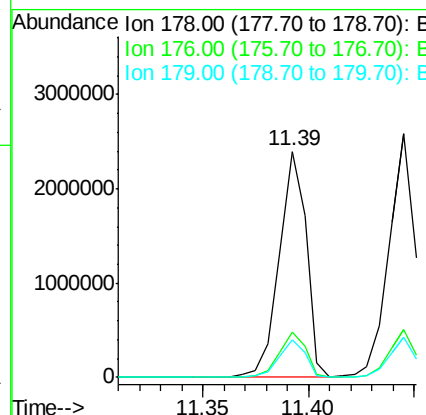
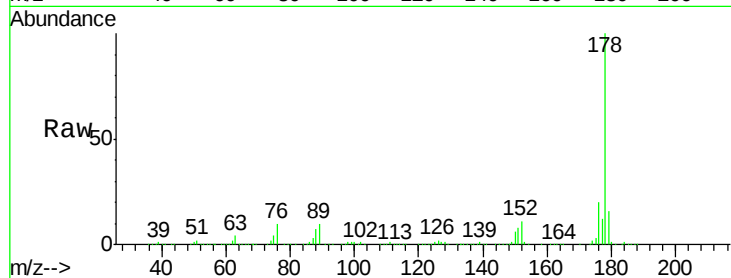
#71  
Phenanthrene  
Concen: 39.897 ng  
RT: 11.39 min Scan# 1582  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

Tot Ion:178 Resp: 2137808  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.2 24.4  
179 16.4 13.2 19.8

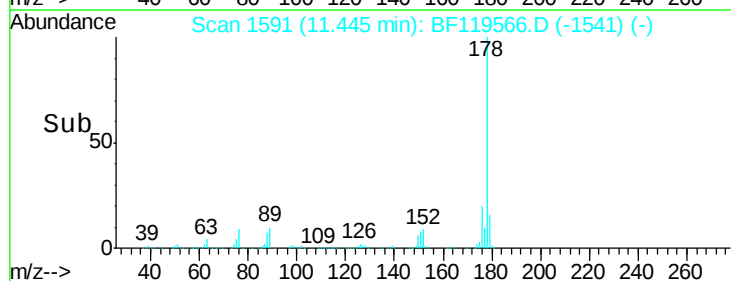
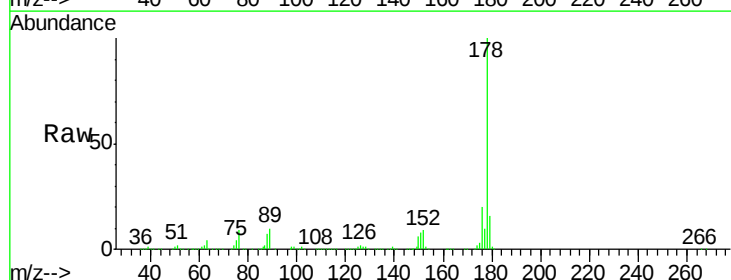
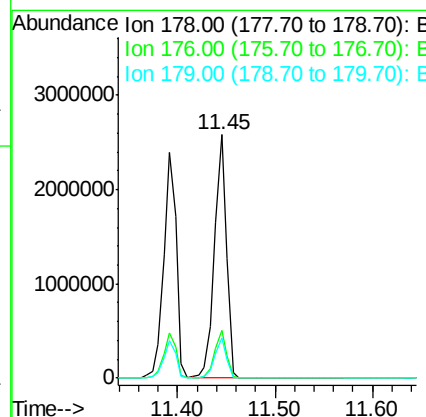
Manual Integrations  
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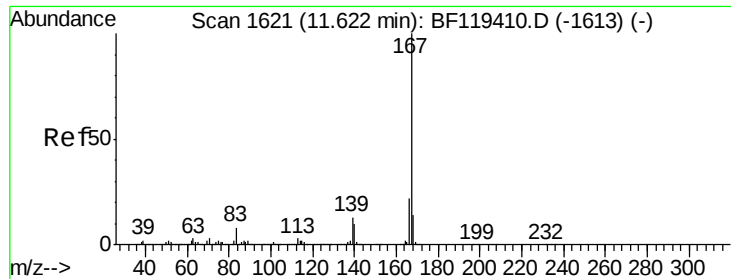
mohammad  
3/30/2020 8:51:08 AM



#72  
Anthracene  
Concen: 40.803 ng  
RT: 11.45 min Scan# 1591  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Tgt Ion:178 Resp: 2222062  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.1 24.1  
179 16.3 13.0 19.4





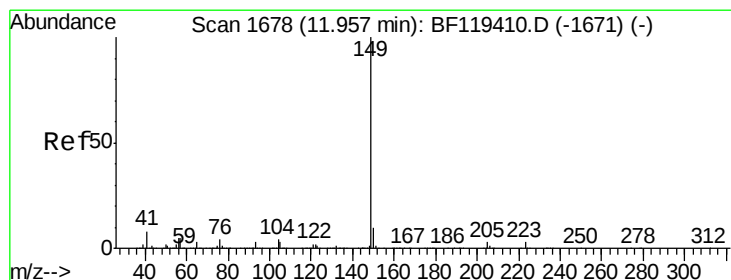
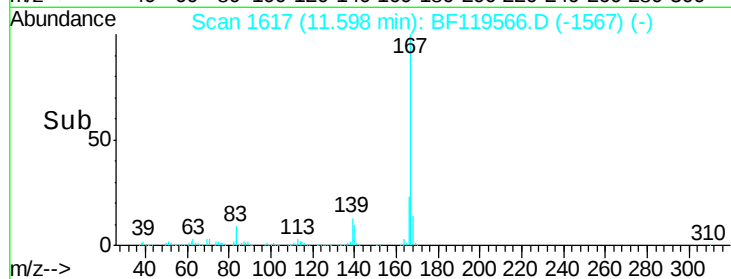
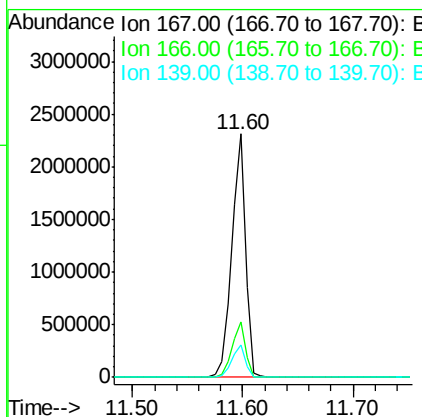
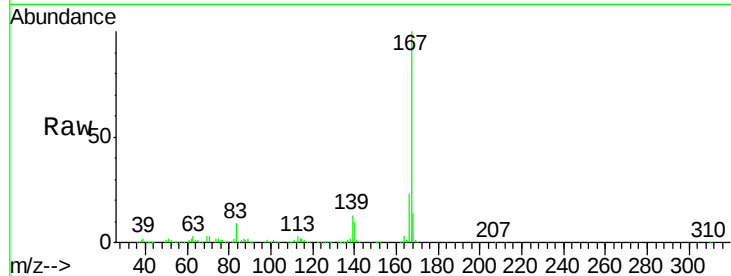
#73  
 Carbazole  
 Concen: 37.833 ng  
 RT: 11.60 min Scan# 1617  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.8  | 18.2  | 27.4  |
| 139     | 13.2  | 10.7  | 16.1  |

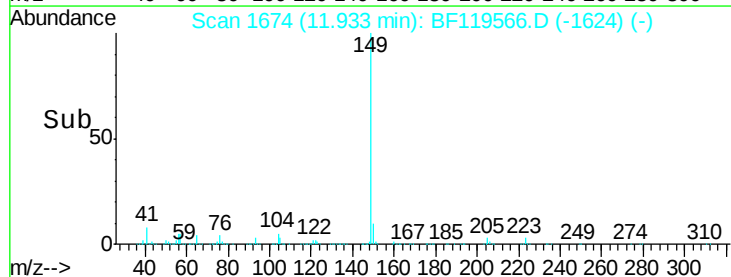
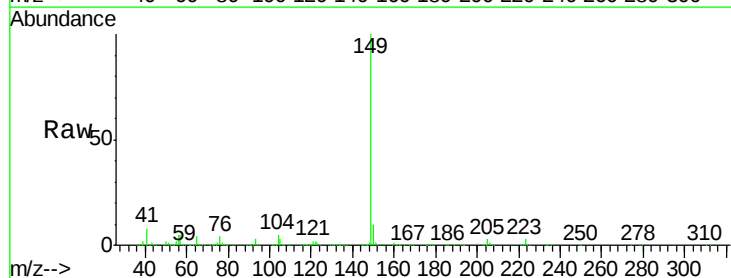
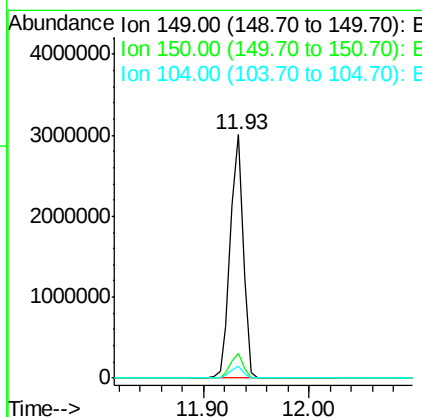
Manual Integrations  
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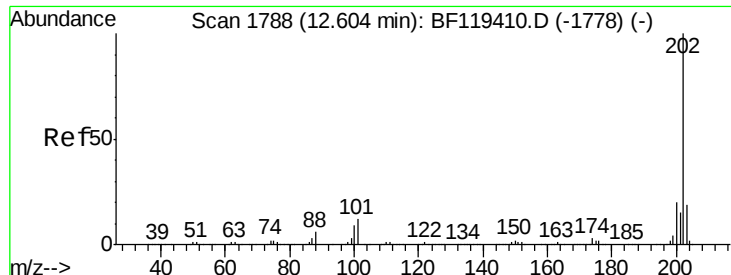
mohammad  
 3/30/2020 8:51:08 AM



#74  
 Di-n-butylphthalate  
 Concen: 44.243 ng  
 RT: 11.93 min Scan# 1674  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.0  | 7.8   | 11.8  |
| 104     | 4.8   | 3.6   | 5.4   |





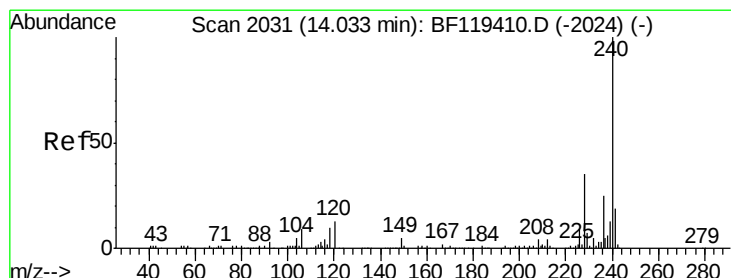
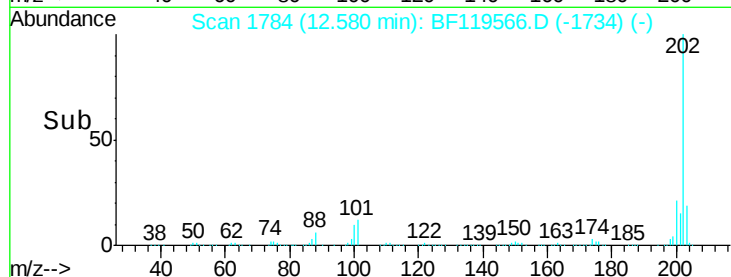
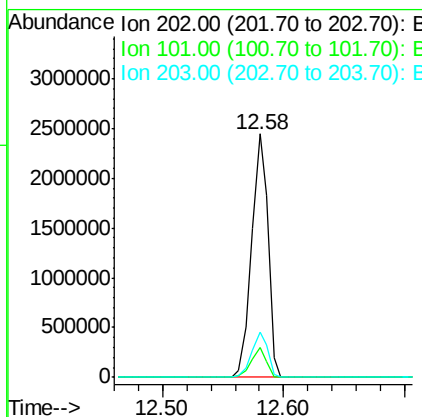
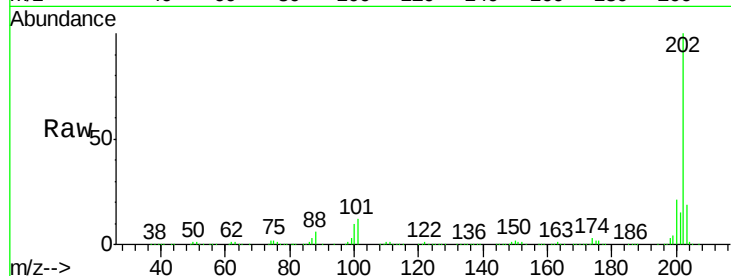
#75  
Fluoranthene  
Concen: 40.073 ng  
RT: 12.58 min Scan# 1784  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.0  | 0.0   | 32.2  |
| 203     | 18.7  | 0.0   | 38.8  |

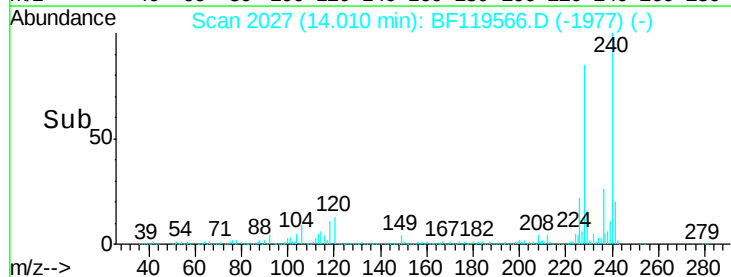
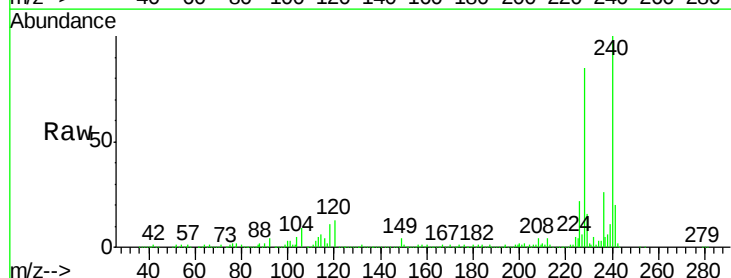
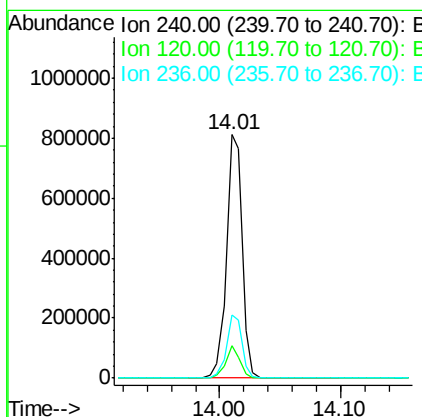
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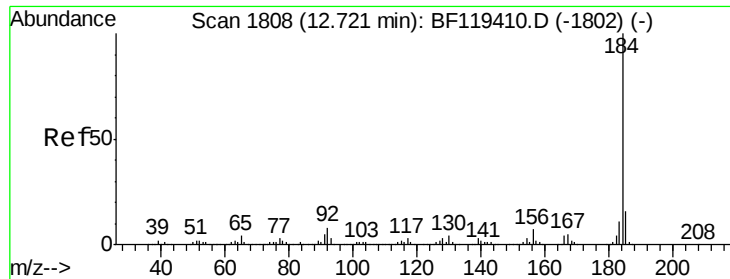
mohammad  
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.01 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.1  | 10.6  | 15.8  |
| 236     | 25.9  | 20.2  | 30.2  |





#77

Benzidine

Concen: 37.575 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

Instrument :

BNA\_F

ClientSampleId :

PB127867BS

Tot Ion:184 Resp: 1155831

Ion Ratio Lower Upper

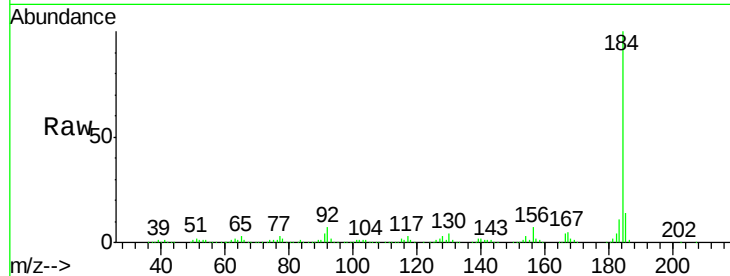
184 100

185 14.3 12.3 18.5

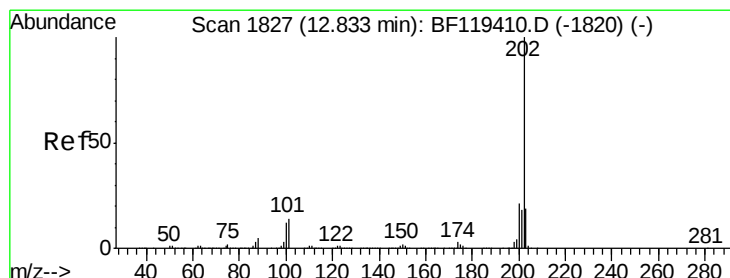
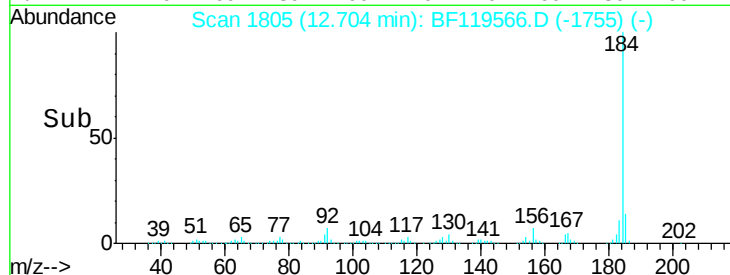
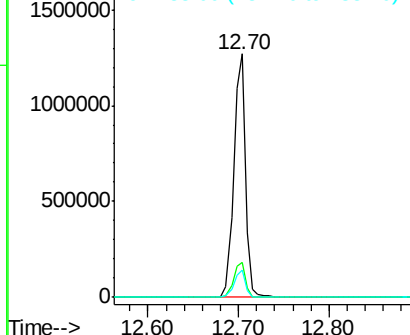
183 11.0 9.0 13.6

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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: 39.492 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

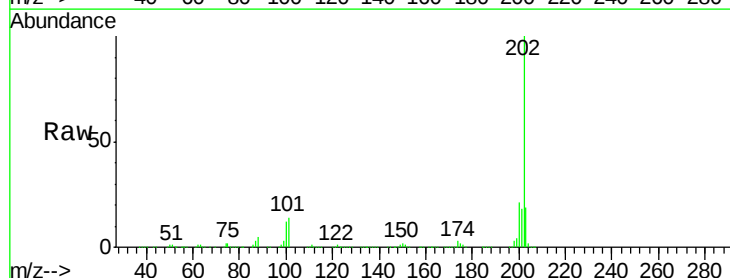
Tgt Ion:202 Resp: 2355819

Ion Ratio Lower Upper

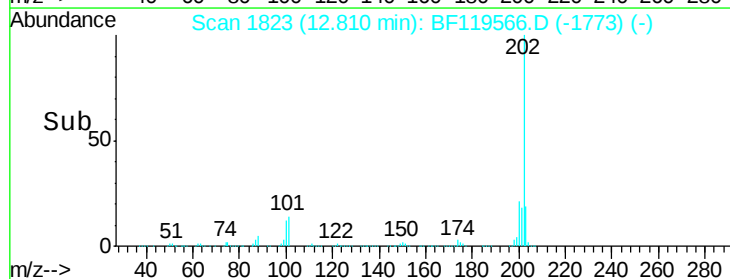
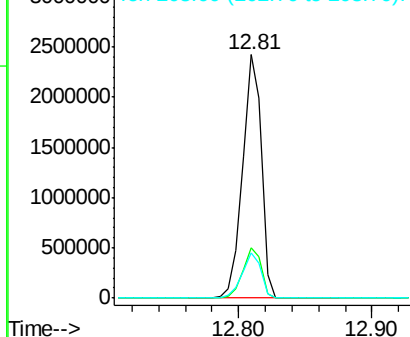
202 100

200 20.7 16.8 25.2

203 18.5 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





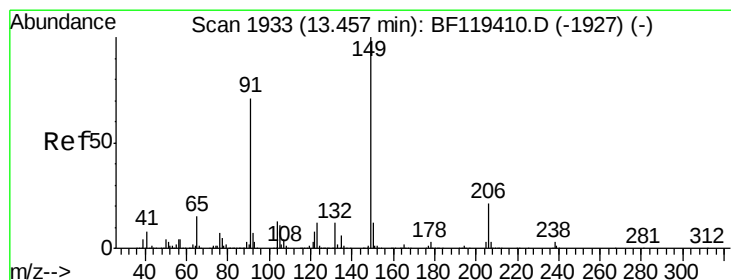
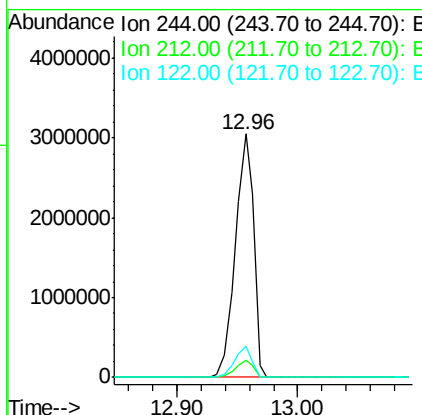
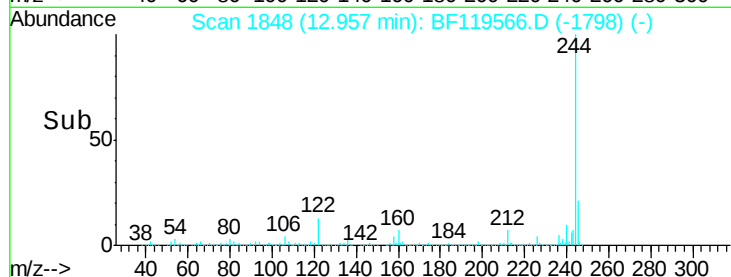
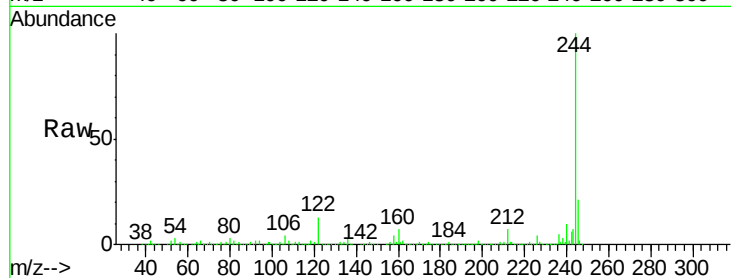
#79  
 Terphenyl-d14  
 Concen: 86.865 ng  
 RT: 12.96 min Scan# 1848  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 5.8   | 8.8   |
| 122     | 13.0  | 10.3  | 15.5  |

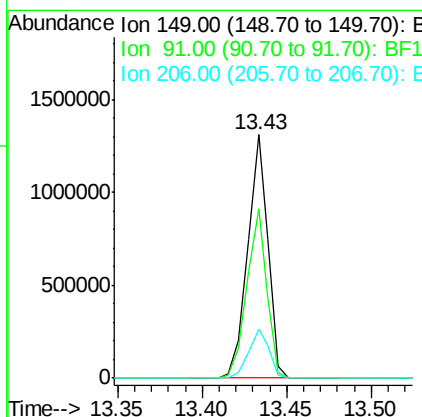
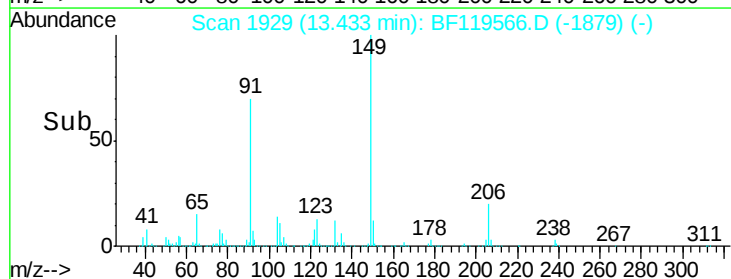
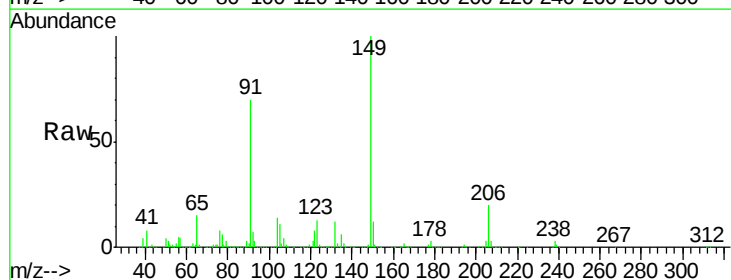
Manual Integrations  
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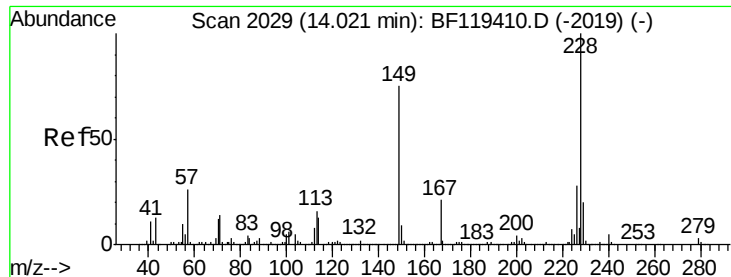
mohammad  
 3/30/2020 8:51:08 AM



#80  
 Butylbenzylphthalate  
 Concen: 45.332 ng  
 RT: 13.43 min Scan# 1929  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.5  | 54.7  | 82.1  |
| 206     | 20.2  | 16.2  | 24.2  |





#81

Benzo(a)anthracene

Concen: 39.623 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

Instrument :

BNA\_F

ClientSampleId :

PB127867BS

Tot Ion:228 Resp: 1872860

Ion Ratio Lower Upper

228 100

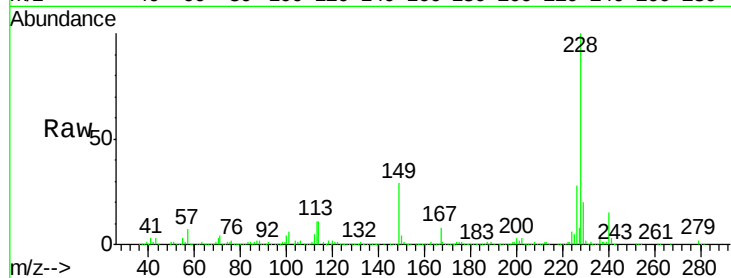
226 27.6 21.8 32.8

229 20.2 16.2 24.4

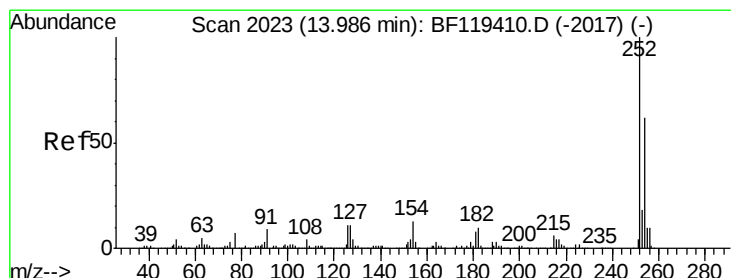
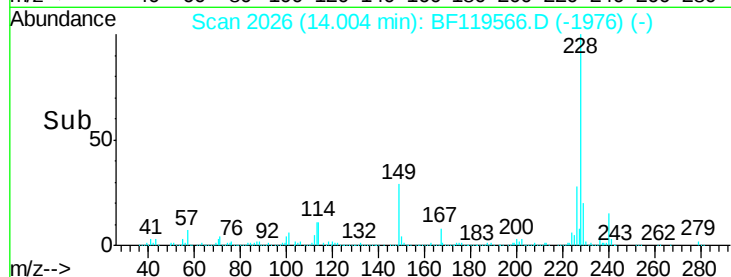
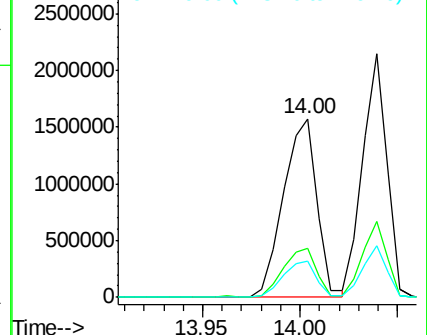
Manual Integrations  
APPROVED

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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: 24.323 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF119566.D

Acq: 27 Mar 2020 14:02

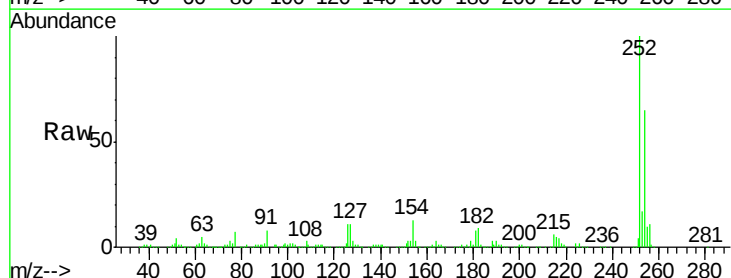
Tgt Ion:252 Resp: 453309

Ion Ratio Lower Upper

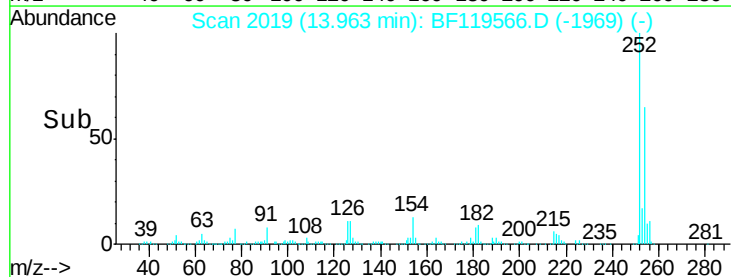
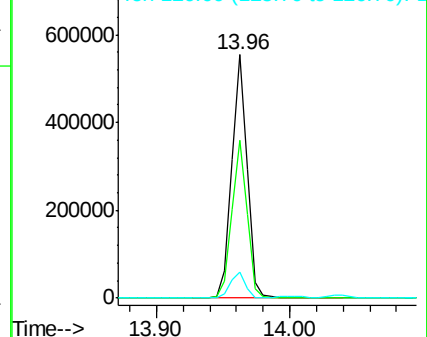
252 100

254 64.7 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





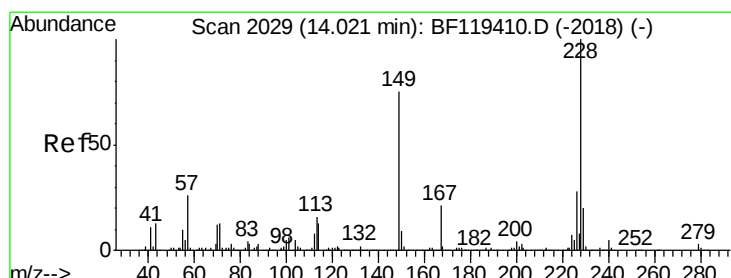
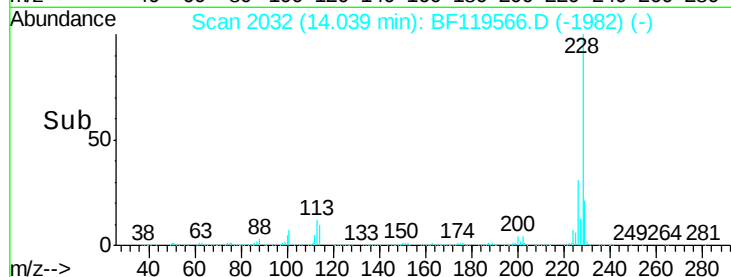
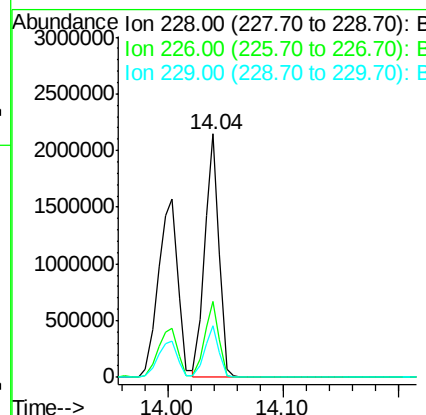
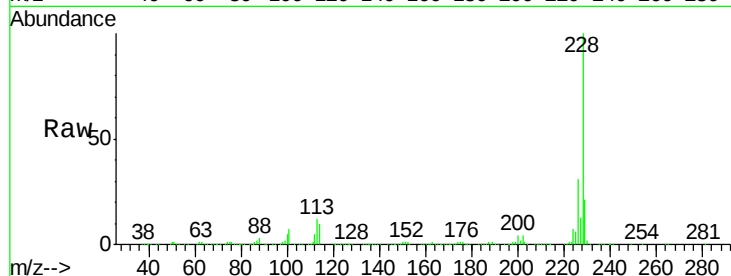
#83  
 Chrvsene  
 Concen: 38.135 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. -0.01 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.2  | 25.4  | 38.0  |
| 229     | 21.0  | 16.6  | 24.8  |

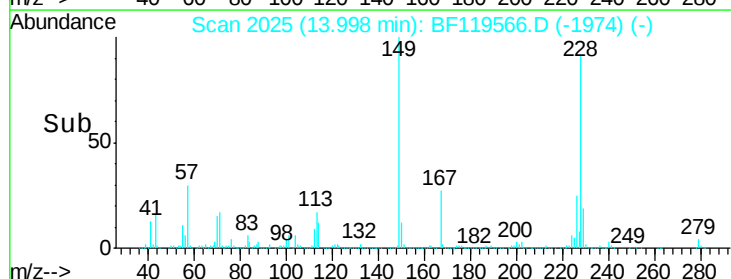
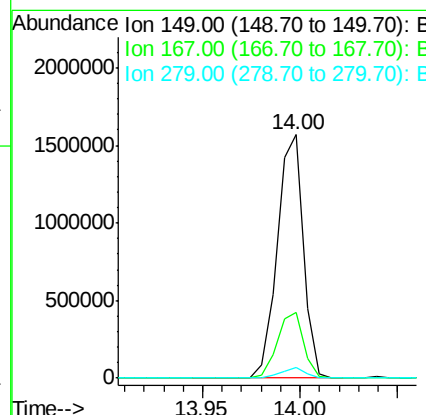
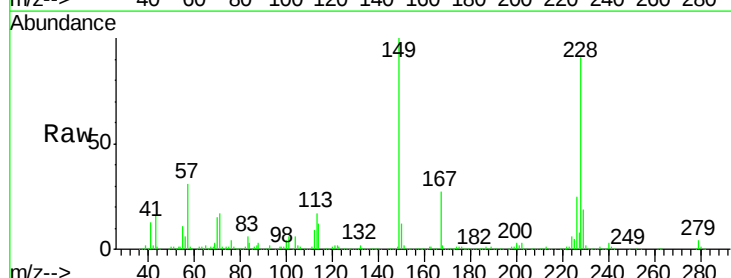
Manual Integrations  
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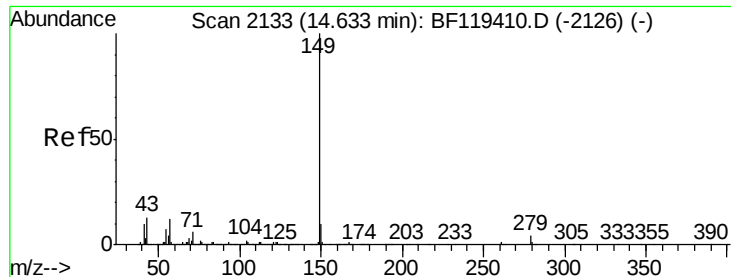
mohammad  
 3/30/2020 8:51:08 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.404 ng  
 RT: 14.00 min Scan# 2025  
 Delta R.T. -0.00 min  
 Lab File: BF119566.D  
 Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.2  | 21.3  | 31.9  |
| 279     | 4.2   | 2.7   | 4.1#  |





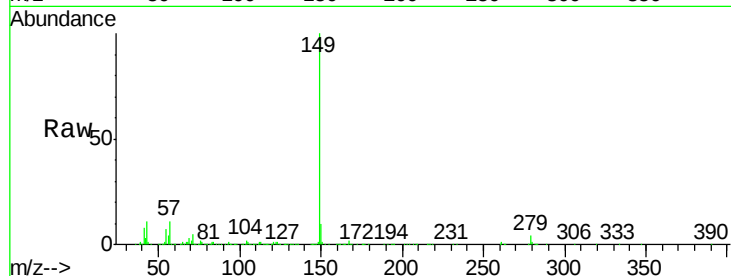
#85  
Di-n-octyl phthalate  
Concen: 49.747 ng  
RT: 14.61 min Scan# 2129  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

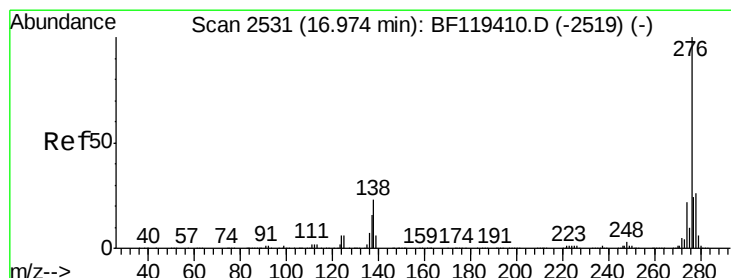
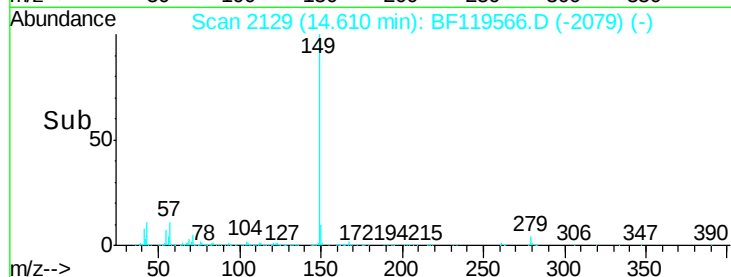
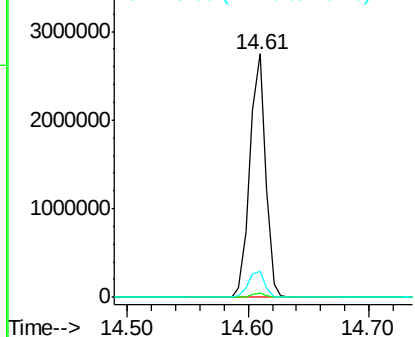
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 11.3  | 9.3   | 13.9  |

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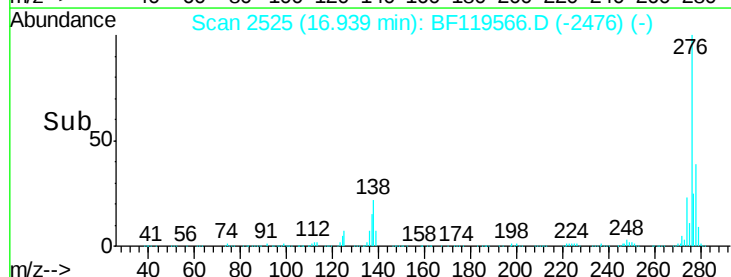
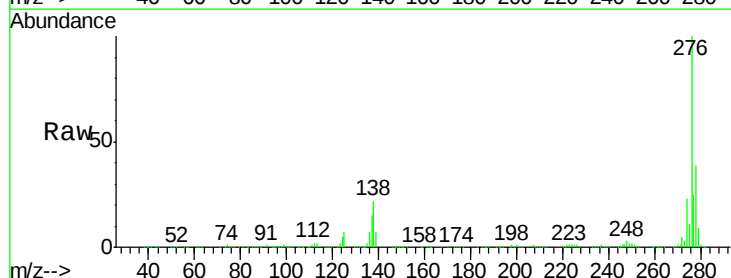
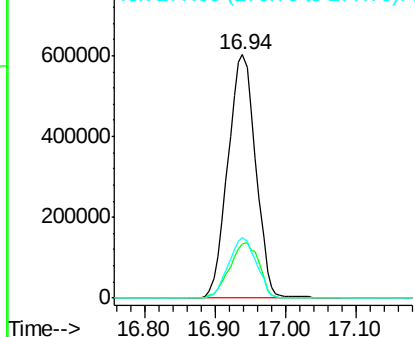
Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

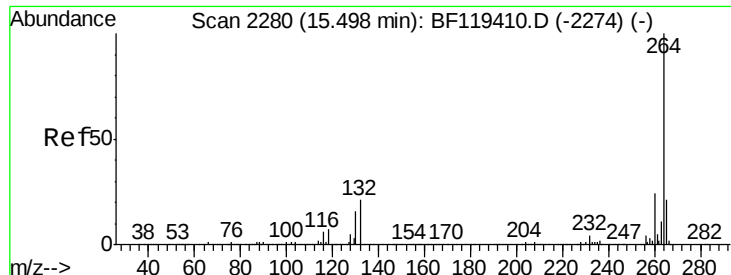


#86  
Indeno(1,2,3-cd)pyrene  
Concen: 35.898 ng  
RT: 16.94 min Scan# 2525  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.3  | 19.6  | 29.4  |
| 277     | 25.0  | 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





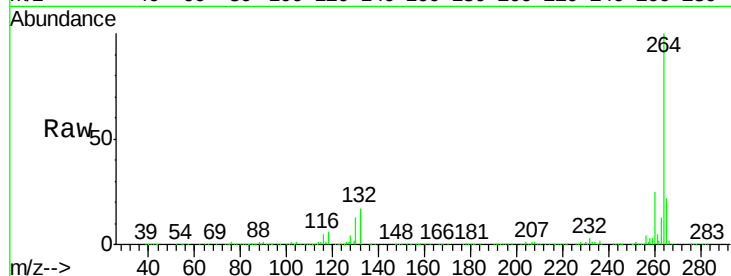
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.47 min Scan# 2276  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

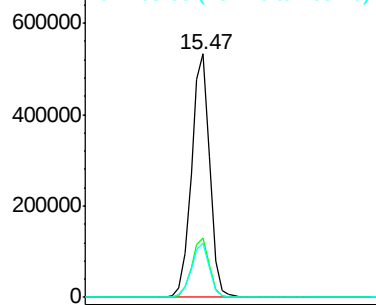
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.6  | 18.7  | 28.1  |
| 265     | 22.2  | 17.7  | 26.5  |

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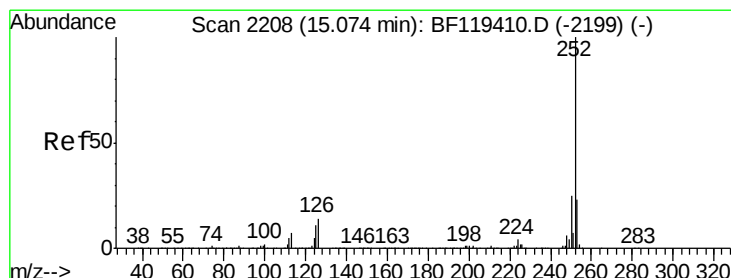
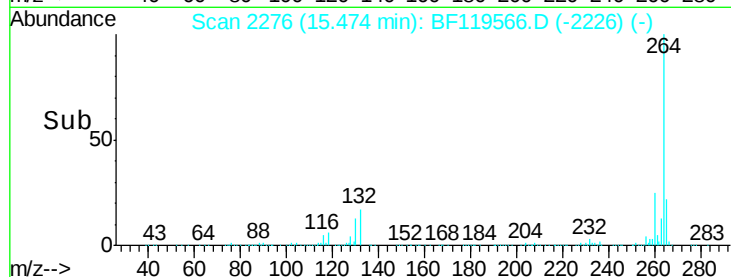
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Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

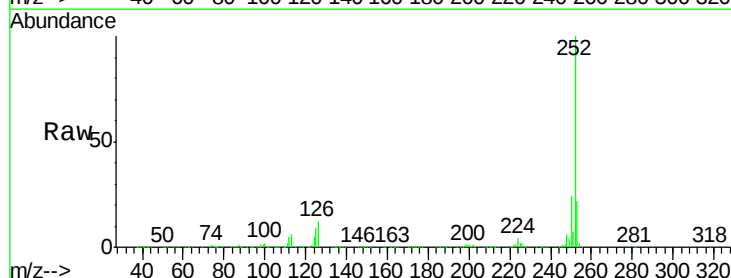


Time-->

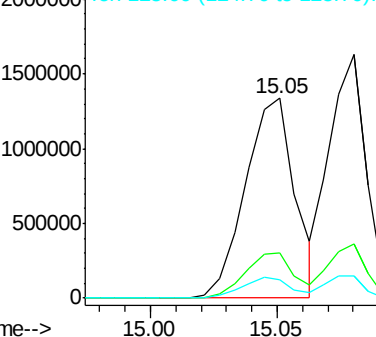


#88  
Benzo(b)fluoranthene  
Concen: 42.269 ng  
RT: 15.05 min Scan# 2204  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

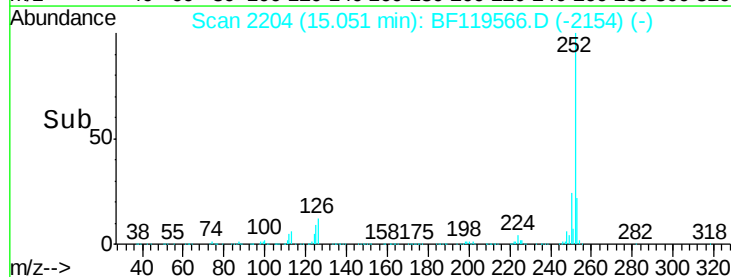
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.4  | 26.0  |
| 125     | 9.0   | 7.9   | 11.9  |

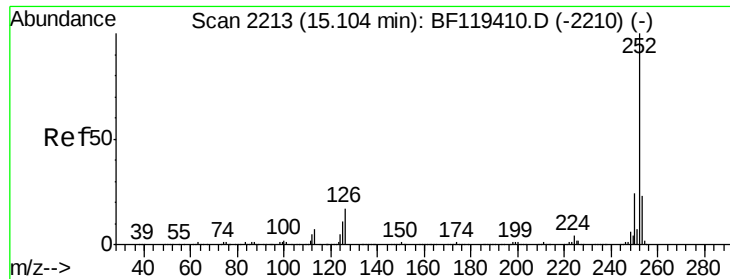


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



Time-->





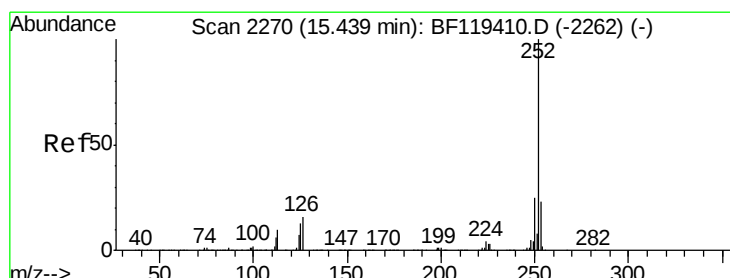
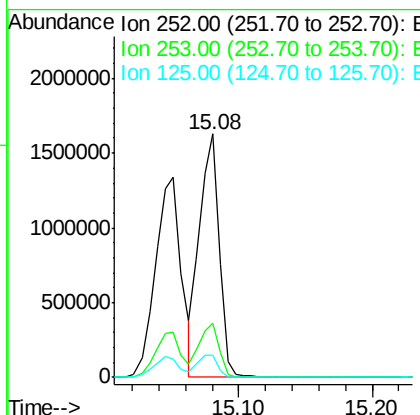
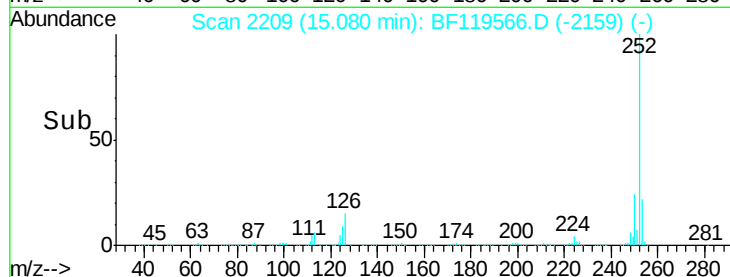
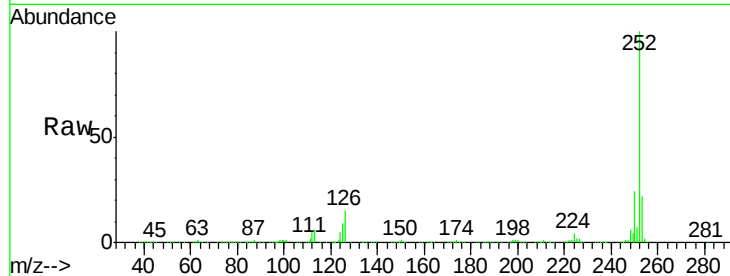
#89  
Benzo(k)fluoranthene  
Concen: 40.500 ng  
RT: 15.08 min Scan# 2209  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB127867BS

Tot Ion:252 Resp: 1659084  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.8 26.6  
125 9.4 8.4 12.6

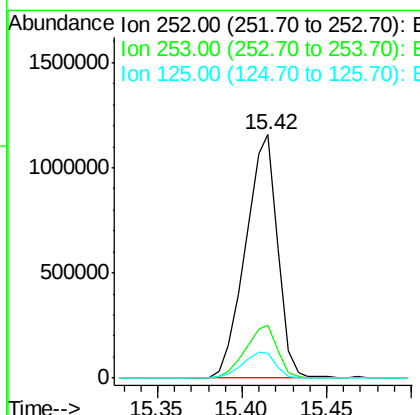
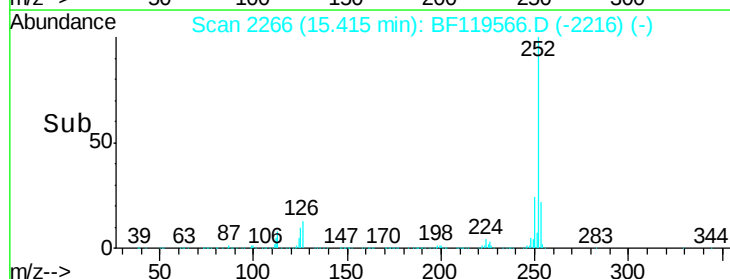
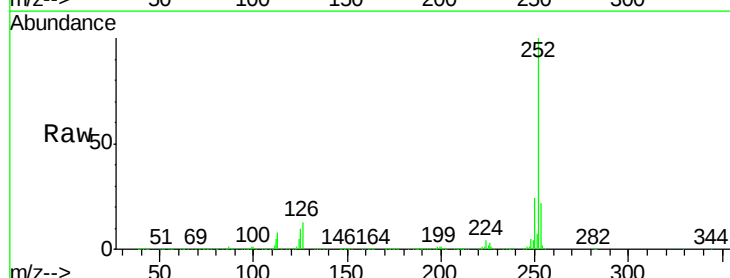
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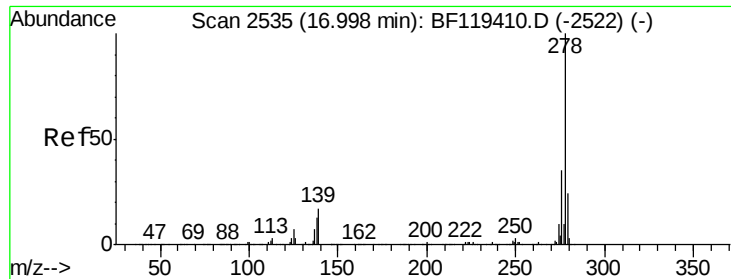
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#90  
Benzo(a)pyrene  
Concen: 39.183 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Tgt Ion:252 Resp: 1531942  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.2 27.2  
125 10.4 9.4 14.2





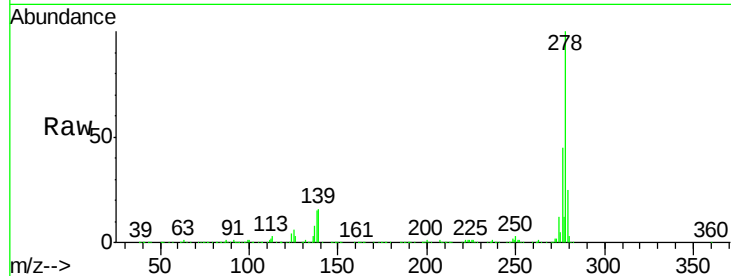
#91  
Dibenzo(a,h)anthracene  
Concen: 40.167 ng  
RT: 16.96 min Scan# 2528  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

Instrument :  
BNA\_F  
ClientSampled :  
PB127867BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.0  | 12.6  | 19.0  |
| 279     | 24.6  | 19.0  | 28.6  |

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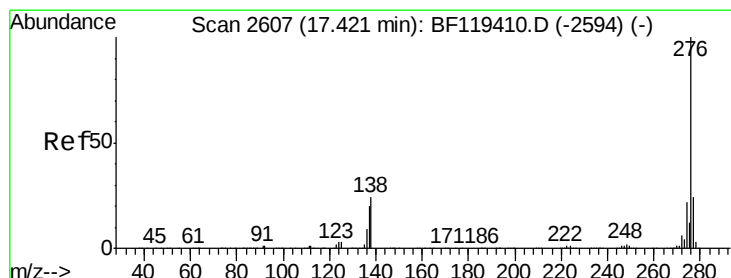
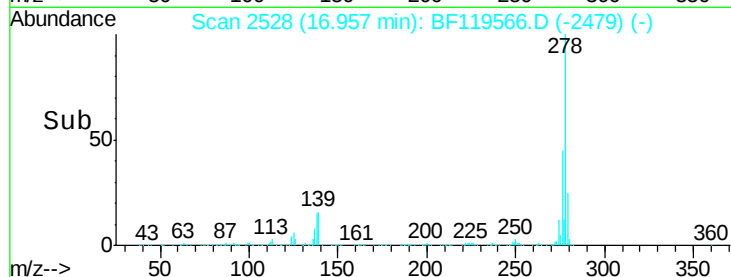
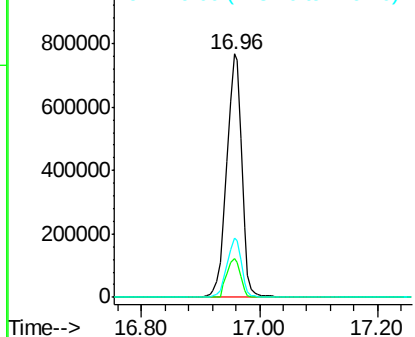


Abundance

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: 40.302 ng  
RT: 17.39 min Scan# 2601  
Delta R.T. -0.01 min  
Lab File: BF119566.D  
Acq: 27 Mar 2020 14:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 18.4  | 27.6  |
| 138     | 19.6  | 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

