

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\  
 Data File : BF121370.D  
 Acq On : 21 Aug 2020 16:35  
 Operator : JU/CG  
 Sample : PB131076BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

Manual Integrations  
 APPROVED

Sohil  
 8/24/2020 1:50:07 PM

Quant Time: Aug 21 17:51:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 20 04:56:10 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.69  | 152  | 158257   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.98  | 136  | 633705   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.73  | 164  | 333491   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.22 | 188  | 634105   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.85 | 240  | 474555   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.26 | 264  | 477490   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.32  | 112 | 920187  | 95.34 | ng | 0.02 |
| 7) Phenol-d6             | 6.35  | 99  | 1145034 | 92.93 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.27  | 82  | 967897  | 86.38 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.52 | 330 | 344454  | 88.63 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.06  | 172 | 1686508 | 99.25 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.80 | 244 | 1488502 | 61.29 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.46 | 88  | 164381  | 37.638 | ng | 100    |
| 3) Pyridine                    | 3.16 | 79  | 361561  | 30.845 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.11 | 42  | 182826  | 38.320 | ng | 96     |
| 6) Aniline                     | 6.36 | 93  | 416577  | 29.281 | ng | # 47   |
| 8) 2-Chlorophenol              | 6.49 | 128 | 397402  | 39.396 | ng | 99     |
| 9) Benzaldehyde                | 6.25 | 77  | 239368  | 34.534 | ng | 99     |
| 10) Phenol                     | 6.36 | 94  | 466852  | 36.137 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.44 | 93  | 383982  | 38.593 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.63 | 146 | 416287  | 36.834 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.71 | 146 | 423259  | 37.099 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146 | 378114  | 34.801 | ng | 97     |
| 15) Benzyl Alcohol             | 6.85 | 79  | 280012  | 37.772 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.97 | 45  | 530211  | 36.192 | ng | 84     |
| 17) 2-Methylphenol             | 6.96 | 107 | 325708  | 39.132 | ng | 98     |
| 18) Hexachloroethane           | 7.20 | 117 | 160642  | 37.815 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70  | 256537  | 38.715 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 384613  | 47.021 | ng | # 86   |
| 22) Acetophenone               | 7.11 | 105 | 531489  | 35.874 | ng | 98     |
| 24) Nitrobenzene               | 7.29 | 77  | 410315  | 35.929 | ng | 97     |
| 25) Isophorone                 | 7.53 | 82  | 770917  | 37.806 | ng | 98     |
| 26) 2-Nitrophenol              | 7.60 | 139 | 225240  | 38.457 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.65 | 122 | 359191  | 42.979 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.73 | 93  | 490487  | 35.336 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 335551  | 36.775 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.92 | 180 | 365947  | 35.072 | ng | 99     |
| 31) Naphthalene                | 8.00 | 128 | 1136700 | 36.041 | ng | 99     |
| 32) Benzoic acid               | 7.79 | 122 | 189357  | 31.779 | ng | 98     |
| 33) 4-Chloroaniline            | 8.05 | 127 | 345210  | 24.718 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.12 | 225 | 210035  | 34.014 | ng | 98     |
| 35) Caprolactam                | 8.43 | 113 | 108548m | 36.324 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 347213  | 37.624 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.69 | 142 | 772575  | 37.793 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.79 | 142 | 717173  | 36.897 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.86 | 216 | 358143  | 36.183 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\  
 Data File : BF121370.D  
 Acq On : 21 Aug 2020 16:35  
 Operator : JU/CG  
 Sample : PB131076BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

Manual Integrations  
 APPROVED

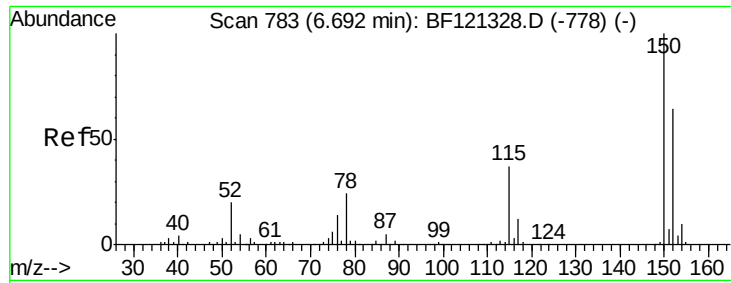
Sohil  
 8/24/2020 1:50:07 PM

Quant Time: Aug 21 17:51:53 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 20 04:56:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.85  | 237  | 301009   | 77.035 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 8.97  | 196  | 242197   | 35.792 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.02  | 196  | 261127   | 37.509 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.16  | 154  | 923830   | 36.960 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.18  | 162  | 710035   | 34.480 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.28  | 65   | 225106   | 34.718 | ng    | 99       |
| 49) Acenaphthylene             | 9.59  | 152  | 1124081  | 36.750 | ng    | 100      |
| 50) Dimethylphthalate          | 9.46  | 163  | 857071   | 35.325 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.53  | 165  | 193019   | 37.251 | ng    | 97       |
| 52) Acenaphthene               | 9.76  | 154  | 653634   | 35.170 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.69  | 138  | 146970   | 22.674 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 9.81  | 184  | 188183   | 75.332 | ng    | 96       |
| 55) Dibenzofuran               | 9.94  | 168  | 962144   | 39.956 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.87  | 139  | 267332   | 66.873 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 9.93  | 165  | 227033   | 35.915 | ng    | 93       |
| 58) Fluorene                   | 10.28 | 166  | 720902   | 40.732 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 214074   | 35.971 | ng    | 99       |
| 60) Diethylphthalate           | 10.16 | 149  | 835393   | 35.261 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.27 | 204  | 355611   | 39.744 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.31 | 138  | 211891   | 31.904 | ng    | 100      |
| 63) Azobenzene                 | 10.43 | 77   | 786959   | 35.762 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 139654   | 41.182 | ng    | 90       |
| 66) n-Nitrosodiphenylamine     | 10.39 | 169  | 707488   | 36.171 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.76 | 248  | 246312   | 35.018 | ng    | 96       |
| 68) Hexachlorobenzene          | 10.83 | 284  | 276526   | 34.106 | ng    | 99       |
| 69) Atrazine                   | 10.93 | 200  | 204322   | 33.722 | ng    | 99       |
| 70) Pentachlorophenol          | 11.03 | 266  | 268724   | 74.492 | ng    | 98       |
| 71) Phenanthrene               | 11.24 | 178  | 1097634  | 33.446 | ng    | 100      |
| 72) Anthracene                 | 11.29 | 178  | 1155699  | 36.569 | ng    | 100      |
| 73) Carbazole                  | 11.45 | 167  | 1063976  | 35.277 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.78 | 149  | 1303647  | 35.844 | ng    | 100      |
| 75) Fluoranthene               | 12.43 | 202  | 1206610  | 33.873 | ng    | 98       |
| 77) Benzidine                  | 12.55 | 184  | 675999   | 51.704 | ng    | 99       |
| 78) Pyrene                     | 12.66 | 202  | 1232316  | 34.570 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.27 | 149  | 552406   | 36.064 | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.84 | 228  | 982159   | 33.322 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.80 | 252  | 308520   | 27.262 | ng    | 99       |
| 83) Chrysene                   | 13.88 | 228  | 1036322  | 34.377 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.83 | 149  | 656198   | 36.429 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.44 | 149  | 1241571  | 37.245 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 1000464  | 34.325 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 14.86 | 252  | 1109643  | 35.972 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 14.89 | 252  | 893031   | 32.887 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.20 | 252  | 911718   | 34.206 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.64 | 278  | 831240   | 34.783 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 17.04 | 276  | 837785   | 35.859 | ng    | 99       |

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





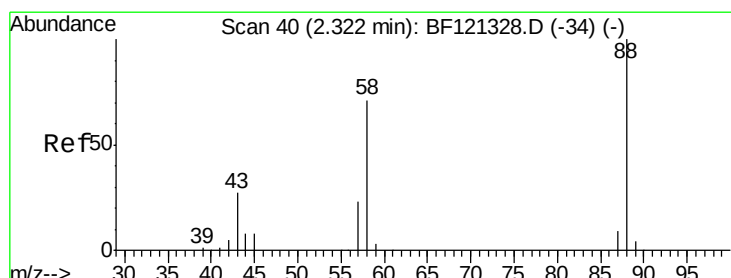
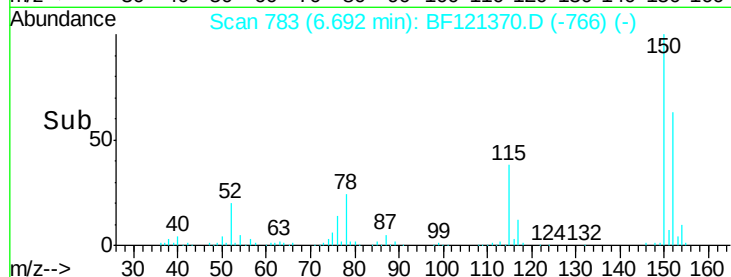
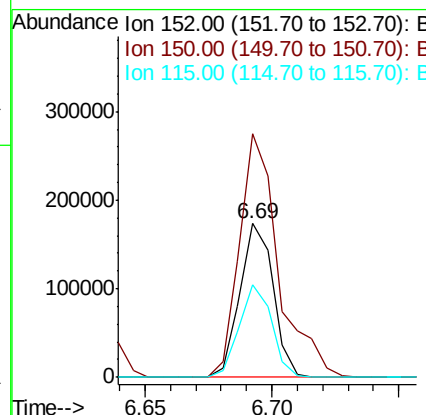
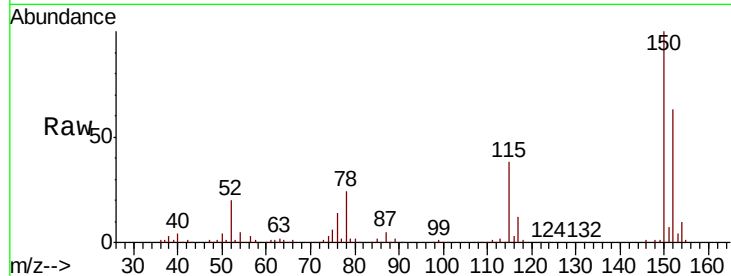
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.69 min Scan# 783  
 Delta R.T. -0.00 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.7 | 124.8 | 187.2 |
| 115     | 60.5  | 46.1  | 69.1  |

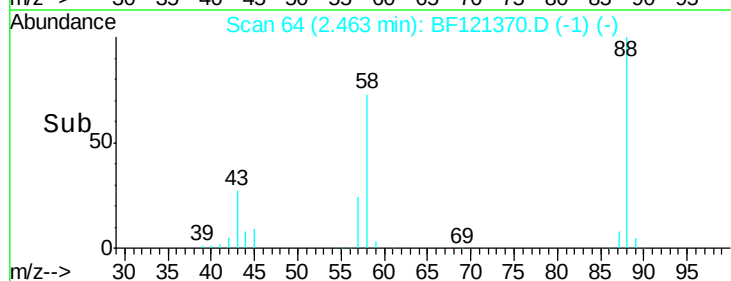
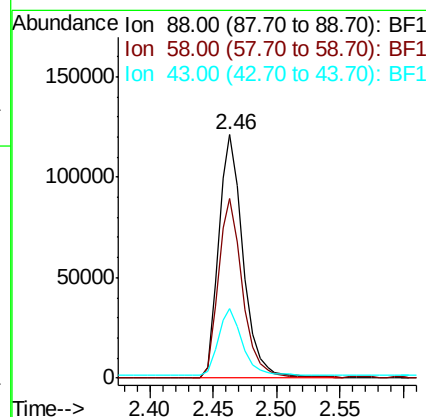
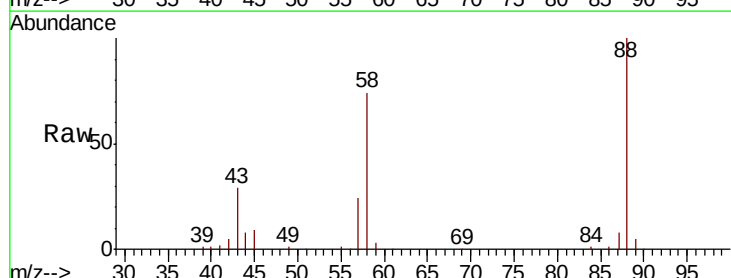
Manual Integrations  
 APPROVED

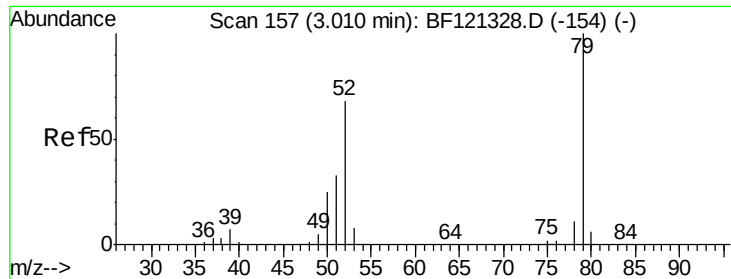
Sohil  
 8/24/2020 1:50:07 PM



#2  
 1,4-Dioxane  
 Concen: 37.638 ng  
 RT: 2.46 min Scan# 64  
 Delta R.T. 0.14 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 72.8  | 58.5  | 87.7  |
| 43      | 26.9  | 21.8  | 32.8  |





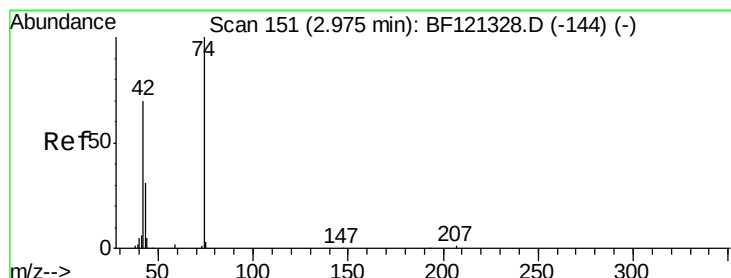
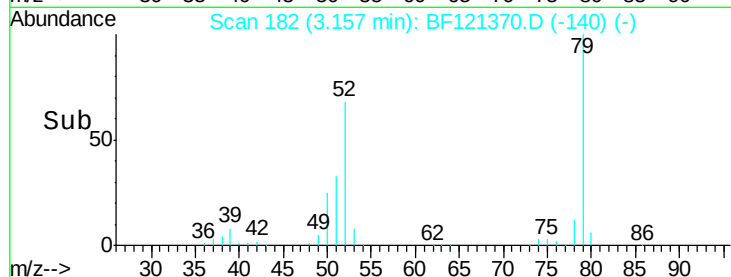
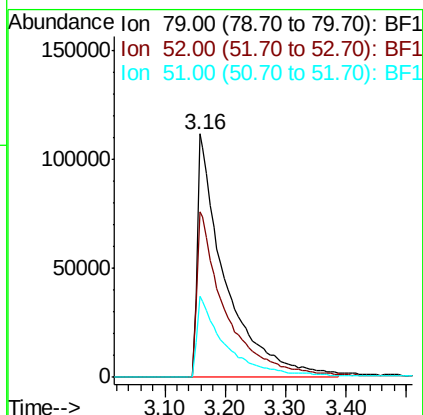
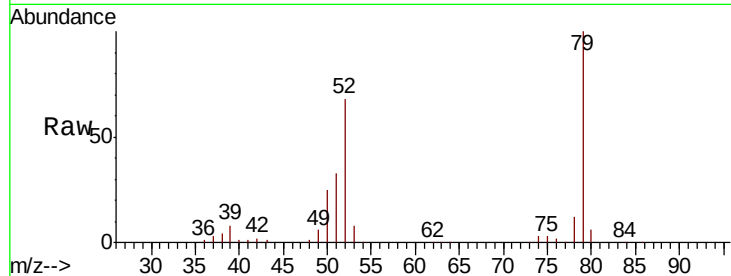
#3  
 Pvridine  
 Concen: 30.845 ng  
 RT: 3.16 min Scan# 182  
 Delta R.T. 0.15 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 68.2  | 54.6  | 82.0  |
| 51      | 33.3  | 27.0  | 40.6  |

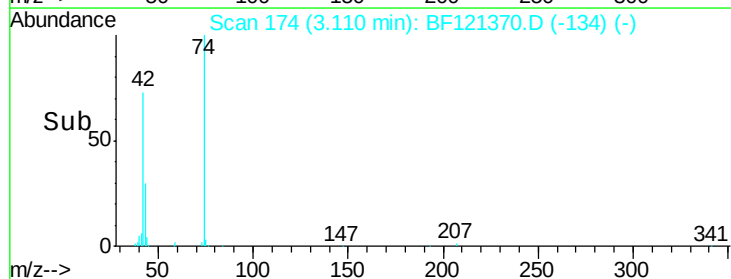
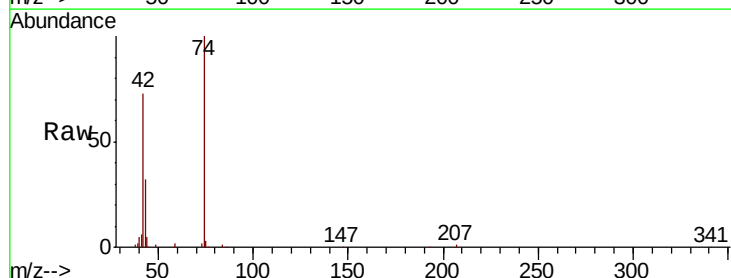
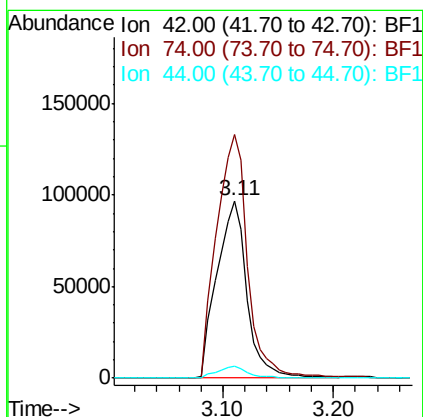
Manual Integrations  
 APPROVED

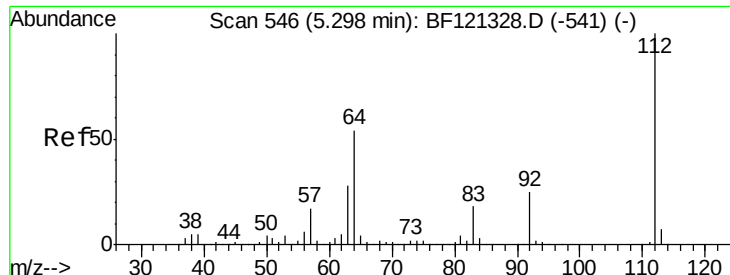
Sohil  
 8/24/2020 1:50:07 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 38.320 ng  
 RT: 3.11 min Scan# 174  
 Delta R.T. 0.14 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 137.2 | 114.2 | 171.2 |
| 44      | 6.5   | 5.4   | 8.2   |





#5

2-Fluorophenol

Concen: 95.343 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.02 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

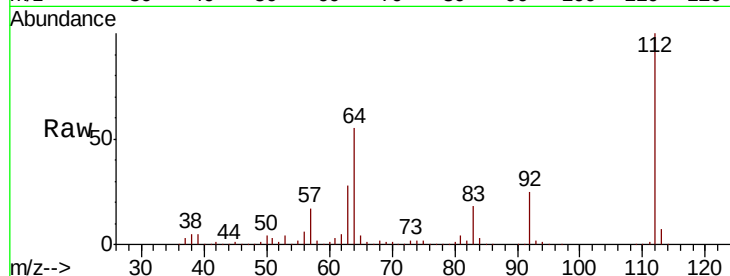
ClientSampled :

PB131076BS

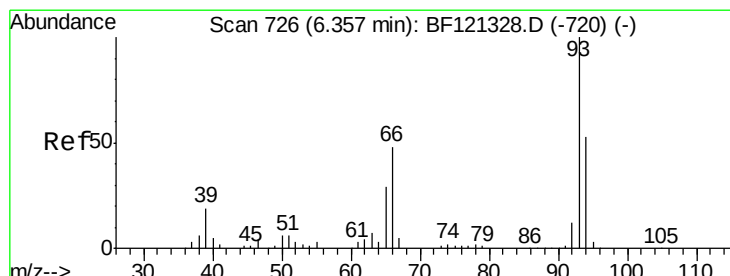
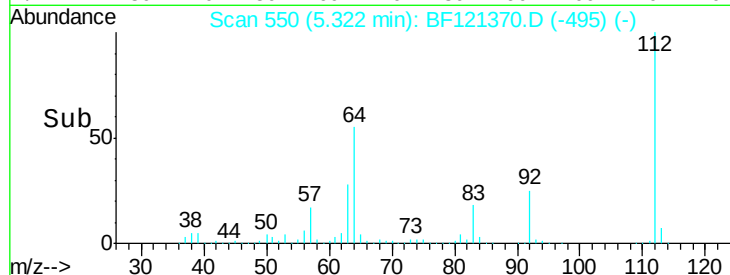
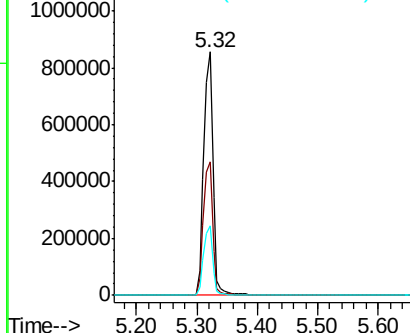
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 920187 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 54.7  | 43.5  | 65.3   |
| 63        | 28.3  | 22.0  | 33.0   |

Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.281 ng

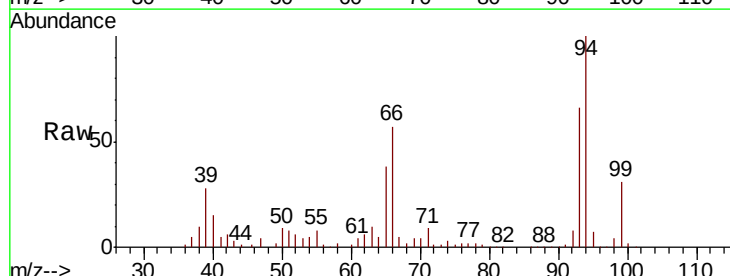
RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

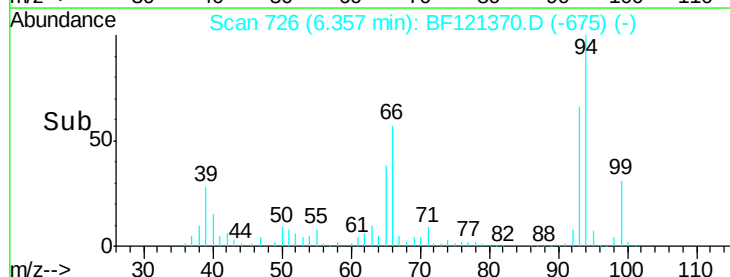
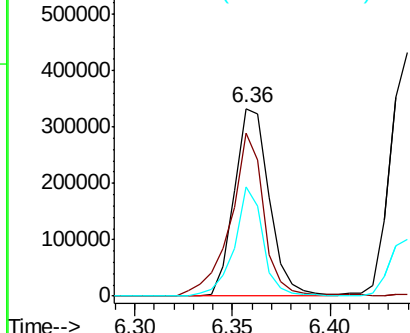
Lab File: BF121370.D

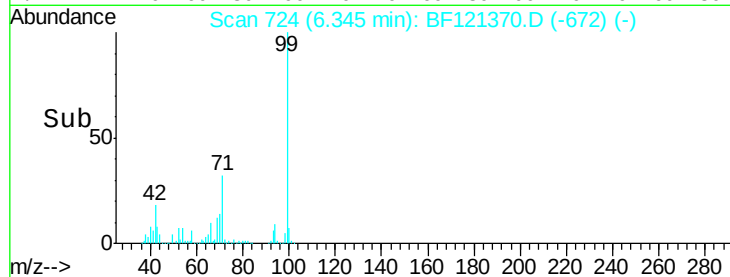
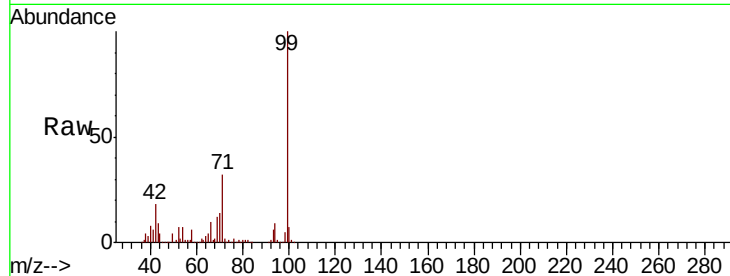
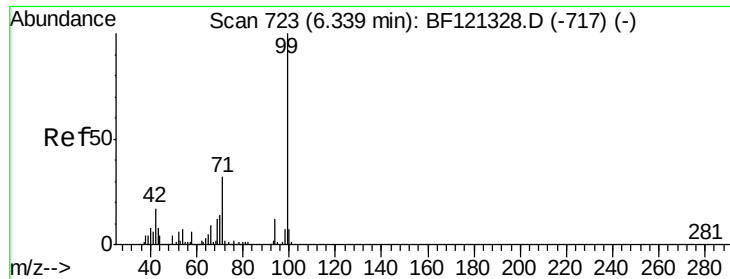
Acq: 21 Aug 2020 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 416577 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 86.7  | 40.2  | 60.2#  |
| 65        | 58.0  | 23.6  | 35.4#  |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.935 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Tot Ion: 99 Resp: 1145034

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 32.1 25.2 37.8

Instrument :

BNA\_F

ClientSampled :

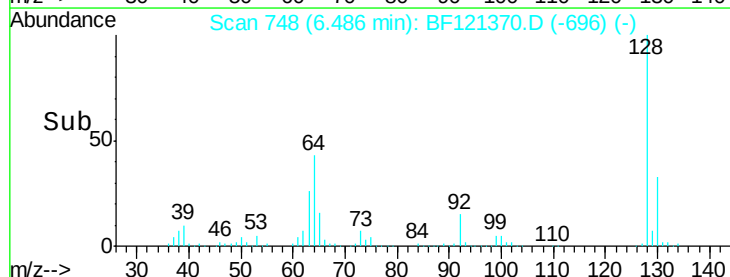
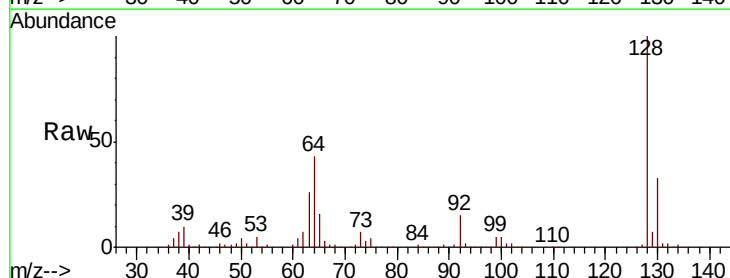
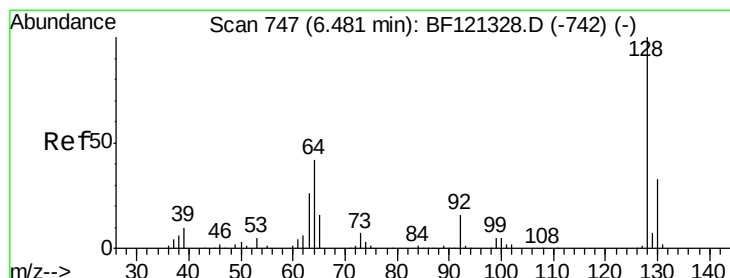
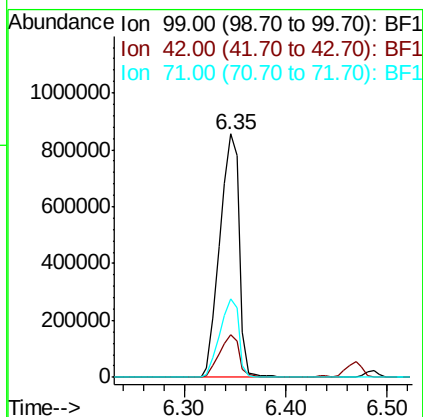
PB131076BS

Manual Integrations

APPROVED

Sohil

8/24/2020 1:50:07 PM



#8

2-Chlorophenol

Concen: 39.396 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

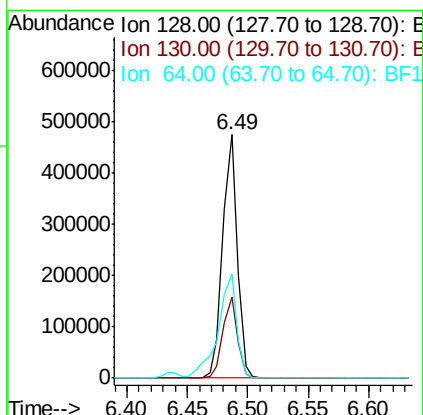
Tgt Ion: 128 Resp: 397402

Ion Ratio Lower Upper

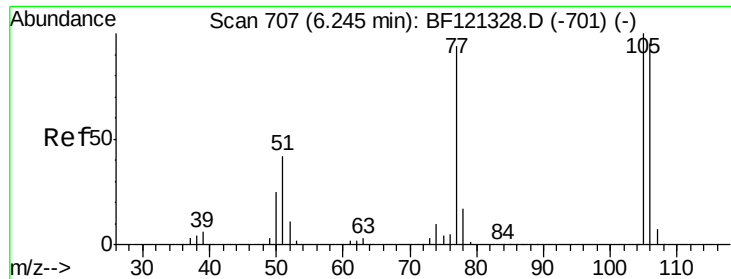
128 100

130 33.1 12.8 52.8

64 42.9 23.4 63.4







#9

Benzaldehyde

Concen: 34.534 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

ClientSampleId :

PB131076BS

Tot Ion: 77 Resp: 239368

Ion Ratio Lower Upper

77 100

105 105.0 86.3 126.3

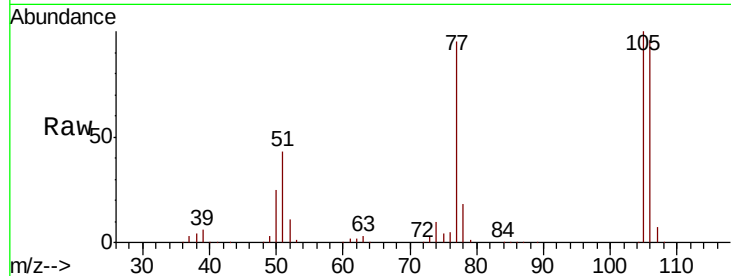
106 100.7 81.2 121.2

Manual Integrations

APPROVED

Sohil

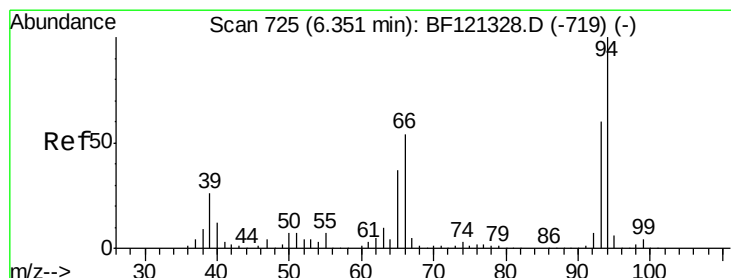
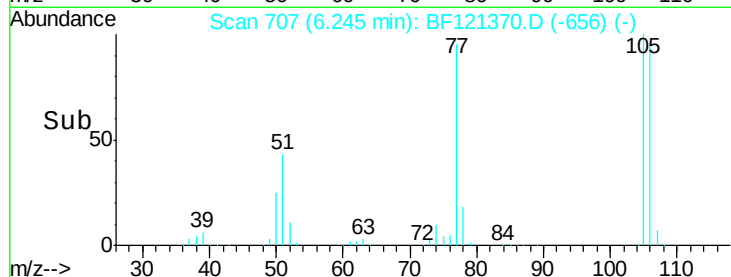
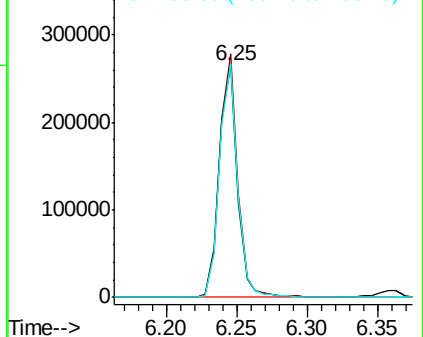
8/24/2020 1:50:07 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.137 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

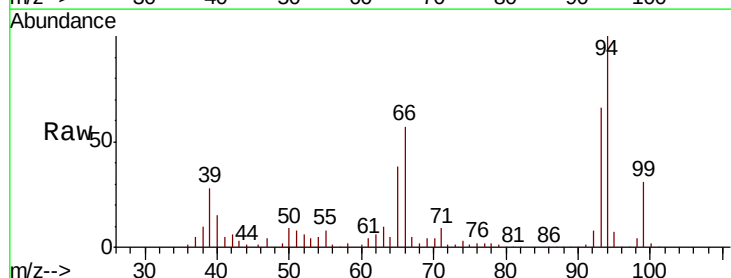
Tgt Ion: 94 Resp: 466852

Ion Ratio Lower Upper

94 100

65 38.5 16.6 56.6

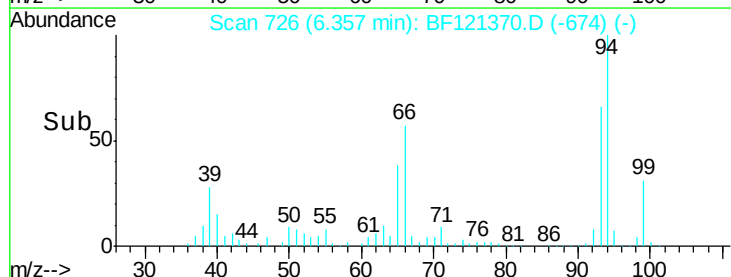
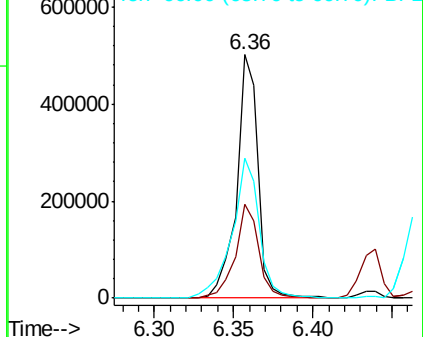
66 57.5 34.3 74.3



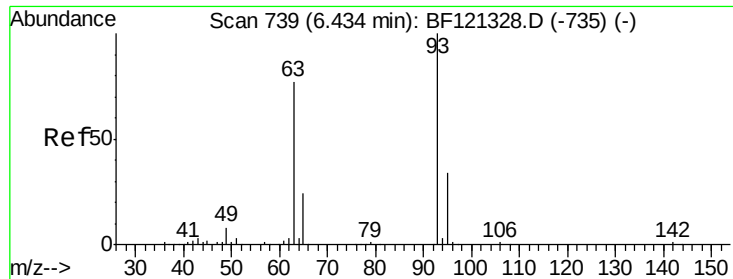
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







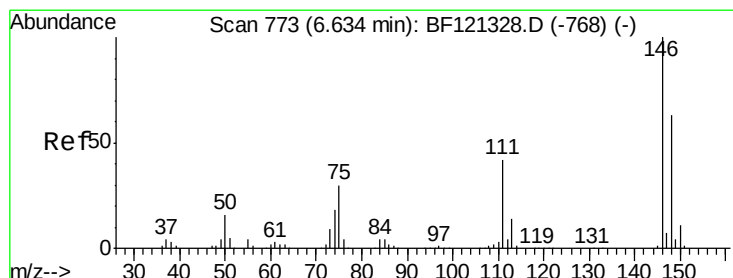
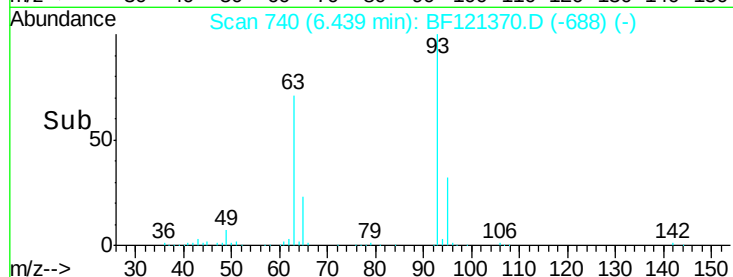
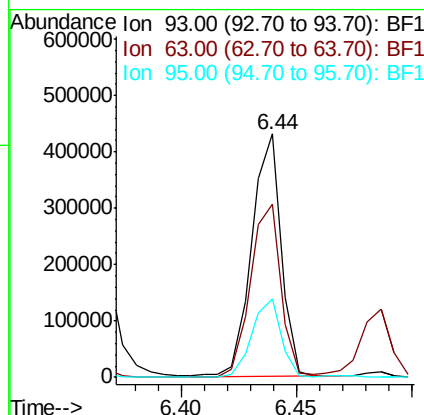
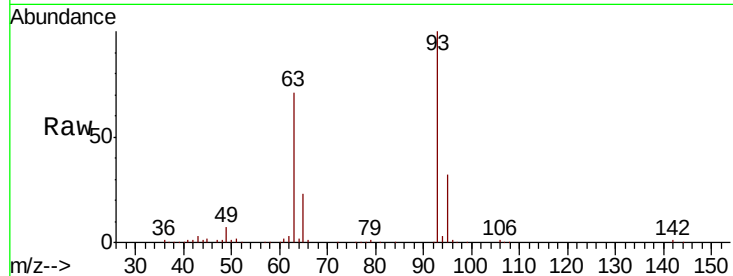
#11  
bis(2-Chloroethyl)ether  
Concen: 38.593 ng  
RT: 6.44 min Scan# 740  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 383982 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 71.4  | 56.4  | 96.4   |
| 95        | 32.5  | 13.5  | 53.5   |

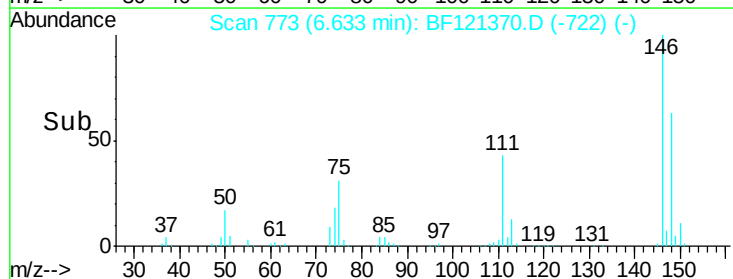
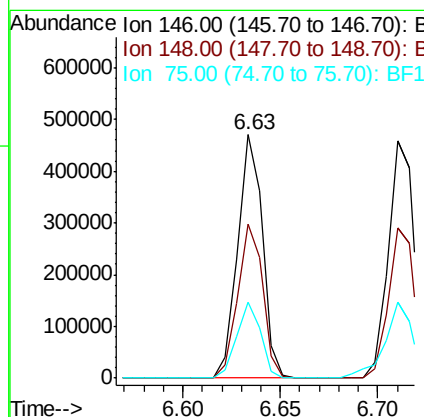
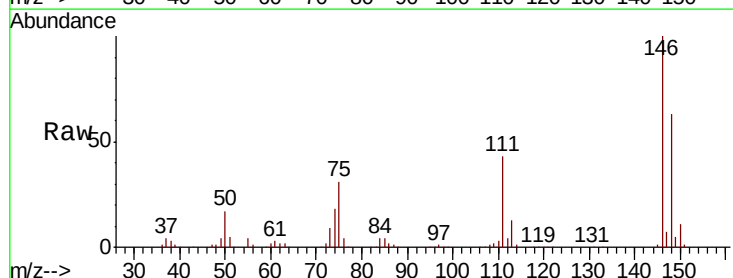
Manual Integrations  
APPROVED

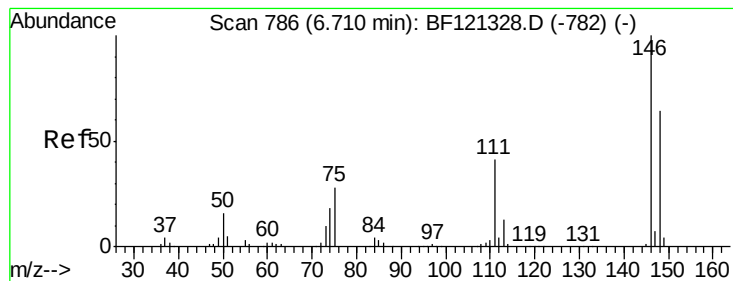
Sohil  
8/24/2020 1:50:07 PM



#12  
1,3-Dichlorobenzene  
Concen: 36.834 ng  
RT: 6.63 min Scan# 773  
Delta R.T. -0.00 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 416287 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.1  | 50.7  | 76.1   |
| 75        | 31.2  | 23.8  | 35.6   |





#13

1,4-Dichlorobenzene

Concen: 37.099 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

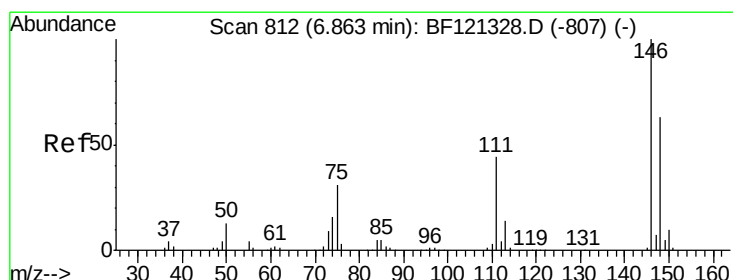
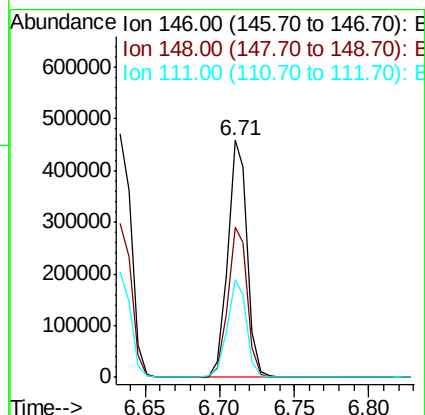
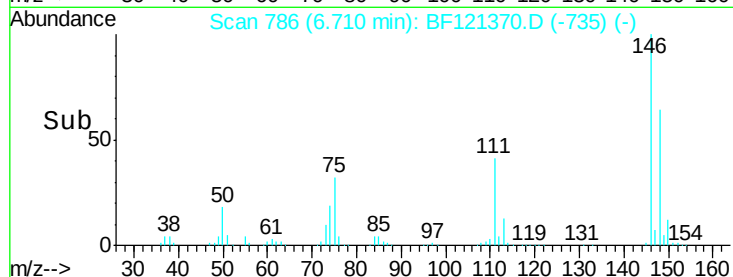
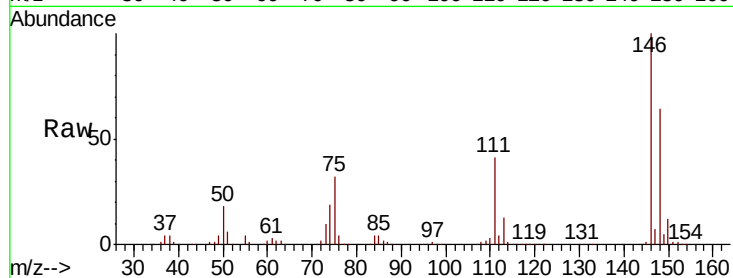
ClientSampleId :

PB131076BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 423259 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.6  | 51.2  | 76.8   |
| 111       | 41.5  | 33.3  | 49.9   |

Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM



#14

1,2-Dichlorobenzene

Concen: 34.801 ng

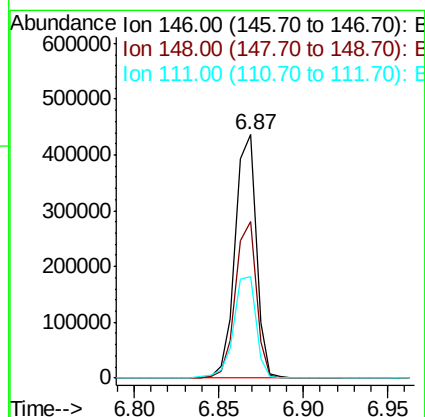
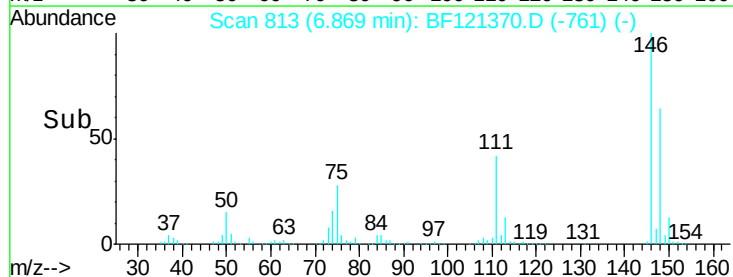
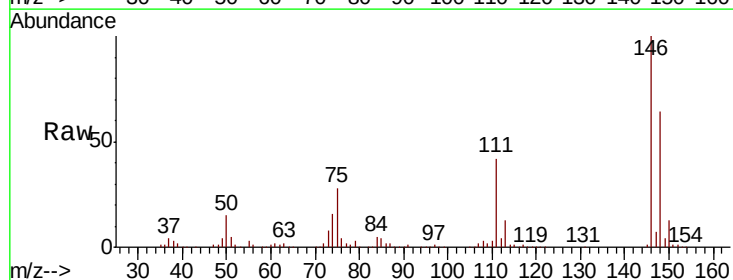
RT: 6.87 min Scan# 813

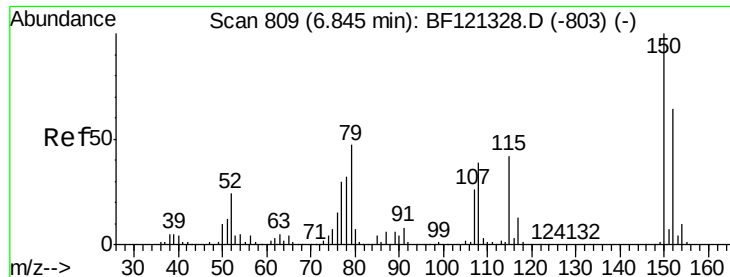
Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 378114 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.5  | 50.3  | 75.5   |
| 111       | 42.0  | 35.5  | 53.3   |





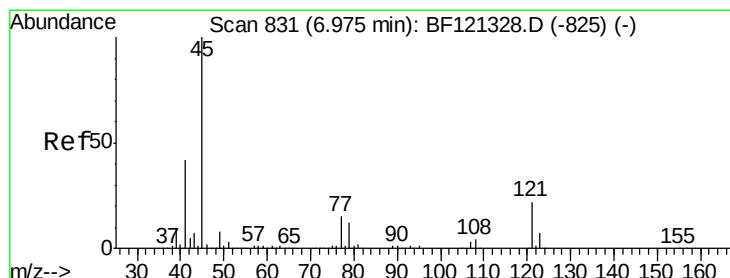
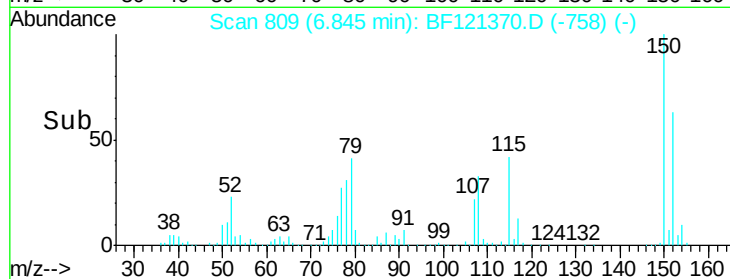
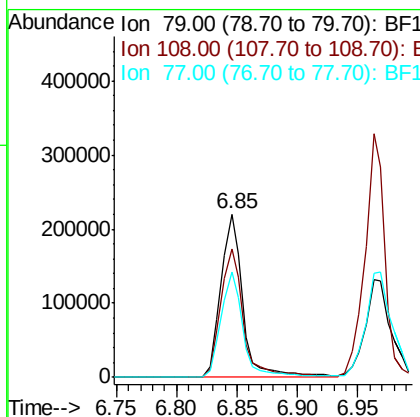
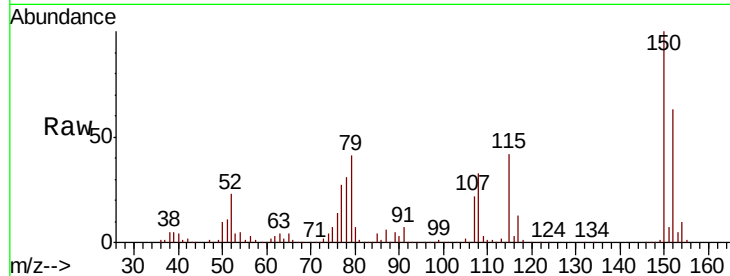
#15  
Benzyl Alcohol  
Concen: 37.772 ng  
RT: 6.85 min Scan# 809  
Delta R.T. 0.00 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 79.1  | 65.2  | 97.8  |
| 77      | 64.5  | 51.4  | 77.0  |

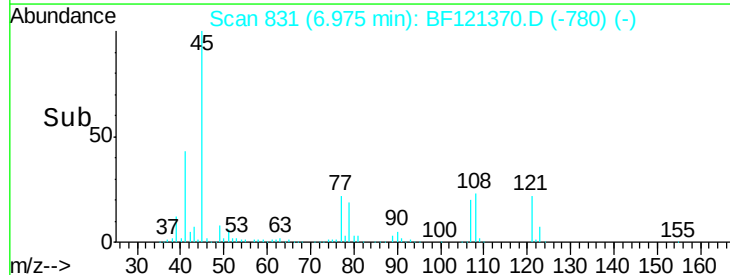
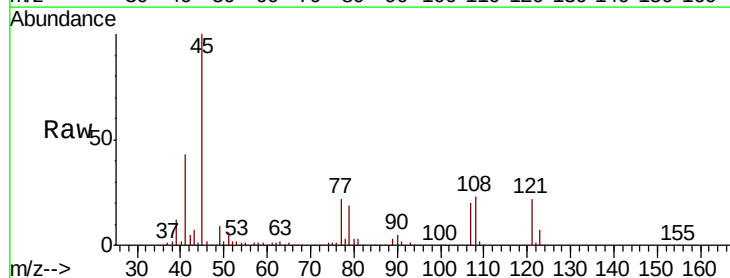
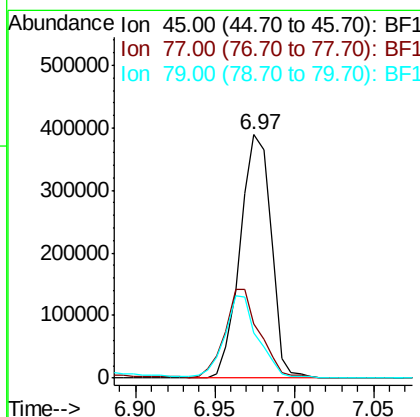
Manual Integrations  
APPROVED

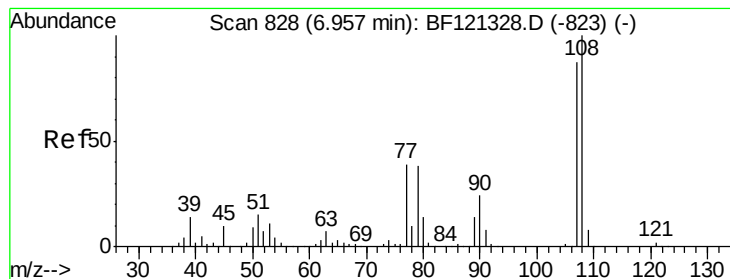
Sohil  
8/24/2020 1:50:07 PM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 36.192 ng  
RT: 6.97 min Scan# 831  
Delta R.T. -0.00 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 22.4  | 0.0   | 35.6  |
| 79      | 18.8  | 0.0   | 32.5  |





#17

2-Methylphenol

Concen: 39.132 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

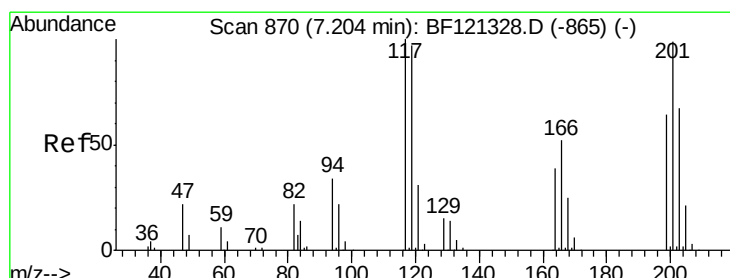
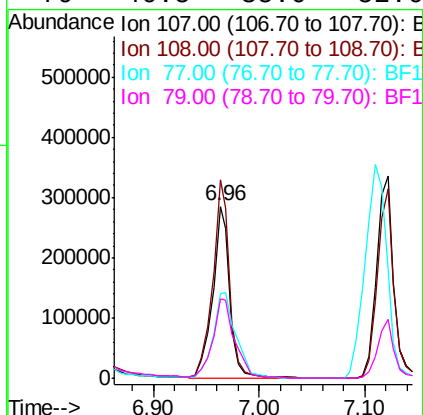
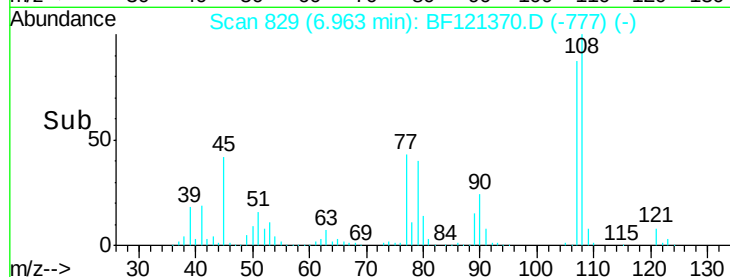
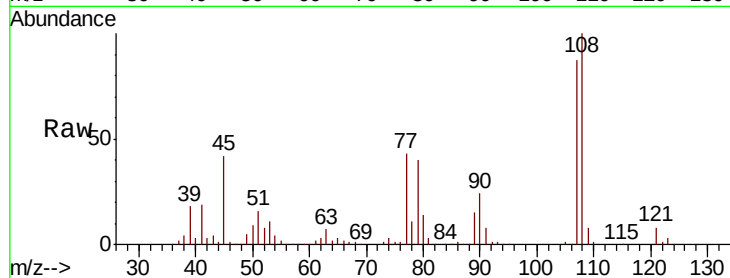
ClientSampleID :

PB131076BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 115.3 | 92.4 | 138.6 |       |
| 77      | 49.5  | 36.1 | 54.1  |       |
| 79      | 46.5  | 35.0 | 52.6  |       |

Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM



#18

Hexachloroethane

Concen: 37.815 ng

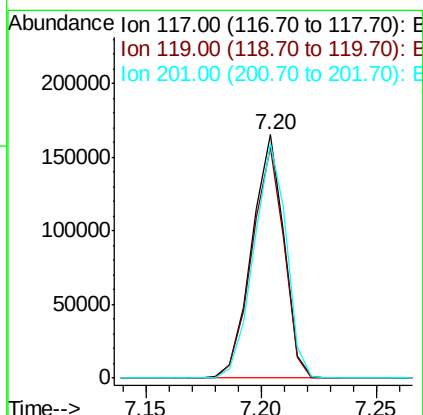
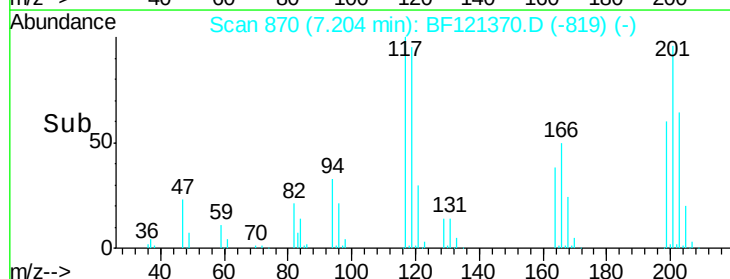
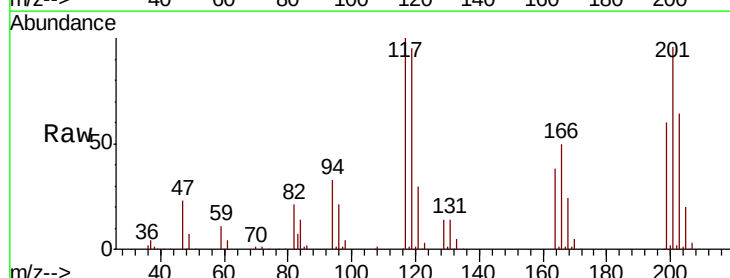
RT: 7.20 min Scan# 870

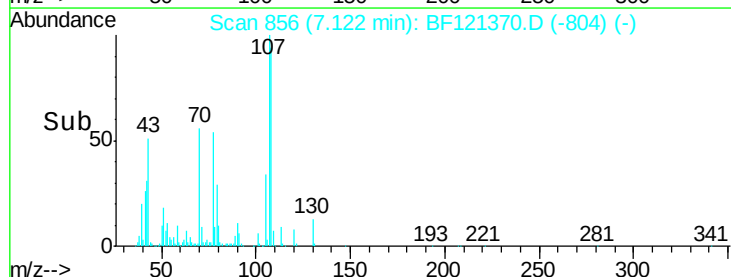
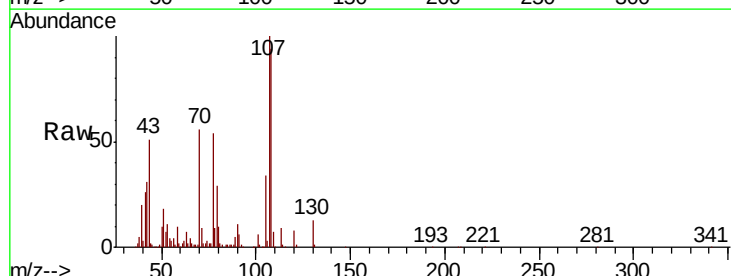
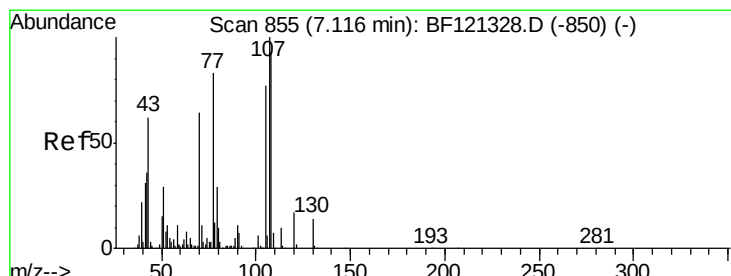
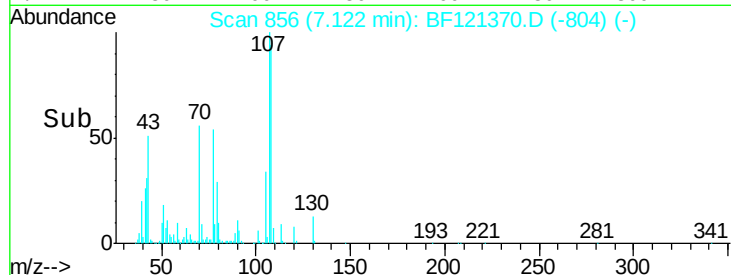
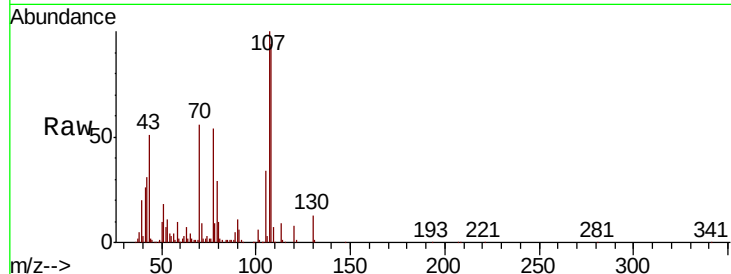
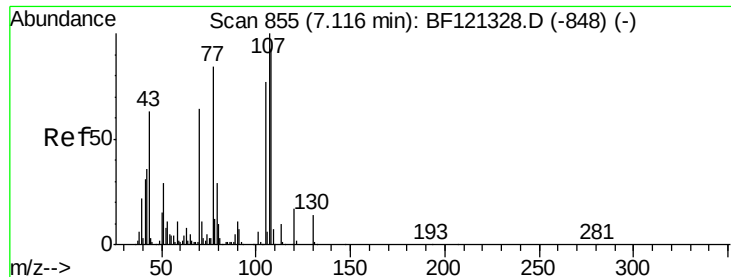
Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

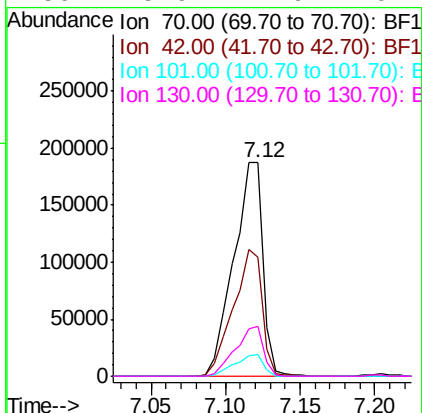
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.9  | 77.9 | 116.9 |       |
| 201     | 96.3  | 79.4 | 119.0 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.715 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 55.8 | 45.2  | 67.8  |       |
| 101     | 9.9  | 7.7   | 11.5  |       |
| 130     | 23.6 | 17.6  | 26.4  |       |



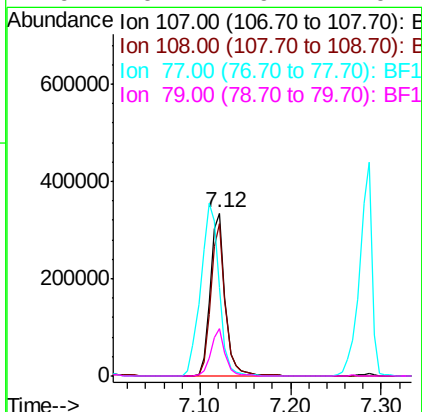
Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

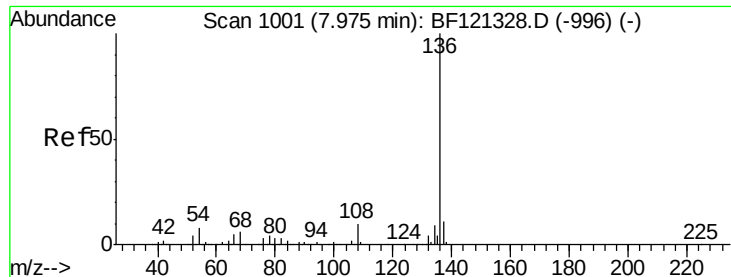
Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM

#20  
3+4-Methylphenols  
Concen: 47.021 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ion  | Ratio | Lower  | Upper |
|---------|------|-------|--------|-------|
| 107     | 100  |       |        |       |
| 108     | 93.7 | 72.6  | 112.6  |       |
| 77      | 53.8 | 63.8  | 103.8# |       |
| 79      | 29.4 | 9.1   | 49.1   |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

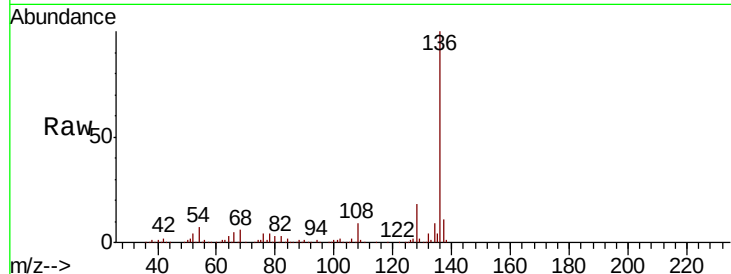
ClientSampleId :

PB131076BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 633705 |       |       |
| 137     | 10.9  |        | 8.9   | 13.3  |
| 54      | 7.2   |        | 6.1   | 9.1   |
| 68      | 5.7   |        | 5.0   | 7.4   |

Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM



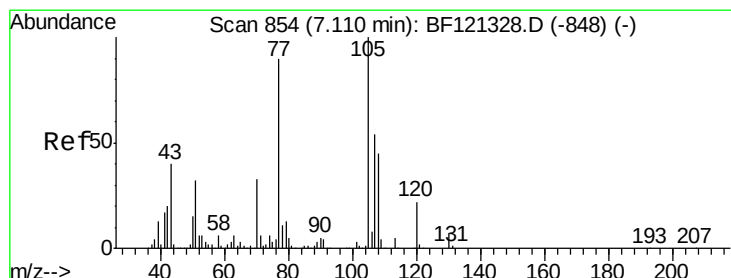
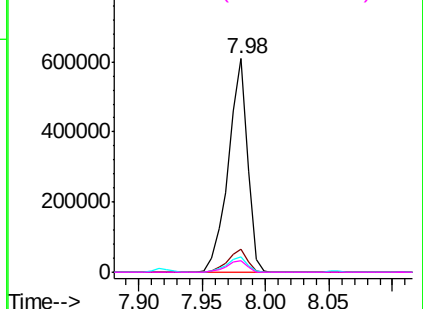
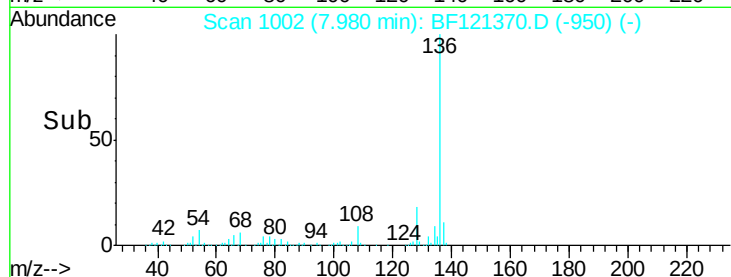
Abundance

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: 35.874 ng

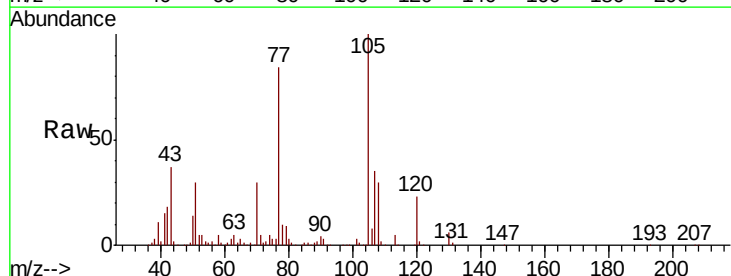
RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 531489 |       |       |
| 71      | 5.0   |        | 4.5   | 6.7   |
| 51      | 30.2  |        | 25.4  | 38.0  |
| 120     | 22.8  |        | 17.6  | 26.4  |



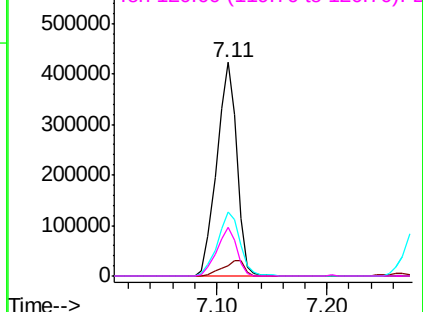
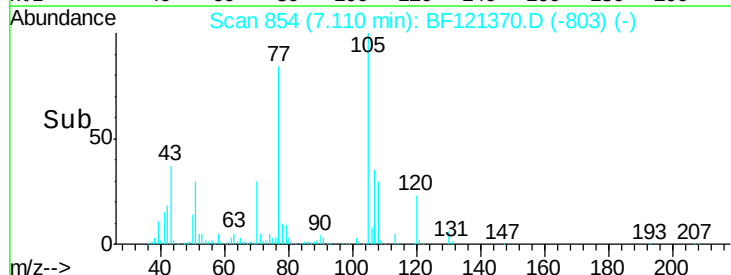
Abundance

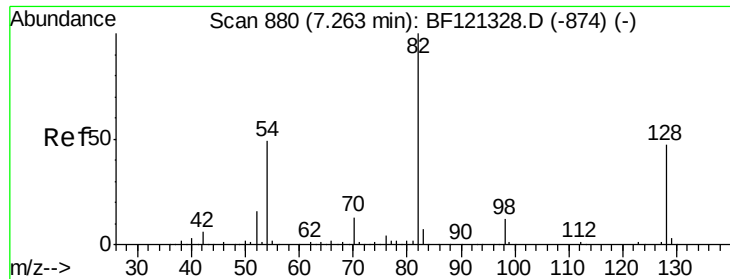
Ion 105.00 (104.70 to 105.70): E

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





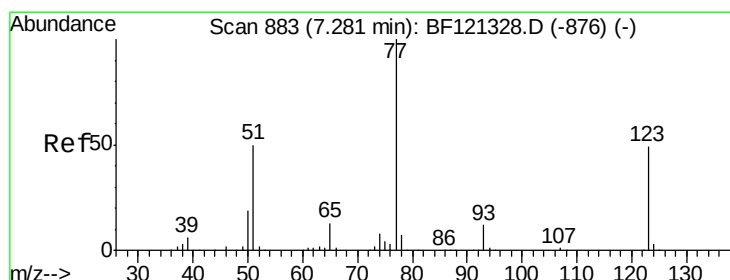
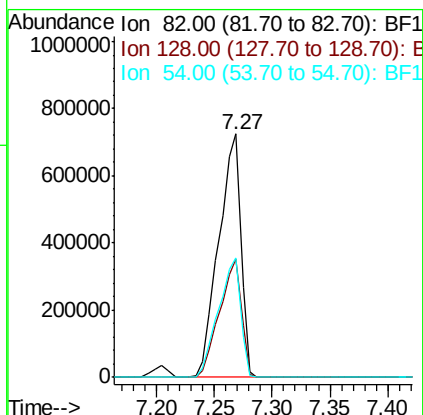
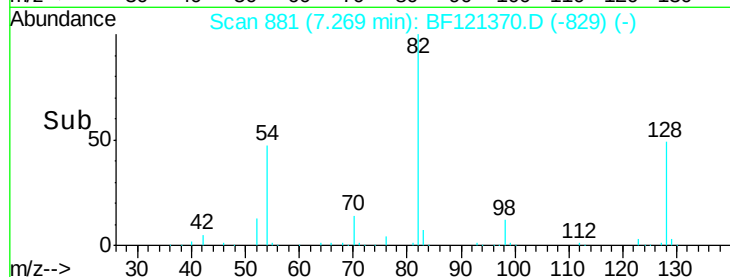
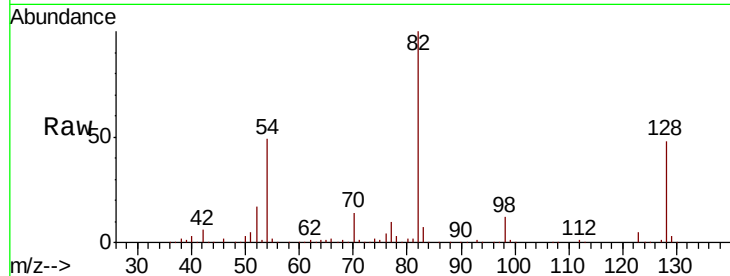
#23  
Nitrobenzene-d5  
Concen: 86.382 ng  
RT: 7.27 min Scan# 881  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampled :  
PB131076BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 967897 |       |       |
| 128     | 48.5  | 37.9   | 56.9  |       |
| 54      | 48.8  | 39.0   | 58.4  |       |

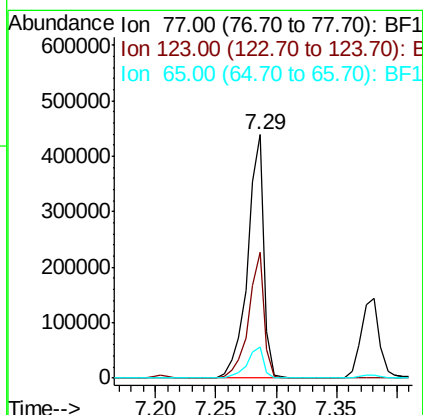
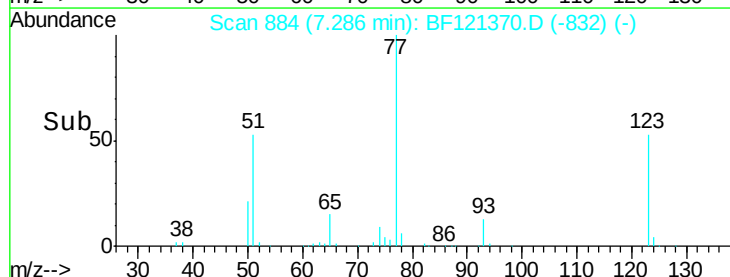
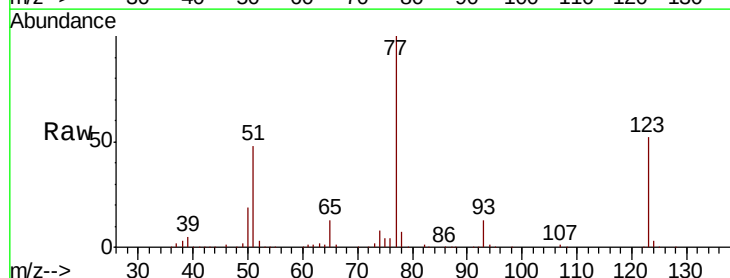
Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM

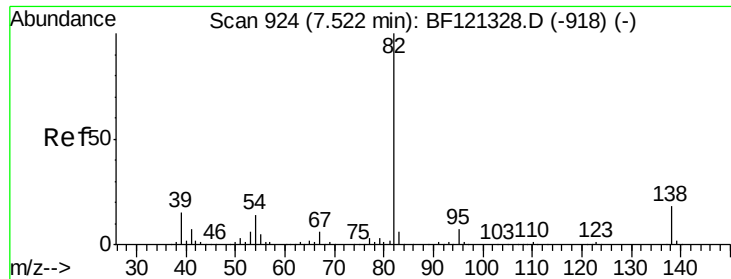


#24  
Nitrobenzene  
Concen: 35.929 ng  
RT: 7.29 min Scan# 884  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 410315 |       |       |
| 123     | 51.7  | 39.2   | 58.8  |       |
| 65      | 13.0  | 10.6   | 15.8  |       |







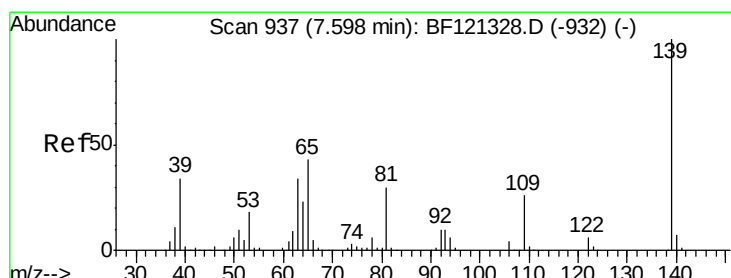
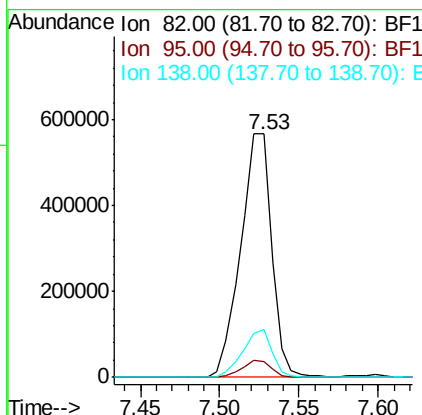
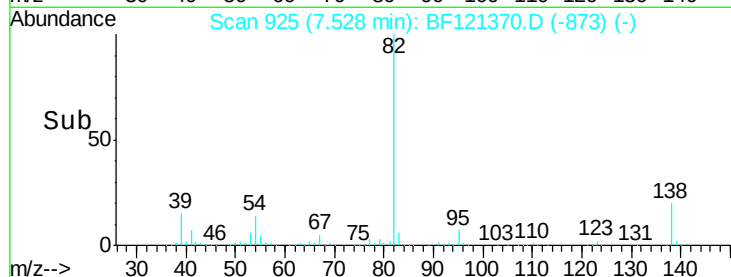
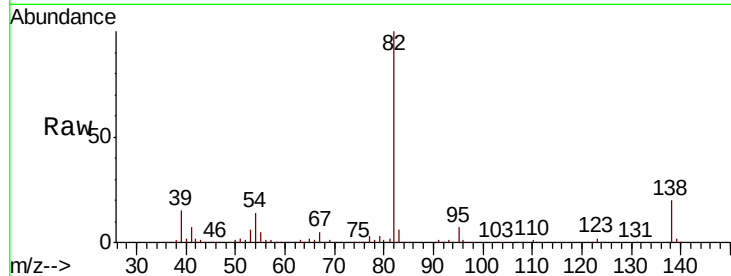
#25  
Isophorone  
Concen: 37.806 ng  
RT: 7.53 min Scan# 925  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 770917 |       |       |
| 95      | 6.7   |        | 5.3   | 7.9   |
| 138     | 19.6  |        | 14.6  | 21.8  |

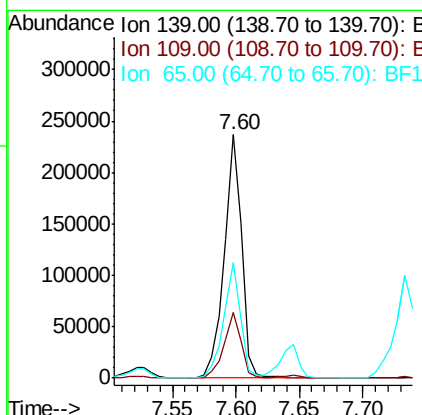
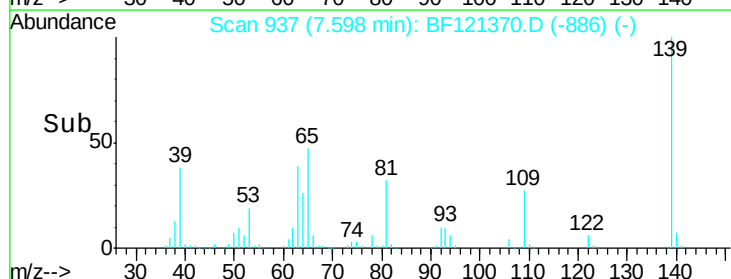
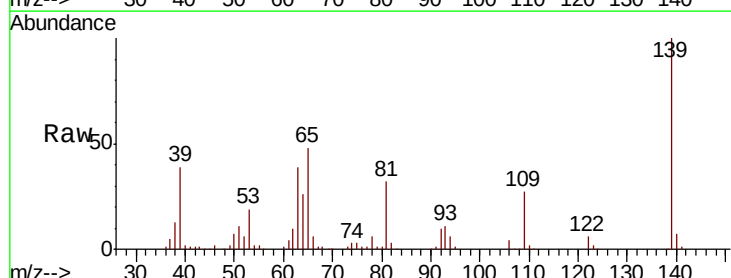
Manual Integrations  
APPROVED

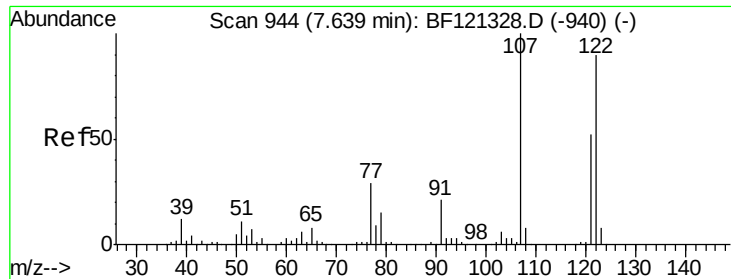
Sohil  
8/24/2020 1:50:07 PM



#26  
2-Nitrophenol  
Concen: 38.457 ng  
RT: 7.60 min Scan# 937  
Delta R.T. -0.00 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 225240 |       |       |
| 109     | 27.1  |        | 21.1  | 31.7  |
| 65      | 47.6  |        | 34.5  | 51.7  |





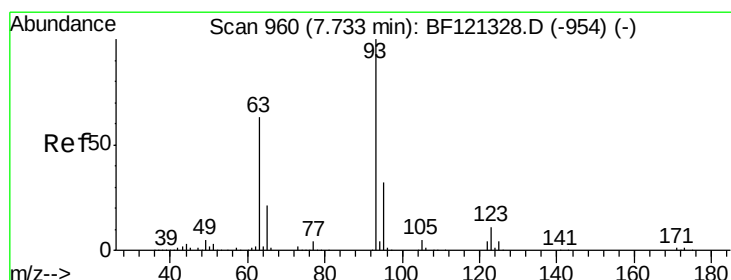
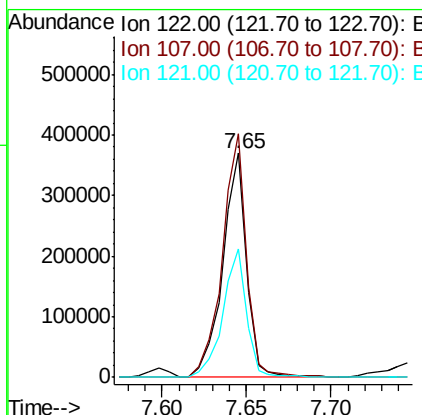
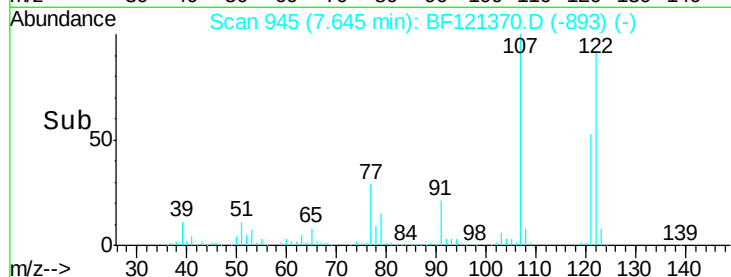
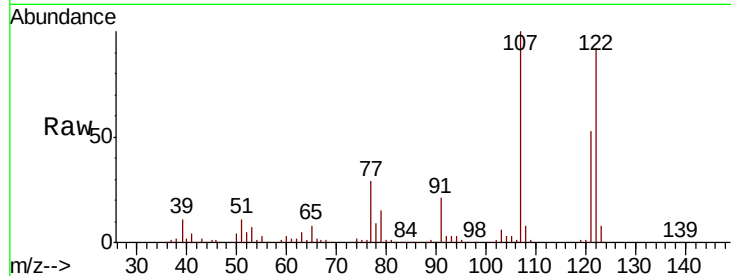
#27  
2,4-Dimethylphenol  
Concen: 42.979 ng  
RT: 7.65 min Scan# 945  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 359191 |       |       |
| 107     | 108.6 | 89.0   | 133.4 |       |
| 121     | 57.5  | 46.4   | 69.6  |       |

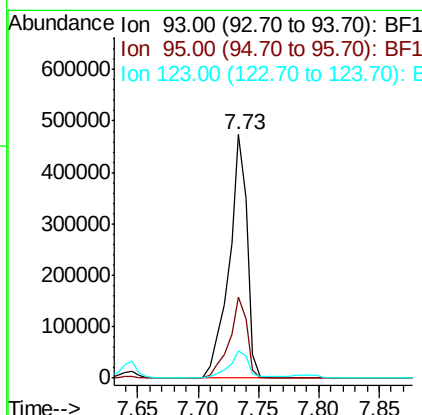
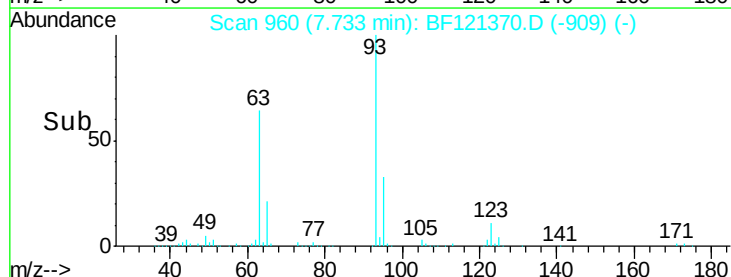
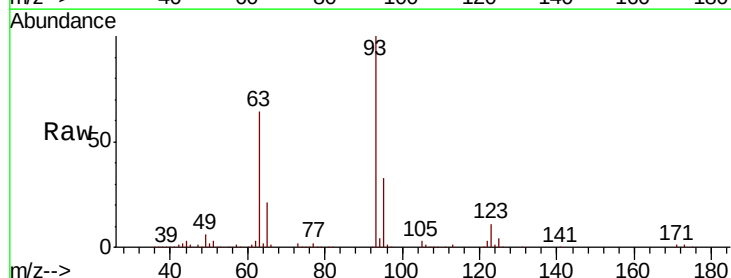
Manual Integrations  
APPROVED

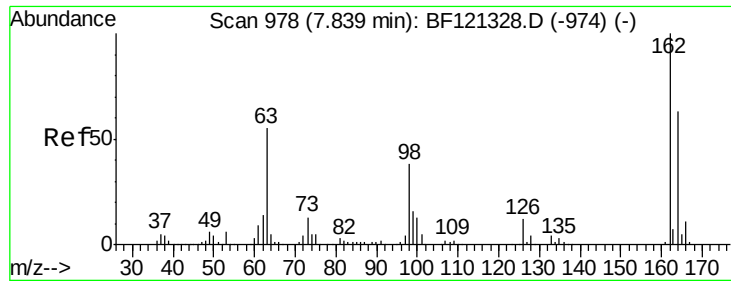
Sohil  
8/24/2020 1:50:07 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 35.336 ng  
RT: 7.73 min Scan# 960  
Delta R.T. -0.00 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 490487 |       |       |
| 95      | 33.2  | 25.8   | 38.8  |       |
| 123     | 11.4  | 9.0    | 13.6  |       |





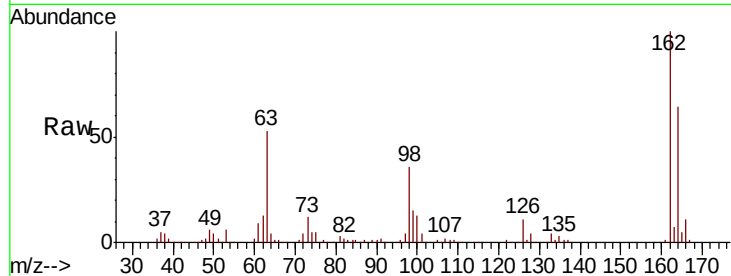
#29  
 2,4-Dichlorophenol  
 Concen: 36.775 ng  
 RT: 7.85 min Scan# 979  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

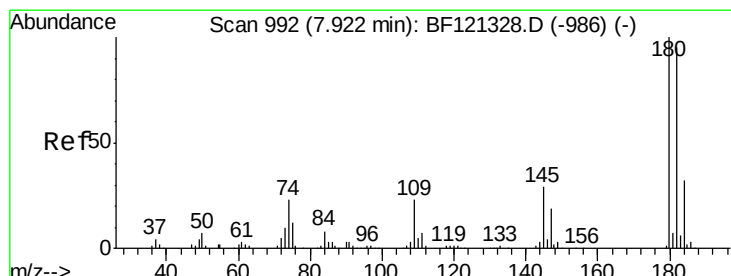
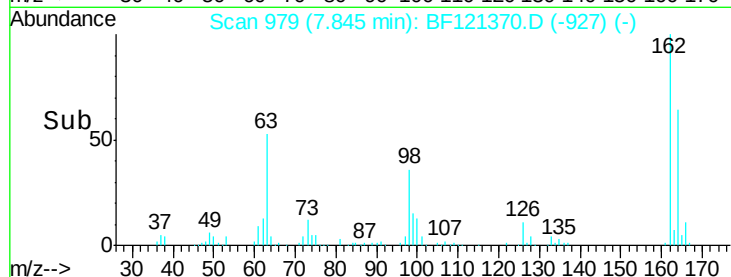
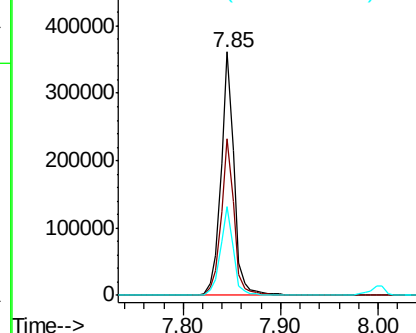
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 162     | 100  |       | 335551 |       |       |
| 164     | 64.2 | 43.4  | 83.4   |       |       |
| 98      | 36.3 | 18.1  | 58.1   |       |       |

Manual Integrations  
 APPROVED

Sohil  
 8/24/2020 1:50:07 PM

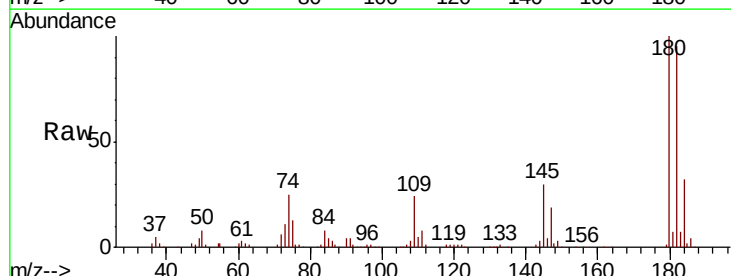


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

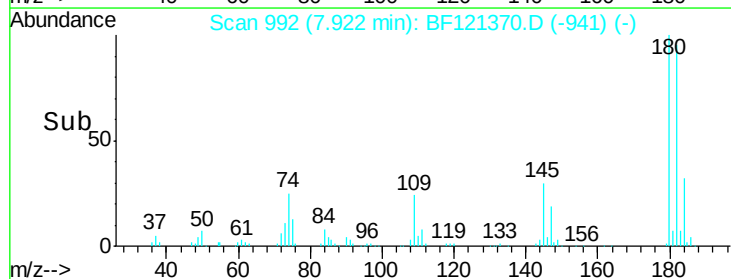
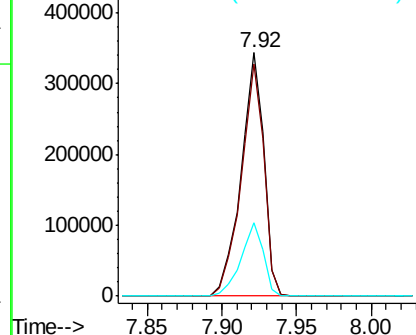


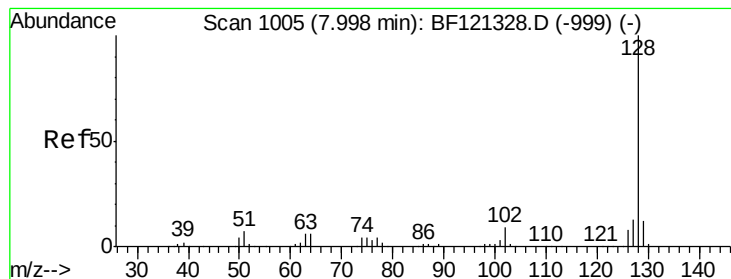
#30  
 1,2,4-Trichlorobenzene  
 Concen: 35.072 ng  
 RT: 7.92 min Scan# 992  
 Delta R.T. -0.00 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 180     | 100  |       | 365947 |       |       |
| 182     | 95.2 | 75.9  | 113.9  |       |       |
| 145     | 30.1 | 23.2  | 34.8   |       |       |



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





#31

Naphthalene

Concen: 36.041 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

ClientSampled :

PB131076BS

Tot Ion:128 Resp: 1136700

Ion Ratio Lower Upper

128 100

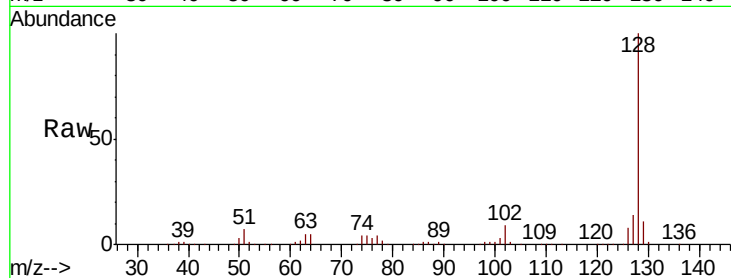
129 11.0 9.3 13.9

127 13.7 10.6 16.0

Manual Integrations  
APPROVED

Sohil

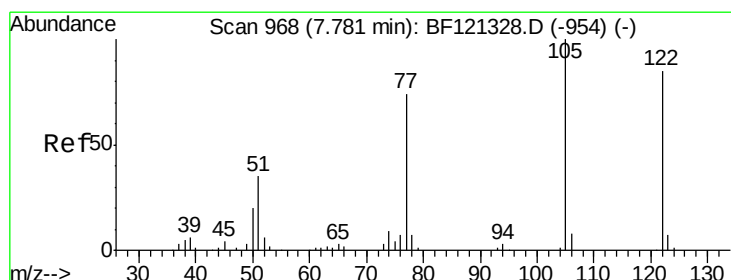
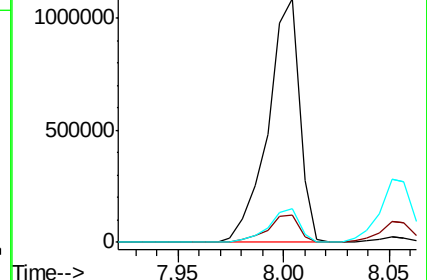
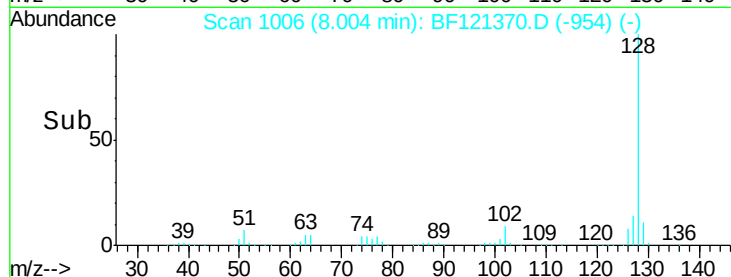
8/24/2020 1:50:07 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.779 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

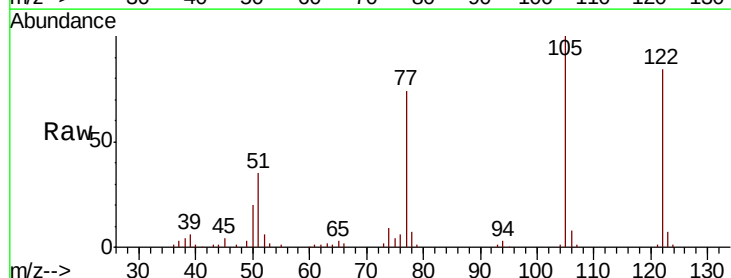
Tgt Ion:122 Resp: 189357

Ion Ratio Lower Upper

122 100

105 118.6 96.7 136.7

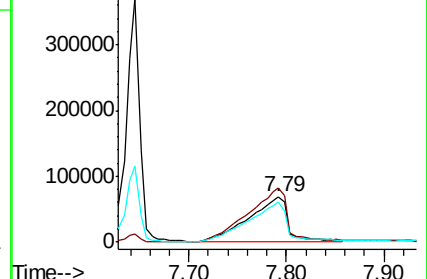
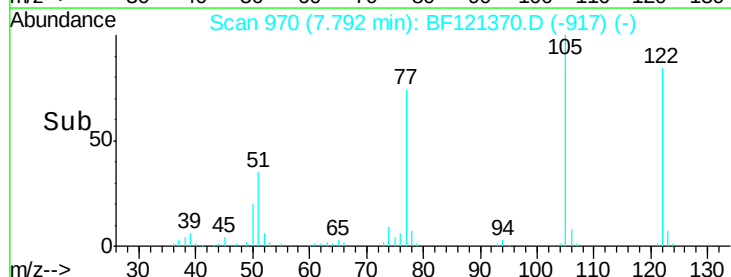
77 88.1 66.7 106.7

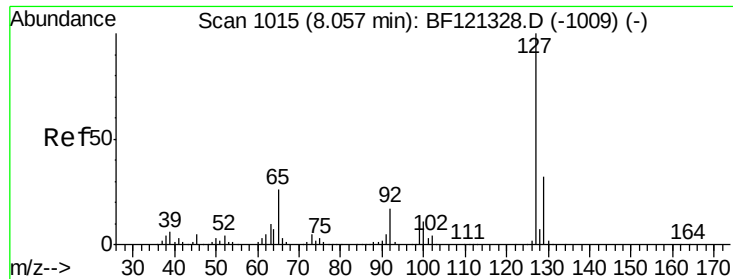


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





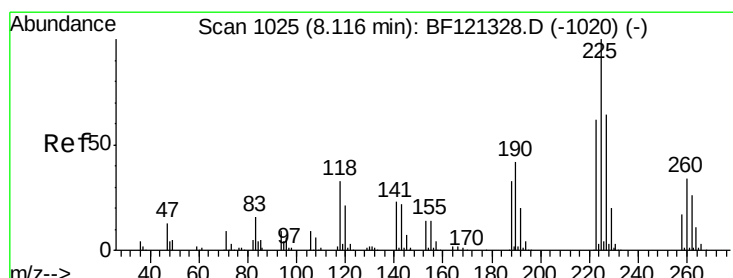
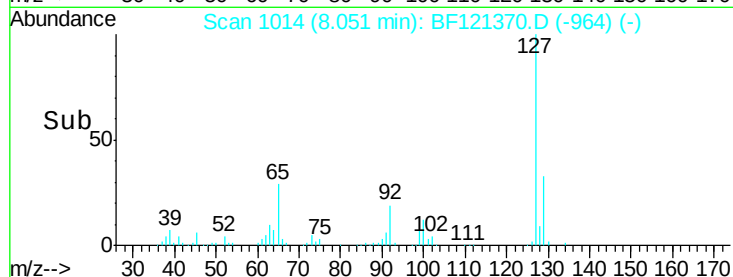
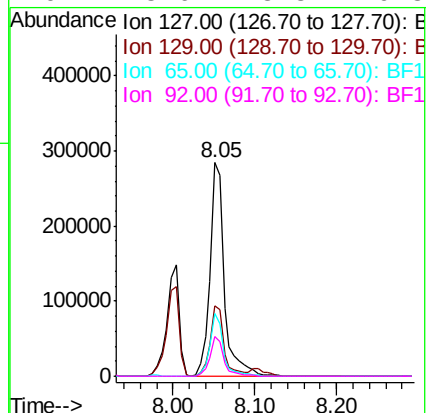
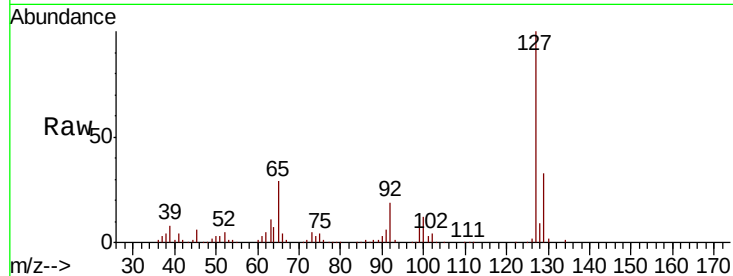
#33  
4-Chloroaniline  
Concen: 24.718 ng  
RT: 8.05 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.7 | 25.7  | 38.5 |       |       |
| 65      | 29.5 | 20.9  | 31.3 |       |       |
| 92      | 18.6 | 13.8  | 20.8 |       |       |

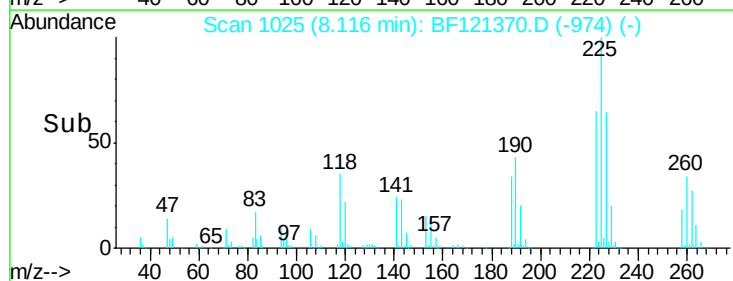
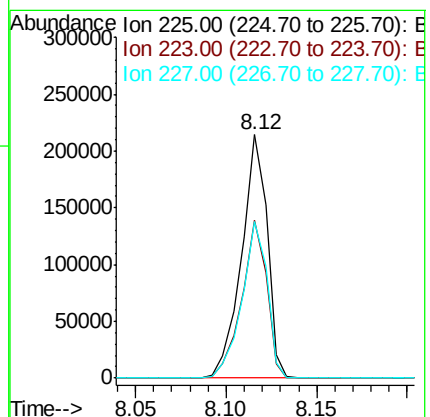
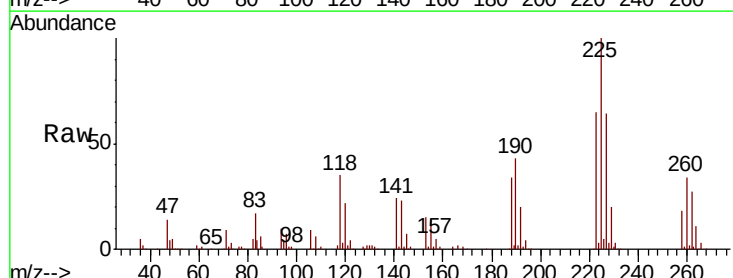
Manual Integrations  
APPROVED

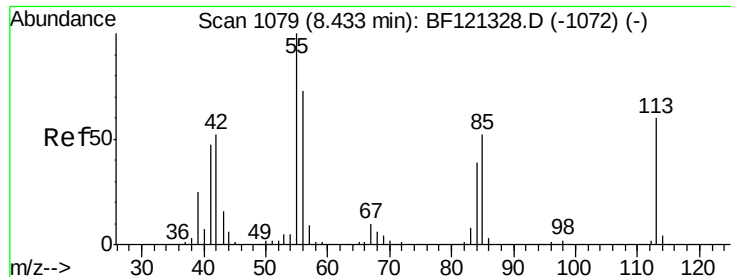
Sohil  
8/24/2020 1:50:07 PM



#34  
Hexachlorobutadiene  
Concen: 34.014 ng  
RT: 8.12 min Scan# 1025  
Delta R.T. -0.00 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 64.8 | 49.7  | 74.5 |       |       |
| 227     | 64.2 | 50.9  | 76.3 |       |       |





#35

Caprolactam

Concen: 36.324 ng/mL

RT: 8.43 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

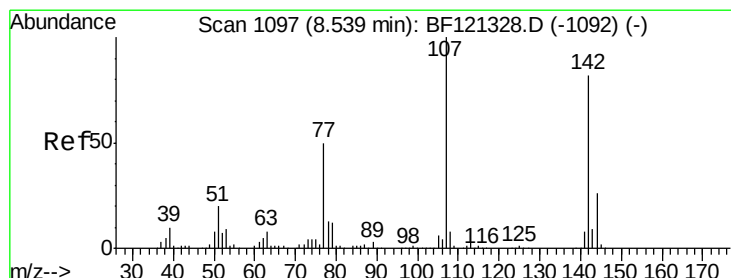
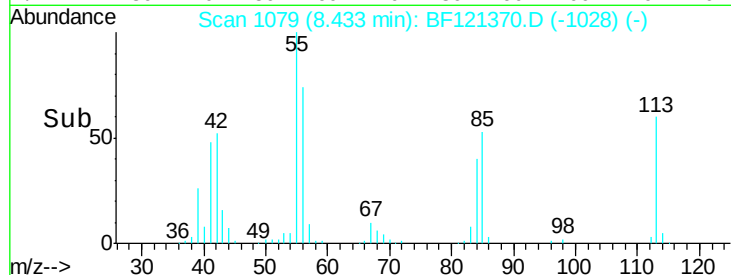
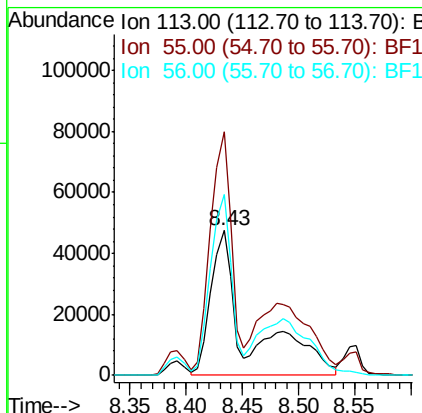
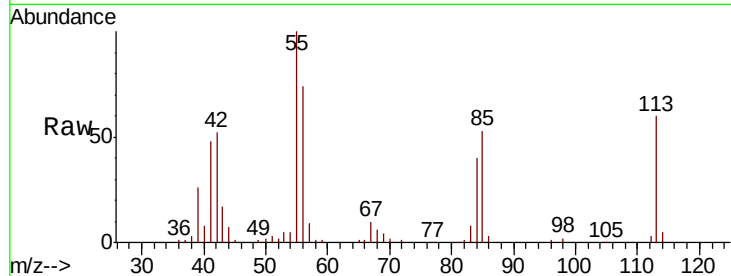
ClientSampleId :

PB131076BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 108548 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 168.0 | 147.9 | 187.9  |
| 56        | 124.6 | 102.4 | 142.4  |

Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM



#36

4-Chloro-3-methylphenol

Concen: 37.624 ng/mL

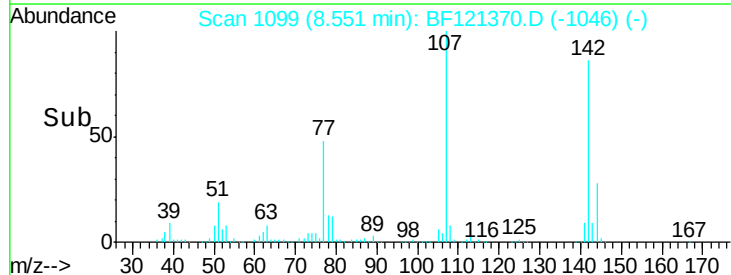
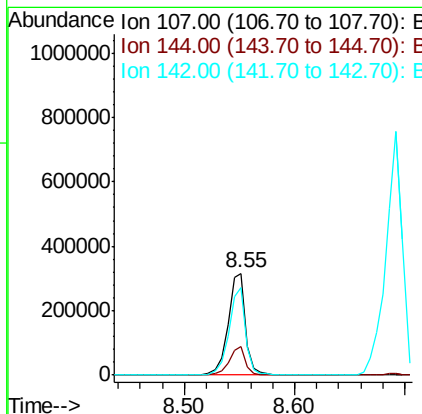
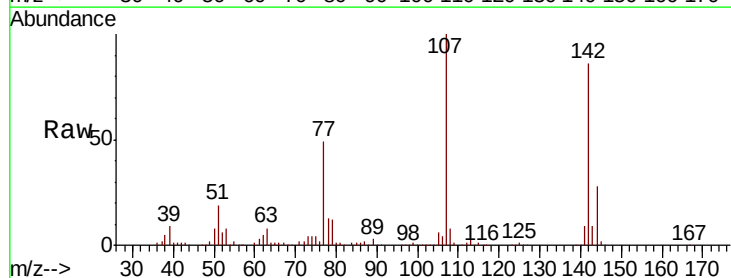
RT: 8.55 min Scan# 1099

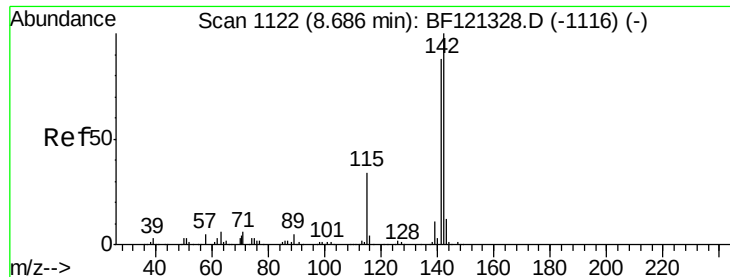
Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 347213 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 28.1  | 21.1  | 31.7   |
| 142       | 86.0  | 65.6  | 98.4   |





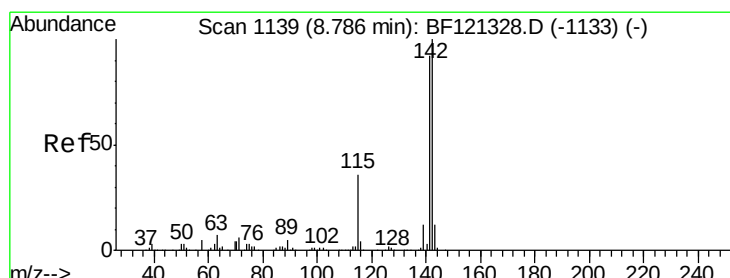
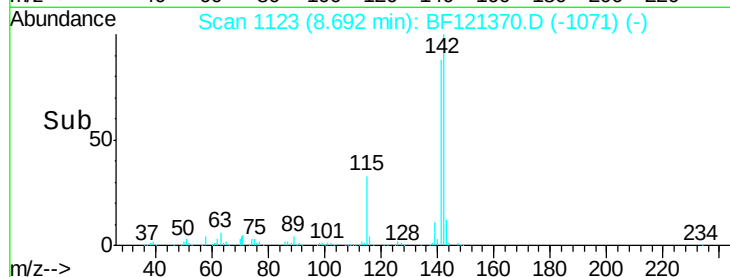
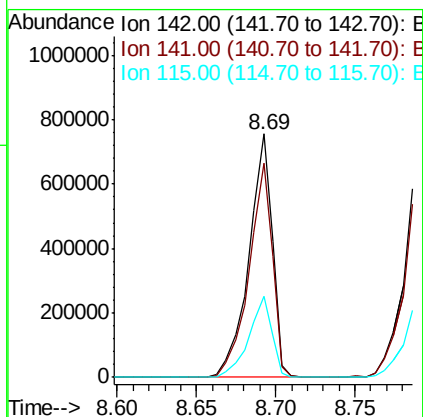
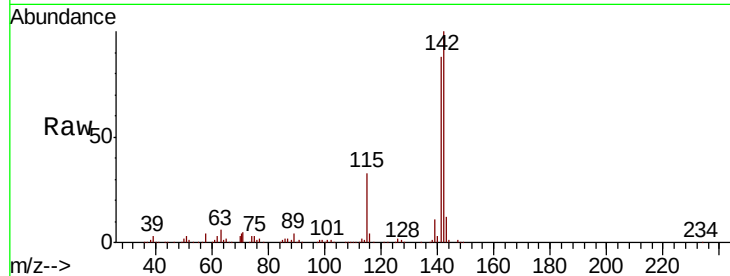
#37  
2-Methylnaphthalene  
Concen: 37.793 ng  
RT: 8.69 min Scan# 1123  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.2  | 70.3  | 105.5 |
| 115     | 33.0  | 26.9  | 40.3  |

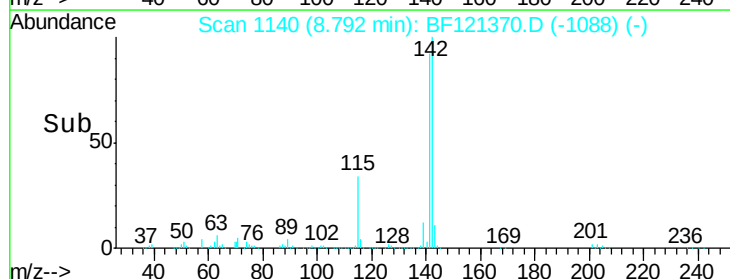
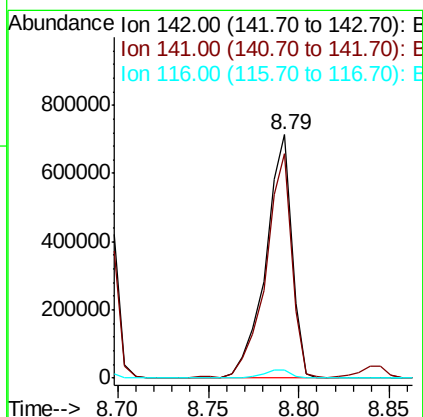
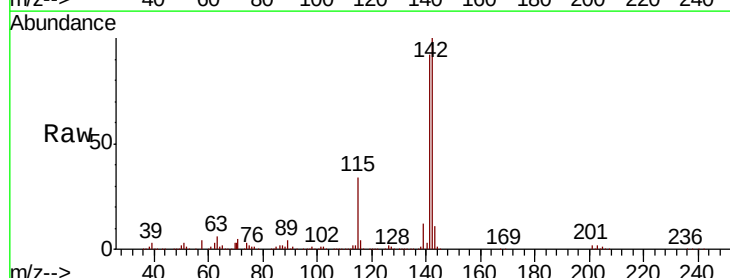
Manual Integrations  
APPROVED

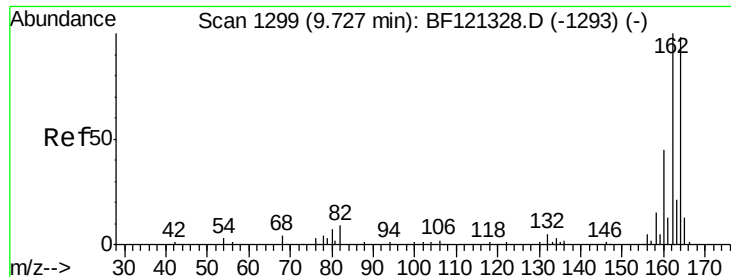
Sohil  
8/24/2020 1:50:07 PM



#38  
1-Methylnaphthalene  
Concen: 36.897 ng  
RT: 8.79 min Scan# 1140  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.2  | 73.6  | 110.4 |
| 116     | 3.6   | 3.0   | 4.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

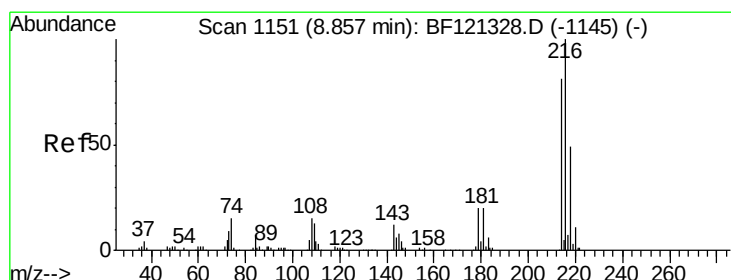
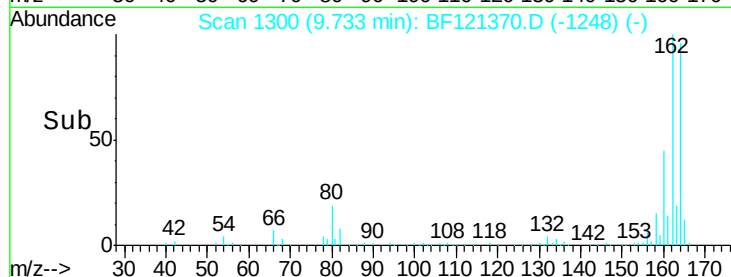
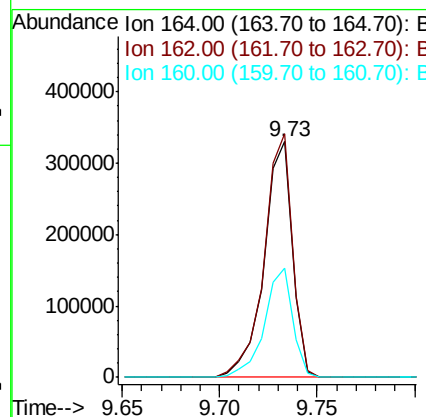
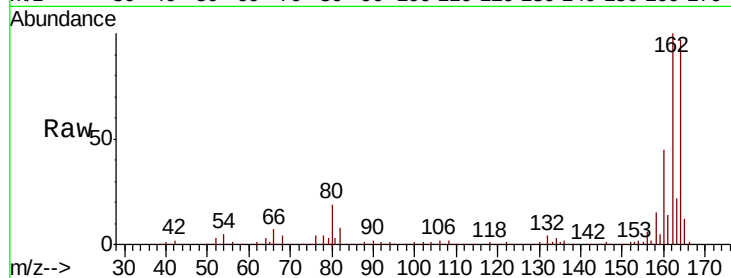
ClientSampleId :

PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.3 | 81.7  | 122.5 |
| 160     | 46.6  | 37.0  | 55.4  |

Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.183 ng

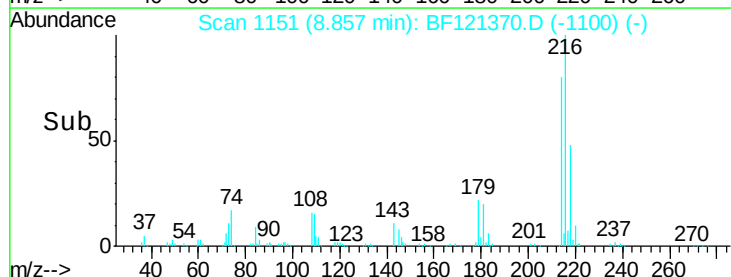
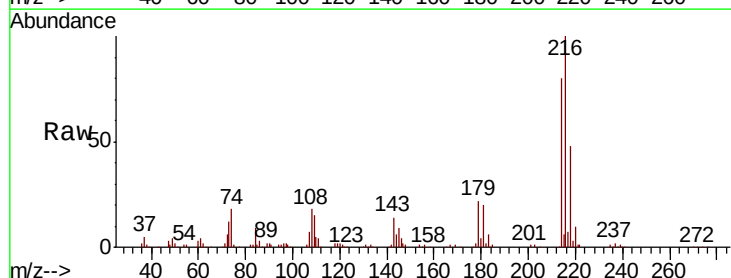
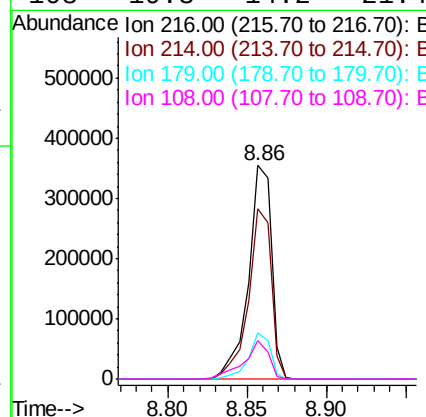
RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

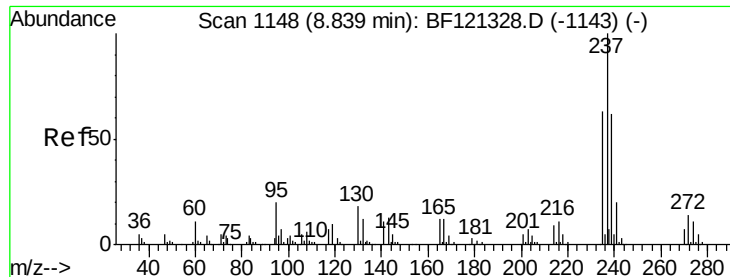
Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.0  | 64.2  | 96.2  |
| 179     | 20.5  | 16.4  | 24.6  |
| 108     | 19.3  | 14.2  | 21.4  |







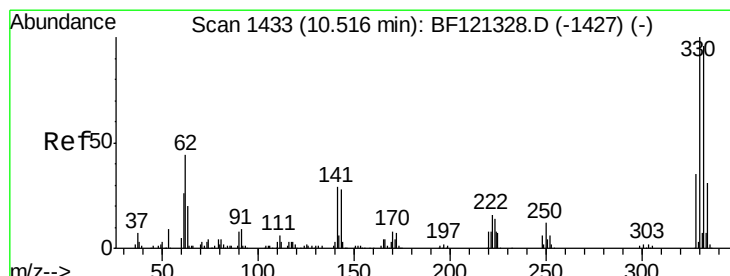
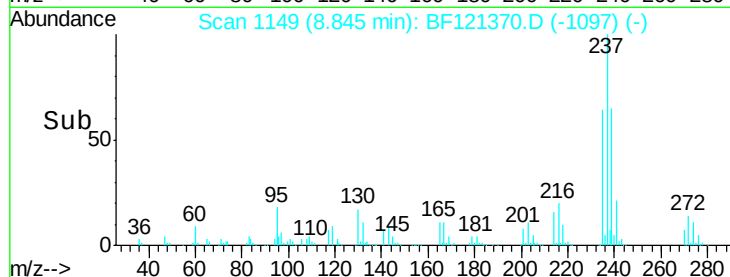
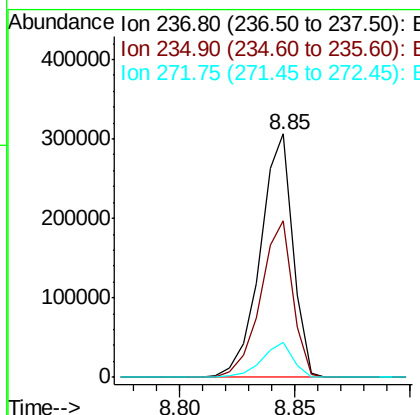
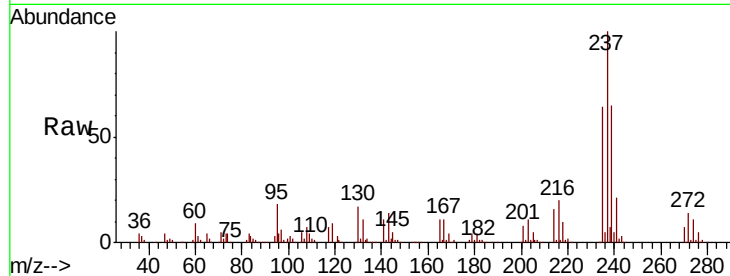
#41  
Hexachlorocyclopentadiene  
Concen: 77.035 ng  
RT: 8.85 min Scan# 1149  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 301009 |       |       |
| 235     | 64.2  | 42.7   | 82.7  |       |
| 272     | 14.3  | 0.0    | 33.7  |       |

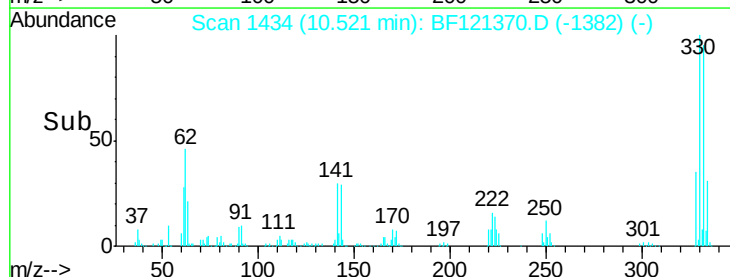
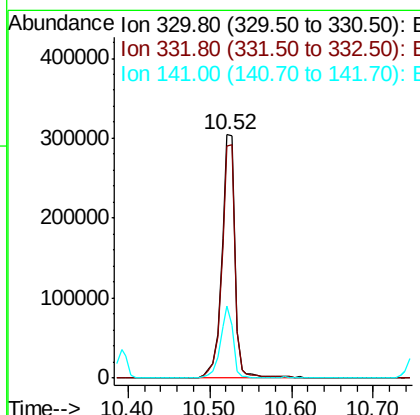
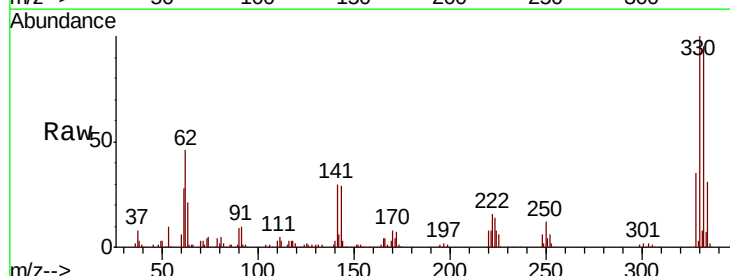
Manual Integrations  
APPROVED

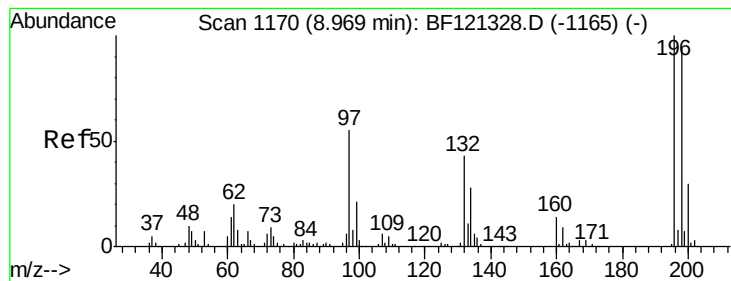
Sohil  
8/24/2020 1:50:07 PM



#42  
2,4,6-Tribromophenol  
Concen: 88.635 ng  
RT: 10.52 min Scan# 1434  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 344454 |       |       |
| 332     | 95.4  | 76.9   | 115.3 |       |
| 141     | 28.5  | 22.8   | 34.2  |       |





#43

2,4,6-Trichlorophenol

Concen: 35.792 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

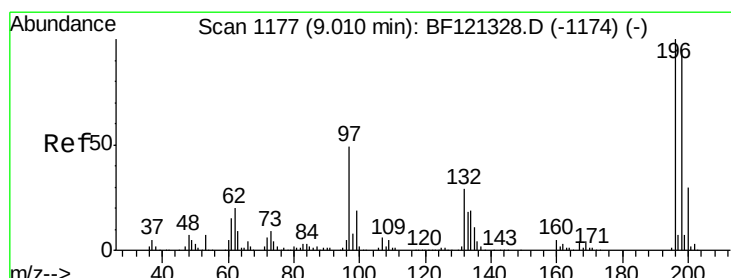
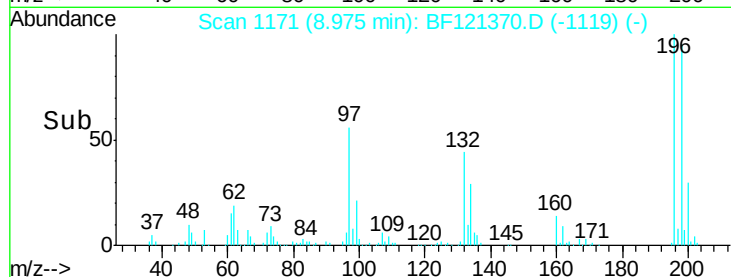
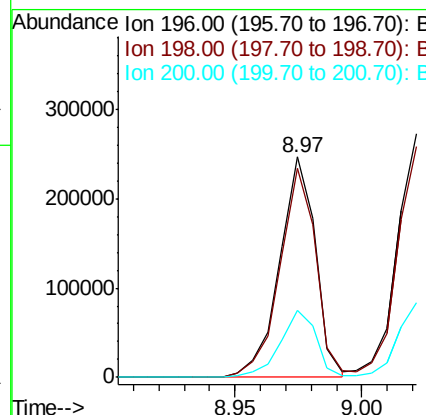
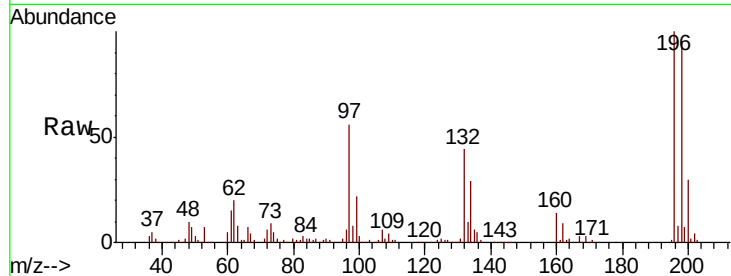
ClientSampleId :

PB131076BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 242197 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.2  | 75.6  | 113.4  |
| 200       | 30.2  | 24.2  | 36.2   |

Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM



#44

2,4,5-Trichlorophenol

Concen: 37.509 ng

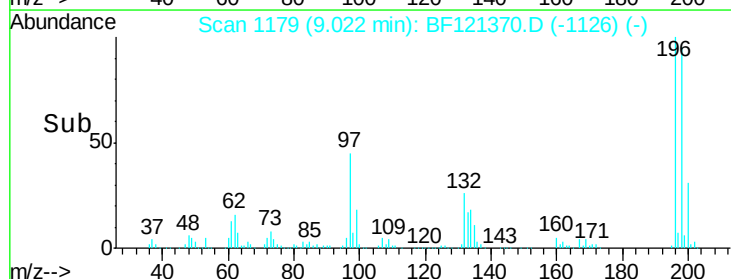
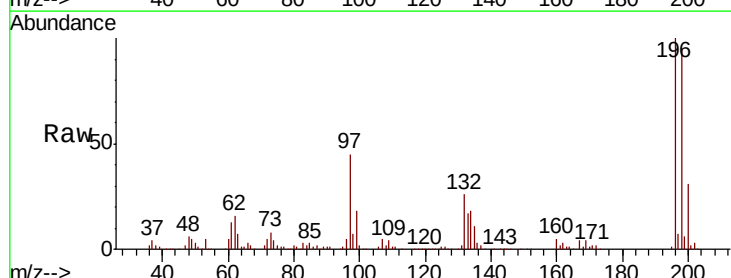
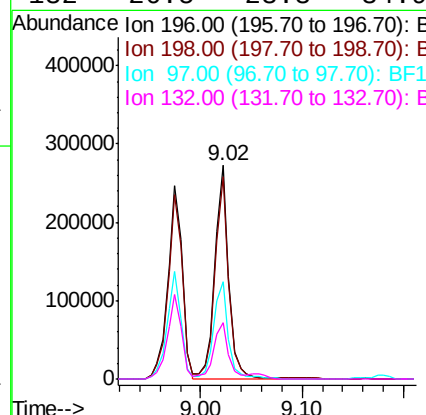
RT: 9.02 min Scan# 1179

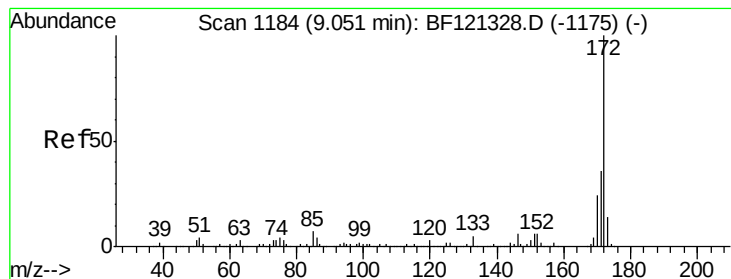
Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 261127 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.7  | 75.6  | 113.4  |
| 97        | 45.3  | 39.6  | 59.4   |
| 132       | 26.5  | 23.3  | 34.9   |





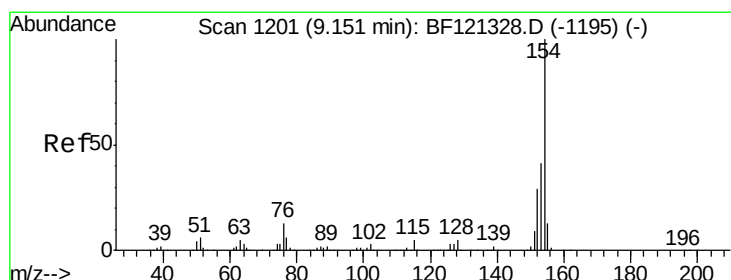
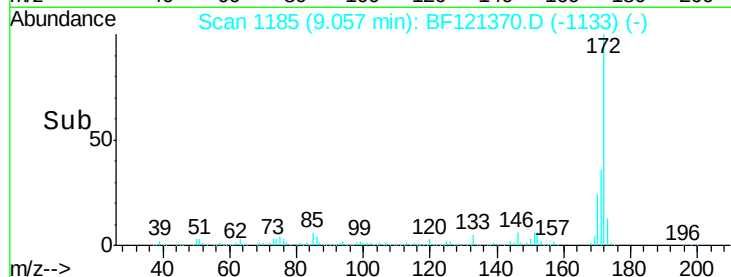
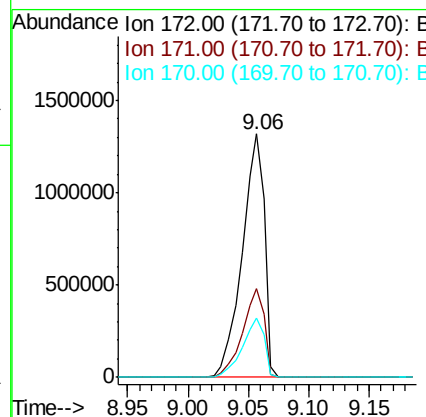
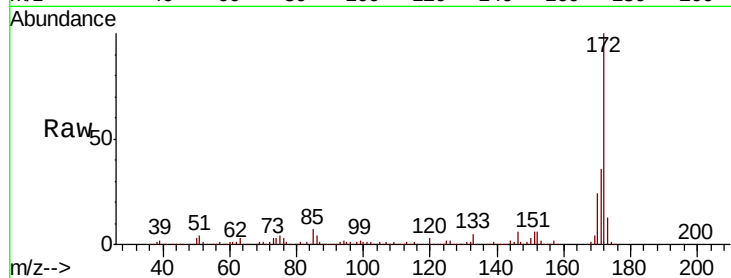
#45  
2-Fluorobiphenyl  
Concen: 99.249 ng  
RT: 9.06 min Scan# 1185  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 29.0  | 43.6  |
| 170     | 24.3  | 19.4  | 29.2  |

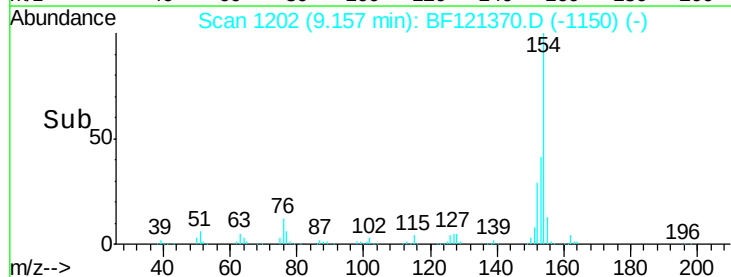
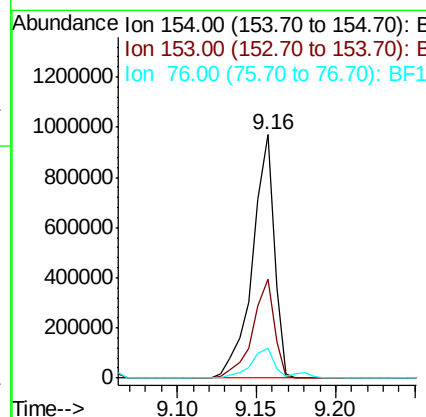
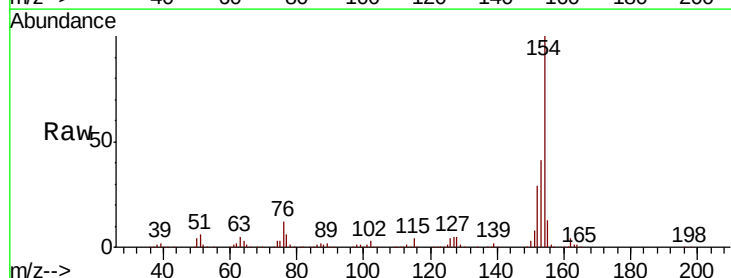
Manual Integrations  
APPROVED

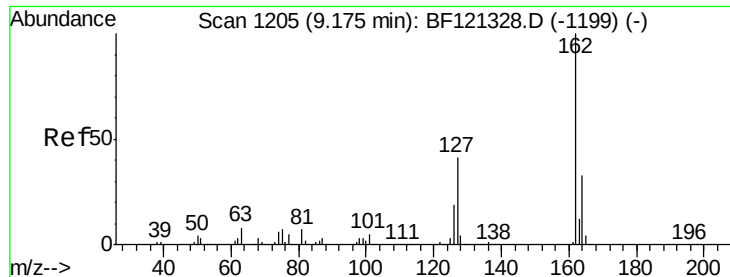
Sohil  
8/24/2020 1:50:07 PM



#46  
1,1'-Biphenyl  
Concen: 36.960 ng  
RT: 9.16 min Scan# 1202  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.6  | 20.8  | 60.8  |
| 76      | 12.4  | 0.0   | 33.1  |





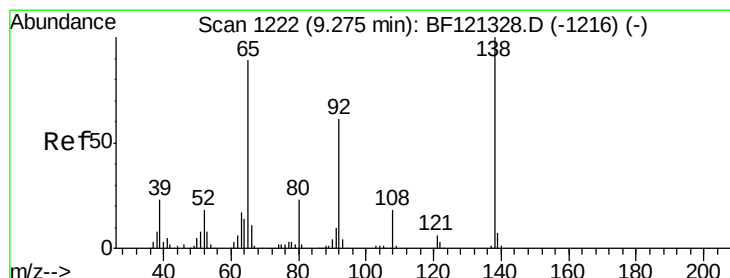
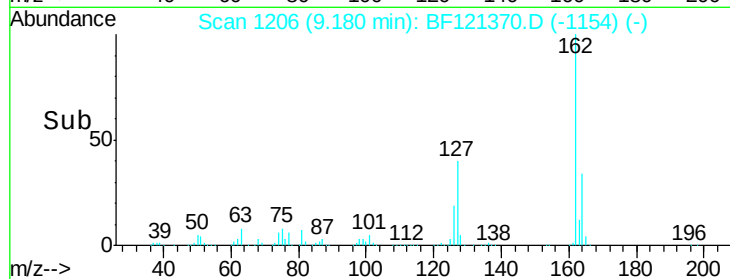
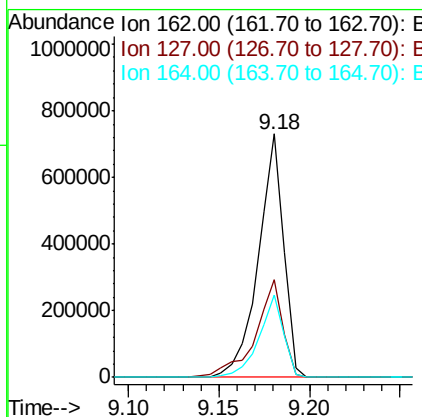
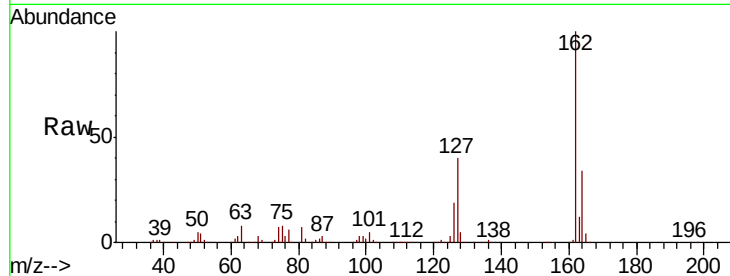
#47  
 2-Chloronaphthalene  
 Concen: 34.480 ng  
 RT: 9.18 min Scan# 1206  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 162     | 100  |       |      |       |       |
| 127     | 40.1 |       | 33.1 | 49.7  |       |
| 164     | 33.7 |       | 26.5 | 39.7  |       |

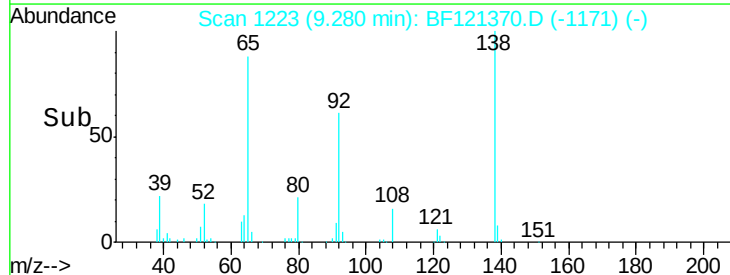
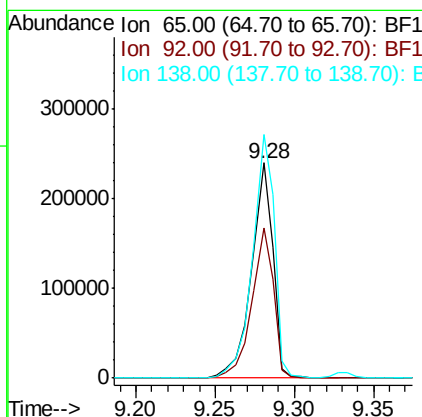
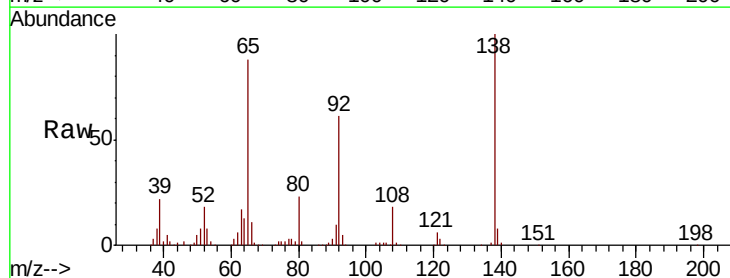
Manual Integrations  
 APPROVED

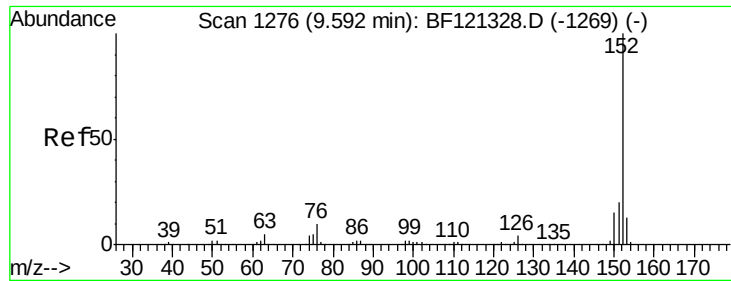
Sohil  
 8/24/2020 1:50:07 PM



#48  
 2-Nitroaniline  
 Concen: 34.718 ng  
 RT: 9.28 min Scan# 1223  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

| Tgt Ion | Ion   | Ratio | Resp | Lower | Upper |
|---------|-------|-------|------|-------|-------|
| 65      | 100   |       |      |       |       |
| 92      | 69.5  |       | 54.9 | 82.3  |       |
| 138     | 113.1 |       | 89.5 | 134.3 |       |





#49

Acenaphthylene

Concen: 36.750 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

ClientSampleId :

PB131076BS

Tot Ion:152 Resp: 1124081

Ion Ratio Lower Upper

152 100

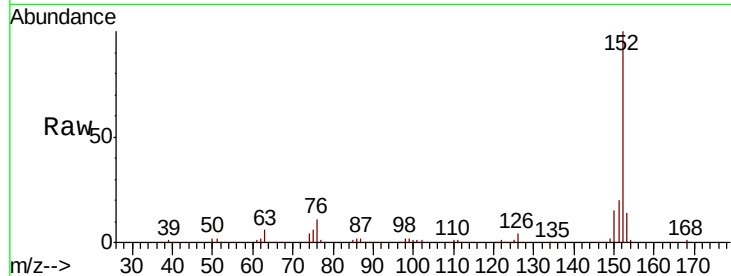
151 20.4 16.4 24.6

153 13.6 10.6 16.0

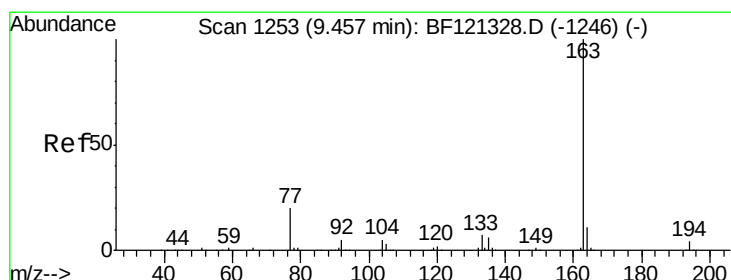
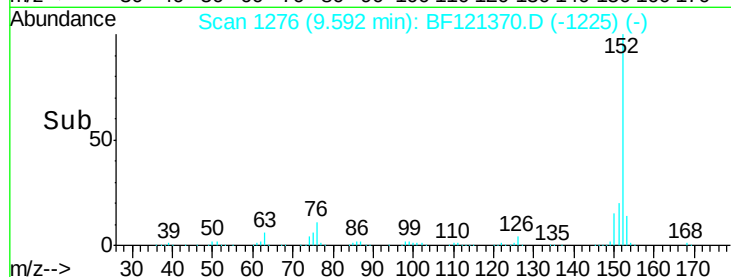
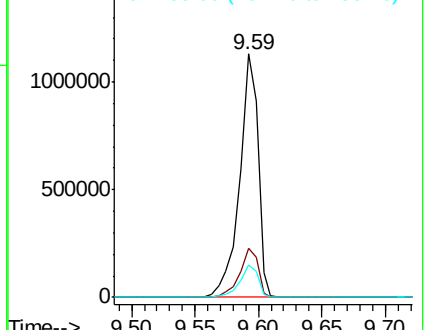
Manual Integrations  
APPROVED

Sohil

8/24/2020 1:50:07 PM



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



#50

Dimethylphthalate

Concen: 35.325 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

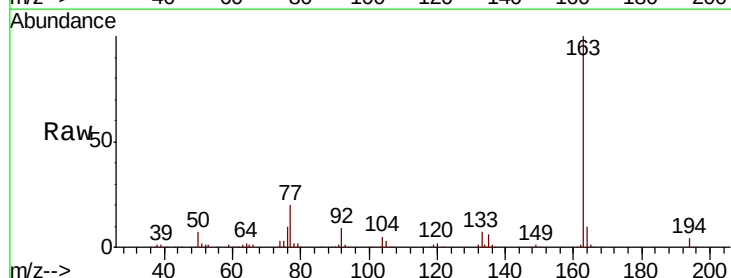
Tgt Ion:163 Resp: 857071

Ion Ratio Lower Upper

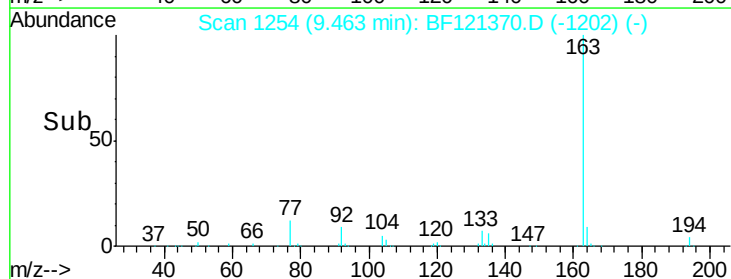
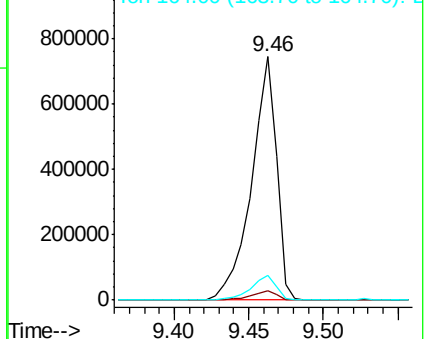
163 100

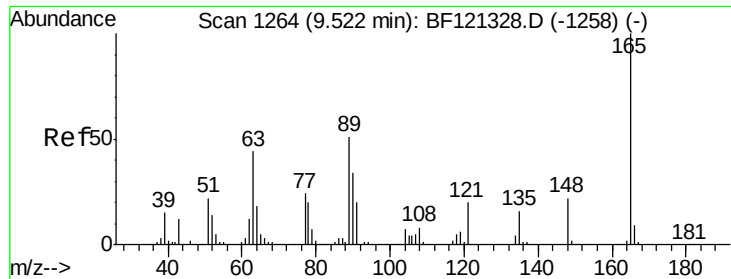
194 3.8 3.0 4.6

164 10.4 8.4 12.6



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





#51

2,6-Dinitrotoluene

Concen: 37.251 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

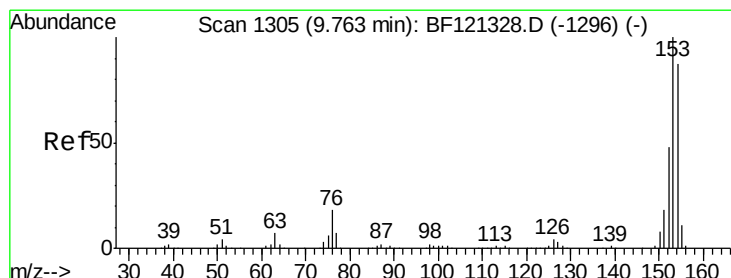
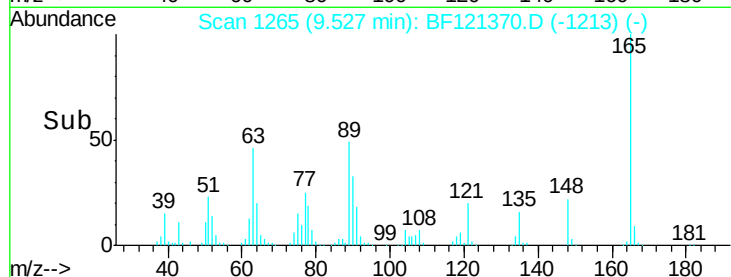
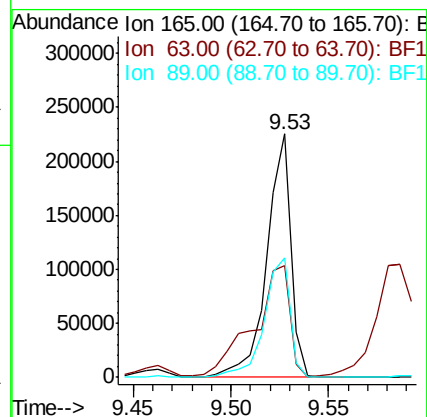
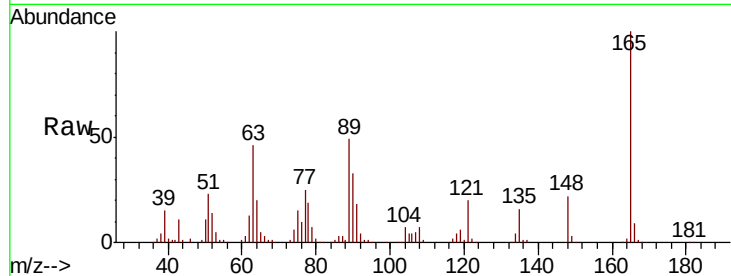
ClientSampleId :

PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.8  | 38.5  | 57.7  |
| 89      | 49.1  | 41.2  | 61.8  |

Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM



#52

Acenaphthene

Concen: 35.170 ng

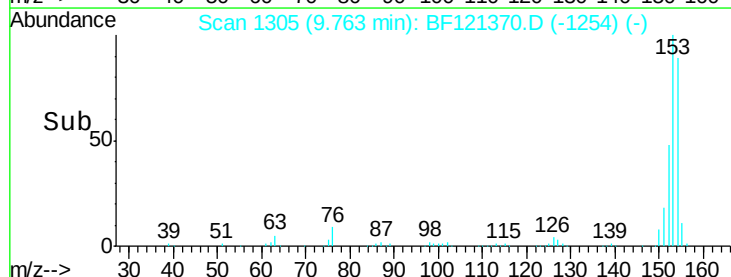
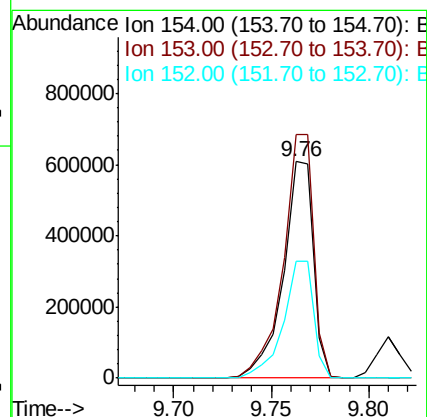
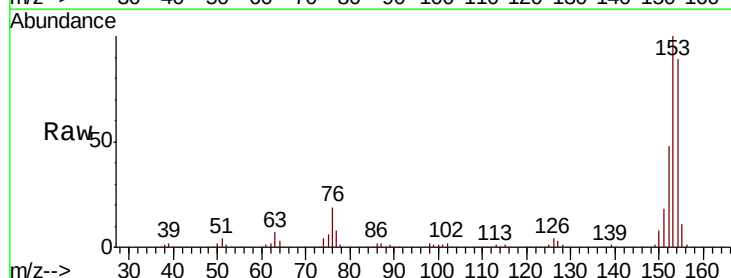
RT: 9.76 min Scan# 1305

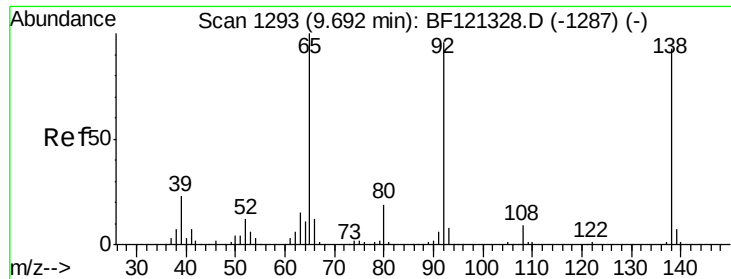
Delta R.T. -0.00 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.4 | 92.0  | 138.0 |
| 152     | 54.1  | 44.6  | 66.8  |





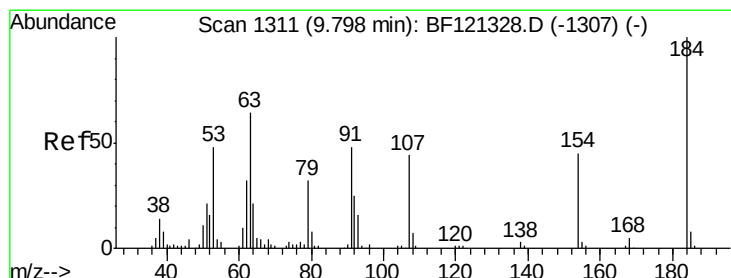
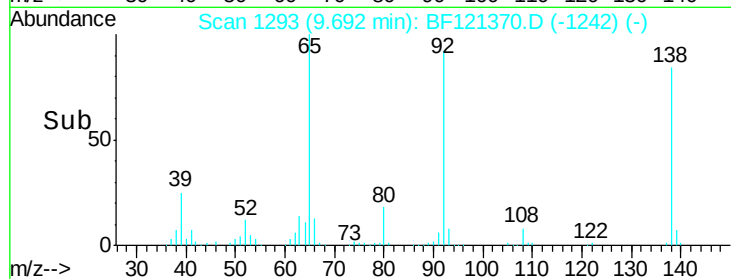
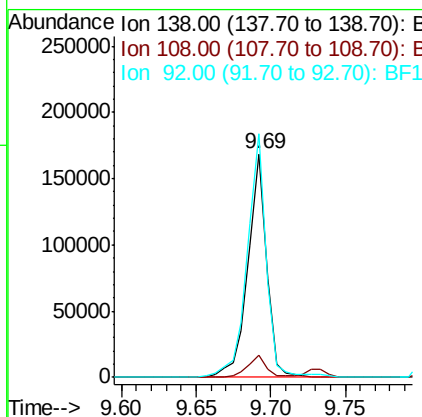
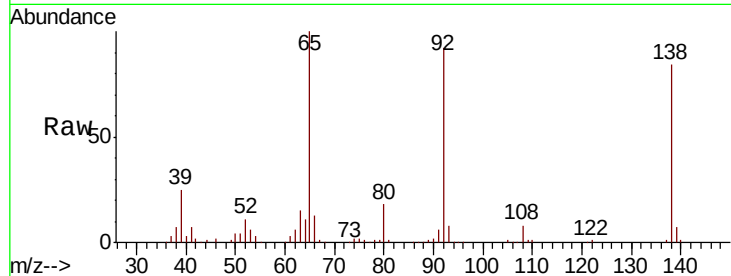
#53  
3-Nitroaniline  
Concen: 22.674 ng  
RT: 9.69 min Scan# 1293  
Delta R.T. -0.00 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.9   | 7.5   | 11.3  |
| 92      | 109.1 | 83.0  | 124.4 |

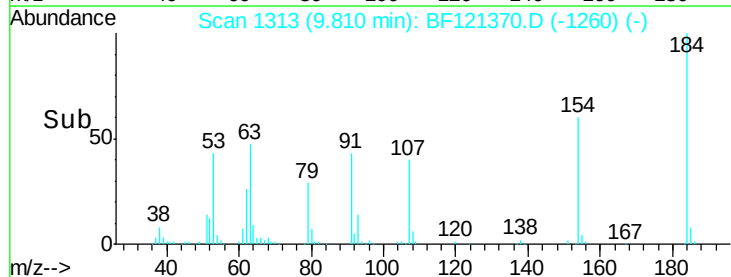
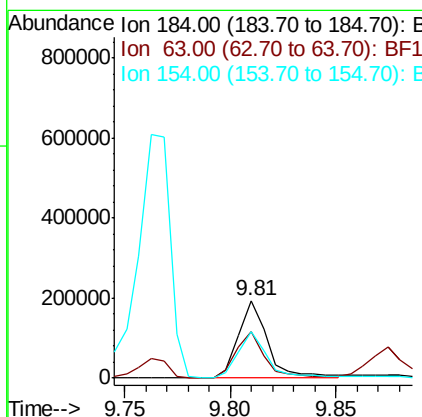
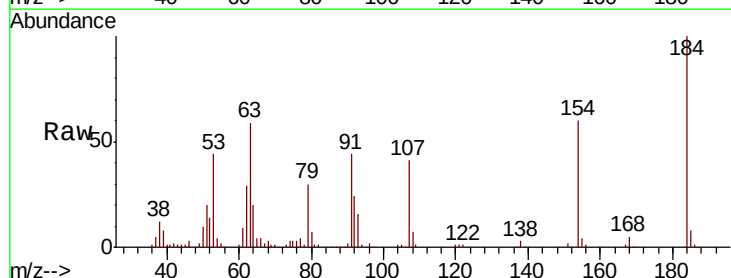
Manual Integrations  
APPROVED

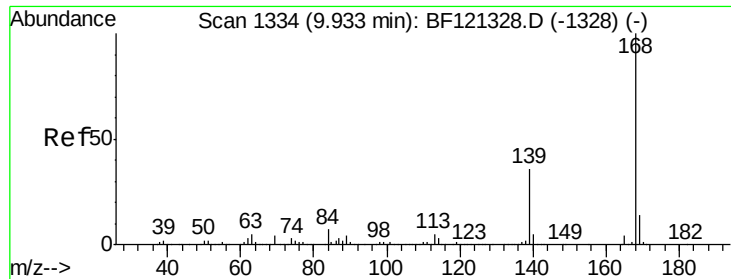
Sohil  
8/24/2020 1:50:07 PM



#54  
2,4-Dinitrophenol  
Concen: 75.332 ng  
RT: 9.81 min Scan# 1313  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 59.1  | 51.5  | 77.3  |
| 154     | 59.5  | 48.0  | 72.0  |





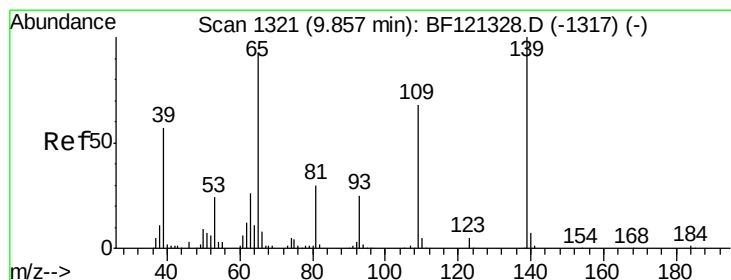
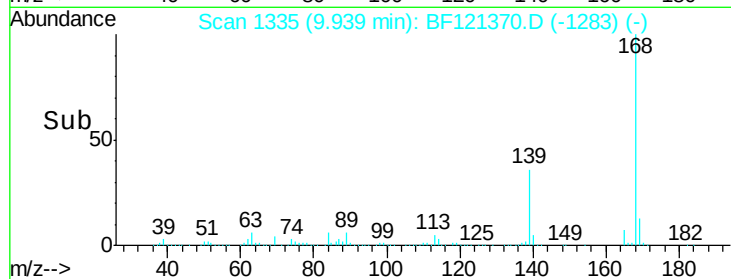
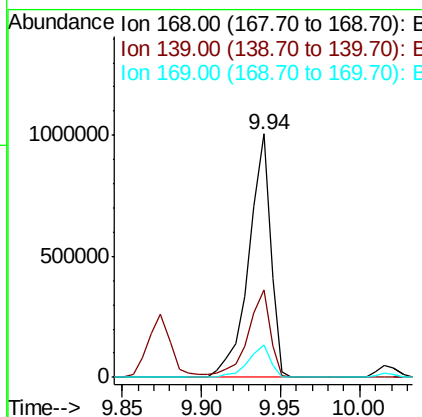
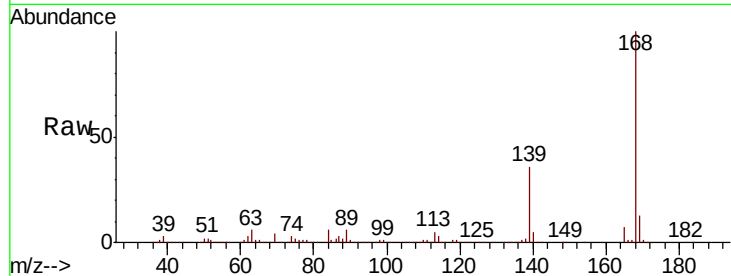
#55  
Dibenzofuran  
Concen: 39.956 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.0  | 29.1  | 43.7  |
| 169     | 13.5  | 11.0  | 16.6  |

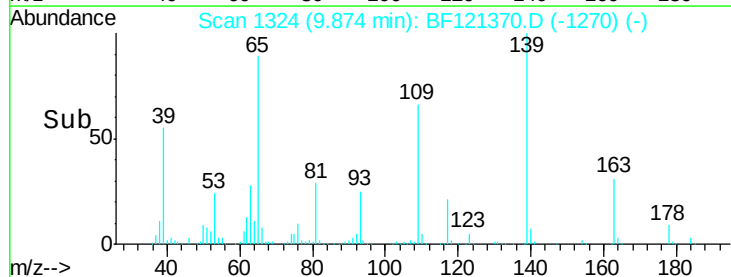
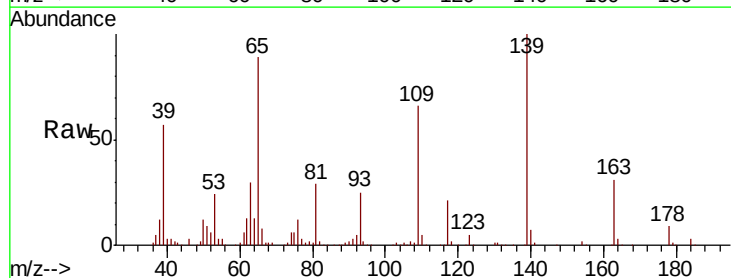
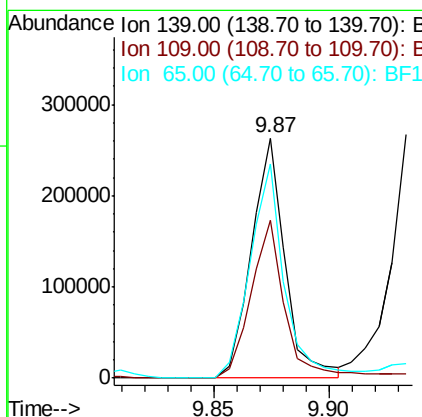
Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM

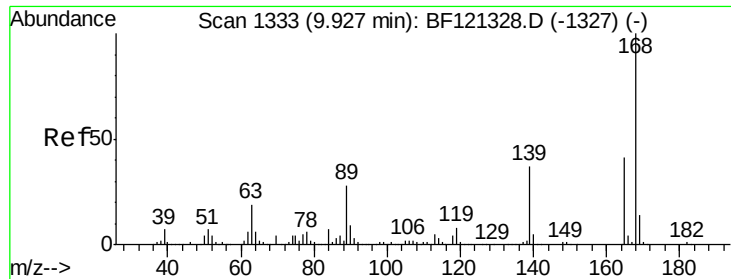


#56  
4-Nitrophenol  
Concen: 66.873 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.02 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 65.7  | 47.7  | 87.7  |
| 65      | 89.1  | 73.2  | 113.2 |







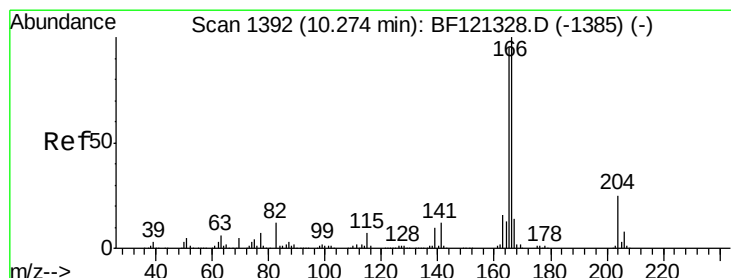
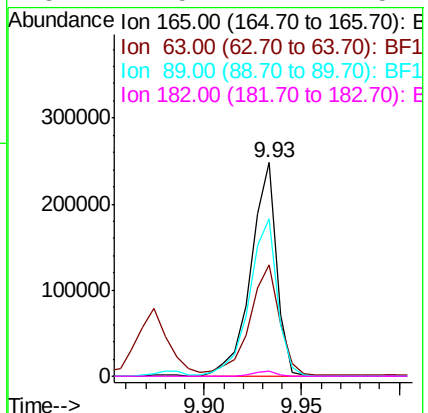
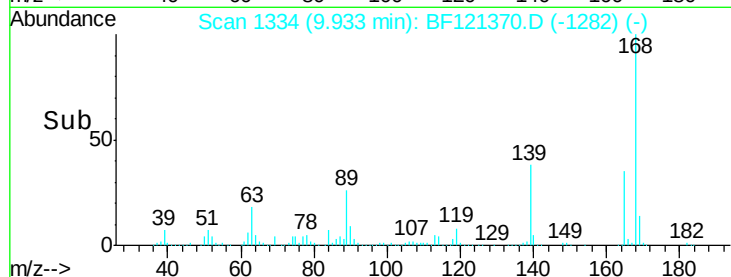
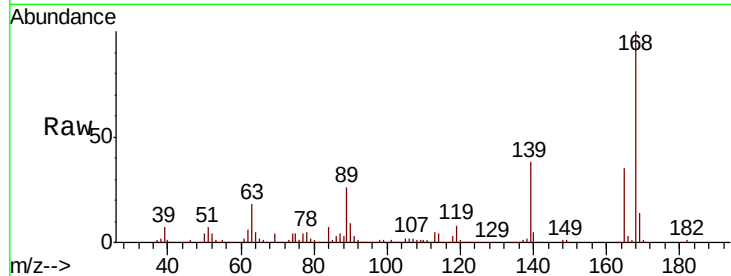
#57  
2,4-Dinitrotoluene  
Concen: 35.915 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 227033 |       |       |
| 63      | 52.3  |        | 37.5  | 56.3  |
| 89      | 73.7  |        | 54.2  | 81.4  |
| 182     | 2.5   |        | 2.2   | 3.4   |

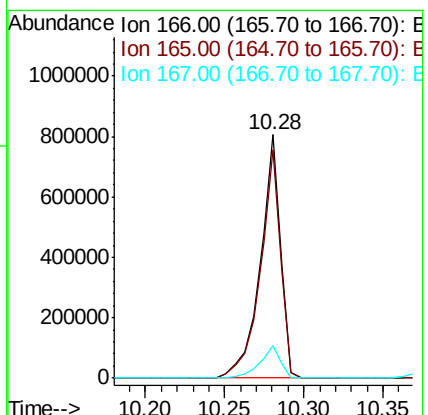
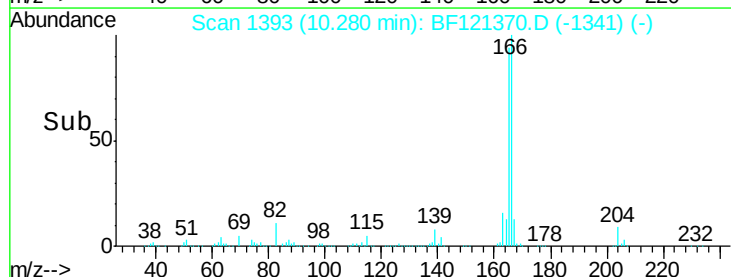
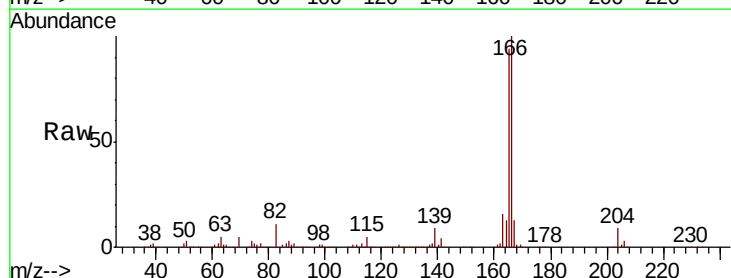
Manual Integrations  
APPROVED

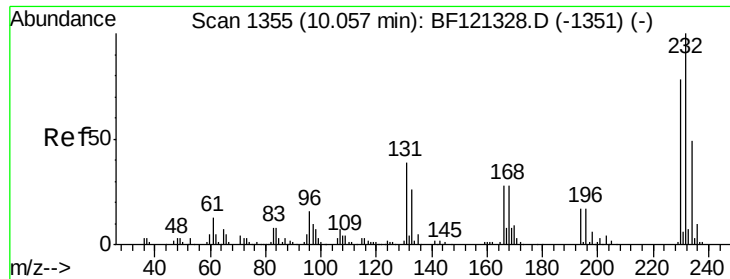
Sohil  
8/24/2020 1:50:07 PM



#58  
Fluorene  
Concen: 40.732 ng  
RT: 10.28 min Scan# 1393  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 720902 |       |       |
| 165     | 93.9  |        | 75.8  | 113.8 |
| 167     | 13.2  |        | 11.0  | 16.4  |





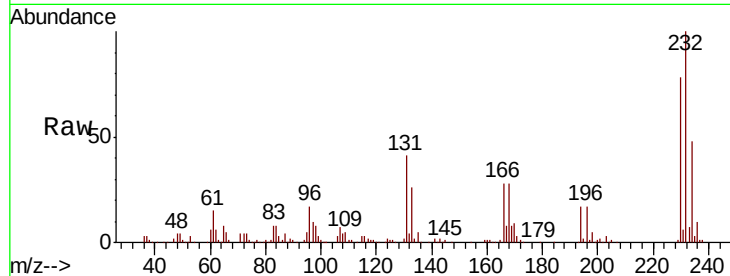
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 35.971 ng  
 RT: 10.06 min Scan# 1356  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

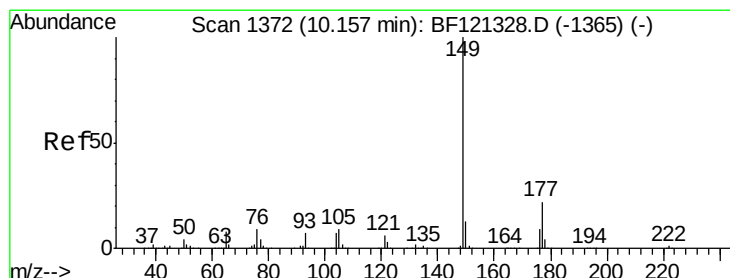
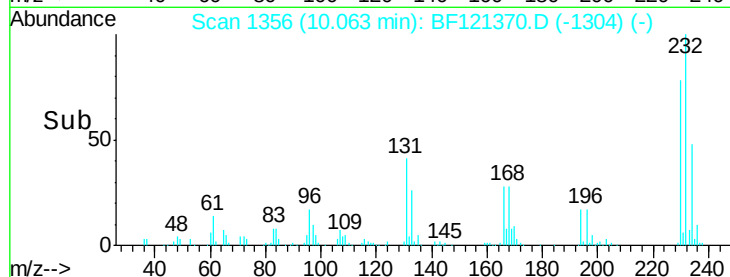
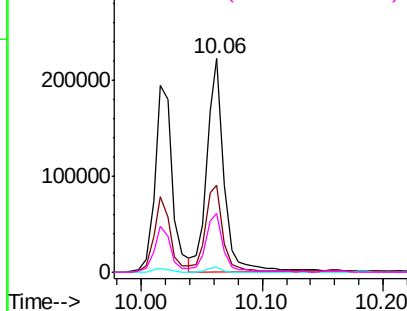
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.4  | 34.2  | 51.4  |
| 130     | 2.1   | 1.7   | 2.5   |
| 166     | 28.3  | 22.3  | 33.5  |

Manual Integrations  
 APPROVED

Sohil  
 8/24/2020 1:50:07 PM



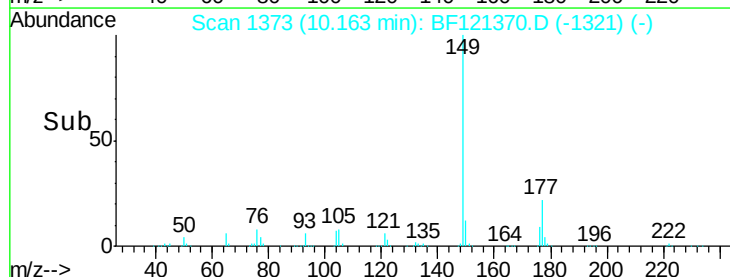
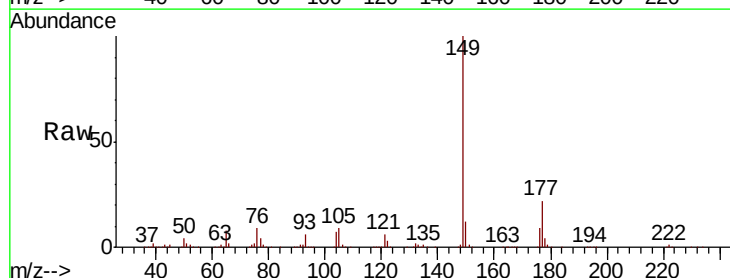
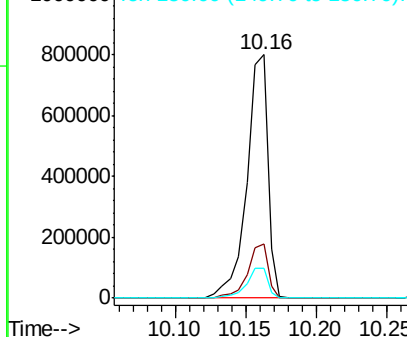
Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

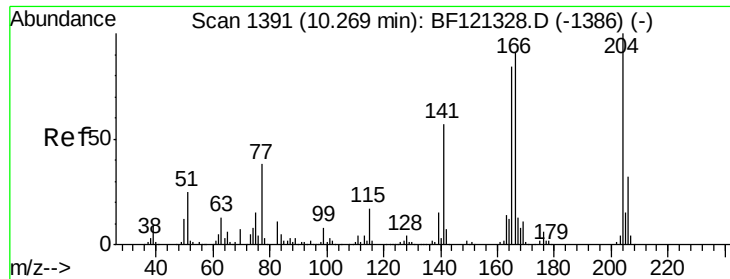


#60  
 Diethylphthalate  
 Concen: 35.261 ng  
 RT: 10.16 min Scan# 1373  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.3  | 17.6  | 26.4  |
| 150     | 12.4  | 10.1  | 15.1  |

Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E





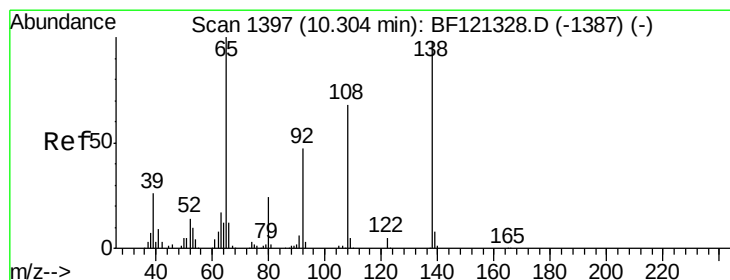
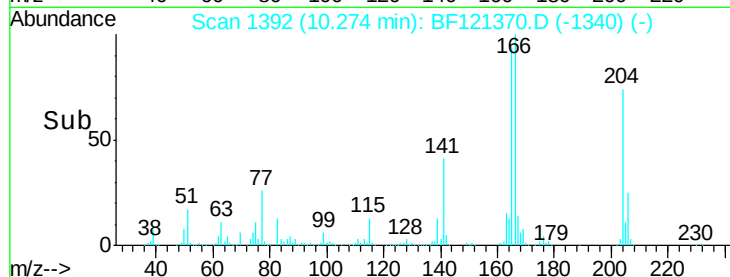
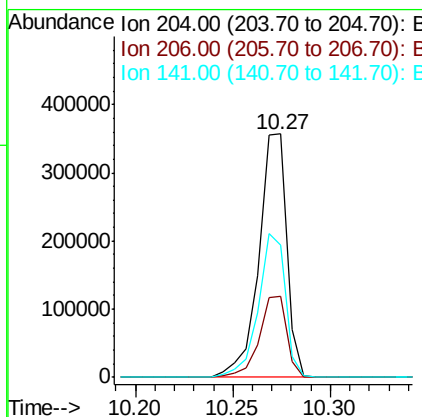
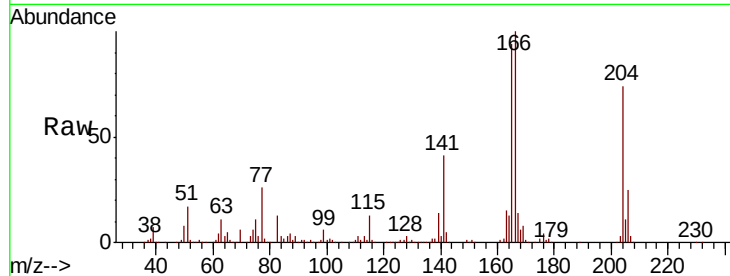
#61  
4-Chlorophenyl-phenylether  
Concen: 39.744 ng  
RT: 10.27 min Scan# 1392  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.1  | 25.9  | 38.9  |
| 141     | 54.5  | 45.5  | 68.3  |

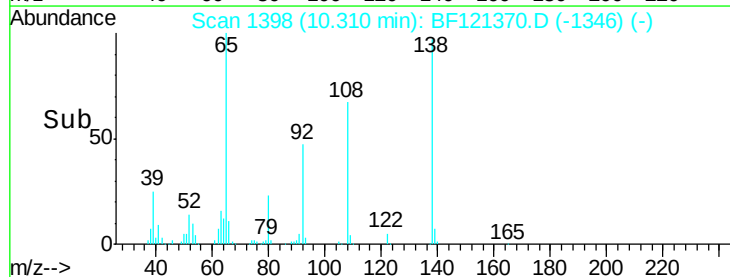
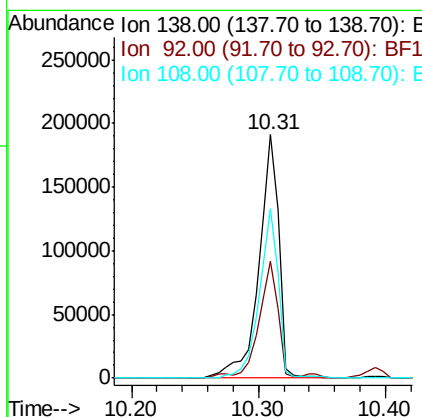
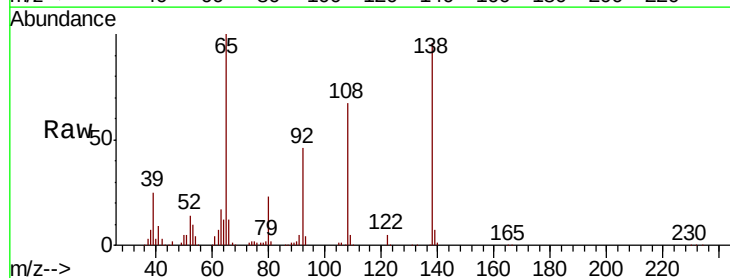
Manual Integrations  
APPROVED

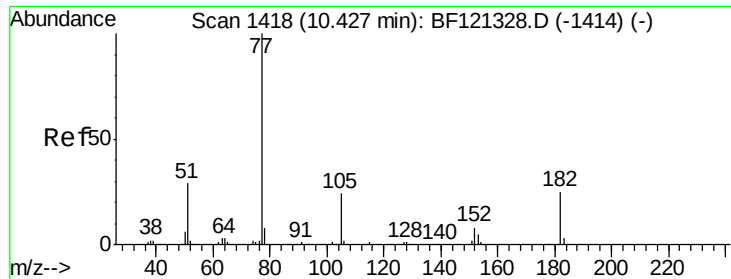
Sohil  
8/24/2020 1:50:07 PM



#62  
4-Nitroaniline  
Concen: 31.904 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.2  | 28.1  | 68.1  |
| 108     | 69.8  | 49.5  | 89.5  |





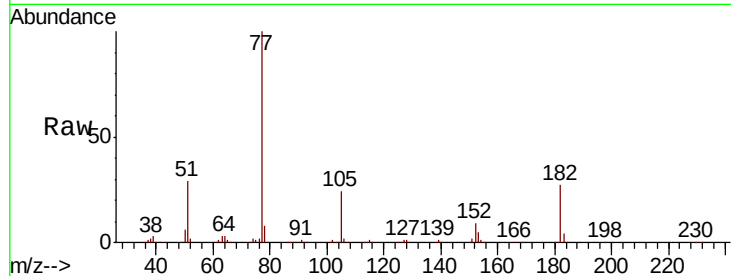
#63  
Azobenzene  
Concen: 35.762 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

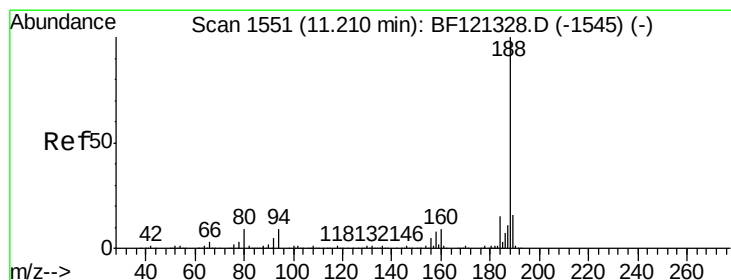
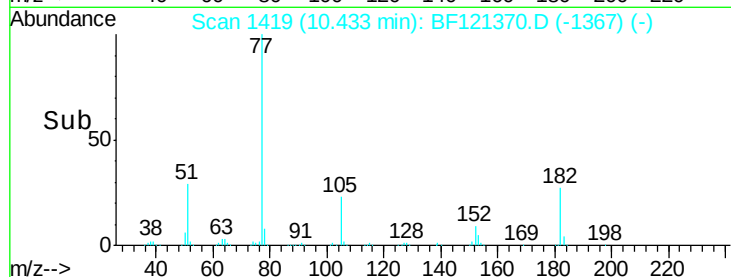
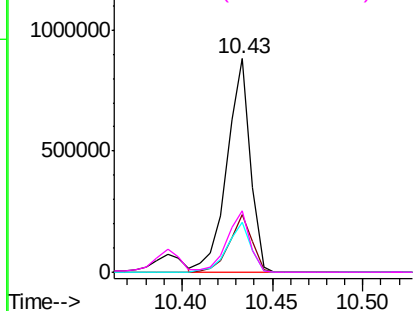
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.0  | 5.0   | 45.0  |
| 105     | 23.7  | 3.6   | 43.6  |
| 51      | 28.8  | 8.8   | 48.8  |

Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM



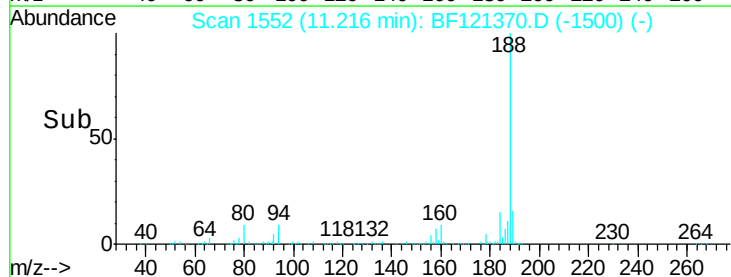
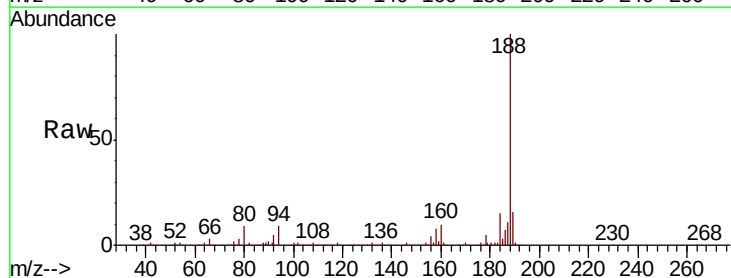
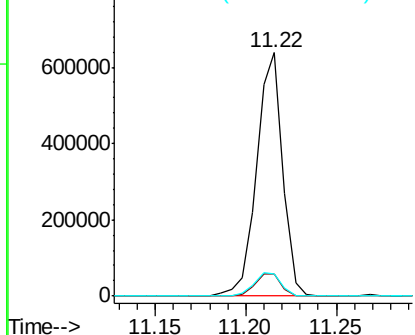
Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

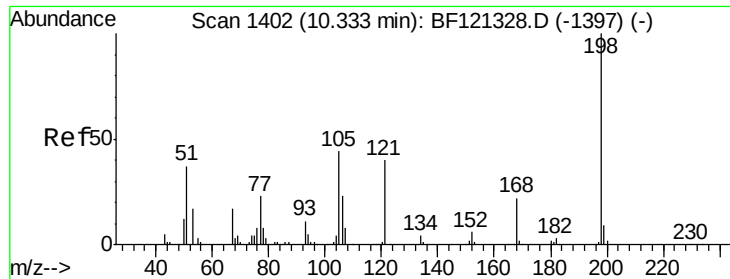


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.22 min Scan# 1552  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.3   | 7.2   | 10.8  |
| 80      | 9.3   | 7.4   | 11.0  |

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





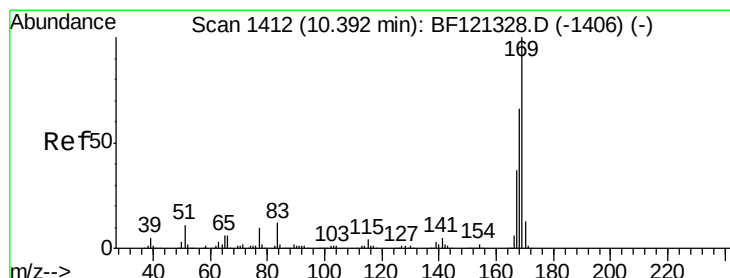
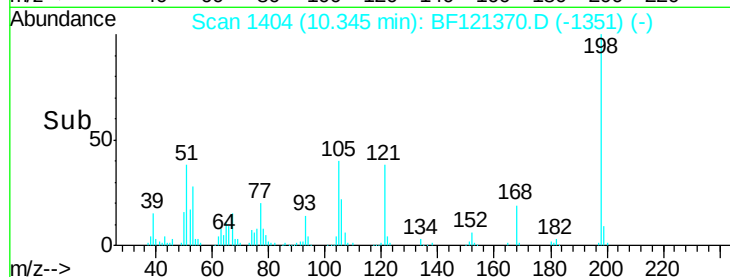
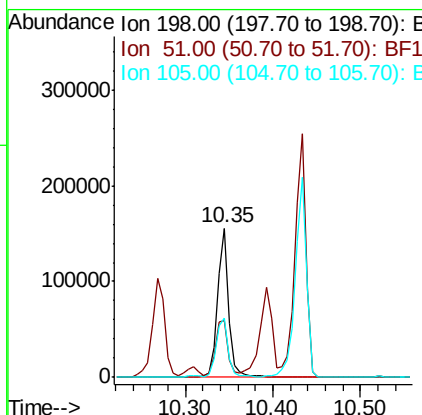
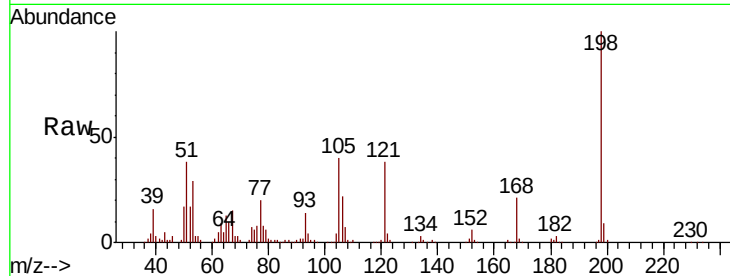
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.182 ng  
RT: 10.35 min Scan# 1404  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 139654 |       |       |
| 51      | 38.2  | 25.5   | 65.5  |       |
| 105     | 39.7  | 24.9   | 64.9  |       |

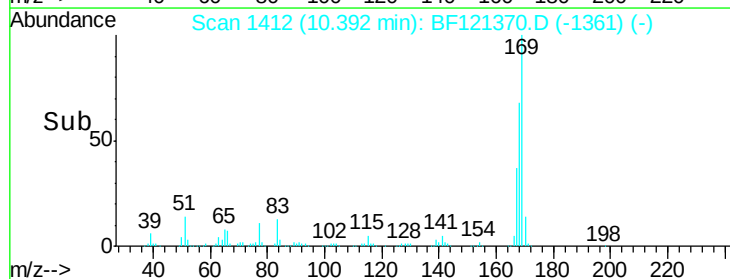
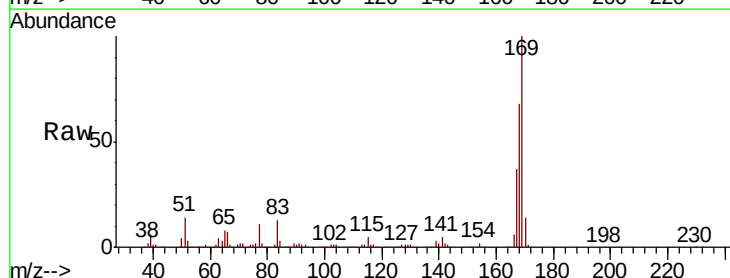
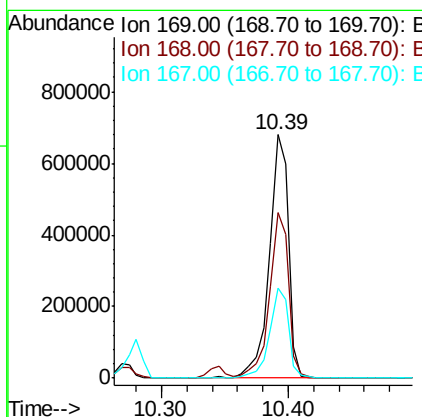
Manual Integrations  
APPROVED

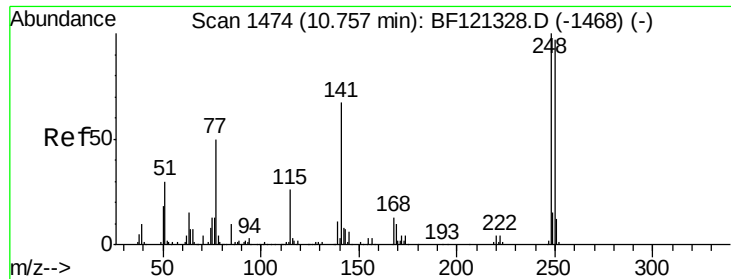
Sohil  
8/24/2020 1:50:07 PM



#66  
n-Nitrosodiphenylamine  
Concen: 36.171 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. -0.00 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 707488 |       |       |
| 168     | 67.8  | 53.0   | 79.6  |       |
| 167     | 37.2  | 29.5   | 44.3  |       |





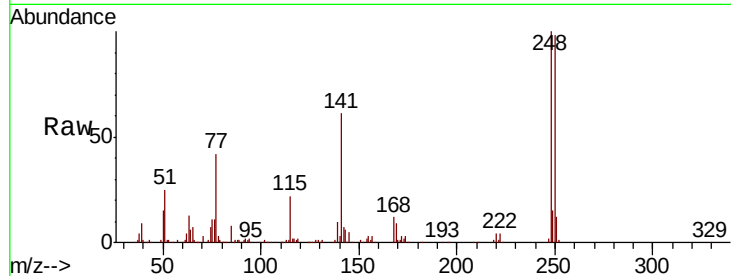
#67  
 4-Bromophenyl-phenylether  
 Concen: 35.018 ng  
 RT: 10.76 min Scan# 1475  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.3  | 77.9  | 116.9 |
| 141     | 60.9  | 53.5  | 80.3  |

Manual Integrations  
 APPROVED

Sohil  
 8/24/2020 1:50:07 PM

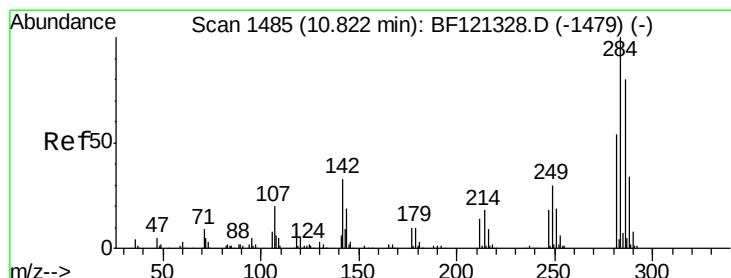
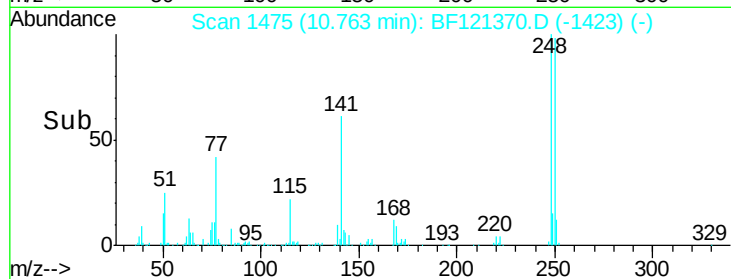
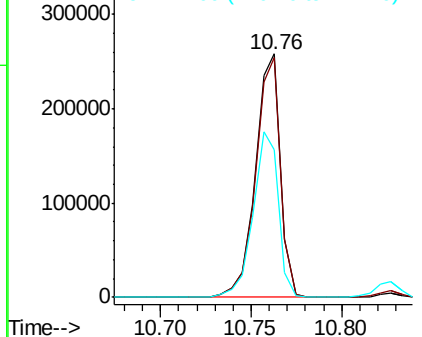


Abundance

Ion 248.00 (247.70 to 248.70): E

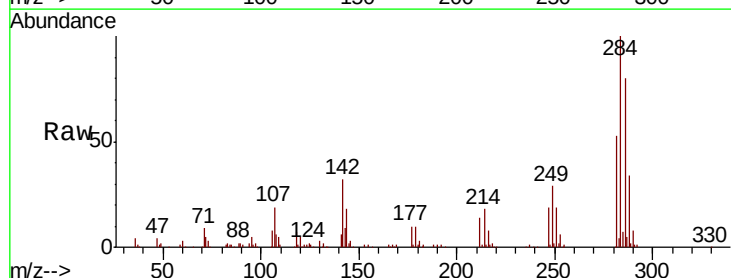
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 34.106 ng  
 RT: 10.83 min Scan# 1486  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.6  | 26.1  | 39.1  |
| 249     | 29.4  | 24.0  | 36.0  |

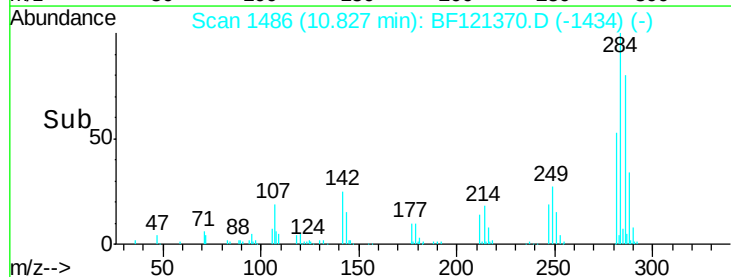
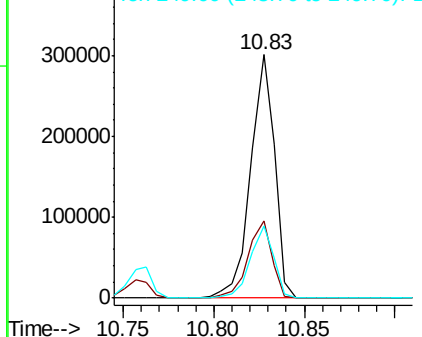


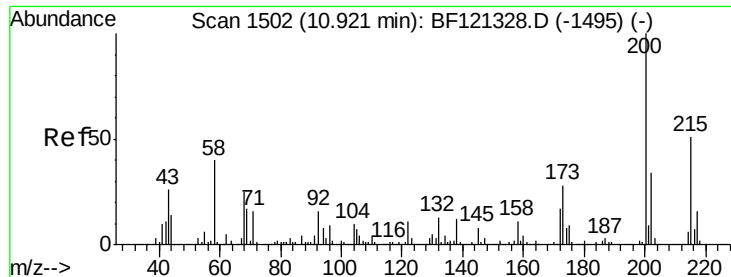
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





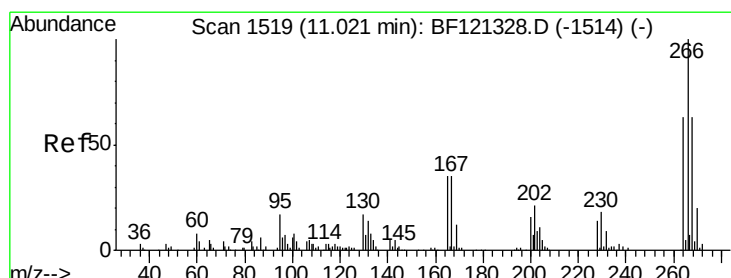
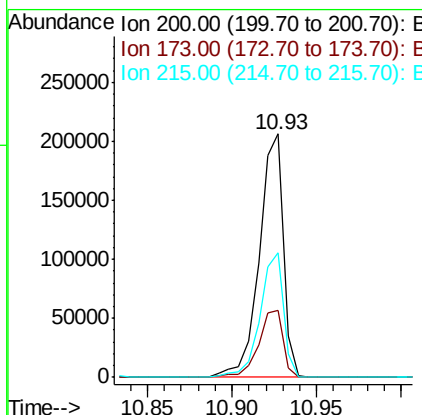
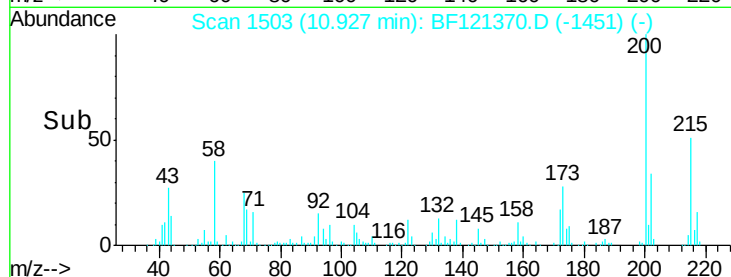
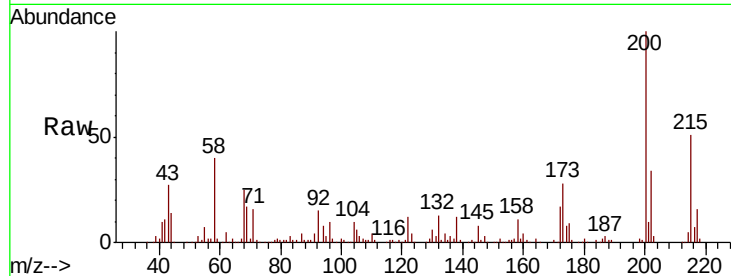
#69  
 Atrazine  
 Concen: 33.722 ng  
 RT: 10.93 min Scan# 1503  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.7  | 7.8   | 47.8  |
| 215     | 51.0  | 30.5  | 70.5  |

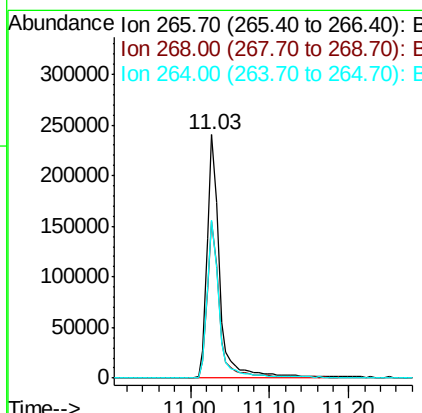
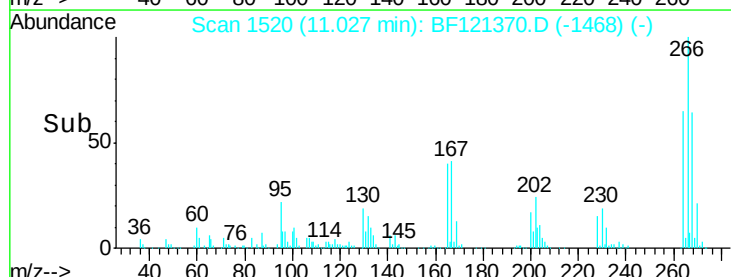
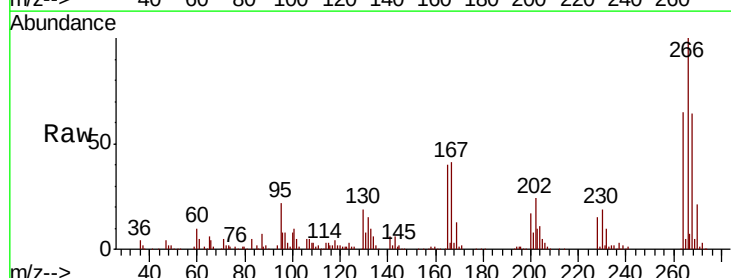
Manual Integrations  
 APPROVED

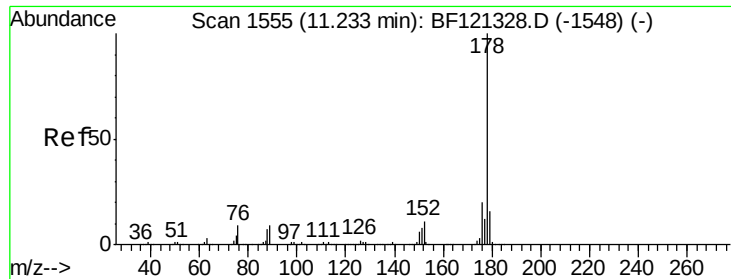
Sohil  
 8/24/2020 1:50:07 PM



#70  
 Pentachlorophenol  
 Concen: 74.492 ng  
 RT: 11.03 min Scan# 1520  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.5  | 50.6  | 75.8  |
| 264     | 64.6  | 50.5  | 75.7  |





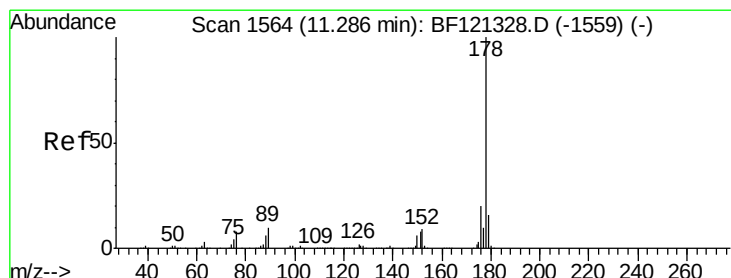
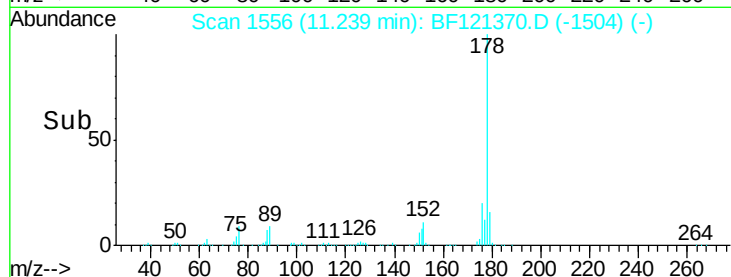
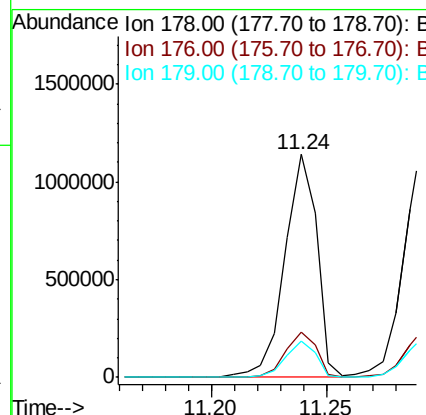
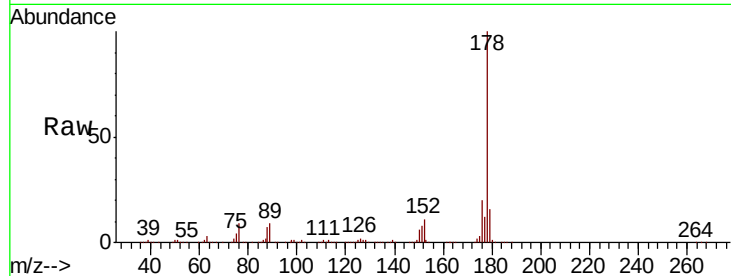
#71  
Phenanthrene  
Concen: 33.446 ng  
RT: 11.24 min Scan# 1556  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

Tot Ion:178 Resp: 1097634  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.0 24.0  
179 16.0 12.8 19.2

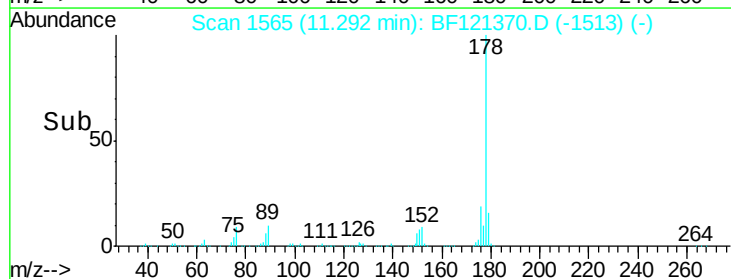
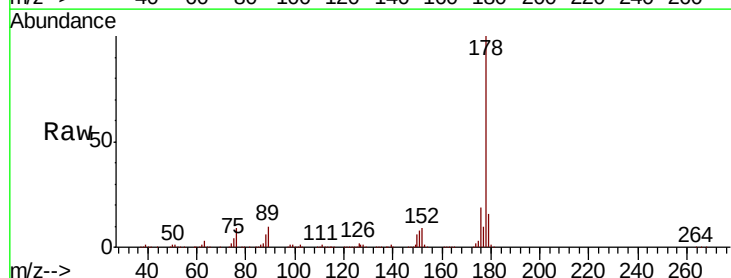
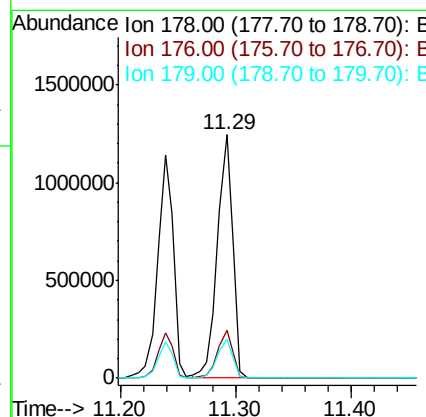
Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM

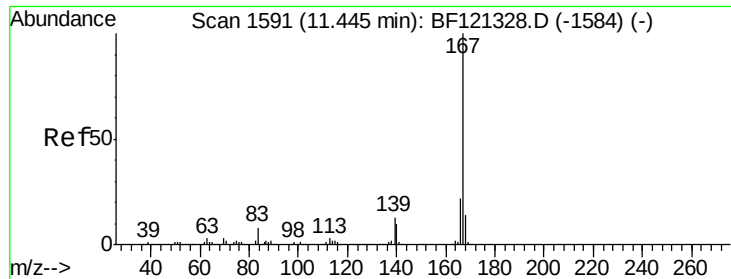


#72  
Anthracene  
Concen: 36.569 ng  
RT: 11.29 min Scan# 1565  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Tgt Ion:178 Resp: 1155699  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.9 12.8 19.2







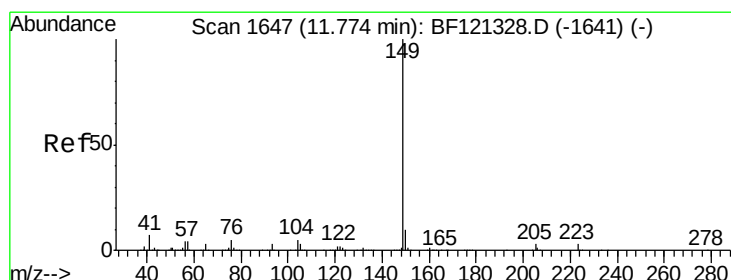
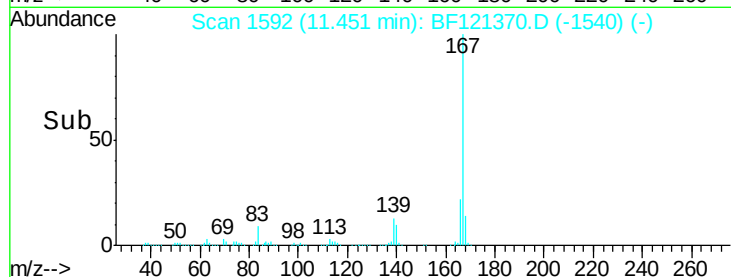
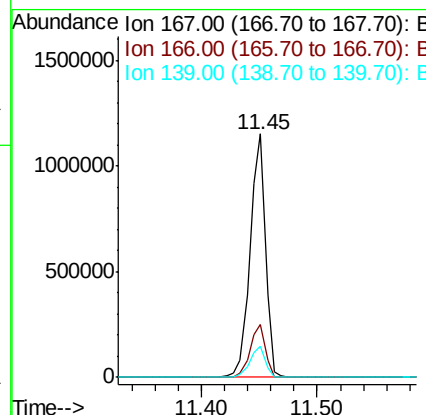
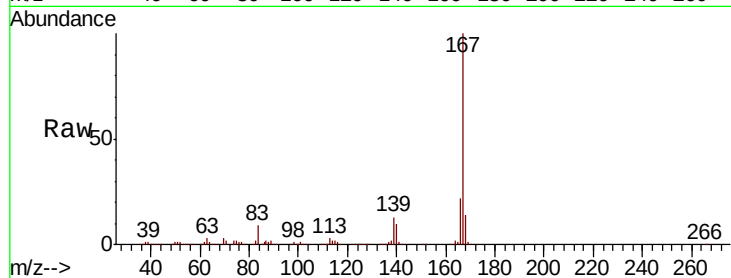
#73  
 Carbazole  
 Concen: 35.277 ng  
 RT: 11.45 min Scan# 1592  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.7  | 26.5  |
| 139     | 12.6  | 10.2  | 15.2  |

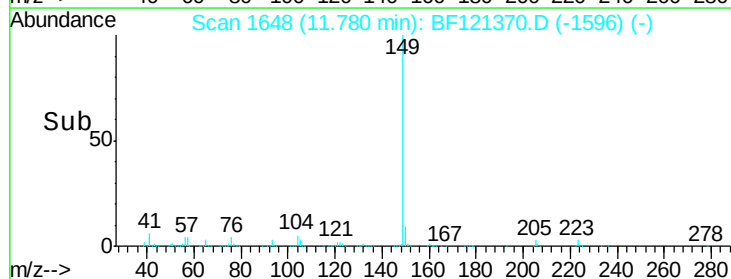
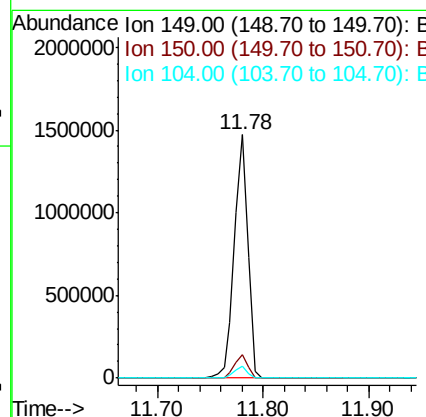
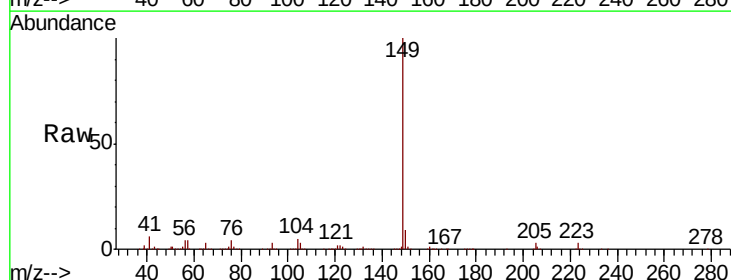
Manual Integrations  
 APPROVED

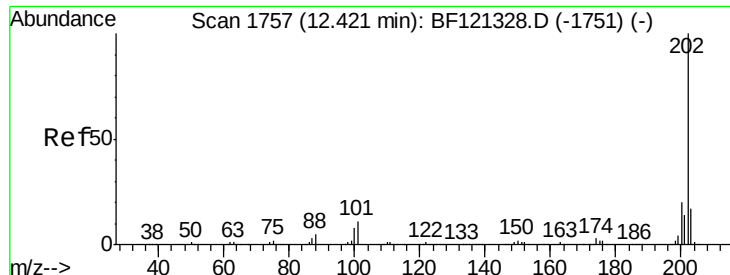
Sohil  
 8/24/2020 1:50:07 PM



#74  
 Di-n-butylphthalate  
 Concen: 35.844 ng  
 RT: 11.78 min Scan# 1648  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 7.7   | 11.5  |
| 104     | 4.8   | 3.9   | 5.9   |





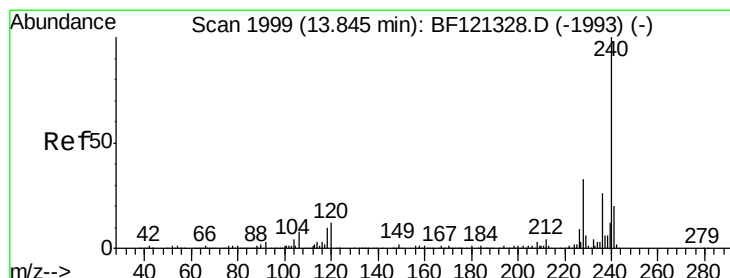
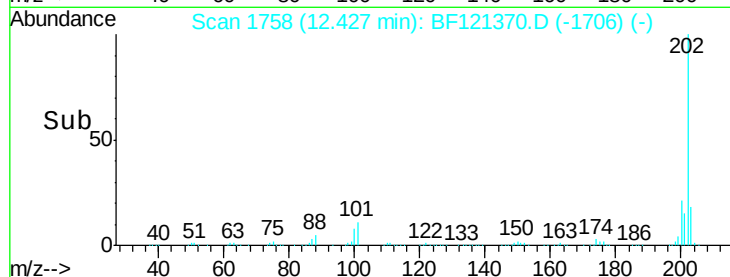
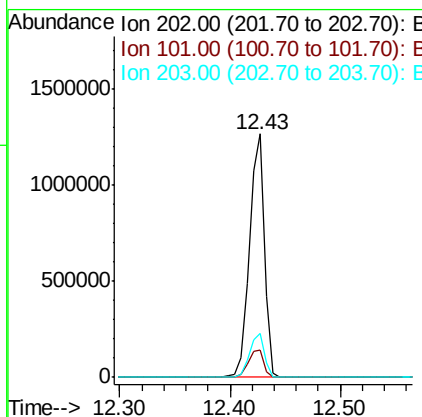
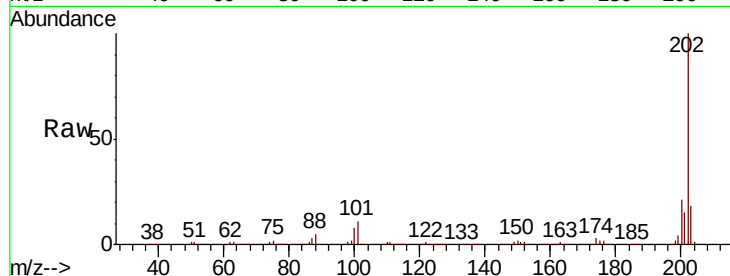
#75  
 Fluoranthene  
 Concen: 33.873 ng  
 RT: 12.43 min Scan# 1758  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.3  | 0.0   | 30.6  |
| 203     | 18.1  | 0.0   | 37.5  |

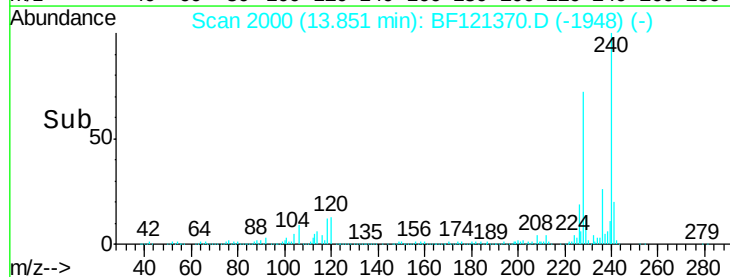
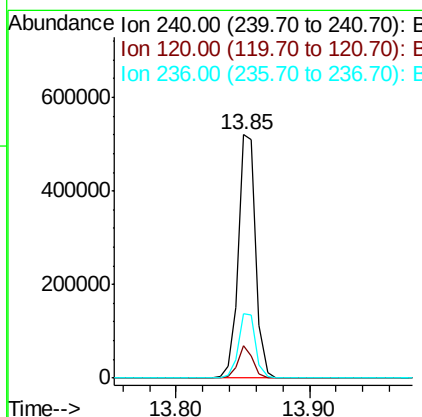
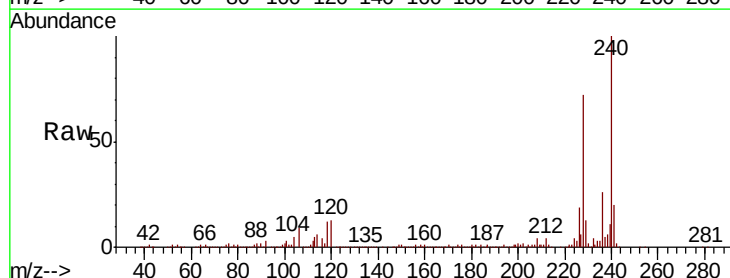
Manual Integrations  
 APPROVED

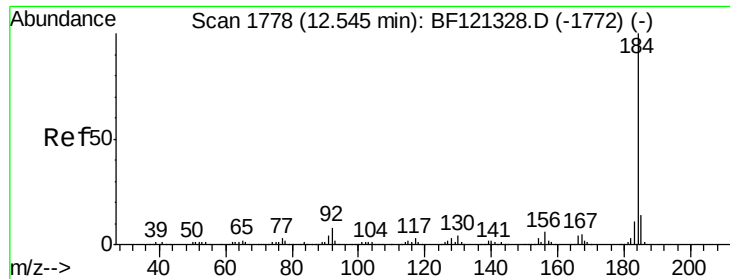
Sohil  
 8/24/2020 1:50:07 PM



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.85 min Scan# 2000  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.1  | 9.6   | 14.4  |
| 236     | 26.2  | 20.6  | 31.0  |





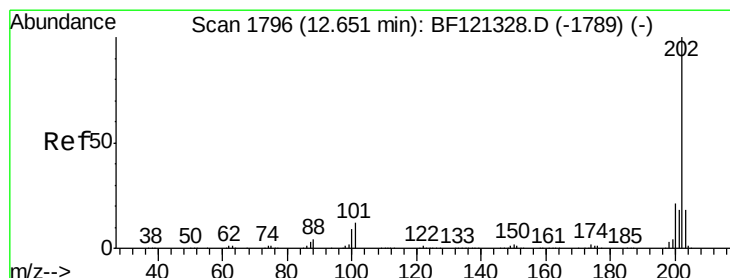
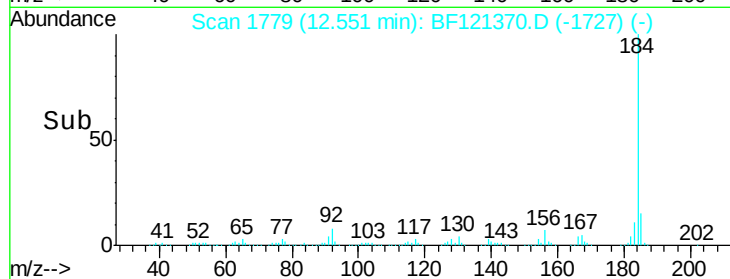
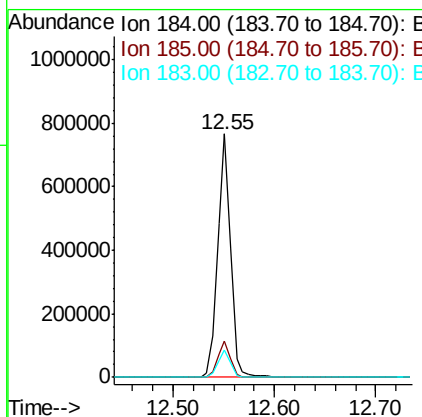
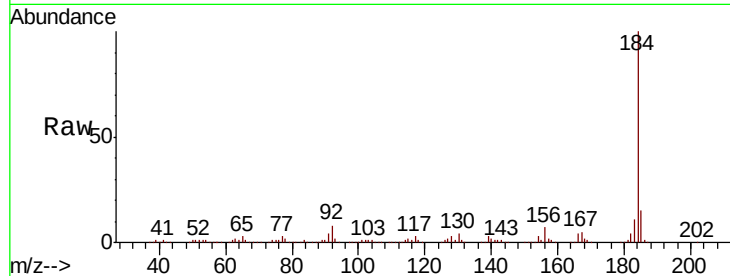
#77  
Benzidine  
Concen: 51.704 ng  
RT: 12.55 min Scan# 1779  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.7  | 11.6  | 17.4  |
| 183     | 11.1  | 8.7   | 13.1  |

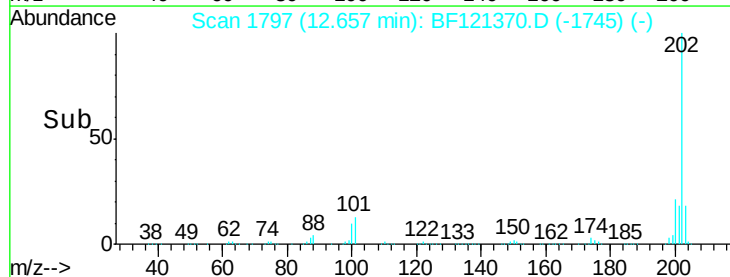
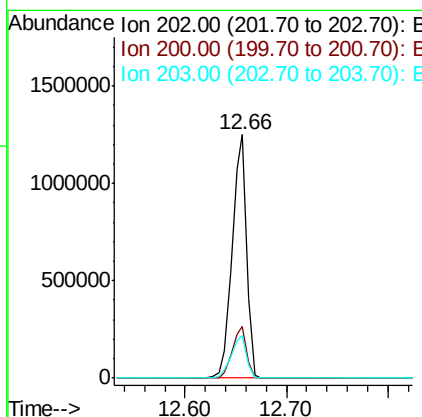
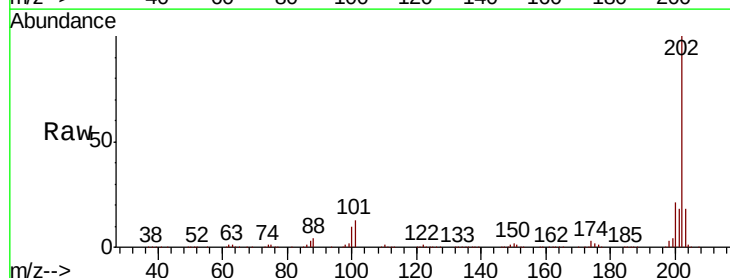
Manual Integrations  
APPROVED

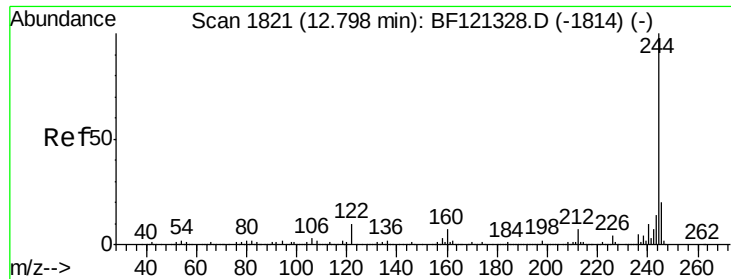
Sohil  
8/24/2020 1:50:07 PM



#78  
Pyrene  
Concen: 34.570 ng  
RT: 12.66 min Scan# 1797  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.2  | 16.6  | 24.8  |
| 203     | 17.7  | 14.2  | 21.2  |





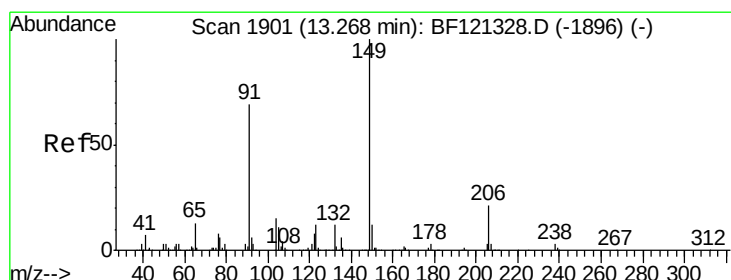
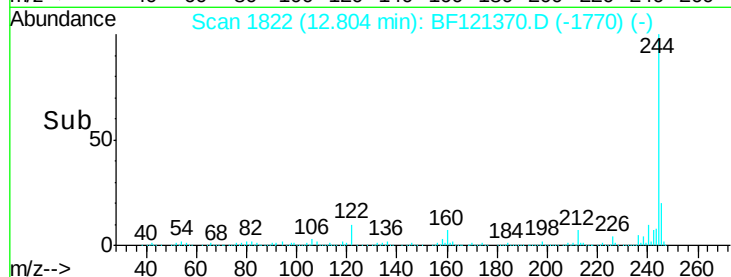
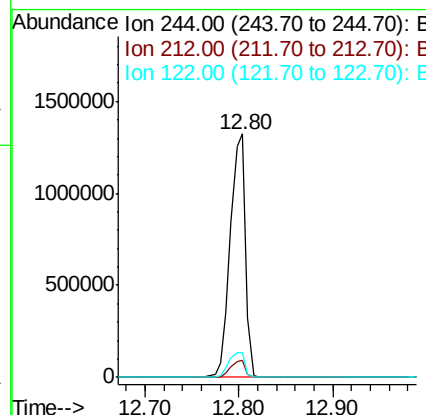
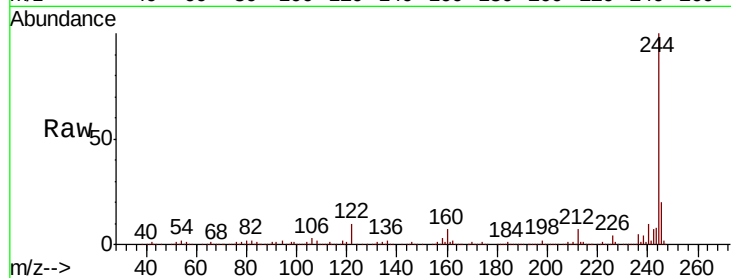
#79  
 Terphenyl-d14  
 Concen: 61.295 ng  
 RT: 12.80 min Scan# 1822  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.8   | 5.4   | 8.0   |
| 122     | 9.9   | 7.8   | 11.8  |

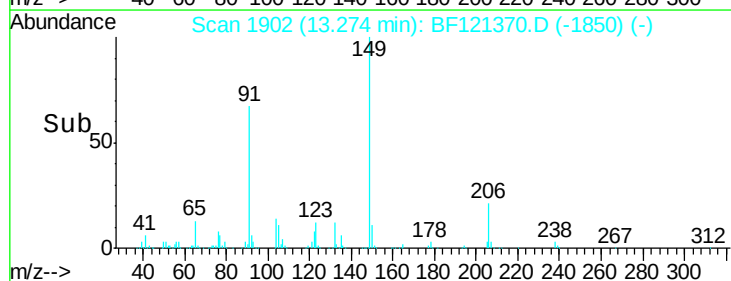
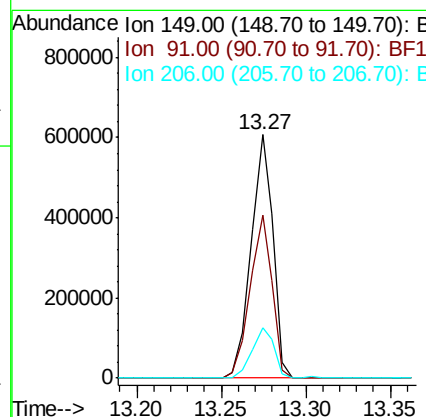
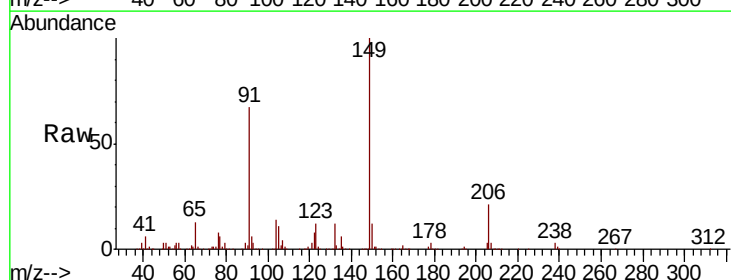
Manual Integrations  
 APPROVED

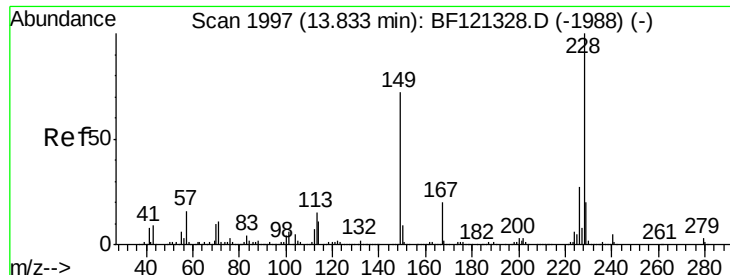
Sohil  
 8/24/2020 1:50:07 PM



#80  
 Butylbenzylphthalate  
 Concen: 36.064 ng  
 RT: 13.27 min Scan# 1902  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 67.0  | 55.2  | 82.8  |
| 206     | 20.9  | 16.8  | 25.2  |





#81

Benzo(a)anthracene

Concen: 33.322 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

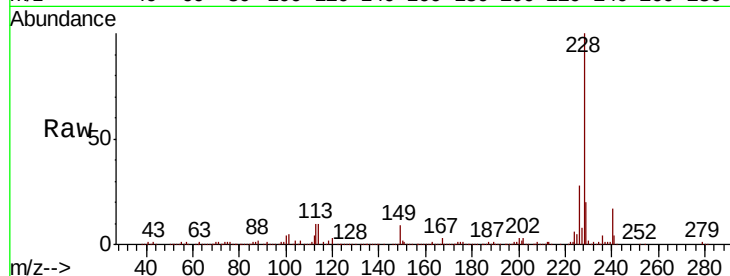
ClientSampled :

PB131076BS

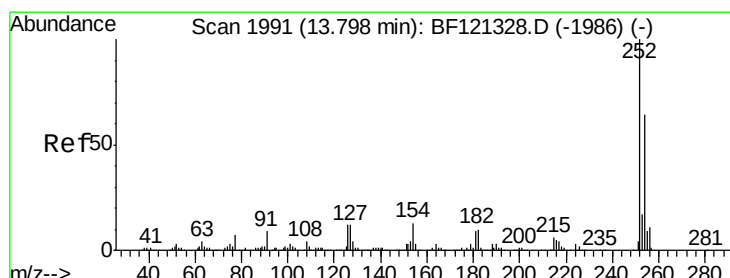
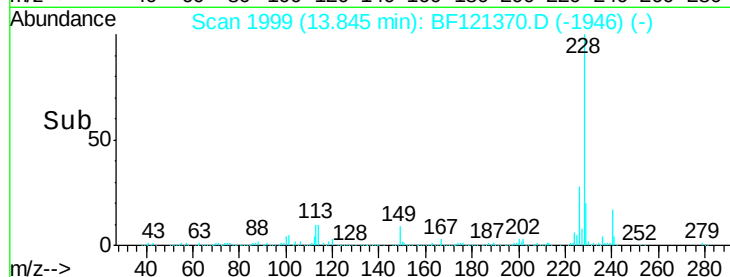
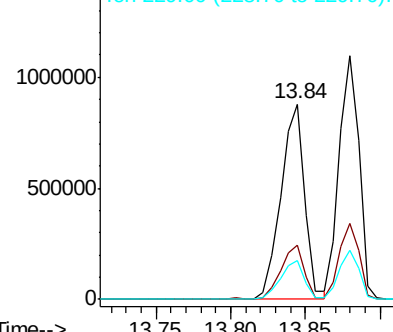
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 982159 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.9  | 21.8  | 32.6   |
| 229       | 20.0  | 15.8  | 23.8   |

Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM



Abundance Ion 228.00 (227.70 to 228.70): E  
1500000 Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.262 ng

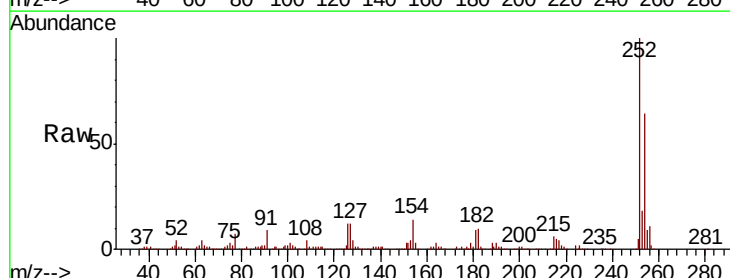
RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

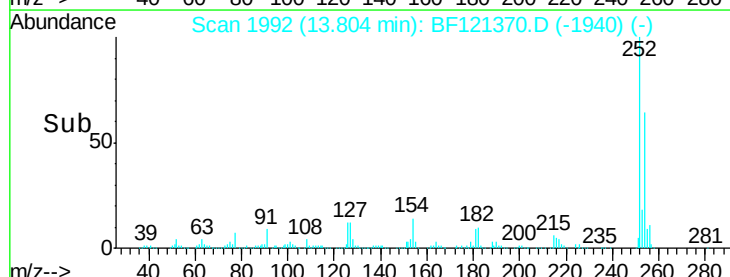
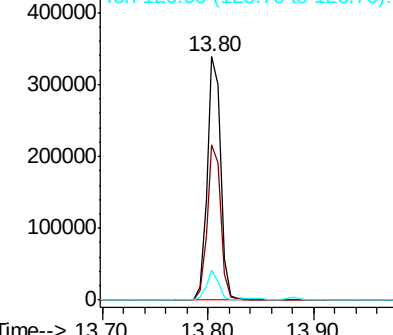
Lab File: BF121370.D

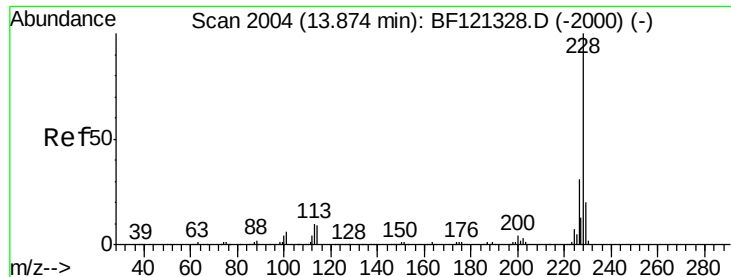
Acq: 21 Aug 2020 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 308520 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 63.7  | 51.5  | 77.3   |
| 126       | 12.5  | 9.8   | 14.8   |



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: 34.377 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

ClientSampled :

PB131076BS

Tot Ion:228 Resp: 1036322

Ion Ratio Lower Upper

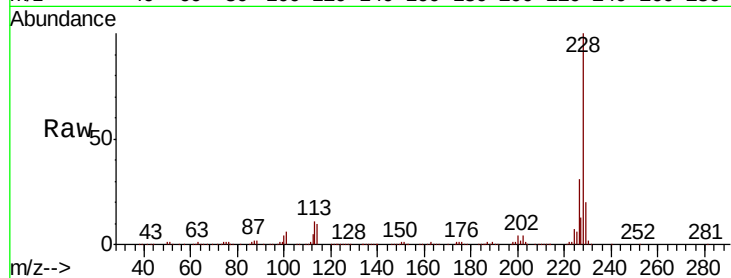
228 100

226 31.3 24.6 36.8

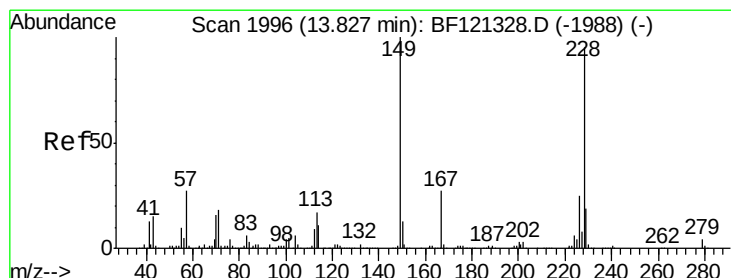
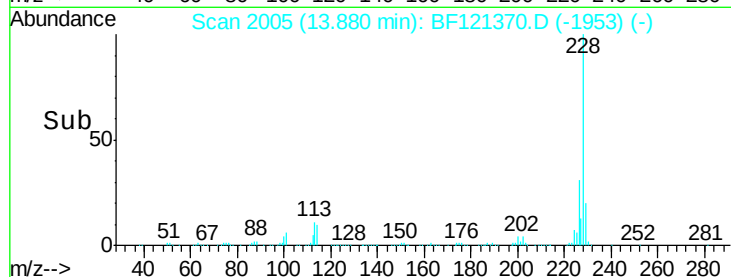
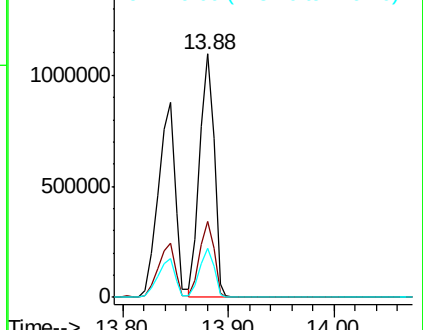
229 20.3 15.9 23.9

Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM



Abundance Ion 228.00 (227.70 to 228.70): E  
1500000 Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.429 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

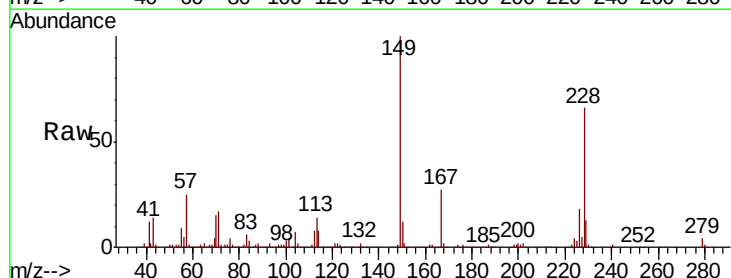
Tgt Ion:149 Resp: 656198

Ion Ratio Lower Upper

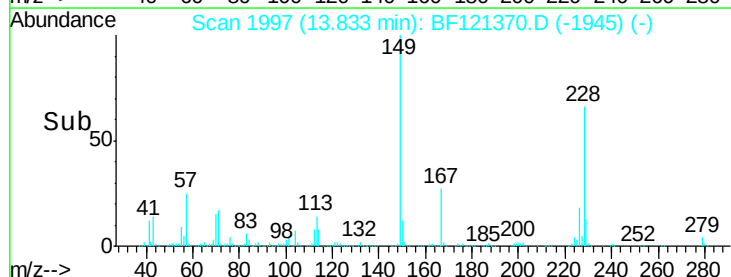
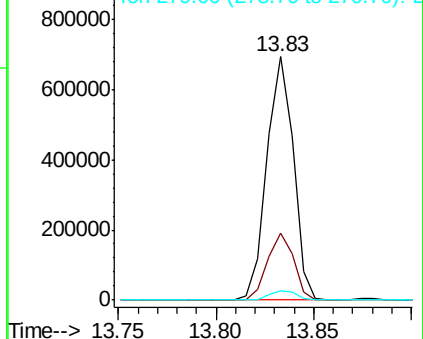
149 100

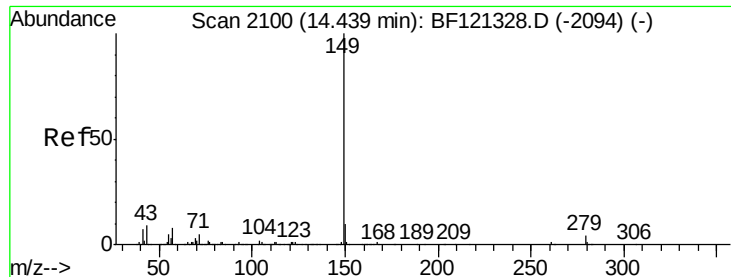
167 27.4 21.5 32.3

279 4.1 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E  
800000 Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.245 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

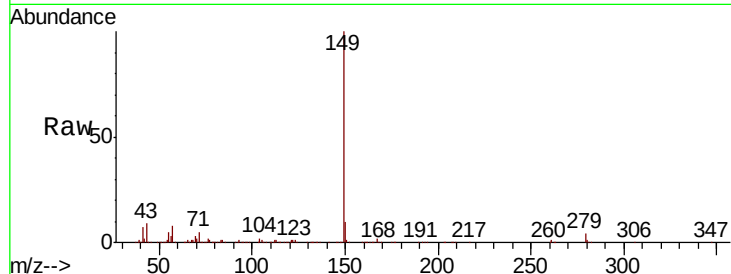
ClientSampleId :

PB131076BS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 149   | Resp: | 1241571 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.6   | 1.2   | 1.8     |
| 43        | 9.2   | 7.1   | 10.7    |

Manual Integrations  
APPROVED

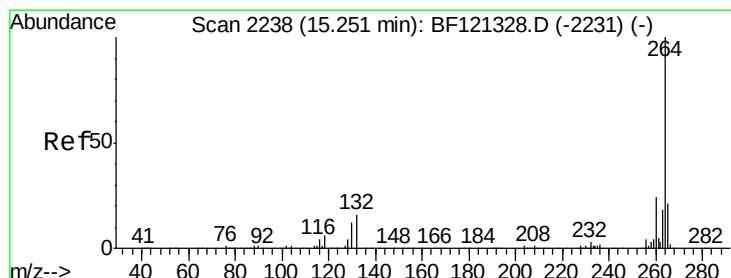
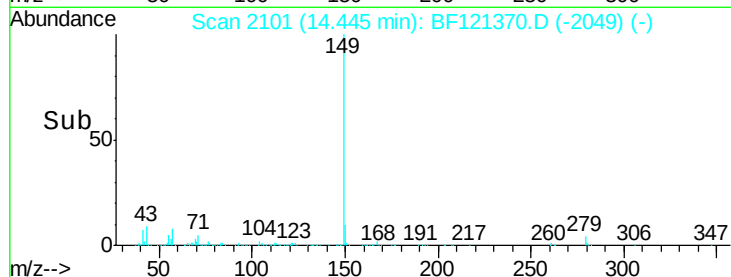
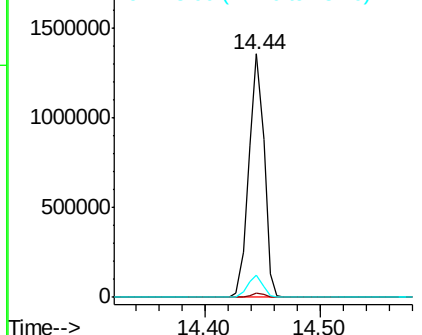
Sohil  
8/24/2020 1:50:07 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

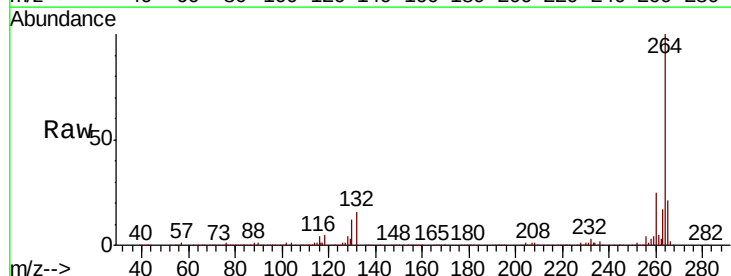
RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

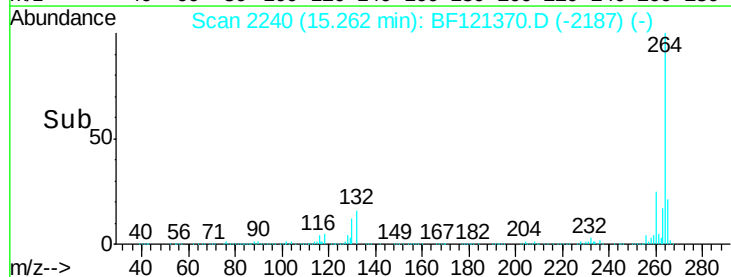
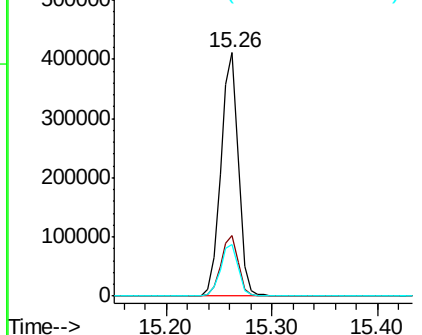
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 477490 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.7  | 19.5  | 29.3   |
| 265       | 21.3  | 17.1  | 25.7   |

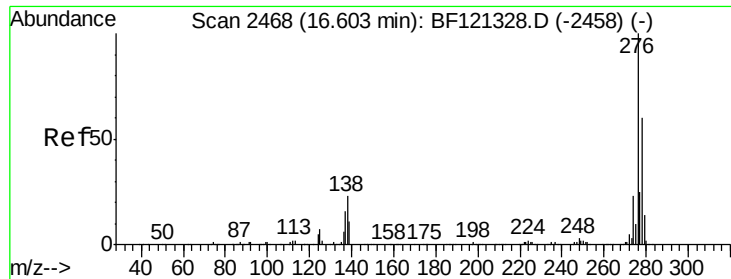


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





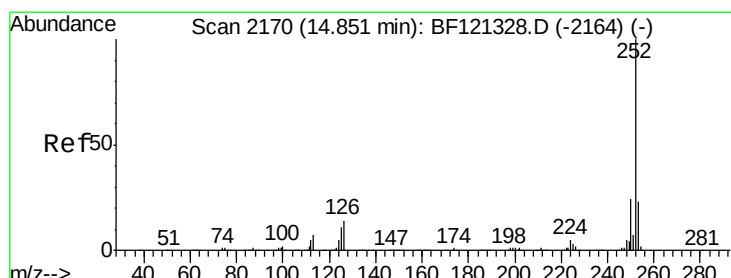
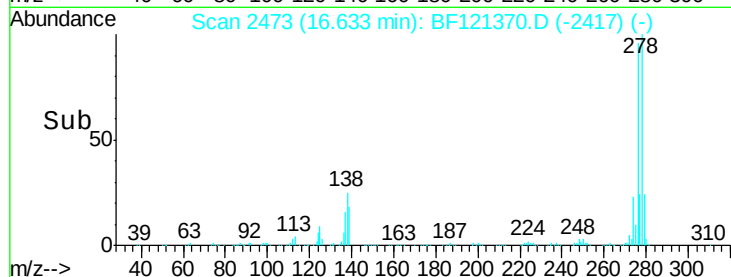
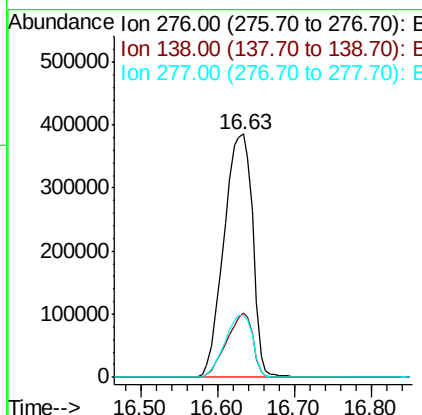
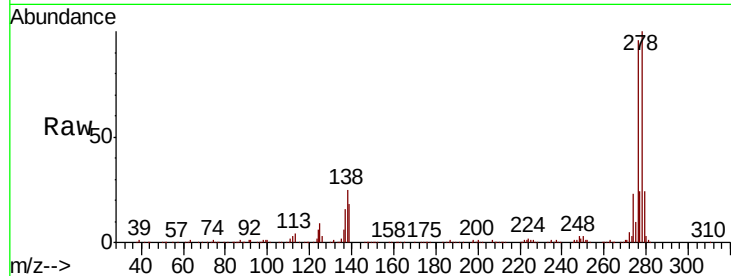
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 34.325 ng  
 RT: 16.63 min Scan# 2473  
 Delta R.T. 0.03 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.4  | 19.4  | 29.0  |
| 277     | 25.1  | 19.9  | 29.9  |

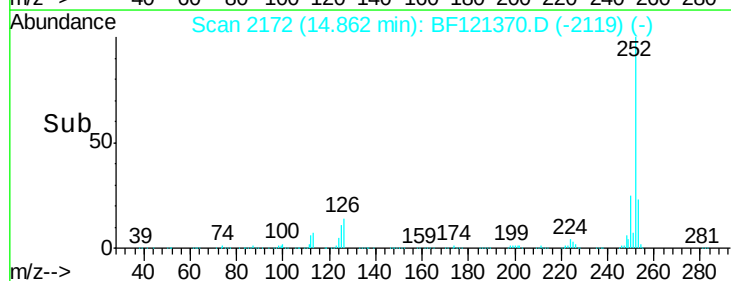
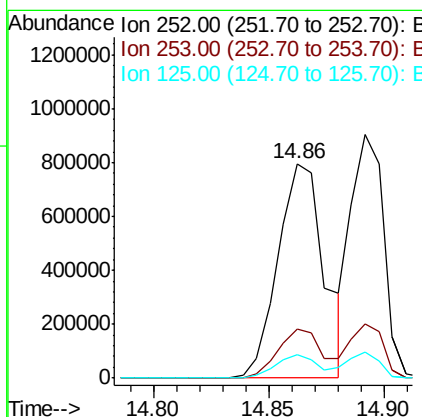
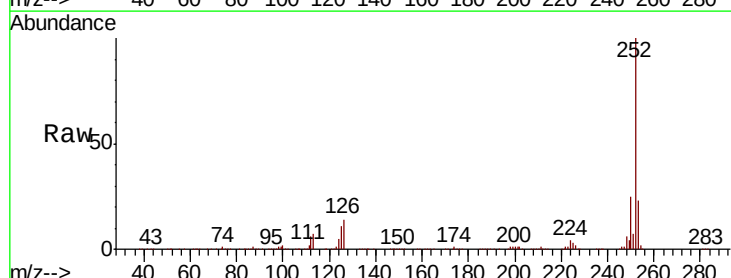
Manual Integrations  
 APPROVED

Sohil  
 8/24/2020 1:50:07 PM

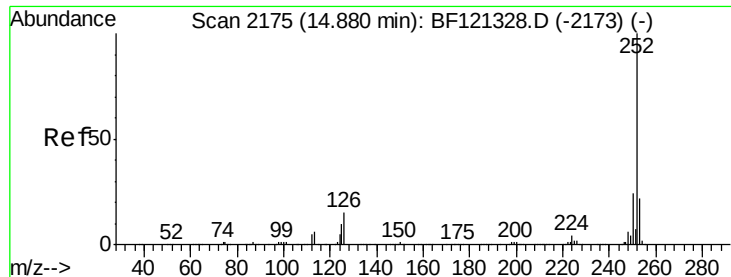


#88  
 Benzo(b)fluoranthene  
 Concen: 35.972 ng  
 RT: 14.86 min Scan# 2172  
 Delta R.T. 0.01 min  
 Lab File: BF121370.D  
 Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.0  | 27.0  |
| 125     | 11.0  | 8.6   | 12.8  |







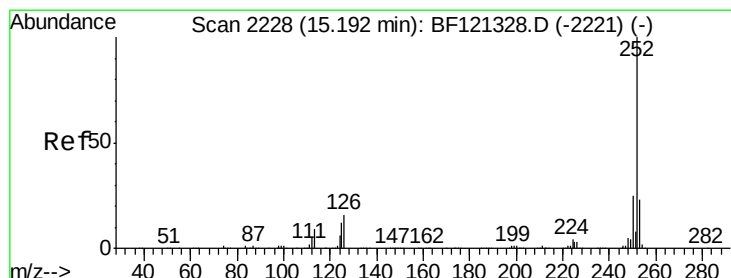
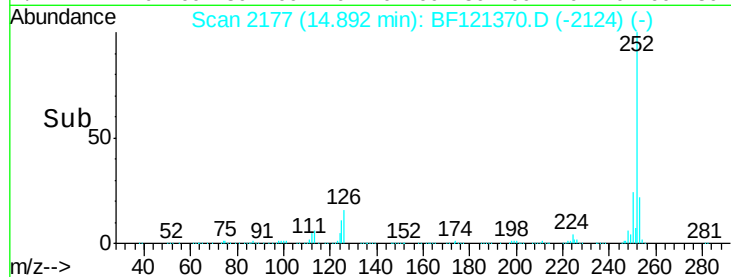
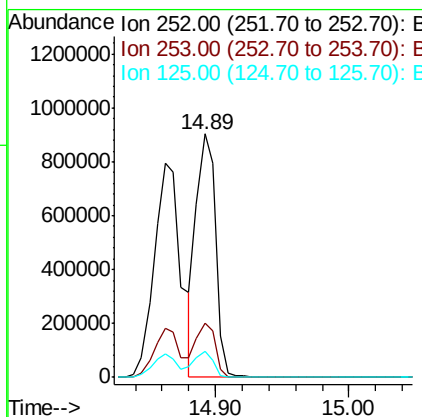
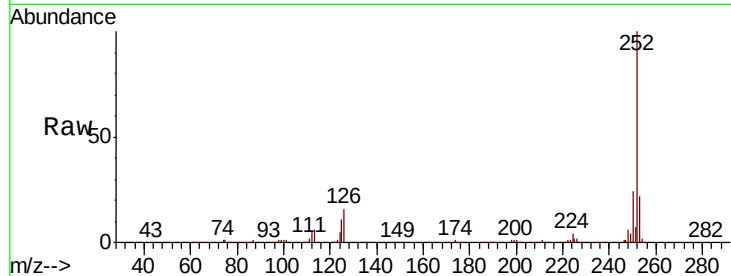
#89  
Benzo(k)fluoranthene  
Concen: 32.887 ng  
RT: 14.89 min Scan# 2177  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.9  | 26.9  |
| 125     | 10.8  | 8.6   | 12.8  |

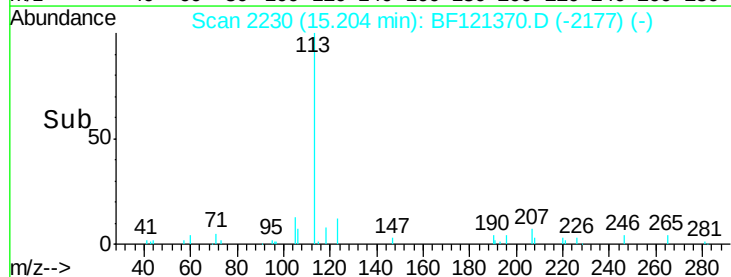
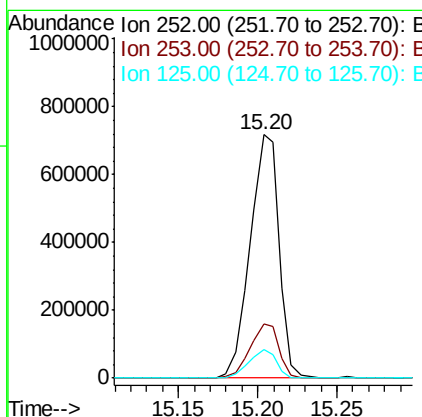
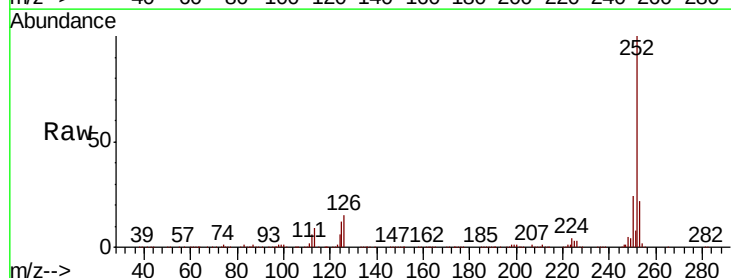
Manual Integrations  
APPROVED

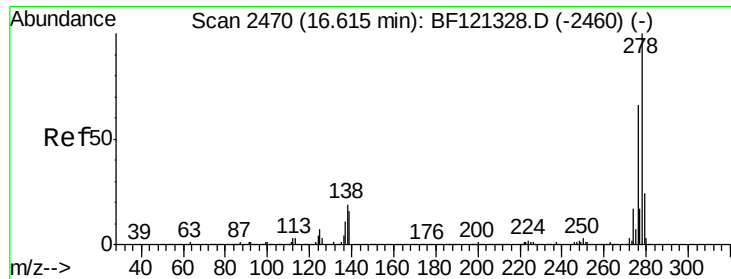
Sohil  
8/24/2020 1:50:07 PM



#90  
Benzo(a)pyrene  
Concen: 34.206 ng  
RT: 15.20 min Scan# 2230  
Delta R.T. 0.01 min  
Lab File: BF121370.D  
Acq: 21 Aug 2020 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 18.0  | 27.0  |
| 125     | 11.9  | 9.4   | 14.0  |





#91

Dibenzo(a,h)anthracene

Concen: 34.783 ng

RT: 16.64 min Scan# 2474

Delta R.T. 0.02 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

Instrument :

BNA\_F

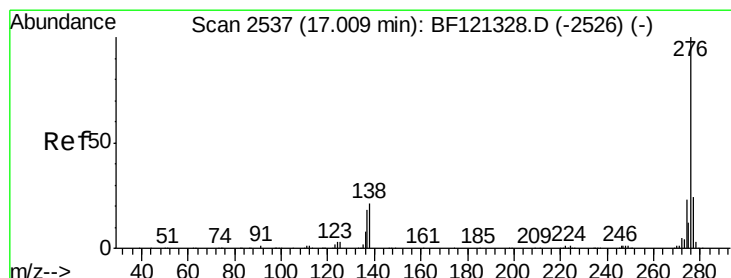
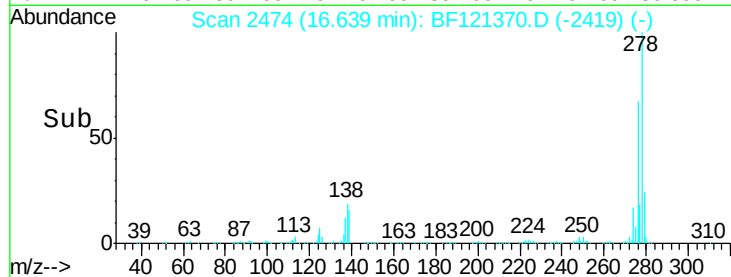
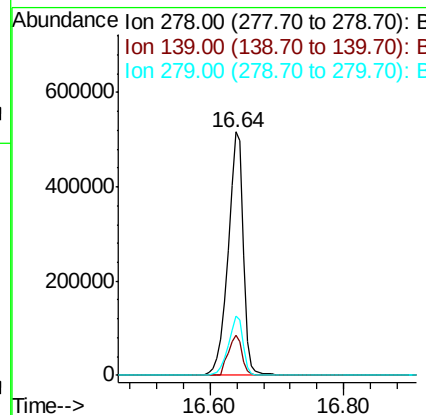
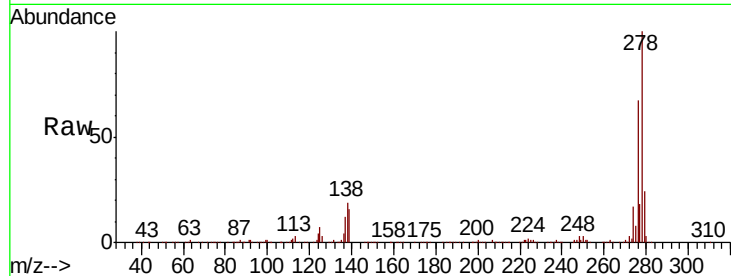
ClientSampleId :

PB131076BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 831240 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 16.3  | 13.1  | 19.7   |
| 279       | 24.2  | 19.4  | 29.2   |

Manual Integrations  
APPROVED

Sohil  
8/24/2020 1:50:07 PM



#92

Benzo(g,h,i)perylene

Concen: 35.859 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.03 min

Lab File: BF121370.D

Acq: 21 Aug 2020 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 837785 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.8  | 19.3  | 28.9   |
| 138       | 21.4  | 16.8  | 25.2   |

