

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\  
 Data File : BF121477.D  
 Acq On : 31 Aug 2020 14:47  
 Operator : JU/CG  
 Sample : PB131291BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131291BS

Manual Integrations  
 APPROVED

mohammad  
 9/2/2020 1:55:36 PM

Quant Time: Sep 01 09:30:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 28 09:25:49 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 302841   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.15  | 136  | 1154755  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.90  | 164  | 603663   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.39 | 188  | 1153508  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.03 | 240  | 959558   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.49 | 264  | 938407   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 1833143 | 101.56 | ng | 0.01 |
| 7) Phenol-d6             | 6.49  | 99  | 2446423 | 96.98  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.43  | 82  | 1944014 | 115.09 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.69 | 330 | 706923  | 115.94 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.22  | 172 | 3372540 | 90.14  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.97 | 244 | 3036972 | 66.62  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.75 | 88  | 332696  | 38.649 | ng | 98     |
| 3) Pyridine                    | 3.48 | 79  | 752874  | 32.117 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.43 | 42  | 383385  | 36.999 | ng | 93     |
| 6) Aniline                     | 6.52 | 93  | 938489  | 31.357 | ng | 99     |
| 8) 2-Chlorophenol              | 6.65 | 128 | 774356  | 42.269 | ng | 100    |
| 9) Benzaldehyde                | 6.41 | 77  | 472880  | 36.822 | ng | 99     |
| 10) Phenol                     | 6.50 | 94  | 1005615 | 40.753 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.60 | 93  | 755005  | 37.659 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.80 | 146 | 818926  | 37.126 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.88 | 146 | 831661  | 37.622 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 768743  | 37.348 | ng | 100    |
| 15) Benzyl Alcohol             | 7.00 | 79  | 666404  | 40.250 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45  | 1059175 | 35.662 | ng | 99     |
| 17) 2-Methylphenol             | 7.11 | 107 | 635015  | 39.839 | ng | 100    |
| 18) Hexachloroethane           | 7.37 | 117 | 300428  | 39.711 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70  | 538944  | 38.232 | ng | 100    |
| 20) 3+4-Methylphenols          | 7.26 | 107 | 770715  | 39.957 | ng | 90     |
| 22) Acetophenone               | 7.27 | 105 | 1029386 | 36.168 | ng | # 92   |
| 24) Nitrobenzene               | 7.45 | 77  | 805038  | 47.548 | ng | 94     |
| 25) Isophorone                 | 7.69 | 82  | 1451942 | 38.218 | ng | 99     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 384118  | 52.263 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 714202  | 45.326 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 928912  | 35.957 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 641243  | 41.216 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.09 | 180 | 688739  | 36.137 | ng | 99     |
| 31) Naphthalene                | 8.17 | 128 | 2168186 | 37.820 | ng | 99     |
| 32) Benzoic acid               | 7.92 | 122 | 467493  | 47.699 | ng | 99     |
| 33) 4-Chloroaniline            | 8.21 | 127 | 594708  | 23.291 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.29 | 225 | 402644  | 35.525 | ng | 100    |
| 35) Caprolactam                | 8.59 | 113 | 203679m | 40.139 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.69 | 107 | 651243  | 39.701 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 1472372 | 38.764 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.96 | 142 | 1392728 | 38.832 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 659747  | 36.869 | ng | 99     |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131291BS

Manual Integrations  
 APPROVED

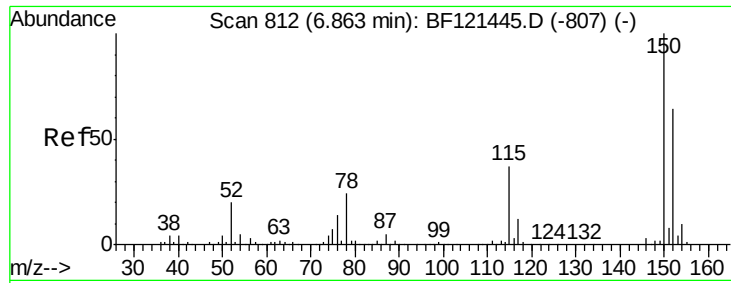
mohammad  
 9/2/2020 1:55:36 PM

Quant Time: Sep 01 09:30:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 28 09:25:49 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.02  | 237  | 742363   | 98.652 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.13  | 196  | 466360   | 41.233 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.17  | 196  | 474902   | 42.462 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 9.32  | 154  | 1771781  | 38.895 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.35  | 162  | 1350059  | 36.057 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.44  | 65   | 419607   | 41.046 | nq    | 96       |
| 49) Acenaphthylene             | 9.76  | 152  | 2165904  | 38.566 | nq    | 99       |
| 50) Dimethylphthalate          | 9.62  | 163  | 1525213  | 36.782 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.68  | 165  | 341548   | 44.490 | nq    | 96       |
| 52) Acenaphthene               | 9.93  | 154  | 1434310  | 40.446 | nq    | 100      |
| 53) 3-Nitroaniline             | 9.85  | 138  | 258458   | 28.590 | nq    | # 95     |
| 54) 2,4-Dinitrophenol          | 9.96  | 184  | 288668   | 80.040 | nq    | 86       |
| 55) Dibenzofuran               | 10.11 | 168  | 1917162  | 37.217 | nq    | 99       |
| 56) 4-Nitrophenol              | 10.01 | 139  | 630467   | 78.870 | nq    | 94       |
| 57) 2,4-Dinitrotoluene         | 10.09 | 165  | 447059   | 46.922 | nq    | 92       |
| 58) Fluorene                   | 10.45 | 166  | 1438959  | 37.055 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.22 | 232  | 417572   | 44.845 | nq    | 99       |
| 60) Diethylphthalate           | 10.32 | 149  | 1529017  | 36.702 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.44 | 204  | 707488   | 36.362 | nq    | 100      |
| 62) 4-Nitroaniline             | 10.47 | 138  | 374841   | 38.033 | nq    | 93       |
| 63) Azobenzene                 | 10.60 | 77   | 1520863  | 36.916 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.49 | 198  | 187622   | 52.889 | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 10.56 | 169  | 1327590  | 36.389 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.93 | 248  | 450362   | 35.491 | nq    | 98       |
| 68) Hexachlorobenzene          | 11.00 | 284  | 521356   | 35.134 | nq    | 98       |
| 69) Atrazine                   | 11.09 | 200  | 378178   | 35.743 | nq    | 99       |
| 70) Pentachlorophenol          | 11.19 | 266  | 629780   | 92.899 | nq    | 99       |
| 71) Phenanthrene               | 11.41 | 178  | 2132459  | 36.024 | nq    | 100      |
| 72) Anthracene                 | 11.46 | 178  | 2200437  | 37.794 | nq    | 99       |
| 73) Carbazole                  | 11.62 | 167  | 2053673  | 36.580 | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.95 | 149  | 2278910  | 36.539 | nq    | 99       |
| 75) Fluoranthene               | 12.60 | 202  | 2349803  | 36.832 | nq    | 100      |
| 77) Benzidine                  | 12.72 | 184  | 1075796  | 51.406 | nq    | 99       |
| 78) Pyrene                     | 12.83 | 202  | 2427448  | 35.422 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.45 | 149  | 1025770  | 38.853 | nq    | 99       |
| 81) Benzo(a)anthracene         | 14.02 | 228  | 2057167  | 35.119 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.98 | 252  | 702656   | 32.750 | nq    | 99       |
| 83) Chrysene                   | 14.06 | 228  | 2067138  | 35.273 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 14.01 | 149  | 1301592  | 38.172 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.62 | 149  | 2345683  | 40.592 | nq    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.96 | 276  | 2171323  | 37.606 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 15.07 | 252  | 2221677  | 36.395 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.10 | 252  | 2140909  | 37.707 | nq    | 100      |
| 90) Benzo(a)pyrene             | 15.43 | 252  | 1979094  | 36.056 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.99 | 278  | 1814657  | 38.395 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.41 | 276  | 1748685  | 38.408 | nq    | 99       |

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





#1

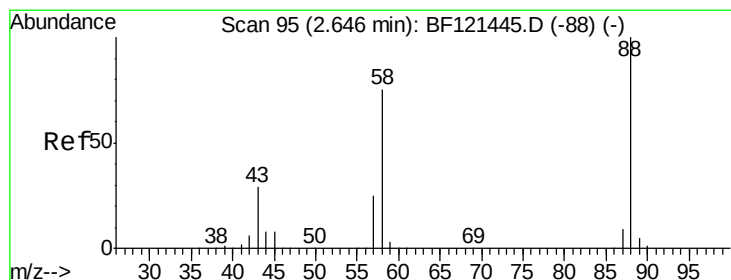
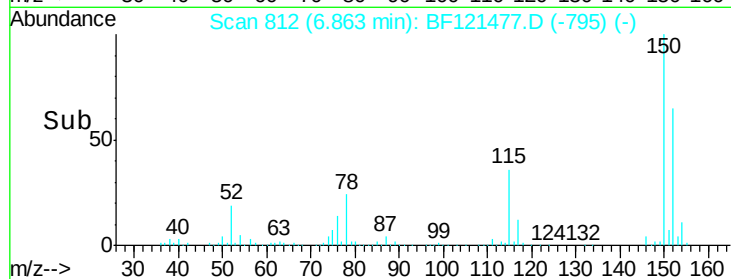
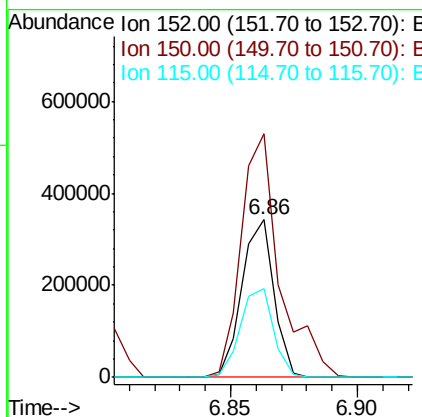
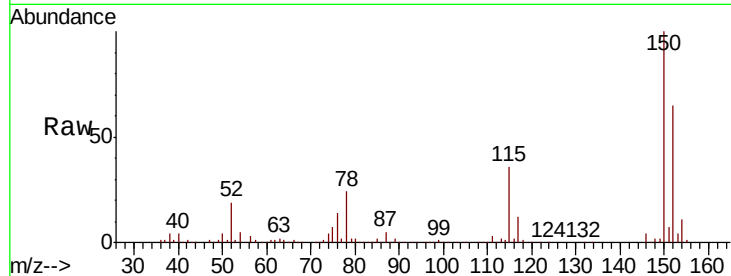
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 812  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.9 | 125.8 | 188.6 |
| 115     | 56.5  | 46.6  | 69.8  |

Manual Integrations  
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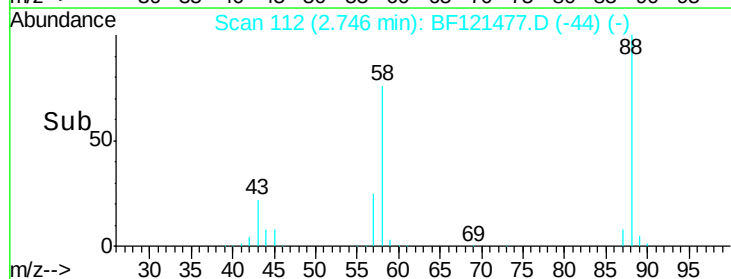
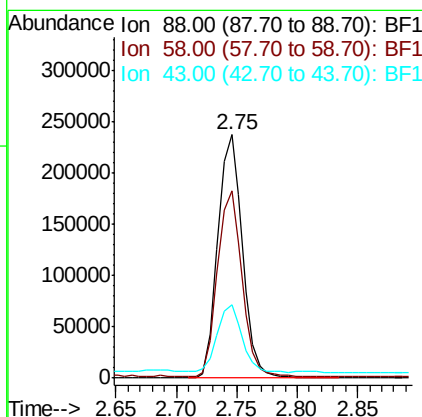
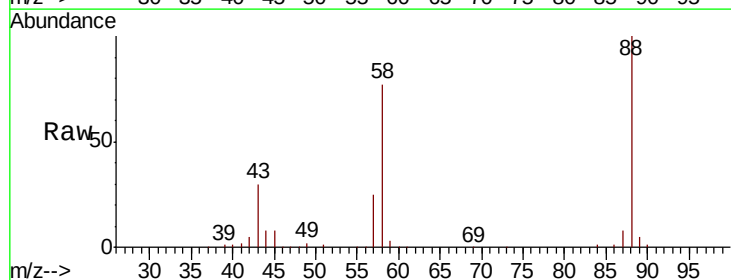
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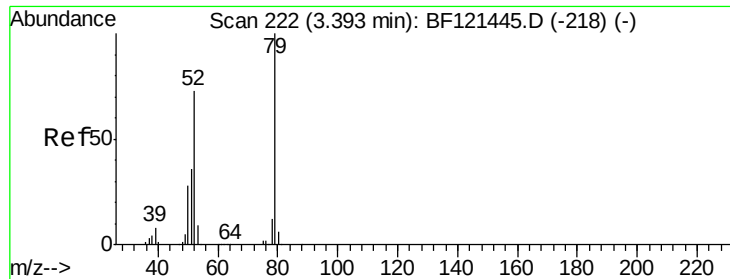


#2

1,4-Dioxane  
Concen: 38.649 ng  
RT: 2.75 min Scan# 112  
Delta R.T. 0.10 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 75.2  | 61.1  | 91.7  |
| 43      | 28.1  | 23.4  | 35.0  |





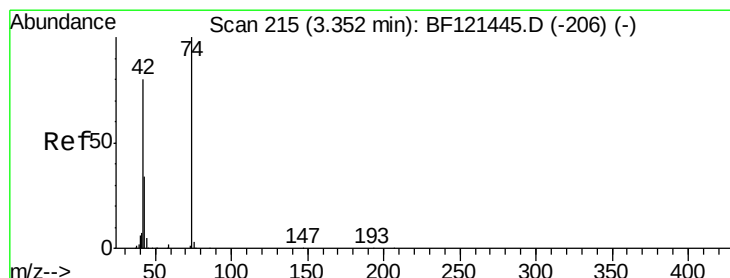
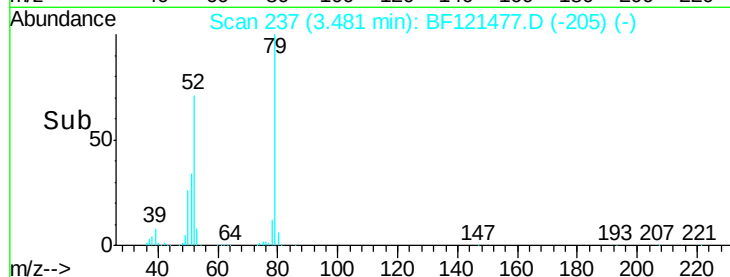
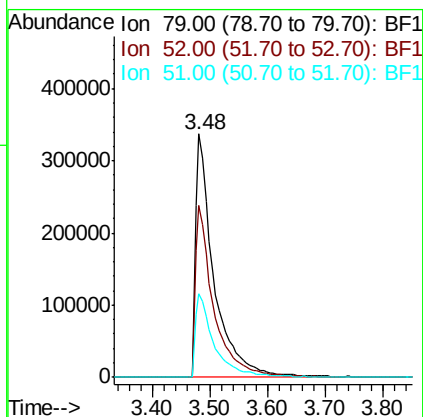
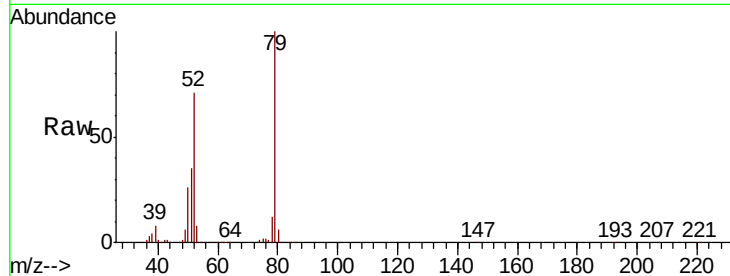
#3  
 Pvridine  
 Concen: 32.117 ng  
 RT: 3.48 min Scan# 237  
 Delta R.T. 0.09 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 70.8  | 58.2  | 87.4  |
| 51      | 34.6  | 29.1  | 43.7  |

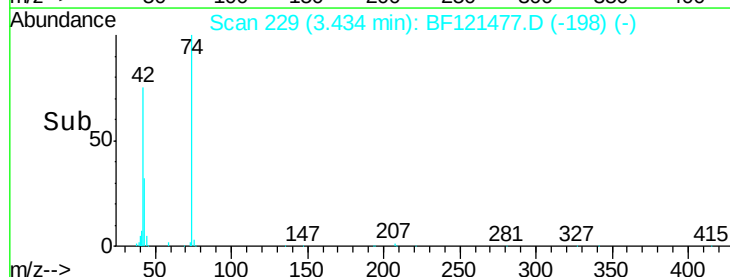
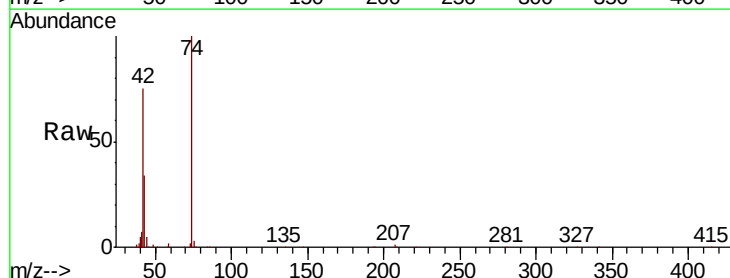
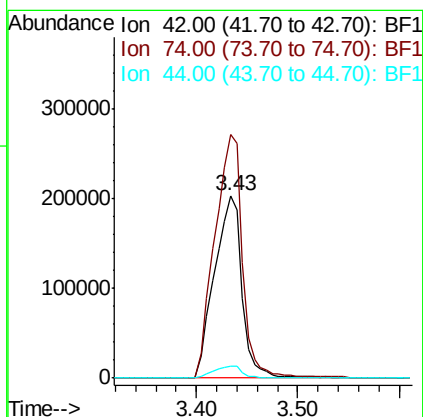
Manual Integrations  
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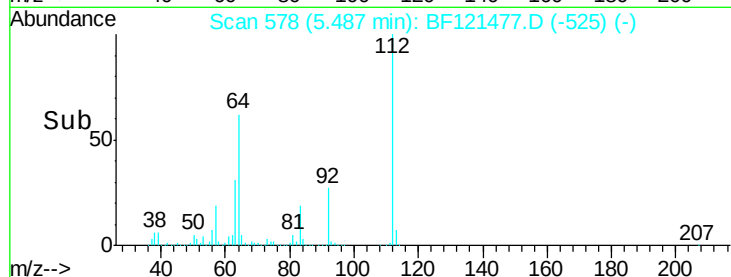
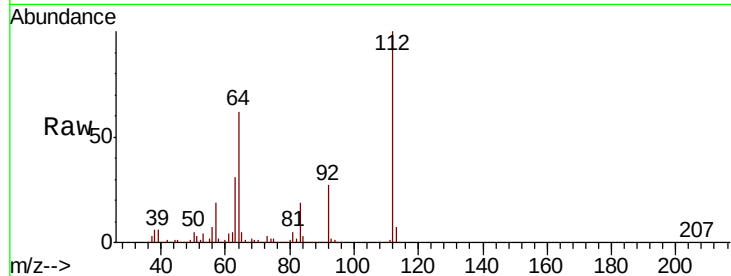
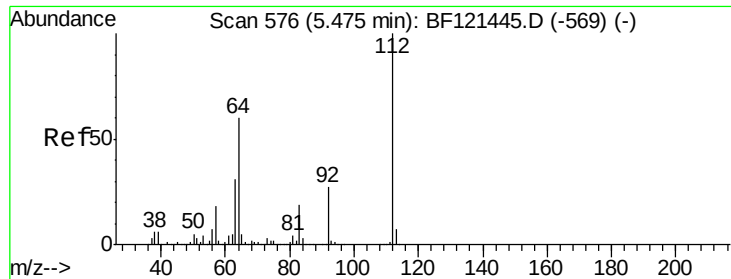
mohammad  
 9/2/2020 1:55:36 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 36.999 ng  
 RT: 3.43 min Scan# 229  
 Delta R.T. 0.08 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 133.6 | 100.2 | 150.4 |
| 44      | 6.8   | 5.4   | 8.0   |





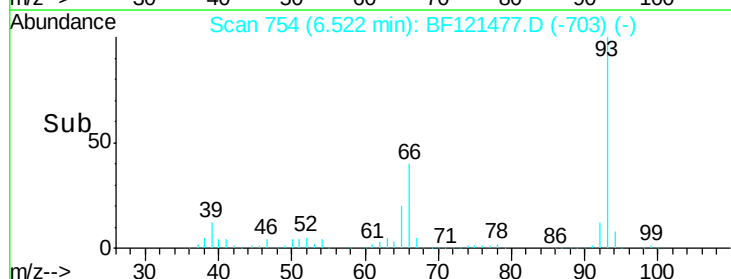
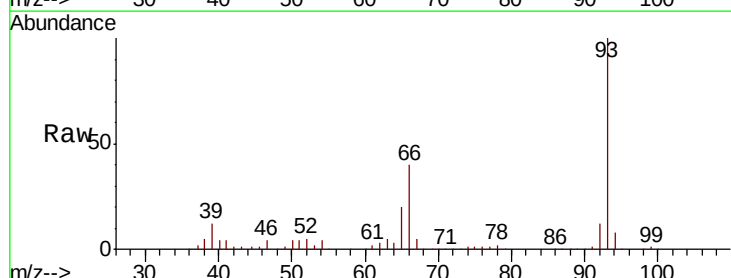
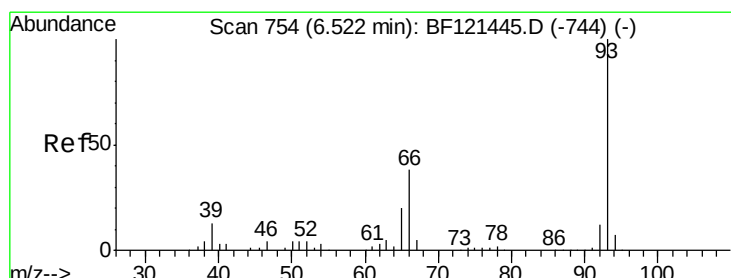
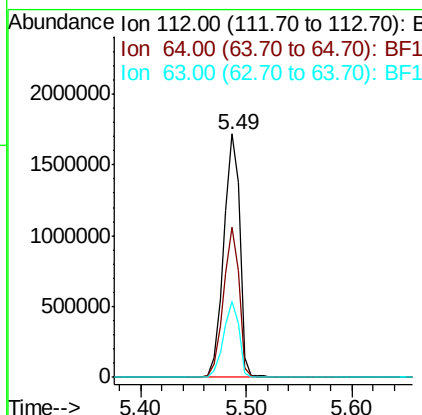
#5  
2-Fluorophenol  
Concen: 101.556 ng  
RT: 5.49 min Scan# 578  
Delta R.T. 0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Tot Ion: 112 Resp: 1833143  
Ion Ratio Lower Upper  
112 100  
64 61.6 48.2 72.2  
63 31.4 24.8 37.2

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

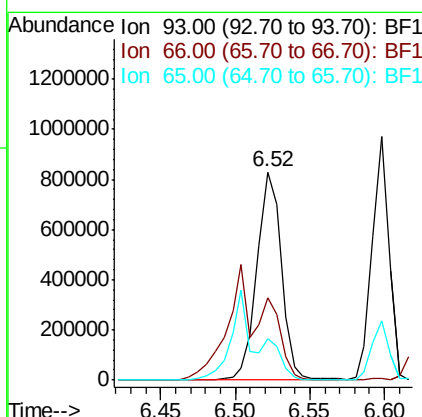
Manual Integrations  
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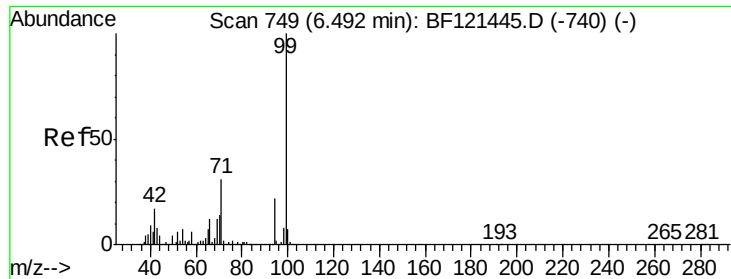
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9/2/2020 1:55:36 PM



#6  
Aniline  
Concen: 31.357 ng  
RT: 6.52 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Tgt Ion: 93 Resp: 938489  
Ion Ratio Lower Upper  
93 100  
66 39.6 30.9 46.3  
65 20.0 15.9 23.9





#7

Phenol-d6

Concen: 96.984 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

Instrument :

BNA\_F

ClientSampleId :

PB131291BS

Tot Ion: 99 Resp: 2446423

Ion Ratio Lower Upper

99 100

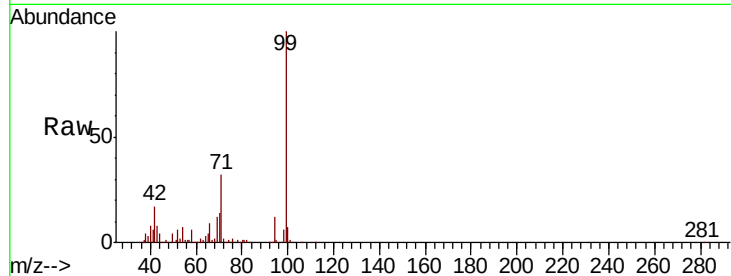
42 16.8 13.5 20.3

71 31.9 24.6 37.0

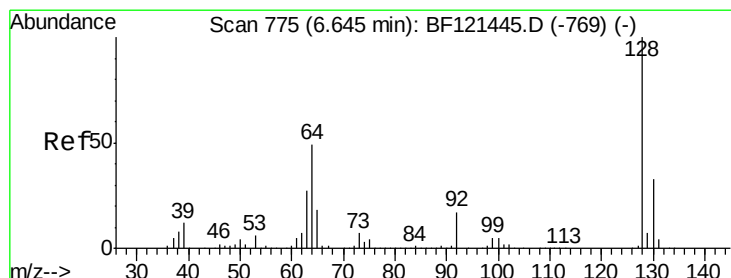
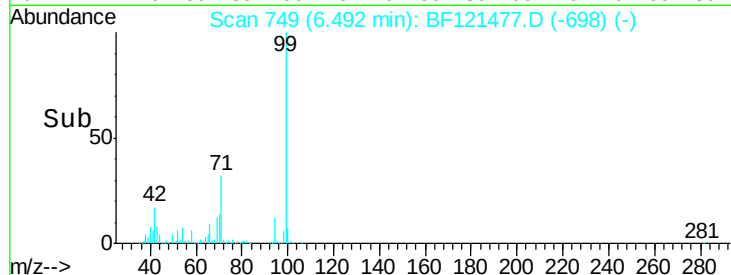
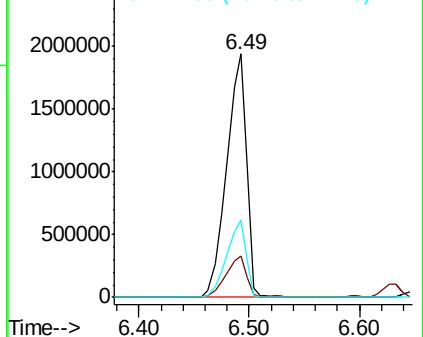
Manual Integrations  
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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.269 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

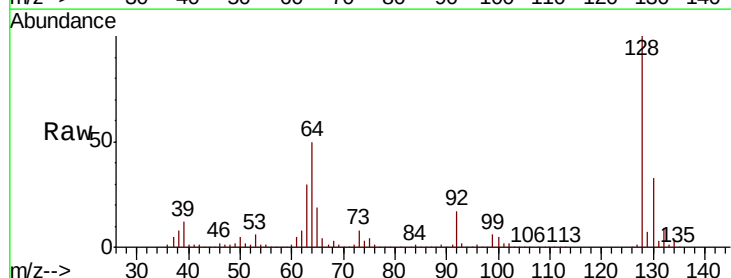
Tgt Ion: 128 Resp: 774356

Ion Ratio Lower Upper

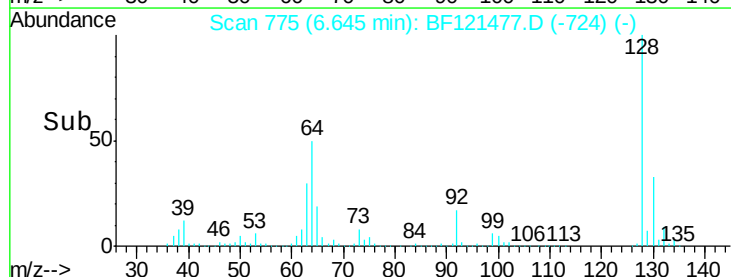
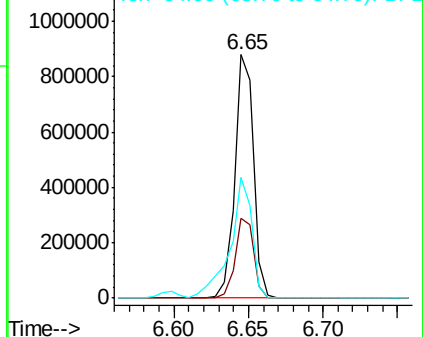
128 100

130 32.8 12.6 52.6

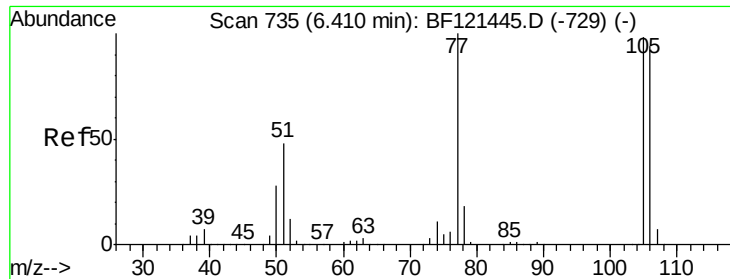
64 49.8 29.5 69.5



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







#9

Benzaldehyde

Concen: 36.822 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

Instrument :

BNA\_F

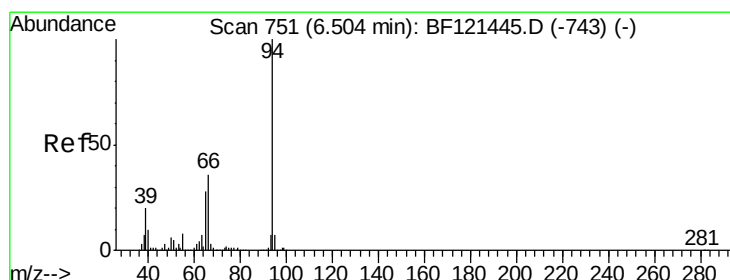
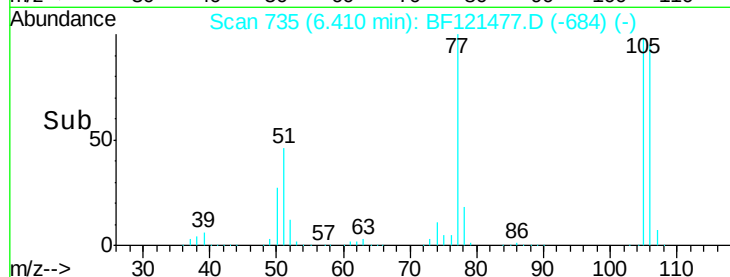
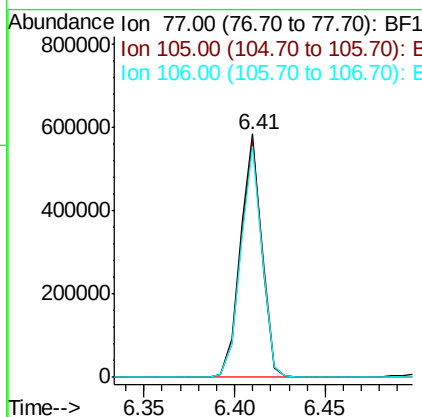
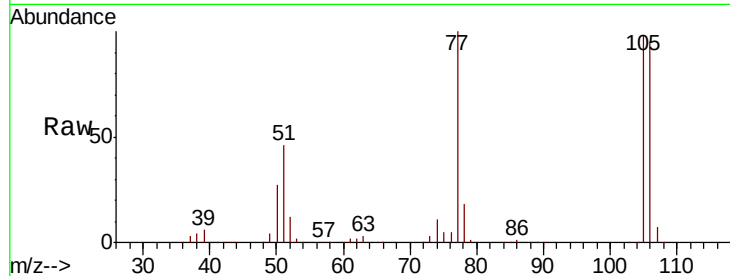
ClientSampleId :

PB131291BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 472880 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 97.6  | 78.1  | 118.1  |
| 106      | 94.8  | 74.3  | 114.3  |

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#10

Phenol

Concen: 40.753 ng

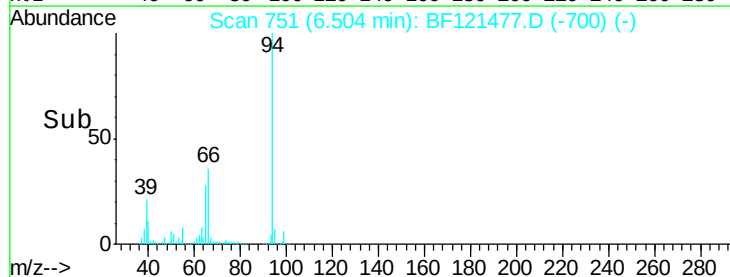
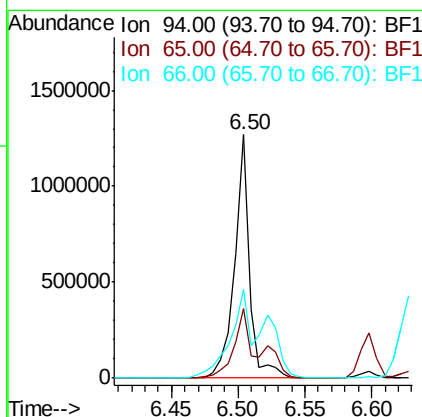
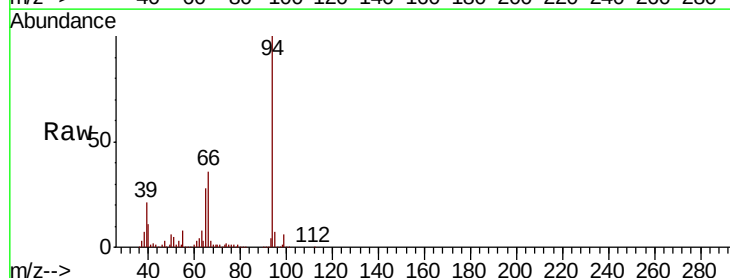
RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

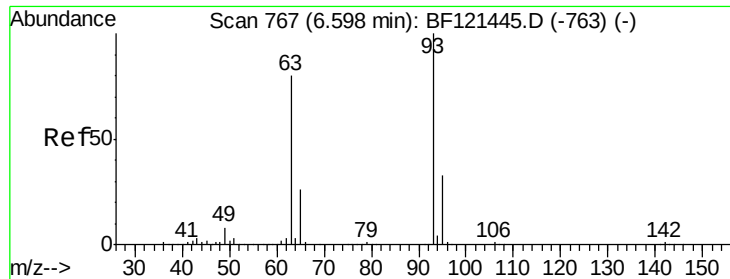
Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 94    | Resp: | 1005615 |
| Ion      | Ratio | Lower | Upper   |
| 94       | 100   |       |         |
| 65       | 28.4  | 7.9   | 47.9    |
| 66       | 36.5  | 16.0  | 56.0    |







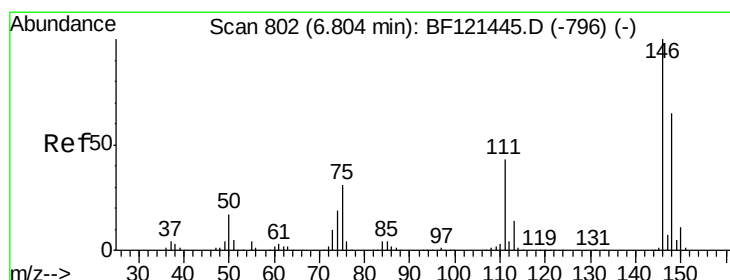
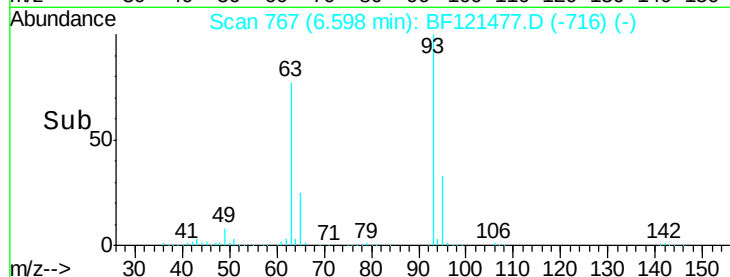
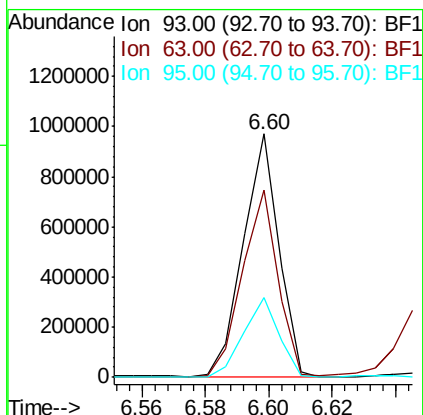
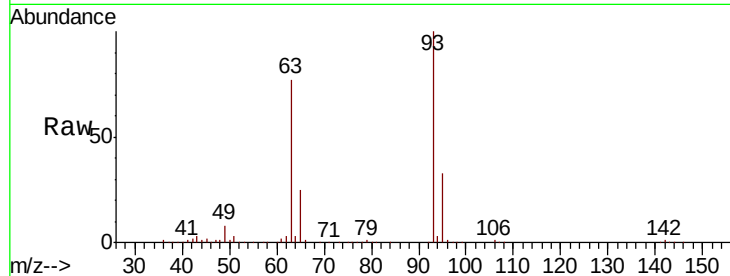
#11  
bis(2-Chloroethyl)ether  
Concen: 37.659 ng  
RT: 6.60 min Scan# 767  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 77.0  | 59.3  | 99.3  |
| 95      | 33.0  | 13.0  | 53.0  |

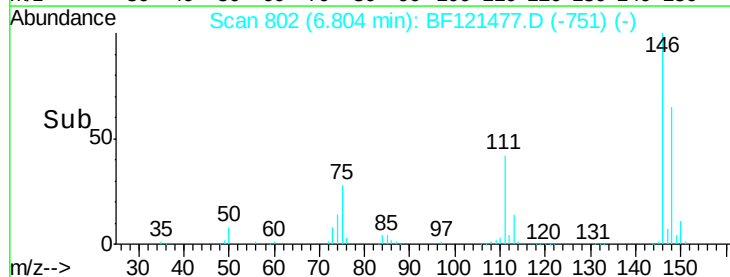
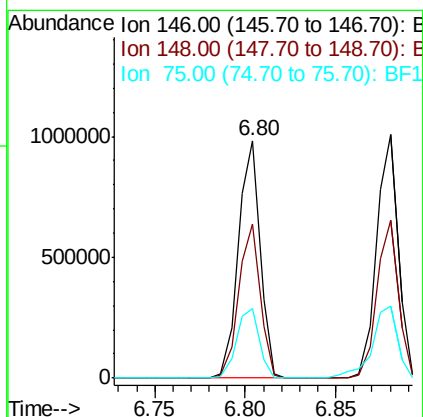
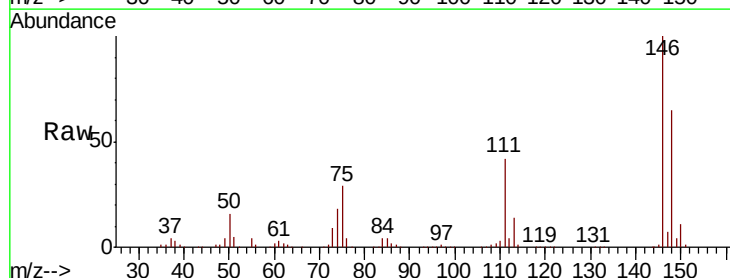
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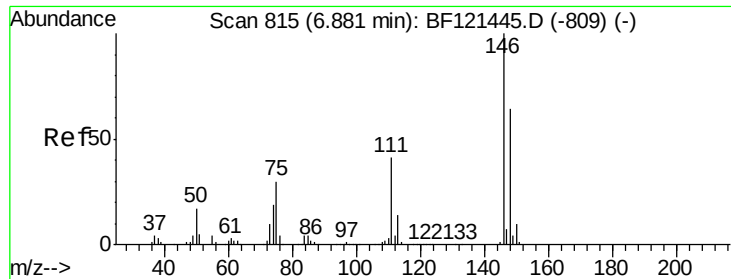
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#12  
1,3-Dichlorobenzene  
Concen: 37.126 ng  
RT: 6.80 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 52.1  | 78.1  |
| 75      | 29.2  | 24.9  | 37.3  |





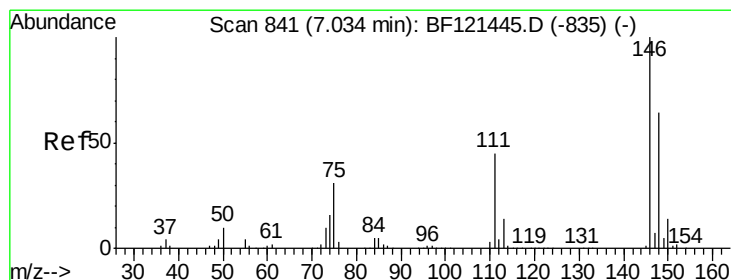
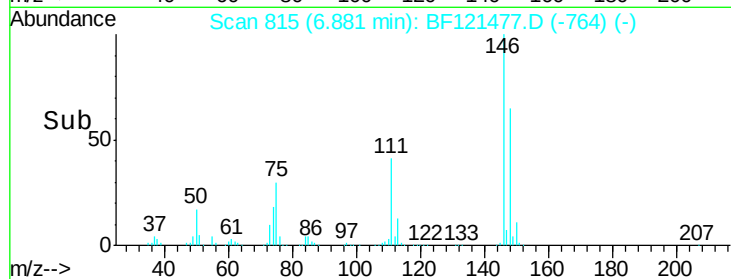
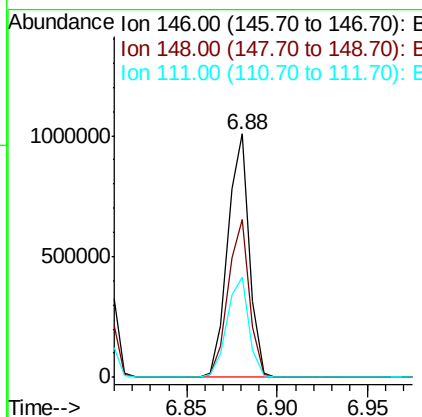
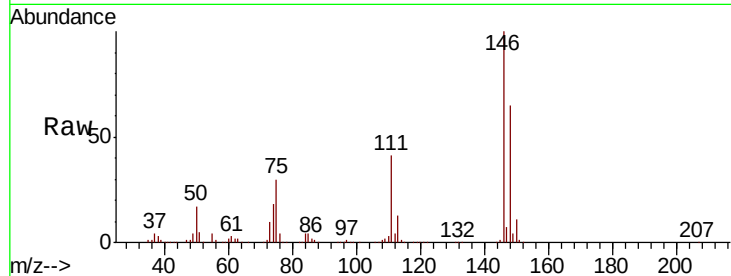
#13  
 1,4-Dichlorobenzene  
 Concen: 37.622 ng  
 RT: 6.88 min Scan# 815  
 Delta R.T. -0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 51.2  | 76.8  |
| 111     | 41.1  | 33.0  | 49.6  |

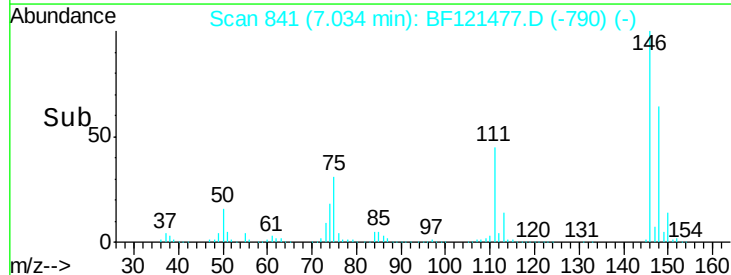
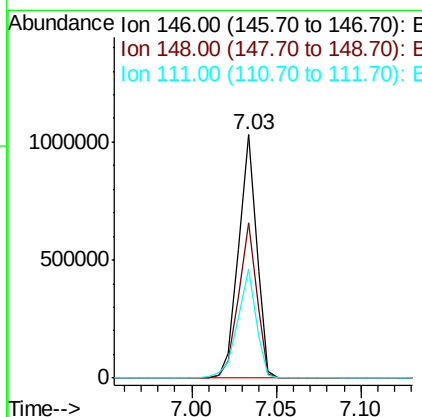
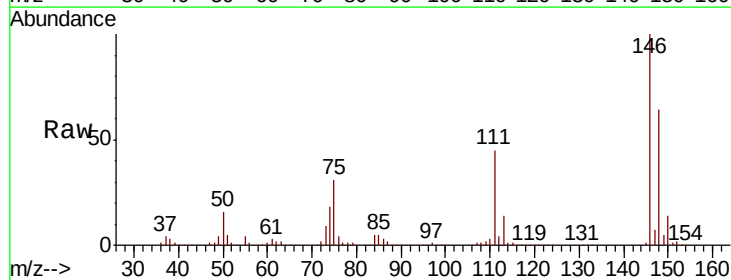
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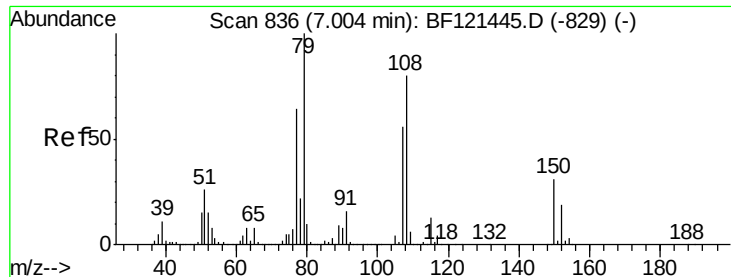
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#14  
 1,2-Dichlorobenzene  
 Concen: 37.348 ng  
 RT: 7.03 min Scan# 841  
 Delta R.T. -0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 51.1  | 76.7  |
| 111     | 44.6  | 36.2  | 54.2  |





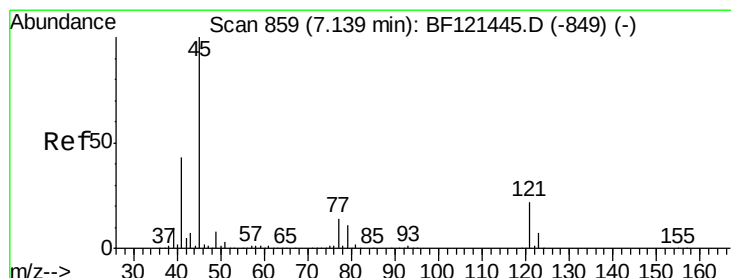
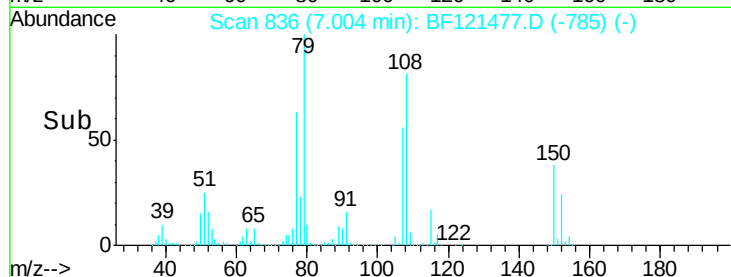
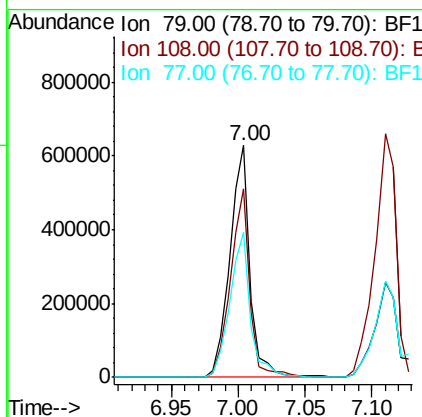
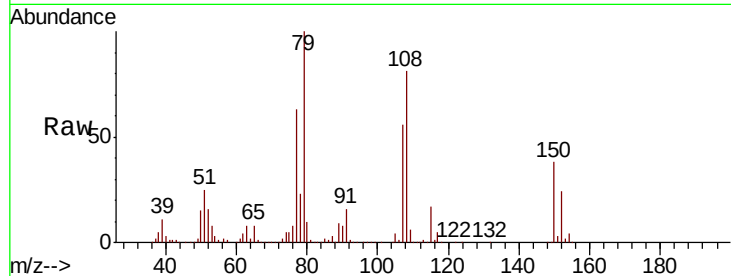
#15  
Benzyl Alcohol  
Concen: 40.250 ng  
RT: 7.00 min Scan# 836  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 81.5  | 64.0  | 96.0  |
| 77      | 62.6  | 50.8  | 76.2  |

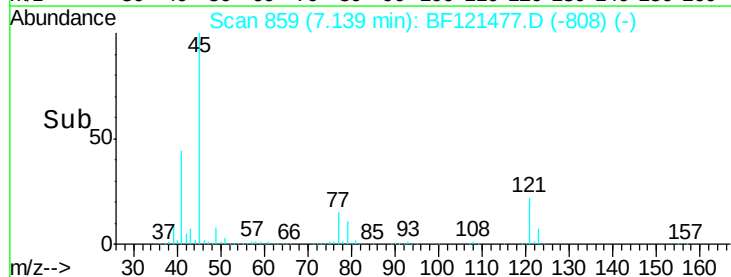
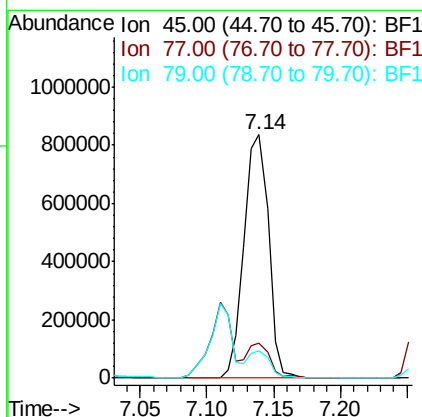
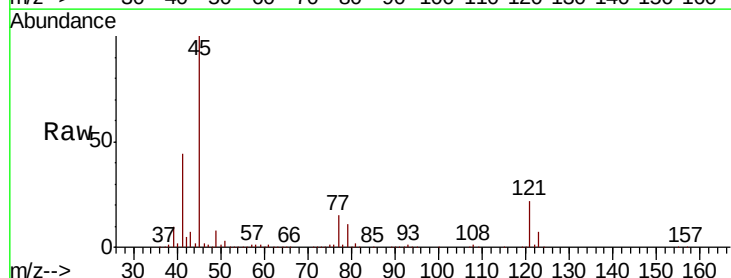
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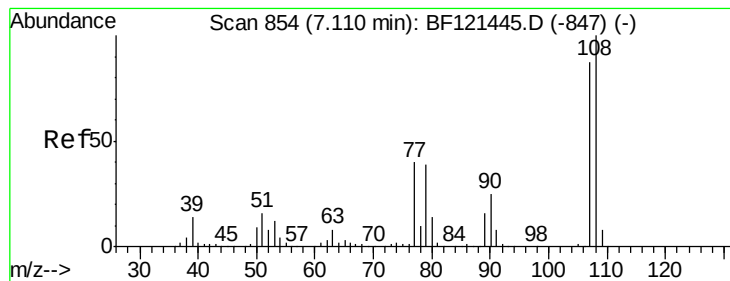
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 35.662 ng  
RT: 7.14 min Scan# 859  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.6  | 0.0   | 33.8  |
| 79      | 11.4  | 0.0   | 31.1  |





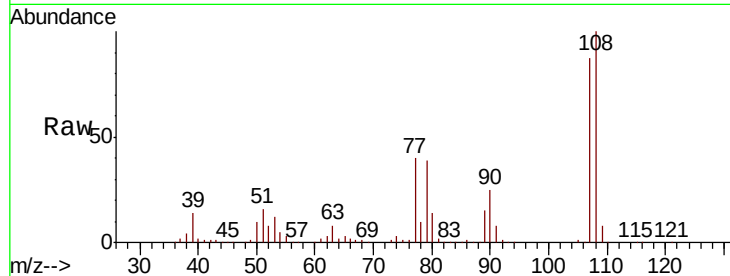
#17  
2-Methylphenol  
Concen: 39.839 ng  
RT: 7.11 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

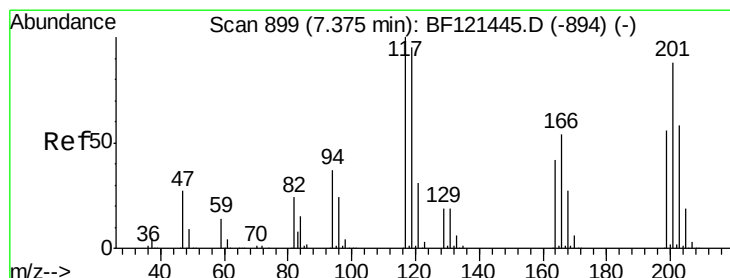
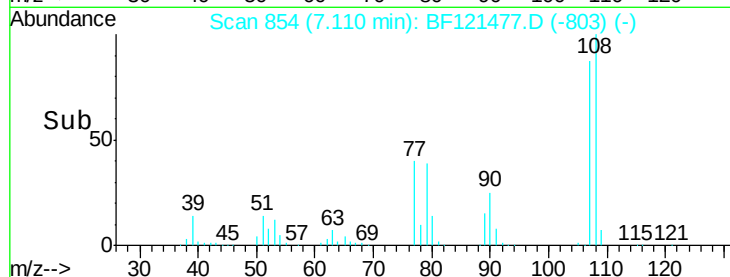
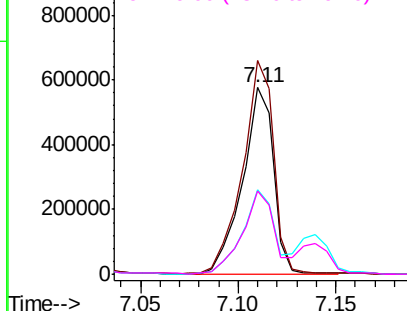
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.4 | 91.7  | 137.5 |
| 77      | 45.2  | 36.4  | 54.6  |
| 79      | 44.6  | 35.5  | 53.3  |

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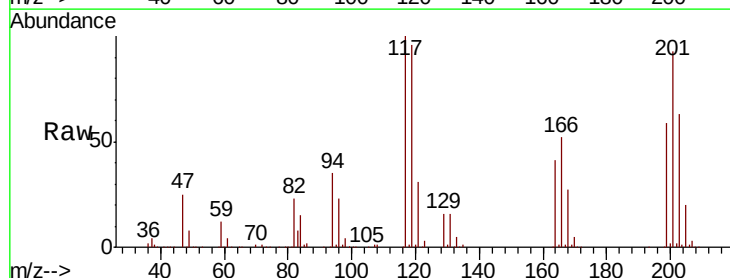


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

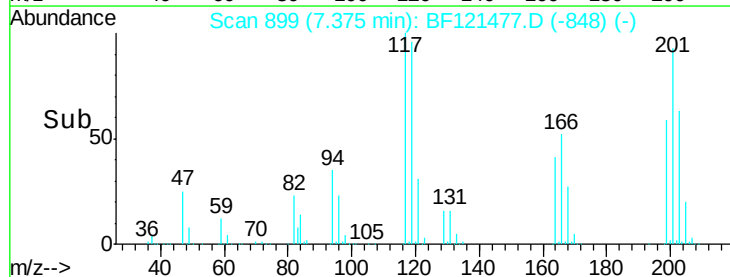
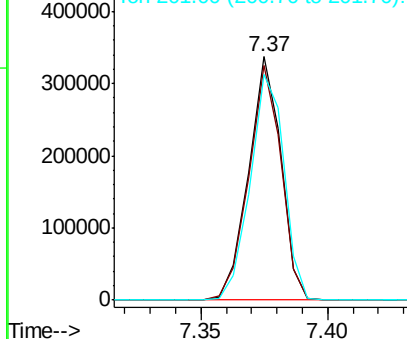


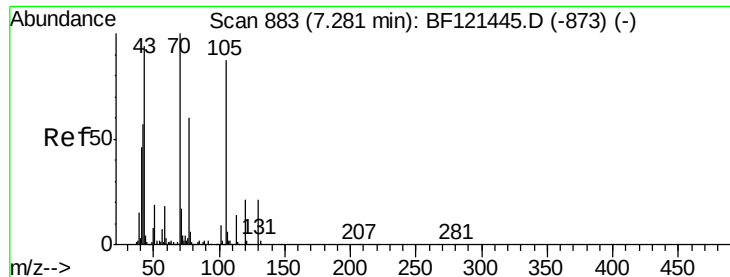
#18  
Hexachloroethane  
Concen: 39.711 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.1  | 75.8  | 113.8 |
| 201     | 92.8  | 70.4  | 105.6 |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





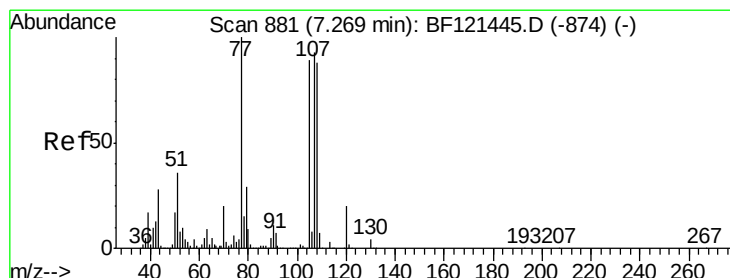
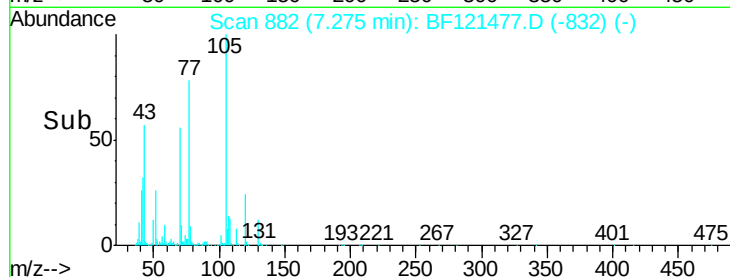
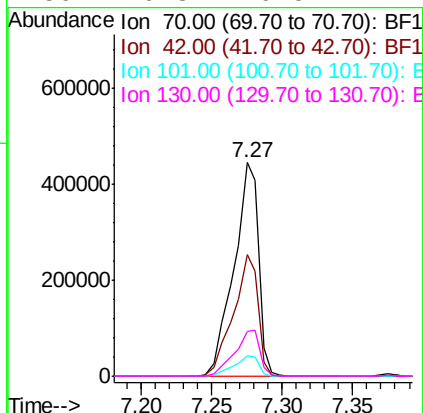
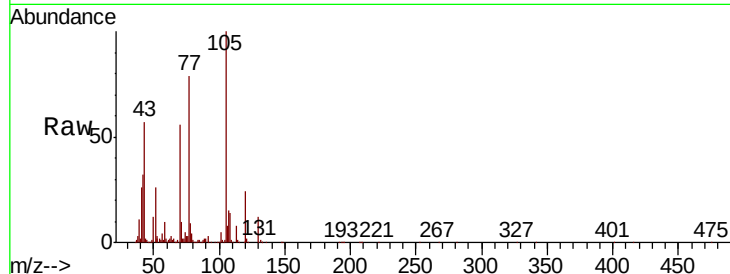
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.232 ng  
RT: 7.27 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 538944 |       |       |
| 42      | 57.1 | 45.8  | 68.6   |       |       |
| 101     | 9.5  | 7.5   | 11.3   |       |       |
| 130     | 20.8 | 16.5  | 24.7   |       |       |

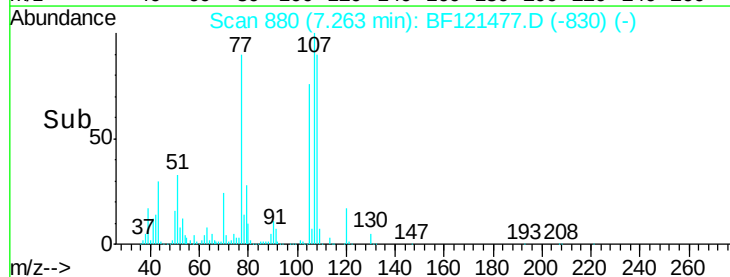
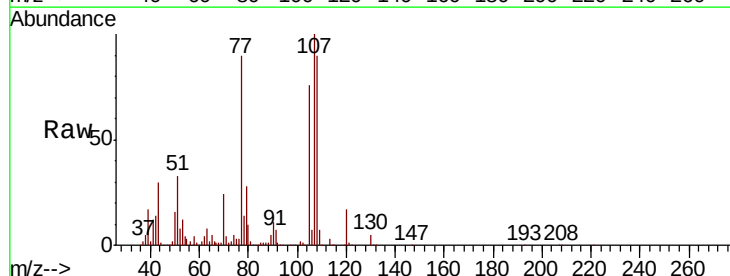
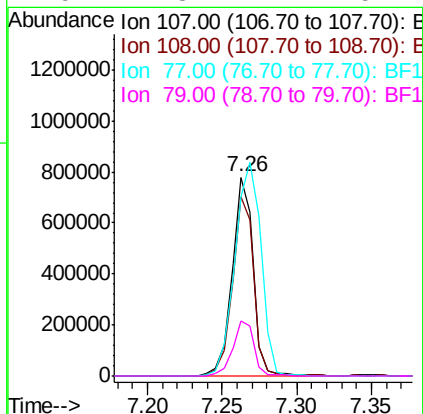
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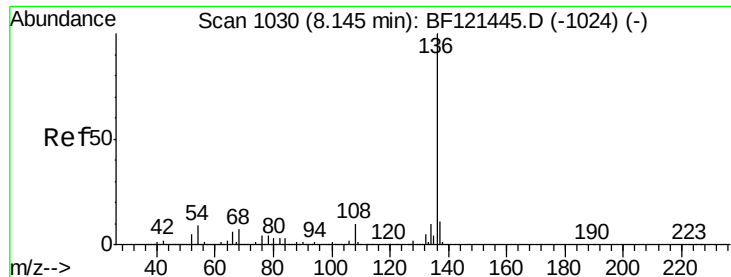
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#20  
3+4-Methylphenols  
Concen: 39.957 ng  
RT: 7.26 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 770715 |       |       |
| 108     | 90.1 | 75.0  | 115.0  |       |       |
| 77      | 90.2 | 87.5  | 127.5  |       |       |
| 79      | 27.8 | 11.1  | 51.1   |       |       |





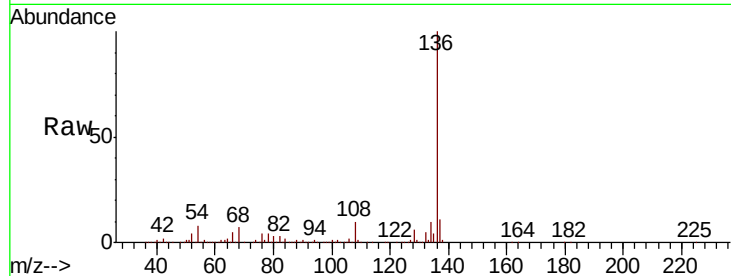
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.15 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.2  | 9.1   | 13.7  |
| 54      | 8.3   | 7.0   | 10.4  |
| 68      | 6.6   | 5.5   | 8.3   |

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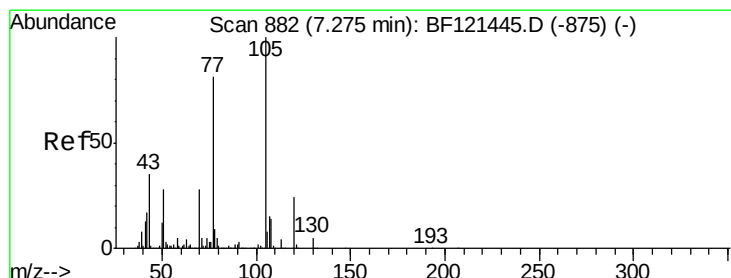
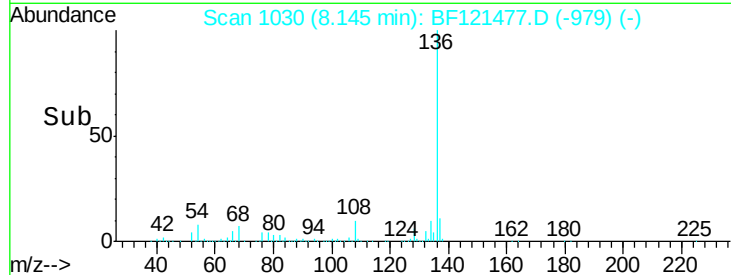
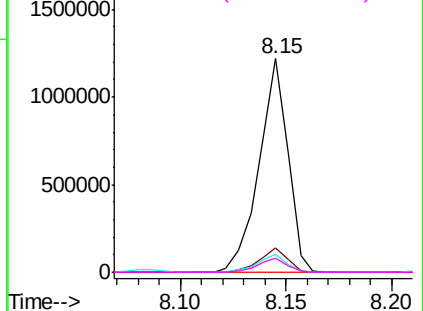
Abundance

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: 36.168 ng  
RT: 7.27 min Scan# 881  
Delta R.T. -0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 5.5   | 3.8   | 5.6   |
| 51      | 35.1  | 22.6  | 33.8  |
| 120     | 22.4  | 18.9  | 28.3  |

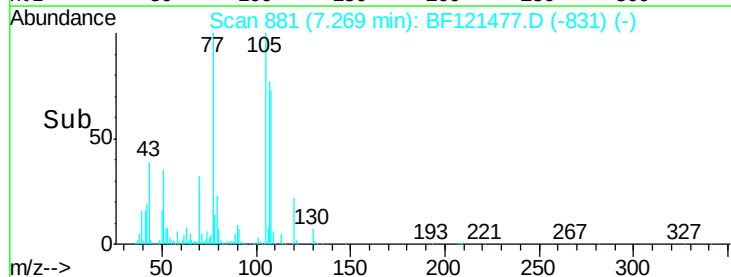
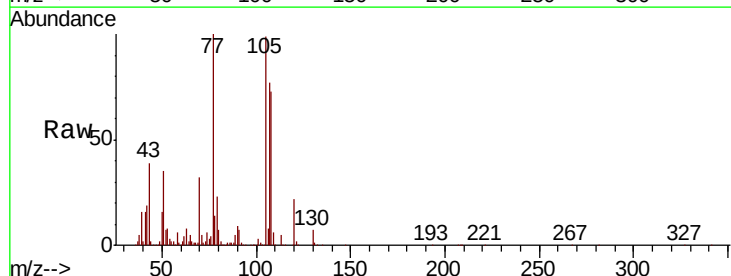
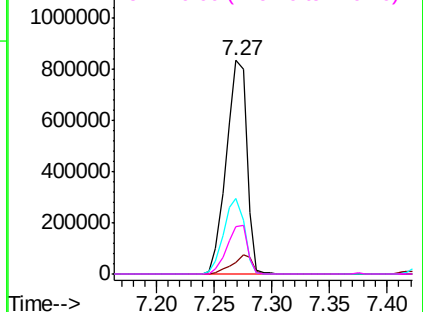
Abundance

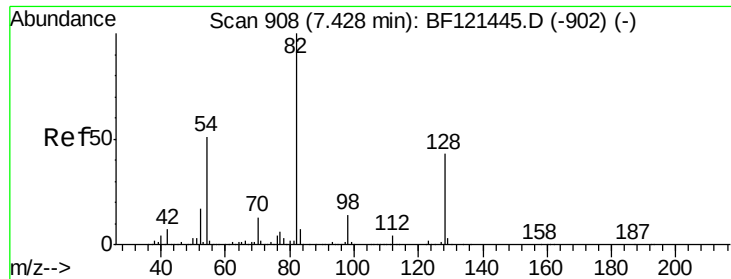
Ion 105.00 (104.70 to 105.70): E

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





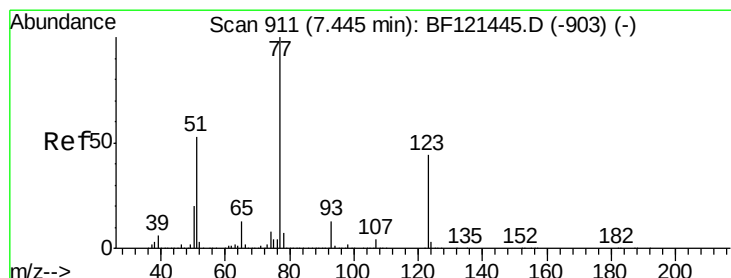
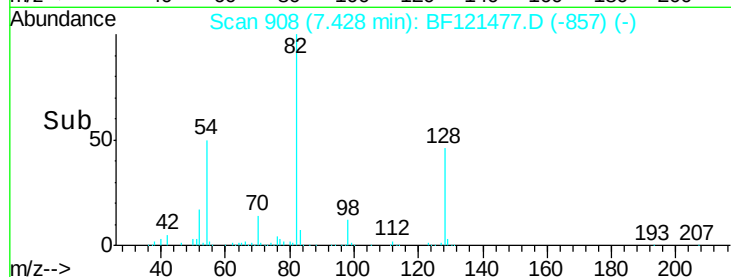
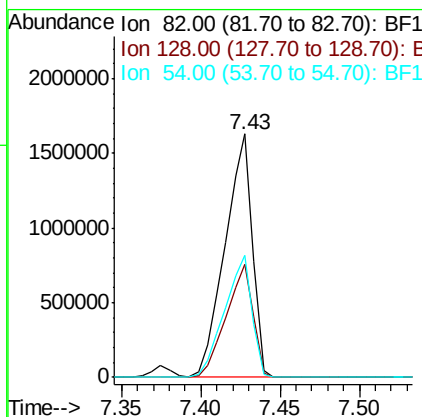
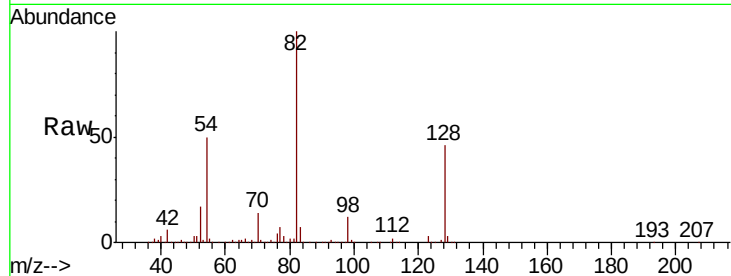
#23  
Nitrobenzene-d5  
Concen: 115.093 ng  
RT: 7.43 min Scan# 908  
Delta R.T. 0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.3  | 34.1  | 51.1  |
| 54      | 50.1  | 41.0  | 61.6  |

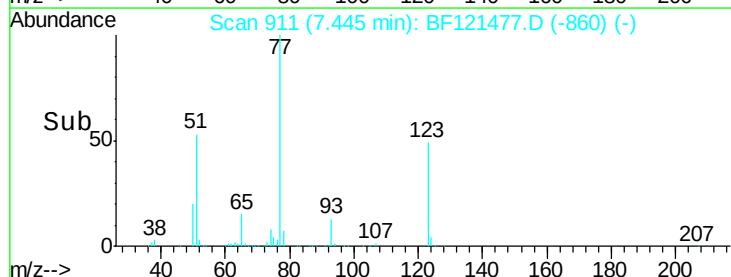
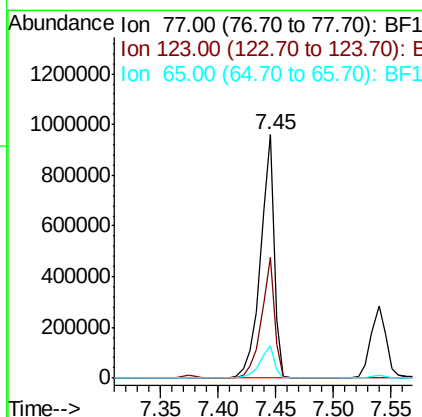
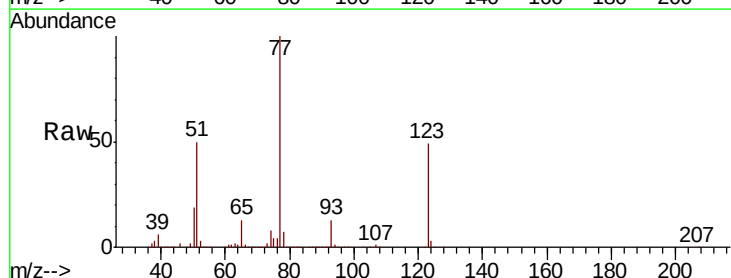
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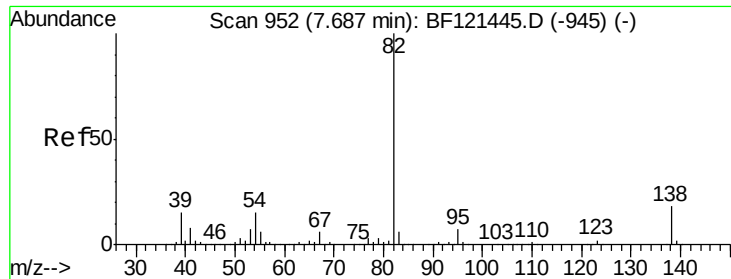


#24  
Nitrobenzene  
Concen: 47.548 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.5  | 35.5  | 53.3  |
| 65      | 13.5  | 10.6  | 16.0  |







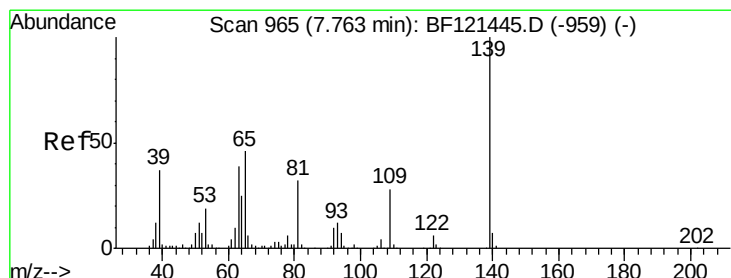
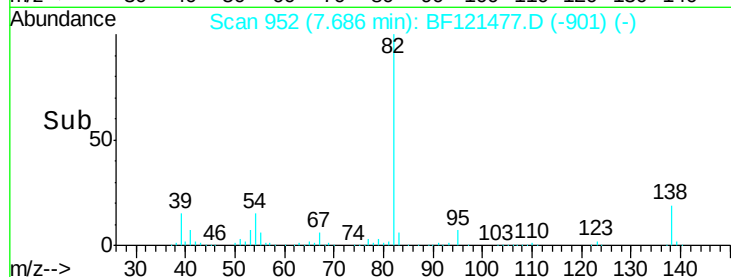
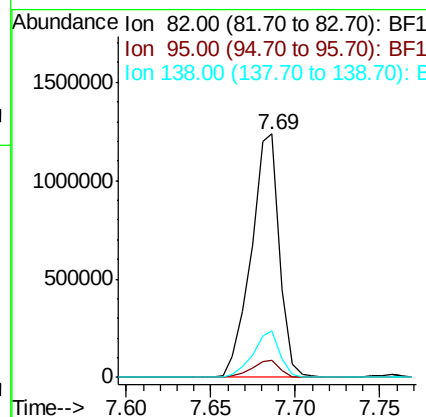
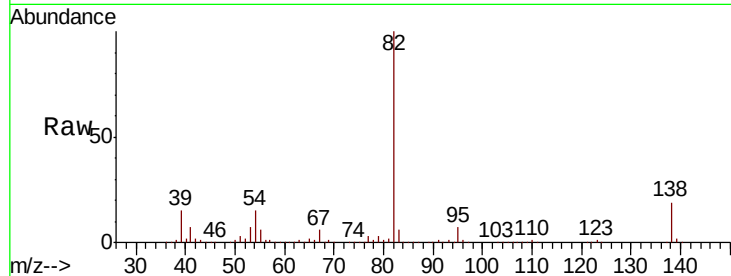
#25  
Isophorone  
Concen: 38.218 ng  
RT: 7.69 min Scan# 952  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.0   | 5.6   | 8.4   |
| 138     | 19.3  | 14.8  | 22.2  |

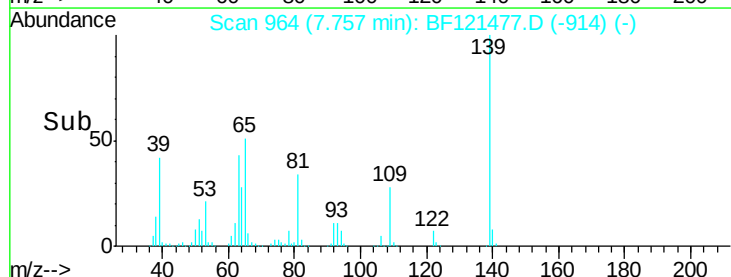
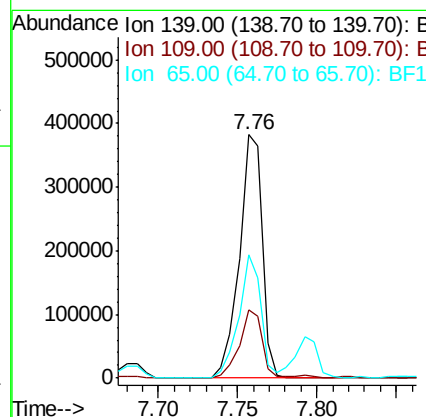
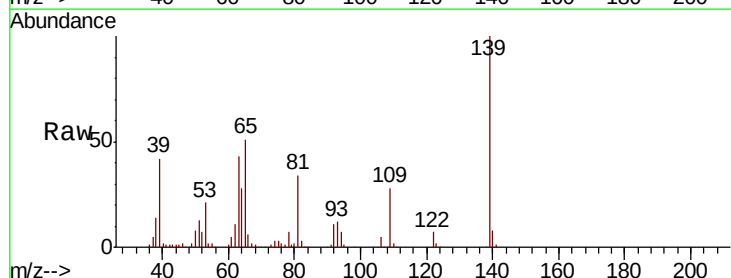
Manual Integrations  
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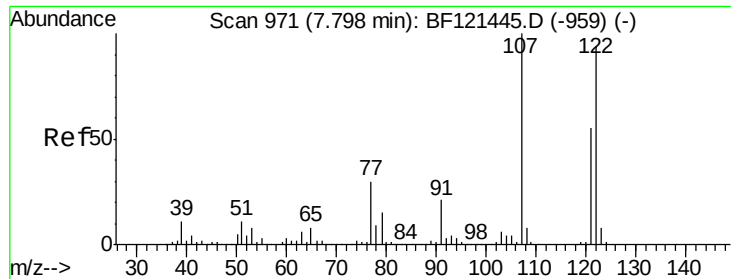
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#26  
2-Nitrophenol  
Concen: 52.263 ng  
RT: 7.76 min Scan# 964  
Delta R.T. -0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 27.9  | 22.1  | 33.1  |
| 65      | 50.8  | 37.2  | 55.8  |





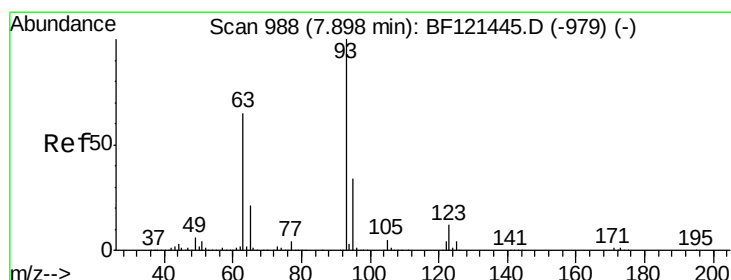
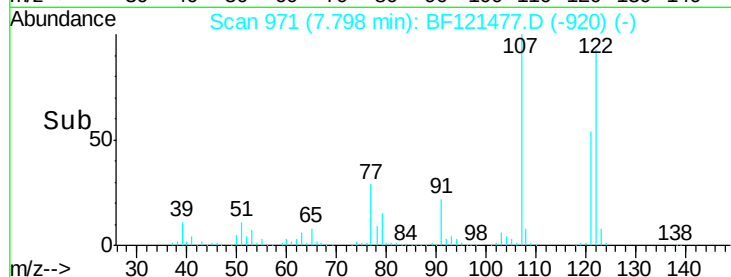
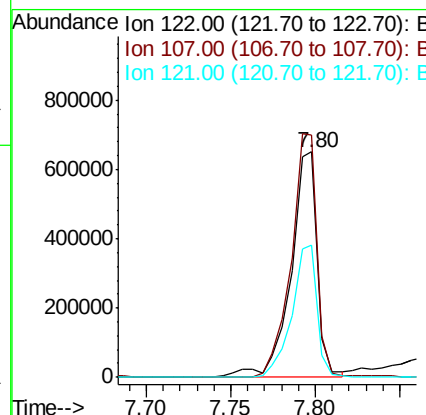
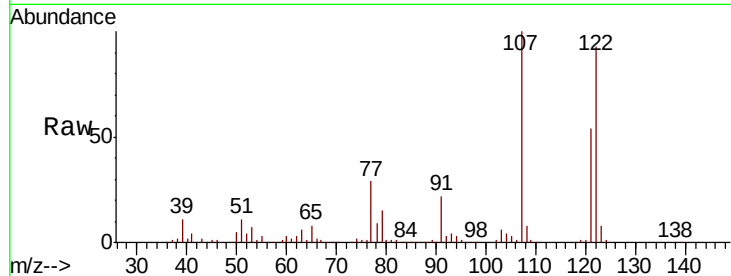
#27  
2,4-Dimethylphenol  
Concen: 45.326 ng  
RT: 7.80 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 107.5 | 84.9  | 127.3 |
| 121     | 58.5  | 46.4  | 69.6  |

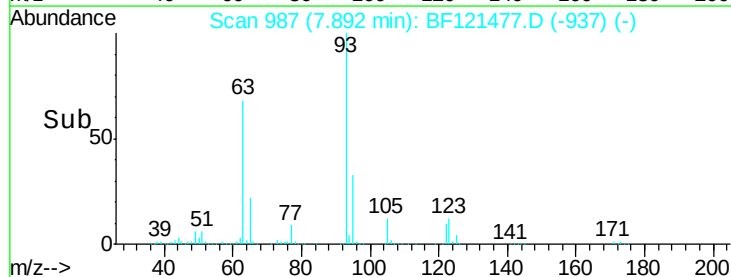
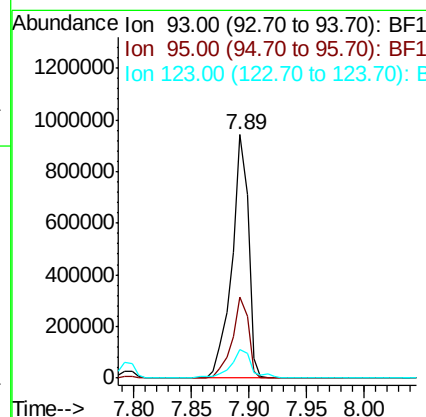
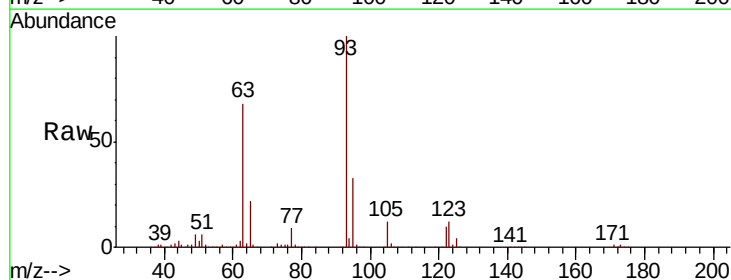
Manual Integrations  
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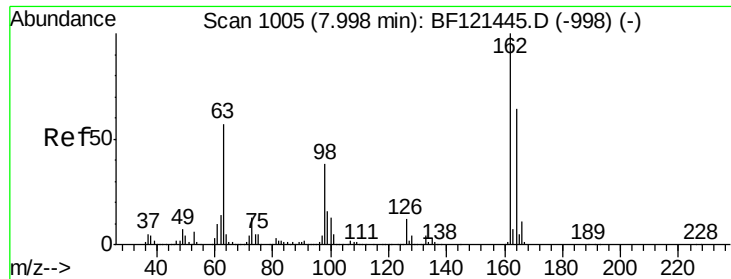
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 35.957 ng  
RT: 7.89 min Scan# 987  
Delta R.T. -0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 26.8  | 40.2  |
| 123     | 11.8  | 9.6   | 14.4  |





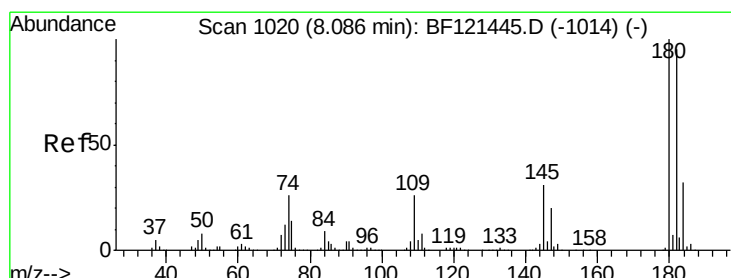
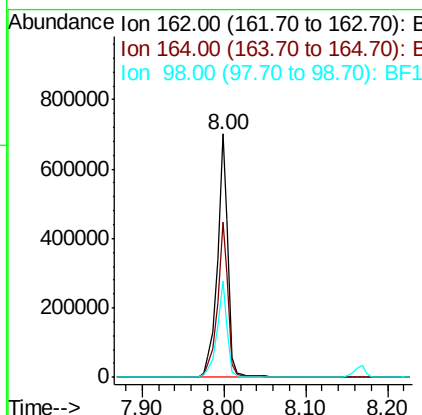
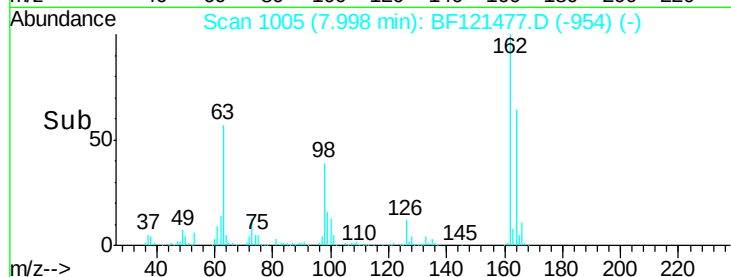
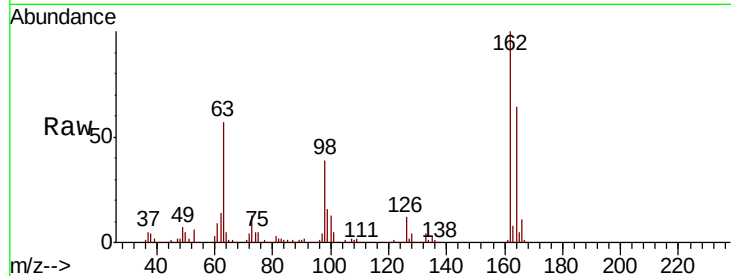
#29  
 2,4-Dichlorophenol  
 Concen: 41.216 ng  
 RT: 8.00 min Scan# 1005  
 Delta R.T. -0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131291BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 641243 |       |       |
| 164     | 63.8  | 44.0   | 84.0  |       |
| 98      | 39.4  | 18.4   | 58.4  |       |

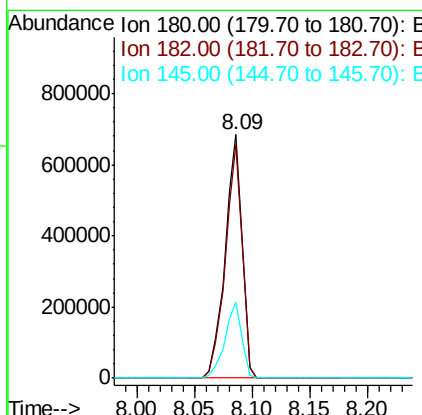
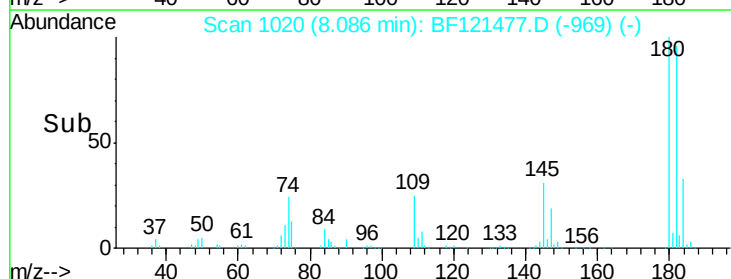
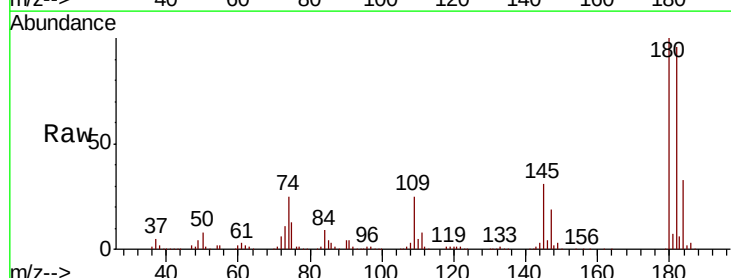
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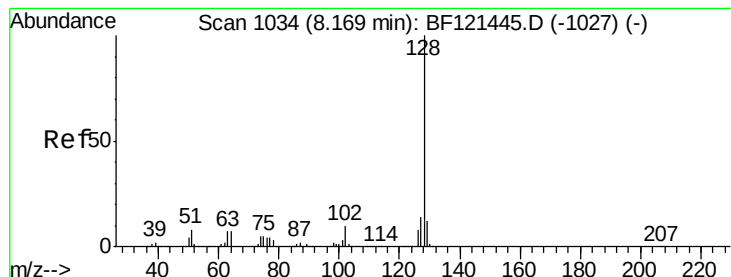
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.137 ng  
 RT: 8.09 min Scan# 1020  
 Delta R.T. -0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 688739 |       |       |
| 182     | 96.0  | 76.2   | 114.4 |       |
| 145     | 31.1  | 25.2   | 37.8  |       |





#31

Naphthalene

Concen: 37.820 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

Instrument :

BNA\_F

ClientSampleId :

PB131291BS

Tot Ion:128 Resp: 2168186

Ion Ratio Lower Upper

128 100

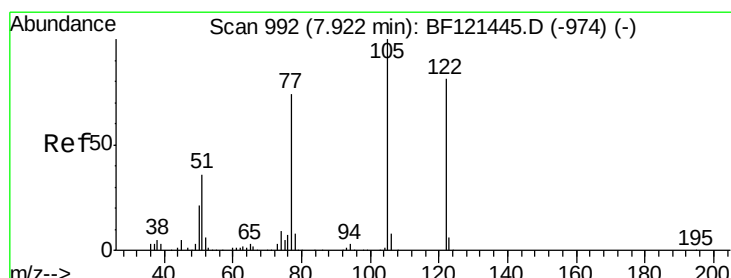
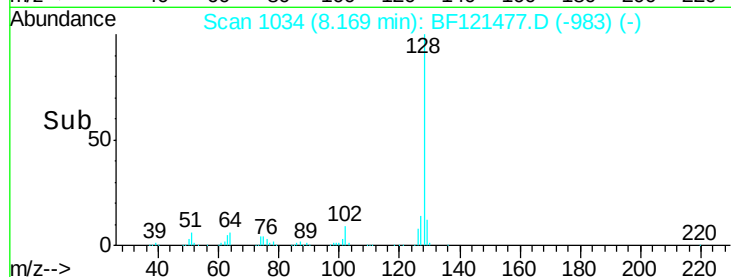
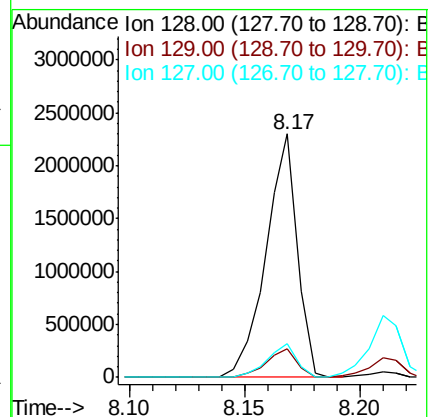
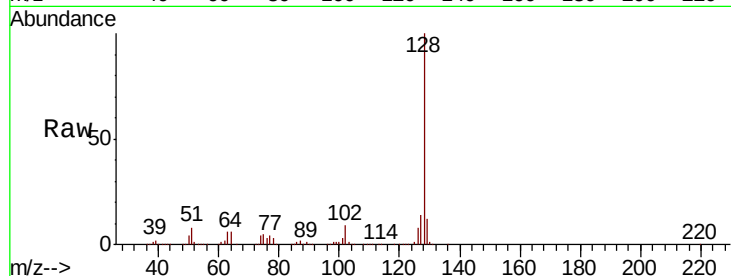
129 11.8 9.6 14.4

127 13.9 11.4 17.2

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#32

Benzoic acid

Concen: 47.699 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

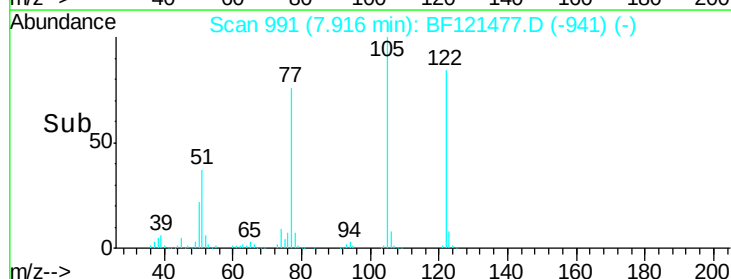
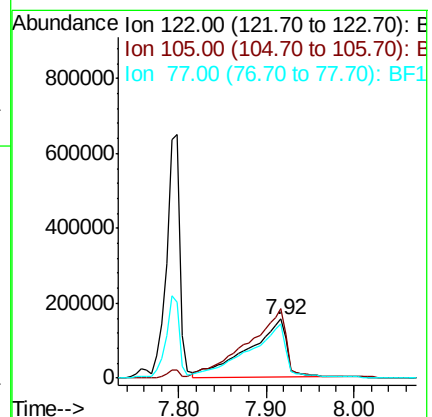
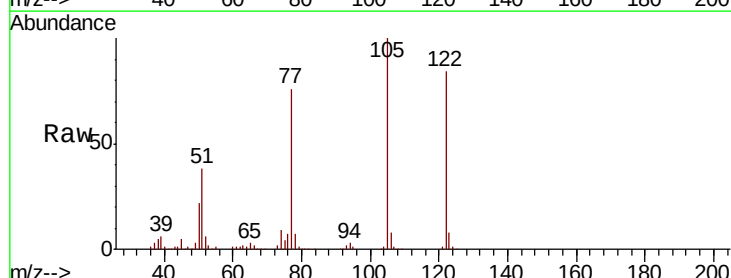
Tgt Ion:122 Resp: 467493

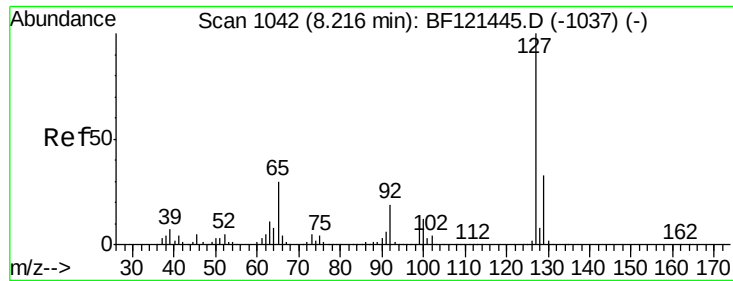
Ion Ratio Lower Upper

122 100

105 119.1 100.8 140.8

77 91.0 71.5 111.5





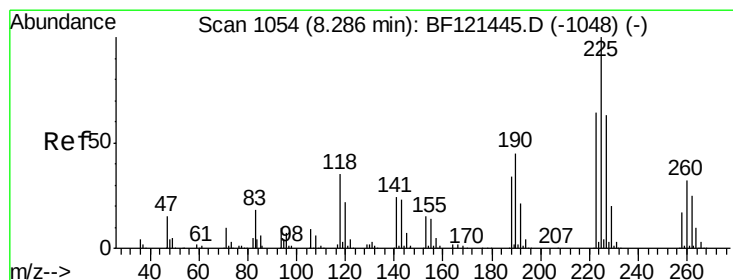
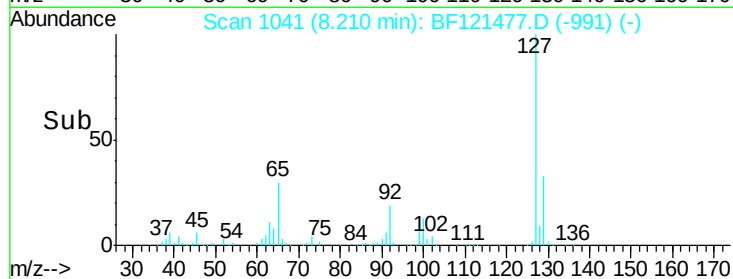
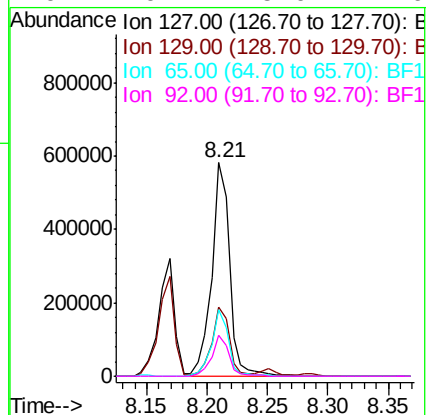
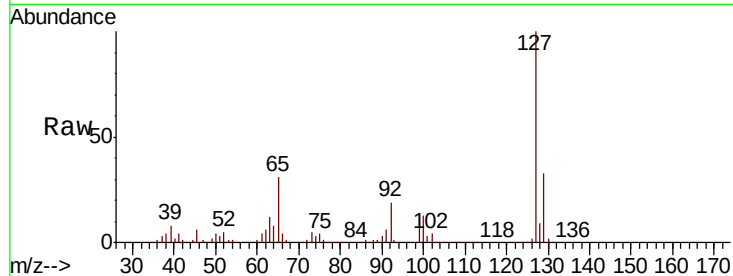
#33  
4-Chloroaniline  
Concen: 23.291 ng  
RT: 8.21 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 594708 |       |       |
| 129     | 32.5 | 26.1  | 39.1   |       |       |
| 65      | 31.4 | 23.7  | 35.5   |       |       |
| 92      | 19.2 | 15.0  | 22.6   |       |       |

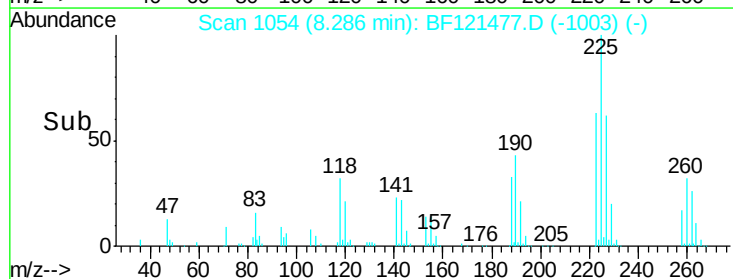
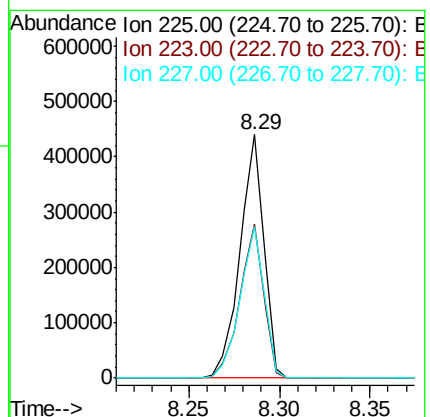
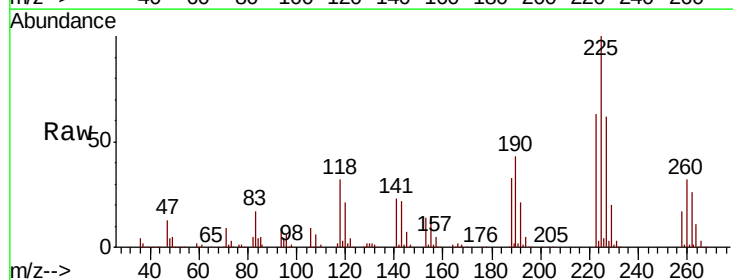
Manual Integrations  
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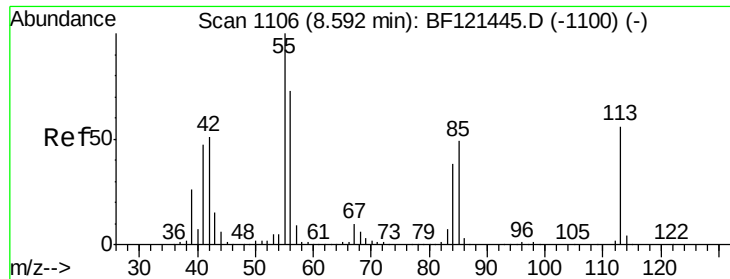
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#34  
Hexachlorobutadiene  
Concen: 35.525 ng  
RT: 8.29 min Scan# 1054  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 402644 |       |       |
| 223     | 63.4 | 51.0  | 76.4   |       |       |
| 227     | 62.5 | 50.0  | 75.0   |       |       |





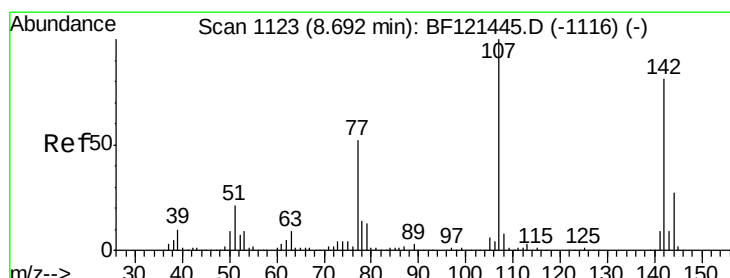
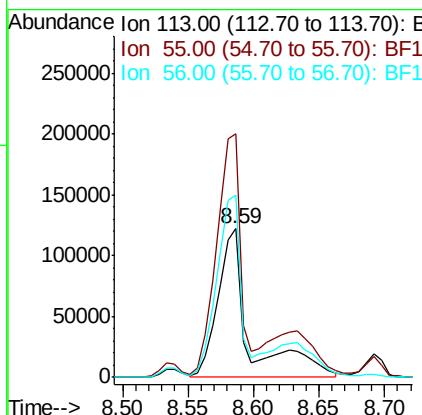
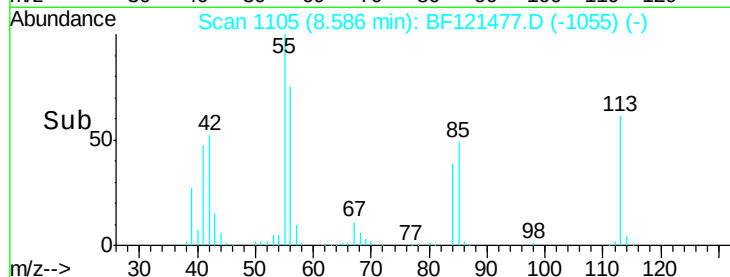
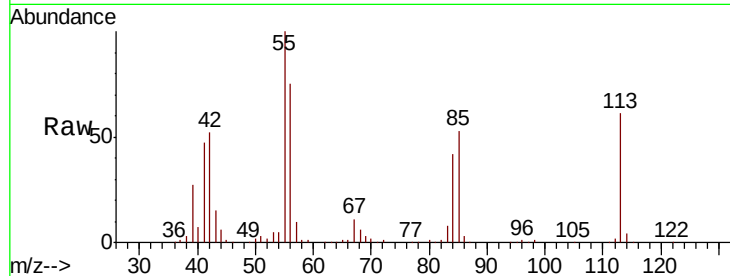
#35  
Caprolactam  
Concen: 40.139 ng/ml  
RT: 8.59 min Scan# 1105  
Delta R.T. -0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleID :  
PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 163.9 | 159.9 | 199.9 |
| 56      | 122.6 | 111.4 | 151.4 |

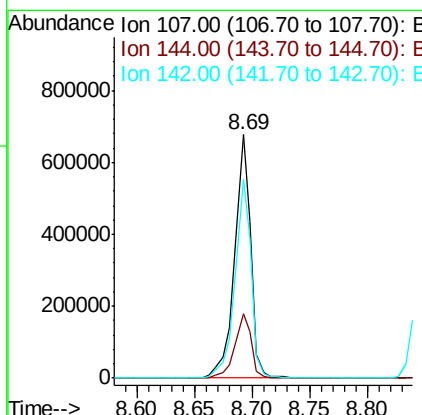
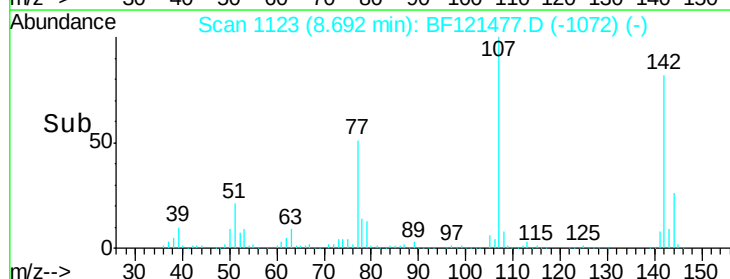
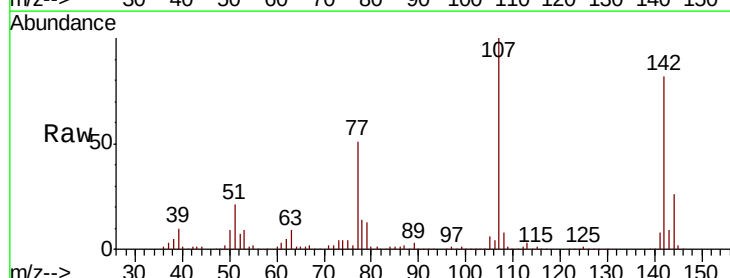
Manual Integrations  
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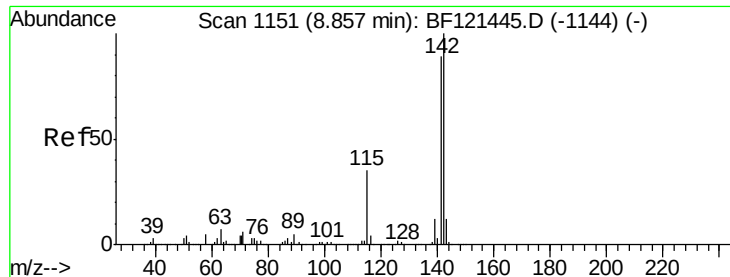
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#36  
4-Chloro-3-methylphenol  
Concen: 39.701 ng/ml  
RT: 8.69 min Scan# 1123  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.3  | 21.4  | 32.2  |
| 142     | 81.6  | 65.0  | 97.4  |





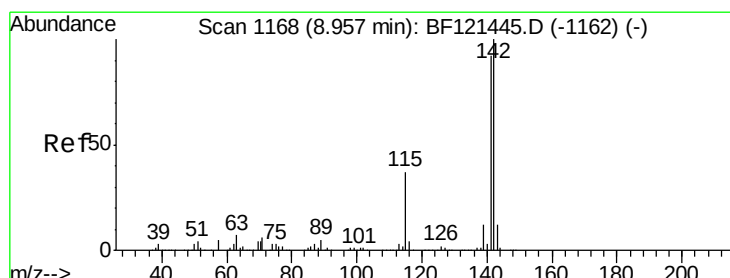
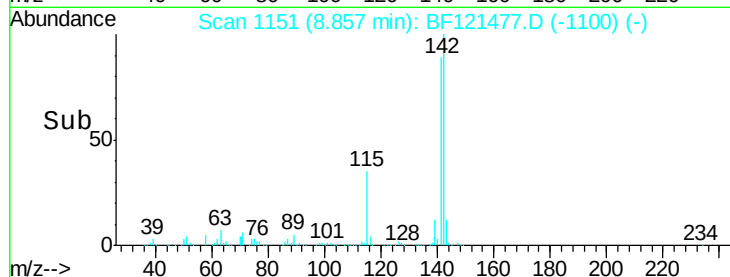
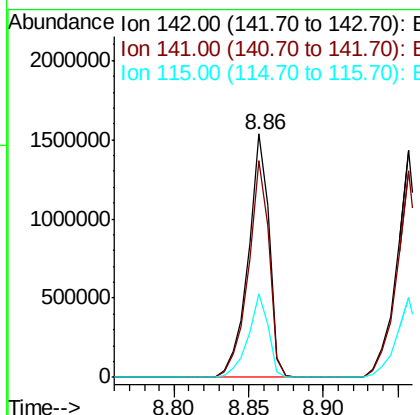
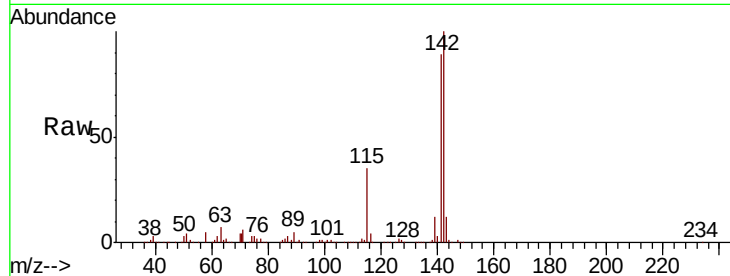
#37  
 2-Methylnaphthalene  
 Concen: 38.764 ng  
 RT: 8.86 min Scan# 1151  
 Delta R.T. -0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.9  | 70.8  | 106.2 |
| 115     | 34.6  | 28.2  | 42.4  |

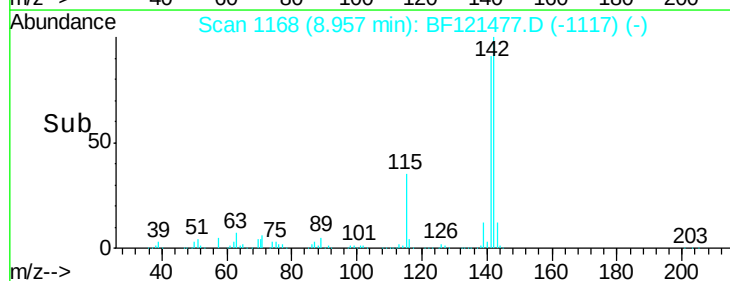
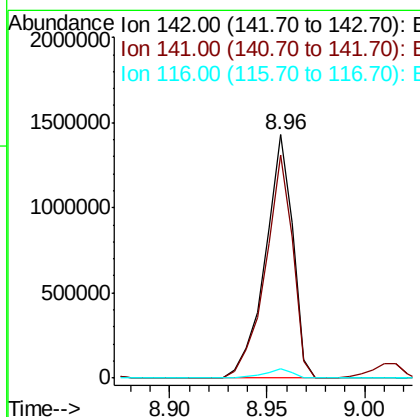
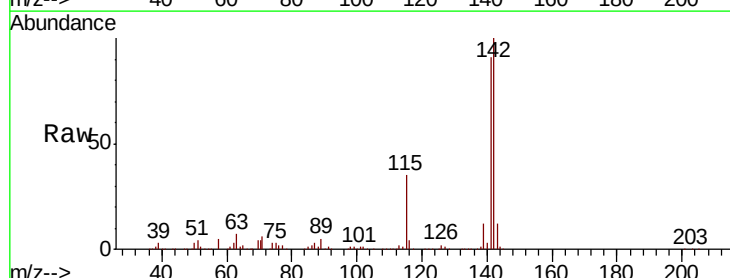
Manual Integrations  
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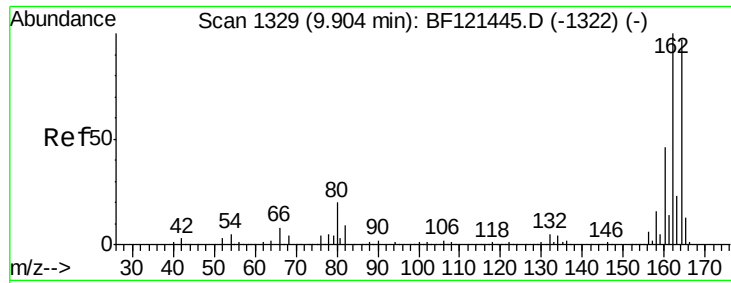
mohammad  
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#38  
 1-Methylnaphthalene  
 Concen: 38.832 ng  
 RT: 8.96 min Scan# 1168  
 Delta R.T. -0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.4  | 73.7  | 110.5 |
| 116     | 3.8   | 3.1   | 4.7   |





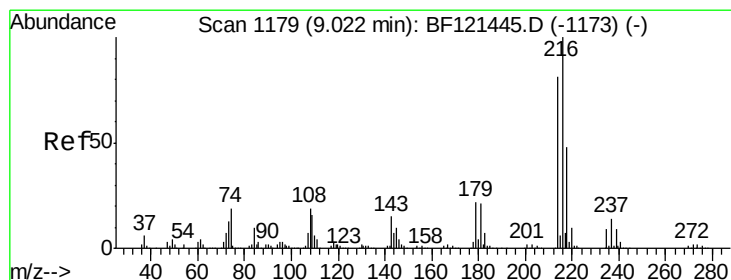
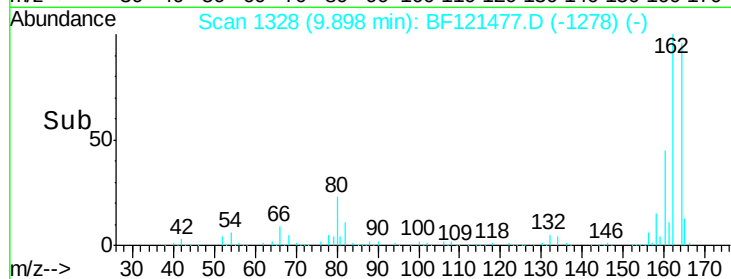
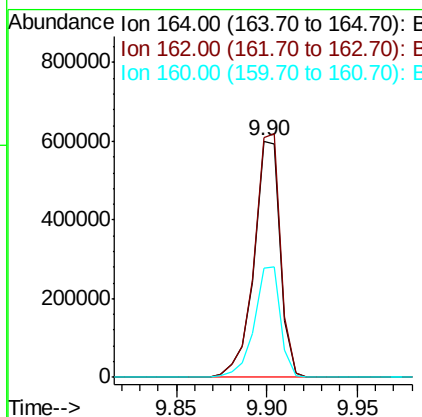
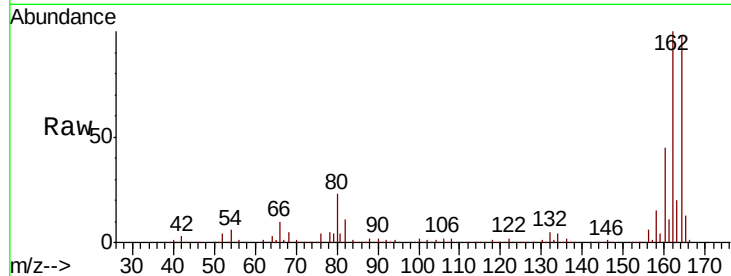
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.90 min Scan# 1328  
Delta R.T. -0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.8 | 82.4  | 123.6 |
| 160     | 46.2  | 37.6  | 56.4  |

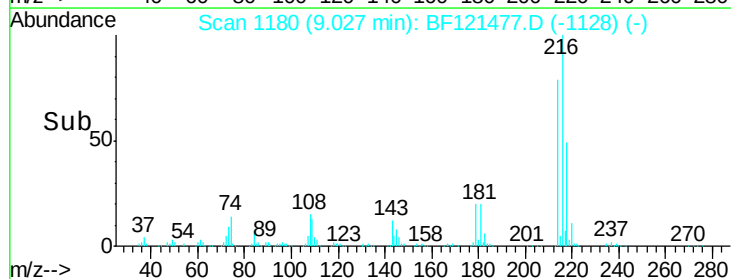
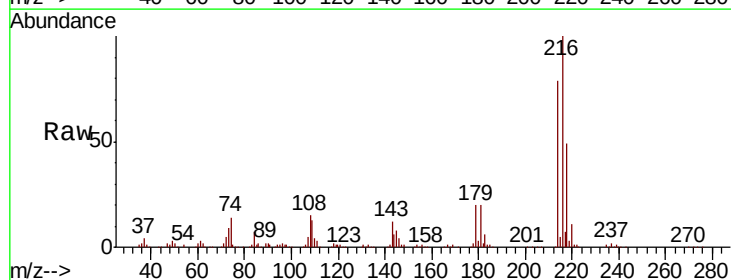
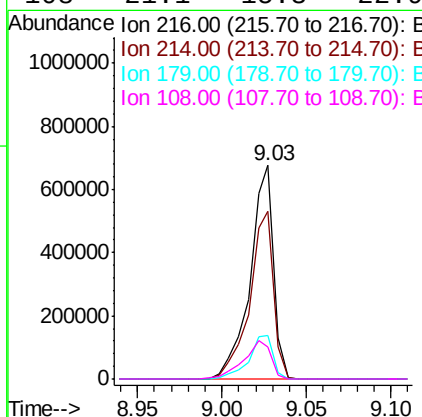
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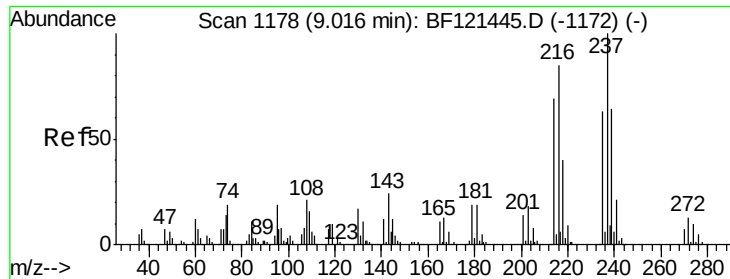


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.869 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. 0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.9  | 64.2  | 96.4  |
| 179     | 21.0  | 17.0  | 25.4  |
| 108     | 21.1  | 15.3  | 22.9  |







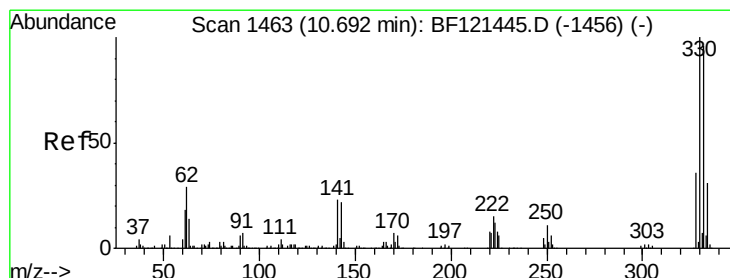
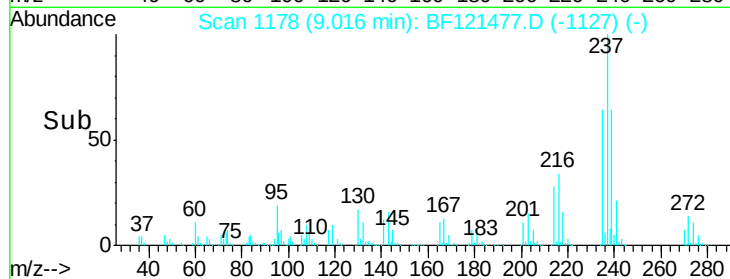
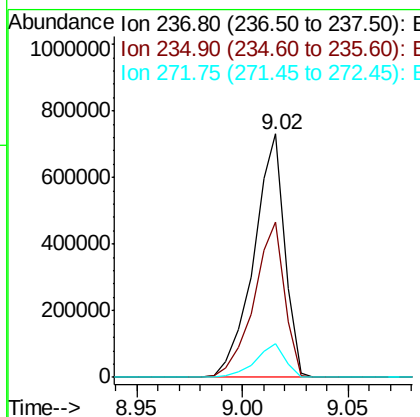
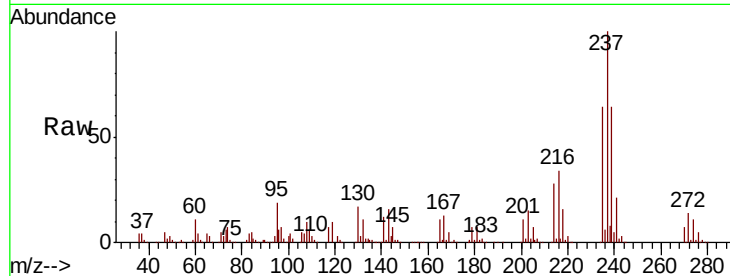
#41  
Hexachlorocyclopentadiene  
Concen: 98.652 ng  
RT: 9.02 min Scan# 1178  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 742363 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.8  | 42.9  | 82.9   |
| 272       | 13.6  | 0.0   | 33.1   |

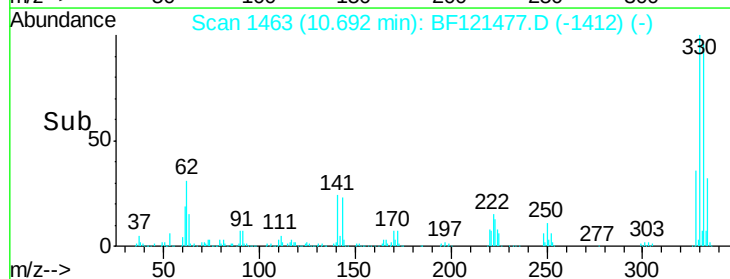
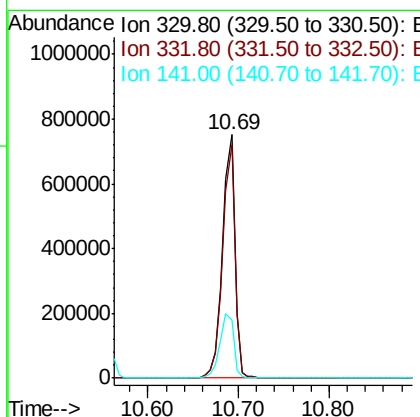
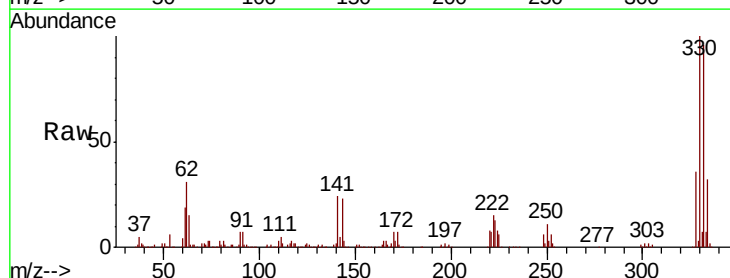
Manual Integrations  
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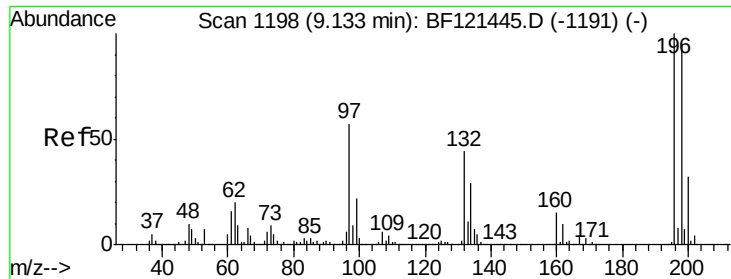
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#42  
2,4,6-Tribromophenol  
Concen: 115.940 ng  
RT: 10.69 min Scan# 1463  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 706923 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.3  | 76.2  | 114.2  |
| 141       | 29.7  | 24.6  | 36.8   |





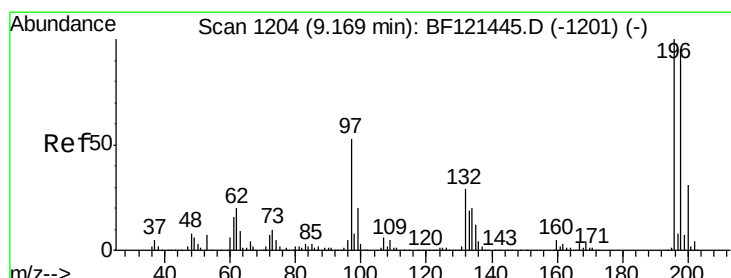
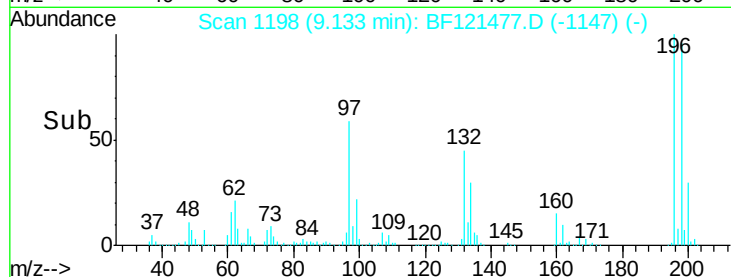
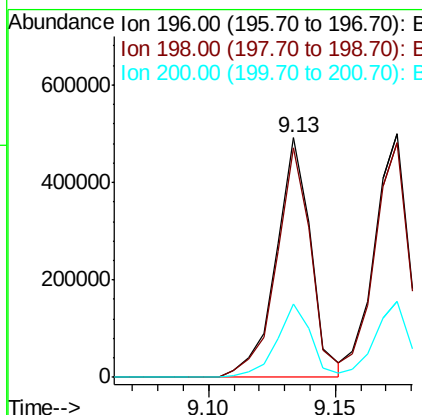
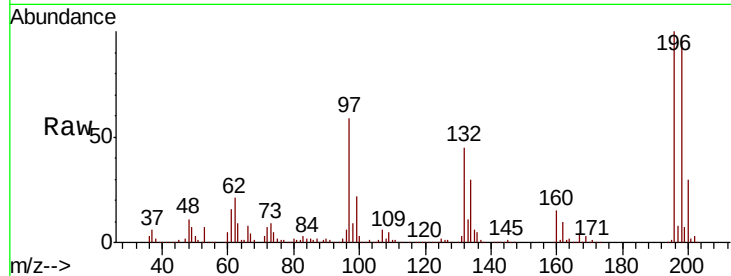
#43  
 2,4,6-Trichlorophenol  
 Concen: 41.233 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. -0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB131291BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 466360 |       |       |
| 198     | 95.8  | 75.8   | 113.6 |       |
| 200     | 30.5  | 25.3   | 37.9  |       |

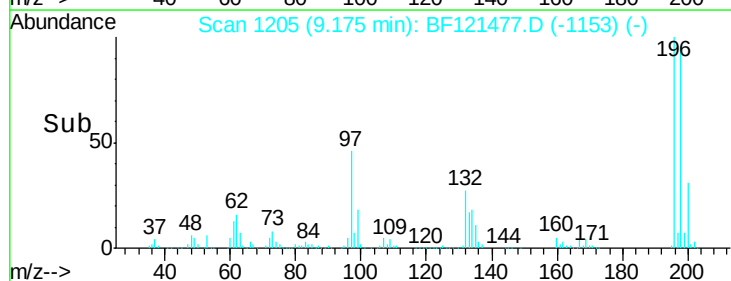
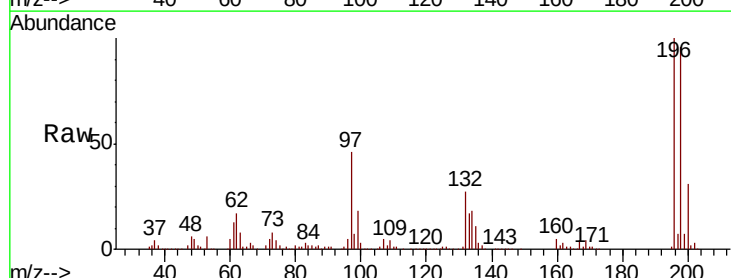
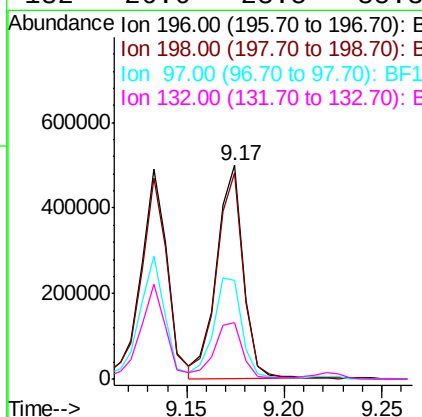
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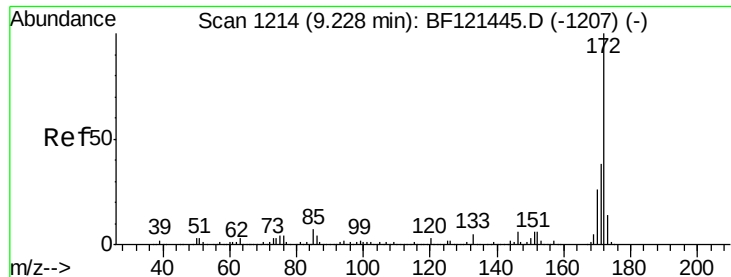
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#44  
 2,4,5-Trichlorophenol  
 Concen: 42.462 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. 0.01 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 474902 |       |       |
| 198     | 96.2  | 76.2   | 114.2 |       |
| 97      | 46.1  | 42.6   | 64.0  |       |
| 132     | 26.6  | 23.5   | 35.3  |       |





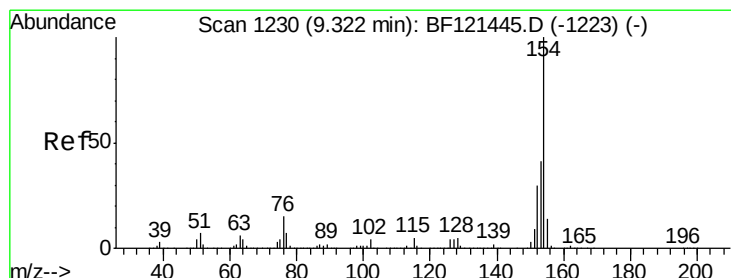
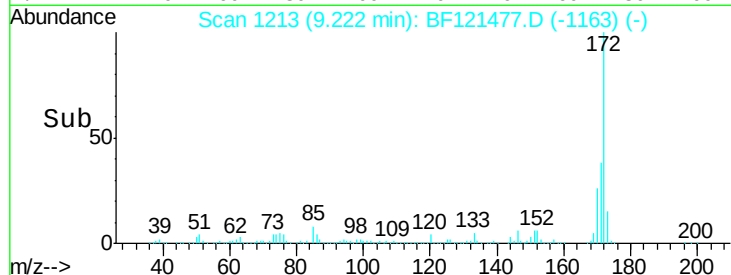
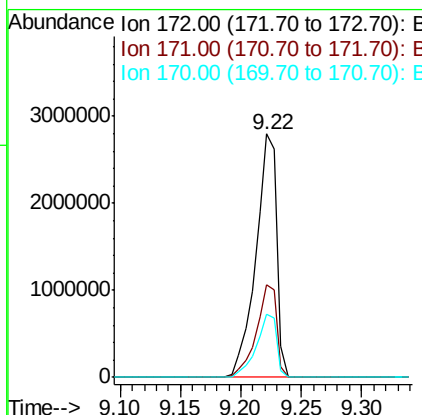
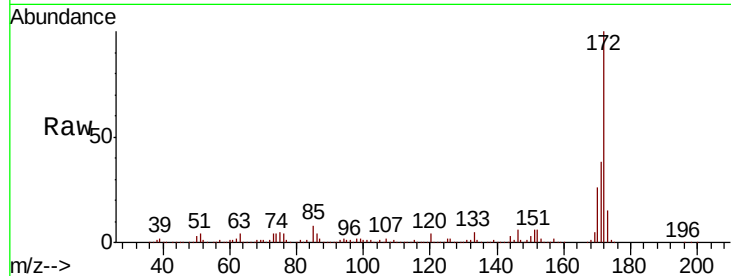
#45  
 2-Fluorobiphenyl  
 Concen: 90.145 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. -0.01 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.9  | 30.6  | 45.8  |
| 170     | 25.7  | 20.6  | 31.0  |

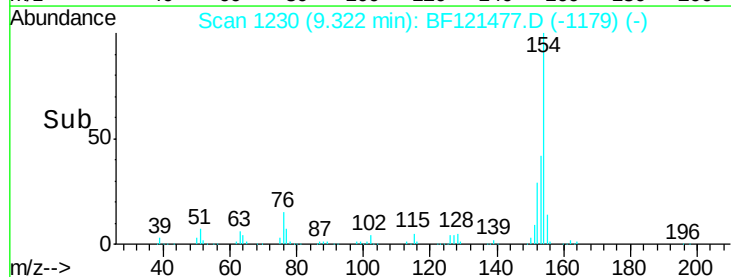
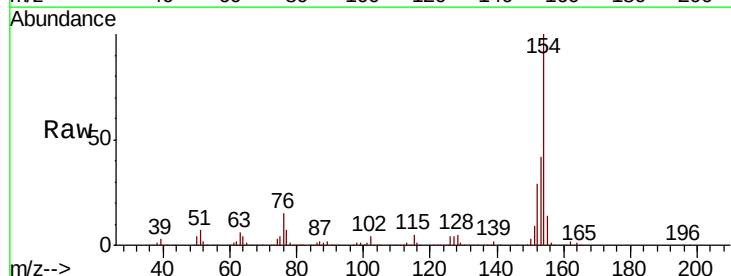
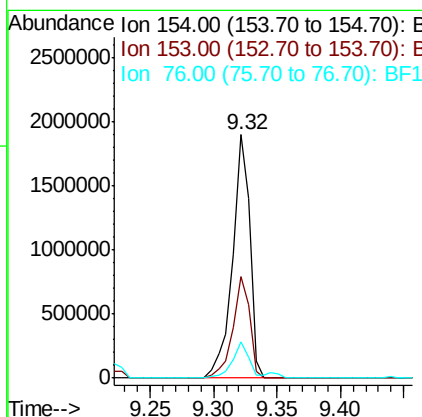
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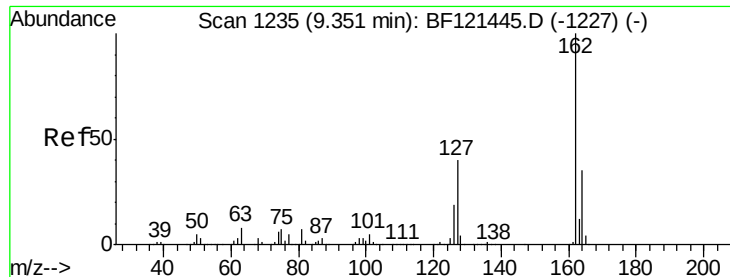
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#46  
 1,1'-Biphenyl  
 Concen: 38.895 ng  
 RT: 9.32 min Scan# 1230  
 Delta R.T. -0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.7  | 21.2  | 61.2  |
| 76      | 14.7  | 0.0   | 35.2  |





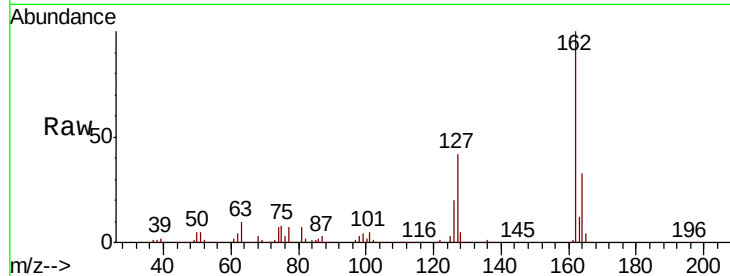
#47  
 2-Chloronaphthalene  
 Concen: 36.057 ng  
 RT: 9.35 min Scan# 1234  
 Delta R.T. -0.01 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131291BS

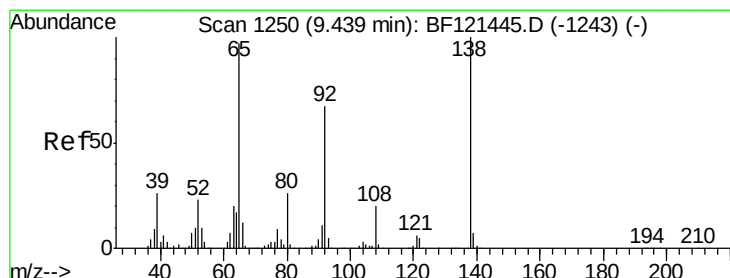
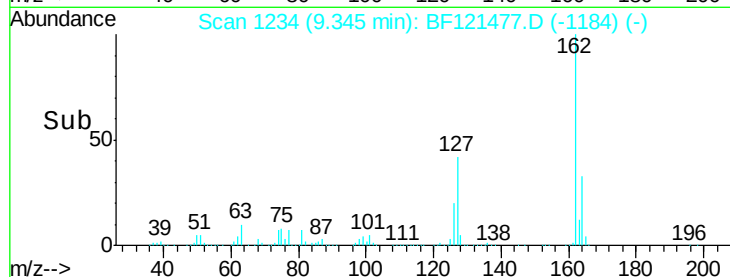
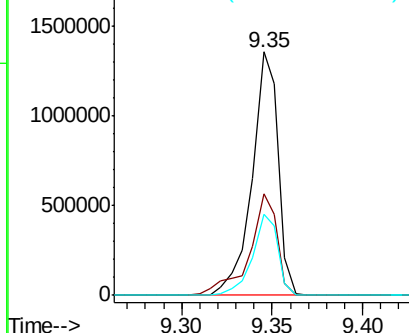
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 162   | Resp: | 1350059 |
| Ion      | Ratio | Lower | Upper   |
| 162      | 100   |       |         |
| 127      | 41.9  | 32.6  | 48.8    |
| 164      | 33.1  | 27.8  | 41.6    |

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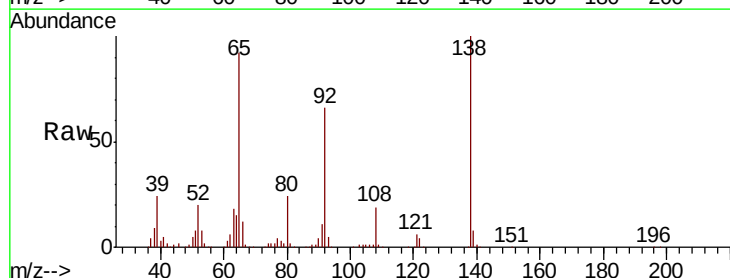


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

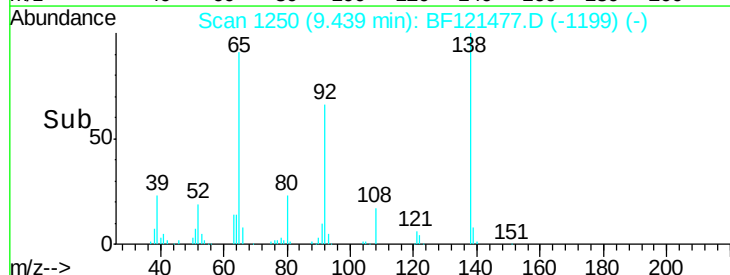
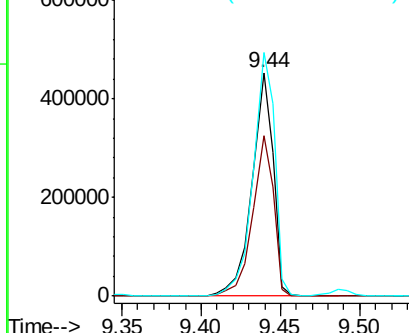


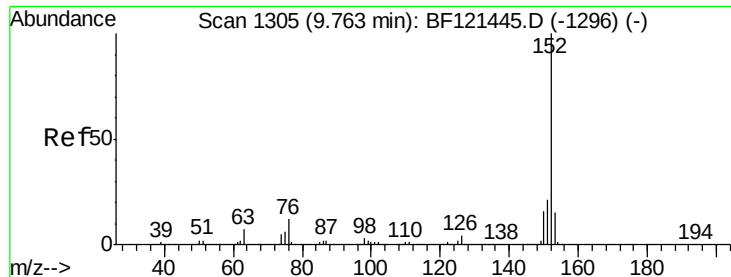
#48  
 2-Nitroaniline  
 Concen: 41.046 ng  
 RT: 9.44 min Scan# 1250  
 Delta R.T. 0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 419607 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 71.5  | 55.6  | 83.4   |
| 138      | 108.9 | 82.9  | 124.3  |



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





#49

Acenaphthylene

Concen: 38.566 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

Instrument :

BNA\_F

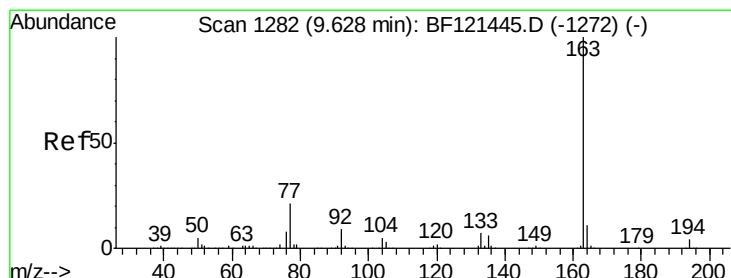
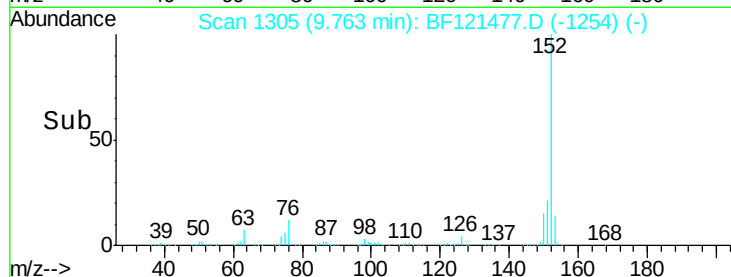
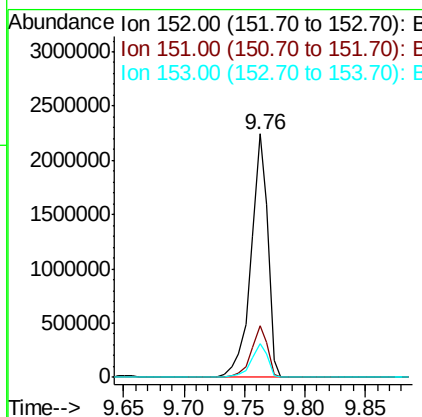
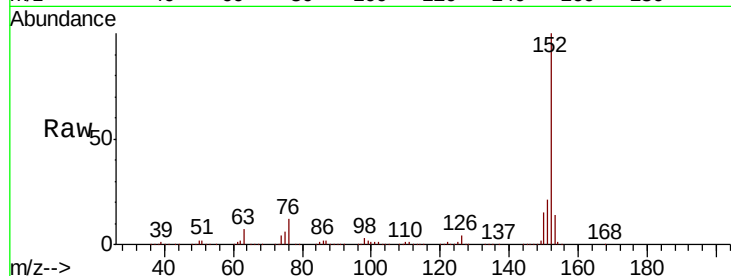
ClientSampleId :

PB131291BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 152   | Resp: | 2165904 |
| Ion      | Ratio | Lower | Upper   |
| 152      | 100   |       |         |
| 151      | 21.3  | 17.2  | 25.8    |
| 153      | 13.9  | 11.6  | 17.4    |

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#50

Dimethylphthalate

Concen: 36.782 ng

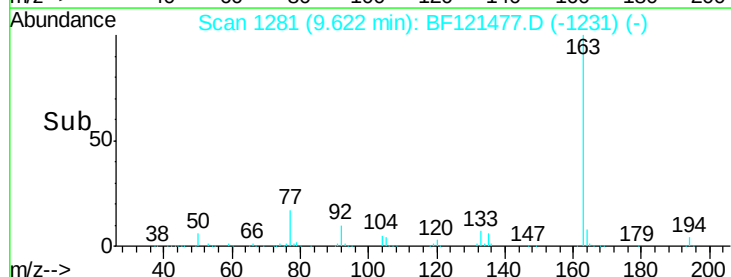
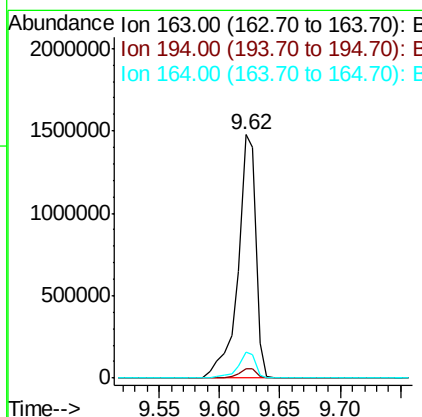
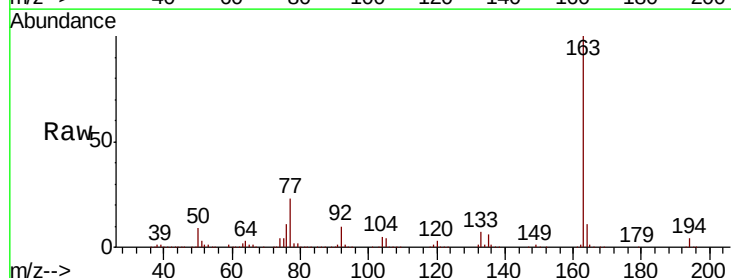
RT: 9.62 min Scan# 1281

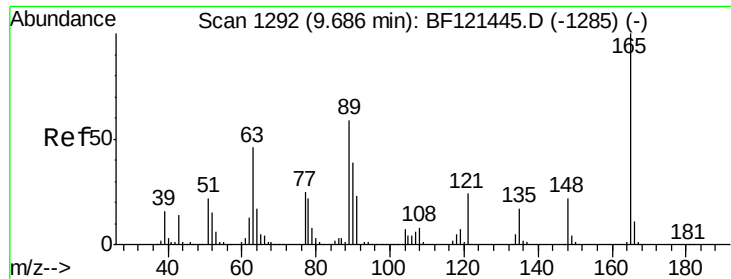
Delta R.T. -0.01 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 163   | Resp: | 1525213 |
| Ion      | Ratio | Lower | Upper   |
| 163      | 100   |       |         |
| 194      | 4.0   | 3.3   | 4.9     |
| 164      | 10.8  | 8.6   | 12.8    |





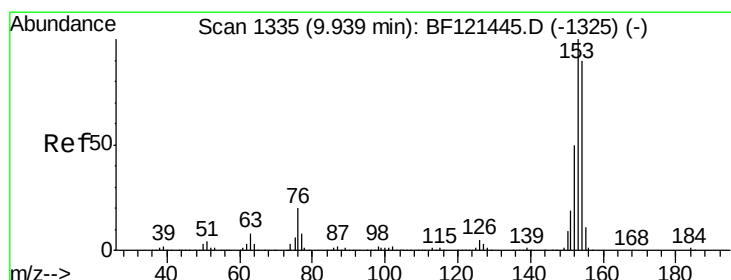
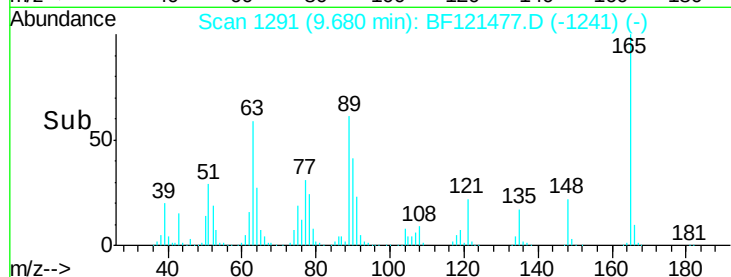
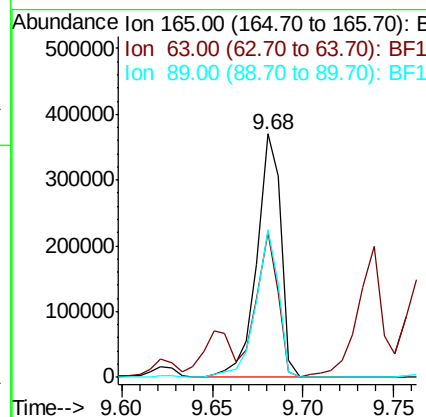
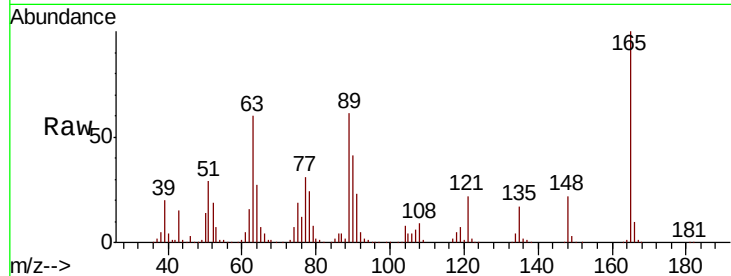
#51  
 2,6-Dinitrotoluene  
 Concen: 44.490 ng  
 RT: 9.68 min Scan# 1291  
 Delta R.T. -0.01 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB131291BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 341548 |       |       |
| 63      | 59.6  | 43.6   | 65.4  |       |
| 89      | 60.5  | 47.4   | 71.2  |       |

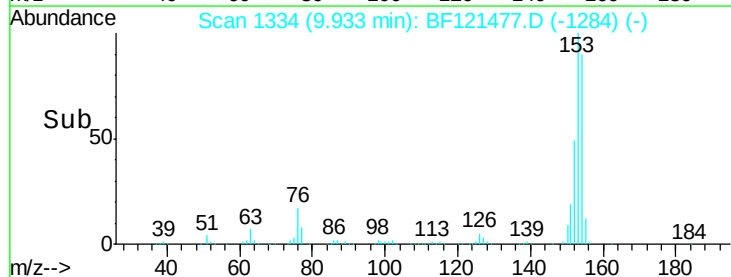
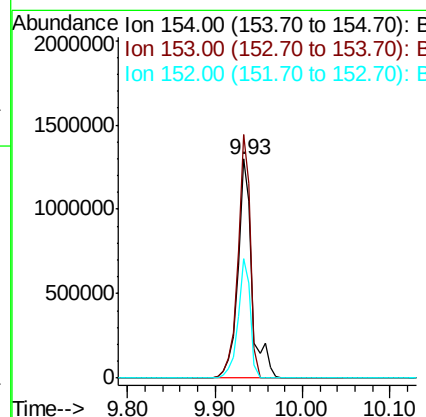
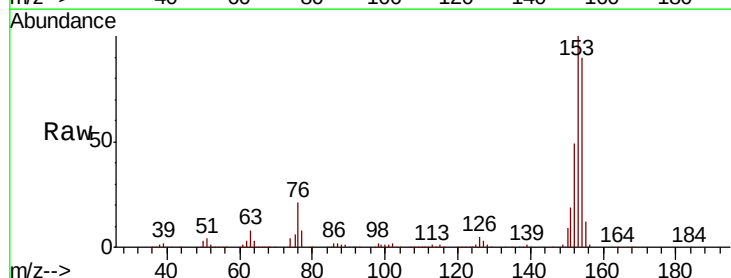
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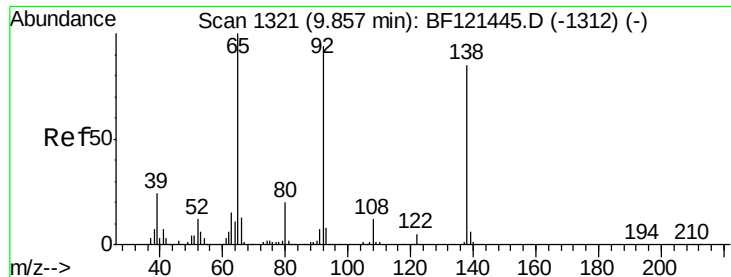
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#52  
 Acenaphthene  
 Concen: 40.446 ng  
 RT: 9.93 min Scan# 1334  
 Delta R.T. -0.01 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1434310 |       |       |
| 153     | 111.3 | 88.9    | 133.3 |       |
| 152     | 54.4  | 44.1    | 66.1  |       |





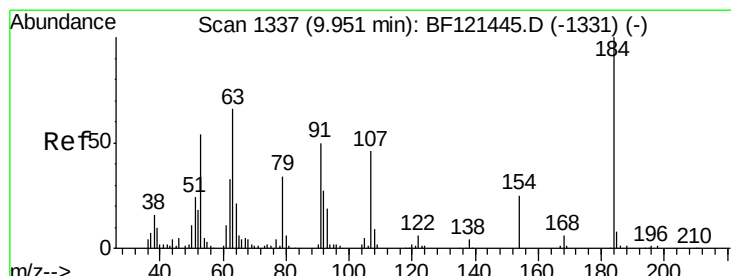
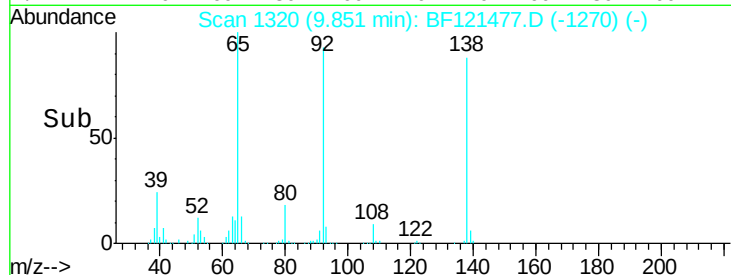
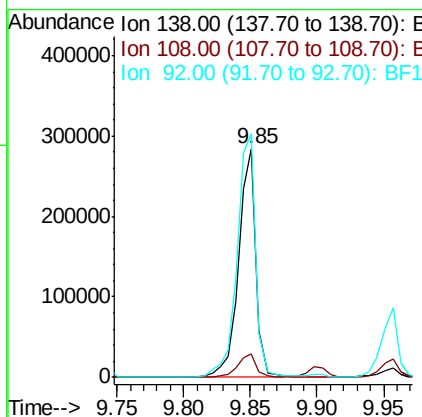
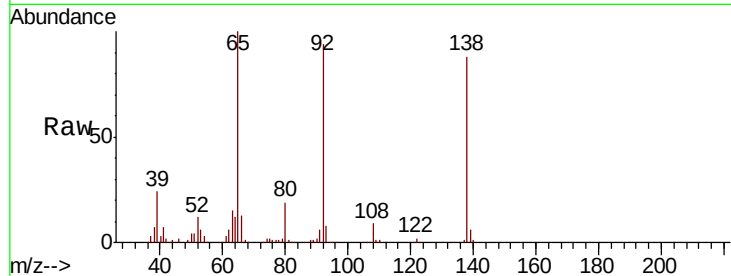
#53  
3-Nitroaniline  
Concen: 28.590 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 11.6  | 17.4# |
| 92      | 106.4 | 88.6  | 132.8 |

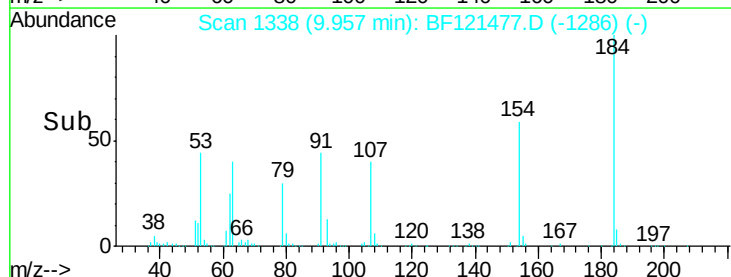
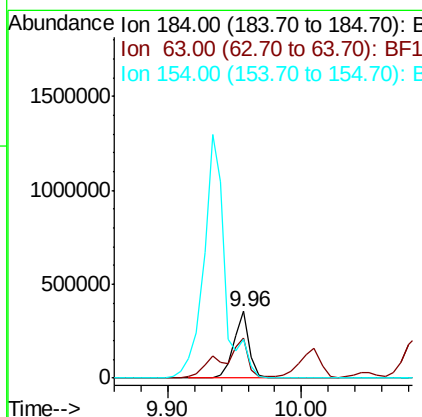
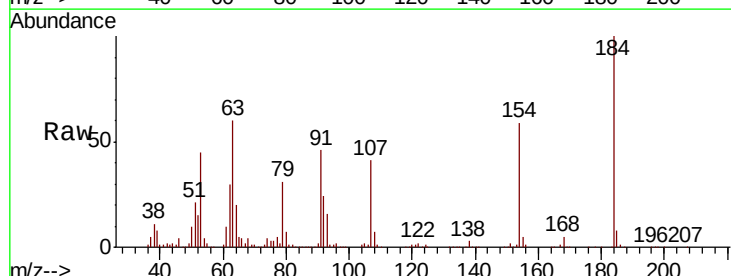
Manual Integrations  
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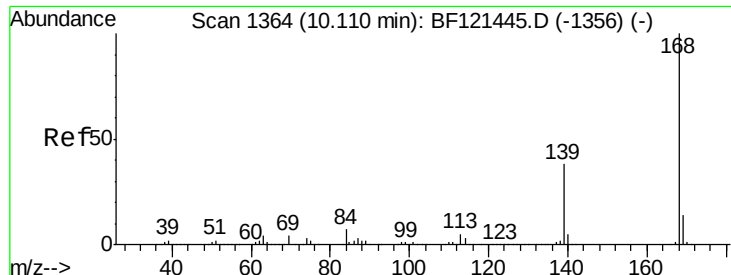
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#54  
2,4-Dinitrophenol  
Concen: 80.040 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. 0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 59.8  | 56.8  | 85.2  |
| 154     | 58.8  | 55.9  | 83.9  |





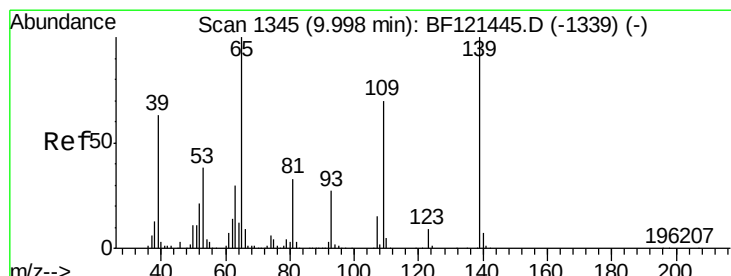
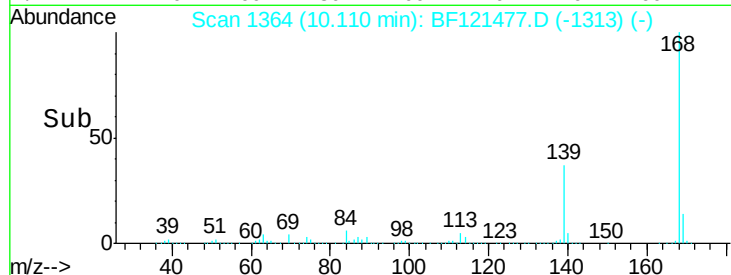
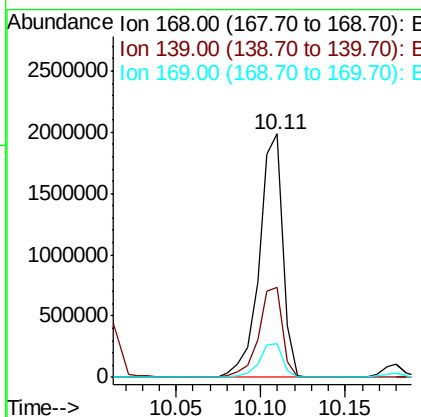
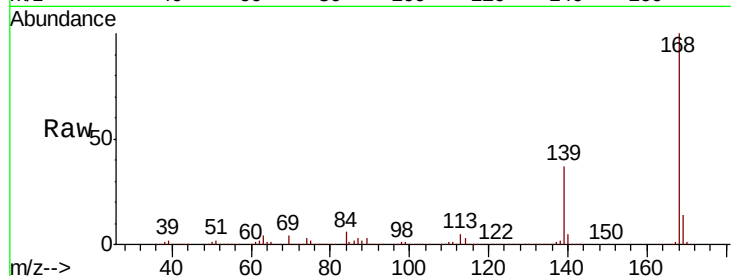
#55  
Dibenzenofuran  
Concen: 37.217 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

Tot Ion:168 Resp: 1917162  
Ion Ratio Lower Upper  
168 100  
139 36.9 30.1 45.1  
169 14.1 11.2 16.8

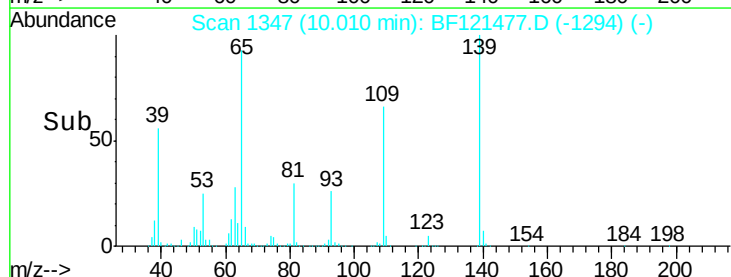
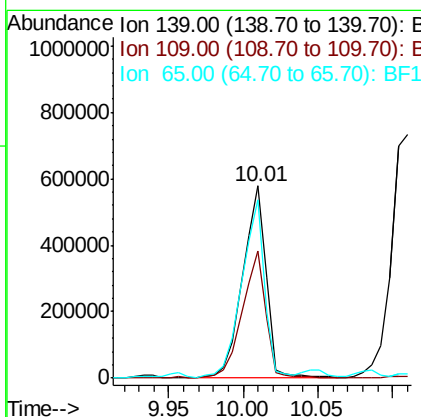
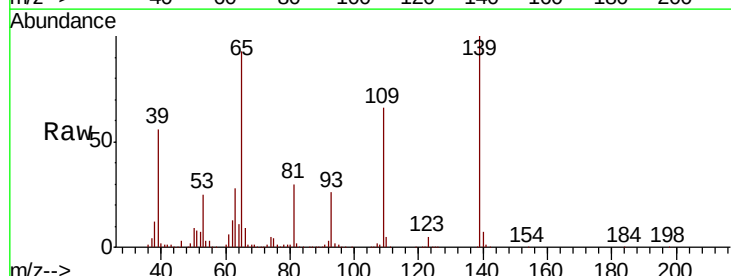
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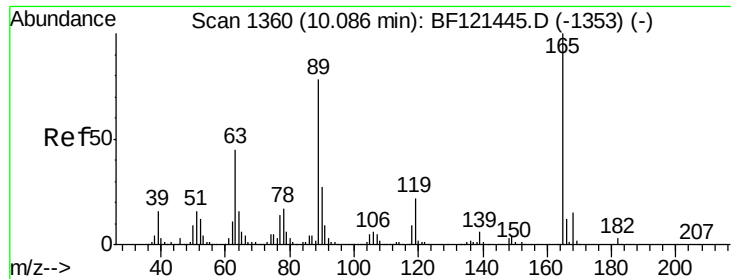


#56  
4-Nitrophenol  
Concen: 78.870 ng  
RT: 10.01 min Scan# 1347  
Delta R.T. 0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Tgt Ion:139 Resp: 630467  
Ion Ratio Lower Upper  
139 100  
109 66.2 50.5 90.5  
65 93.2 80.2 120.2







#57

2,4-Dinitrotoluene

Concen: 46.922 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

Instrument :

BNA\_F

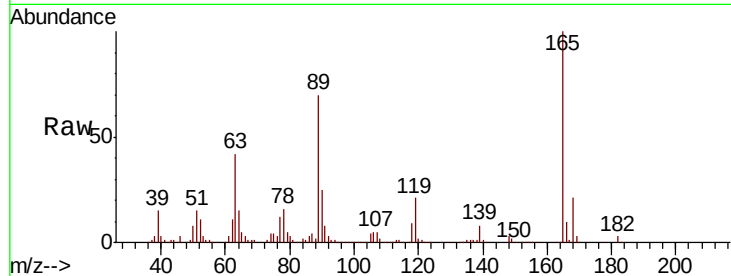
ClientSampleId :

PB131291BS

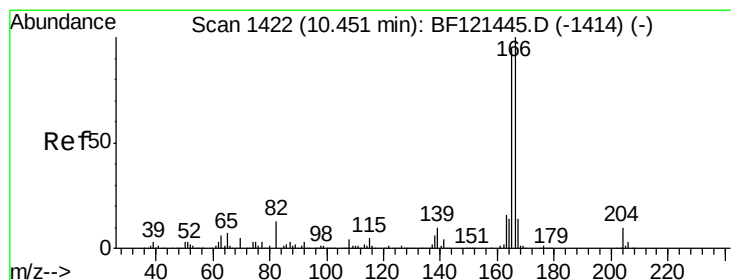
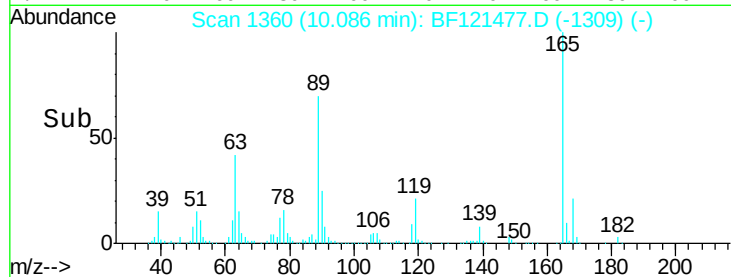
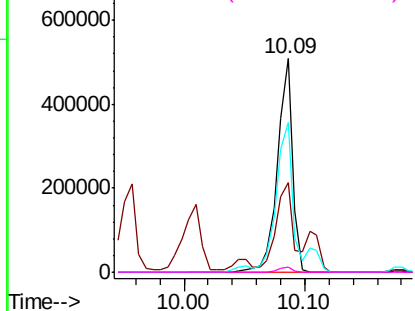
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 447059 |       |       |
| 63      | 41.9  | 36.0   | 54.0  |       |
| 89      | 69.9  | 62.6   | 93.8  |       |
| 182     | 2.7   | 2.2    | 3.2   |       |

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



#58

Fluorene

Concen: 37.055 ng

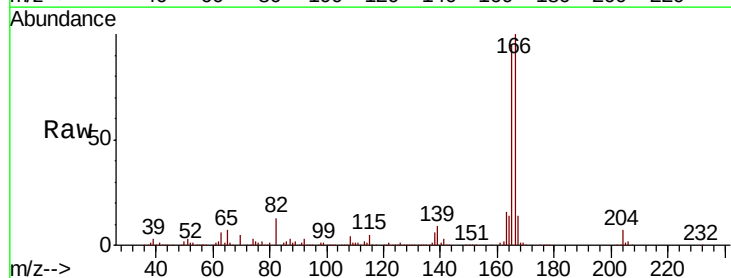
RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

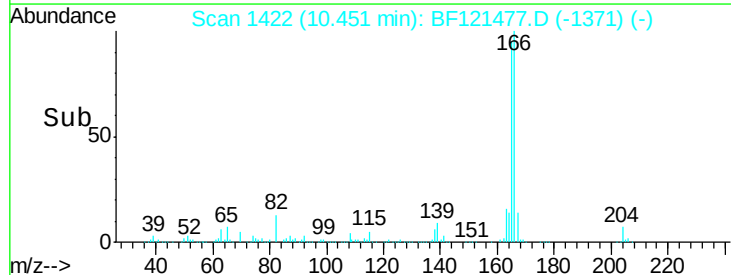
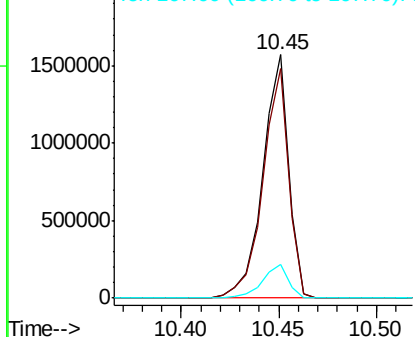
Lab File: BF121477.D

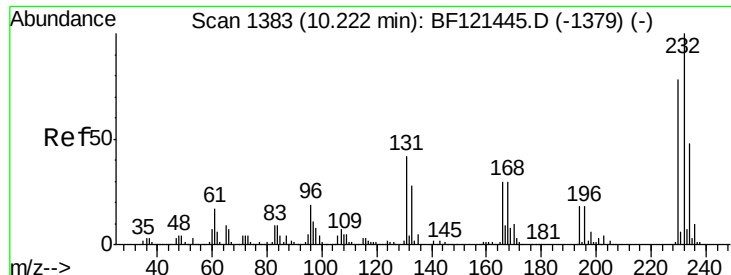
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1438959 |       |       |
| 165     | 94.5  | 75.7    | 113.5 |       |
| 167     | 13.8  | 11.1    | 16.7  |       |



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





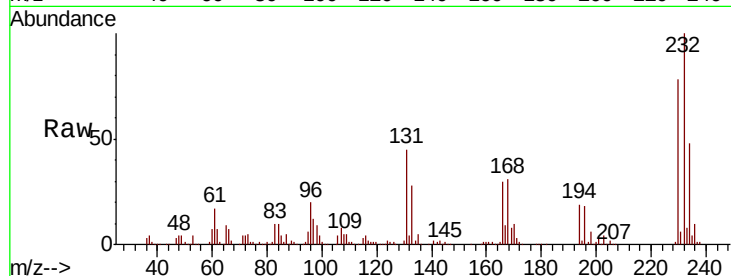
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.845 ng  
 RT: 10.22 min Scan# 1383  
 Delta R.T. -0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.2  | 35.7  | 53.5  |
| 130     | 2.1   | 1.8   | 2.6   |
| 166     | 29.7  | 24.1  | 36.1  |

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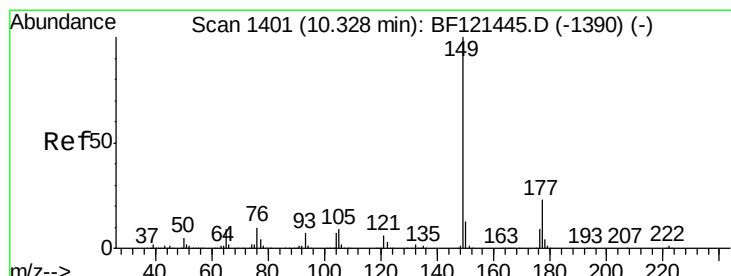
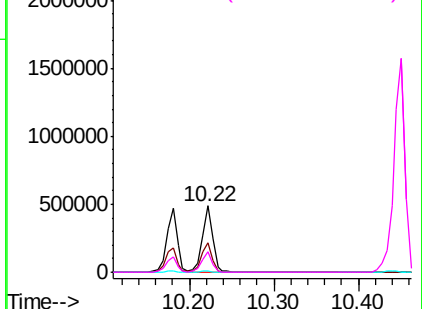
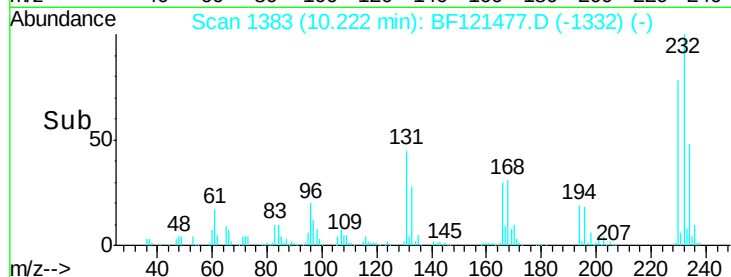
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

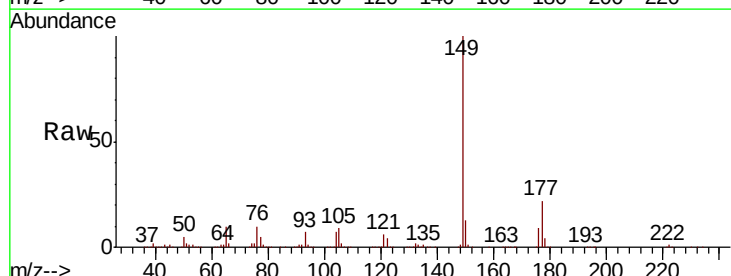
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 36.702 ng  
 RT: 10.32 min Scan# 1400  
 Delta R.T. -0.01 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.3  | 18.3  | 27.5  |
| 150     | 13.0  | 10.4  | 15.6  |

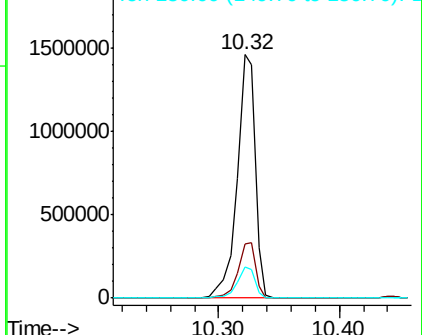
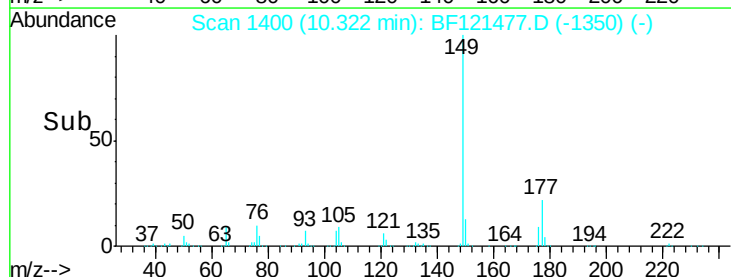


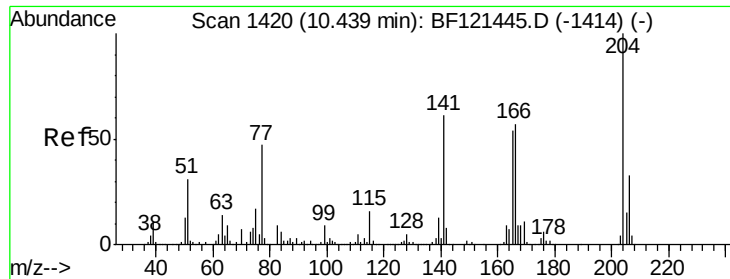
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





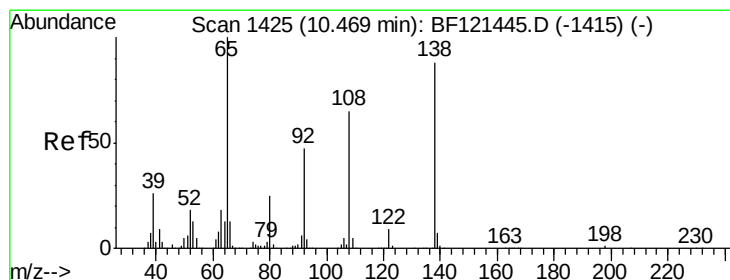
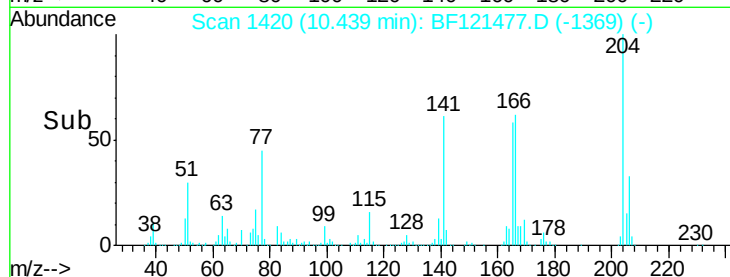
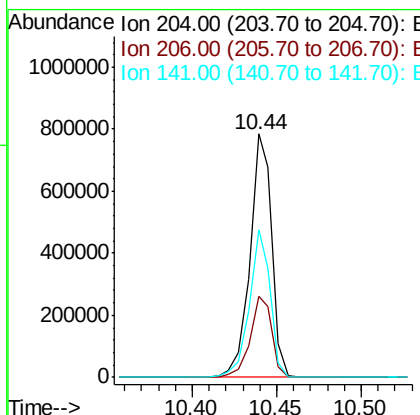
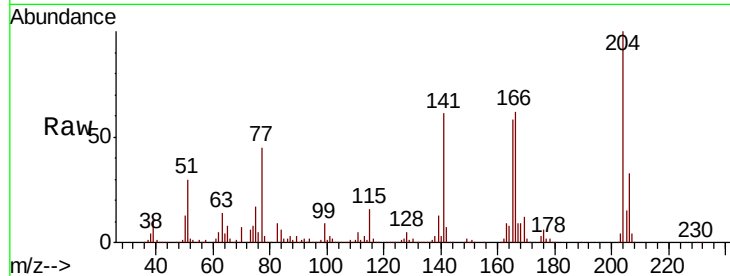
#61  
 4-Chlorophenyl-phenylether  
 Concen: 36.362 ng  
 RT: 10.44 min Scan# 1420  
 Delta R.T. -0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB131291BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 707488 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.1  | 26.3  | 39.5   |
| 141       | 60.7  | 48.7  | 73.1   |

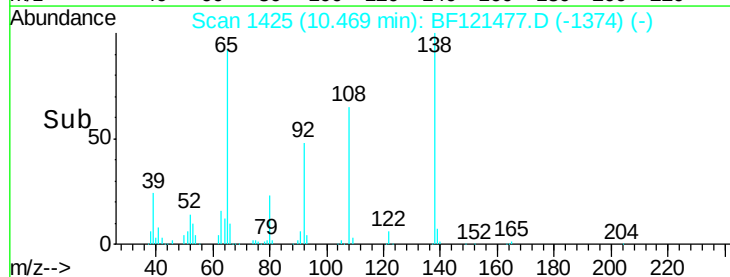
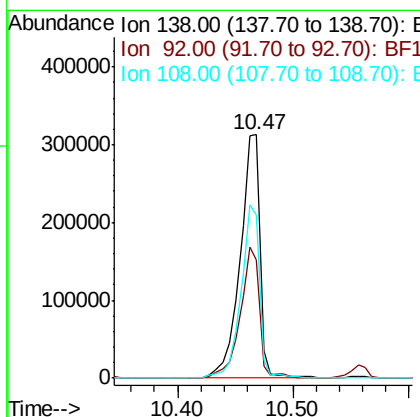
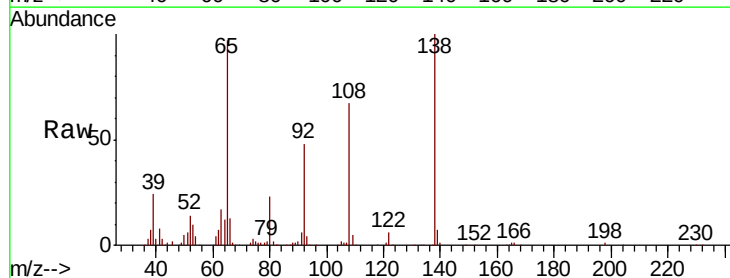
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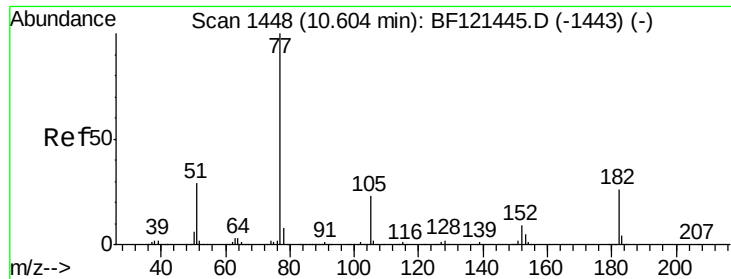
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#62  
 4-Nitroaniline  
 Concen: 38.033 ng  
 RT: 10.47 min Scan# 1425  
 Delta R.T. 0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 374841 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 48.5  | 33.2  | 73.2   |
| 108       | 66.9  | 53.6  | 93.6   |





#63

Azobenzene

Concen: 36.916 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

Instrument :

BNA\_F

ClientSampleId :

PB131291BS

Tot Ion: 77 Resp: 1520863

Ion Ratio Lower Upper

77 100

182 27.9 6.2 46.2

105 23.6 3.3 43.3

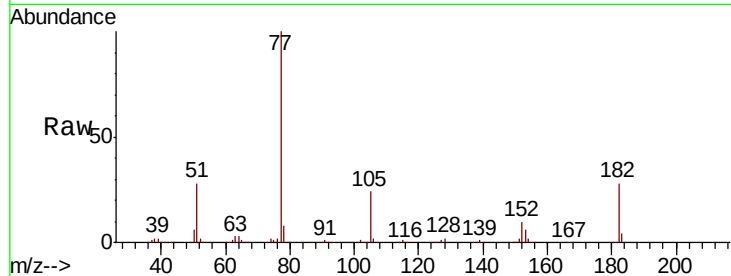
51 28.4 9.5 49.5

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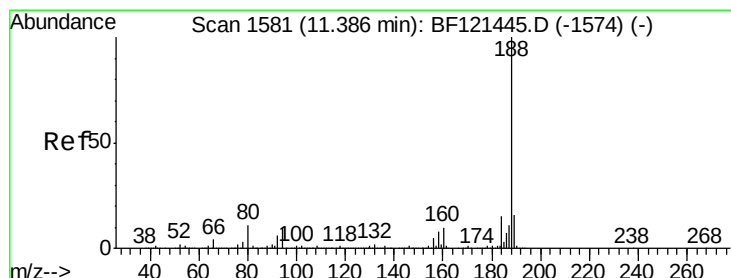
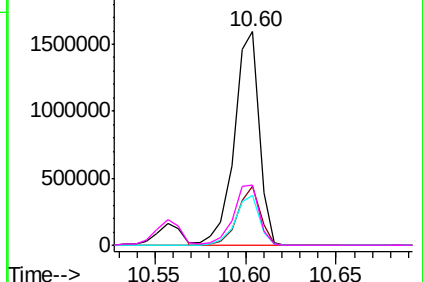
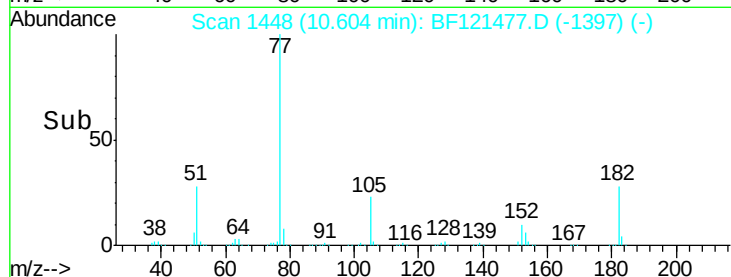


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

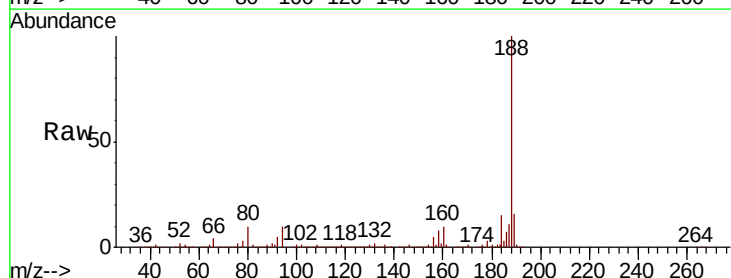
Tgt Ion: 188 Resp: 1153508

Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

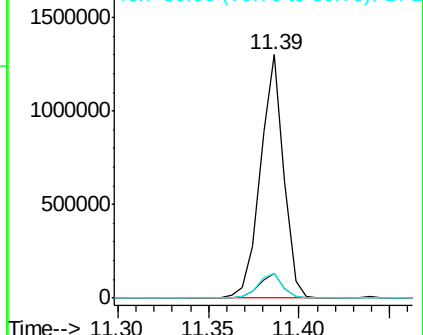
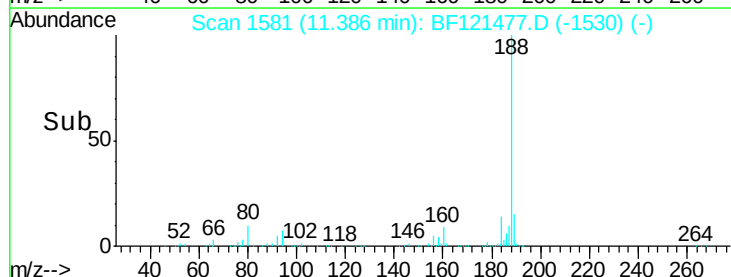
80 10.3 8.6 13.0

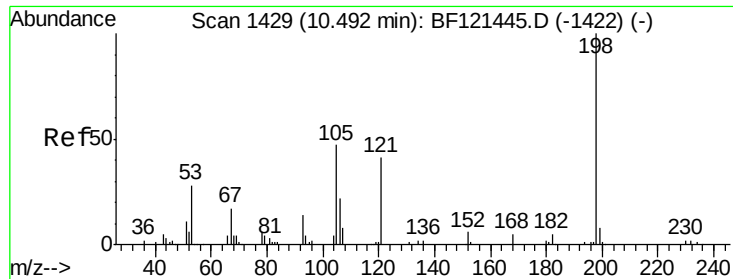


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





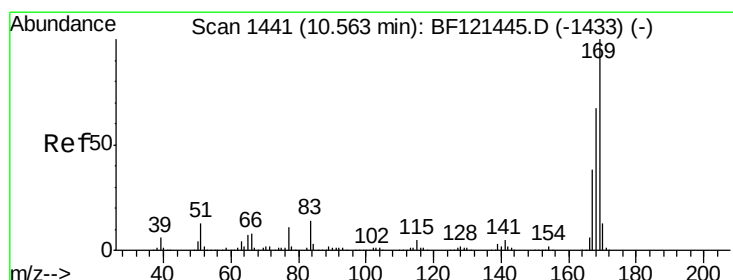
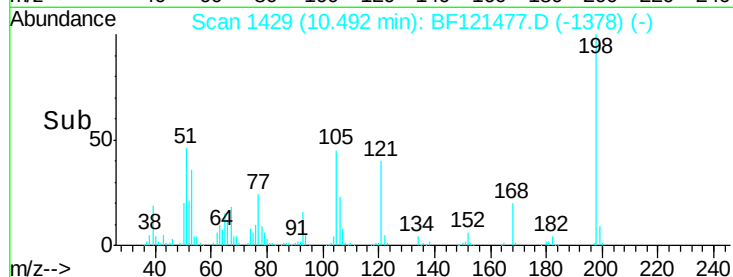
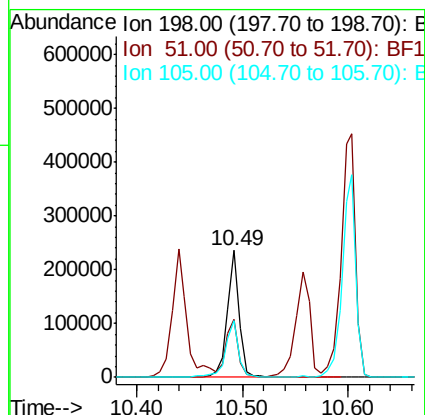
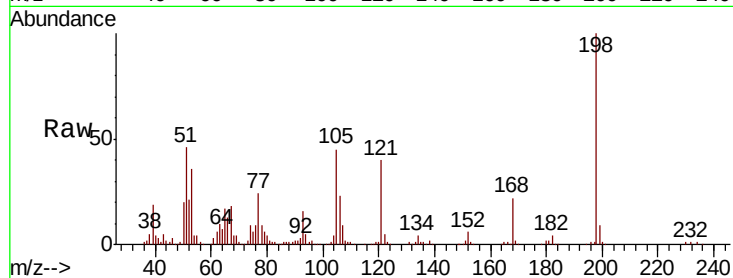
#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.889 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. 0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 187622 |       |       |
| 51      | 45.7  | 29.0   | 69.0  |       |
| 105     | 45.1  | 29.1   | 69.1  |       |

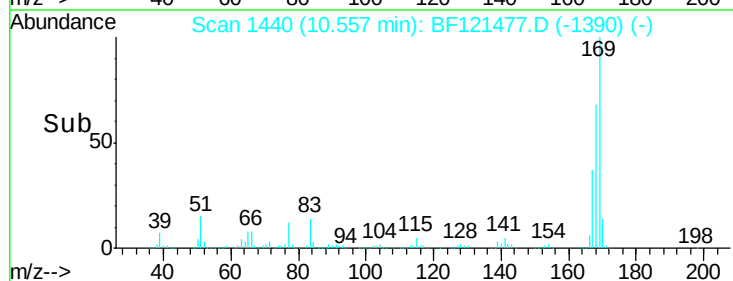
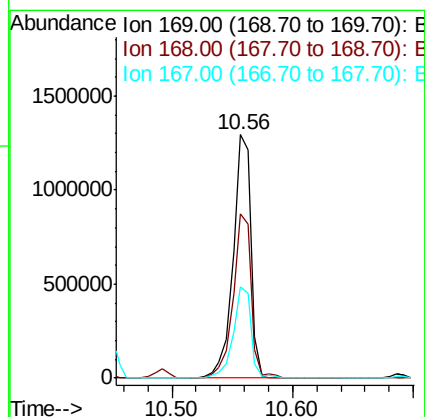
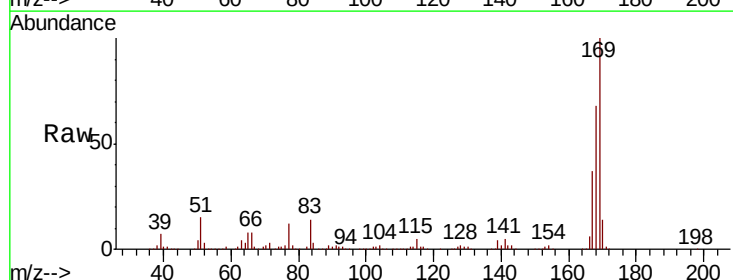
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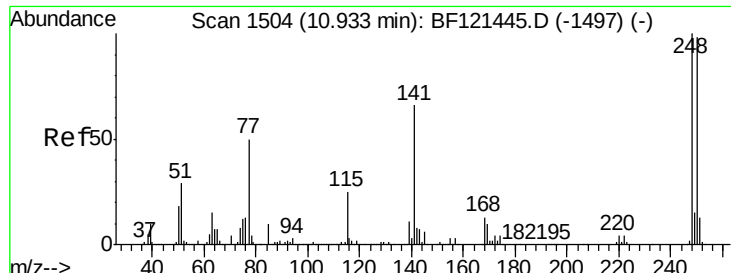
mohammad  
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#66  
n-Nitrosodiphenylamine  
Concen: 36.389 ng  
RT: 10.56 min Scan# 1440  
Delta R.T. -0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1327590 |       |       |
| 168     | 67.5  | 54.0    | 81.0  |       |
| 167     | 37.4  | 30.2    | 45.2  |       |





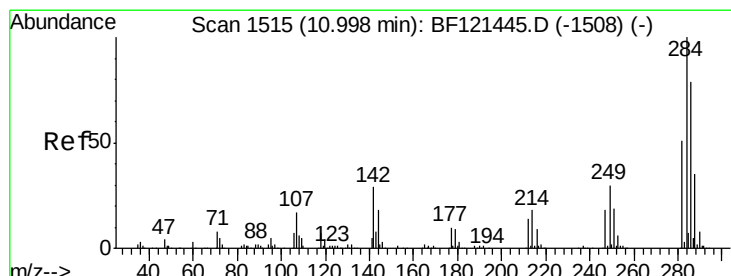
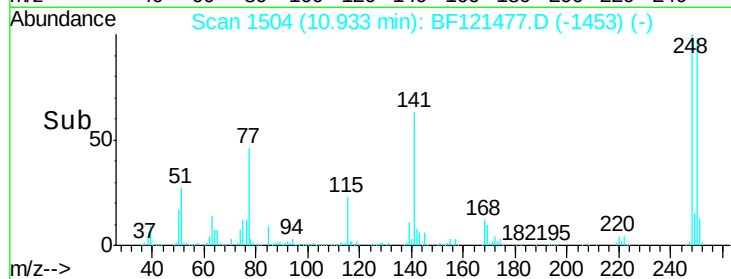
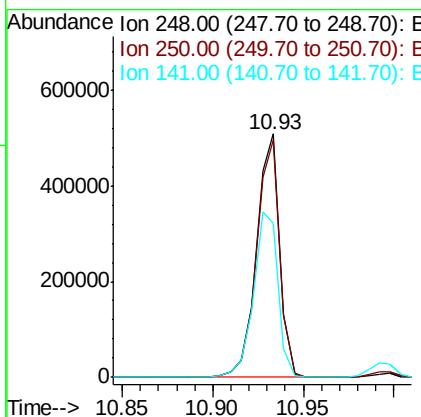
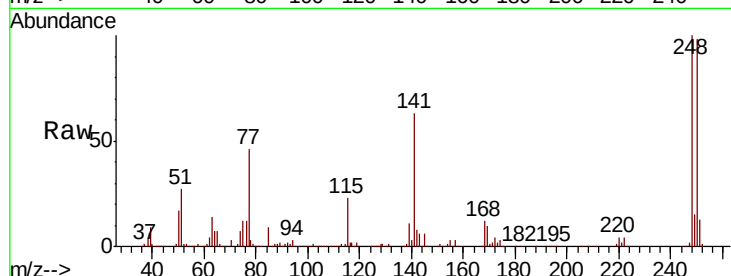
#67  
4-Bromophenyl-phenylether  
Concen: 35.491 ng  
RT: 10.93 min Scan# 1504  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.5  | 78.7  | 118.1 |
| 141     | 63.4  | 52.6  | 78.8  |

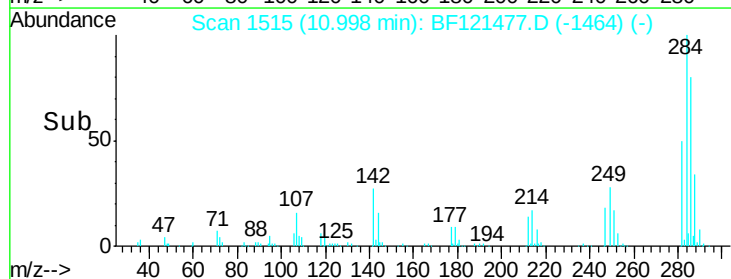
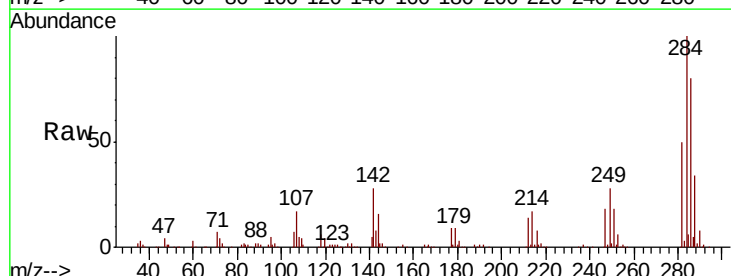
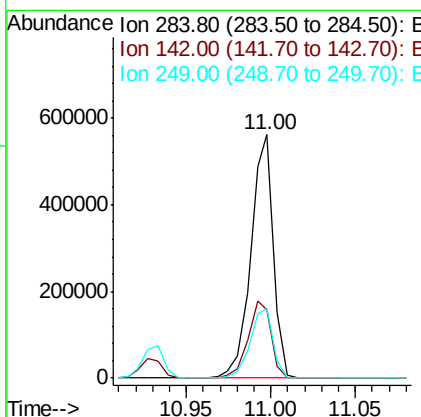
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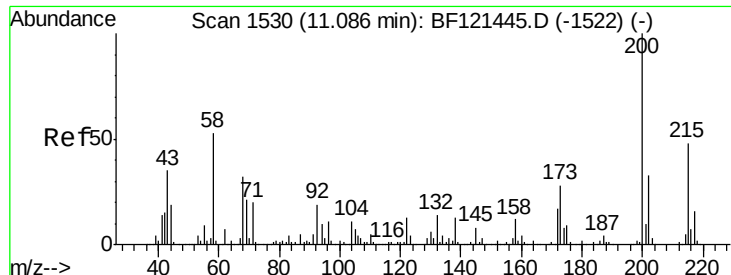
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#68  
Hexachlorobenzene  
Concen: 35.134 ng  
RT: 11.00 min Scan# 1515  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.0  | 23.4  | 35.0  |
| 249     | 28.5  | 23.8  | 35.6  |





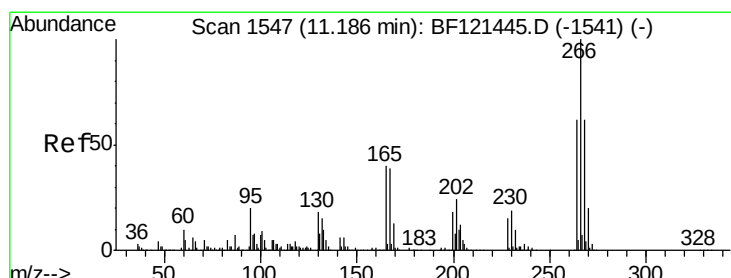
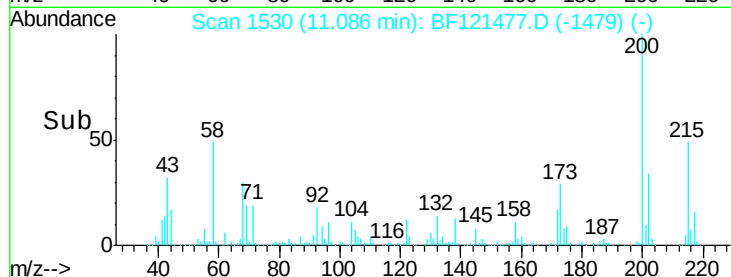
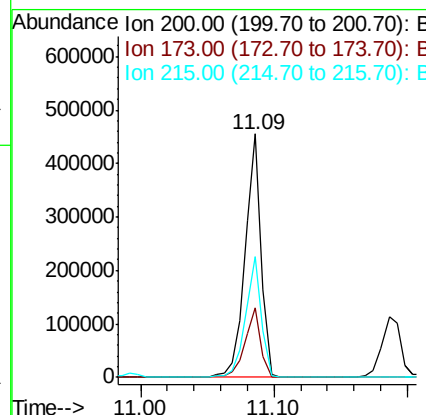
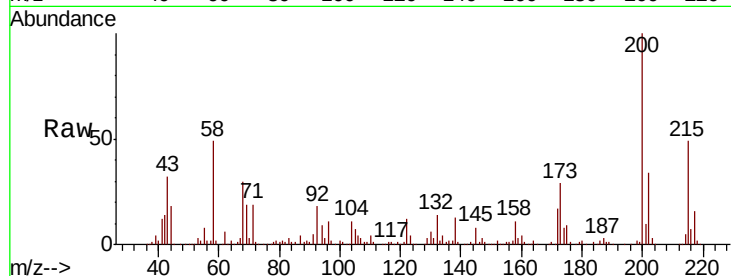
#69  
 Atrazine  
 Concen: 35.743 ng  
 RT: 11.09 min Scan# 1530  
 Delta R.T. -0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131291BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 28.6  | 8.1        | 48.1  |
| 215     | 49.5  | 28.5       | 68.5  |

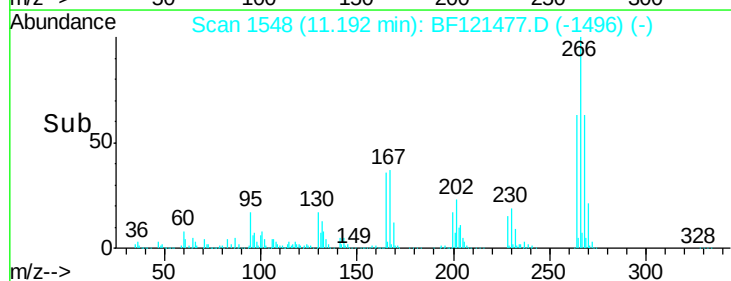
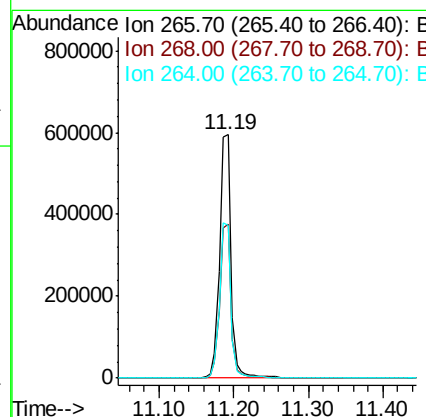
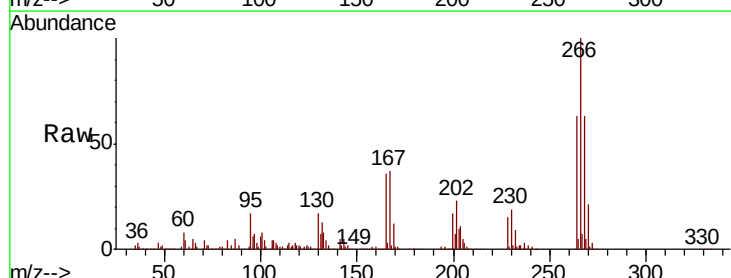
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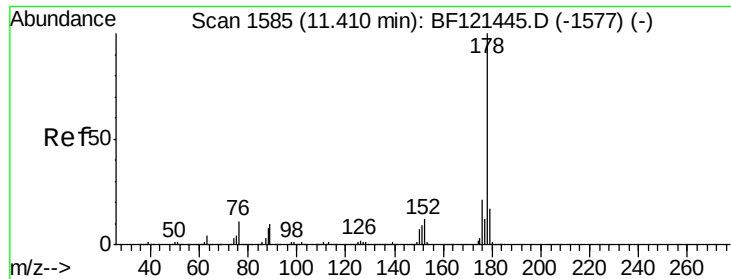
mohammad  
 9/2/2020 1:55:36 PM



#70  
 Pentachlorophenol  
 Concen: 92.899 ng  
 RT: 11.19 min Scan# 1548  
 Delta R.T. 0.01 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.0  | 49.7       | 74.5  |
| 264     | 62.9  | 49.4       | 74.0  |





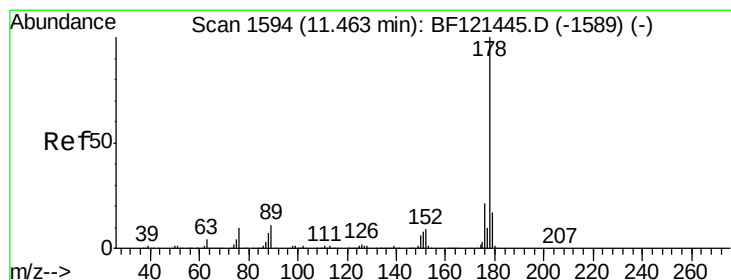
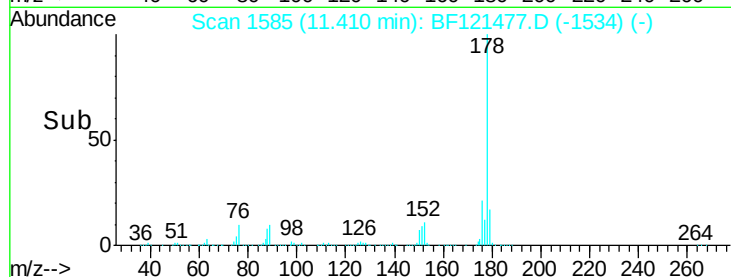
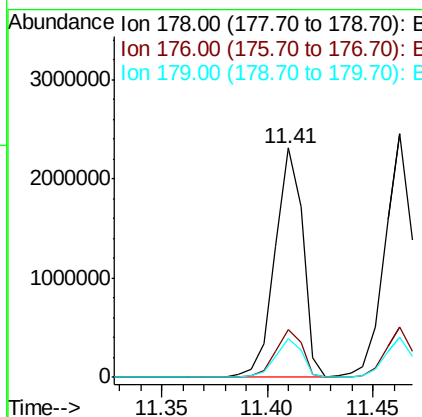
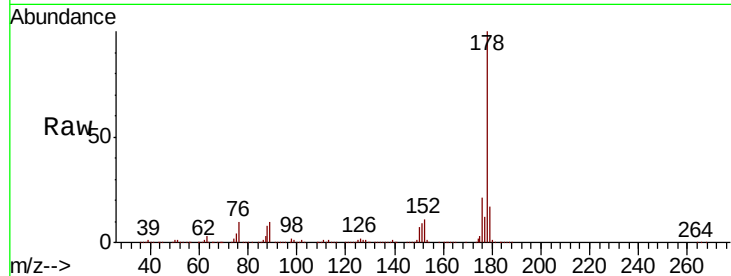
#71  
Phenanthrene  
Concen: 36.024 ng  
RT: 11.41 min Scan# 1585  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

Tot Ion:178 Resp: 2132459  
Ion Ratio Lower Upper  
178 100  
176 21.0 16.9 25.3  
179 16.7 13.4 20.0

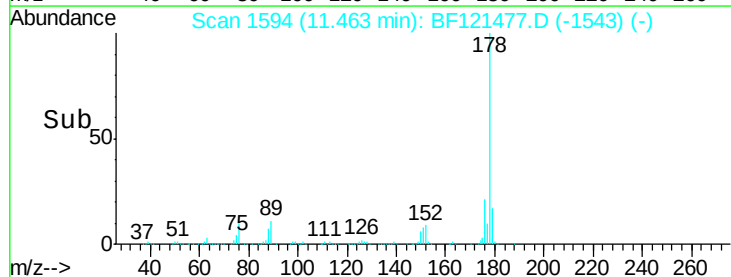
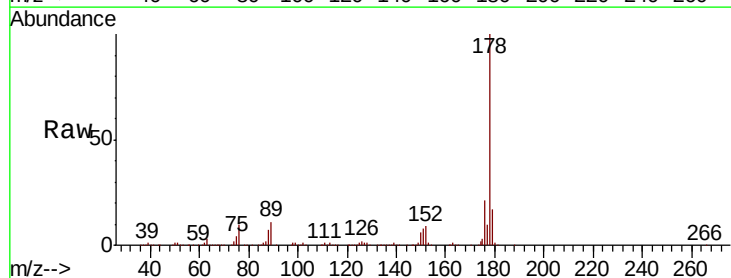
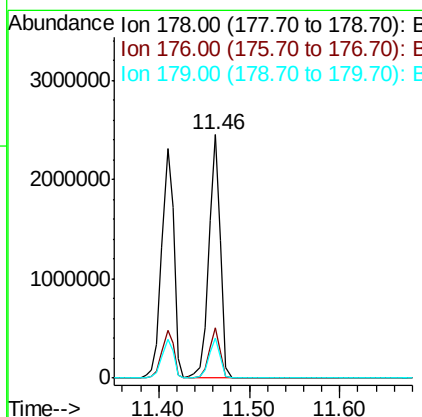
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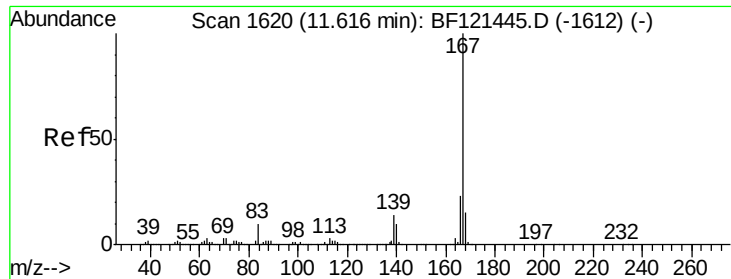


#72  
Anthracene  
Concen: 37.794 ng  
RT: 11.46 min Scan# 1594  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Tgt Ion:178 Resp: 2200437  
Ion Ratio Lower Upper  
178 100  
176 20.5 16.7 25.1  
179 16.7 13.4 20.2







#73

Carbazole

Concen: 36.580 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

Instrument :

BNA\_F

ClientSampleId :

PB131291BS

Tot Ion:167 Resp: 2053673

Ion Ratio Lower Upper

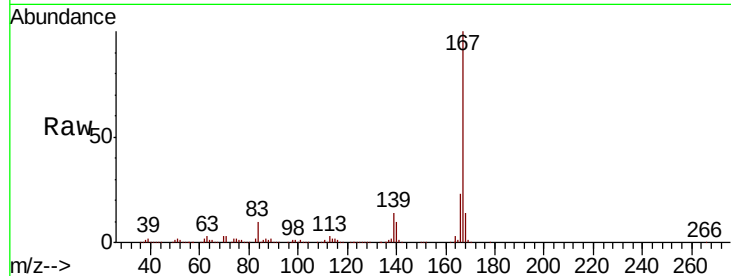
167 100

166 22.8 18.4 27.6

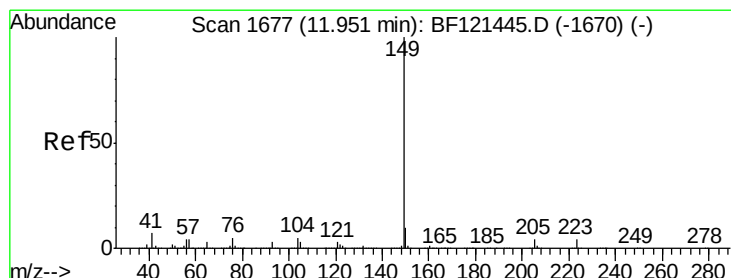
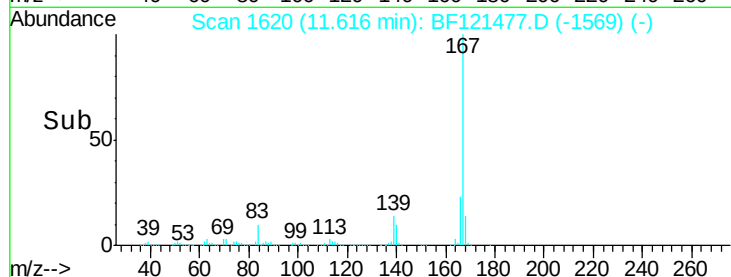
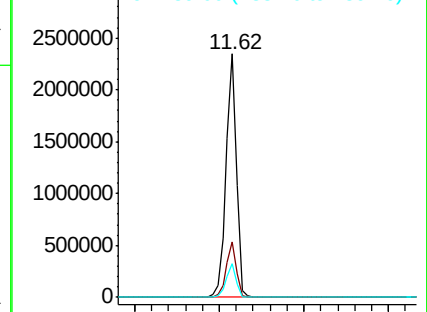
139 13.6 11.0 16.6

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Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.539 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

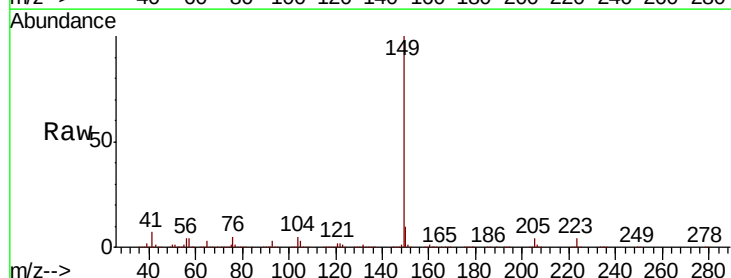
Tgt Ion:149 Resp: 2278910

Ion Ratio Lower Upper

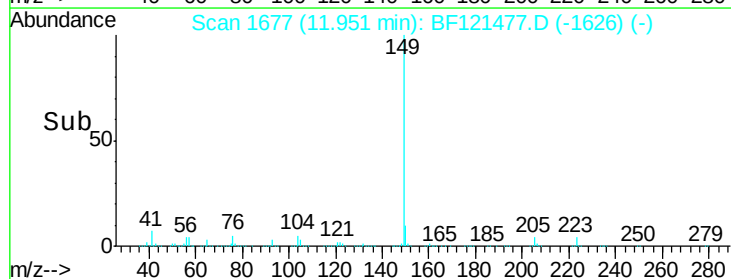
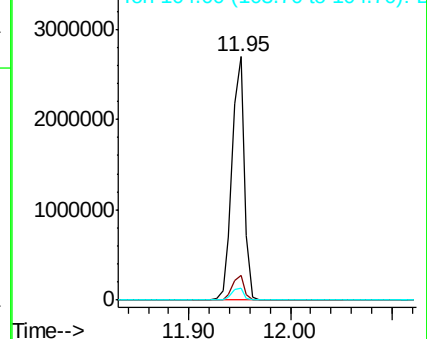
149 100

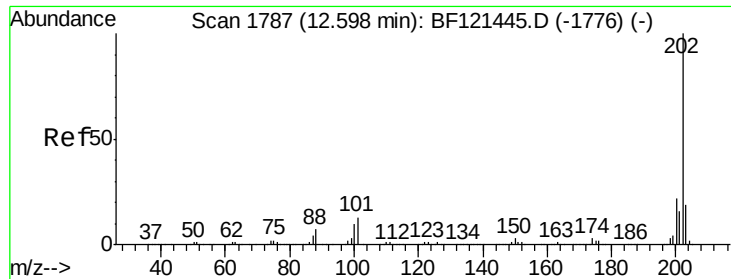
150 10.0 8.2 12.2

104 4.9 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





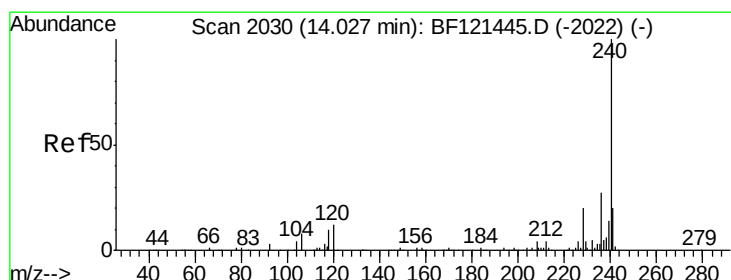
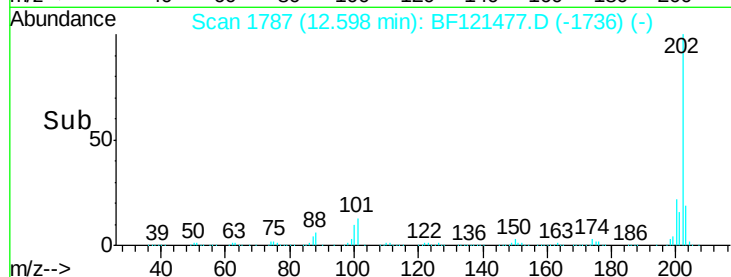
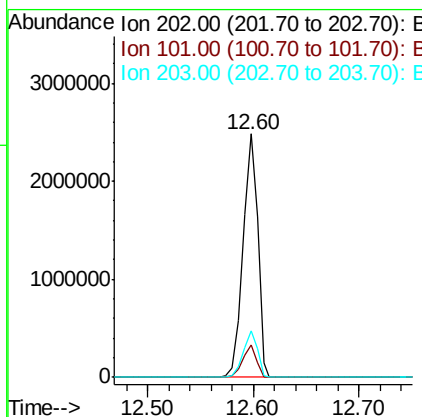
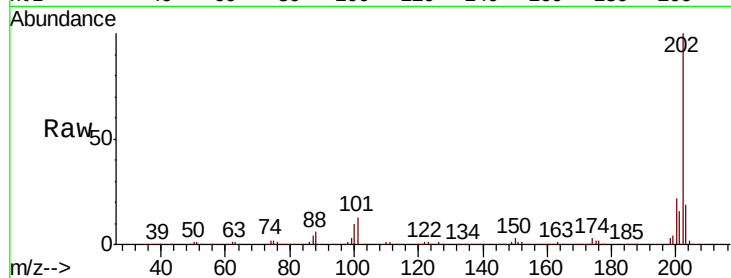
#75  
Fluoranthene  
Concen: 36.832 ng  
RT: 12.60 min Scan# 1787  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 202     | 100   | 2349803 |       |       |
| 101     | 13.1  |         | 0.0   | 33.3  |
| 203     | 19.0  |         | 0.0   | 39.1  |

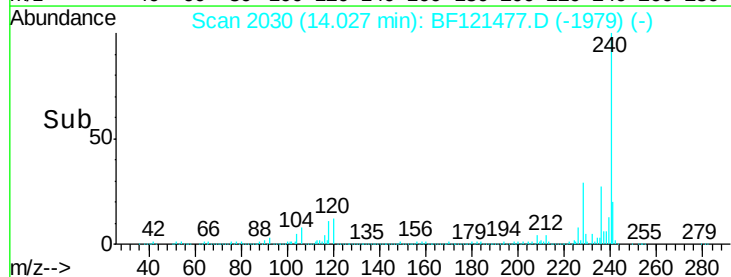
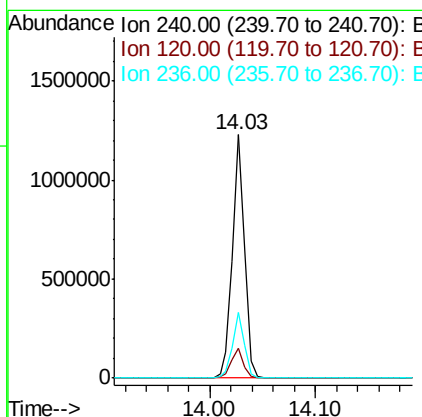
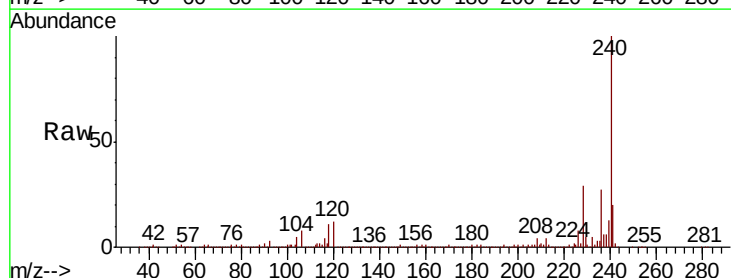
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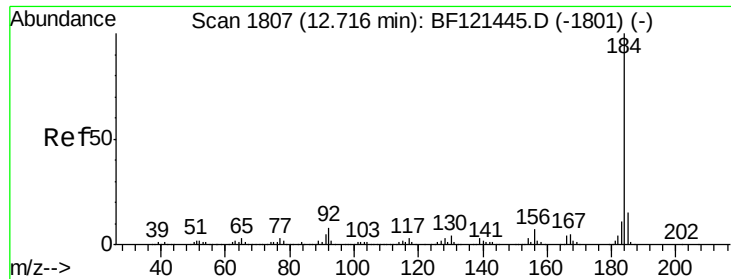
mohammad  
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.03 min Scan# 2030  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 959558 |       |       |
| 120     | 12.3  |        | 9.5   | 14.3  |
| 236     | 26.8  |        | 21.8  | 32.6  |





#77

Benzidine

Concen: 51.406 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

Instrument :

BNA\_F

ClientSampleId :

PB131291BS

Tot Ion:184 Resp: 1075796

Ion Ratio Lower Upper

184 100

185 15.6 12.1 18.1

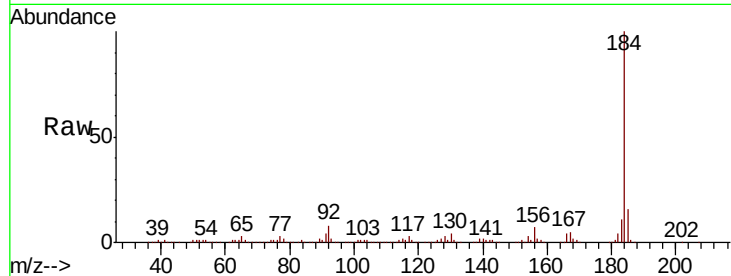
183 11.3 8.9 13.3

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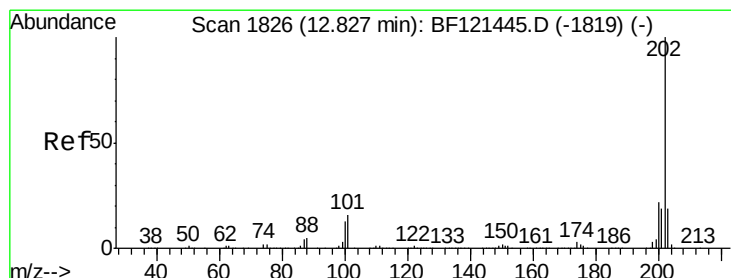
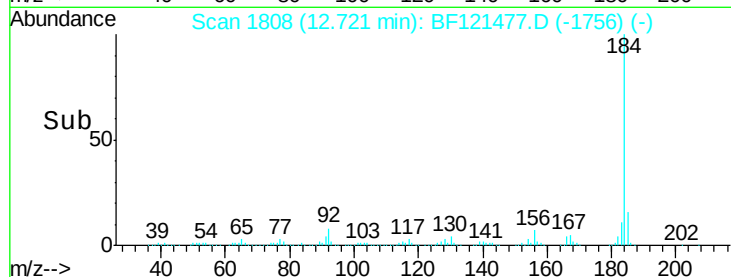
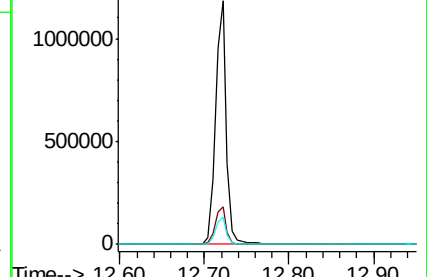
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.422 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

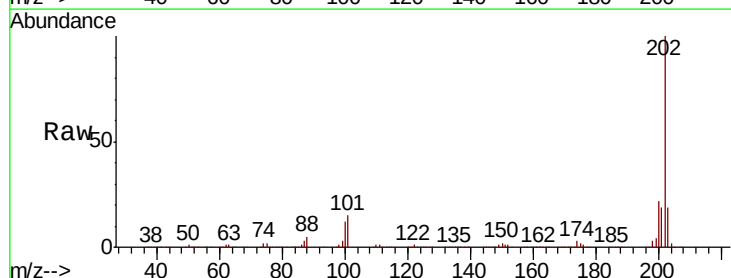
Tgt Ion:202 Resp: 2427448

Ion Ratio Lower Upper

202 100

200 22.3 18.0 27.0

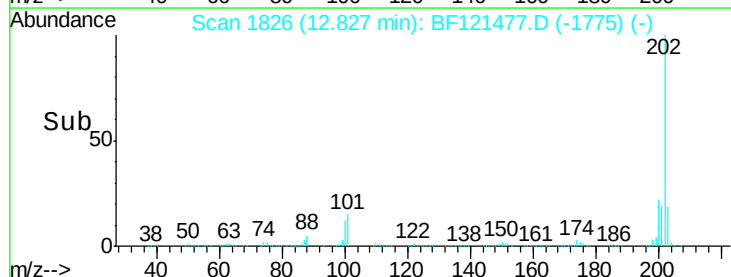
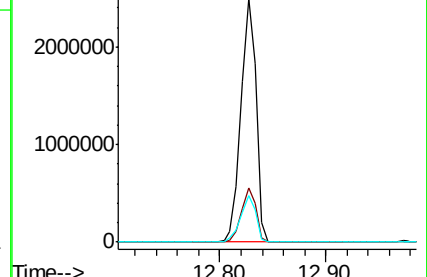
203 19.0 15.3 22.9

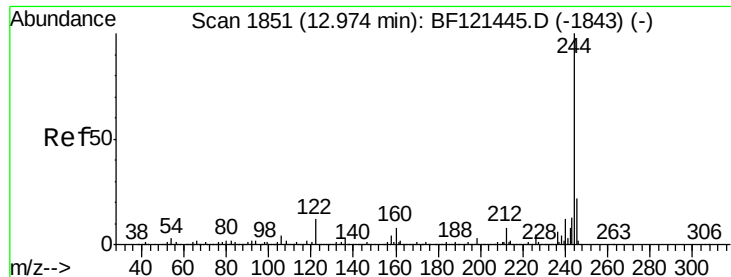


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





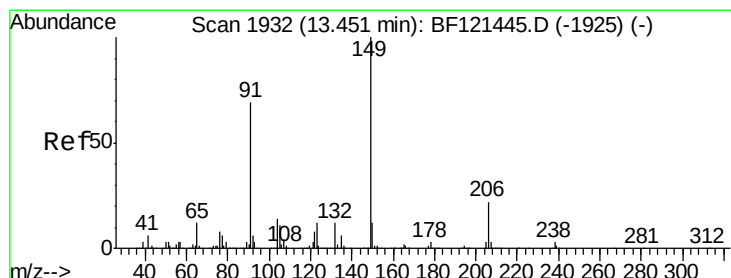
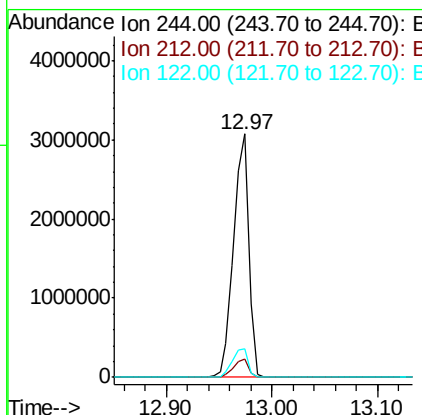
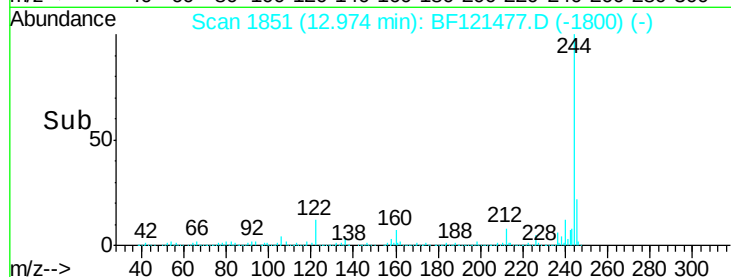
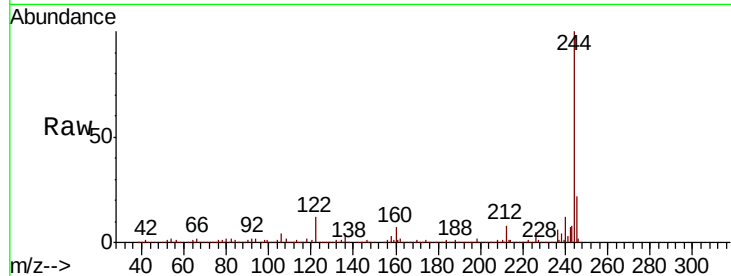
#79  
 Terphenyl-d14  
 Concen: 66.621 ng  
 RT: 12.97 min Scan# 1851  
 Delta R.T. -0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.6   | 6.3   | 9.5   |
| 122     | 11.5  | 9.5   | 14.3  |

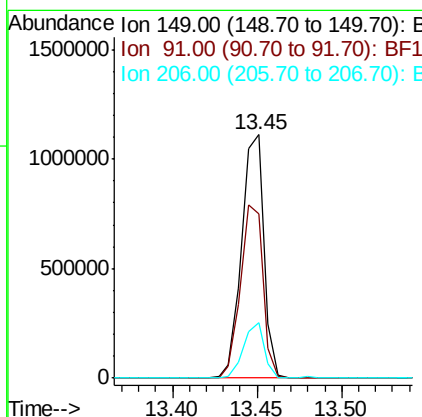
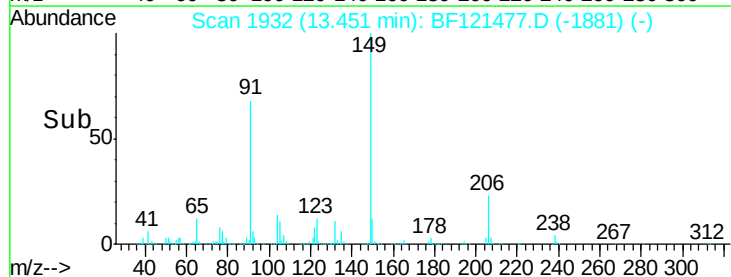
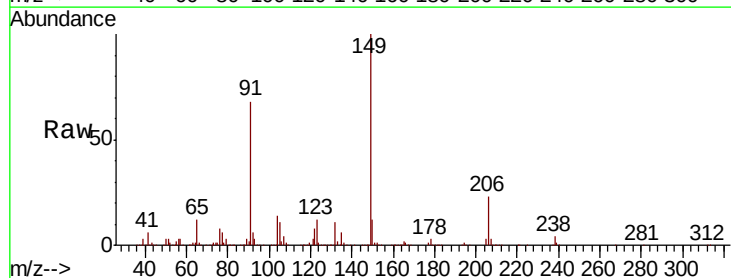
Manual Integrations  
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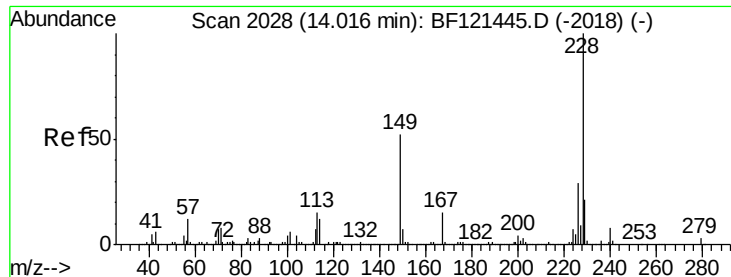
mohammad  
 9/2/2020 1:55:36 PM



#80  
 Butylbenzylphthalate  
 Concen: 38.853 ng  
 RT: 13.45 min Scan# 1932  
 Delta R.T. -0.00 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 67.7  | 55.0  | 82.4  |
| 206     | 22.5  | 17.8  | 26.6  |





#81

Benzo(a)anthracene

Concen: 35.119 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

Instrument :

BNA\_F

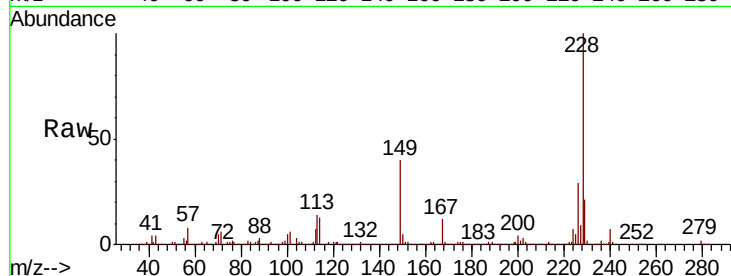
ClientSampled :

PB131291BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 2057167 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 29.3  | 23.0  | 34.4    |
| 229      | 21.1  | 16.6  | 24.8    |

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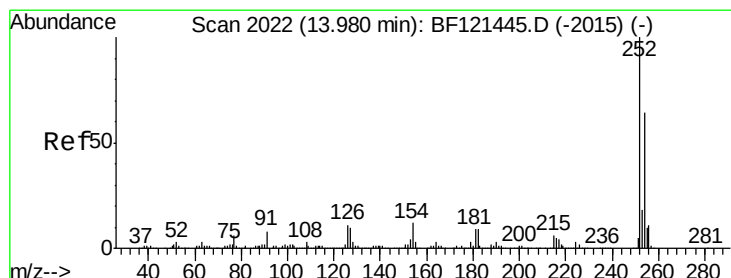
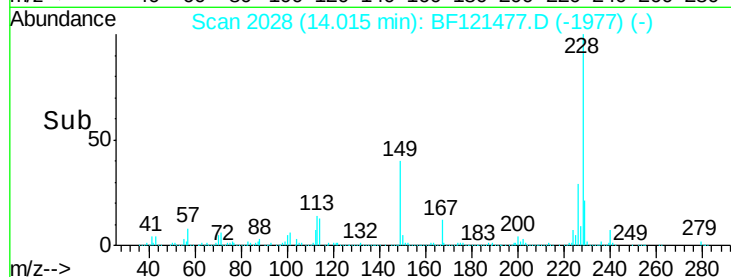
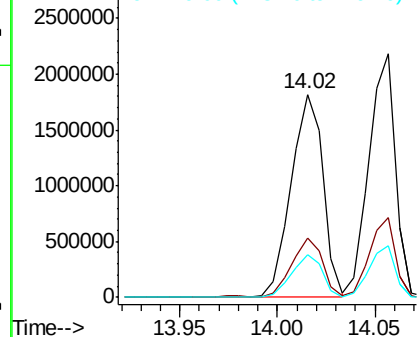


Abundance

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: 32.750 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

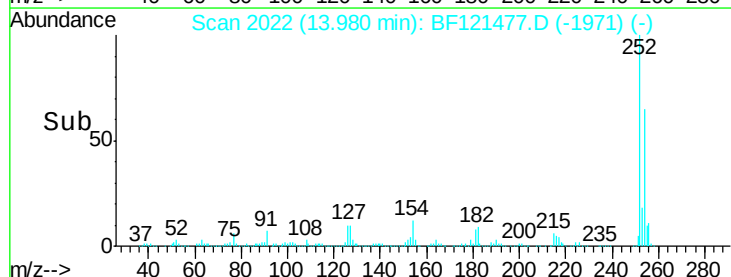
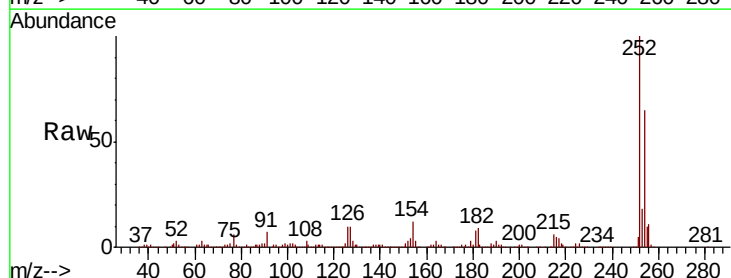
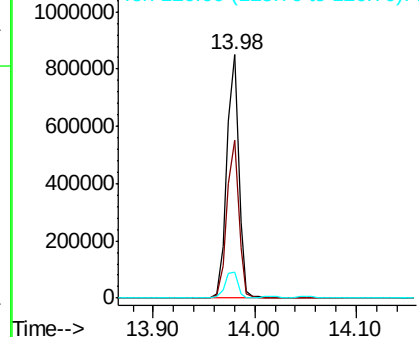
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 702656 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 64.8  | 51.4  | 77.2   |
| 126      | 10.5  | 8.5   | 12.7   |

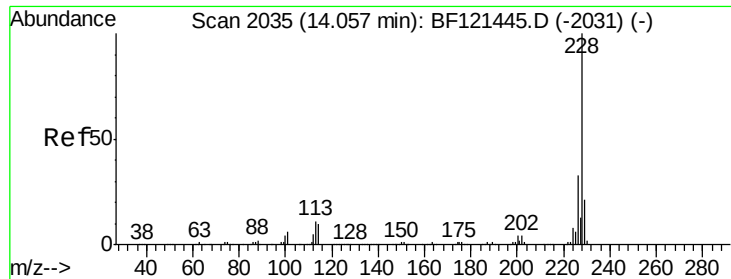
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.273 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

Instrument :

BNA\_F

ClientSampled :

PB131291BS

Tot Ion:228 Resp: 2067138

Ion Ratio Lower Upper

228 100

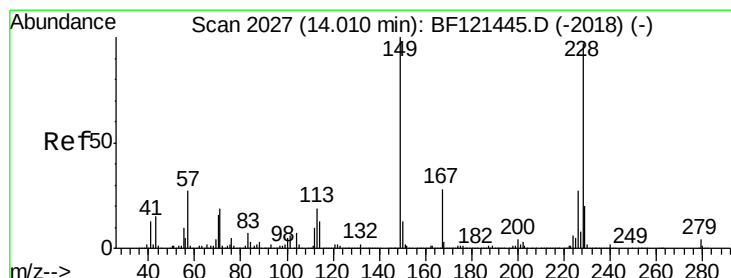
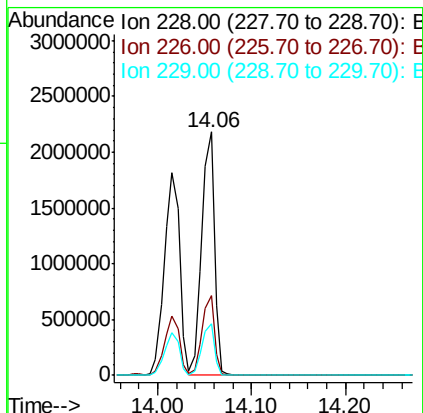
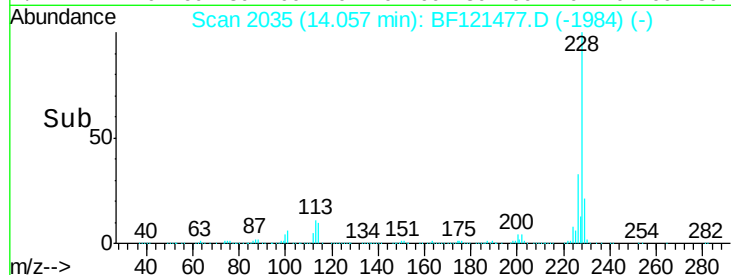
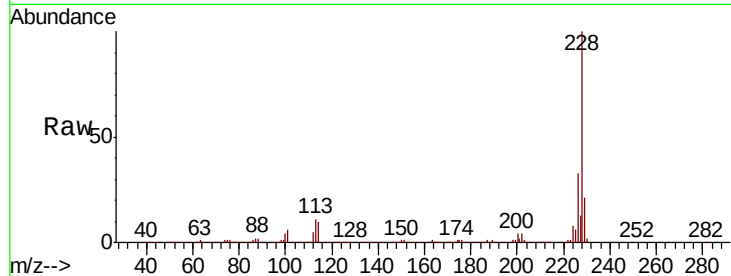
226 32.7 26.2 39.2

229 20.9 16.6 25.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 38.172 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

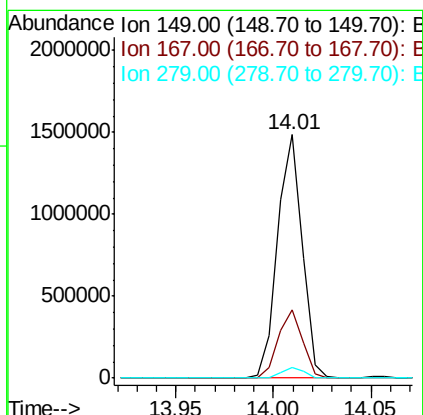
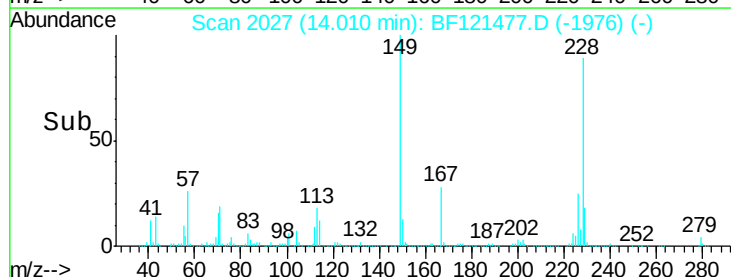
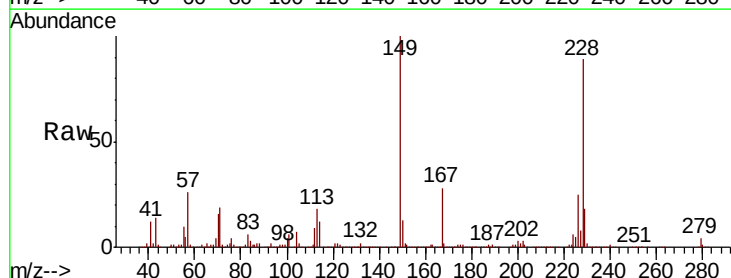
Tgt Ion:149 Resp: 1301592

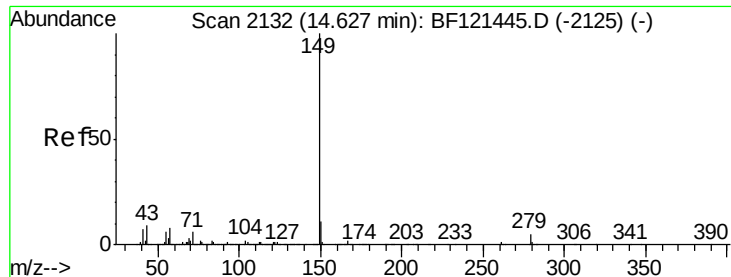
Ion Ratio Lower Upper

149 100

167 28.0 22.6 34.0

279 4.2 3.3 4.9





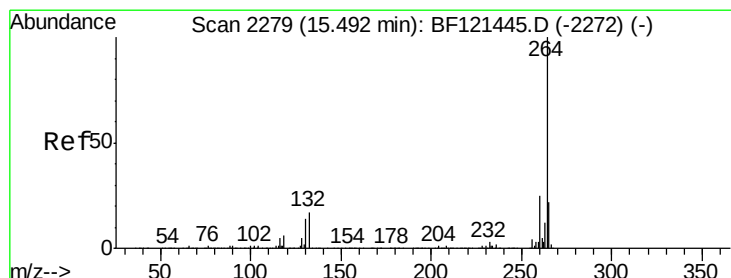
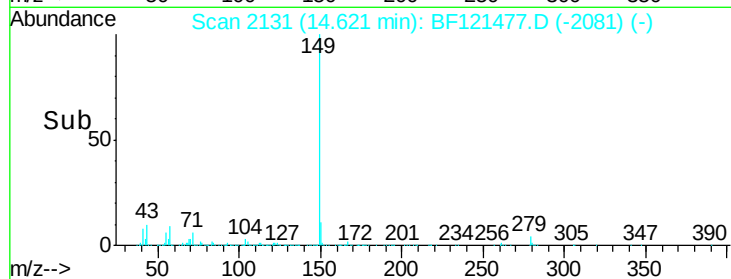
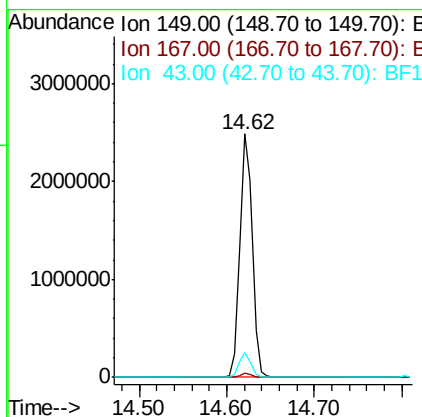
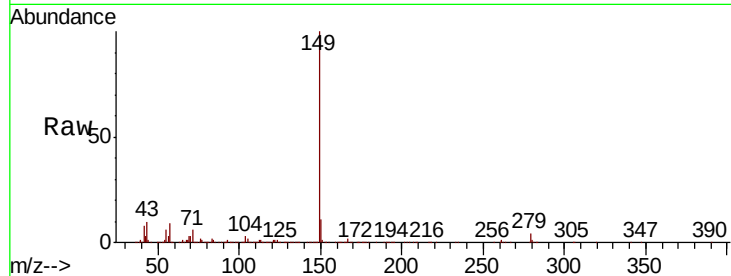
#85  
Di-n-octyl phthalate  
Concen: 40.592 ng  
RT: 14.62 min Scan# 2131  
Delta R.T. -0.01 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.4   | 2.0   |
| 43      | 9.9   | 8.3   | 12.5  |

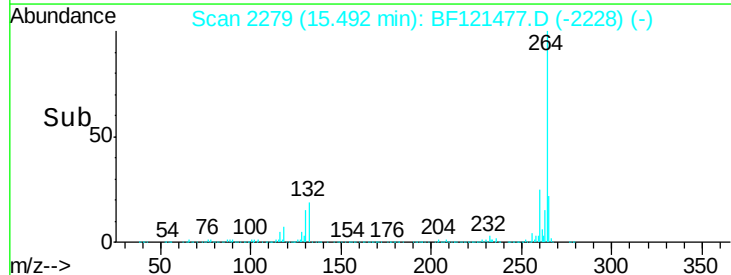
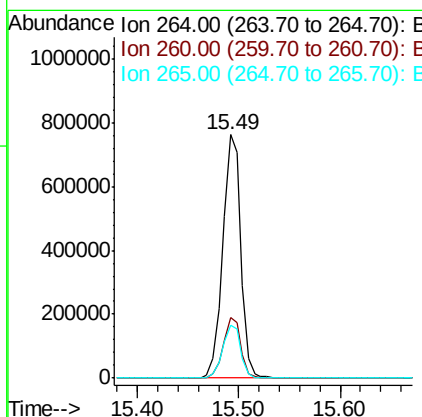
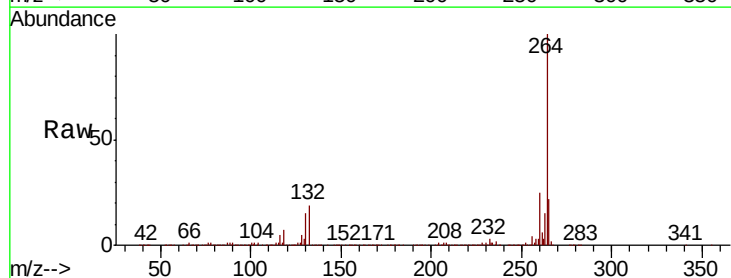
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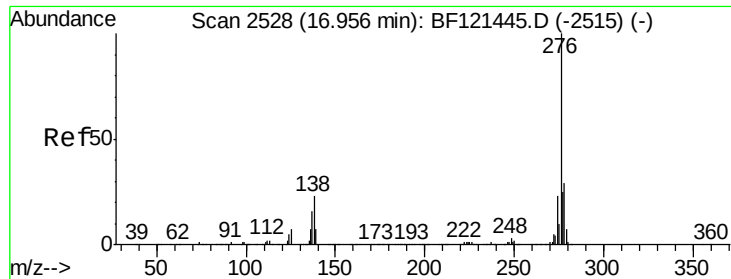
mohammad  
9/2/2020 1:55:36 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.49 min Scan# 2279  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.9  | 19.6  | 29.4  |
| 265     | 21.8  | 17.8  | 26.6  |





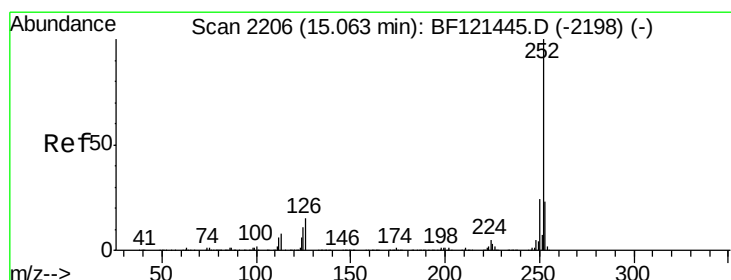
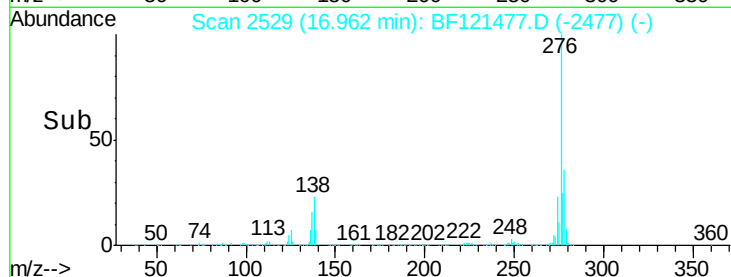
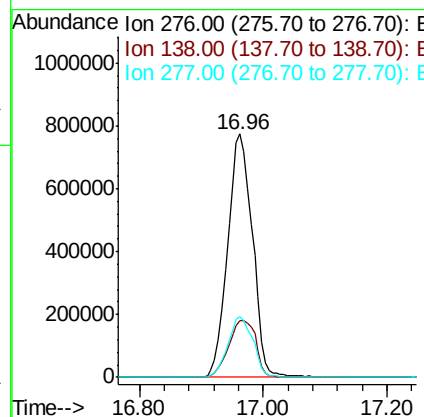
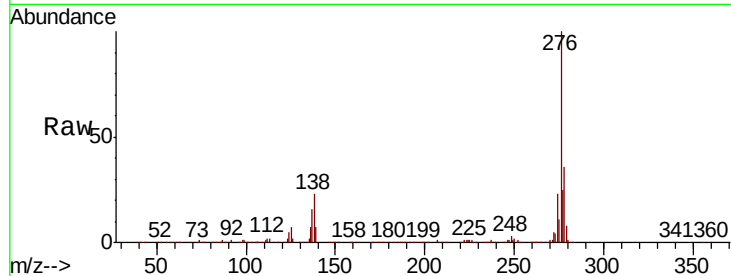
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 37.606 ng  
 RT: 16.96 min Scan# 2529  
 Delta R.T. 0.01 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.8  | 20.6  | 31.0  |
| 277     | 25.3  | 20.5  | 30.7  |

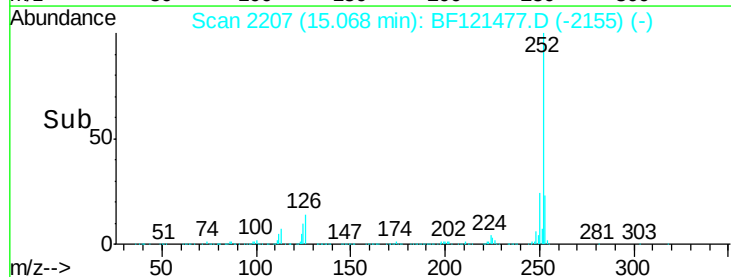
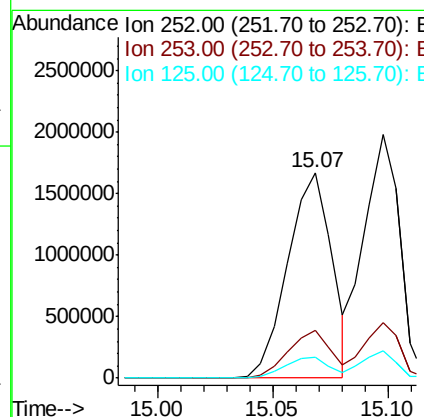
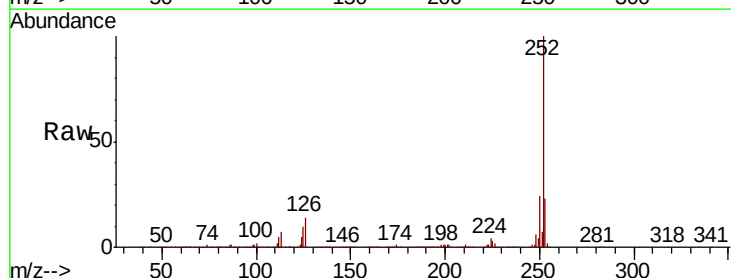
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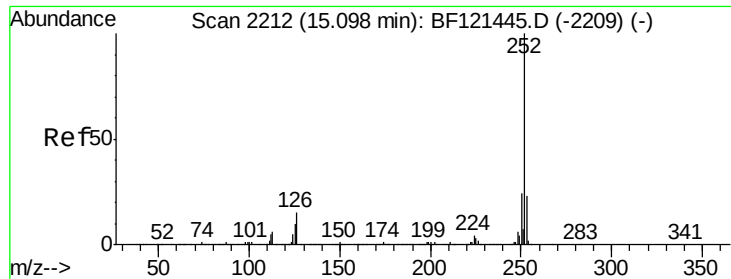


#88  
 Benzo(b)fluoranthene  
 Concen: 36.395 ng  
 RT: 15.07 min Scan# 2207  
 Delta R.T. 0.01 min  
 Lab File: BF121477.D  
 Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 18.3  | 27.5  |
| 125     | 10.4  | 9.2   | 13.8  |







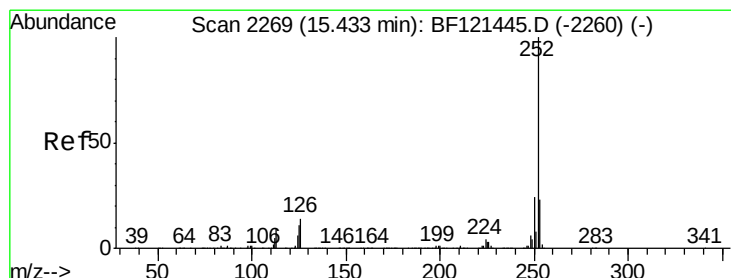
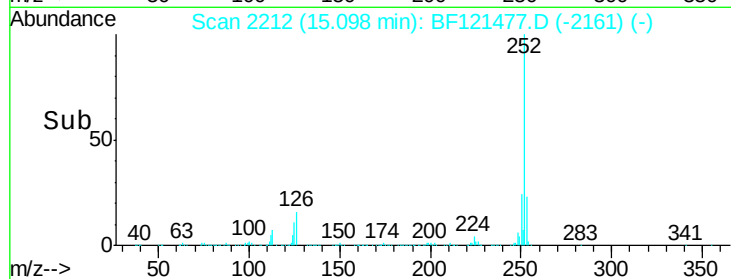
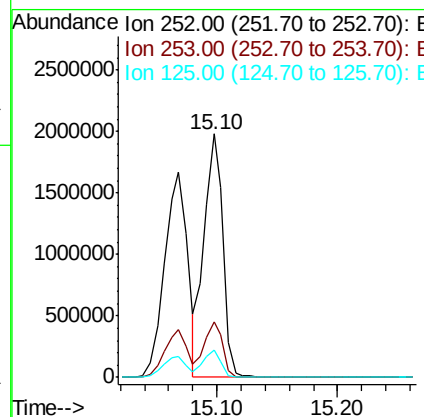
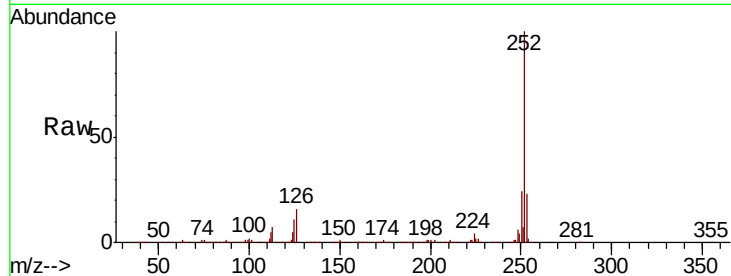
#89  
Benzo(k)fluoranthene  
Concen: 37.707 ng  
RT: 15.10 min Scan# 2212  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

Instrument :  
BNA\_F  
ClientSampled :  
PB131291BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.3  | 27.5  |
| 125     | 11.0  | 8.5   | 12.7  |

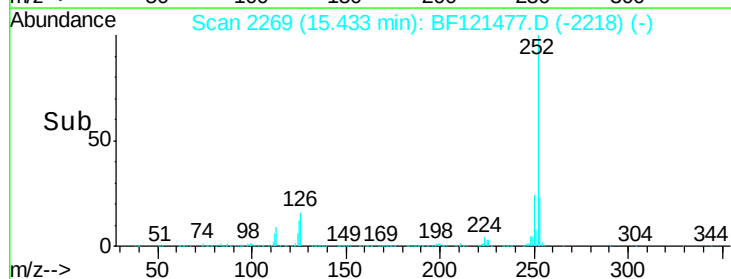
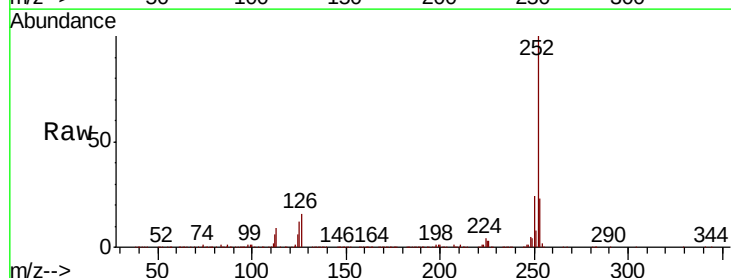
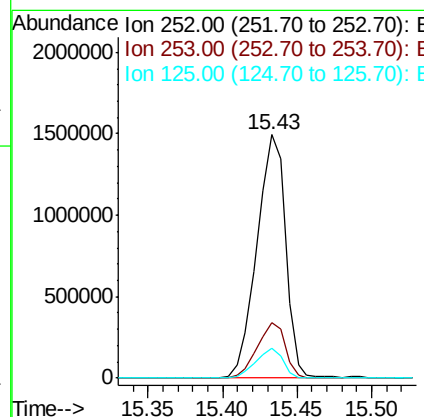
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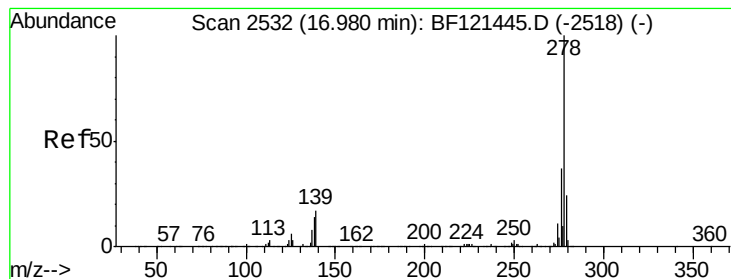
mohammad  
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#90  
Benzo(a)pyrene  
Concen: 36.056 ng  
RT: 15.43 min Scan# 2269  
Delta R.T. -0.00 min  
Lab File: BF121477.D  
Acq: 31 Aug 2020 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.0  | 27.0  |
| 125     | 12.1  | 9.0   | 13.4  |





#91

Dibenzo(a,h)anthracene

Concen: 38.395 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

Instrument :

BNA\_F

ClientSampled :

PB131291BS

Tot Ion:278 Resp: 1814657

Ion Ratio Lower Upper

278 100

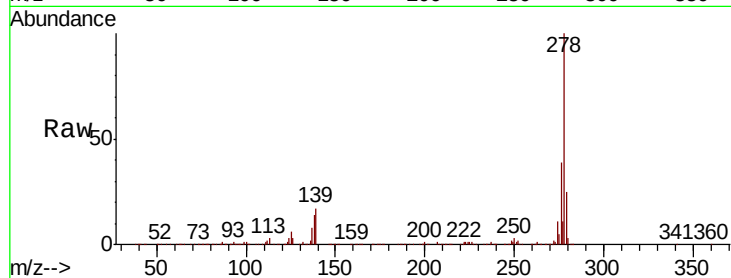
139 17.3 13.3 19.9

279 24.5 19.4 29.0

Manual Integrations  
APPROVED

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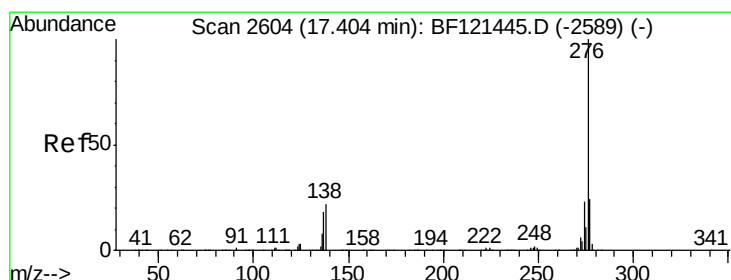
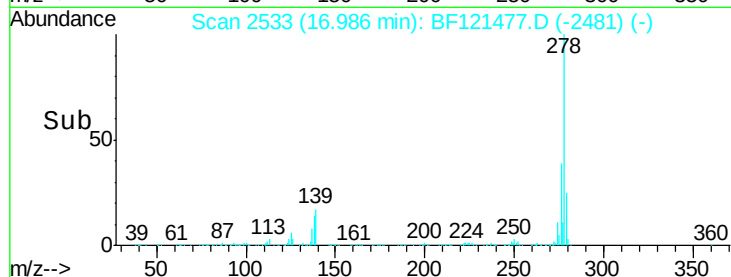
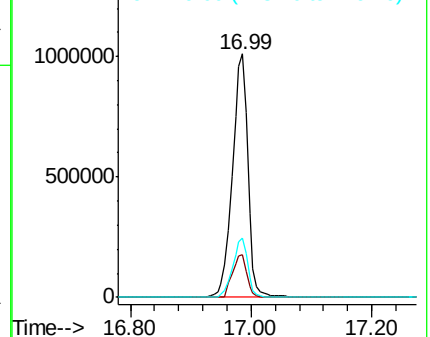
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.408 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.01 min

Lab File: BF121477.D

Acq: 31 Aug 2020 14:47

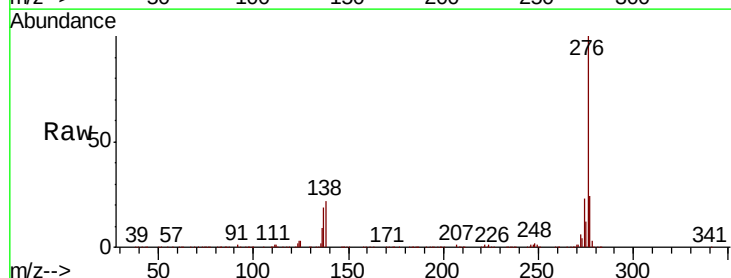
Tgt Ion:276 Resp: 1748685

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 22.3 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

