

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF042220\  
 Data File : BF120132.D  
 Acq On : 22 Apr 2020 15:43  
 Operator : MA/SJ  
 Sample : PB128411BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

Manual Integrations  
 APPROVED

mohammad  
 4/24/2020 4:17:56 AM

Quant Time: Apr 22 16:14:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 22 11:49:00 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.67  | 152  | 133490   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.96  | 136  | 502759   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.72  | 164  | 254669   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.20 | 188  | 496515   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.84 | 240  | 376908   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.25 | 264  | 341280   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.29  | 112 | 1027532 | 133.03 | ng | 0.01 |
| 7) Phenol-d6                | 6.33  | 99  | 1320089 | 132.63 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.25  | 82  | 808329  | 83.18  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.52 | 330 | 342514  | 109.85 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.05  | 172 | 1537101 | 85.69  | ng | 0.00 |
| 79) Terphenyl-d14           | 12.79 | 244 | 1726407 | 77.07  | ng | 0.00 |

|                                |      |     |         |       |    |        |
|--------------------------------|------|-----|---------|-------|----|--------|
| Target Compounds               |      |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.37 | 88  | 139511  | 40.55 | ng | 98     |
| 3) Pyridine                    | 3.05 | 79  | 359452  | 38.08 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.00 | 42  | 215181  | 44.62 | ng | 97     |
| 6) Aniline                     | 6.34 | 93  | 426472  | 32.65 | ng | # 38   |
| 8) 2-Chlorophenol              | 6.46 | 128 | 410050  | 47.51 | ng | 98     |
| 9) Benzaldehyde                | 6.22 | 77  | 168745  | 27.48 | ng | 98     |
| 10) Phenol                     | 6.33 | 94  | 515772  | 45.68 | ng | # 73   |
| 11) bis(2-Chloroethyl)ether    | 6.42 | 93  | 390106  | 44.74 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.62 | 146 | 424382  | 44.91 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 6.69 | 146 | 425448  | 44.20 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.85 | 146 | 400888  | 45.19 | ng | 99     |
| 15) Benzyl Alcohol             | 6.83 | 79  | 340459  | 44.04 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.96 | 45  | 671354  | 39.57 | ng | 94     |
| 17) 2-Methylphenol             | 6.95 | 107 | 329756  | 42.81 | ng | 98     |
| 18) Hexachloroethane           | 7.19 | 117 | 161126  | 44.79 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.10 | 70  | 276850  | 43.26 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.10 | 107 | 419188  | 44.50 | ng | 90     |
| 22) Acetophenone               | 7.09 | 105 | 552650  | 46.94 | ng | # 92   |
| 24) Nitrobenzene               | 7.26 | 77  | 433933  | 44.39 | ng | 99     |
| 25) Isophorone                 | 7.51 | 82  | 768137  | 41.00 | ng | 99     |
| 26) 2-Nitrophenol              | 7.58 | 139 | 219328  | 44.91 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.63 | 122 | 339327  | 46.07 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.72 | 93  | 484302  | 43.93 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.83 | 162 | 328051  | 43.45 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.91 | 180 | 365094  | 42.67 | ng | 98     |
| 31) Naphthalene                | 7.99 | 128 | 1169439 | 44.21 | ng | 99     |
| 32) Benzoic acid               | 7.76 | 122 | 251720  | 38.91 | ng | 98     |
| 33) 4-Chloroaniline            | 8.04 | 127 | 223514  | 19.41 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.10 | 225 | 212444  | 41.48 | ng | 96     |
| 35) Caprolactam                | 8.41 | 113 | 101908m | 44.12 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.53 | 107 | 355575  | 43.50 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.68 | 142 | 771907  | 43.04 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.78 | 142 | 732979  | 43.36 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.85 | 216 | 345410  | 42.94 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF042220\  
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 Sample : PB128411BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 22 11:49:00 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.83  | 237  | 341495   | 74.66 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 8.96  | 196  | 233621   | 42.06 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.00  | 196  | 251740   | 40.24 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.15  | 154  | 927808   | 43.16 | ng    | 97       |
| 47) 2-Chloronaphthalene        | 9.17  | 162  | 723186   | 43.67 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.27  | 65   | 255535   | 42.58 | ng    | 93       |
| 49) Acenaphthylene             | 9.58  | 152  | 1148976  | 45.62 | ng    | 98       |
| 50) Dimethylphthalate          | 9.45  | 163  | 833711   | 42.32 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.51  | 165  | 189313   | 43.89 | ng    | 89       |
| 52) Acenaphthene               | 9.76  | 154  | 680046   | 40.48 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.68  | 138  | 127584   | 25.90 | ng    | 90       |
| 54) 2,4-Dinitrophenol          | 9.79  | 184  | 200249   | 77.54 | ng    | 95       |
| 55) Dibenzofuran               | 9.93  | 168  | 1023780  | 44.41 | ng    | 100      |
| 56) 4-Nitrophenol              | 9.86  | 139  | 298826   | 81.52 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 9.92  | 165  | 242647   | 42.70 | ng    | 95       |
| 58) Fluorene                   | 10.27 | 166  | 809129   | 43.89 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.05 | 232  | 211117   | 44.12 | ng    | 99       |
| 60) Diethylphthalate           | 10.15 | 149  | 846736   | 41.47 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.26 | 204  | 377448   | 39.95 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.30 | 138  | 206310   | 43.94 | ng    | 97       |
| 63) Azobenzene                 | 10.42 | 77   | 814797   | 44.53 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.33 | 198  | 139254   | 42.57 | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 10.39 | 169  | 724714   | 43.89 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.75 | 248  | 237024   | 38.39 | ng    | 97       |
| 68) Hexachlorobenzene          | 10.82 | 284  | 255053   | 40.72 | ng    | 98       |
| 69) Atrazine                   | 10.92 | 200  | 218178   | 47.49 | ng    | 97       |
| 70) Pentachlorophenol          | 11.02 | 266  | 249918   | 69.23 | ng    | 97       |
| 71) Phenanthrene               | 11.23 | 178  | 1163861  | 44.04 | ng    | 98       |
| 72) Anthracene                 | 11.28 | 178  | 1212345  | 44.91 | ng    | 98       |
| 73) Carbazole                  | 11.44 | 167  | 1111956  | 43.56 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.77 | 149  | 1347488  | 40.15 | ng    | 99       |
| 75) Fluoranthene               | 12.42 | 202  | 1303642  | 45.72 | ng    | 99       |
| 77) Benzidine                  | 12.54 | 184  | 558546   | 43.84 | ng    | 97       |
| 78) Pyrene                     | 12.65 | 202  | 1307107  | 41.14 | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.27 | 149  | 573836   | 37.22 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.83 | 228  | 1074685  | 43.34 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.80 | 252  | 244935   | 26.47 | ng    | # 98     |
| 83) Chrysene                   | 13.87 | 228  | 1107034  | 43.94 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.83 | 149  | 738208   | 35.36 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.44 | 149  | 1316378  | 37.03 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.62 | 276  | 922532   | 41.54 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.86 | 252  | 998740   | 40.68 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 14.89 | 252  | 990871   | 46.78 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.20 | 252  | 890152   | 43.12 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.63 | 278  | 759106   | 41.52 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.03 | 276  | 743067   | 41.17 | ng    | 96       |

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

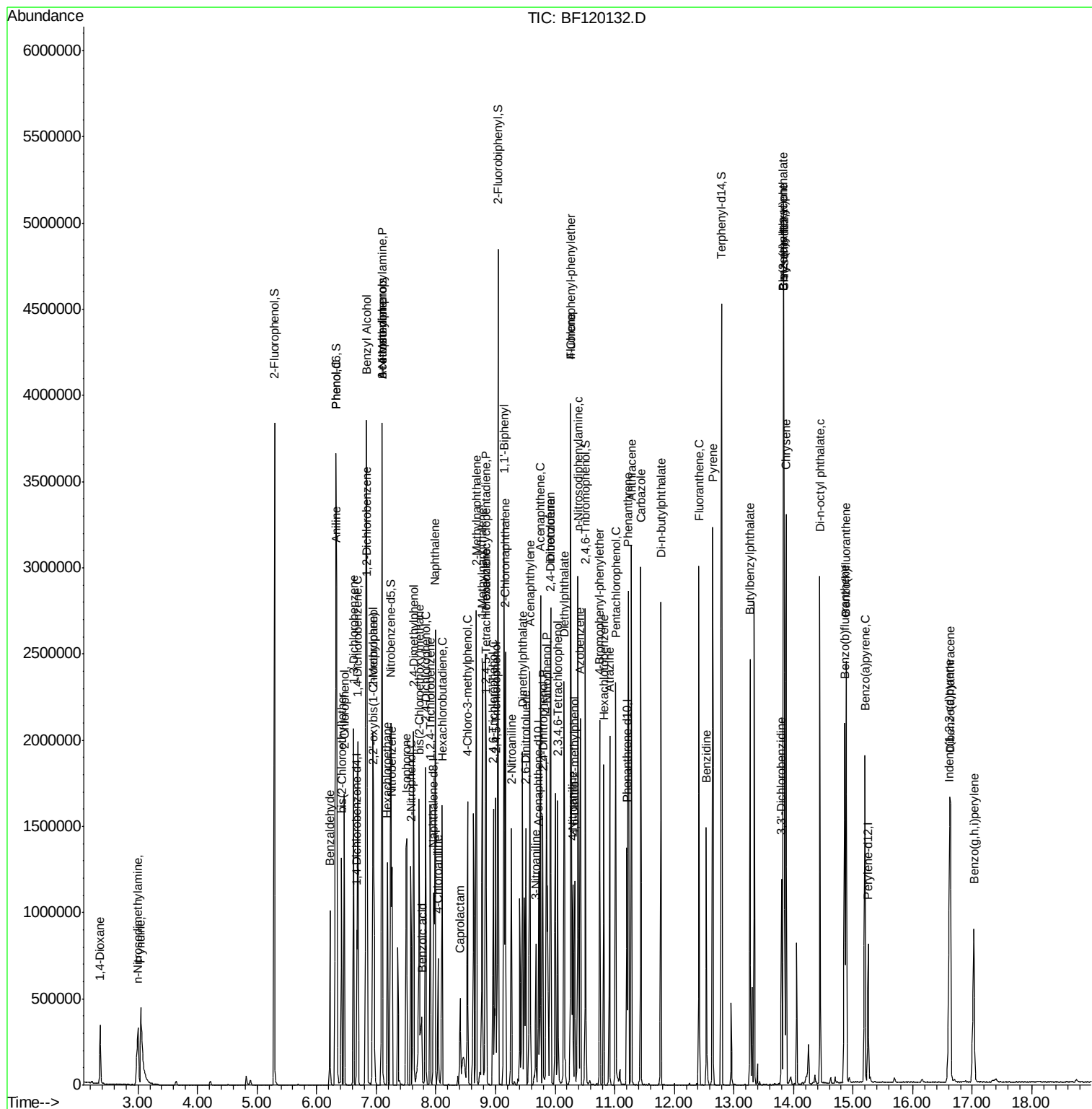
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Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
Data File : BF120132.D
Acq On    : 22 Apr 2020   15:43
Operator  : MA/SJ
Sample    : PB128411BS
Misc      :
ALS Vial  : 12      Sample Multiplier: 1
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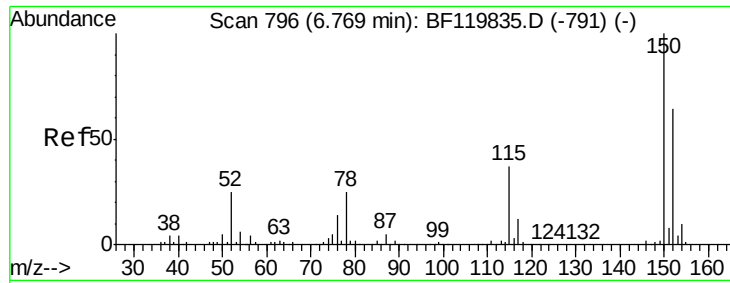
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
PB128411BS

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4/24/2020 4:17:56 AM

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QLast Update : Wed Apr 22 11:49:00 2020  
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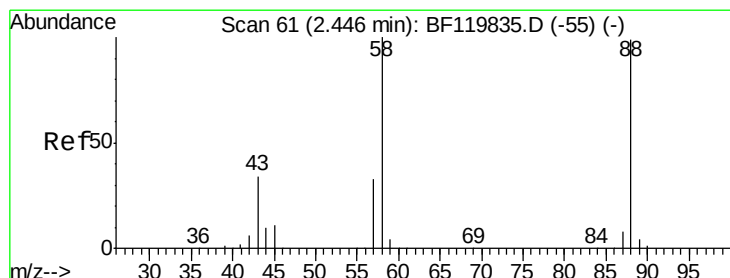
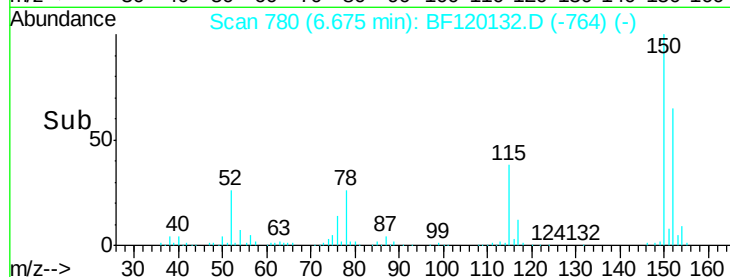
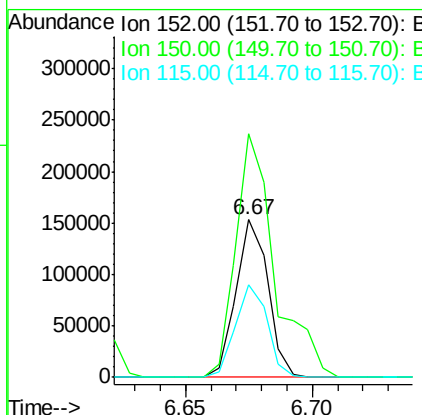
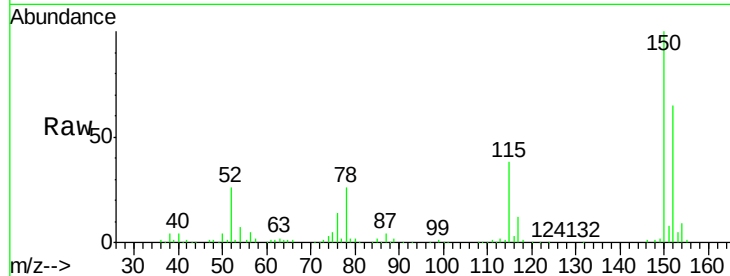
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 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.67 min Scan# 780  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.7 | 124.5 | 186.7 |
| 115     | 58.7  | 49.6  | 74.4  |

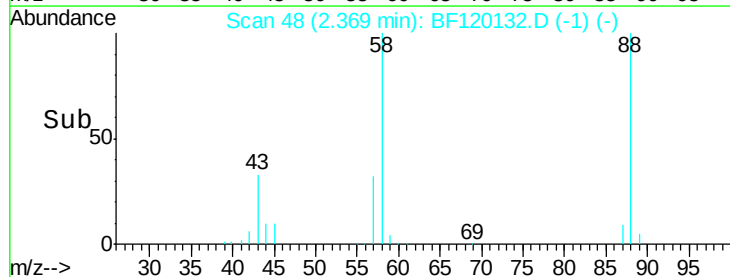
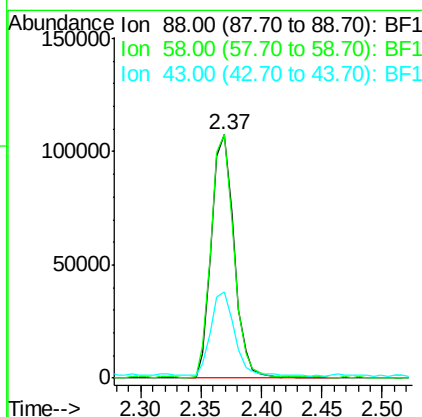
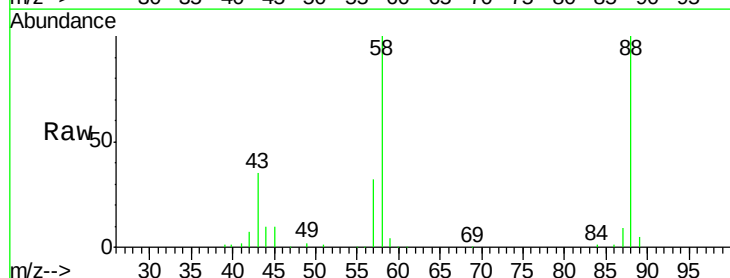
Manual Integrations  
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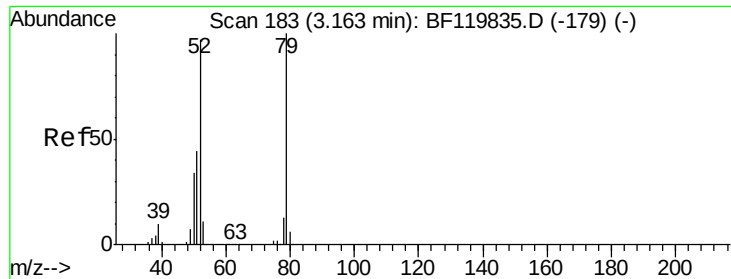
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 4/24/2020 4:17:56 AM



#2  
 1,4-Dioxane  
 Concen: 40.55 ng  
 RT: 2.37 min Scan# 48  
 Delta R.T. 0.09 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 101.7 | 80.6  | 121.0 |
| 43      | 36.5  | 27.5  | 41.3  |





#3

Pyridine

Concen: 38.08 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.08 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

Instrument :

BNA\_F

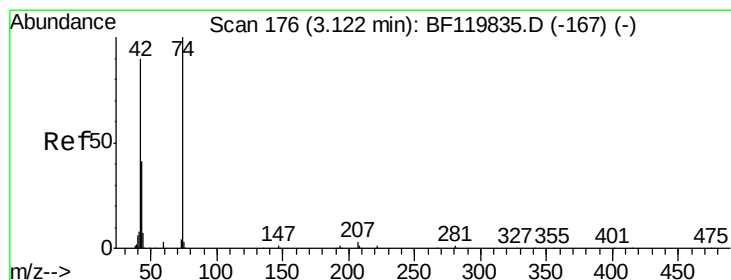
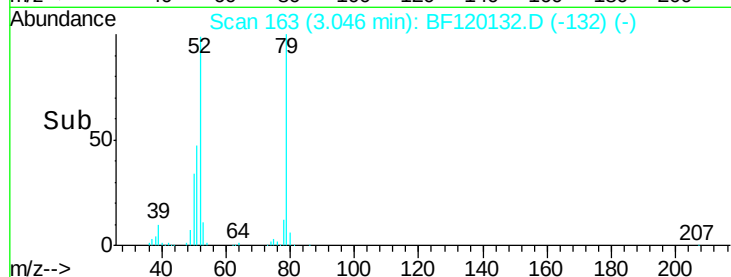
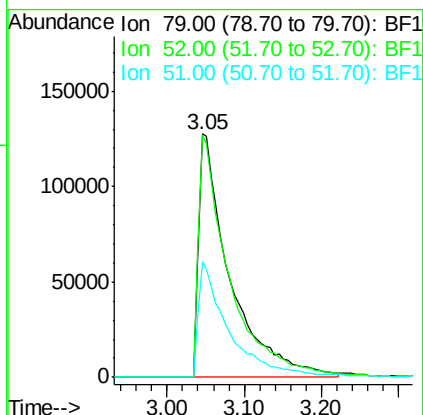
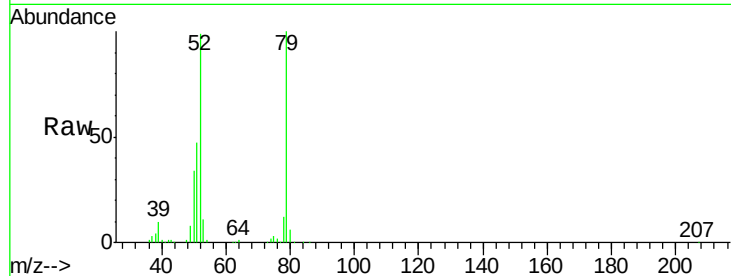
ClientSampleId :

PB128411BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 359452 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 99.5  | 80.2  | 120.2  |
| 51       | 47.4  | 37.7  | 56.5   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 44.62 ng

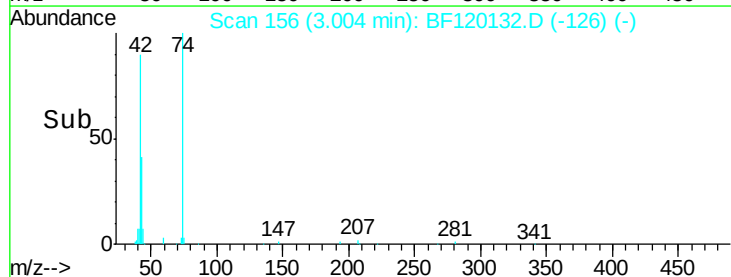
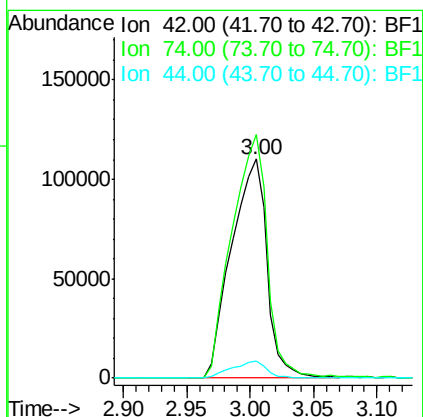
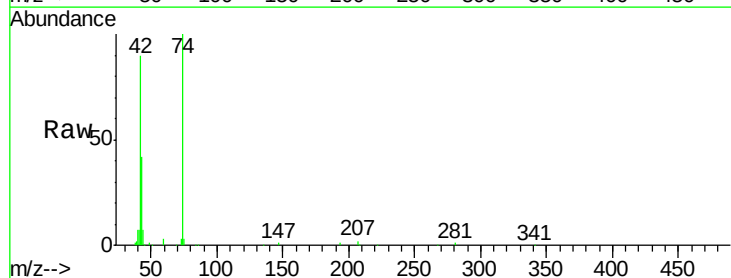
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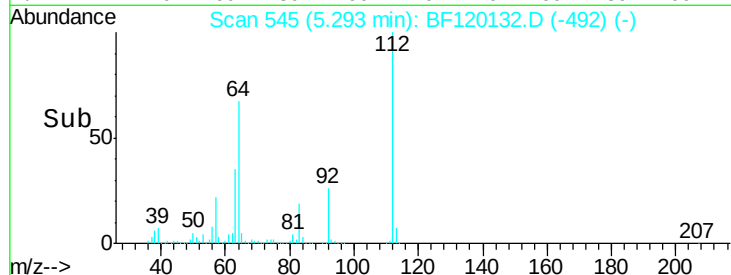
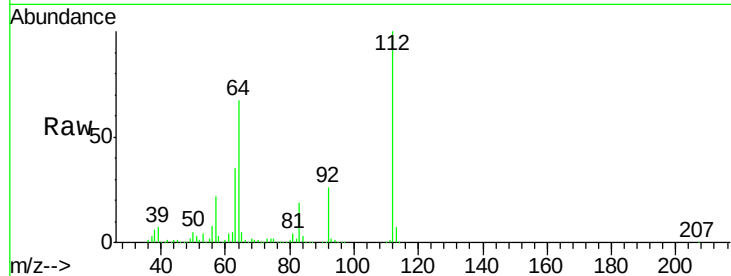
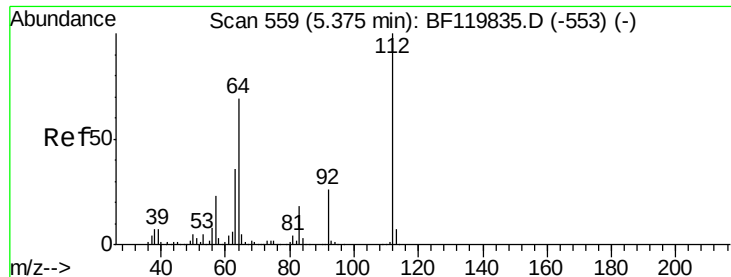
Delta R.T. 0.08 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 215181 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 111.1 | 91.5  | 137.3  |
| 44       | 7.8   | 6.2   | 9.4    |





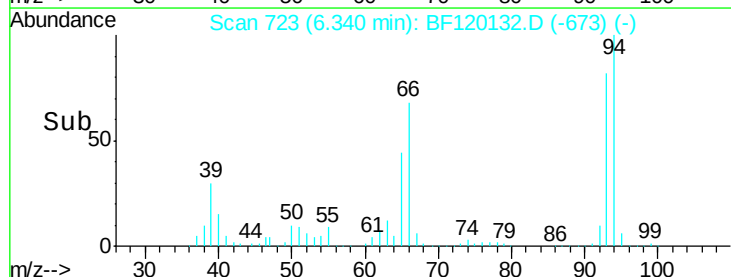
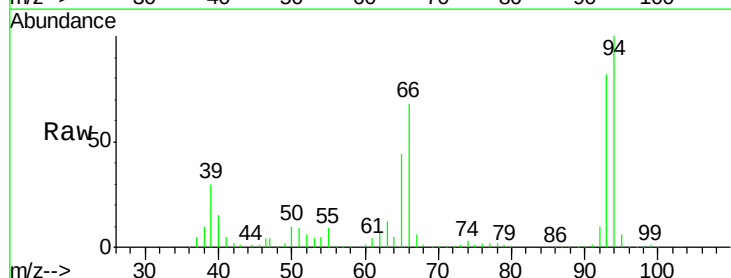
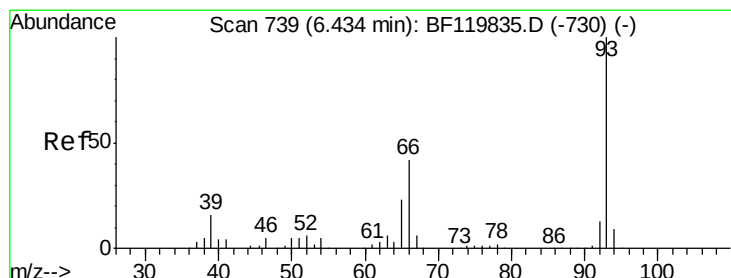
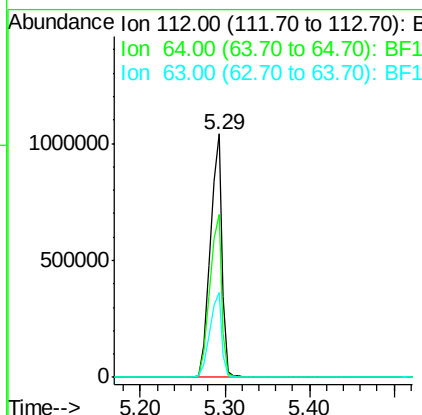
#5  
2-Fluorophenol  
Concen: 133.03 ng  
RT: 5.29 min Scan# 545  
Delta R.T. 0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Tgt Ion: 112 Resp: 1027532  
Ion Ratio Lower Upper  
112 100  
64 67.0 56.7 85.1  
63 35.0 29.5 44.3

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

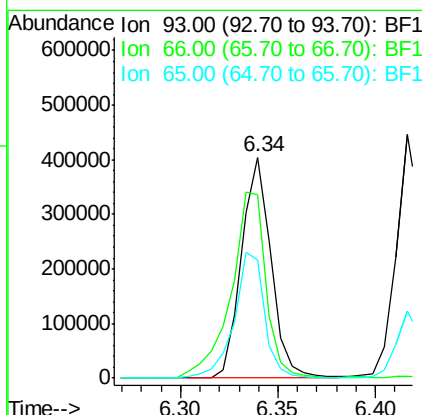
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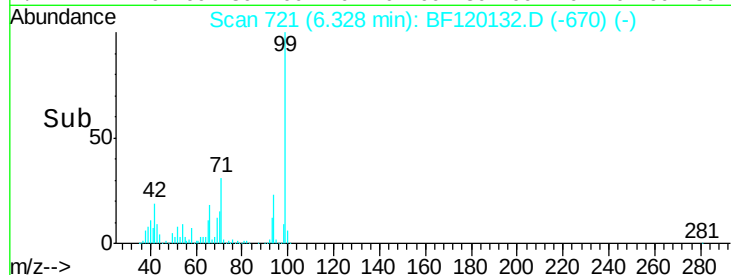
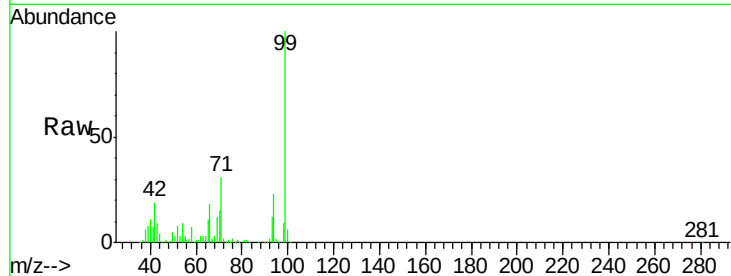
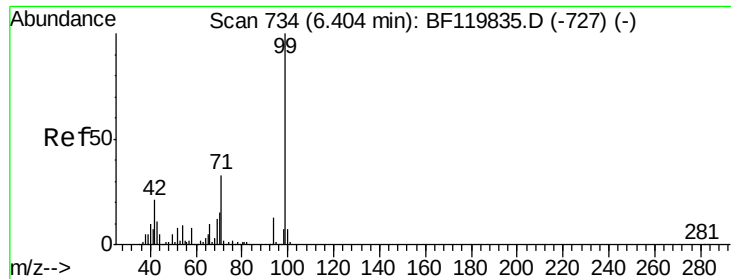
mohammad  
4/24/2020 4:17:56 AM



#6  
Aniline  
Concen: 32.65 ng  
RT: 6.34 min Scan# 723  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Tgt Ion: 93 Resp: 426472  
Ion Ratio Lower Upper  
93 100  
66 82.8 34.9 52.3#  
65 53.7 18.6 27.8#





#7

Phenol-d6

Concen: 132.63 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

Tgt Ion: 99 Resp: 1320089

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

71 31.4 26.4 39.6

Instrument :

BNA\_F

ClientSampleId :

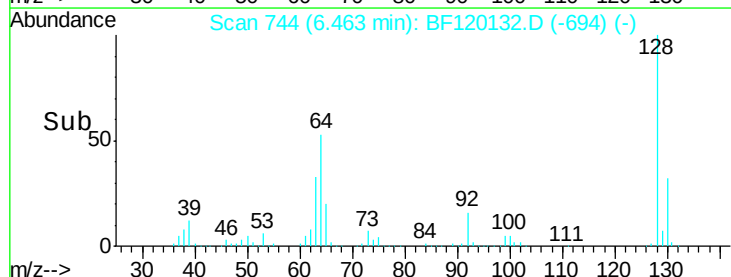
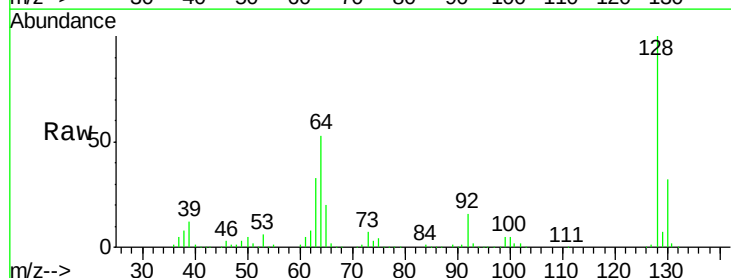
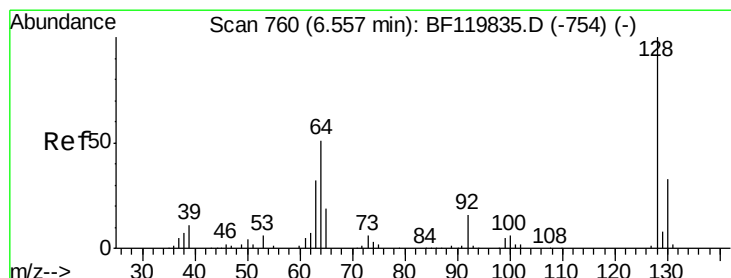
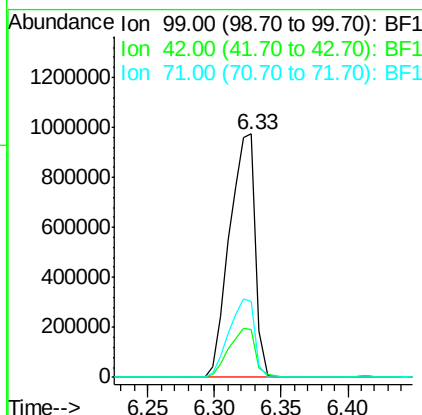
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Manual Integrations

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#8

2-Chlorophenol

Concen: 47.51 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

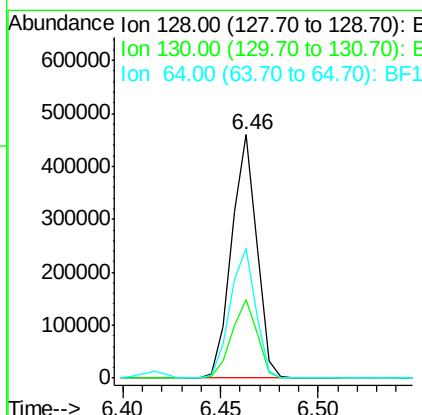
Tgt Ion: 128 Resp: 410050

Ion Ratio Lower Upper

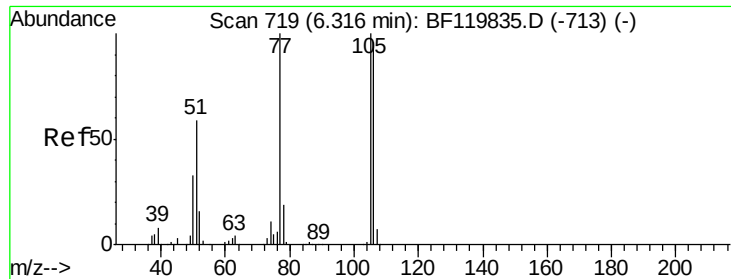
128 100

130 32.3 12.6 52.6

64 53.1 35.3 75.3







#9

Benzaldehyde

Concen: 27.48 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF120132.D

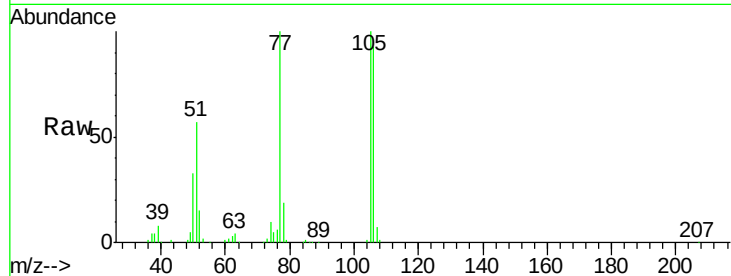
Acq: 22 Apr 2020 15:43

Instrument :

BNA\_F

ClientSampleId :

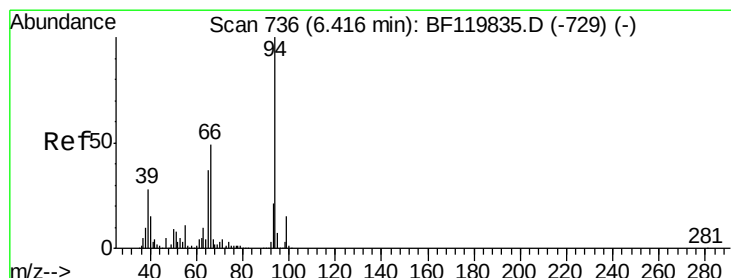
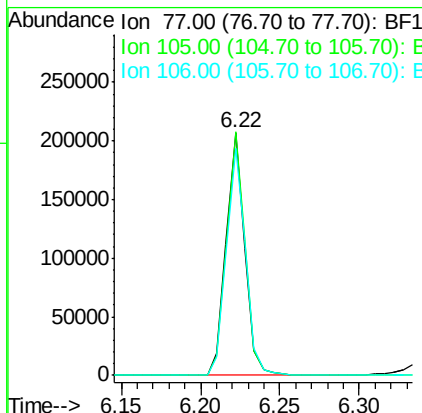
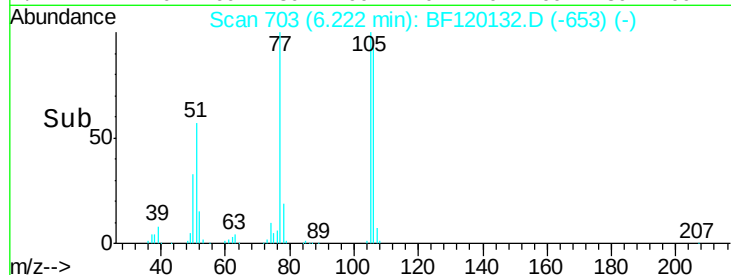
PB128411BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 100.3 | 80.9  | 120.9 |
| 106     | 93.5  | 77.9  | 117.9 |

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#10

Phenol

Concen: 45.68 ng

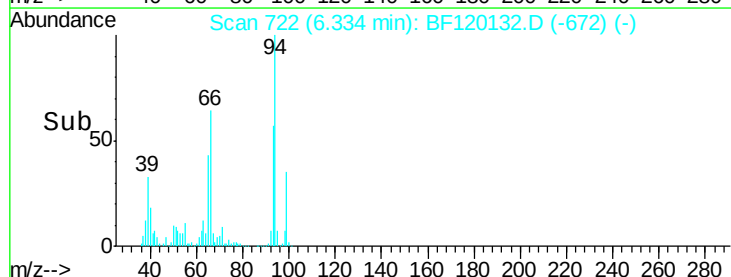
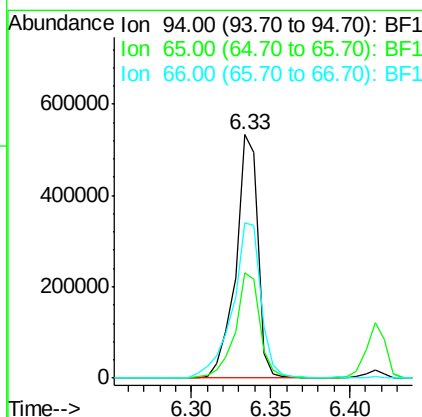
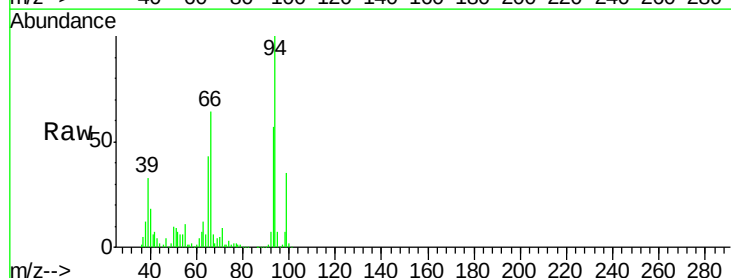
RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

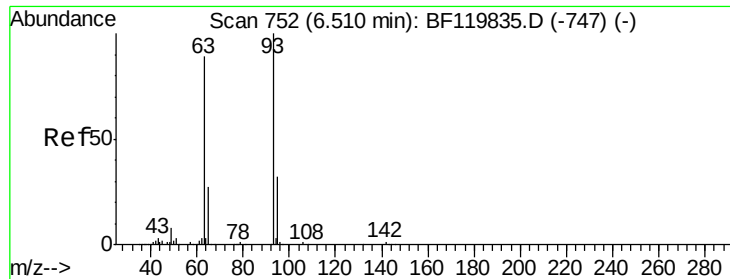
Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 43.1  | 13.2  | 53.2  |
| 66      | 63.8  | 22.3  | 62.3# |







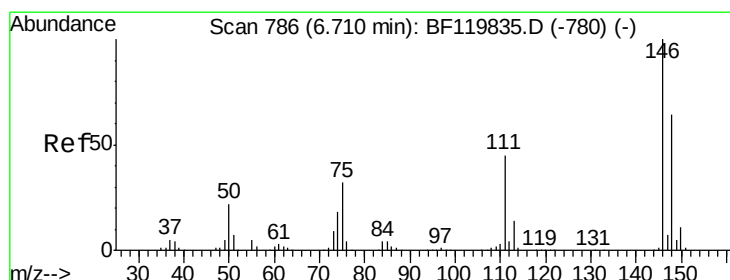
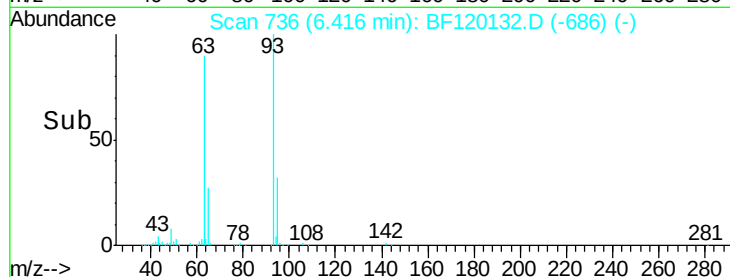
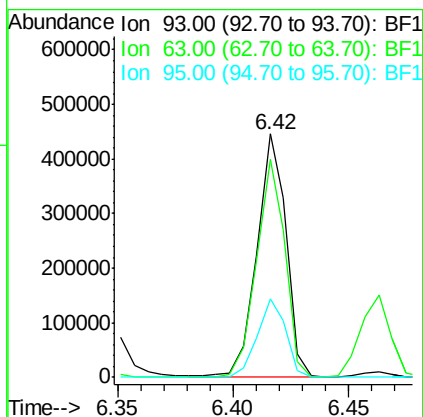
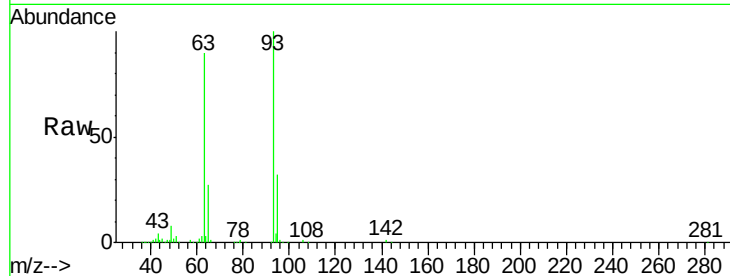
#11  
bis(2-Chloroethyl)ether  
Concen: 44.74 ng  
RT: 6.42 min Scan# 736  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 89.6  | 70.2  | 110.2 |
| 95      | 32.5  | 13.4  | 53.4  |

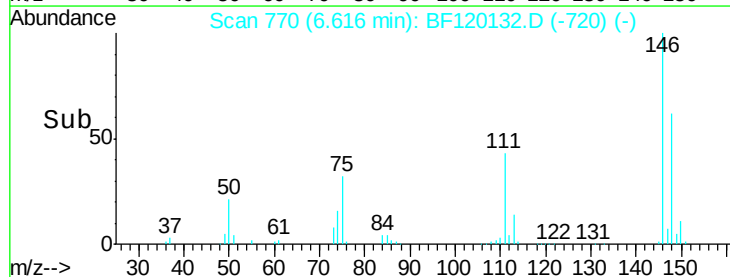
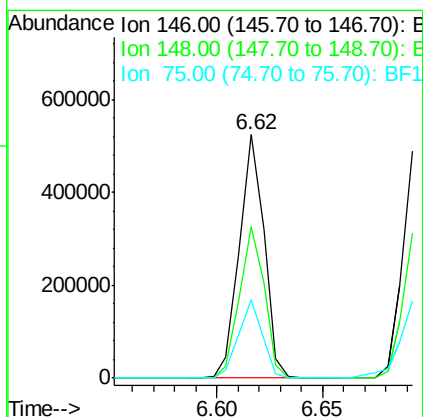
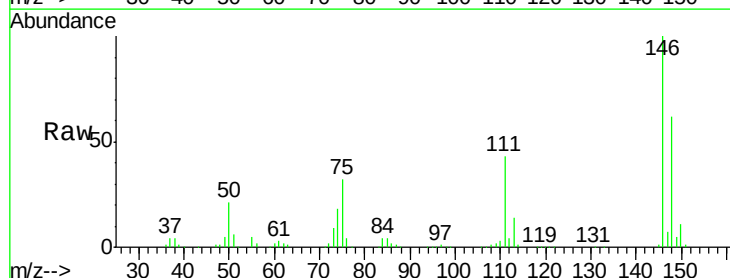
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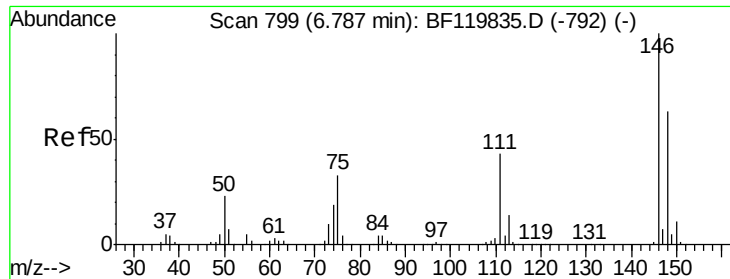
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 44.91 ng  
RT: 6.62 min Scan# 770  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.4  | 52.2  | 78.4  |
| 75      | 32.3  | 23.0  | 34.4  |





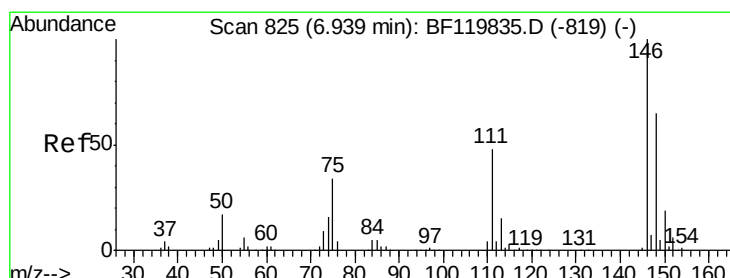
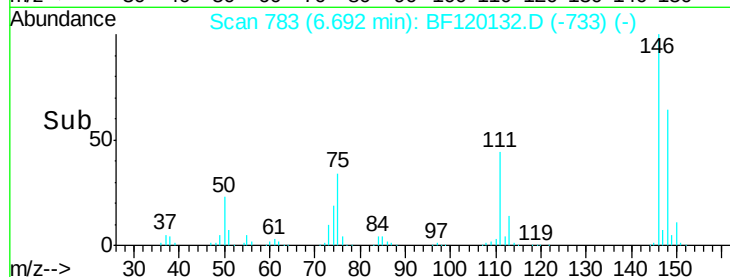
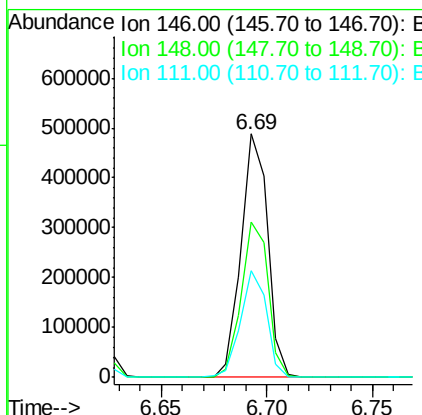
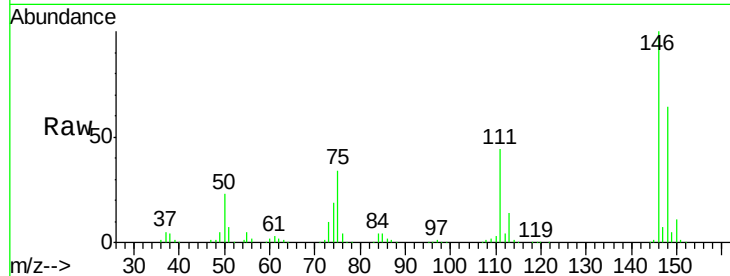
#13  
 1,4-Dichlorobenzene  
 Concen: 44.20 ng  
 RT: 6.69 min Scan# 783  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 51.5  | 77.3  |
| 111     | 43.9  | 33.3  | 49.9  |

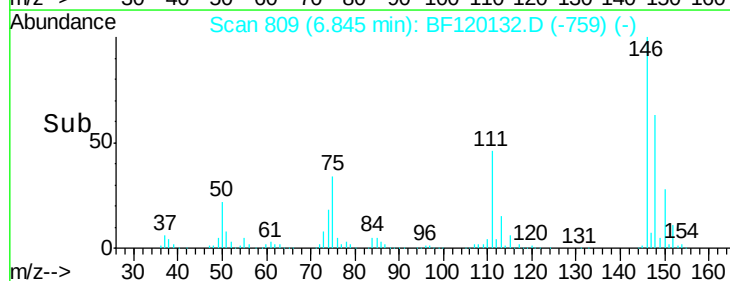
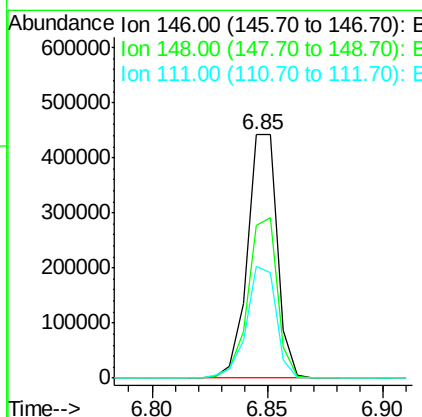
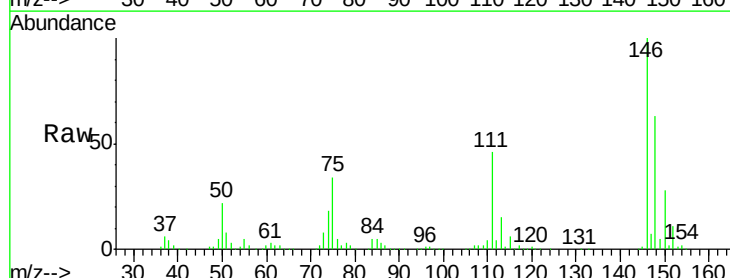
Manual Integrations  
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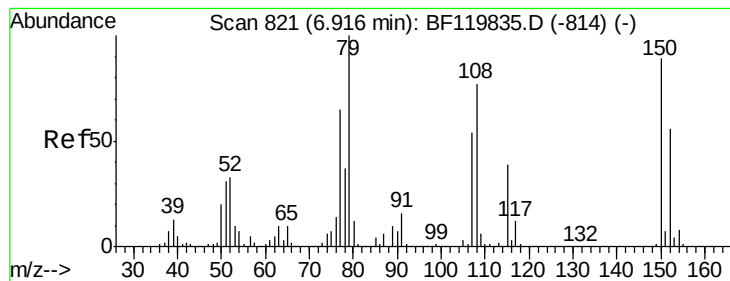
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#14  
 1,2-Dichlorobenzene  
 Concen: 45.19 ng  
 RT: 6.85 min Scan# 809  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.7  | 50.6  | 75.8  |
| 111     | 46.1  | 36.1  | 54.1  |





#15

Benzyl Alcohol

Concen: 44.04 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

Instrument :

BNA\_F

ClientSampled :

PB128411BS

Tgt Ion: 79 Resp: 340459

Ion Ratio Lower Upper

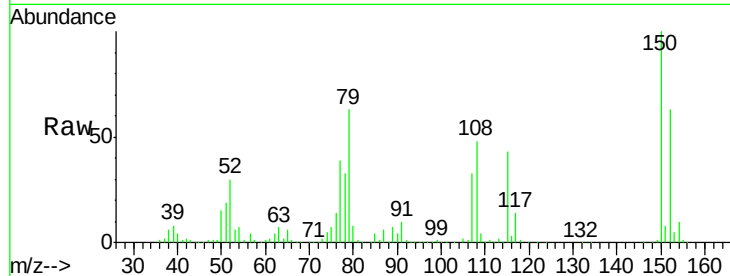
79 100

108 76.5 60.6 90.8

77 61.6 50.2 75.2

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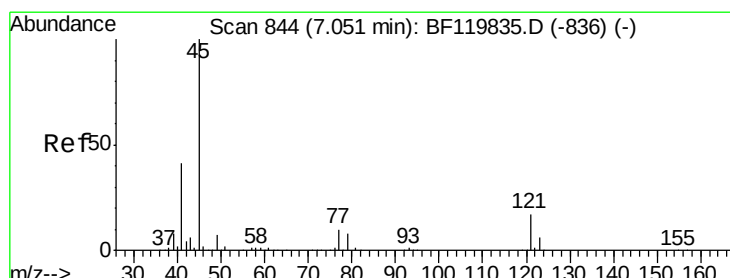
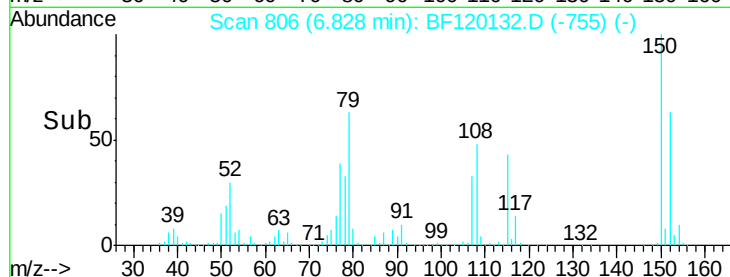
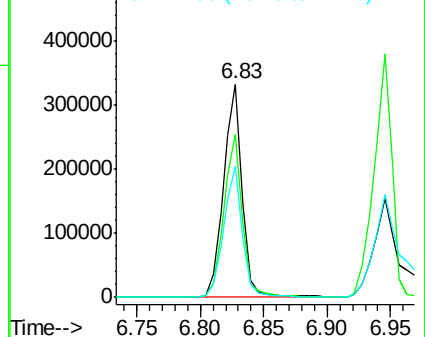
mohammad  
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.57 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

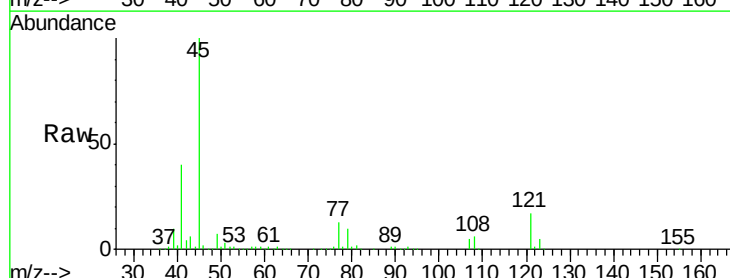
Tgt Ion: 45 Resp: 671354

Ion Ratio Lower Upper

45 100

77 13.1 0.0 30.7

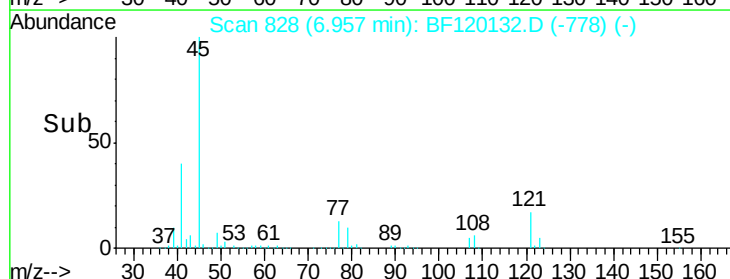
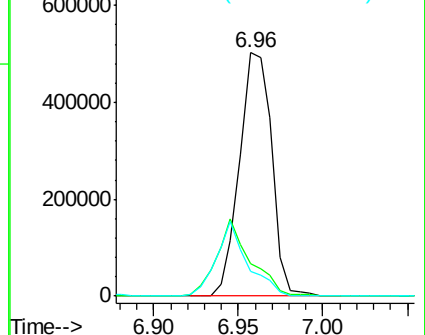
79 10.0 0.0 28.2

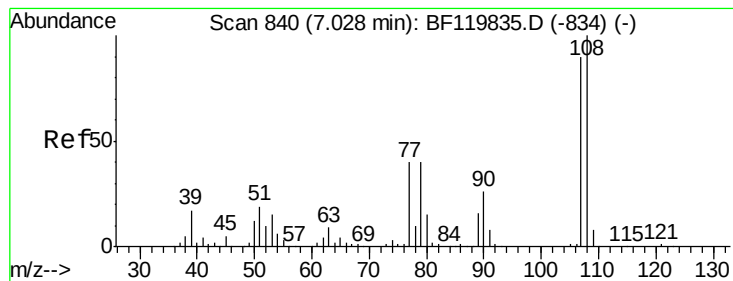


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





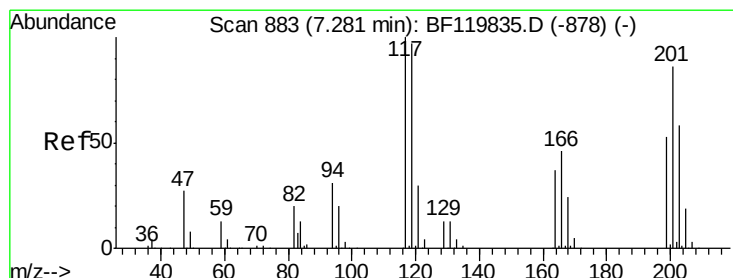
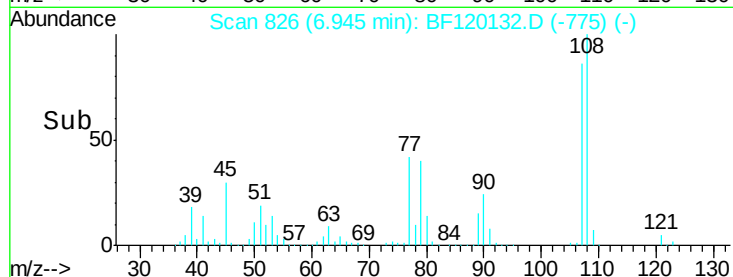
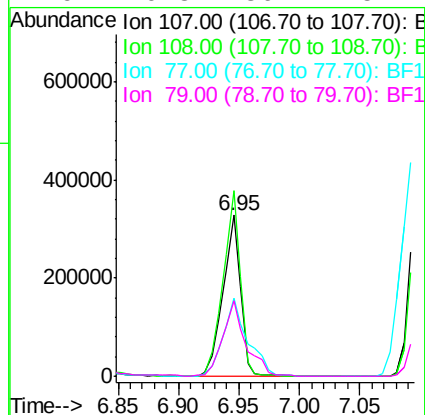
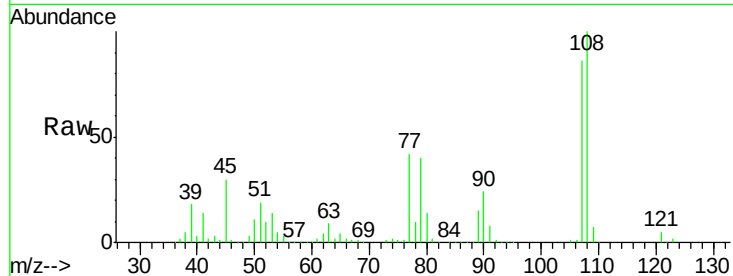
#17  
2-Methylphenol  
Concen: 42.81 ng  
RT: 6.95 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 329756 |       |       |
| 108     | 115.7 | 92.2   | 138.4 |       |
| 77      | 48.7  | 36.6   | 54.8  |       |
| 79      | 46.8  | 36.2   | 54.4  |       |

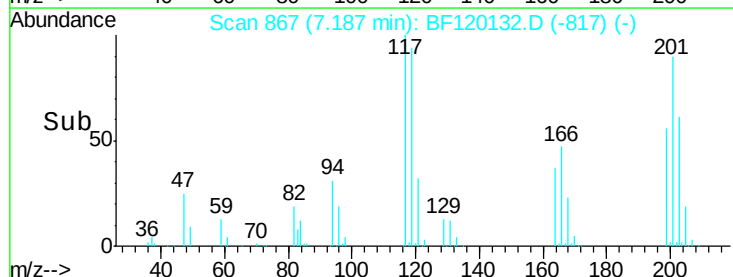
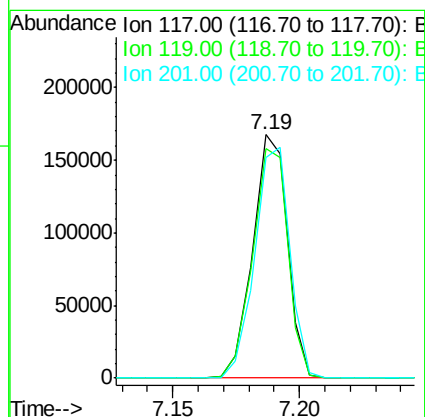
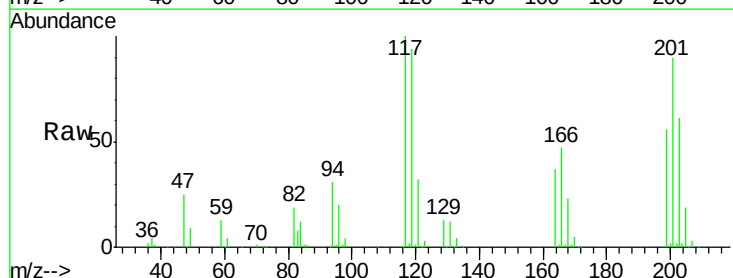
Manual Integrations  
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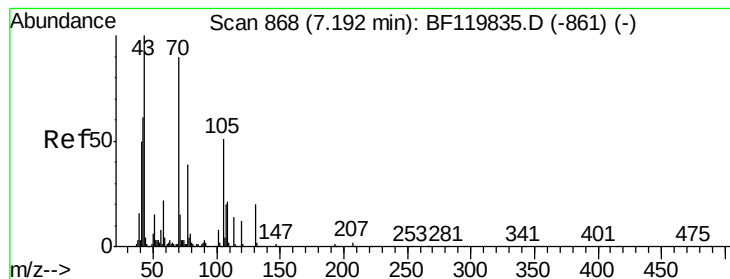
mohammad  
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#18  
Hexachloroethane  
Concen: 44.79 ng  
RT: 7.19 min Scan# 867  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 161126 |       |       |
| 119     | 94.4  | 76.1   | 114.1 |       |
| 201     | 90.5  | 73.0   | 109.6 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 43.26 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

Instrument :

BNA\_F

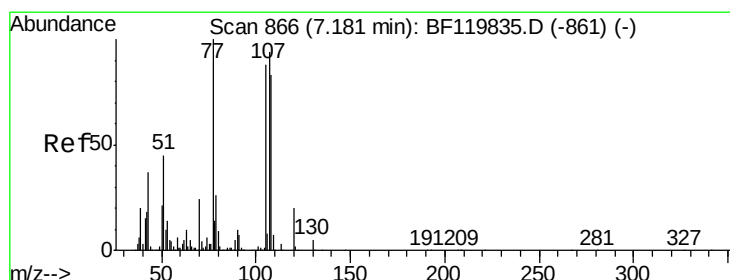
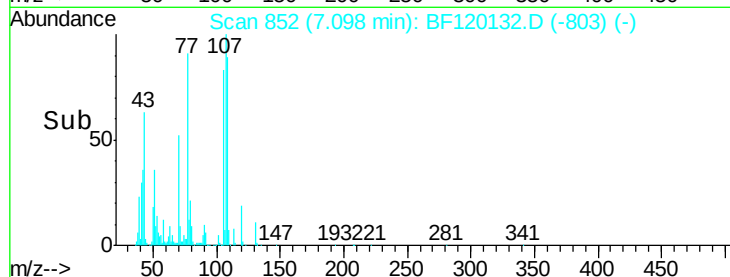
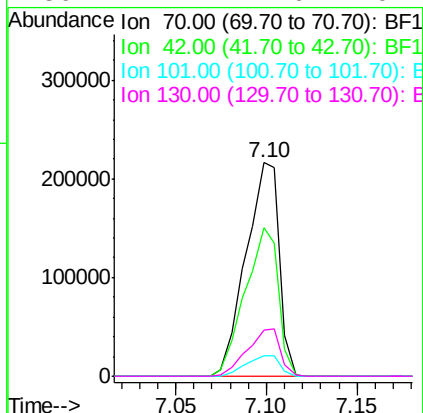
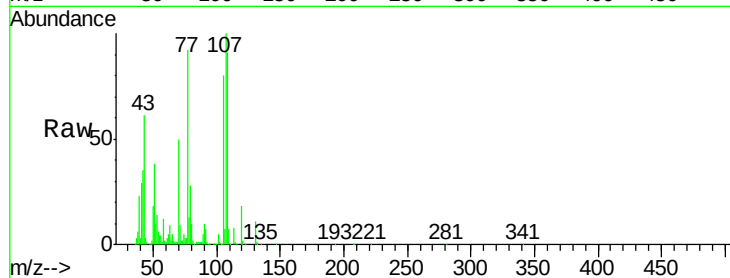
ClientSampleId :

PB128411BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 69.7  | 54.5  | 81.7  |
| 101     | 9.6   | 7.6   | 11.4  |
| 130     | 21.7  | 17.6  | 26.4  |

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#20

3+4-Methylphenols

Concen: 44.50 ng

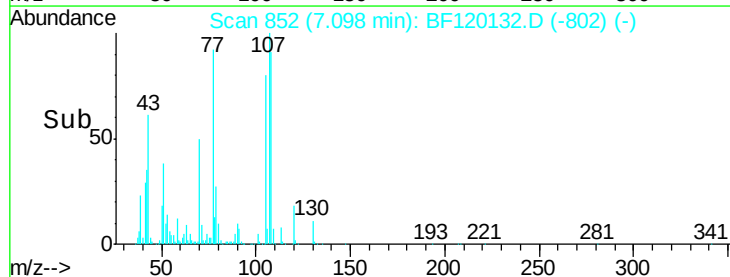
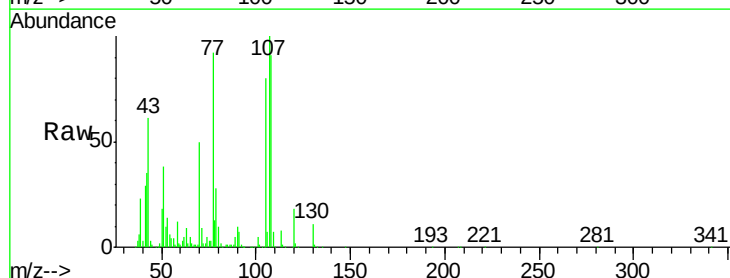
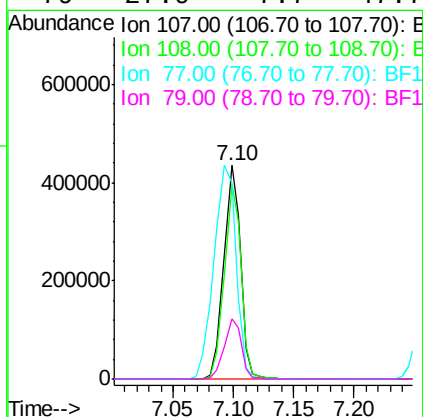
RT: 7.10 min Scan# 852

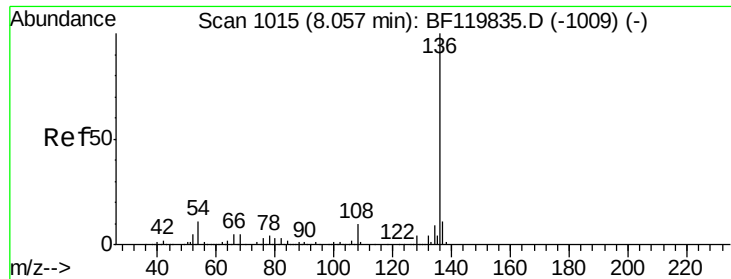
Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 91.1  | 67.9  | 107.9 |
| 77      | 91.8  | 52.9  | 92.9  |
| 79      | 27.9  | 7.7   | 47.7  |





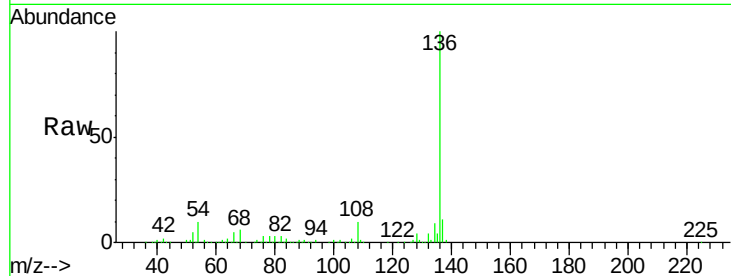
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.96 min Scan# 999  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 502759 |       |       |
| 137     | 11.4  | 8.7    | 13.1  |       |
| 54      | 10.4  | 9.1    | 13.7  |       |
| 68      | 5.5   | 4.6    | 6.8   |       |

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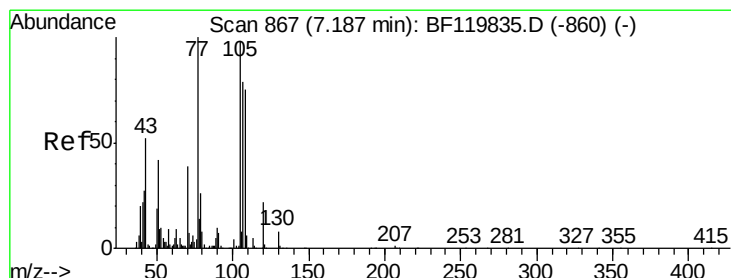
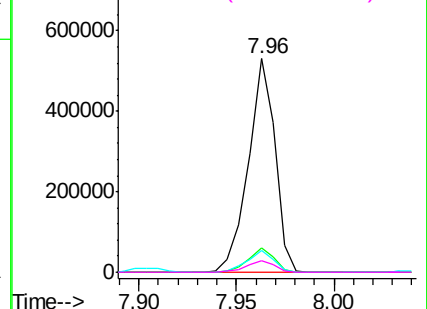
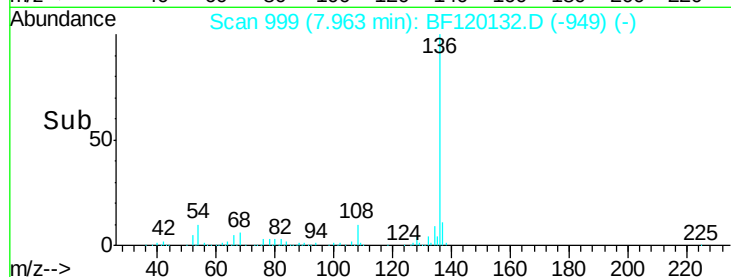
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

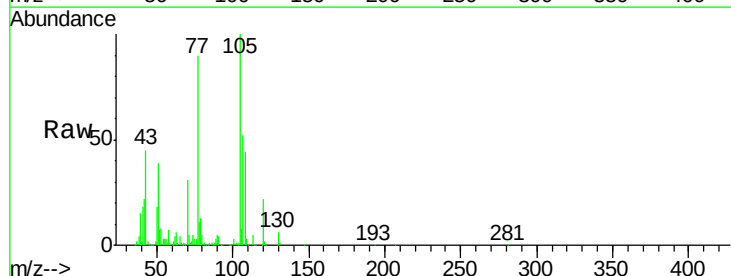
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22  
Acetophenone  
Concen: 46.94 ng  
RT: 7.09 min Scan# 851  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 552650 |       |       |
| 71      | 5.1   | 5.7    | 8.5#  |       |
| 51      | 39.3  | 26.2   | 39.4  |       |
| 120     | 21.7  | 18.3   | 27.5  |       |



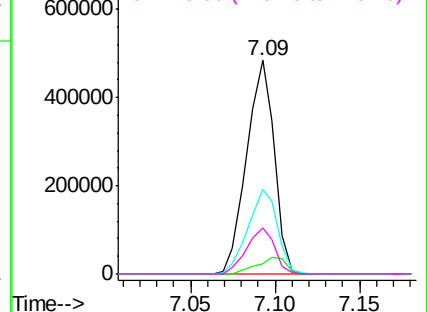
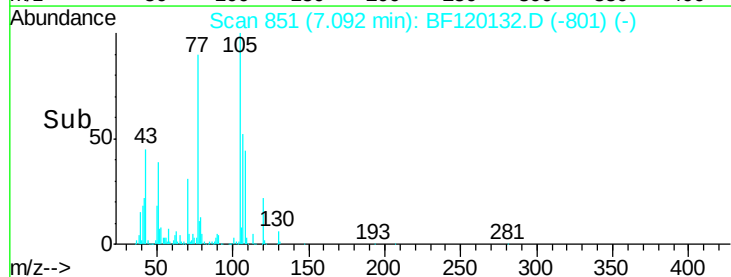
Abundance

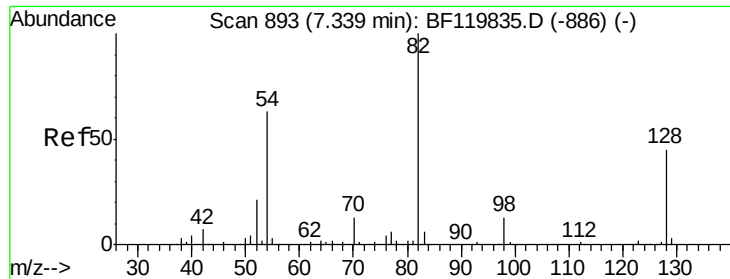
Ion 105.00 (104.70 to 105.70): E

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





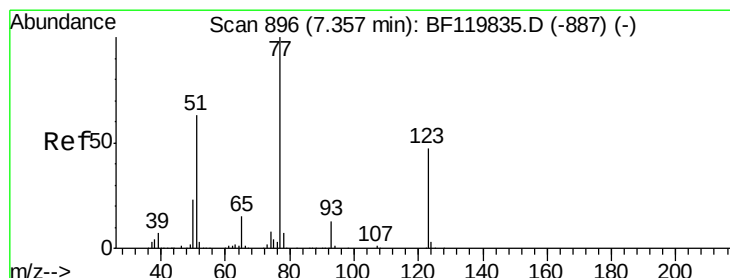
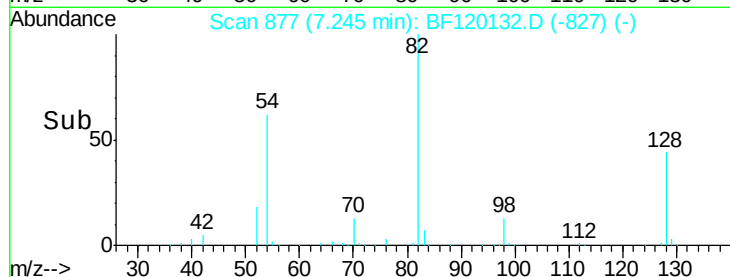
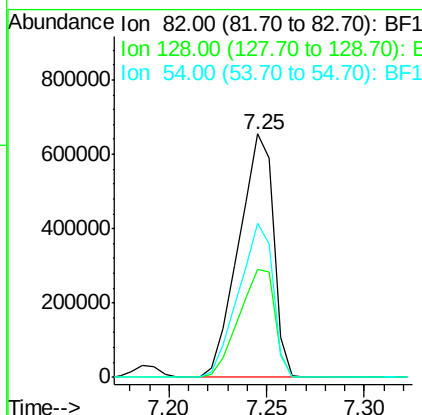
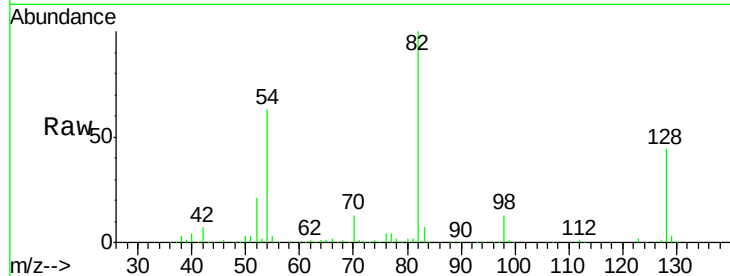
#23  
 Nitrobenzene-d5  
 Concen: 83.18 ng  
 RT: 7.25 min Scan# 877  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 82      | 100   |            |            |
| 128     | 44.1  | 36.3       | 54.5       |
| 54      | 63.4  | 50.6       | 75.8       |

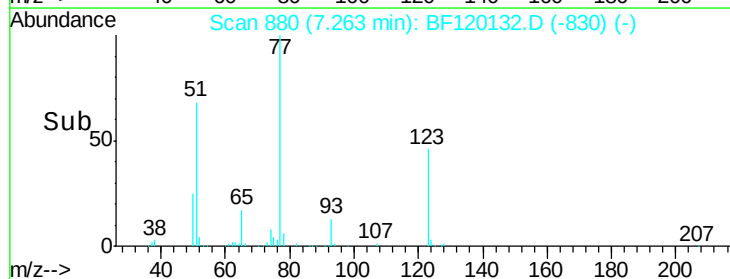
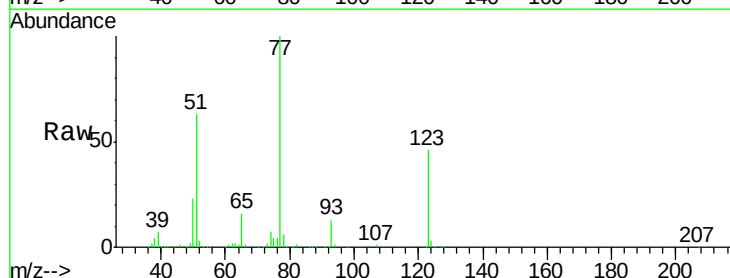
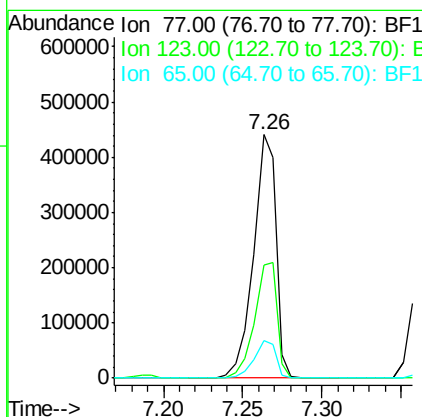
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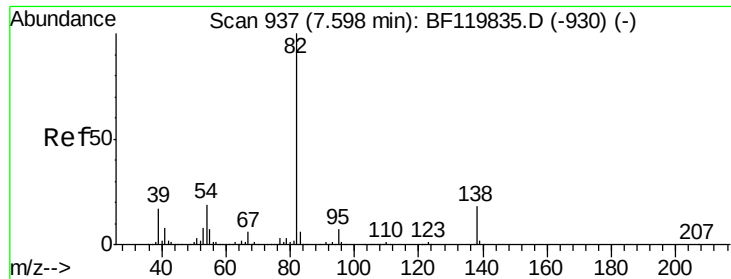


#24  
 Nitrobenzene  
 Concen: 44.39 ng  
 RT: 7.26 min Scan# 880  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 77      | 100   |            |            |
| 123     | 46.3  | 38.0       | 57.0       |
| 65      | 15.5  | 12.6       | 18.8       |







#25

Isophorone

Concen: 41.00 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

Instrument :

BNA\_F

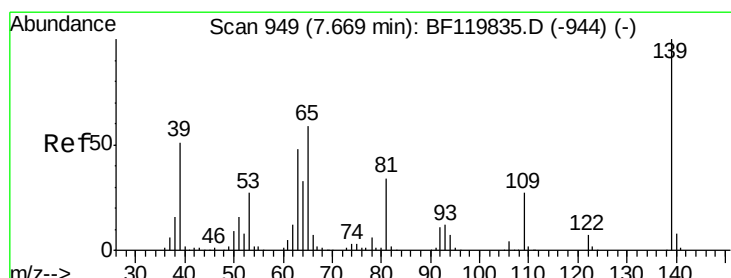
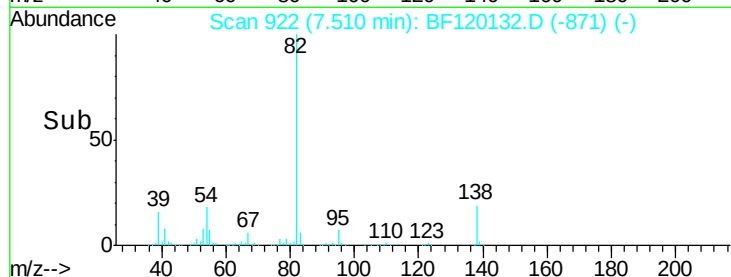
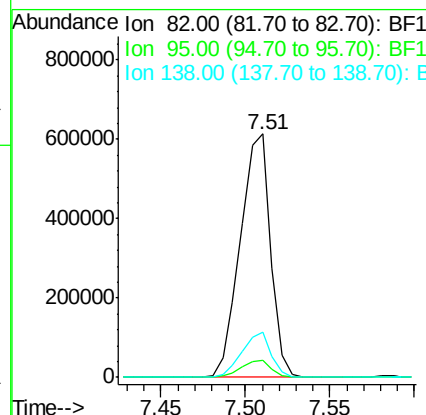
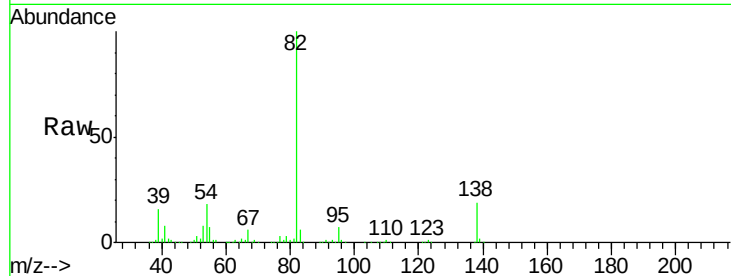
ClientSampleId :

PB128411BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 768137 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 5.8   | 8.6    |
| 138       | 18.6  | 14.6  | 21.8   |

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#26

2-Nitrophenol

Concen: 44.91 ng

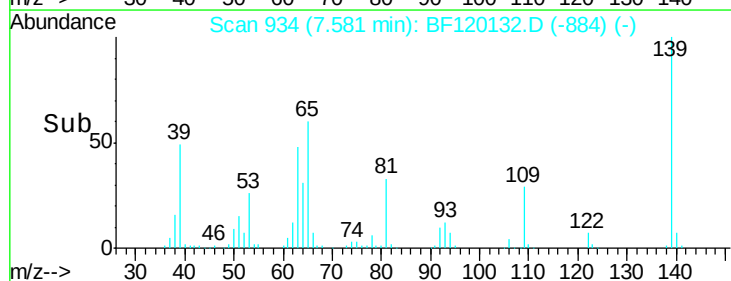
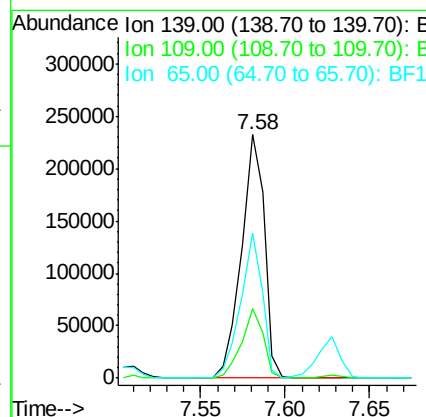
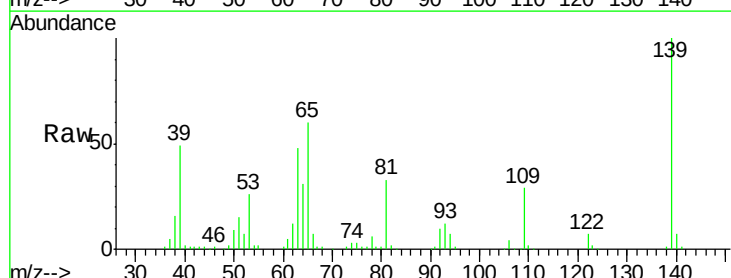
RT: 7.58 min Scan# 934

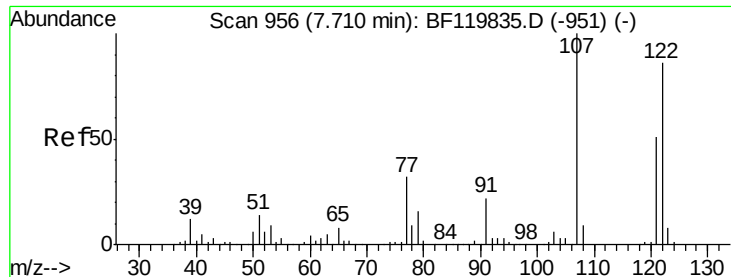
Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 219328 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 28.6  | 22.1  | 33.1   |
| 65        | 59.6  | 49.2  | 73.8   |





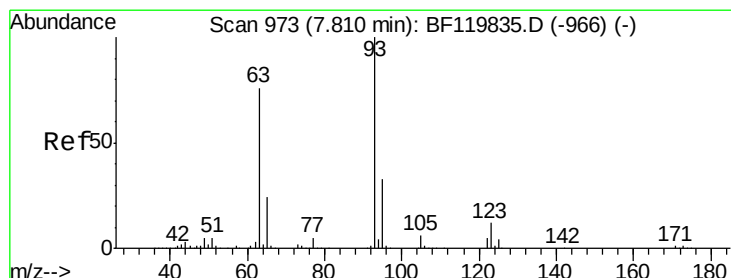
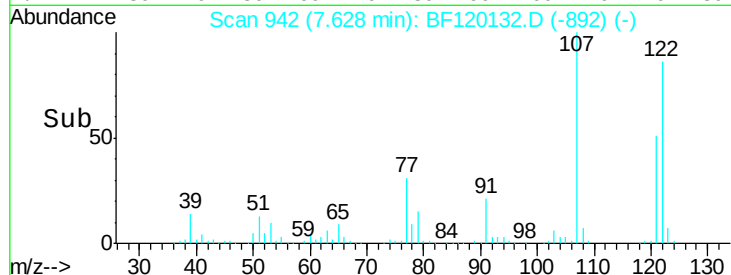
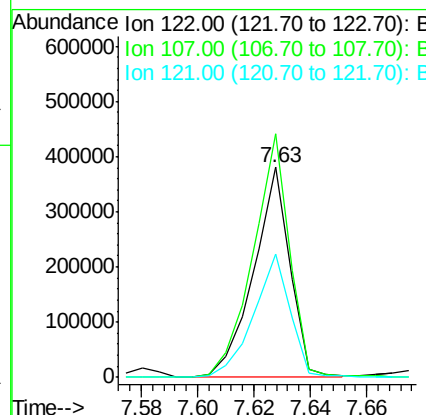
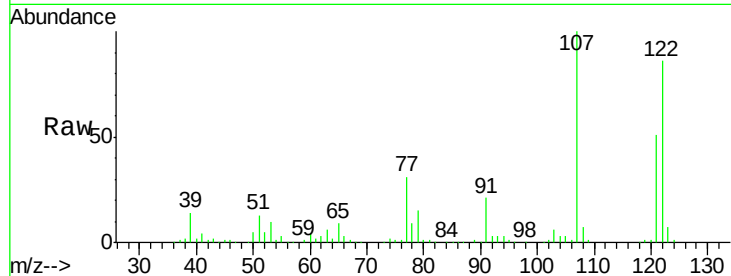
#27  
 2,4-Dimethylphenol  
 Concen: 46.07 ng  
 RT: 7.63 min Scan# 942  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 339327 |       |       |
| 107     | 115.9 | 89.0   | 133.6 |       |
| 121     | 58.8  | 46.7   | 70.1  |       |

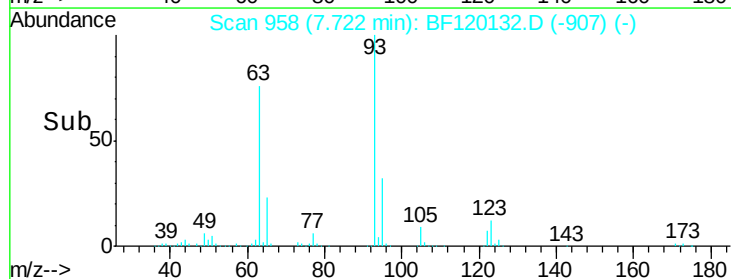
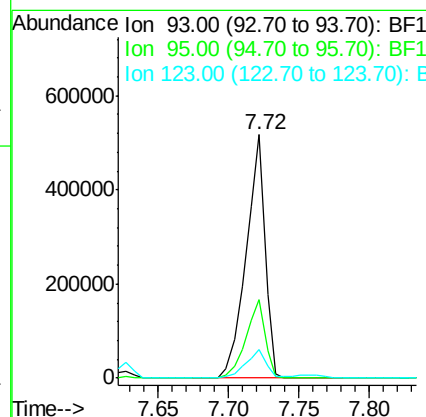
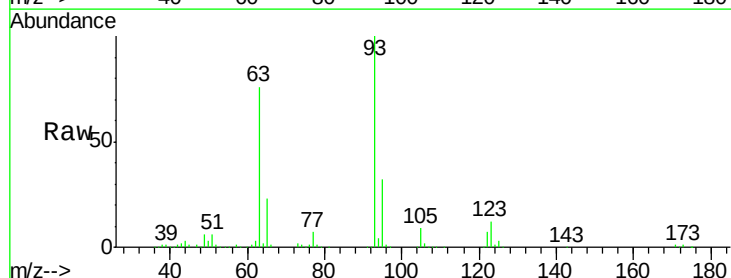
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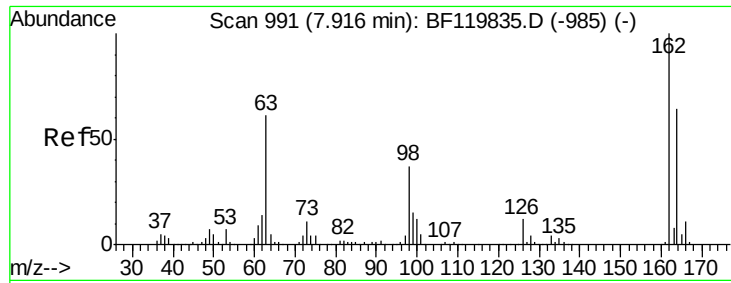
mohammad  
 4/24/2020 4:17:56 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.93 ng  
 RT: 7.72 min Scan# 958  
 Delta R.T. 0.00 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 484302 |       |       |
| 95      | 32.5  | 26.3   | 39.5  |       |
| 123     | 12.0  | 9.7    | 14.5  |       |





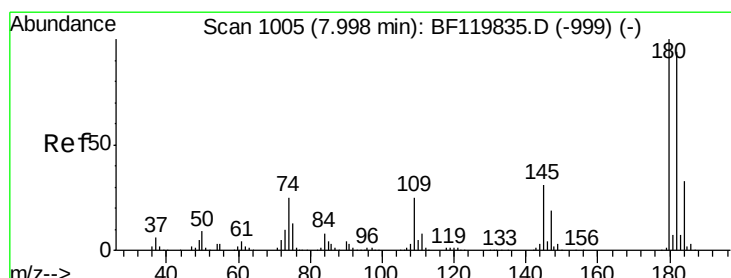
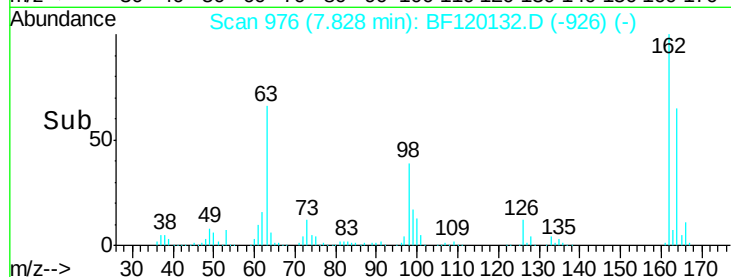
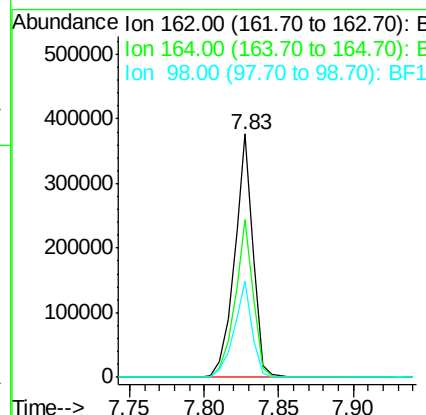
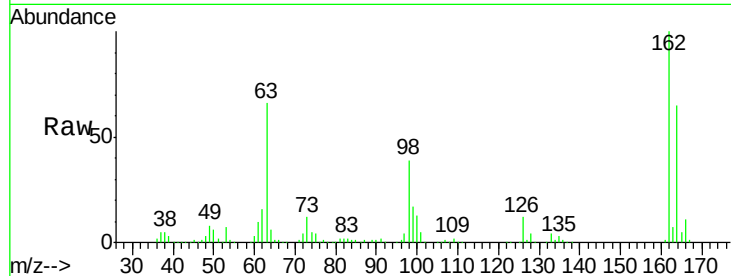
#29  
 2,4-Dichlorophenol  
 Concen: 43.45 ng  
 RT: 7.83 min Scan# 976  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 328051 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 65.0  | 44.7  | 84.7   |
| 98        | 39.5  | 20.7  | 60.7   |

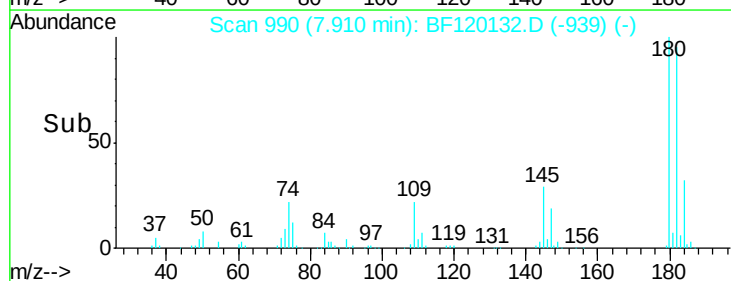
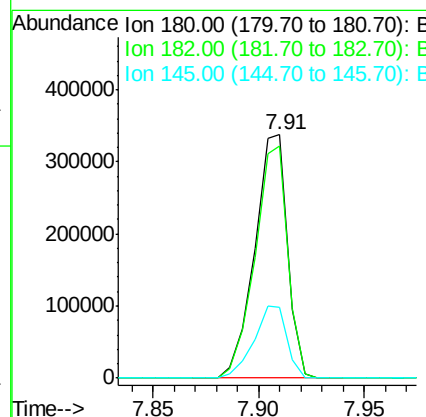
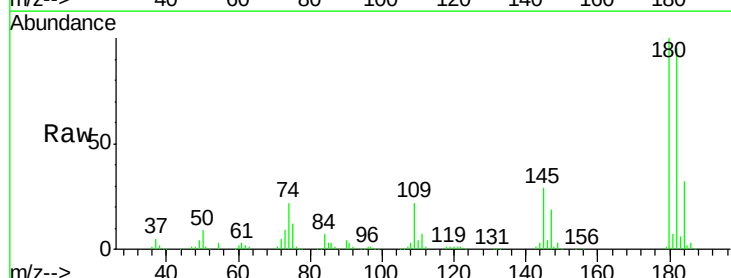
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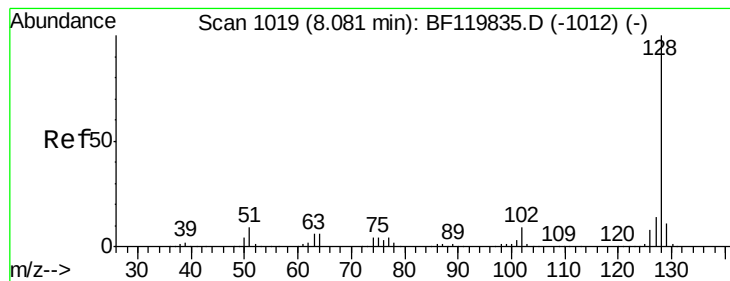
mohammad  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.67 ng  
 RT: 7.91 min Scan# 990  
 Delta R.T. 0.00 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 365094 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.2  | 74.7  | 112.1  |
| 145       | 29.0  | 24.5  | 36.7   |





#31

Naphthalene

Concen: 44.21 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

Instrument :

BNA\_F

ClientSampleId :

PB128411BS

Tgt Ion:128 Resp: 1169439

Ion Ratio Lower Upper

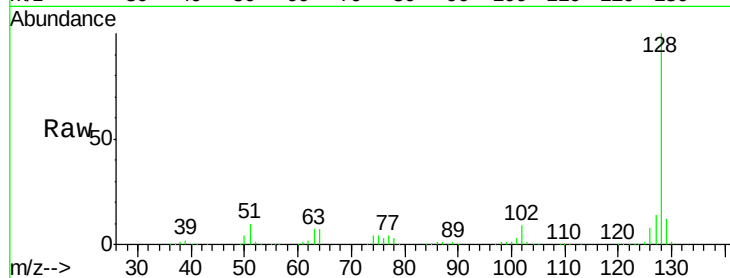
128 100

129 11.6 9.5 14.3

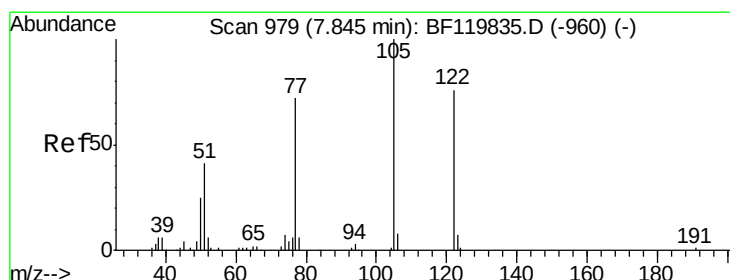
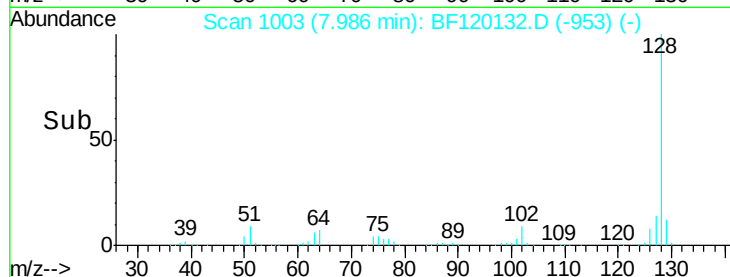
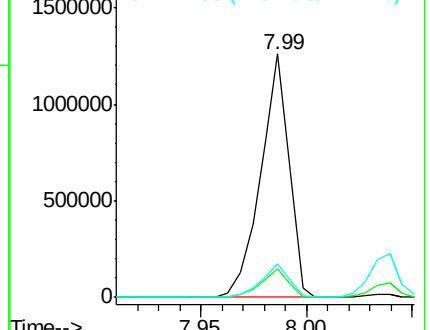
127 13.6 11.3 16.9

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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: 38.91 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

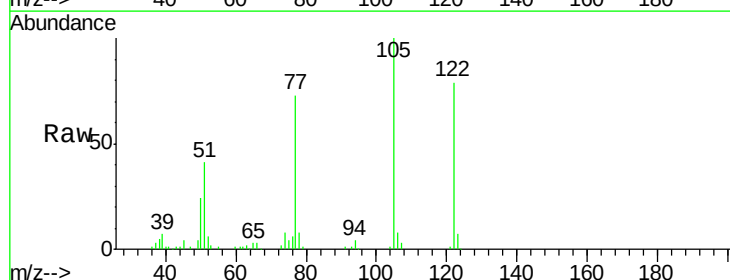
Tgt Ion:122 Resp: 251720

Ion Ratio Lower Upper

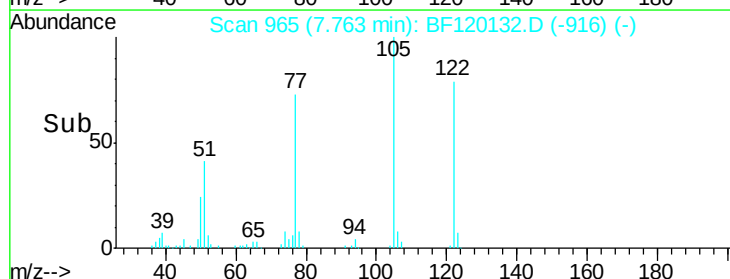
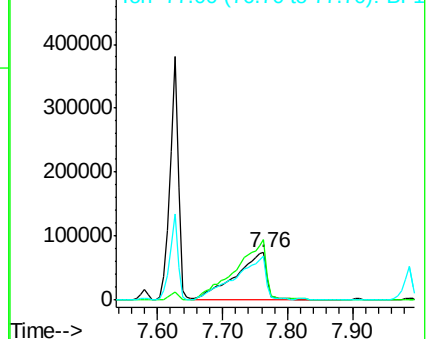
122 100

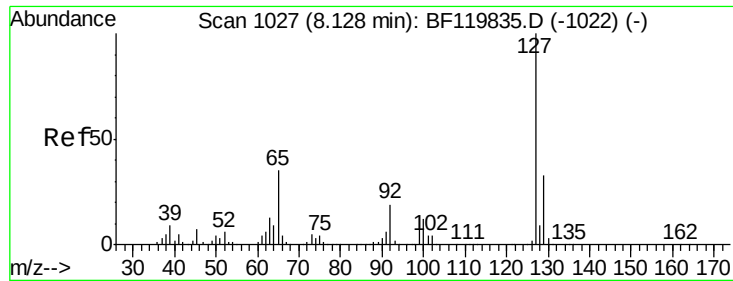
105 127.2 104.9 144.9

77 92.6 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





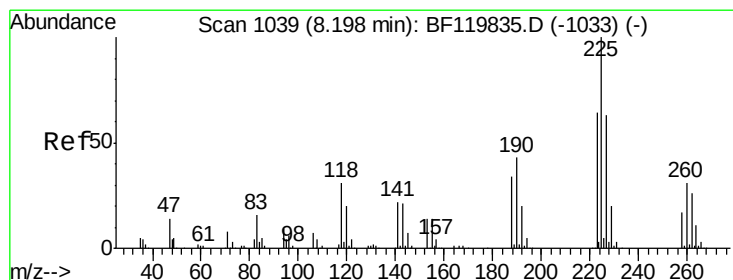
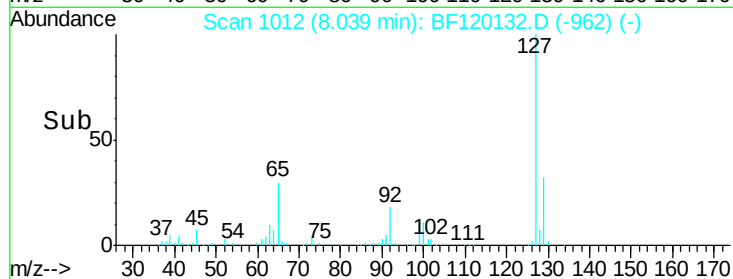
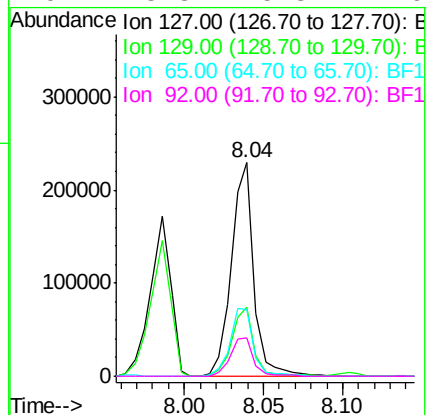
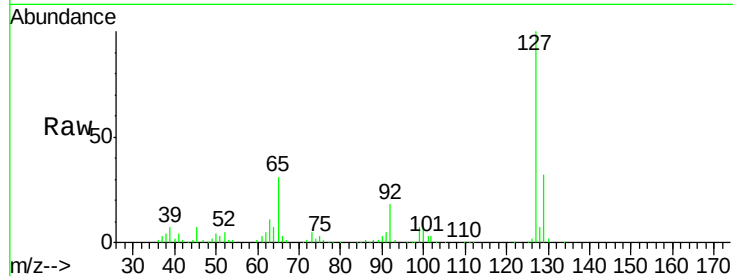
#33  
4-Chloroaniline  
Concen: 19.41 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 223514 |       |       |
| 129     | 32.1  | 26.2   | 39.4  |       |
| 65      | 31.0  | 27.4   | 41.0  |       |
| 92      | 18.3  | 15.3   | 22.9  |       |

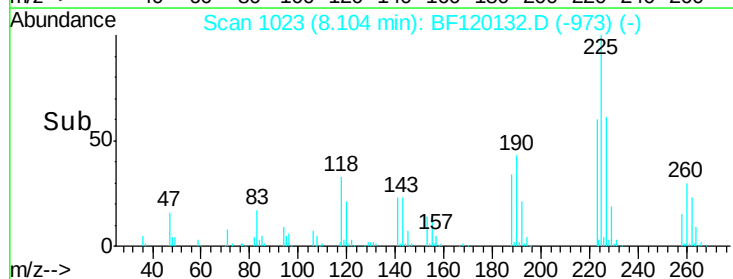
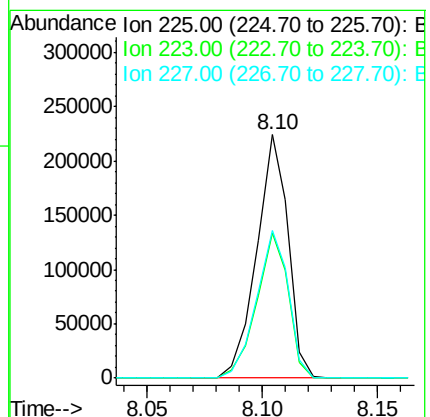
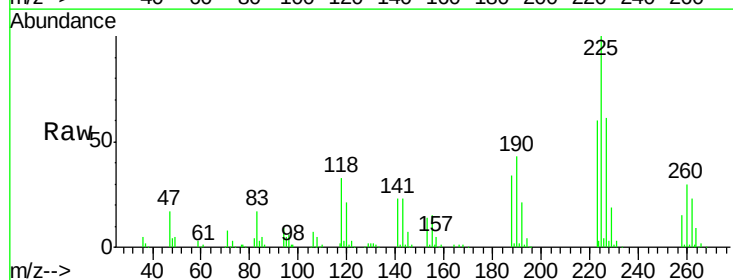
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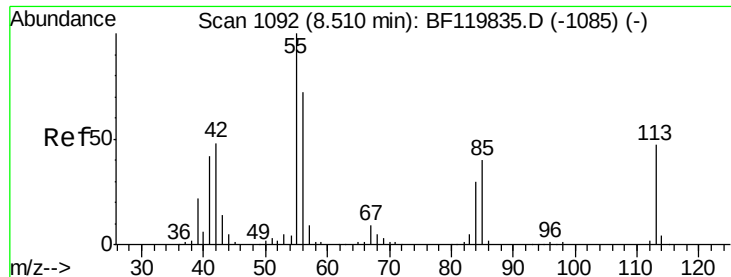
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 41.48 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 212444 |       |       |
| 223     | 59.6  | 51.0   | 76.6  |       |
| 227     | 60.8  | 50.7   | 76.1  |       |





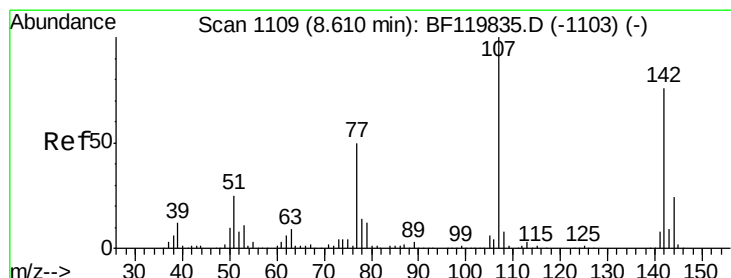
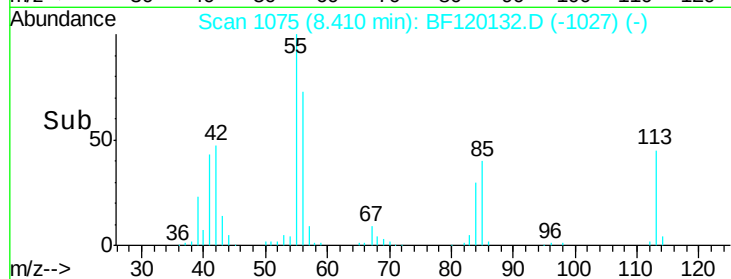
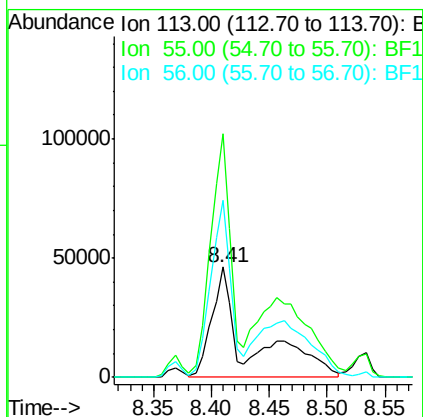
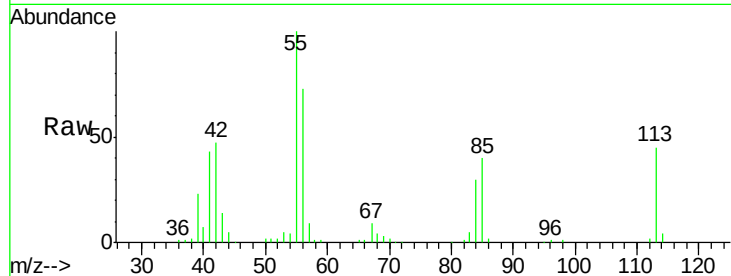
#35  
 Caprolactam  
 Concen: 44.12 ng m  
 RT: 8.41 min Scan# 1075  
 Delta R.T. -0.02 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 221.6 | 218.4 | 258.4 |
| 56      | 161.1 | 148.9 | 188.9 |

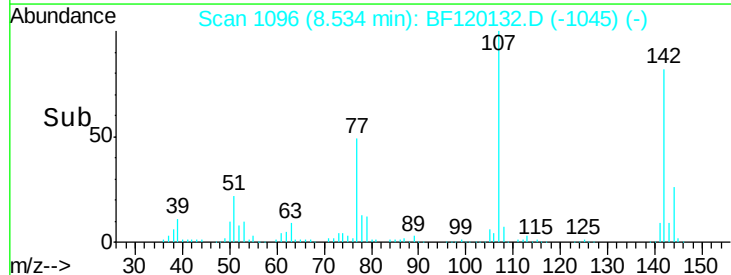
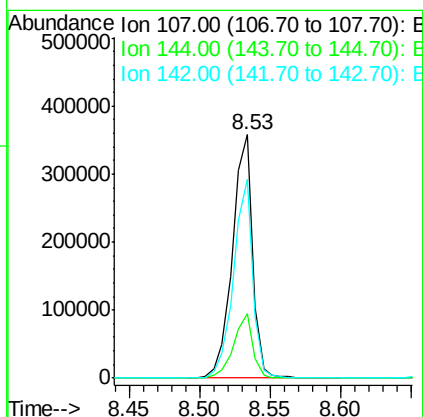
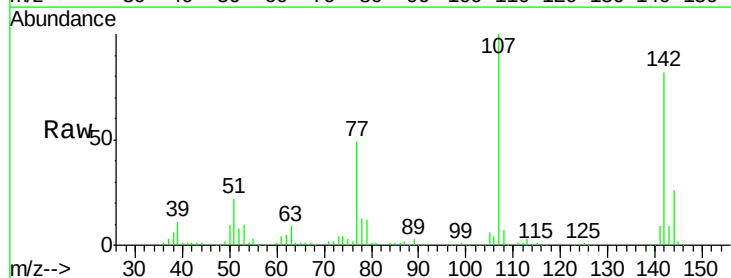
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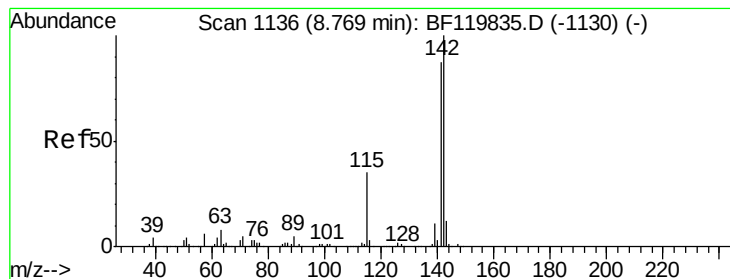
mohammad  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 43.50 ng  
 RT: 8.53 min Scan# 1096  
 Delta R.T. 0.00 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.2  | 21.0  | 31.6  |
| 142     | 81.6  | 64.4  | 96.6  |





#37

2-Methylnaphthalene

Concen: 43.04 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

Instrument :

BNA\_F

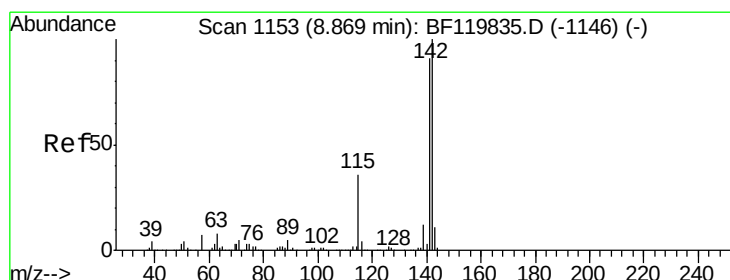
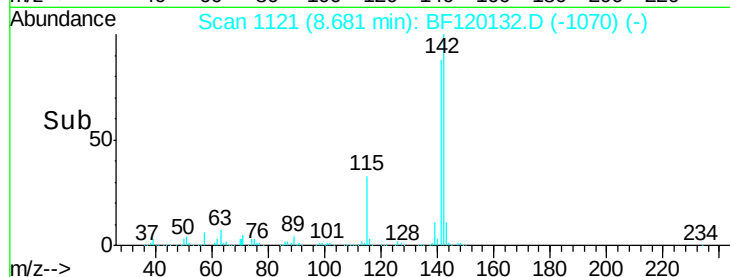
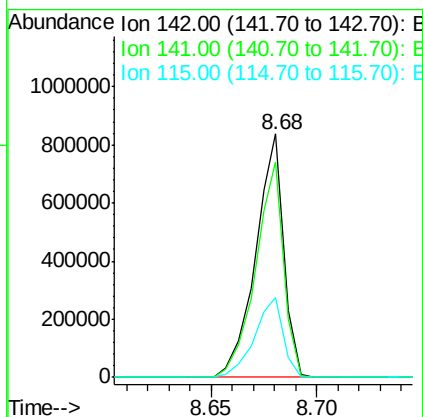
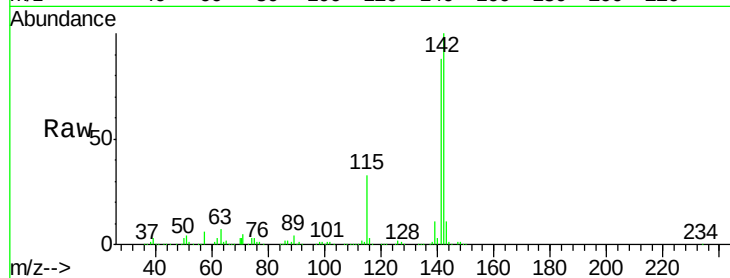
ClientSampleId :

PB128411BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 771907 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 88.4  | 71.7  | 107.5  |
| 115       | 32.6  | 27.9  | 41.9   |

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#38

1-Methylnaphthalene

Concen: 43.36 ng

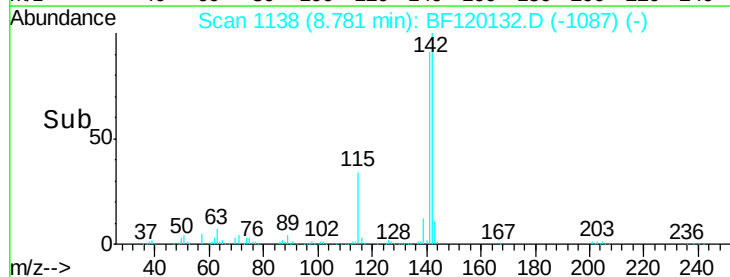
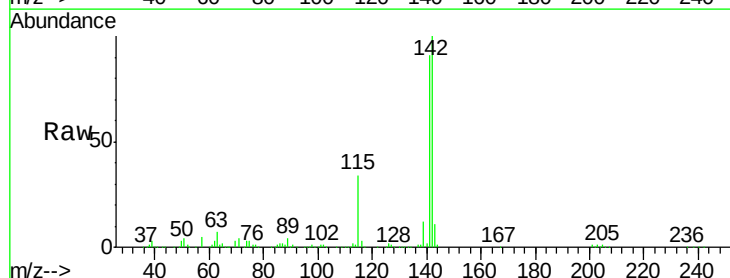
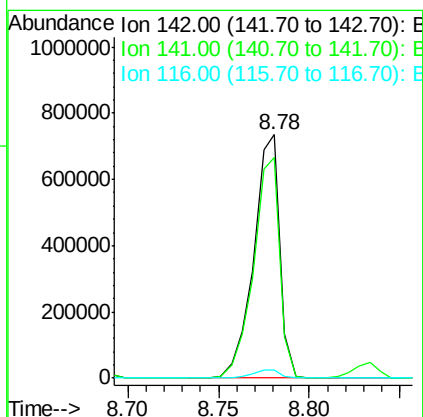
RT: 8.78 min Scan# 1138

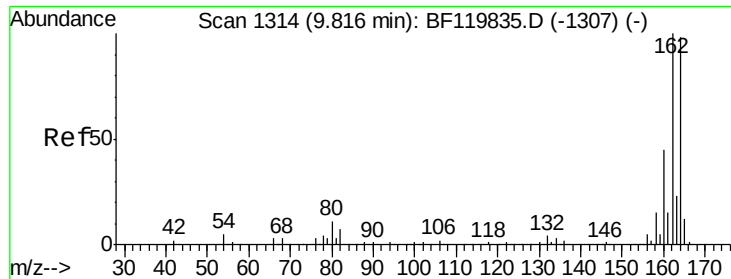
Delta R.T. 0.00 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 732979 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 90.5  | 73.7  | 110.5  |
| 116       | 3.3   | 3.0   | 4.6    |





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF120132.D

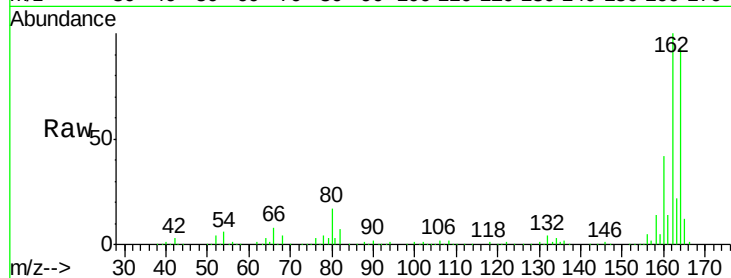
Acq: 22 Apr 2020 15:43

Instrument :

BNA\_F

ClientSampleId :

PB128411BS



Tgt Ion:164 Resp: 254669

Ion Ratio Lower Upper

164 100

162 107.8 80.6 121.0

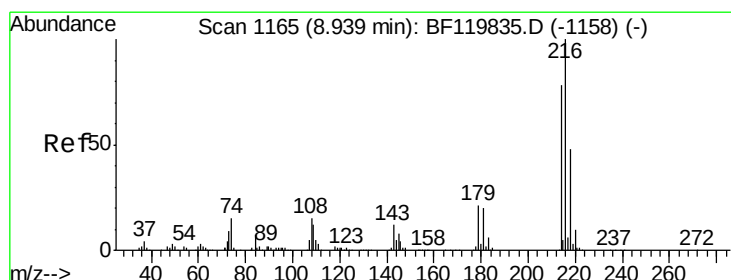
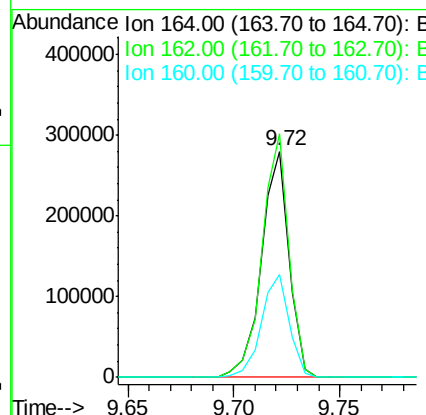
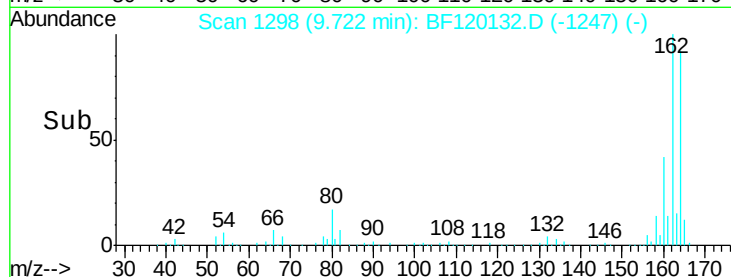
160 45.8 35.7 53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.94 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

Tgt Ion:216 Resp: 345410

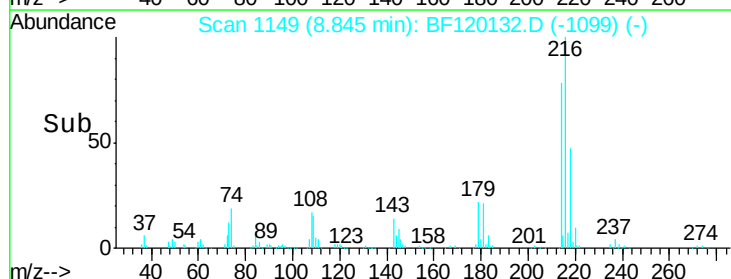
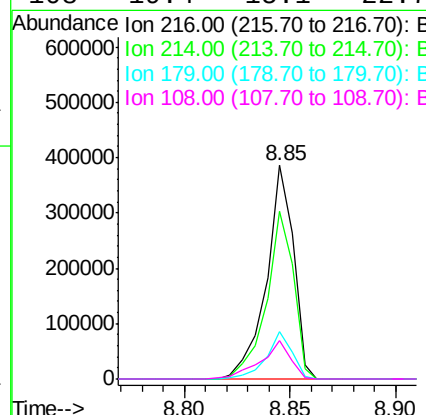
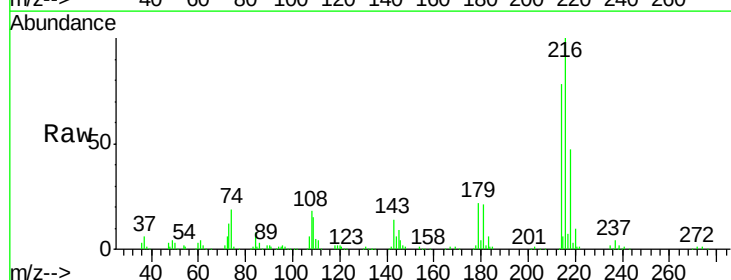
Ion Ratio Lower Upper

216 100

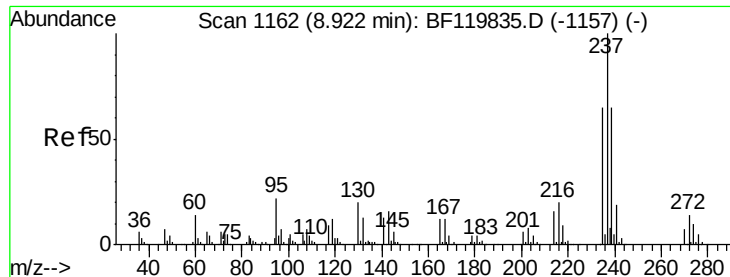
214 78.3 63.2 94.8

179 21.0 17.1 25.7

108 19.4 15.1 22.7







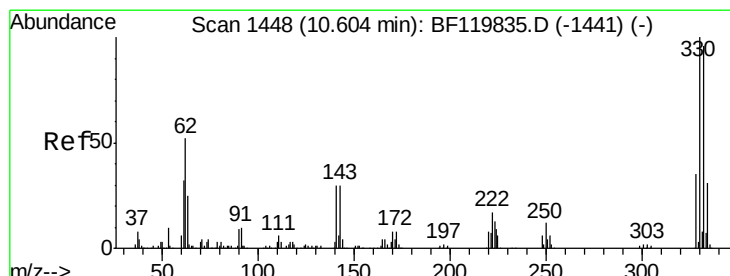
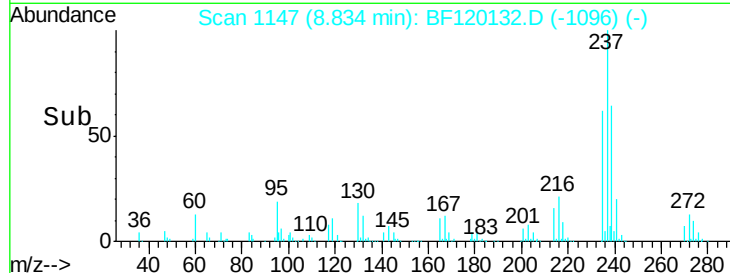
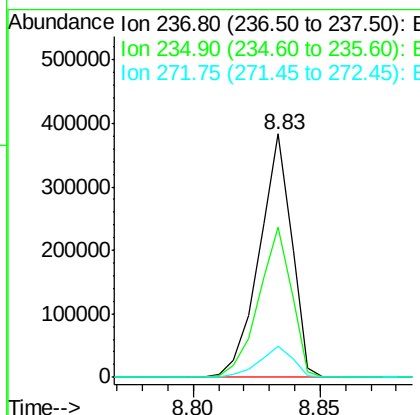
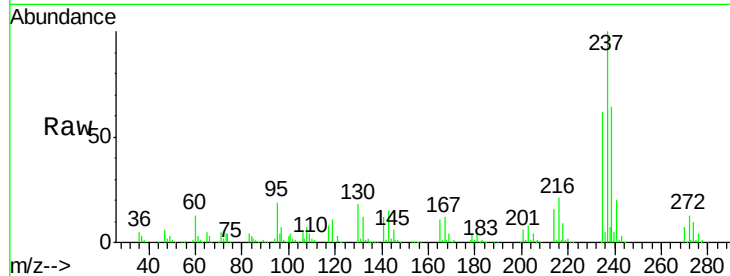
#41  
Hexachlorocyclopentadiene  
Concen: 74.66 ng  
RT: 8.83 min Scan# 1147  
Delta R.T. 0.00 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 341495 |       |       |
| 235     | 61.8  | 43.2   | 83.2  |       |
| 272     | 12.8  | 0.0    | 34.1  |       |

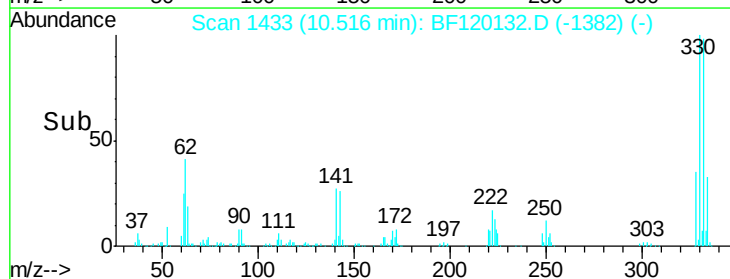
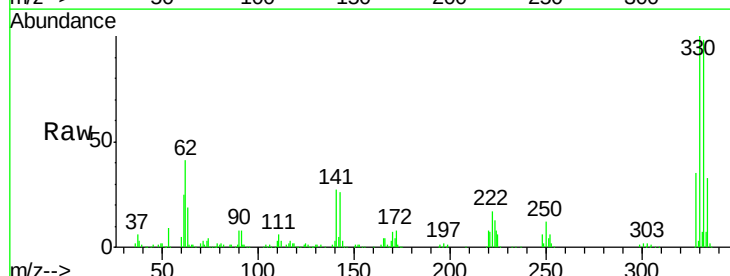
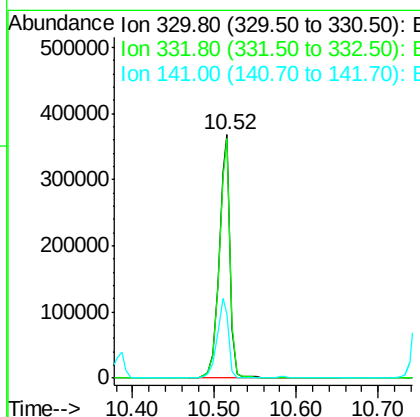
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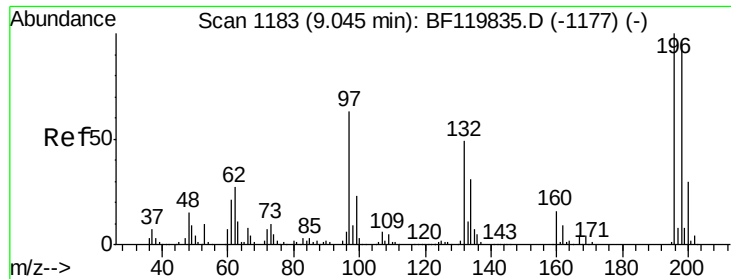
mohammad  
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#42  
2,4,6-Tribromophenol  
Concen: 109.85 ng  
RT: 10.52 min Scan# 1433  
Delta R.T. 0.00 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 342514 |       |       |
| 332     | 98.1  | 75.7   | 113.5 |       |
| 141     | 34.0  | 25.4   | 38.0  |       |





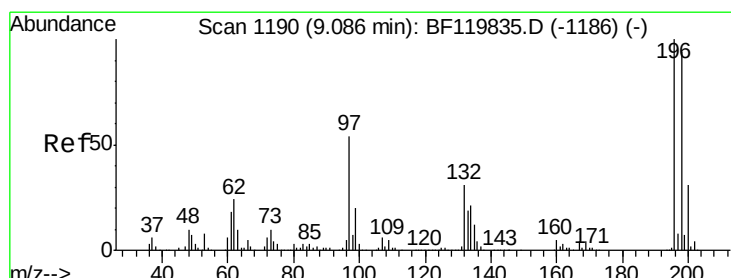
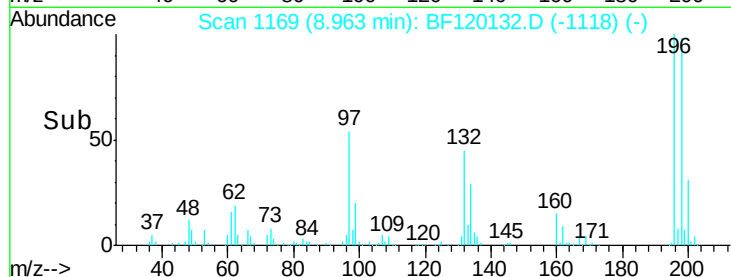
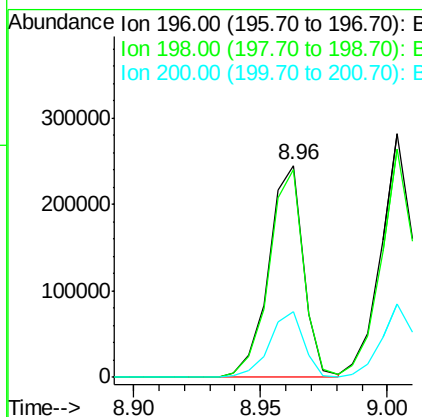
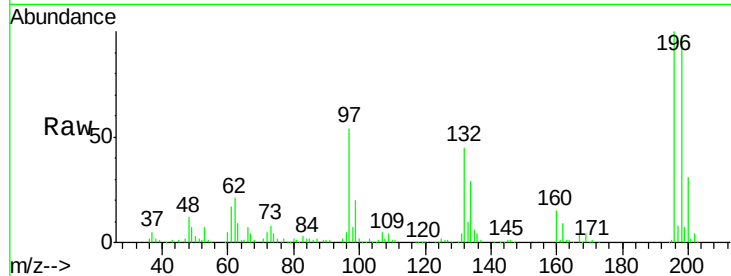
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.06 ng  
 RT: 8.96 min Scan# 1169  
 Delta R.T. 0.00 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 233621 |       |       |
| 198     | 98.2  | 76.6   | 115.0 |       |
| 200     | 31.2  | 24.6   | 36.8  |       |

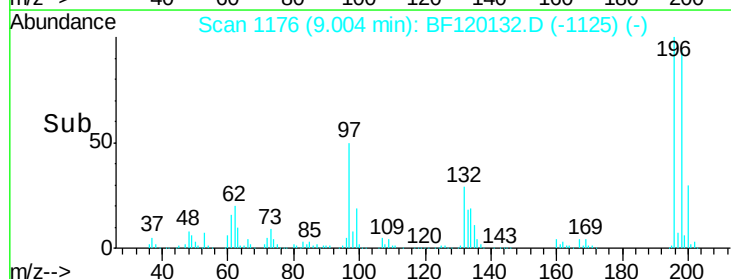
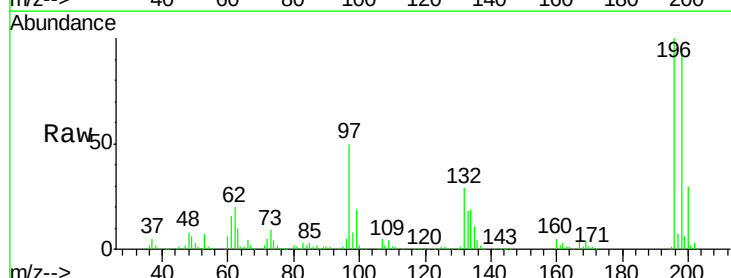
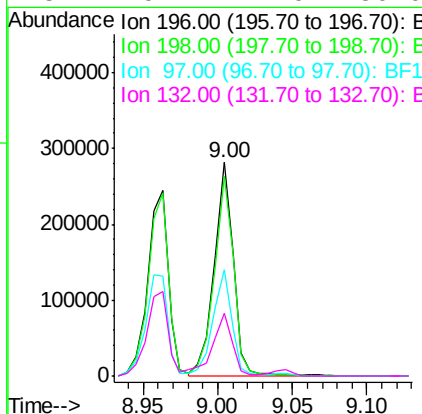
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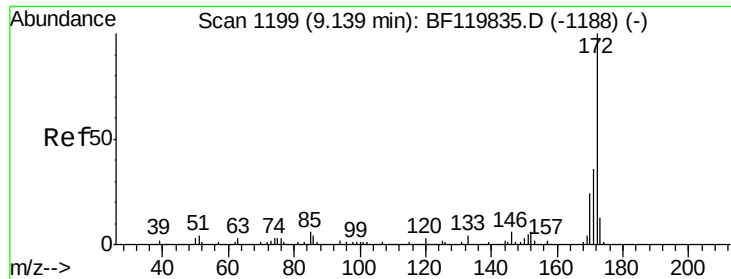
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#44  
 2,4,5-Trichlorophenol  
 Concen: 40.24 ng  
 RT: 9.00 min Scan# 1176  
 Delta R.T. 0.00 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 251740 |       |       |
| 198     | 93.5  | 73.8   | 110.8 |       |
| 97      | 49.8  | 42.6   | 63.8  |       |
| 132     | 29.1  | 24.0   | 36.0  |       |





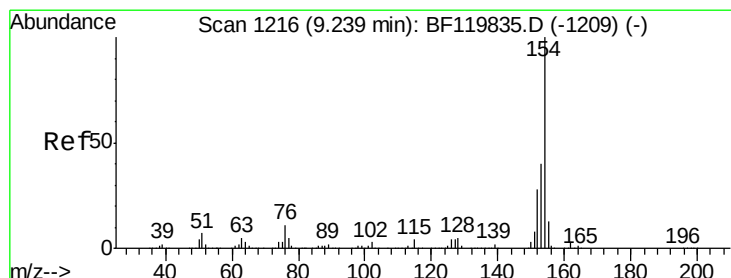
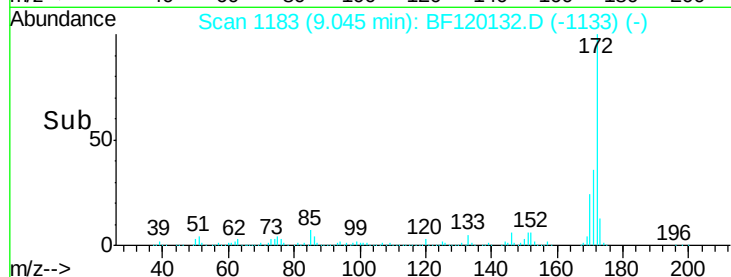
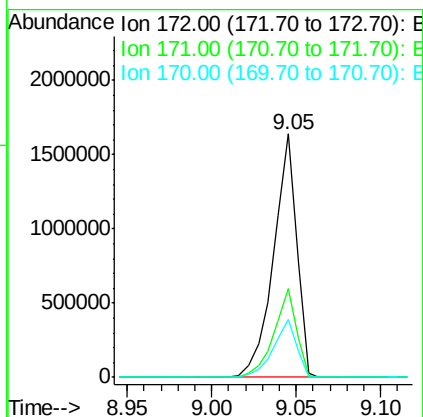
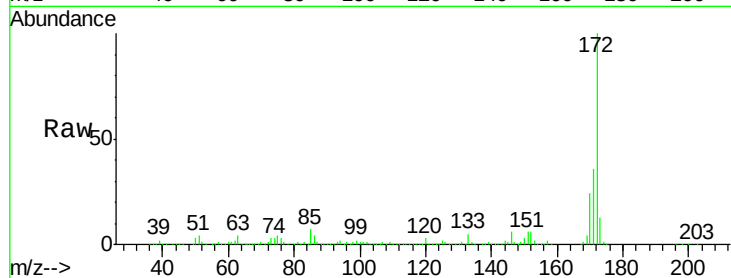
#45  
2-Fluorobiphenyl  
Concen: 85.69 ng  
RT: 9.05 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

Tgt Ion:172 Resp: 1537101  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.6 44.4  
170 24.1 20.2 30.2

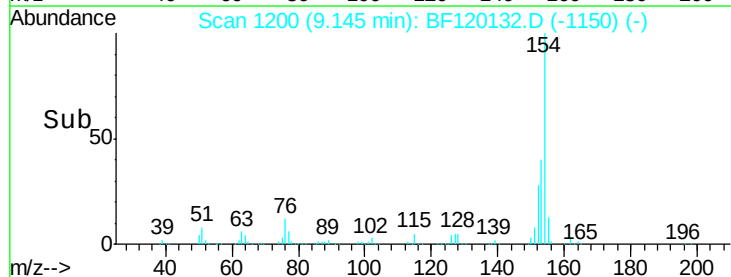
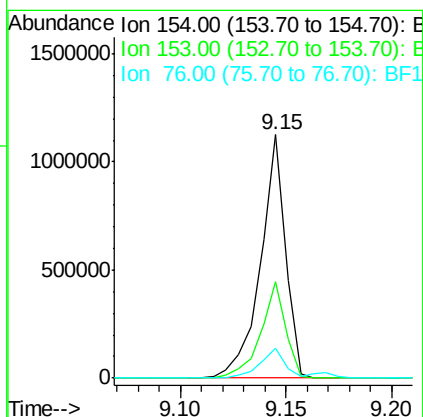
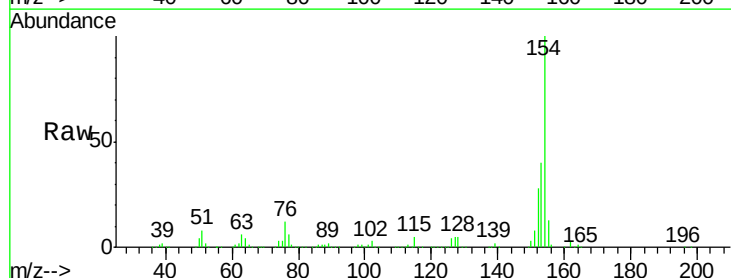
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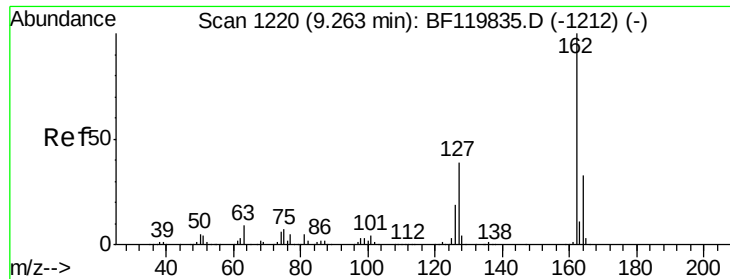
mohammad  
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#46  
1,1'-Biphenyl  
Concen: 43.16 ng  
RT: 9.15 min Scan# 1200  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Tgt Ion:154 Resp: 927808  
Ion Ratio Lower Upper  
154 100  
153 39.5 21.4 61.4  
76 12.5 0.0 33.0





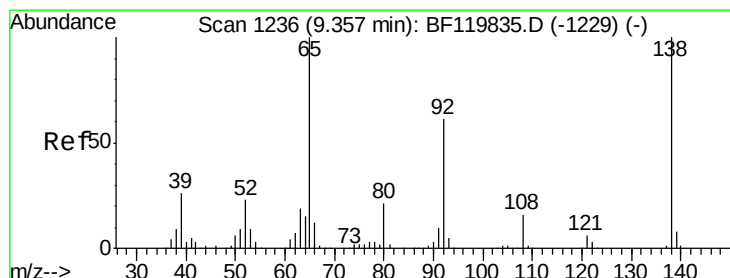
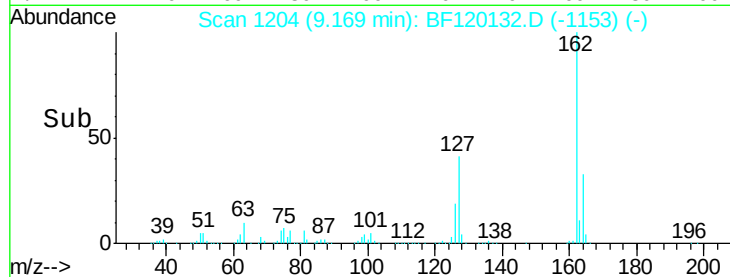
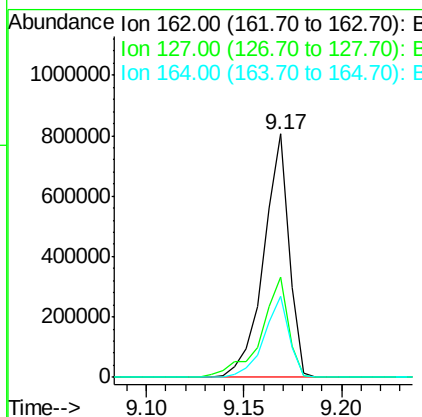
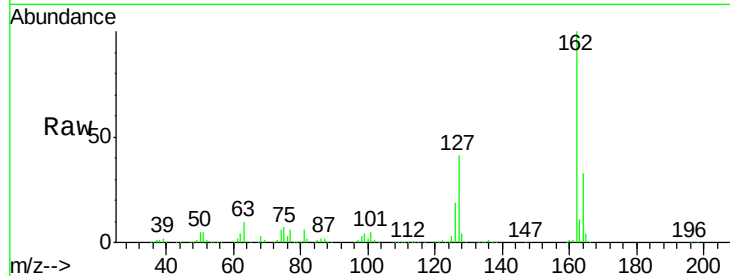
#47  
 2-Chloronaphthalene  
 Concen: 43.67 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. 0.00 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB128411BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 723186 |       |       |
| 127     | 41.2  | 33.7   | 50.5  |       |
| 164     | 33.4  | 26.3   | 39.5  |       |

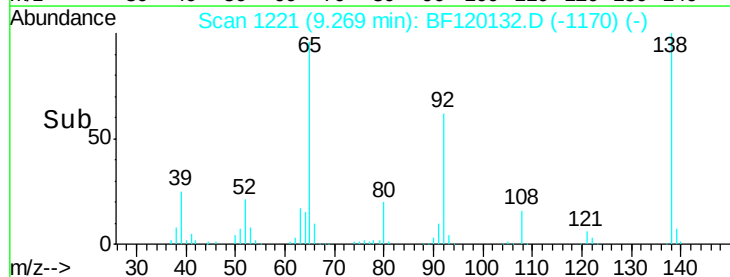
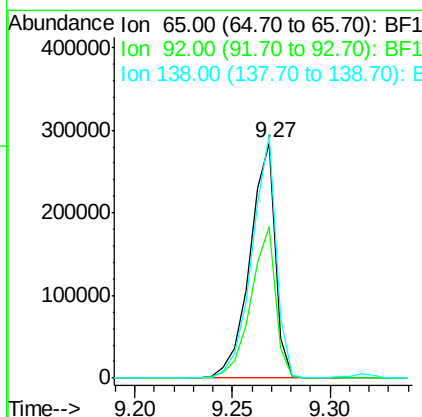
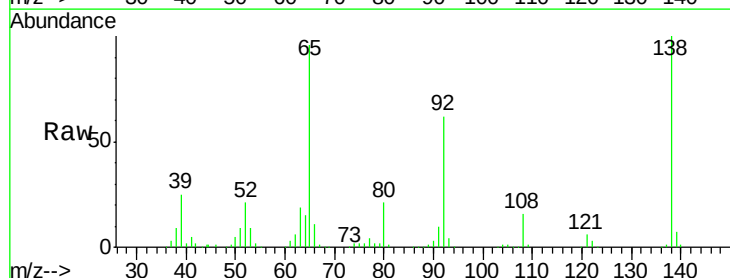
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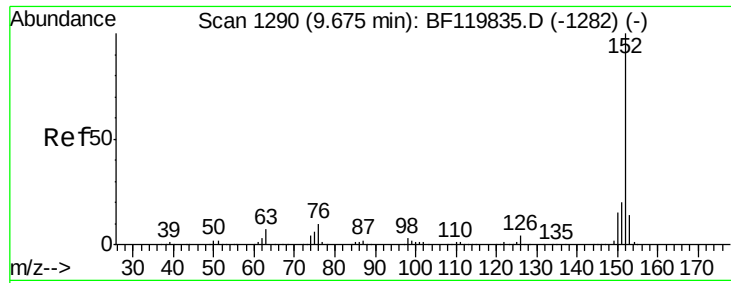
mohammad  
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#48  
 2-Nitroaniline  
 Concen: 42.58 ng  
 RT: 9.27 min Scan# 1221  
 Delta R.T. 0.00 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 255535 |       |       |
| 92      | 64.5  | 50.0   | 75.0  |       |
| 138     | 103.7 | 75.0   | 112.4 |       |





#49

Acenaphthylene

Concen: 45.62 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

Instrument :

BNA\_F

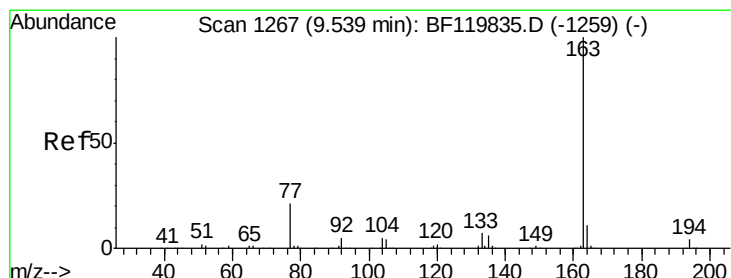
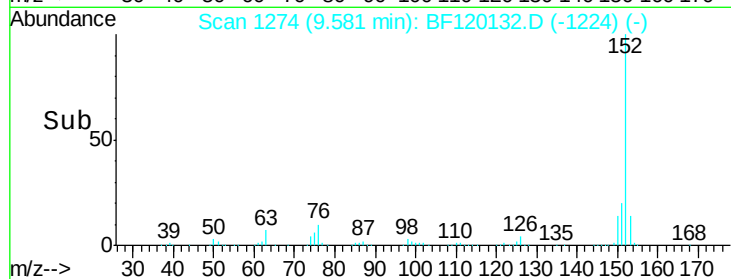
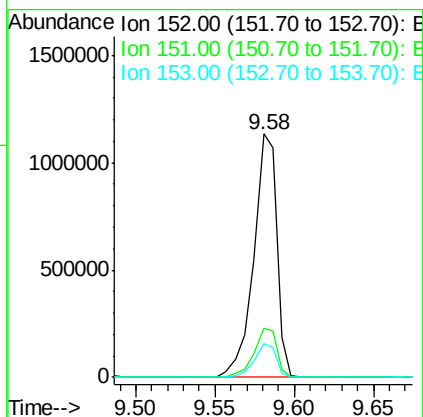
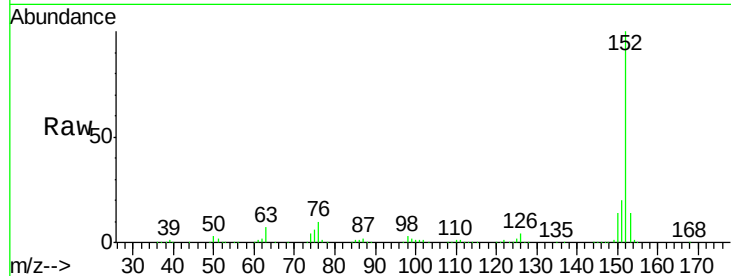
ClientSampleId :

PB128411BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 152   | Resp: | 1148976 |
| Ion      | Ratio | Lower | Upper   |
| 152      | 100   |       |         |
| 151      | 20.4  | 17.2  | 25.8    |
| 153      | 13.6  | 11.2  | 16.8    |

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#50

Dimethylphthalate

Concen: 42.32 ng

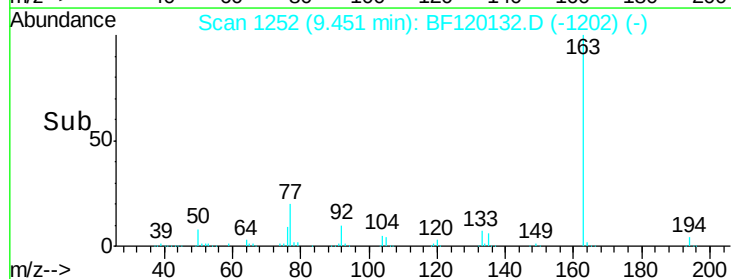
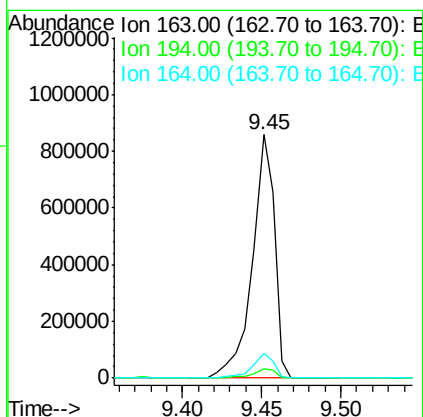
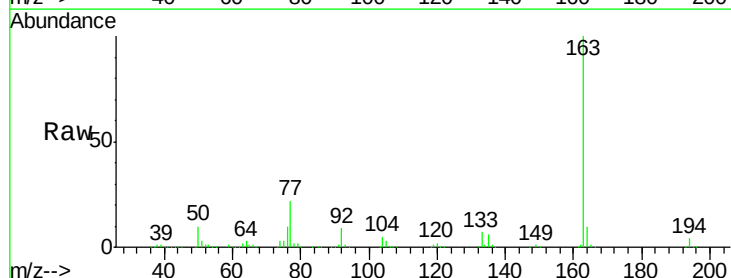
RT: 9.45 min Scan# 1252

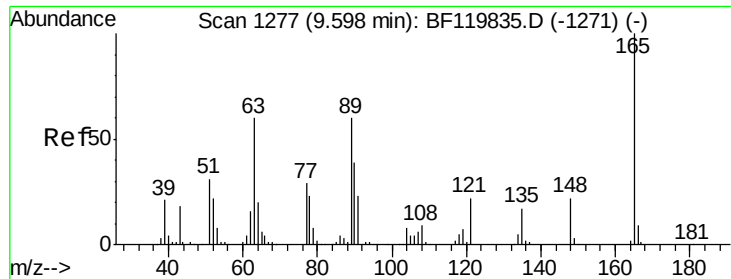
Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 163   | Resp: | 833711 |
| Ion      | Ratio | Lower | Upper  |
| 163      | 100   |       |        |
| 194      | 3.7   | 3.1   | 4.7    |
| 164      | 10.0  | 8.2   | 12.2   |





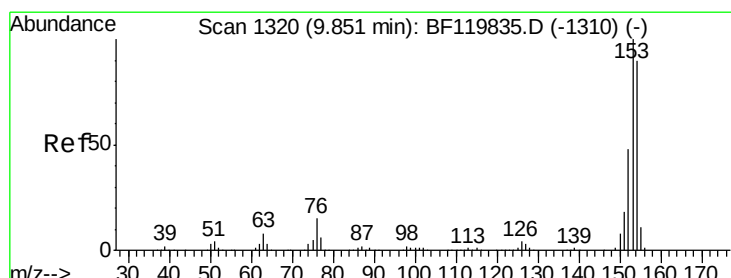
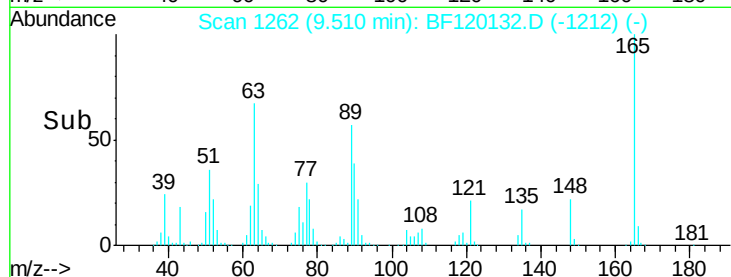
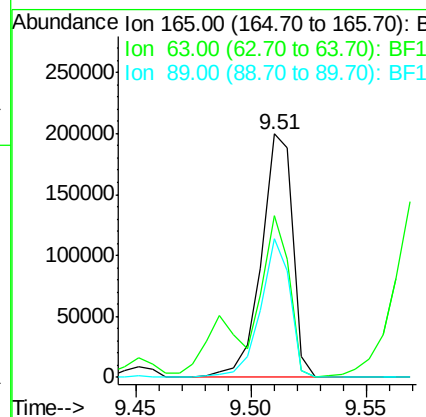
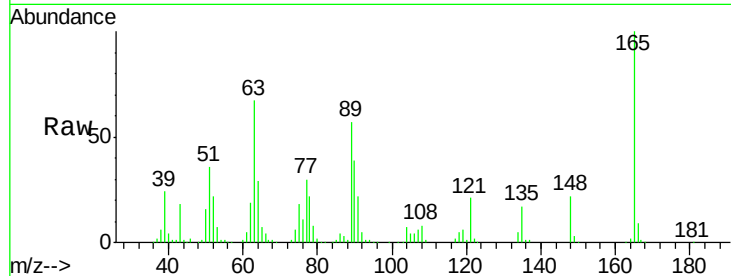
#51  
2,6-Dinitrotoluene  
Concen: 43.89 ng  
RT: 9.51 min Scan# 1262  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 66.6  | 45.0       | 67.4       |
| 89      | 57.0  | 41.5       | 62.3       |

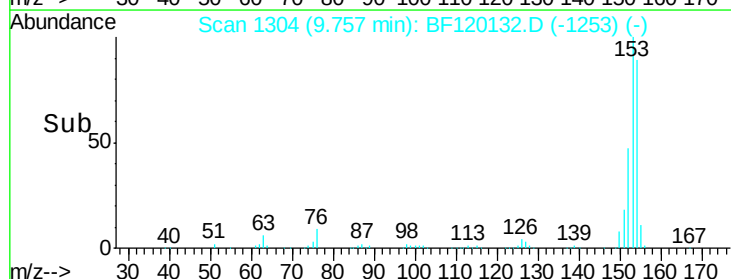
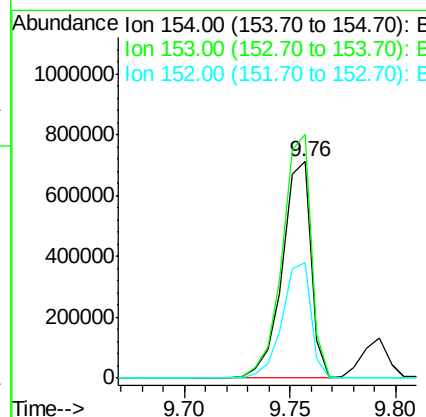
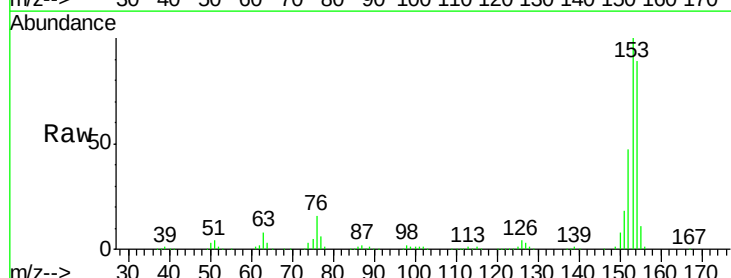
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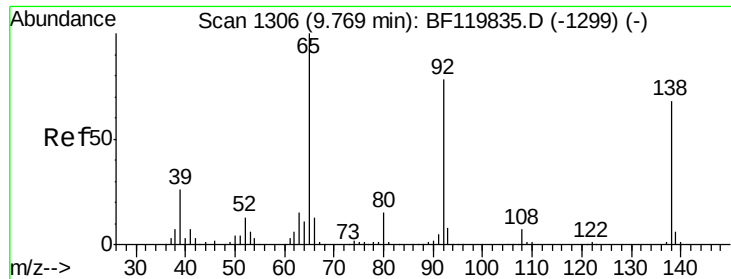
mohammad  
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#52  
Acenaphthene  
Concen: 40.48 ng  
RT: 9.76 min Scan# 1304  
Delta R.T. 0.00 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 112.6 | 88.1       | 132.1      |
| 152     | 53.3  | 43.0       | 64.4       |





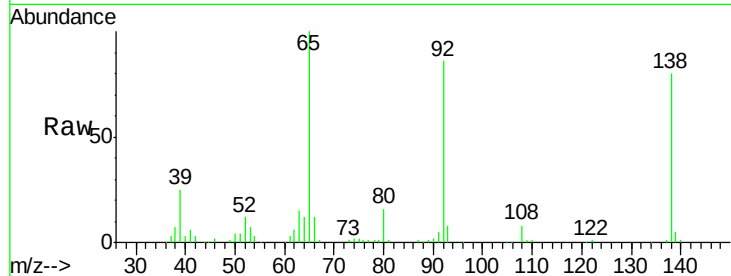
#53  
 3-Nitroaniline  
 Concen: 25.90 ng  
 RT: 9.68 min Scan# 1291  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

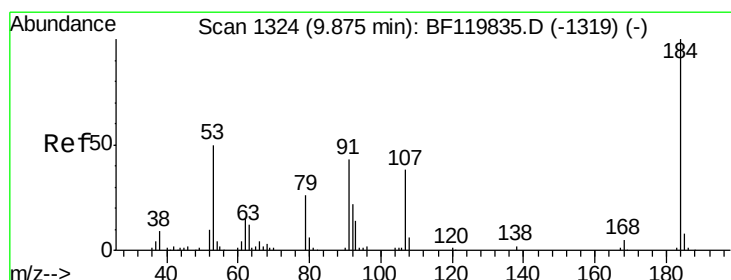
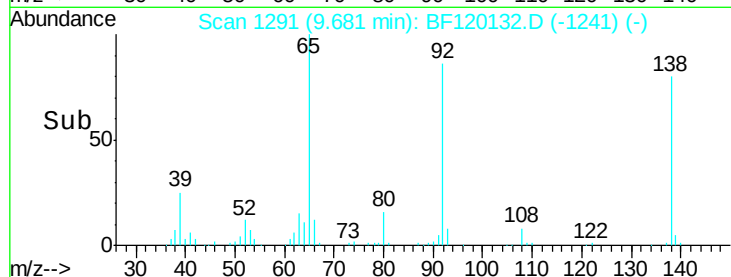
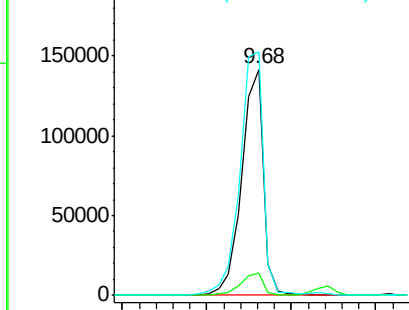
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 127584 |       |       |
| 108     | 9.6   | 8.6    | 13.0  |       |
| 92      | 107.7 | 95.4   | 143.0 |       |

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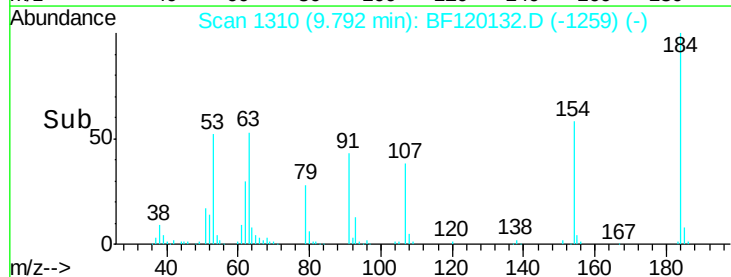
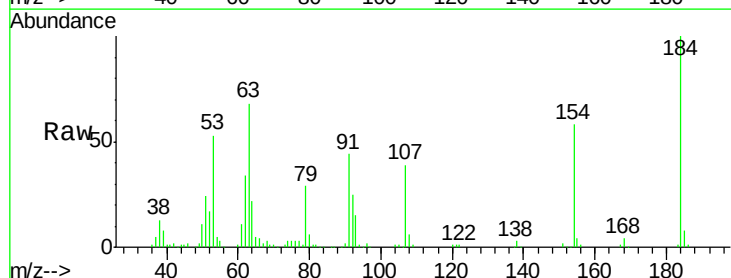
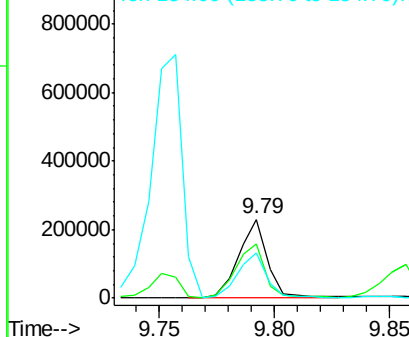
Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BF1

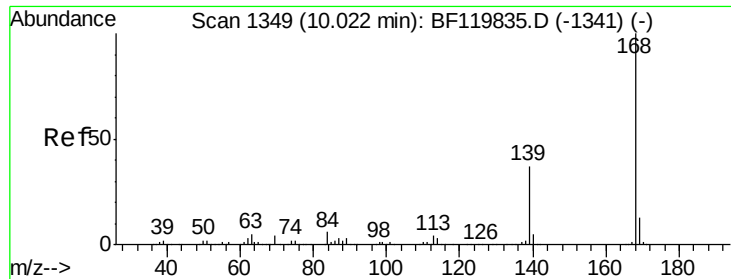


#54  
 2,4-Dinitrophenol  
 Concen: 77.54 ng  
 RT: 9.79 min Scan# 1310  
 Delta R.T. 0.00 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 200249 |       |       |
| 63      | 67.9  | 50.2   | 75.4  |       |
| 154     | 57.9  | 44.5   | 66.7  |       |

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





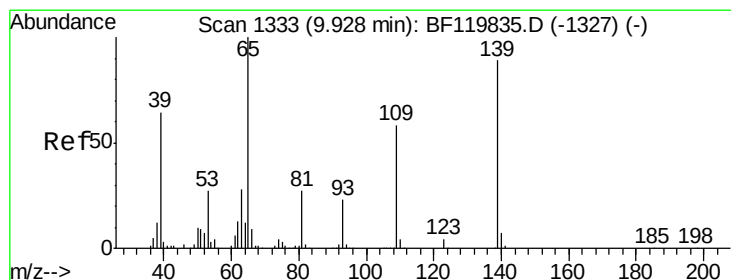
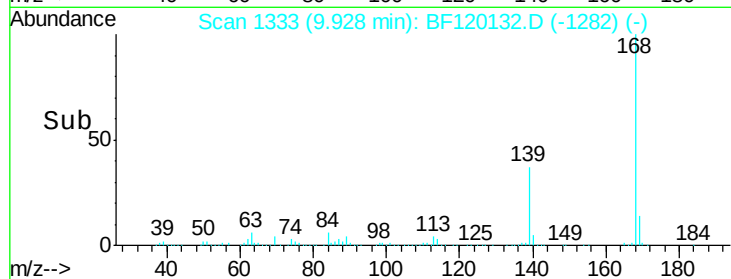
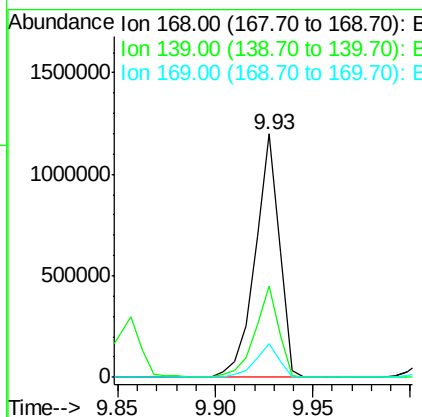
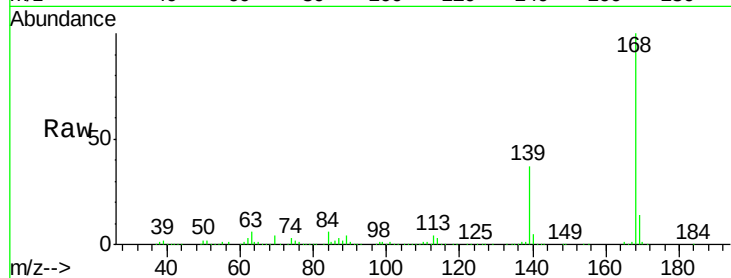
#55  
Dibenzofuran  
Concen: 44.41 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

Tgt Ion:168 Resp: 1023780  
Ion Ratio Lower Upper  
168 100  
139 37.3 30.1 45.1  
169 13.9 11.0 16.6

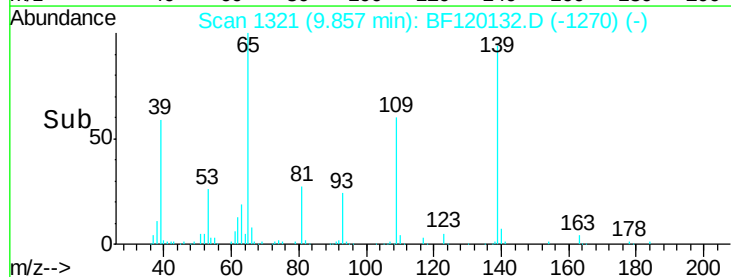
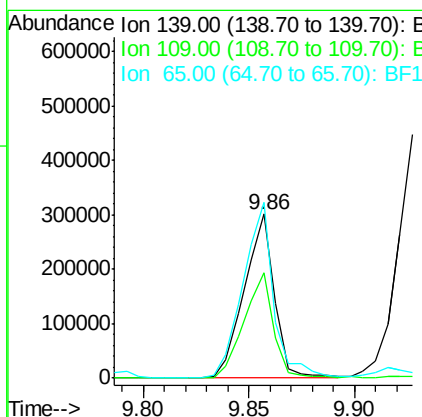
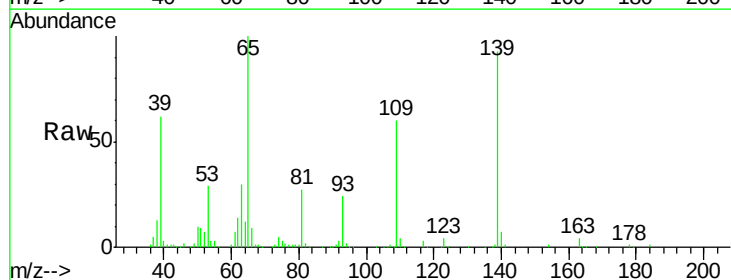
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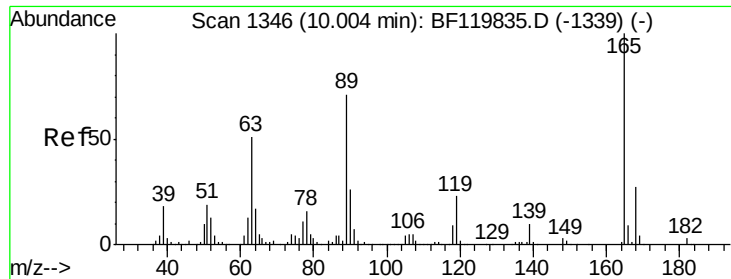


#56  
4-Nitrophenol  
Concen: 81.52 ng  
RT: 9.86 min Scan# 1321  
Delta R.T. 0.00 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Tgt Ion:139 Resp: 298826  
Ion Ratio Lower Upper  
139 100  
109 64.2 43.3 83.3  
65 107.2 91.0 131.0







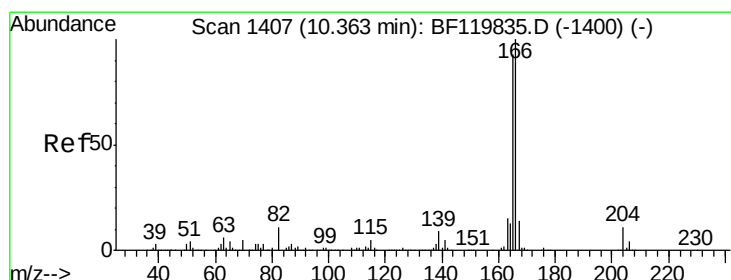
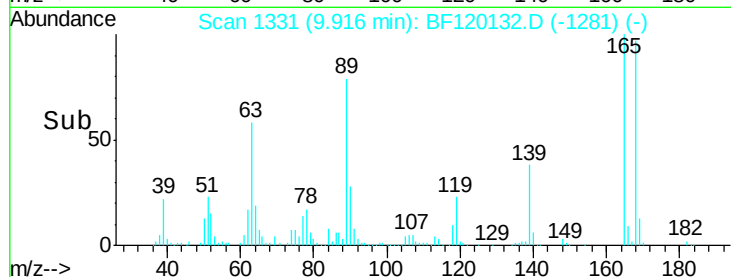
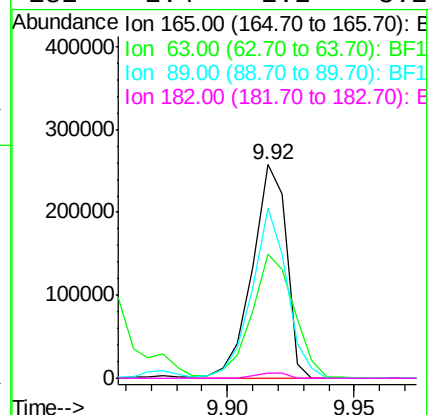
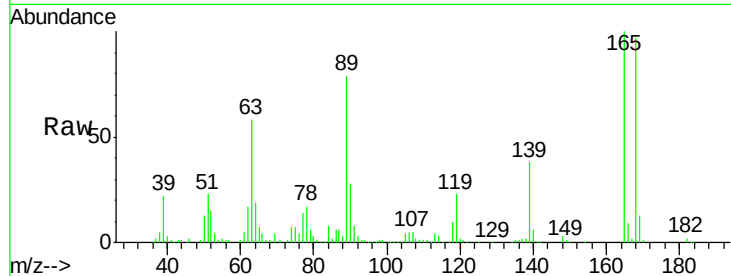
#57  
2,4-Dinitrotoluene  
Concen: 42.70 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 242647 |       |       |
| 63      | 57.9  | 42.6   | 64.0  |       |
| 89      | 79.4  | 61.0   | 91.4  |       |
| 182     | 2.4   | 2.2    | 3.2   |       |

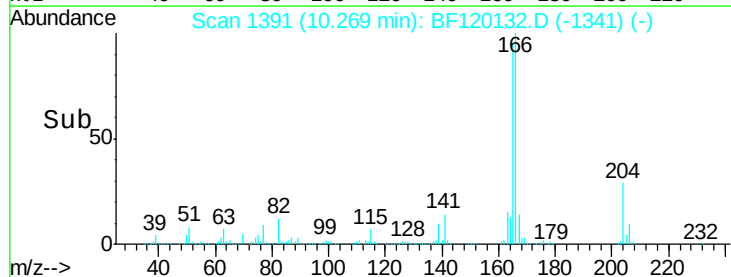
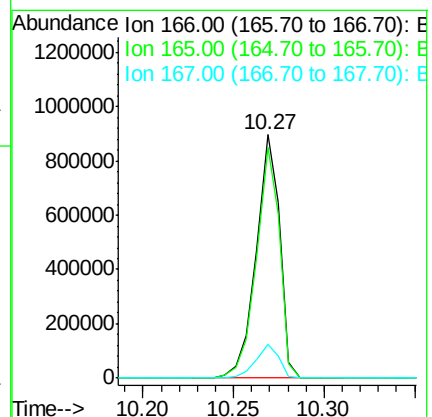
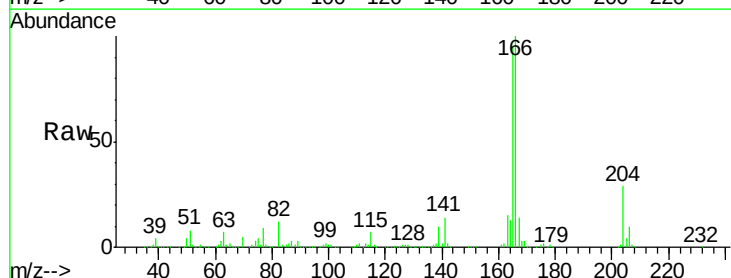
Manual Integrations  
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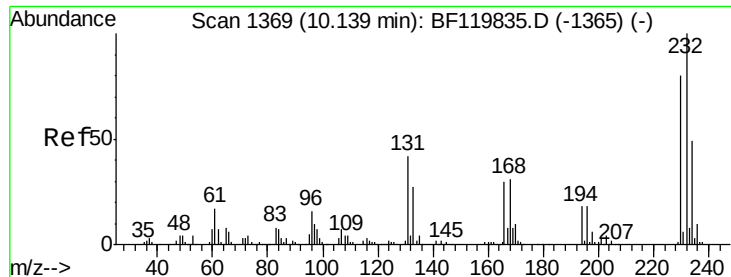
mohammad  
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#58  
Fluorene  
Concen: 43.89 ng  
RT: 10.27 min Scan# 1391  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 809129 |       |       |
| 165     | 94.6  | 75.4   | 113.2 |       |
| 167     | 13.6  | 11.2   | 16.8  |       |





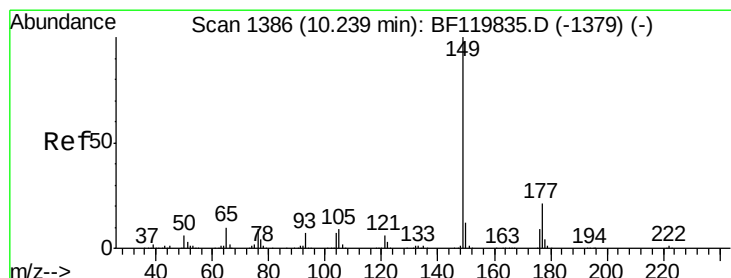
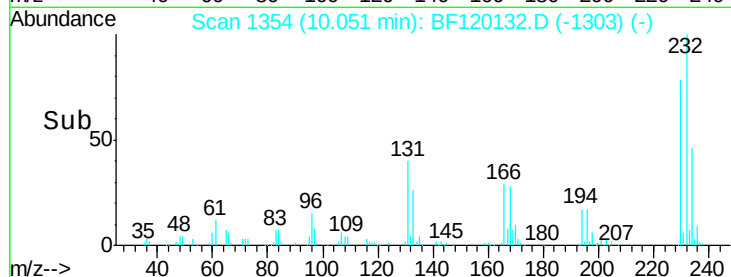
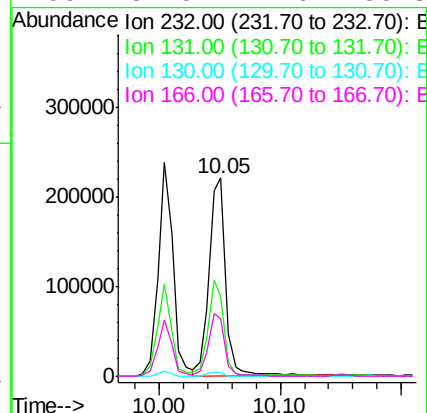
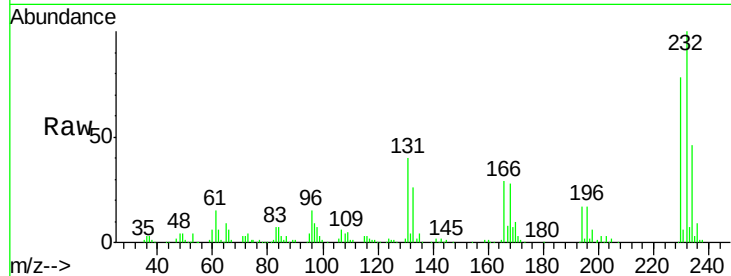
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.12 ng  
 RT: 10.05 min Scan# 1354  
 Delta R.T. 0.00 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 211117 |       |       |
| 131     | 45.5  | 37.5   | 56.3  |       |
| 130     | 2.1   | 1.8    | 2.6   |       |
| 166     | 31.0  | 24.6   | 36.8  |       |

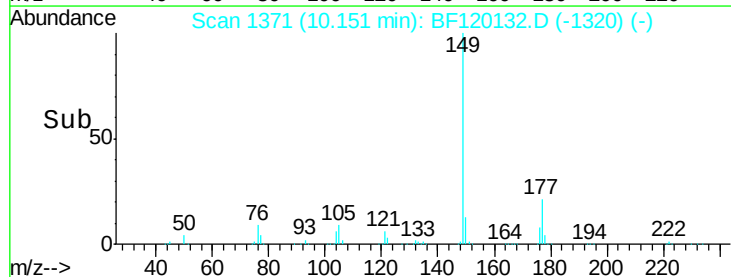
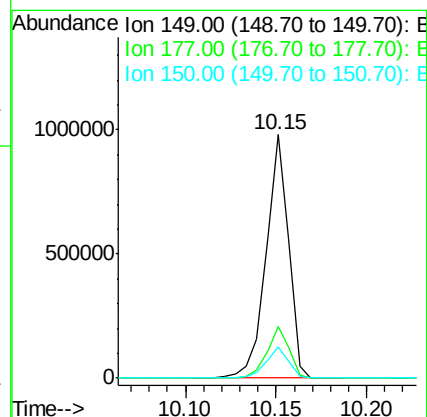
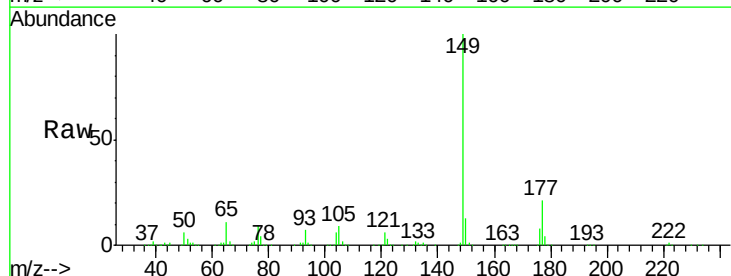
Manual Integrations  
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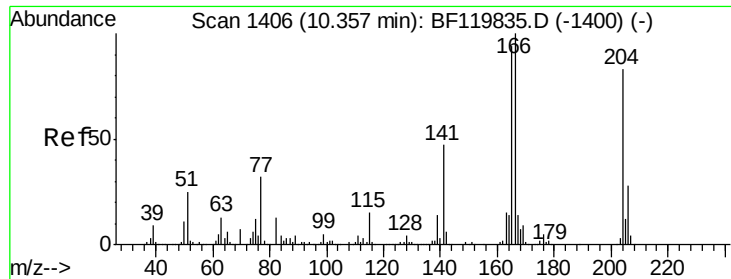
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#60  
 Diethylphthalate  
 Concen: 41.47 ng  
 RT: 10.15 min Scan# 1371  
 Delta R.T. 0.00 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 846736 |       |       |
| 177     | 21.0  | 17.0   | 25.6  |       |
| 150     | 12.6  | 10.1   | 15.1  |       |





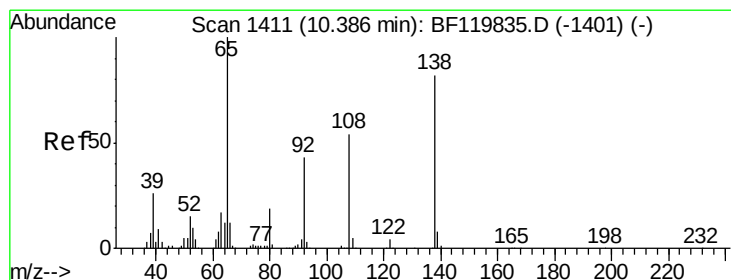
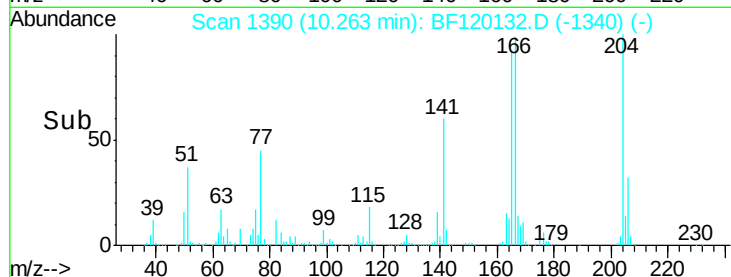
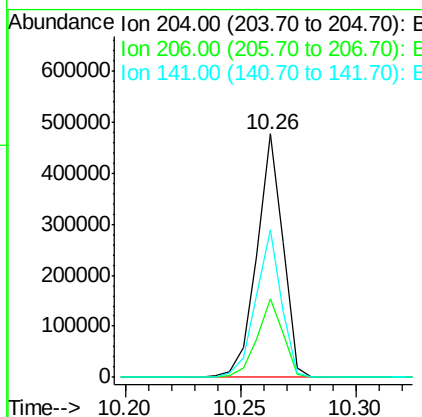
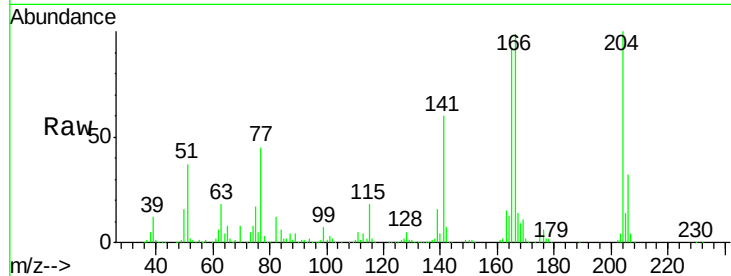
#61  
4-Chlorophenyl-phenylether  
Concen: 39.95 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.0  | 26.7  | 40.1  |
| 141     | 60.5  | 47.3  | 70.9  |

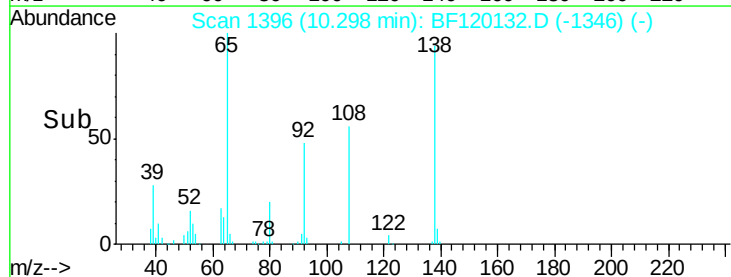
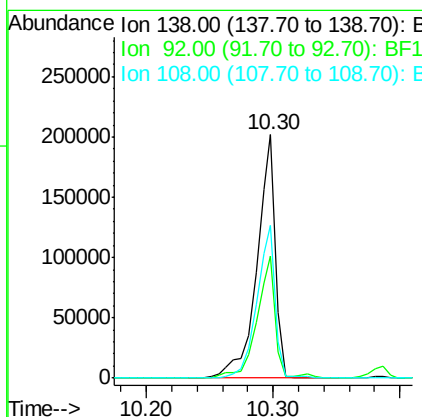
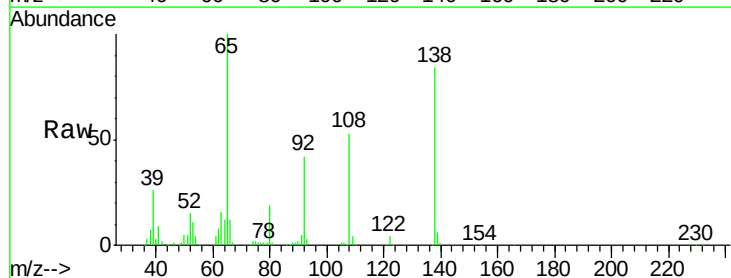
Manual Integrations  
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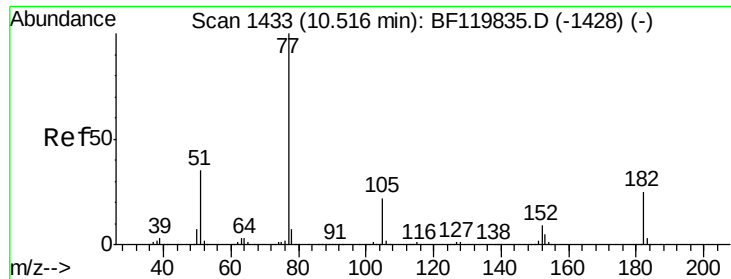
mohammad  
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#62  
4-Nitroaniline  
Concen: 43.94 ng  
RT: 10.30 min Scan# 1396  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.3  | 31.5  | 71.5  |
| 108     | 62.9  | 45.8  | 85.8  |





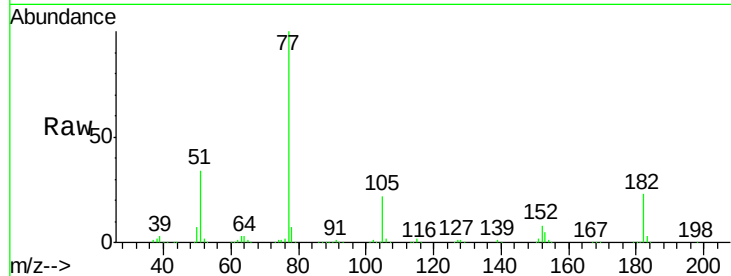
#63  
Azobenzene  
Concen: 44.53 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

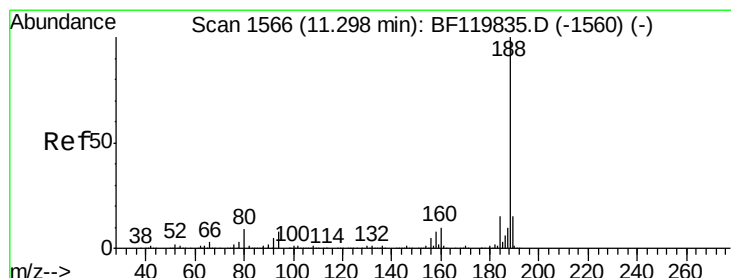
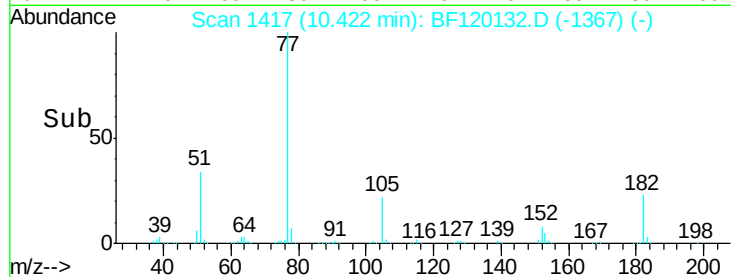
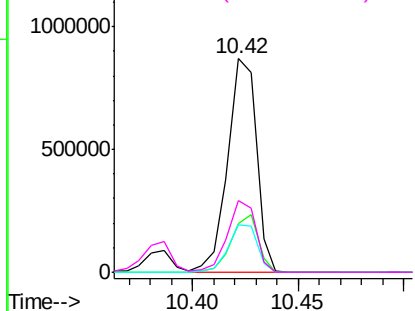
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 814797 |       |       |
| 182     | 22.7  | 4.4    | 44.4  |       |
| 105     | 22.2  | 2.6    | 42.6  |       |
| 51      | 33.7  | 15.1   | 55.1  |       |

Manual Integrations  
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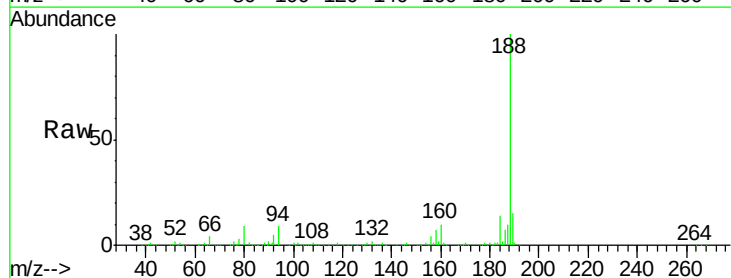


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

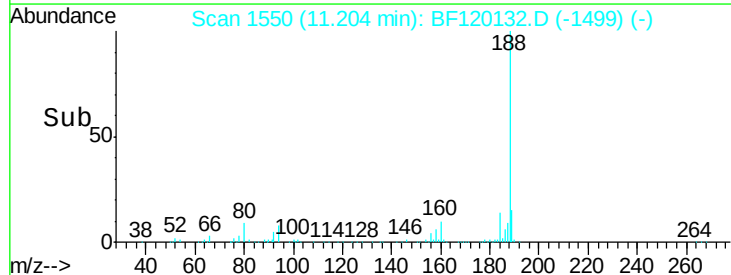
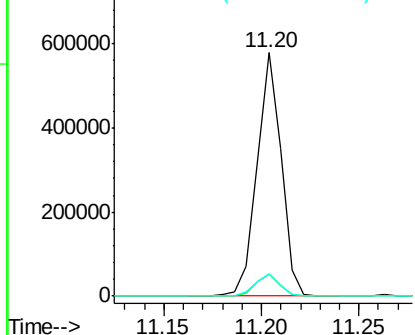


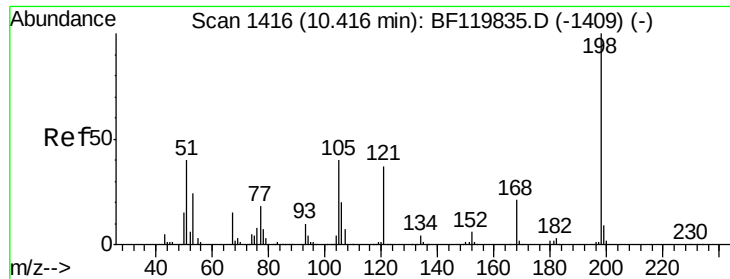
#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.20 min Scan# 1550  
Delta R.T. 0.00 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 496515 |       |       |
| 94      | 8.9   | 7.5    | 11.3  |       |
| 80      | 9.3   | 9.0    | 13.4  |       |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





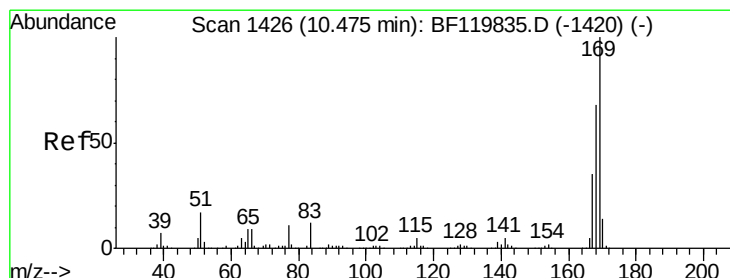
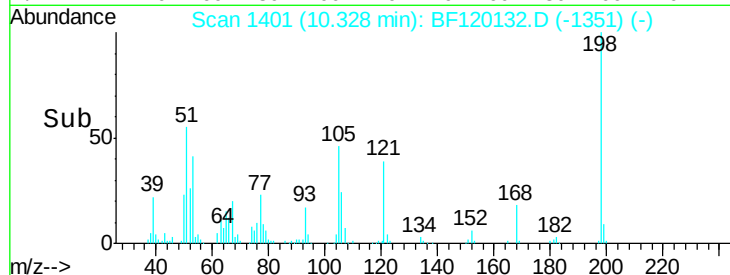
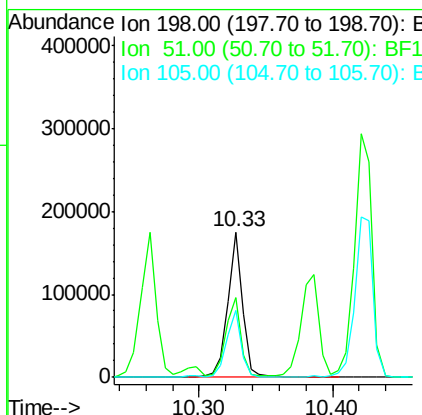
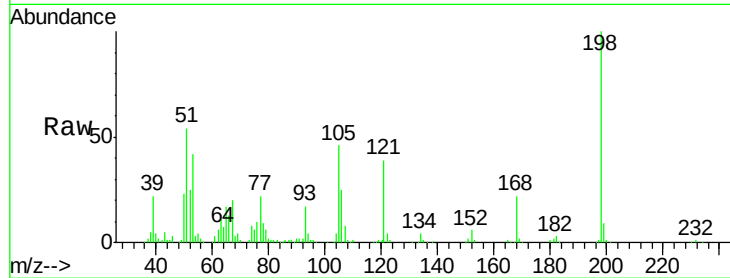
#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.57 ng  
RT: 10.33 min Scan# 1401  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 139254 |       |       |
| 51      | 54.4  | 29.0   | 69.0  |       |
| 105     | 45.7  | 22.2   | 62.2  |       |

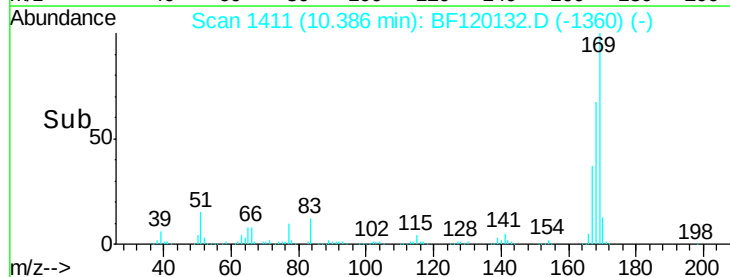
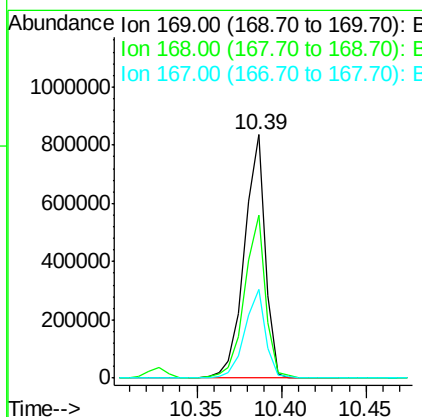
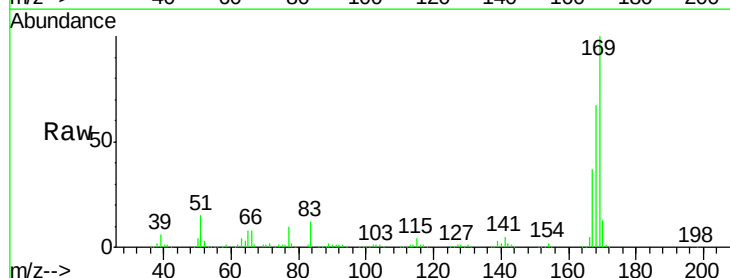
Manual Integrations  
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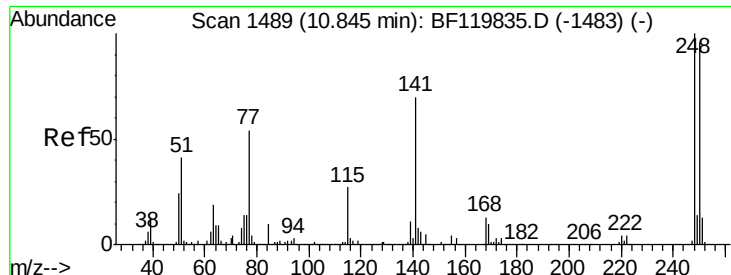
mohammad  
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#66  
n-Nitrosodiphenylamine  
Concen: 43.89 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. 0.00 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 724714 |       |       |
| 168     | 66.8  | 53.2   | 79.8  |       |
| 167     | 36.6  | 29.1   | 43.7  |       |





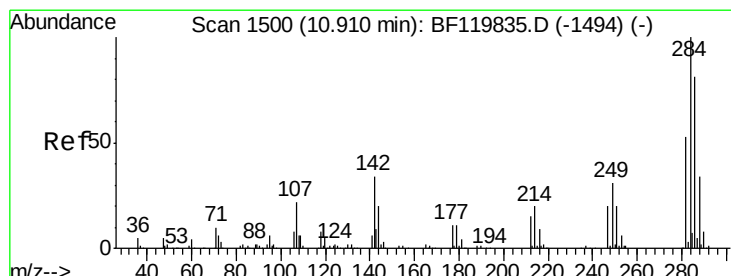
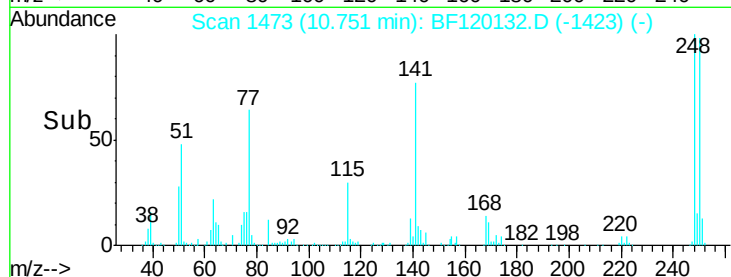
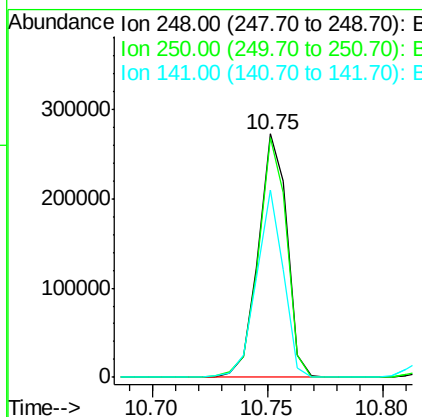
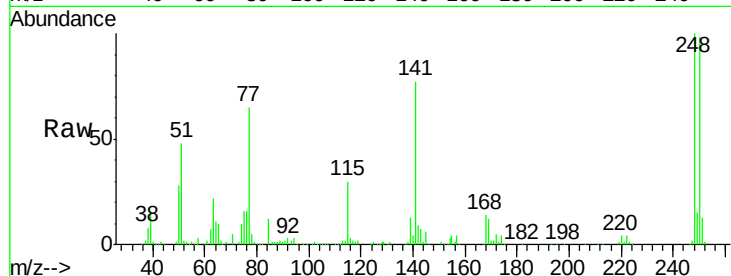
#67  
 4-Bromophenyl-phenylether  
 Concen: 38.39 ng  
 RT: 10.75 min Scan# 1473  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 237024 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.4  | 77.3  | 115.9  |
| 141       | 76.8  | 58.6  | 87.8   |

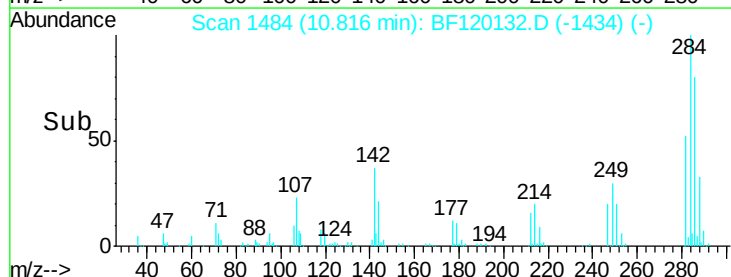
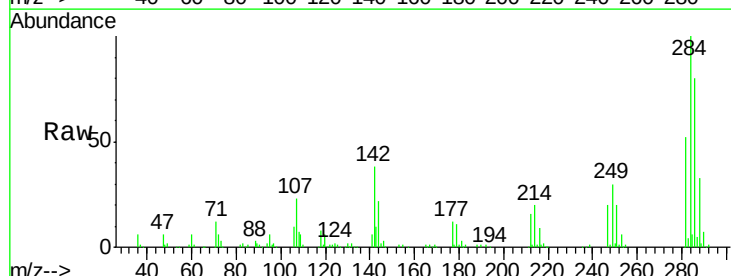
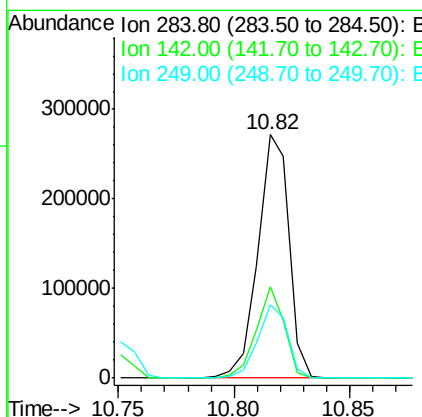
Manual Integrations  
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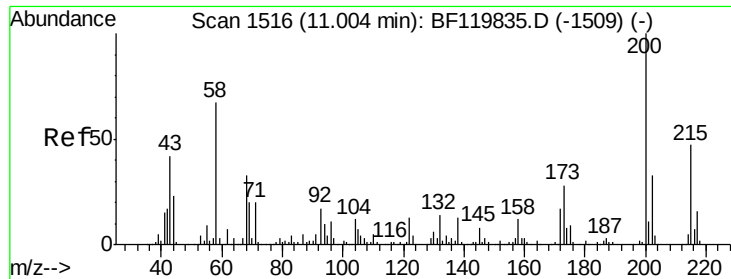
mohammad  
 4/24/2020 4:17:56 AM



#68  
 Hexachlorobenzene  
 Concen: 40.72 ng  
 RT: 10.82 min Scan# 1484  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 255053 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 37.6  | 29.2  | 43.8   |
| 249       | 29.9  | 25.1  | 37.7   |





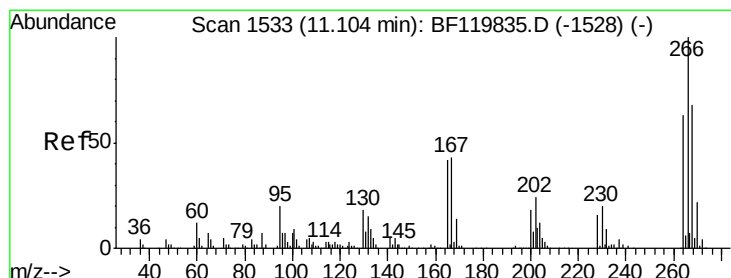
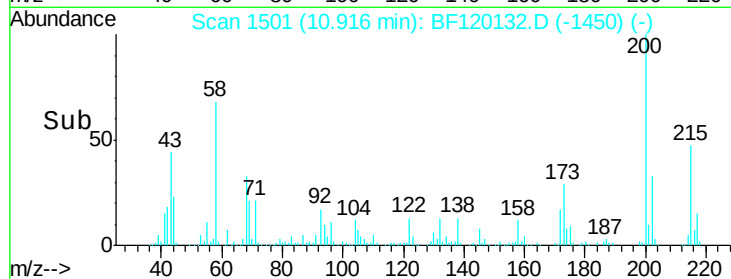
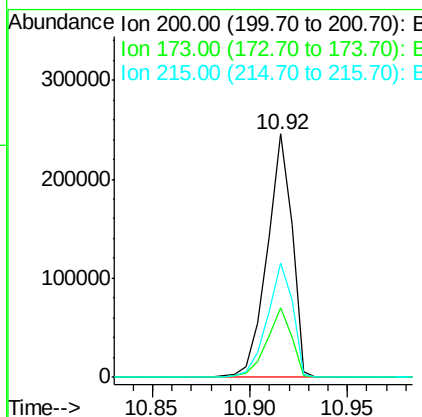
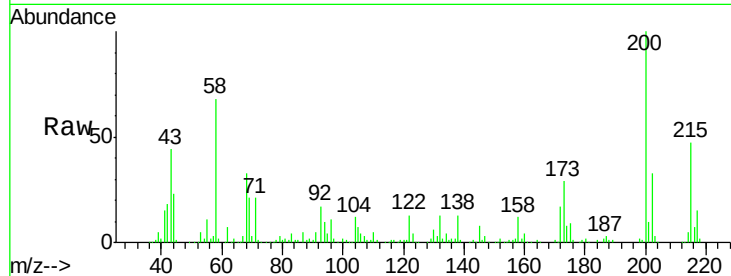
#69  
 Atrazine  
 Concen: 47.49 ng  
 RT: 10.92 min Scan# 1501  
 Delta R.T. 0.00 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 218178 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 28.7  | 9.3   | 49.3   |
| 215       | 46.9  | 29.5  | 69.5   |

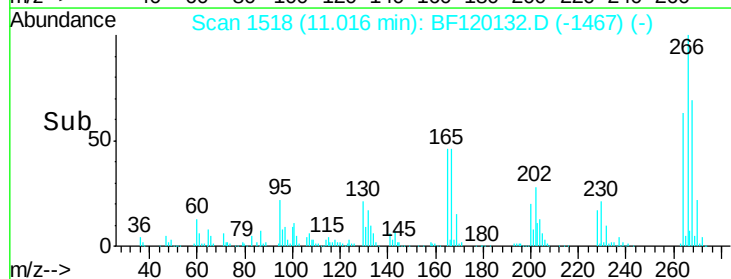
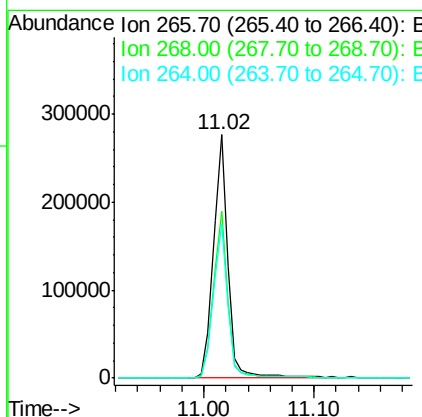
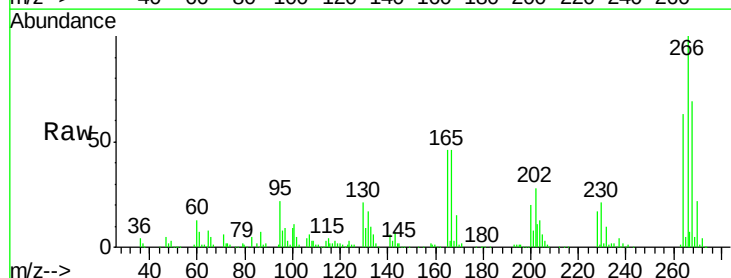
Manual Integrations  
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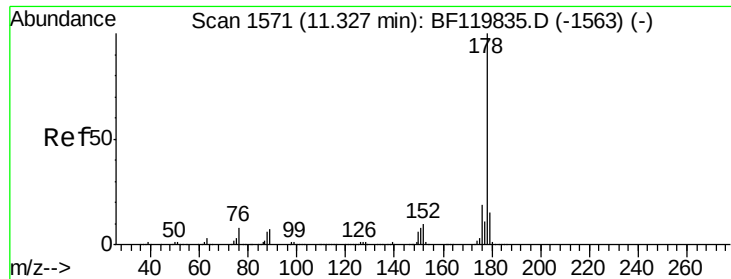
mohammad  
 4/24/2020 4:17:56 AM



#70  
 Pentachlorophenol  
 Concen: 69.23 ng  
 RT: 11.02 min Scan# 1518  
 Delta R.T. 0.00 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 249918 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 68.5  | 53.3  | 79.9   |
| 264       | 63.3  | 49.0  | 73.4   |





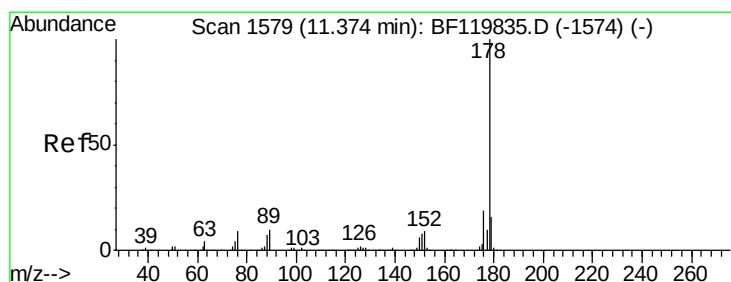
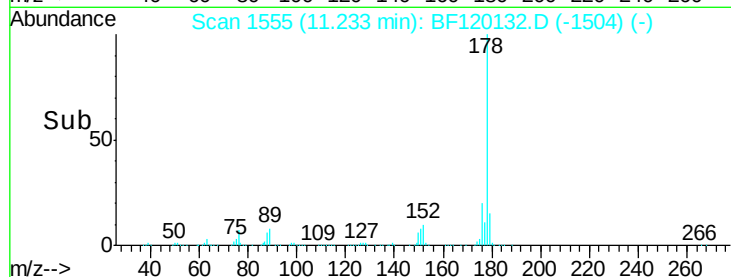
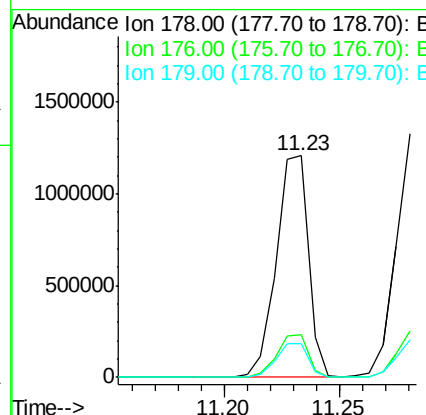
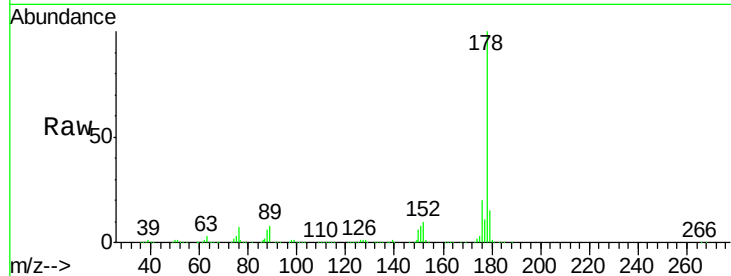
#71  
Phenanthrene  
Concen: 44.04 ng  
RT: 11.23 min Scan# 1555  
Delta R.T. 0.00 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

Tgt Ion:178 Resp: 1163861  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.2 24.4  
179 15.3 13.2 19.8

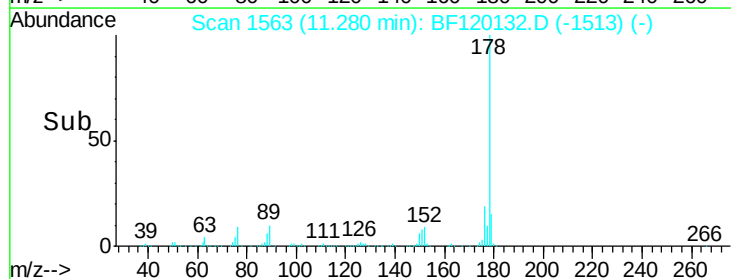
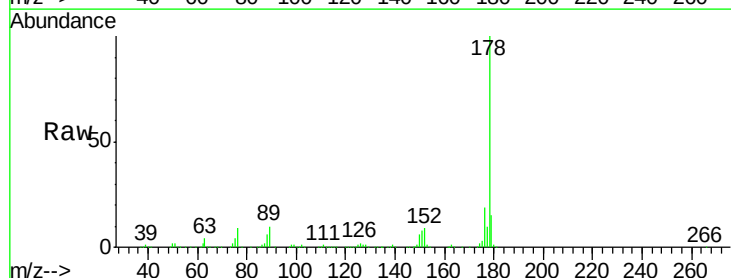
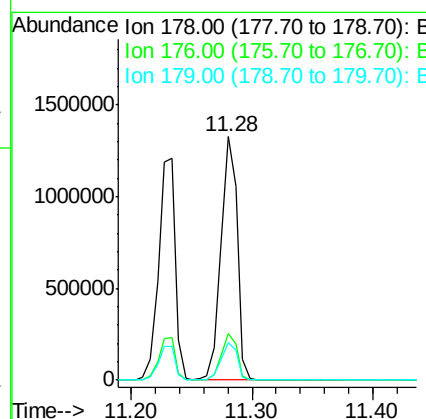
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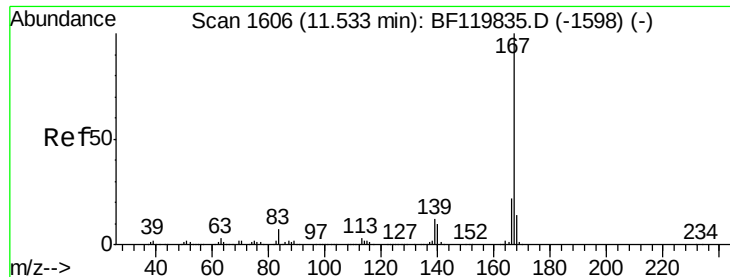


#72  
Anthracene  
Concen: 44.91 ng  
RT: 11.28 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Tgt Ion:178 Resp: 1212345  
Ion Ratio Lower Upper  
178 100  
176 19.0 16.1 24.1  
179 15.3 13.0 19.4







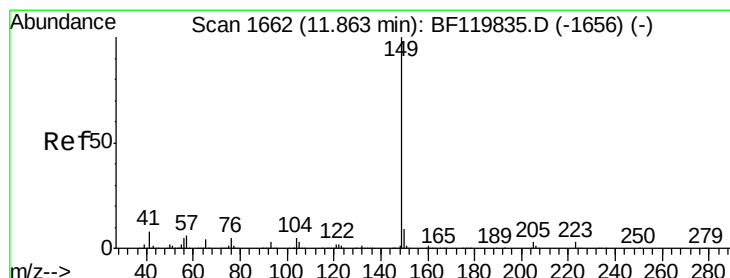
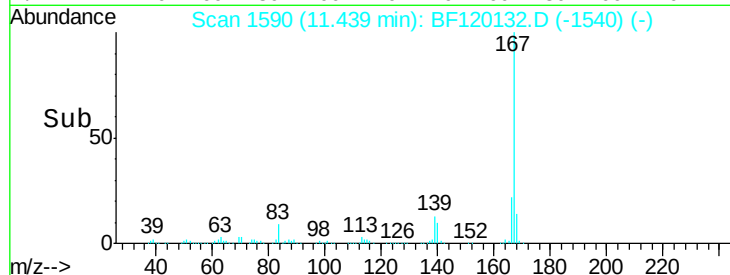
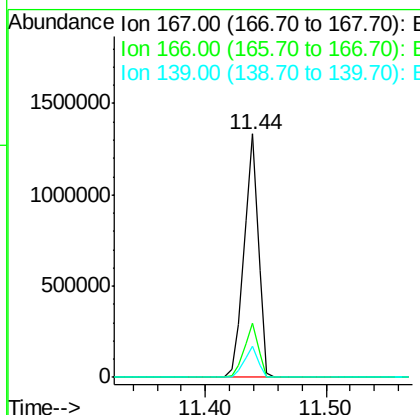
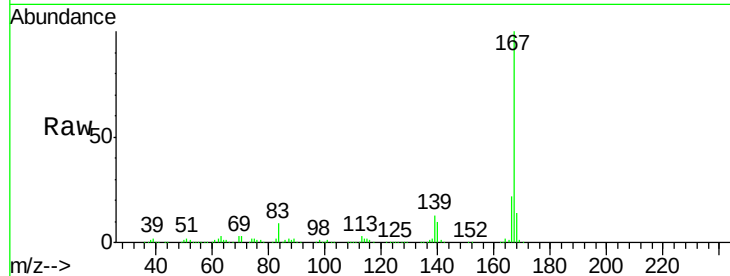
#73  
 Carbazole  
 Concen: 43.56 ng  
 RT: 11.44 min Scan# 1590  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 18.2  | 27.4  |
| 139     | 13.0  | 10.7  | 16.1  |

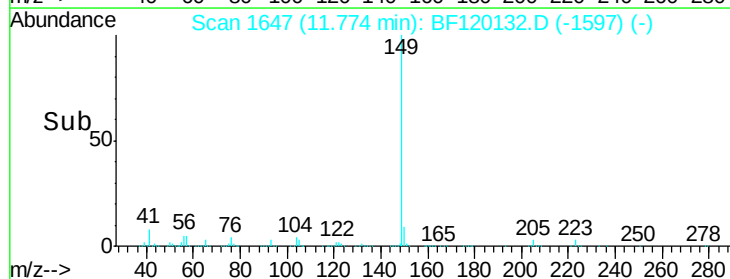
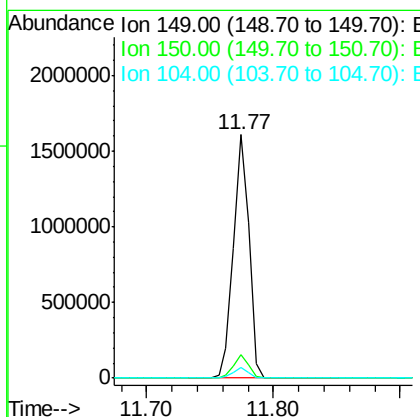
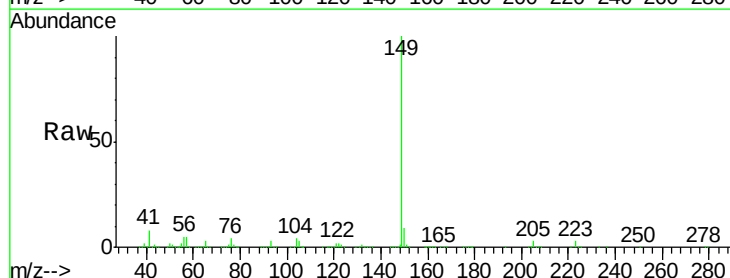
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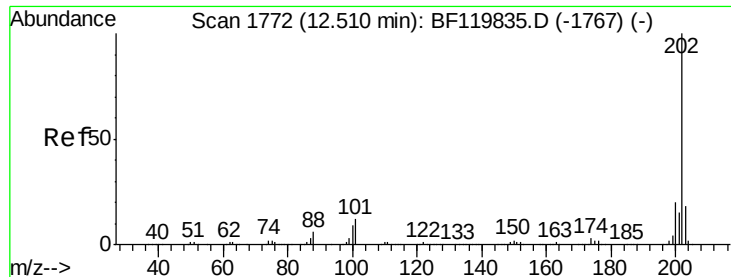
mohammad  
 4/24/2020 4:17:56 AM



#74  
 Di-n-butylphthalate  
 Concen: 40.15 ng  
 RT: 11.77 min Scan# 1647  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.8   | 11.8  |
| 104     | 4.2   | 3.6   | 5.4   |





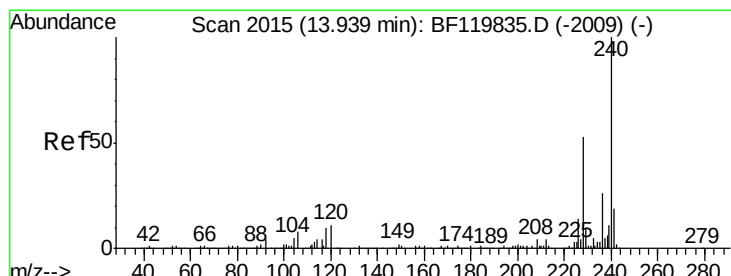
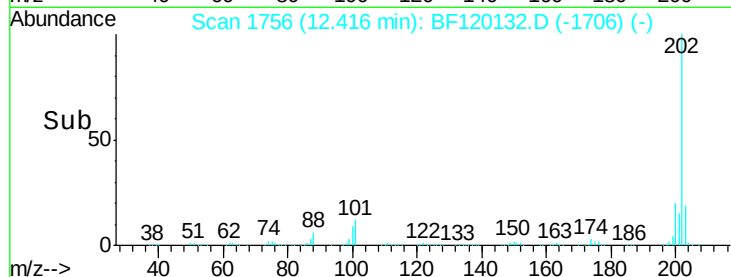
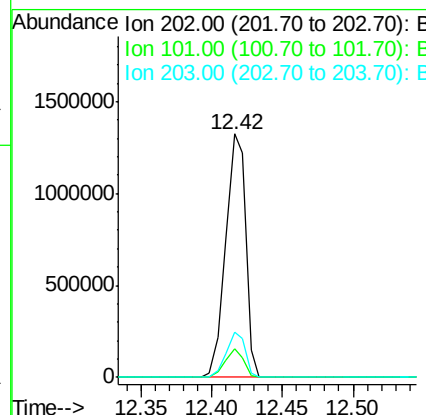
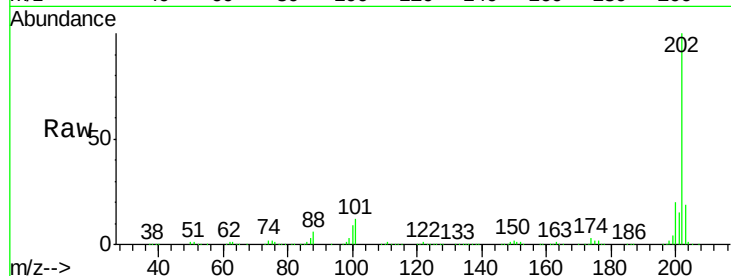
#75  
Fluoranthene  
Concen: 45.72 ng  
RT: 12.42 min Scan# 1756  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 202     | 100   | 1303642 |       |       |
| 101     | 11.9  | 0.0     | 32.2  |       |
| 203     | 18.5  | 0.0     | 38.8  |       |

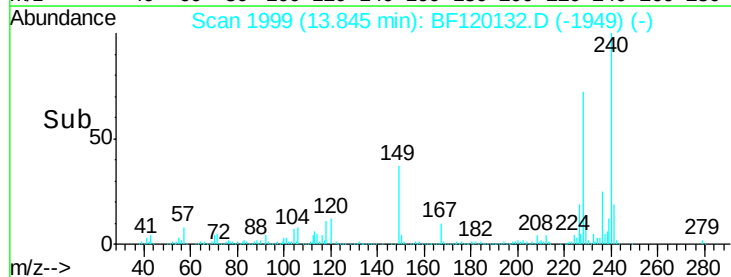
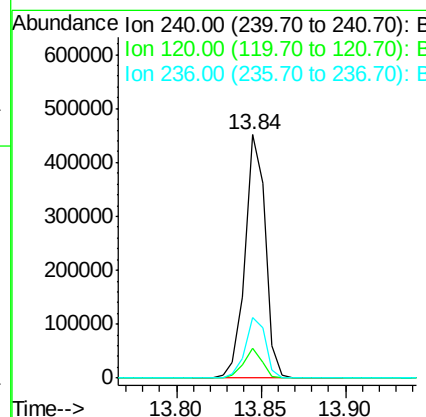
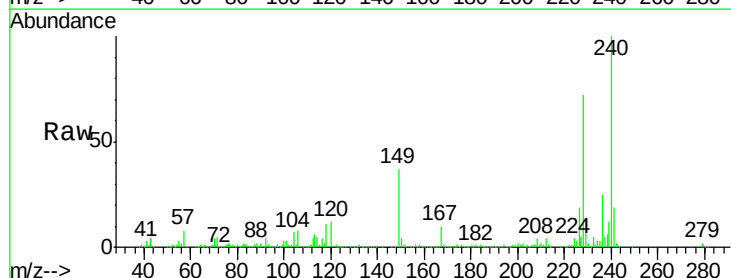
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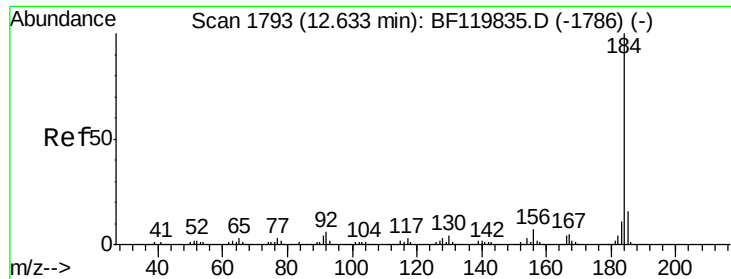
mohammad  
4/24/2020 4:17:56 AM



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.84 min Scan# 1999  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 376908 |       |       |
| 120     | 12.3  | 10.6   | 15.8  |       |
| 236     | 25.1  | 20.2   | 30.2  |       |





#77

Benzidine

Concen: 43.84 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

Instrument :

BNA\_F

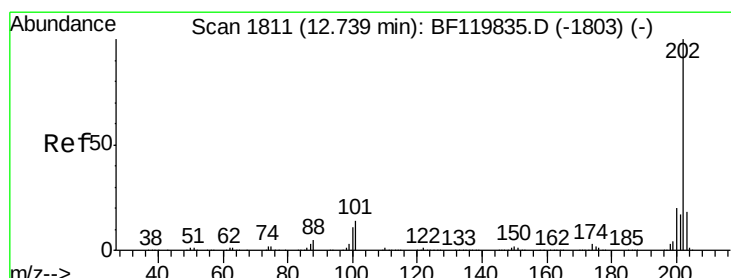
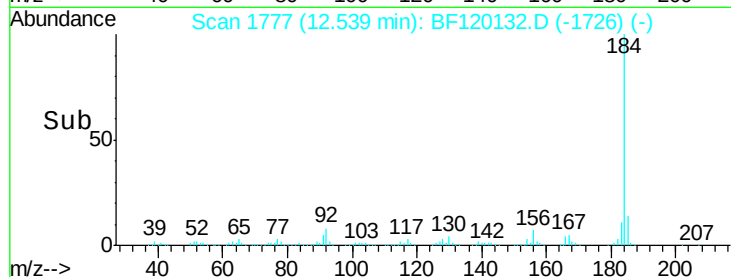
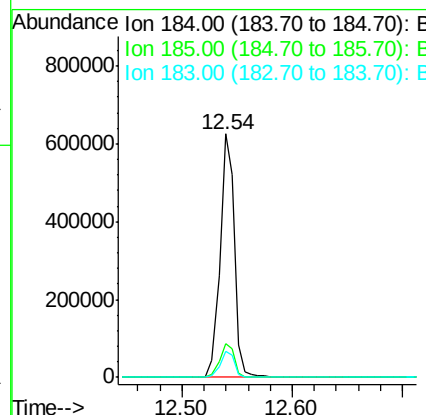
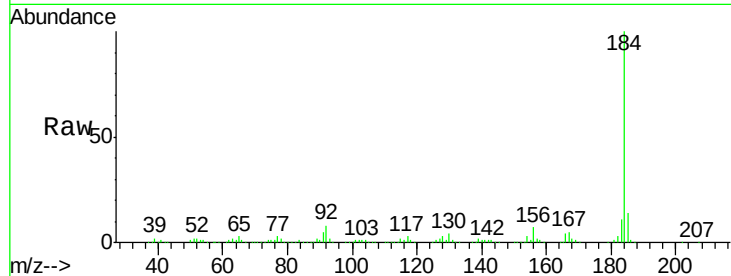
ClientSampleId :

PB128411BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 558546 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.0  | 12.3  | 18.5   |
| 183       | 10.7  | 9.0   | 13.6   |

Manual Integrations  
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#78

Pyrene

Concen: 41.14 ng

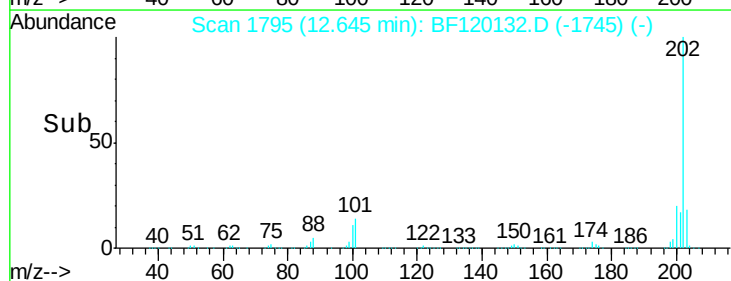
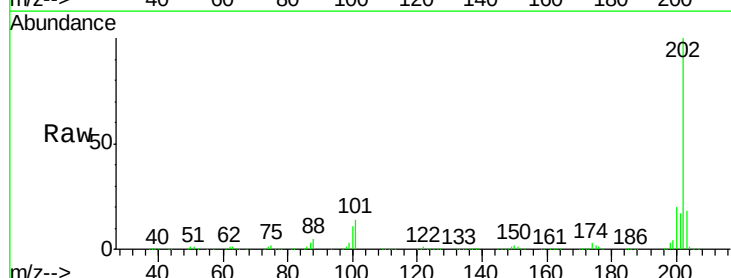
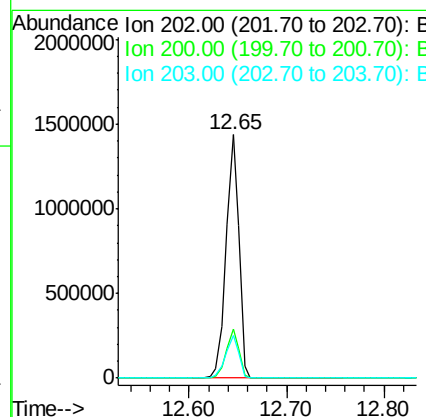
RT: 12.65 min Scan# 1795

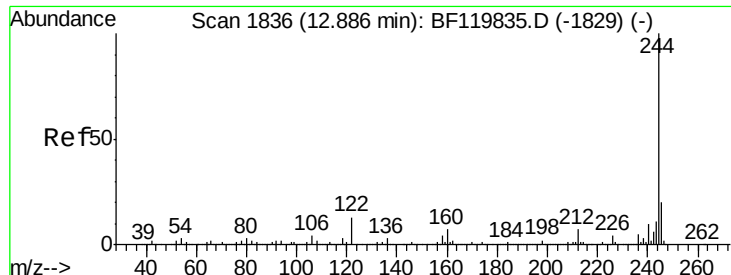
Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1307107 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 20.4  | 16.8  | 25.2    |
| 203       | 17.6  | 15.1  | 22.7    |





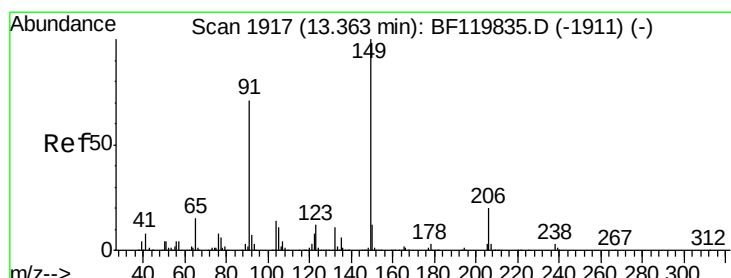
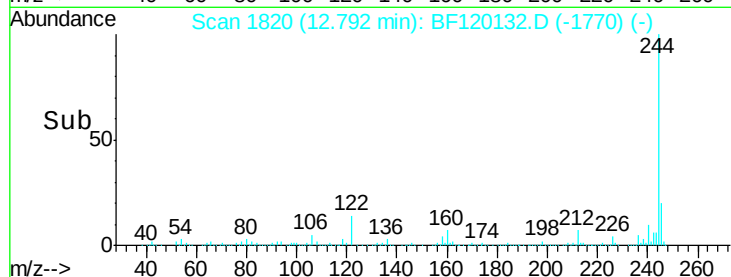
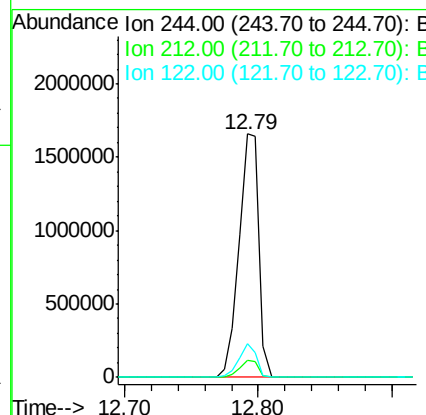
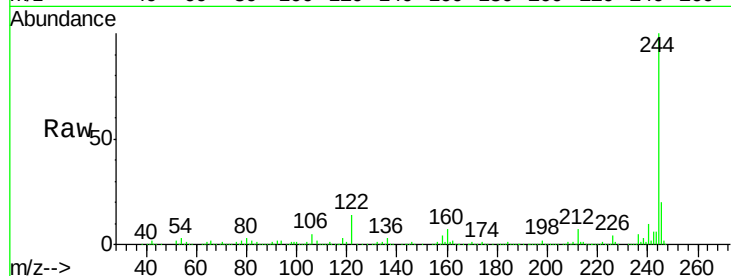
#79  
 Terphenyl-d14  
 Concen: 77.07 ng  
 RT: 12.79 min Scan# 1820  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.0   | 5.8   | 8.8   |
| 122     | 14.0  | 10.3  | 15.5  |

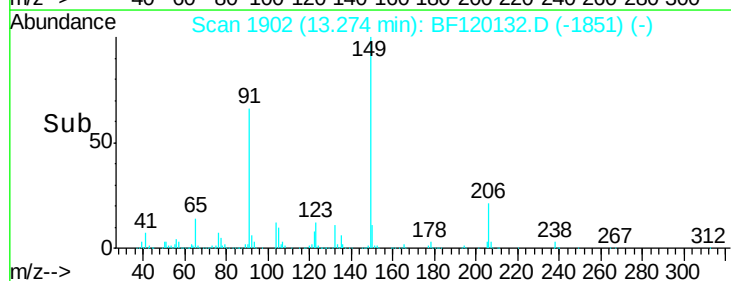
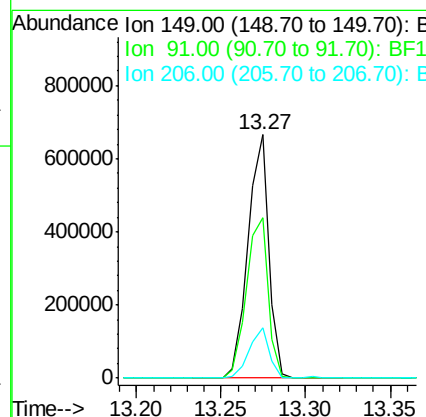
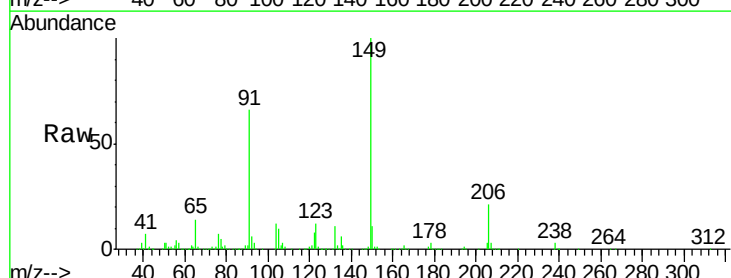
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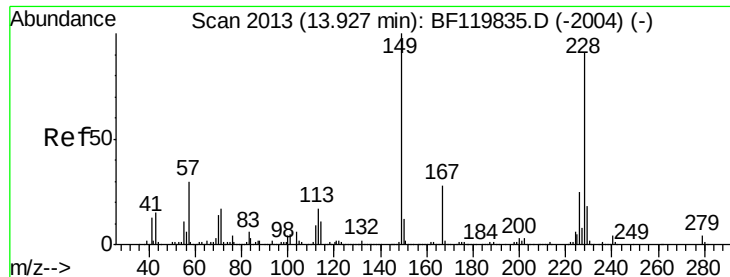
mohammad  
 4/24/2020 4:17:56 AM



#80  
 Butylbenzylphthalate  
 Concen: 37.22 ng  
 RT: 13.27 min Scan# 1902  
 Delta R.T. 0.00 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 66.1  | 54.7  | 82.1  |
| 206     | 20.6  | 16.2  | 24.2  |





#81

Benzo(a)anthracene

Concen: 43.34 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

Instrument :

BNA\_F

ClientSampleId :

PB128411BS

Tgt Ion: 228 Resp: 1074685

Ion Ratio Lower Upper

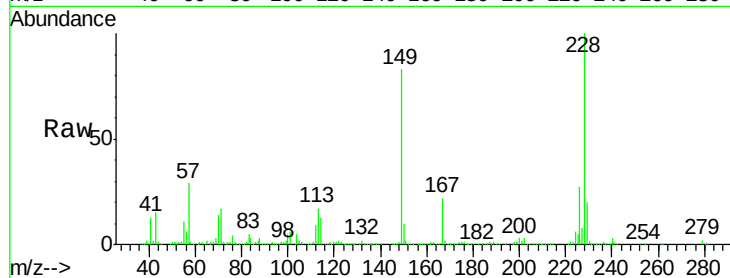
228 100

226 26.6 21.8 32.8

229 20.0 16.2 24.4

Manual Integrations  
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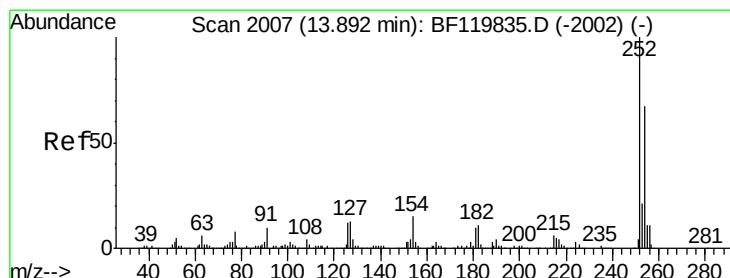
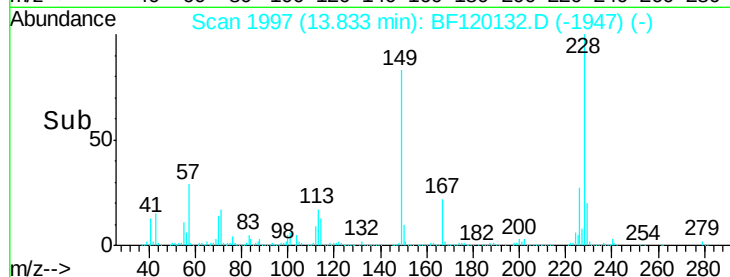
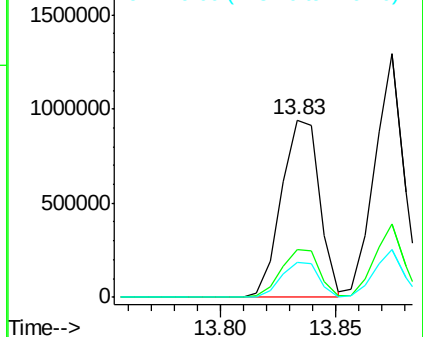
mohammad  
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.47 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

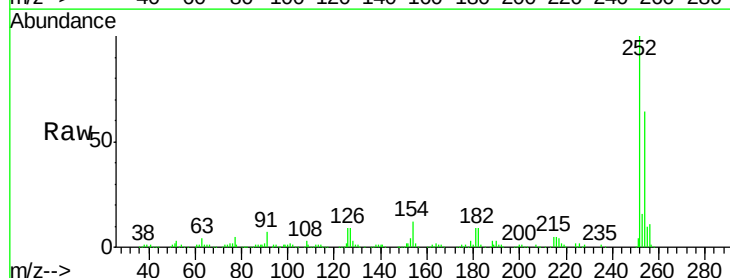
Tgt Ion: 252 Resp: 244935

Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

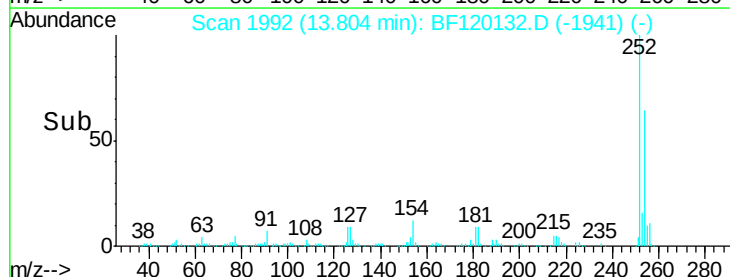
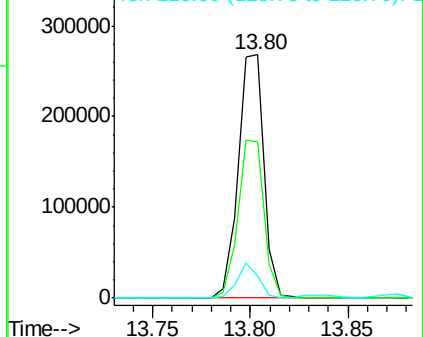
126 8.9 9.6 14.4#

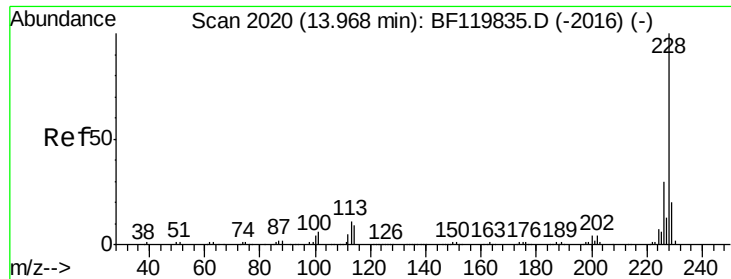


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





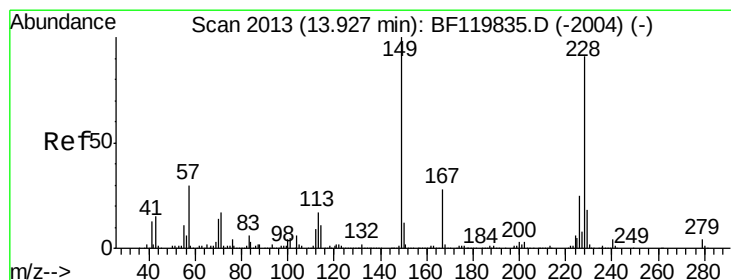
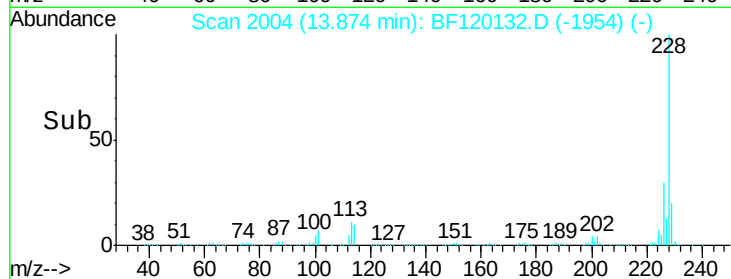
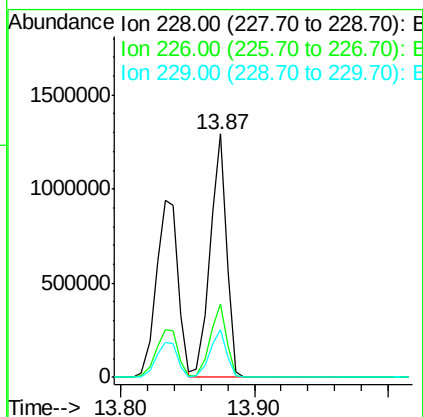
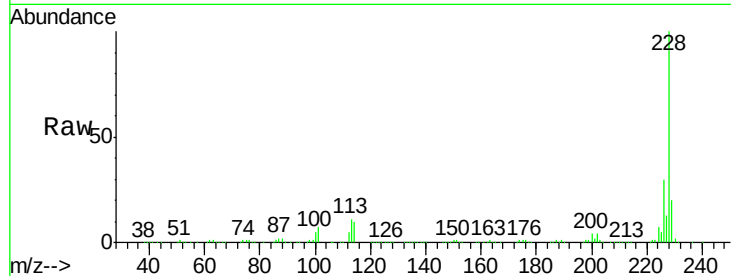
#83  
**Chrysene**  
 Concen: 43.94 ng  
 RT: 13.87 min Scan# 2004  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128411BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.2  | 25.4  | 38.0  |
| 229     | 19.9  | 16.6  | 24.8  |

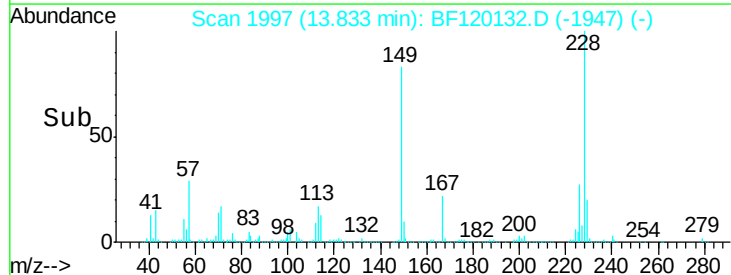
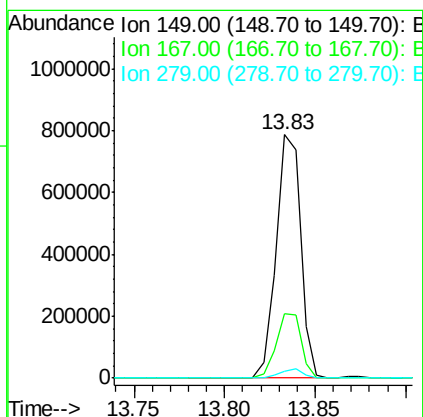
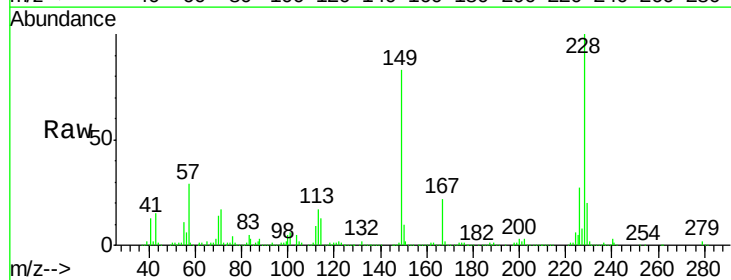
Manual Integrations  
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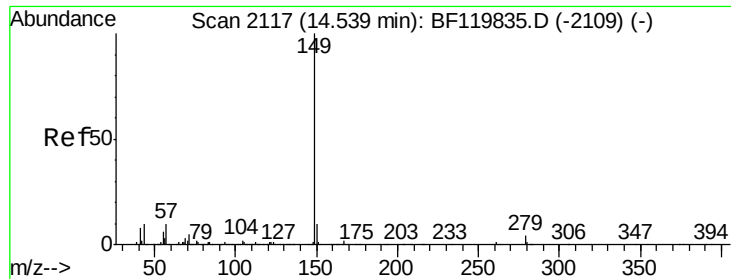
mohammad  
 4/24/2020 4:17:56 AM



#84  
**Bis(2-ethylhexyl)phthalate**  
 Concen: 35.36 ng  
 RT: 13.83 min Scan# 1997  
 Delta R.T. -0.01 min  
 Lab File: BF120132.D  
 Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.5  | 21.3  | 31.9  |
| 279     | 2.9   | 2.7   | 4.1   |





#85

Di-n-octyl phthalate

Concen: 37.03 ng

RT: 14.44 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

Instrument :

BNA\_F

ClientSampleId :

PB128411BS

Tgt Ion:149 Resp: 1316378

Ion Ratio Lower Upper

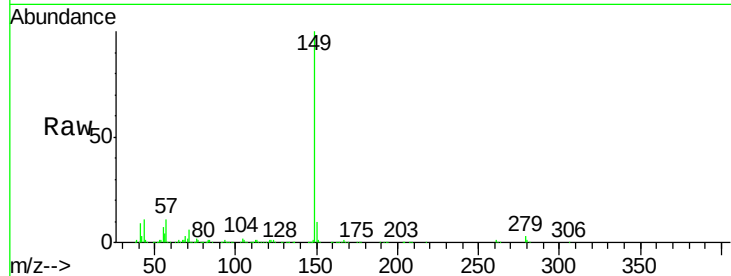
149 100

167 1.5 1.2 1.8

43 10.5 9.3 13.9

Manual Integrations  
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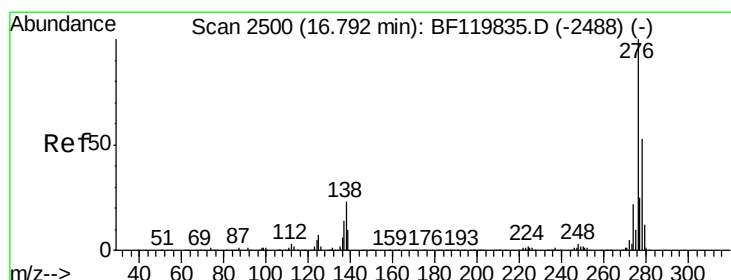
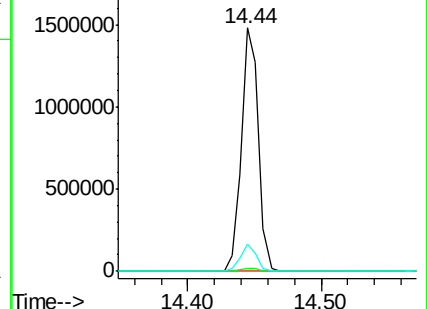
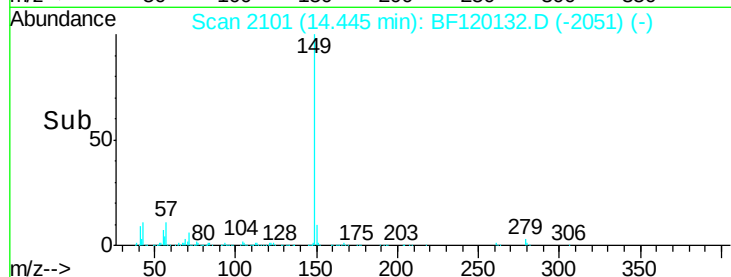
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 41.54 ng

RT: 16.62 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BF120132.D

Acq: 22 Apr 2020 15:43

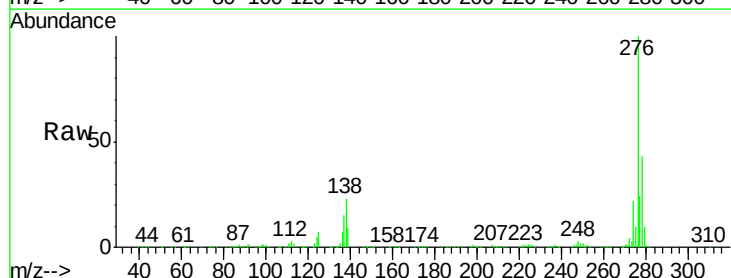
Tgt Ion:276 Resp: 922532

Ion Ratio Lower Upper

276 100

138 25.3 19.6 29.4

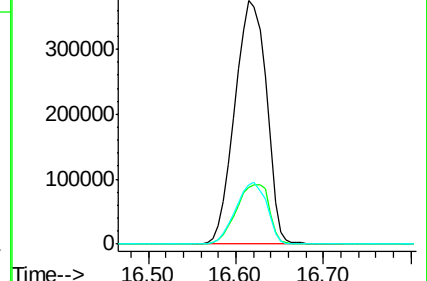
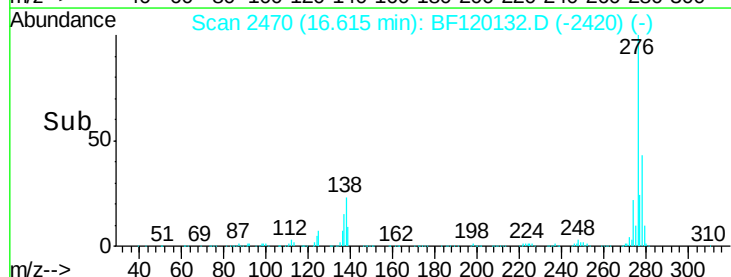
277 25.0 20.0 30.0

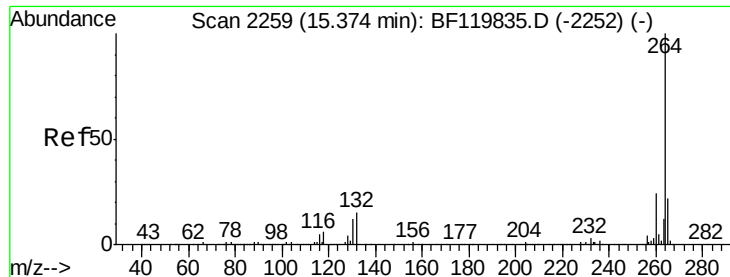


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





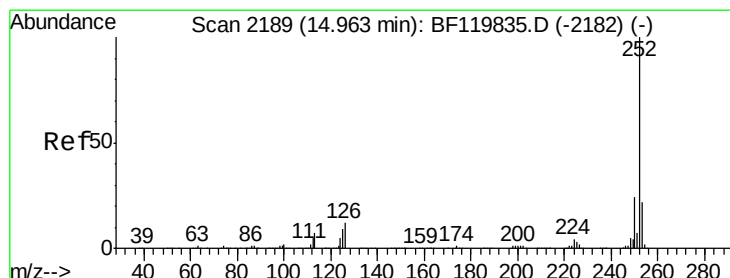
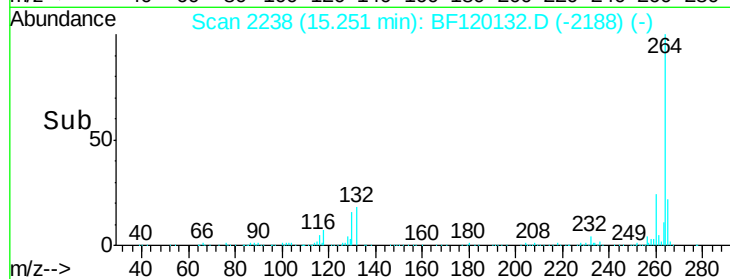
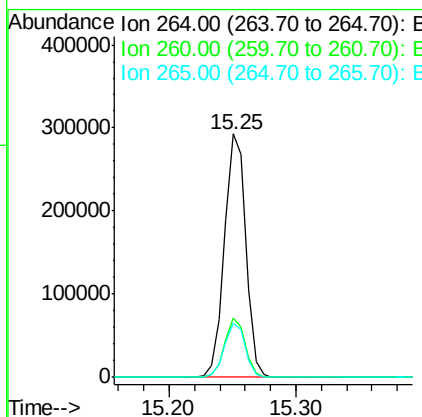
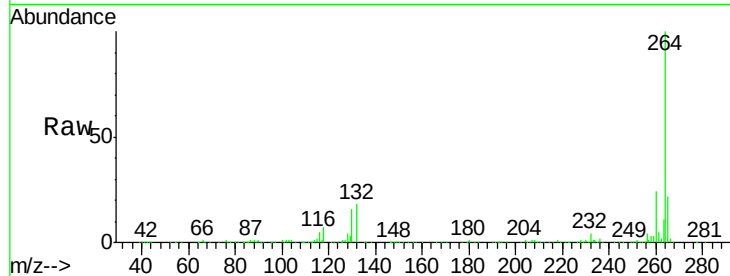
#87  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.25 min Scan# 2238  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 341280 |       |       |
| 260     | 24.2  | 18.7   | 28.1  |       |
| 265     | 22.1  | 17.7   | 26.5  |       |

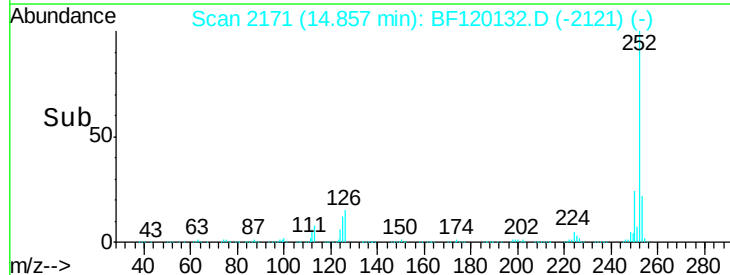
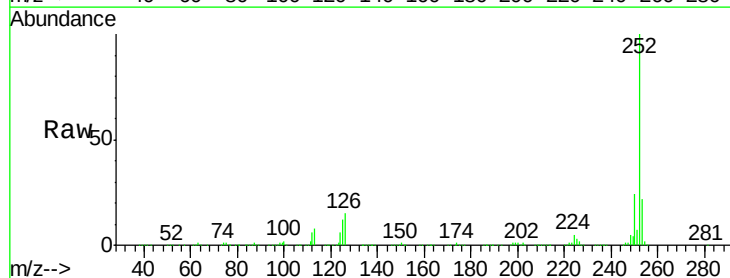
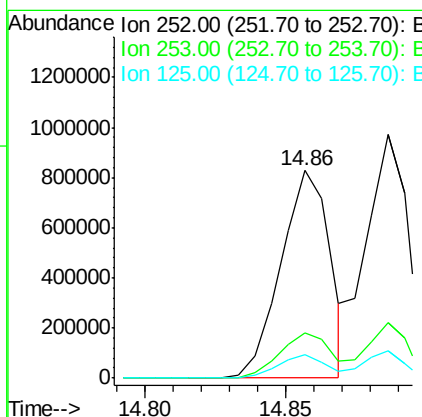
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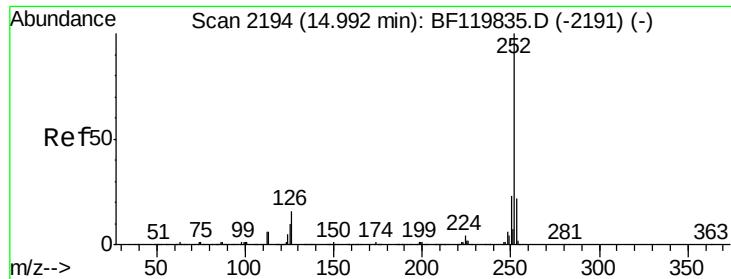


#88  
Benzo(b)fluoranthene  
Concen: 40.68 ng  
RT: 14.86 min Scan# 2171  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 998740 |       |       |
| 253     | 21.8  | 17.4   | 26.0  |       |
| 125     | 11.5  | 7.9    | 11.9  |       |







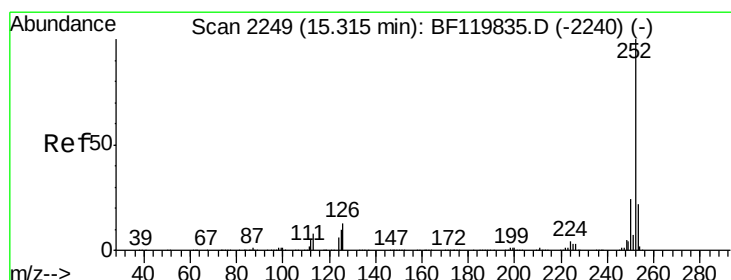
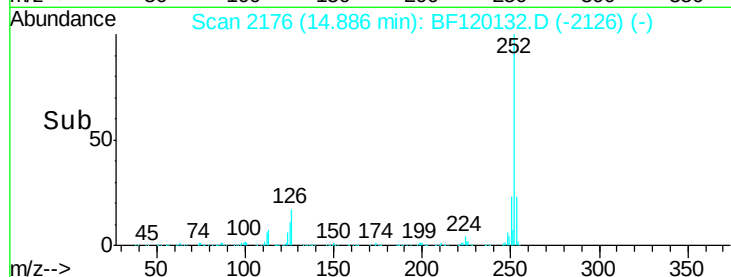
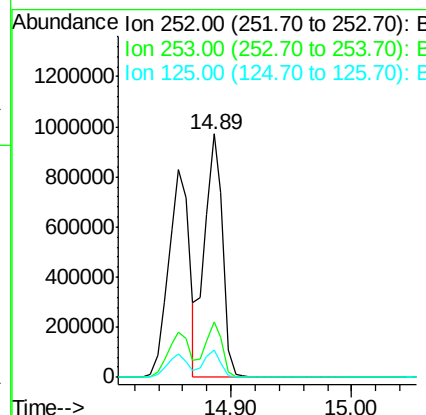
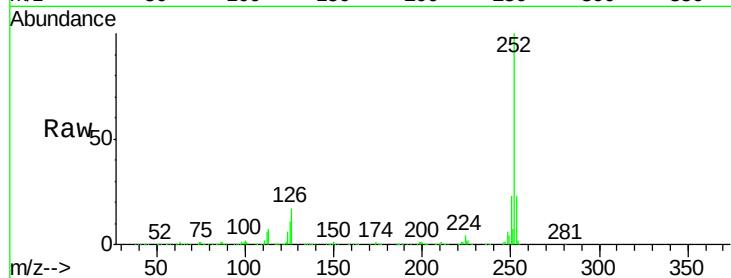
#89  
Benzo(k)fluoranthene  
Concen: 46.78 ng  
RT: 14.89 min Scan# 2176  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 17.8  | 26.6  |
| 125     | 11.0  | 8.4   | 12.6  |

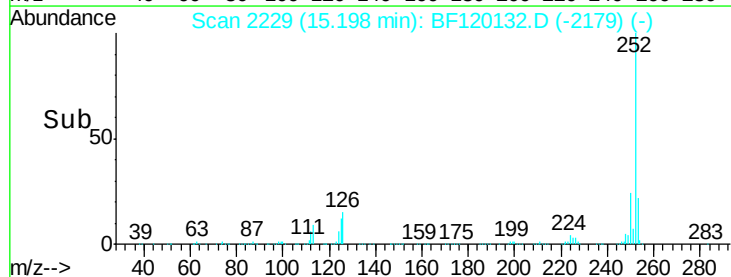
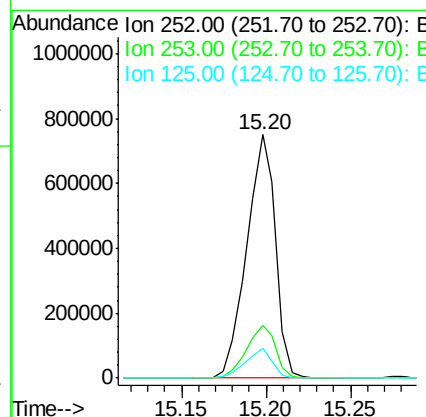
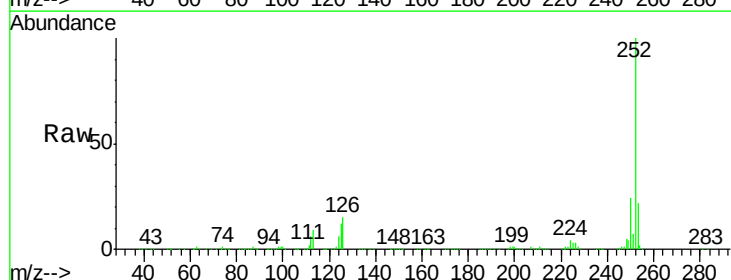
Manual Integrations  
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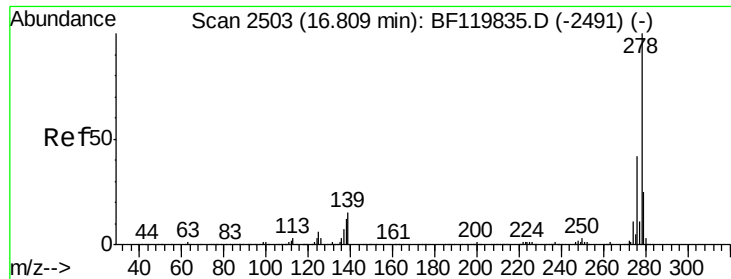
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#90  
Benzo(a)pyrene  
Concen: 43.12 ng  
RT: 15.20 min Scan# 2229  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 18.2  | 27.2  |
| 125     | 12.3  | 9.4   | 14.2  |





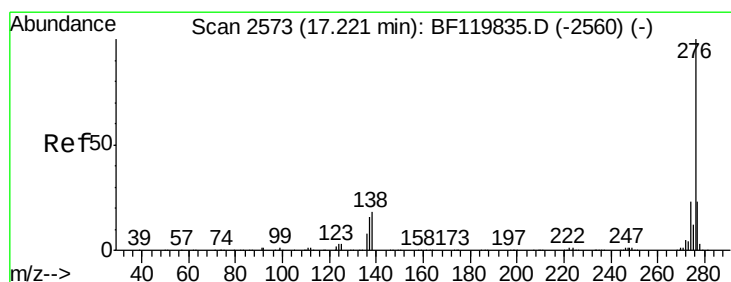
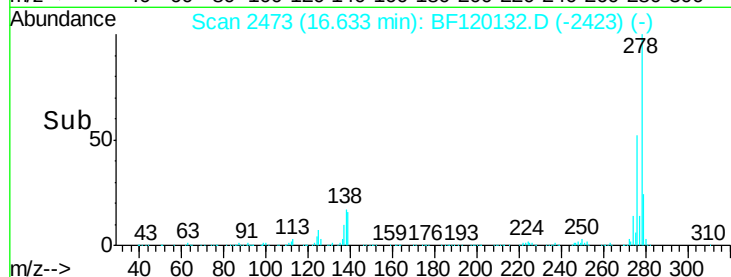
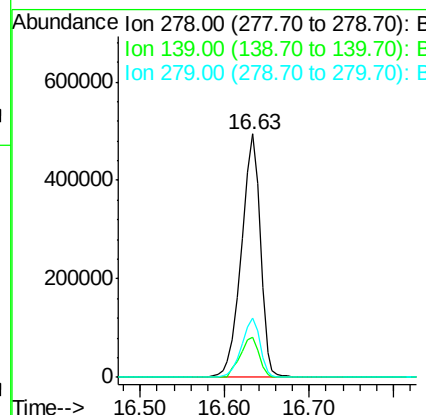
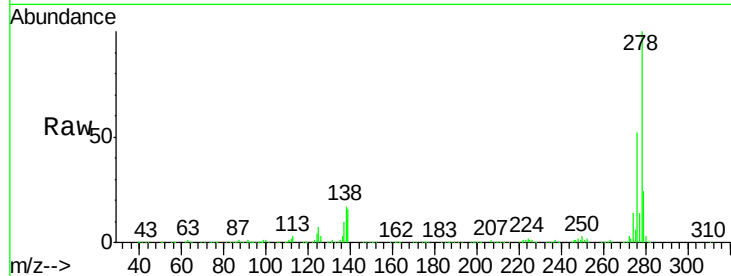
#91  
Dibenzo(a,h)anthracene  
Concen: 41.52 ng  
RT: 16.63 min Scan# 2473  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB128411BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.2  | 12.6  | 19.0  |
| 279     | 24.2  | 19.0  | 28.6  |

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 41.17 ng  
RT: 17.03 min Scan# 2540  
Delta R.T. -0.01 min  
Lab File: BF120132.D  
Acq: 22 Apr 2020 15:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.4  | 18.4  | 27.6  |
| 138     | 21.5  | 15.4  | 23.0  |

