

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060421\  
 Data File : BF124132.D  
 Acq On : 4 Jun 2021 10:53  
 Operator : JU/CG  
 Sample : PB136793BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB136793BS

Manual Integrations  
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 6/7/2021 12:24:10 PM

Quant Time: Jun 04 11:31:25 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 04 09:56:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.863  | 152  | 48412    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 191717   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.910  | 164  | 110428   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 207953   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 135994   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.509 | 264  | 99409    | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 395487   | 122.97 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.516  | 99   | 487005   | 112.66 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.433  | 82   | 369371   | 76.41  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 188290   | 120.35 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.227  | 172  | 704625   | 80.29  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 785009   | 79.25  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.746  | 88   | 48860    | 34.72  | ng    | 96       |
| 3) Pyridine                   | 3.487  | 79   | 120054   | 33.31  | ng    | 88       |
| 4) n-Nitrosodimethylamine     | 3.451  | 42   | 88142    | 41.15  | ng    | 97       |
| 6) Aniline                    | 6.528  | 93   | 153443   | 31.08  | ng    | # 1      |
| 8) 2-Chlorophenol             | 6.657  | 128  | 151299   | 42.28  | ng    | 97       |
| 9) Benzaldehyde               | 6.416  | 77   | 70059    | 36.46  | ng    | 94       |
| 10) Phenol                    | 6.528  | 94   | 195683   | 41.89  | ng    | # 65     |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 149004   | 43.75  | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 181295   | 43.34  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 6.881  | 146  | 181458   | 43.24  | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 7.034  | 146  | 166824   | 41.56  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 155935   | 40.01  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139  | 45   | 224932   | 42.34  | ng    | 77       |
| 17) 2-Methylphenol            | 7.128  | 107  | 121690   | 41.83  | ng    | # 89     |
| 18) Hexachloroethane          | 7.381  | 117  | 70295    | 42.54  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 7.286  | 70   | 127006   | 41.62  | ng    | # 87     |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 164302   | 42.63  | ng    | 87       |
| 22) Acetophenone              | 7.275  | 105  | 231126   | 42.29  | ng    | # 95     |
| 24) Nitrobenzene              | 7.451  | 77   | 184433   | 38.03  | ng    | 94       |
| 25) Isophorone                | 7.692  | 82   | 319703   | 36.70  | ng    | 96       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 84981    | 39.23  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 134124   | 43.91  | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 186812   | 43.26  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 143690   | 40.65  | ng    | 91       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 155433   | 39.24  | ng    | 98       |
| 31) Naphthalene               | 8.175  | 128  | 443782   | 38.72  | ng    | 98       |
| 32) Benzoic acid              | 7.957  | 122  | 76546    | 40.84  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.216  | 127  | 38378    | 9.00   | ng    | # 94     |
| 34) Hexachlorobutadiene       | 8.286  | 225  | 104846   | 37.47  | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 38209m   | 39.35  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 151227   | 39.11  | ng    | 88       |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 316860   | 39.42  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 290999   | 38.74  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 9.033  | 216  | 166823   | 42.64  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 215871   | 99.63  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.145  | 196  | 105427   | 41.32  | ng    | 99       |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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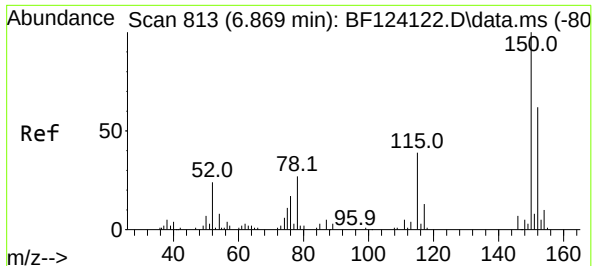
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Quant Time: Jun 04 11:31:25 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
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 QLast Update : Fri Jun 04 09:56:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 108863   | 39.74 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 9.327  | 154  | 406049   | 43.56 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 307826   | 40.57 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 109307   | 39.92 | ng    | 95       |
| 49) Acenaphthylene            | 9.769  | 152  | 453926   | 41.16 | ng    | 96       |
| 50) Dimethylphthalate         | 9.633  | 163  | 379043   | 41.49 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 80091    | 38.23 | ng    | 99       |
| 52) Acenaphthene              | 9.945  | 154  | 294935   | 40.94 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 40579    | 20.70 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.974  | 184  | 93146    | 86.66 | ng    | # 86     |
| 55) Dibenzofuran              | 10.116 | 168  | 455986   | 40.44 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 120049   | 85.68 | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 114319   | 41.38 | ng    | 97       |
| 58) Fluorene                  | 10.457 | 166  | 356830   | 41.23 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.233 | 232  | 87494    | 39.41 | ng    | # 96     |
| 60) Diethylphthalate          | 10.333 | 149  | 382905   | 41.53 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 186682   | 42.19 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 77703    | 39.42 | ng    | # 85     |
| 63) Azobenzene                | 10.610 | 77   | 379914   | 39.53 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 61522    | 36.81 | ng    | # 70     |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 309891   | 39.22 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 113390   | 39.73 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.010 | 284  | 129867   | 40.17 | ng    | # 90     |
| 69) Atrazine                  | 11.098 | 200  | 108115   | 48.34 | ng    | 96       |
| 70) Pentachlorophenol         | 11.204 | 266  | 130539   | 76.82 | ng    | 99       |
| 71) Phenanthrene              | 11.421 | 178  | 510836   | 39.32 | ng    | 99       |
| 72) Anthracene                | 11.474 | 178  | 539585   | 41.24 | ng    | 98       |
| 73) Carbazole                 | 11.627 | 167  | 430019   | 37.72 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 614173   | 41.92 | ng    | 98       |
| 75) Fluoranthene              | 12.610 | 202  | 541452   | 39.71 | ng    | 97       |
| 77) Benzidine                 | 12.727 | 184  | 171010   | 53.45 | ng    | # 94     |
| 78) Pyrene                    | 12.839 | 202  | 533945   | 40.89 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.451 | 149  | 223515   | 42.19 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.027 | 228  | 384301   | 38.79 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 75972    | 26.14 | ng    | 97       |
| 83) Chrysene                  | 14.062 | 228  | 370917   | 38.81 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.010 | 149  | 282773   | 44.87 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 14.627 | 149  | 373806   | 44.45 | ng    | # 92     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.009 | 276  | 327946   | 40.39 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.080 | 252  | 327702   | 42.44 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 15.115 | 252  | 284930   | 38.98 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.451 | 252  | 289601   | 43.18 | ng    | 94       |
| 91) Dibenzo(a,h)anthracene    | 17.021 | 278  | 275559   | 39.81 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 17.462 | 276  | 274857   | 40.12 | ng    | 98       |

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





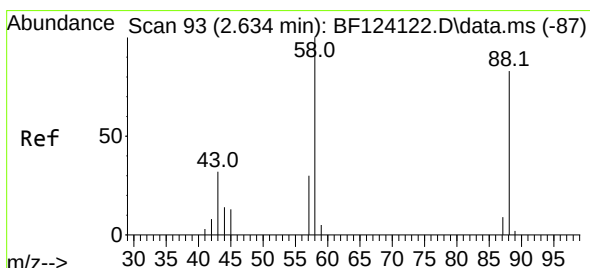
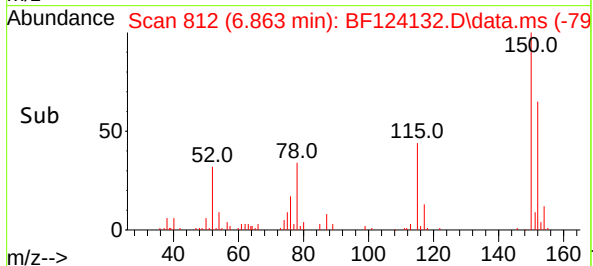
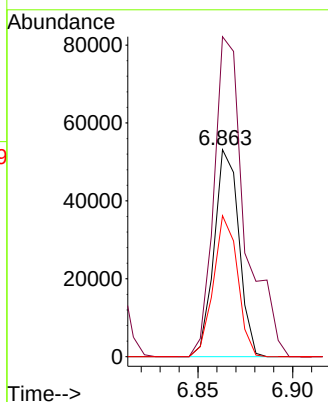
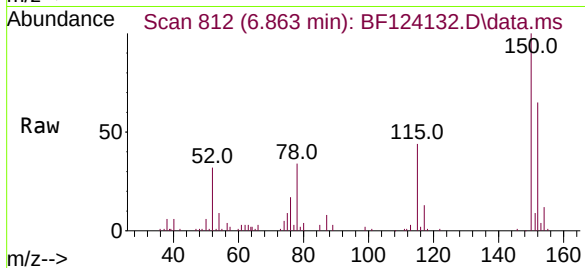
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.863 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion: 152 Resp: 48412  
Ion Ratio Lower Upper  
152 100  
150 154.6 127.0 190.6  
115 68.1 54.3 81.5

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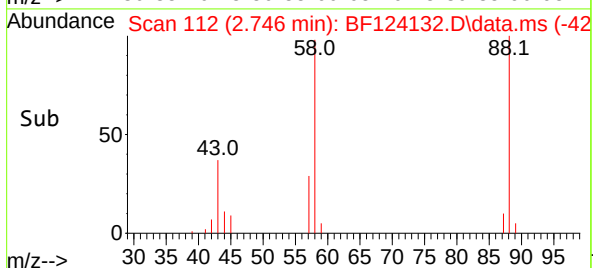
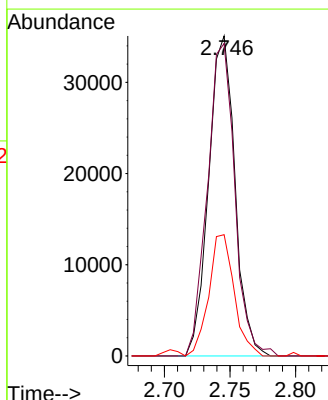
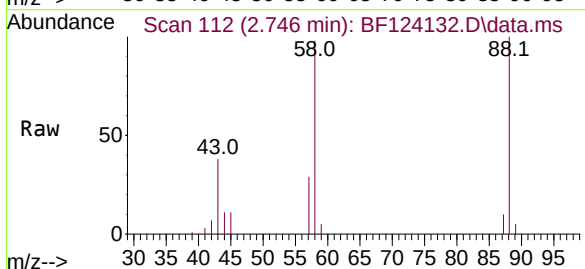
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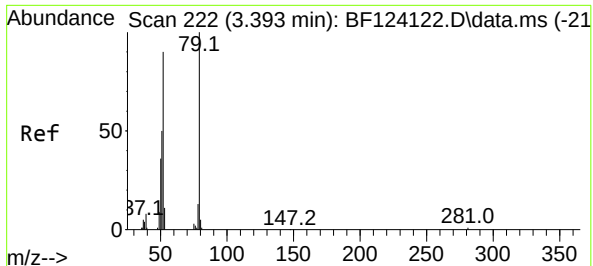
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#2  
1,4-Dioxane  
Concen: 34.72 ng  
RT: 2.746 min Scan# 112  
Delta R.T. 0.112 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion: 88 Resp: 48860  
Ion Ratio Lower Upper  
88 100  
58 101.5 83.8 125.8  
43 36.6 32.2 48.4





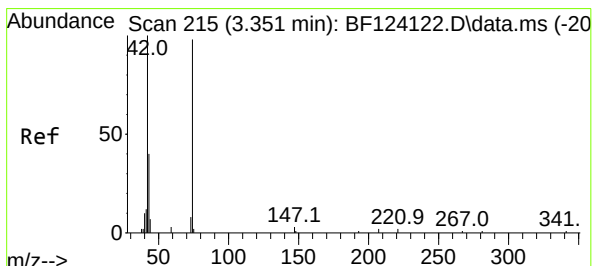
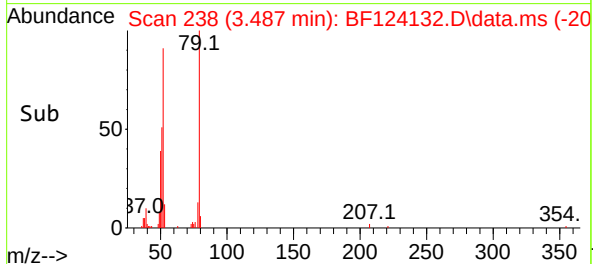
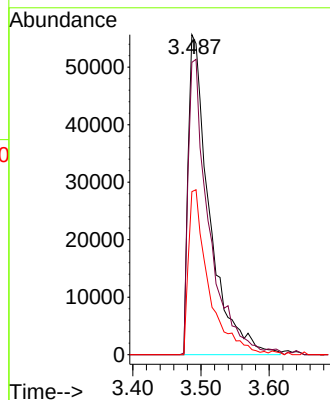
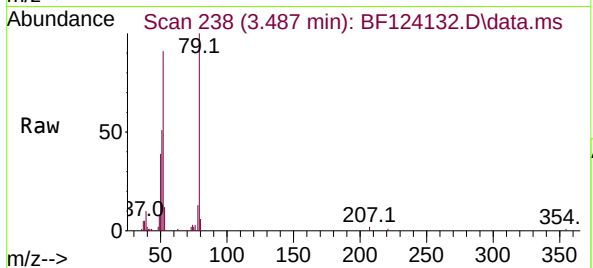
#3  
Pyridine  
Concen: 33.31 ng  
RT: 3.487 min Scan# 238  
Delta R.T. 0.094 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion: 79 Resp: 120054  
Ion Ratio Lower Upper  
79 100  
52 91.3 87.4 131.0  
51 51.0 41.4 62.0

Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

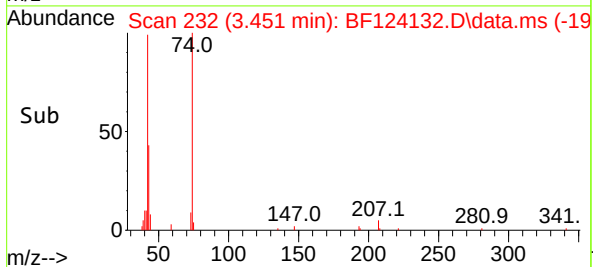
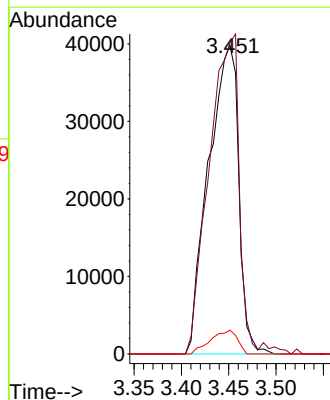
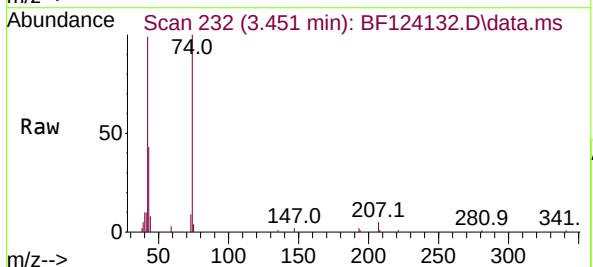
Manual Integrations  
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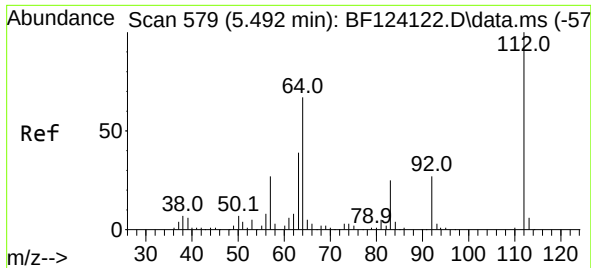
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#4  
n-Nitrosodimethylamine  
Concen: 41.15 ng  
RT: 3.451 min Scan# 232  
Delta R.T. 0.100 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion: 42 Resp: 88142  
Ion Ratio Lower Upper  
42 100  
74 100.8 83.5 125.3  
44 7.7 5.7 8.5





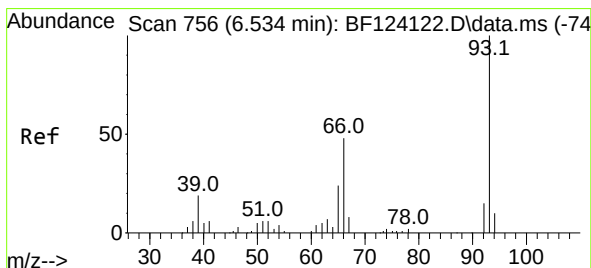
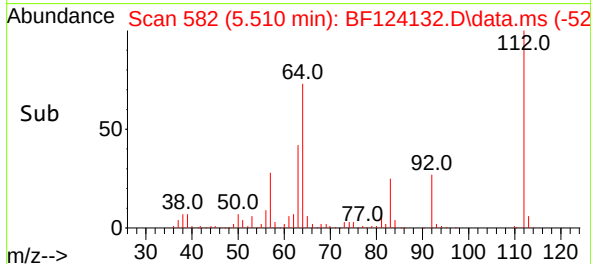
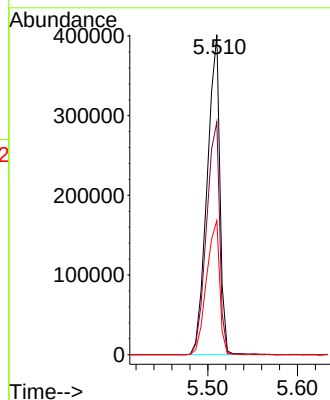
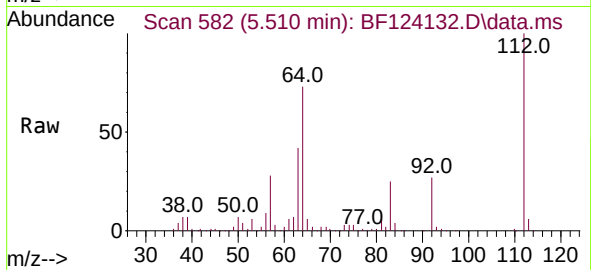
#5  
2-Fluorophenol  
Concen: 122.97 ng  
RT: 5.510 min Scan# 582  
Delta R.T. 0.018 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

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Tgt Ion:112 Resp: 395487  
Ion Ratio Lower Upper  
112 100  
64 72.7 61.4 92.0  
63 41.9 33.0 49.4

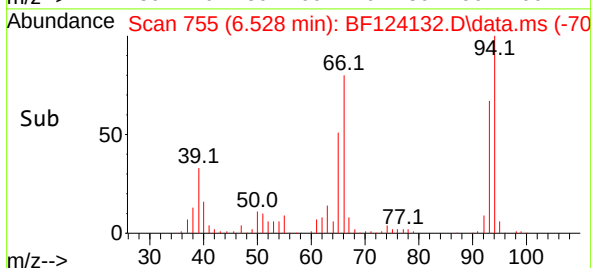
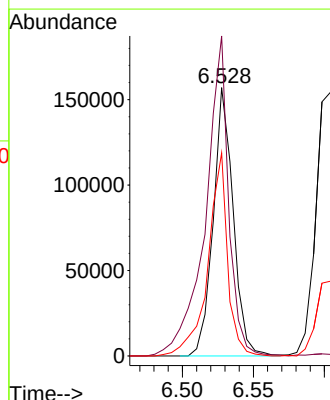
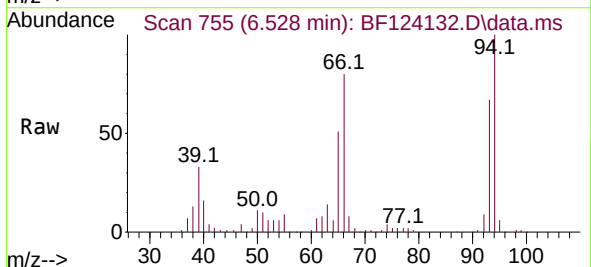
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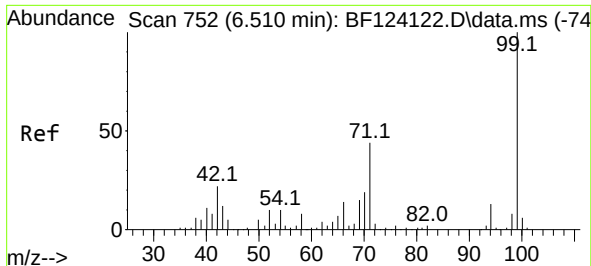
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#6  
Aniline  
Concen: 31.08 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion: 93 Resp: 153443  
Ion Ratio Lower Upper  
93 100  
66 119.3 36.4 54.6#  
65 75.7 19.4 29.0#





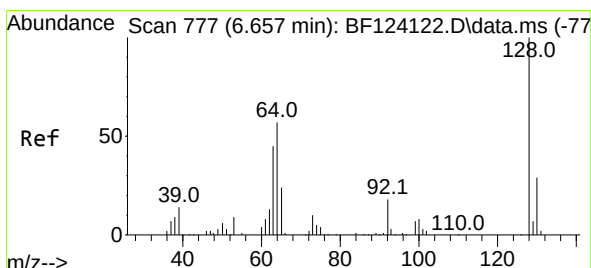
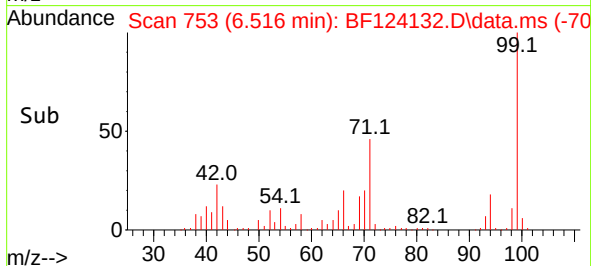
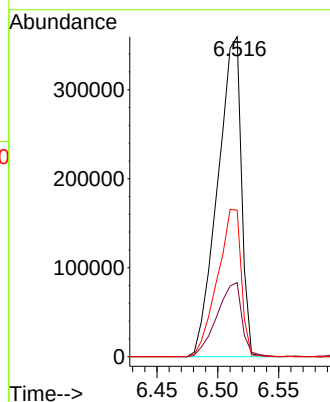
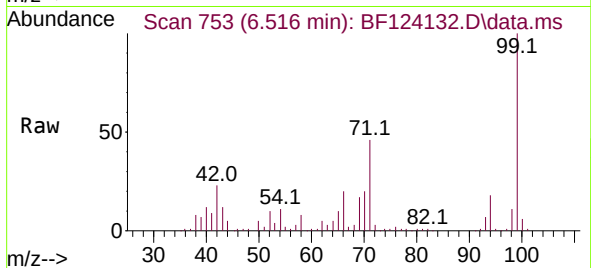
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Phenol-d6  
Concen: 112.66 ng  
RT: 6.516 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion: 99 Resp: 487005  
Ion Ratio Lower Upper  
99 100  
42 23.2 19.8 29.8  
71 45.8 31.1 46.7

Instrument :  
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ClientSampled :  
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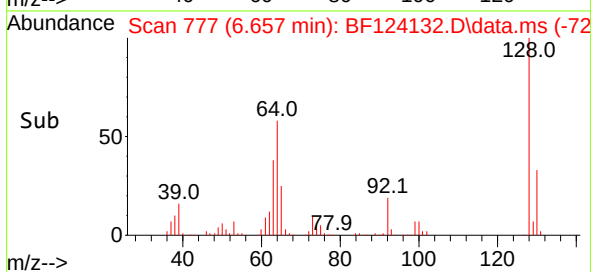
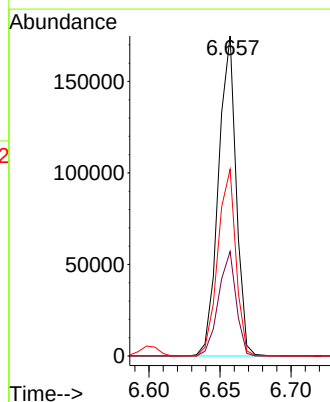
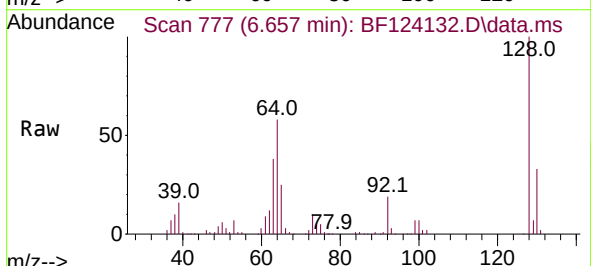
Manual Integrations  
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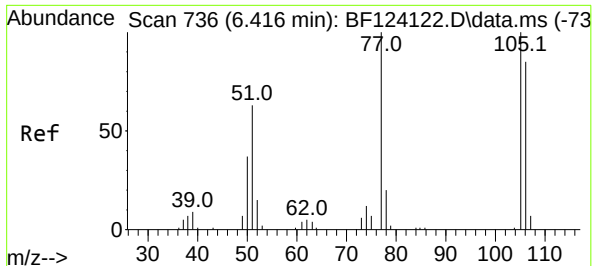
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#8  
2-Chlorophenol  
Concen: 42.28 ng  
RT: 6.657 min Scan# 777  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

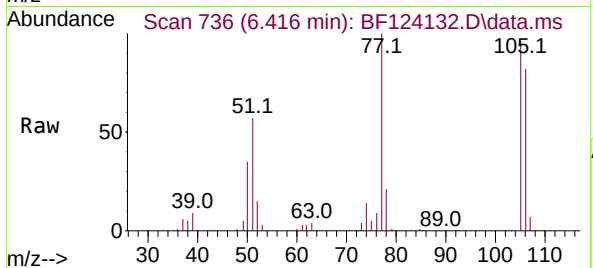
Tgt Ion: 128 Resp: 151299  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.6 52.6  
64 58.4 41.5 81.5





#9  
Benzaldehyde  
Concen: 36.46 ng  
RT: 6.416 min Scan# 736  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

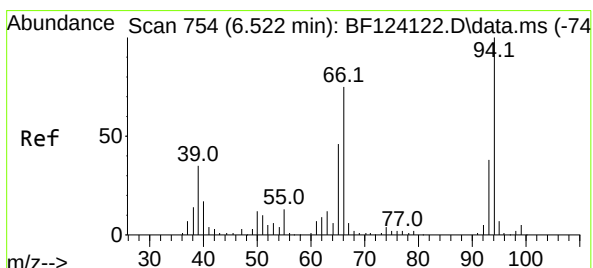
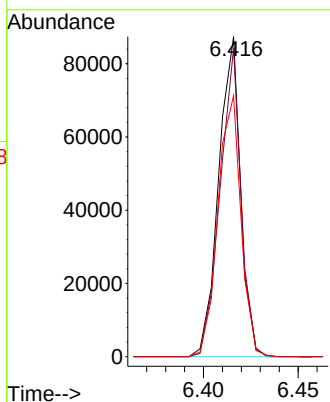
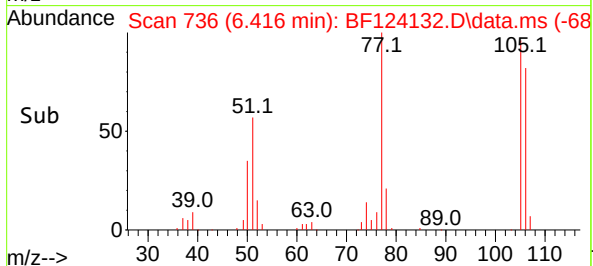
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS



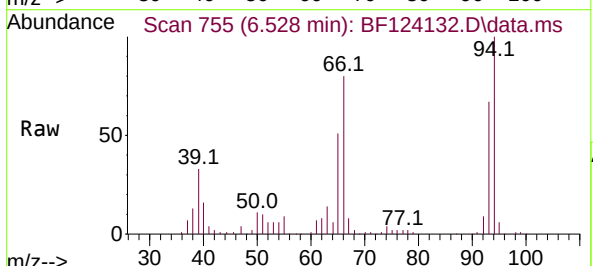
Tgt Ion: 77 Resp: 70059  
Ion Ratio Lower Upper  
77 100  
105 96.4 75.2 115.2  
106 81.6 71.6 111.6

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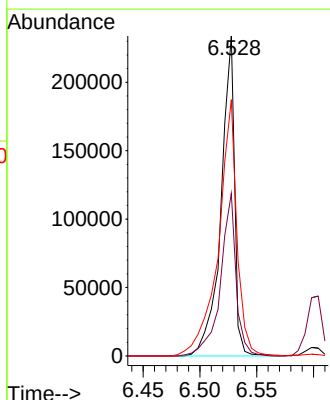
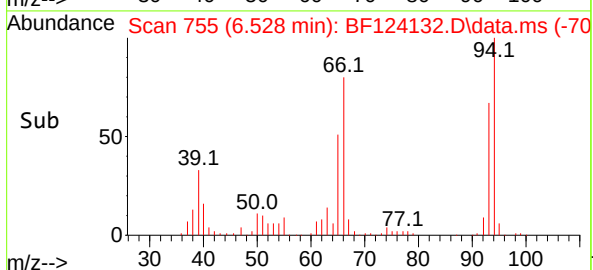
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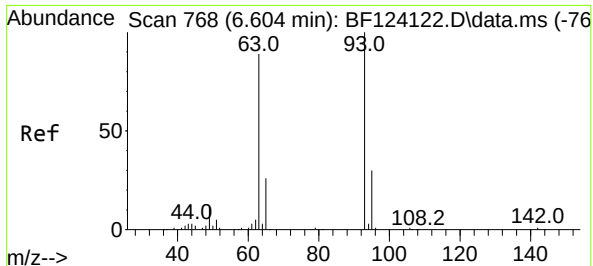
#10  
Phenol  
Concen: 41.89 ng  
RT: 6.528 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



Tgt Ion: 94 Resp: 195683  
Ion Ratio Lower Upper  
94 100  
65 50.8 18.1 58.1  
66 80.1 29.0 69.0#

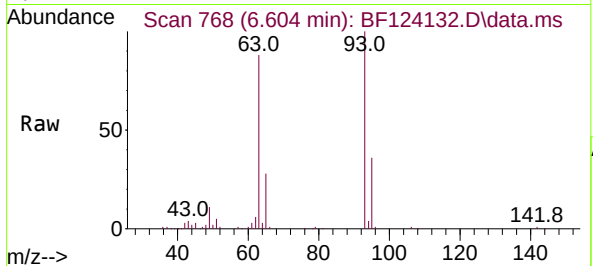






#11  
bis(2-Chloroethyl)ether  
Concen: 43.75 ng  
RT: 6.604 min Scan# 768  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

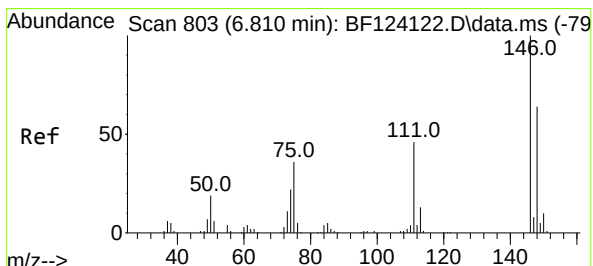
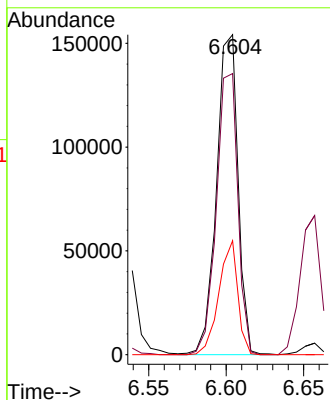
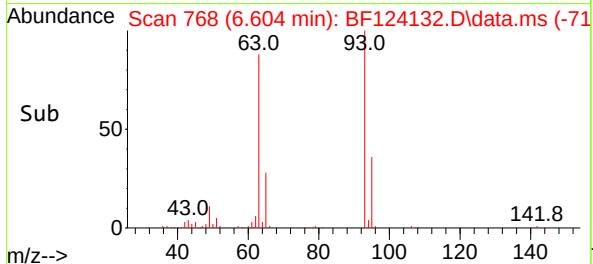
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS



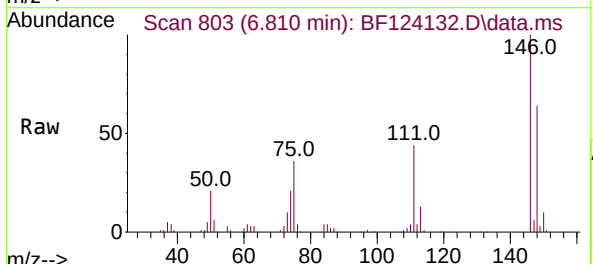
Tgt Ion: 93 Resp: 149004  
Ion Ratio Lower Upper  
93 100  
63 87.8 76.1 116.1  
95 35.6 11.5 51.5

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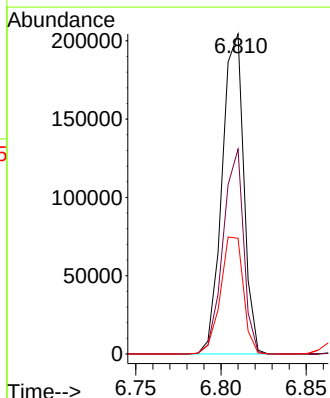
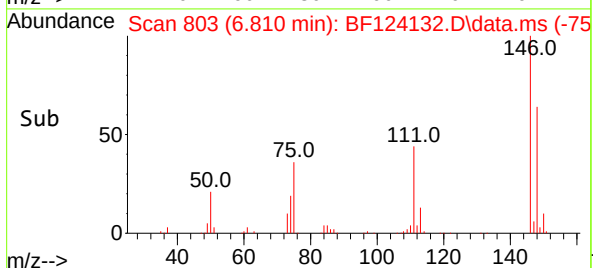
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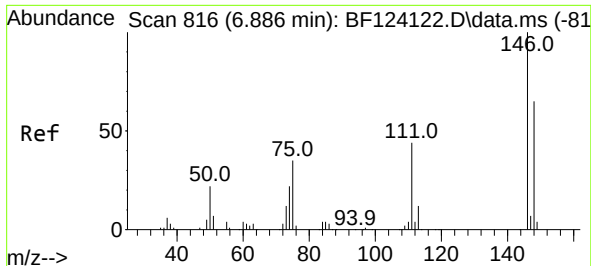


#12  
1,3-Dichlorobenzene  
Concen: 43.34 ng  
RT: 6.810 min Scan# 803  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



Tgt Ion: 146 Resp: 181295  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.9 76.3  
75 36.1 34.2 51.4





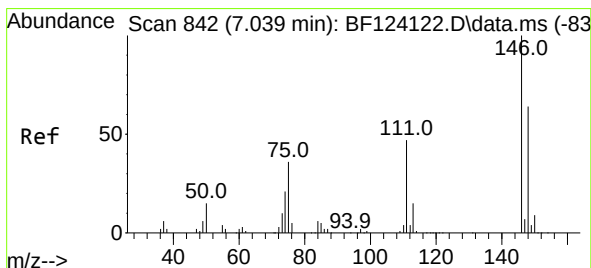
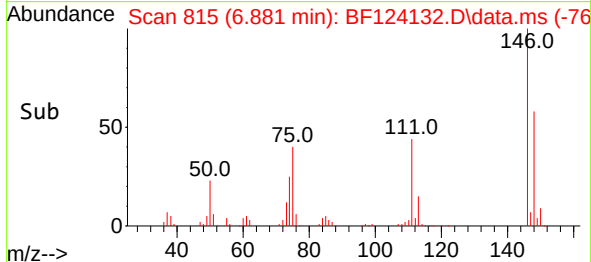
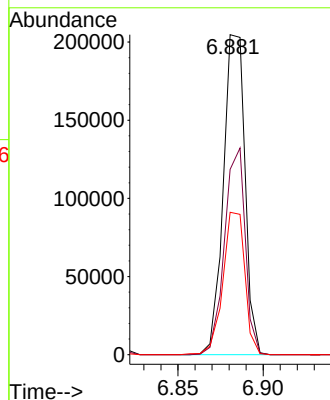
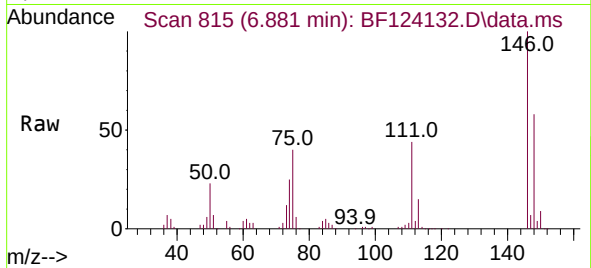
#13  
1,4-Dichlorobenzene  
Concen: 43.24 ng  
RT: 6.881 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:146 Resp: 181458  
Ion Ratio Lower Upper  
146 100  
148 57.9 49.9 74.9  
111 44.5 39.5 59.3

Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

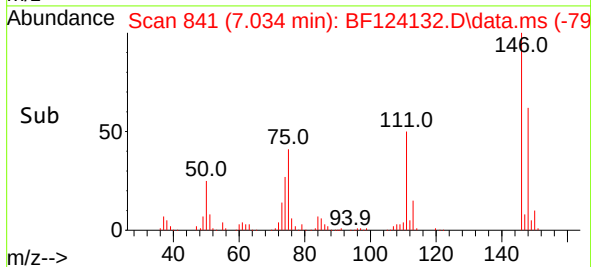
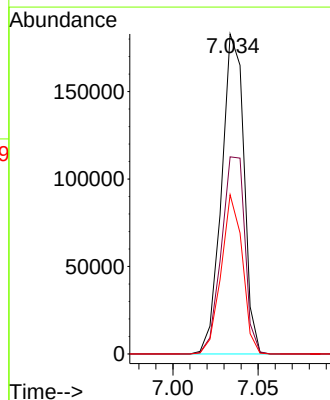
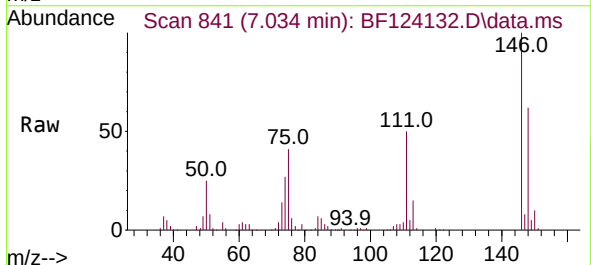
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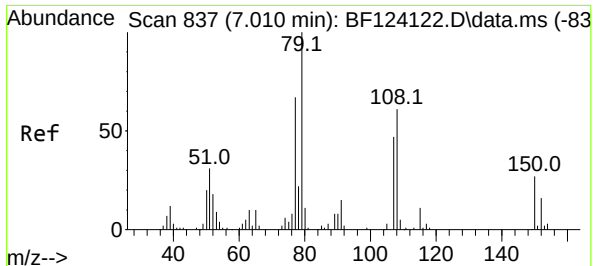
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#14  
1,2-Dichlorobenzene  
Concen: 41.56 ng  
RT: 7.034 min Scan# 841  
Delta R.T. -0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

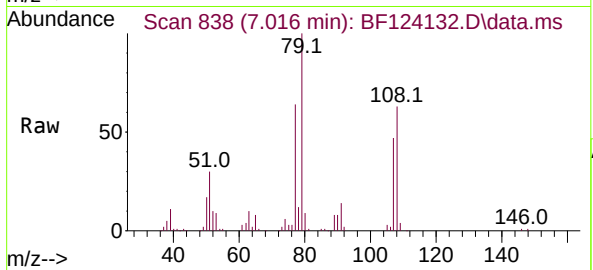
Tgt Ion:146 Resp: 166824  
Ion Ratio Lower Upper  
146 100  
148 61.6 51.6 77.4  
111 49.8 38.4 57.6





#15  
Benzyl Alcohol  
Concen: 40.01 ng  
RT: 7.016 min Scan# 838  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

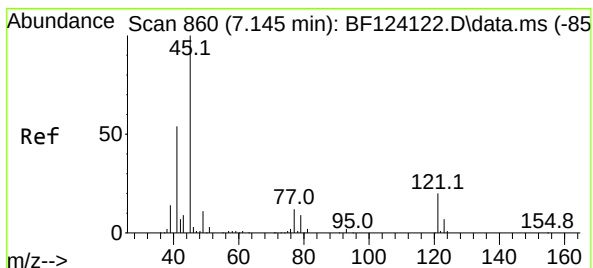
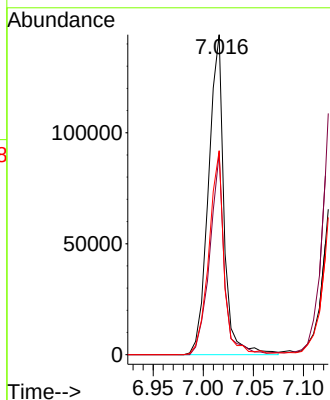
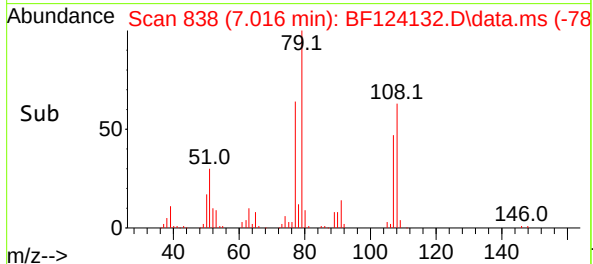
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS



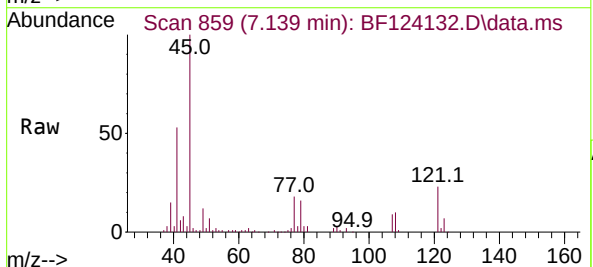
Tgt Ion: 79 Resp: 155935  
Ion Ratio Lower Upper  
79 100  
108 62.9 55.8 83.8  
77 63.8 49.9 74.9

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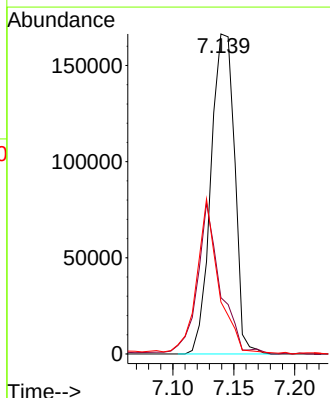
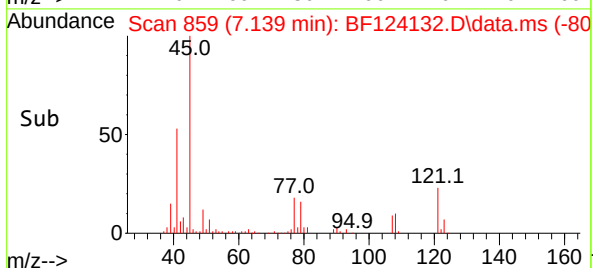
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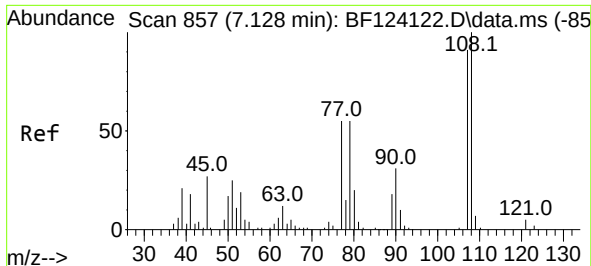


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.34 ng  
RT: 7.139 min Scan# 859  
Delta R.T. -0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



Tgt Ion: 45 Resp: 224932  
Ion Ratio Lower Upper  
45 100  
77 17.6 0.0 30.0  
79 16.3 0.0 27.3





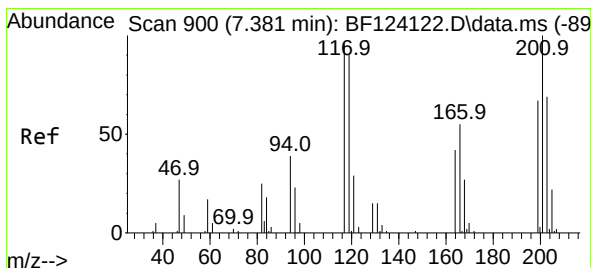
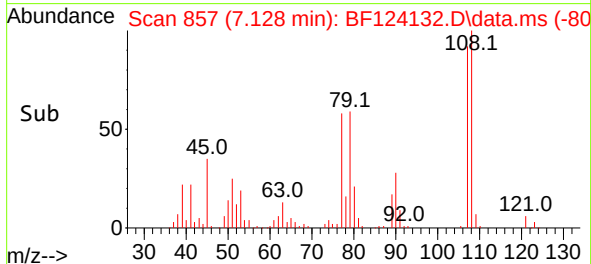
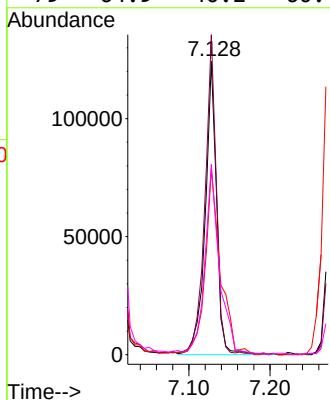
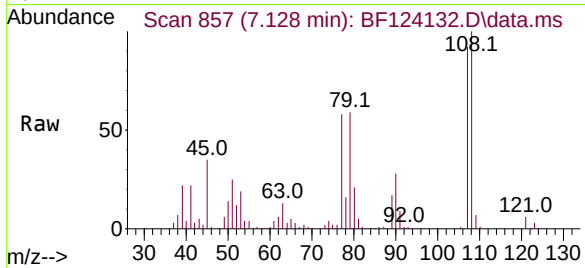
#17  
2-Methylphenol  
Concen: 41.83 ng  
RT: 7.128 min Scan# 857  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 109.1 | 89.8  | 134.8 |
| 77      | 63.2  | 40.9  | 61.3# |
| 79      | 64.9  | 40.2  | 60.4# |

Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

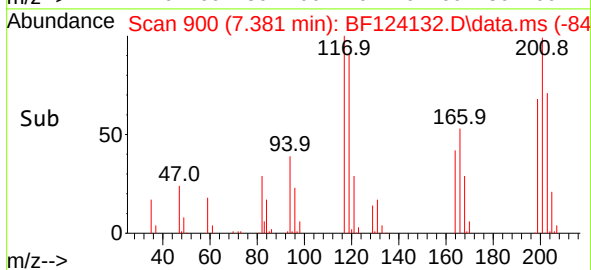
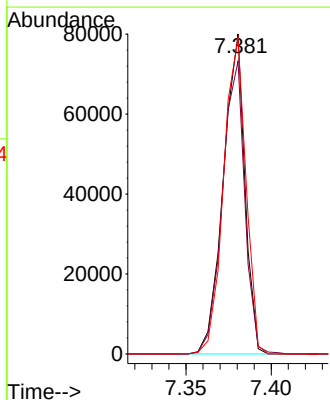
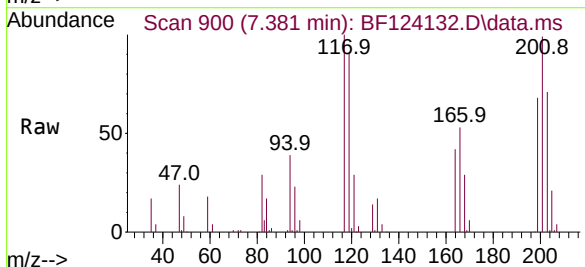
Manual Integrations  
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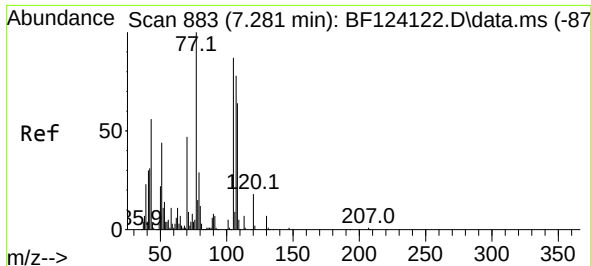
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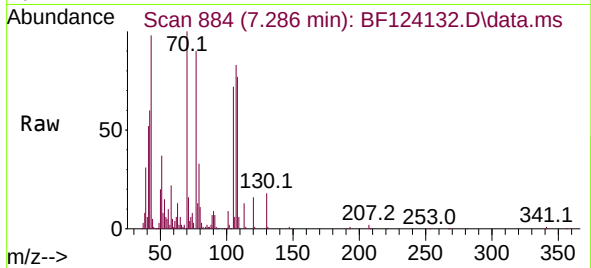
#18  
Hexachloroethane  
Concen: 42.54 ng  
RT: 7.381 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 91.5  | 77.8  | 116.8 |
| 201     | 98.8  | 67.8  | 101.8 |

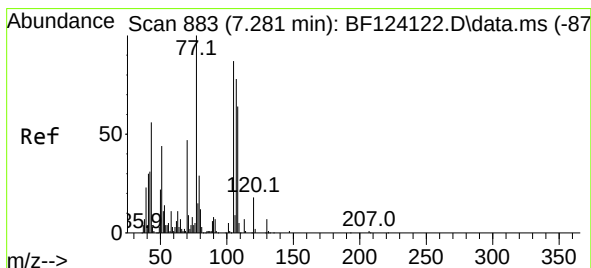
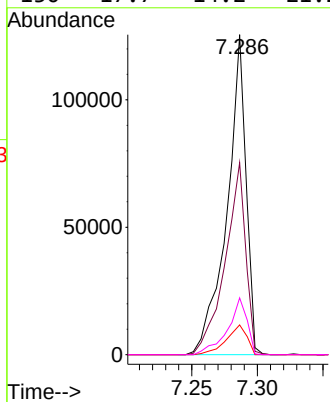
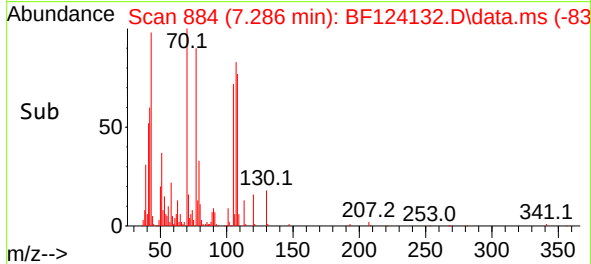




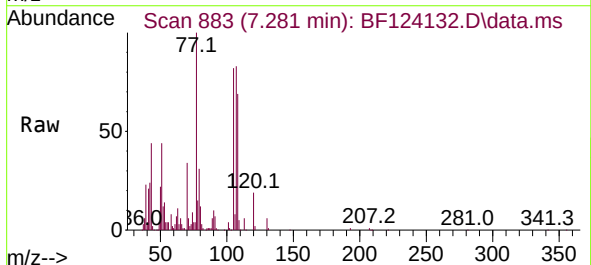
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.62 ng  
RT: 7.286 min Scan# 884  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



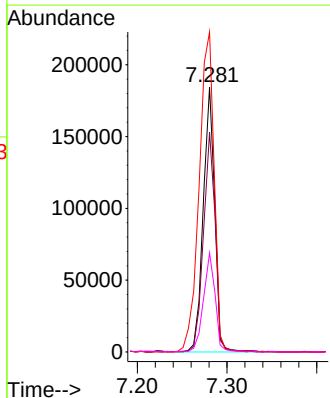
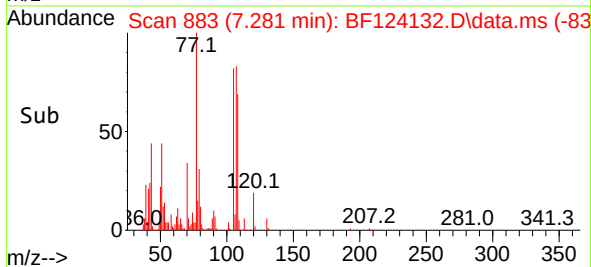
Tgt Ion: 70 Resp: 127006  
Ion Ratio Lower Upper  
70 100  
42 60.0 60.1 90.1#  
101 9.3 7.4 11.2  
130 17.7 14.2 21.2



#20  
3+4-Methylphenols  
Concen: 42.63 ng  
RT: 7.281 min Scan# 883  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



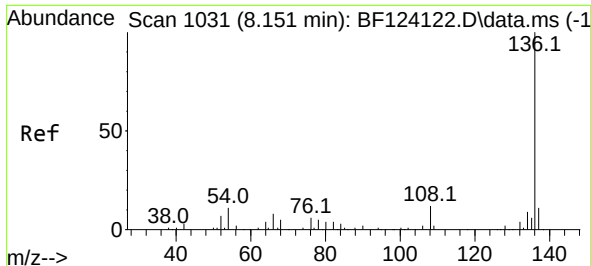
Tgt Ion: 107 Resp: 164302  
Ion Ratio Lower Upper  
107 100  
108 83.0 71.5 111.5  
77 120.9 82.0 122.0  
79 37.4 14.1 54.1



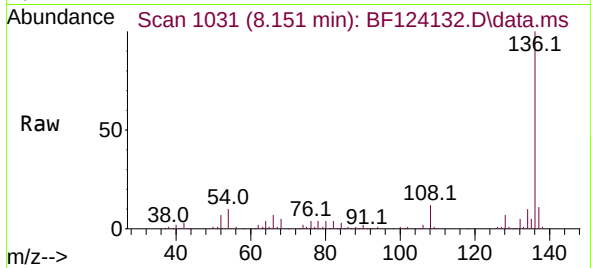
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

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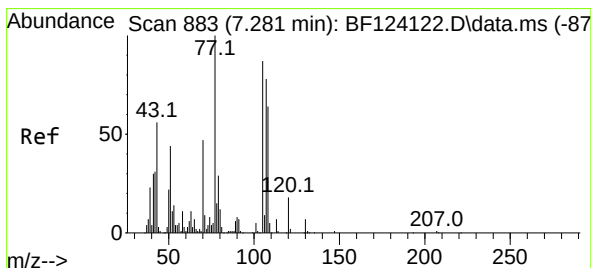
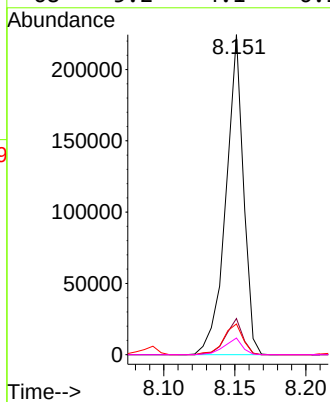
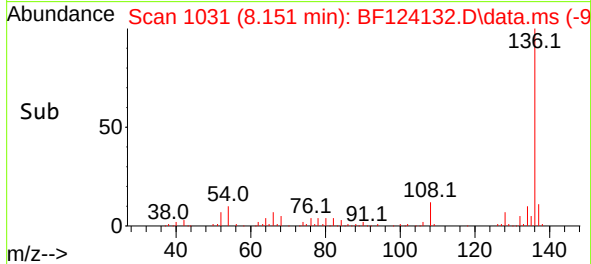
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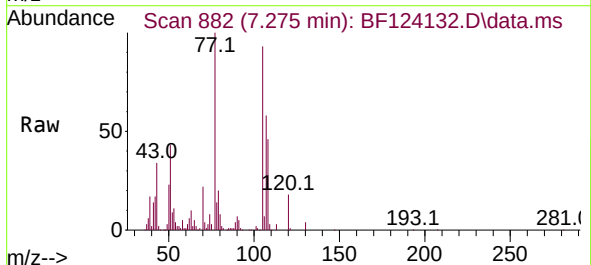
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



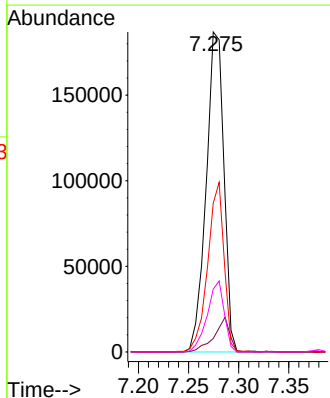
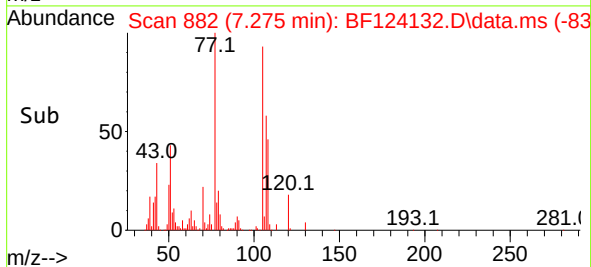
Tgt Ion:136 Resp: 191717  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.7 13.1  
54 9.6 9.8 14.6#  
68 5.2 4.1 6.1



#22  
Acetophenone  
Concen: 42.29 ng  
RT: 7.275 min Scan# 882  
Delta R.T. -0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



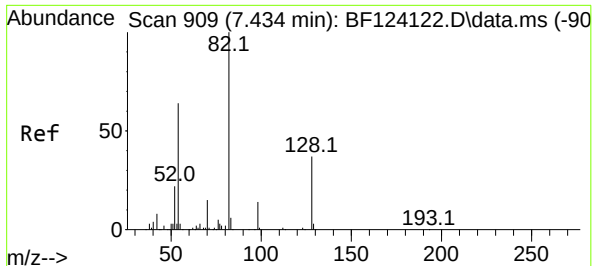
Tgt Ion:105 Resp: 231126  
Ion Ratio Lower Upper  
105 100  
71 4.2 4.2 6.4#  
51 46.5 33.6 50.4  
120 19.7 16.3 24.5



Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

Manual Integrations  
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#23

Nitrobenzene-d5

Concen: 76.41 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF124132.D

Acq: 4 Jun 2021 10:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 369371 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 37.3  | 29.4  | 44.2   |
| 54       | 63.3  | 54.1  | 81.1   |

Instrument :

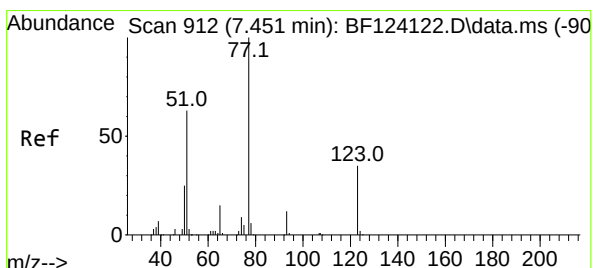
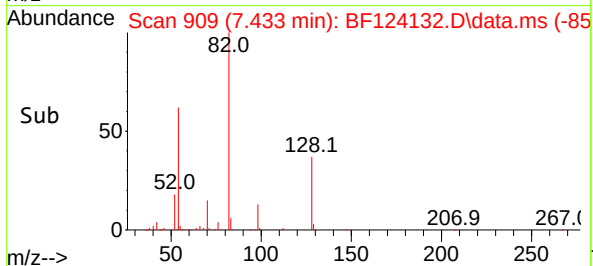
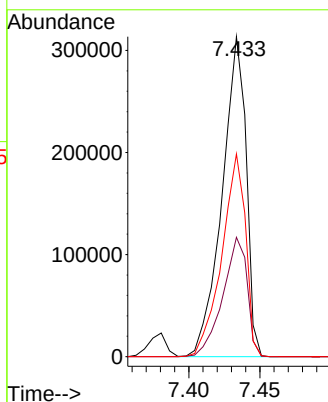
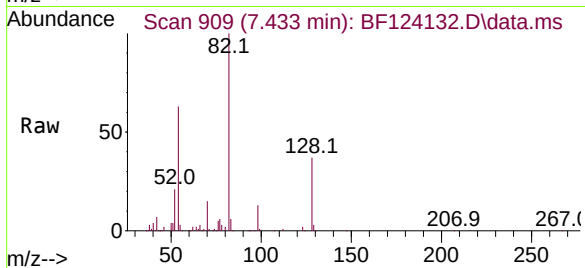
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ClientSampleId :

PB136793BS

Manual Integrations  
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#24

Nitrobenzene

Concen: 38.03 ng

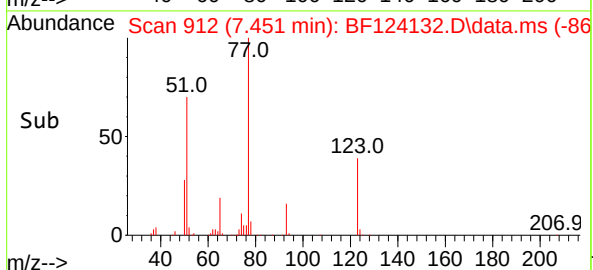
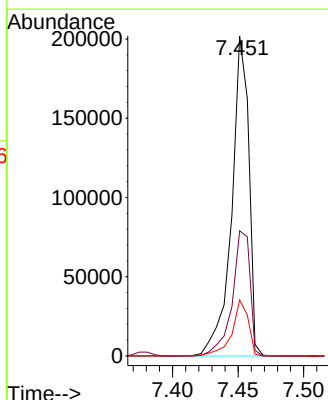
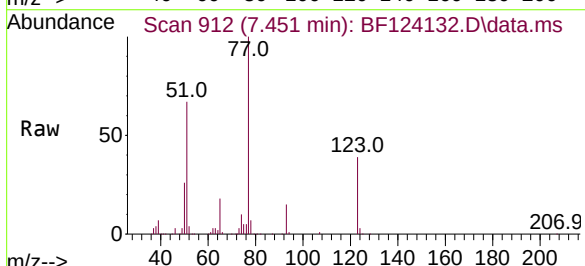
RT: 7.451 min Scan# 912

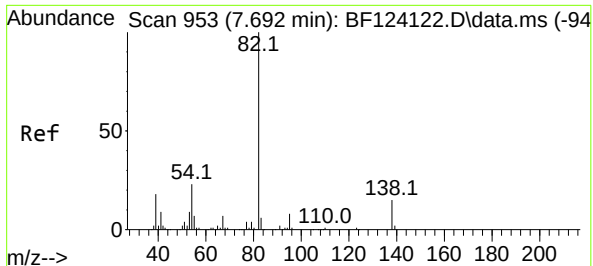
Delta R.T. -0.000 min

Lab File: BF124132.D

Acq: 4 Jun 2021 10:53

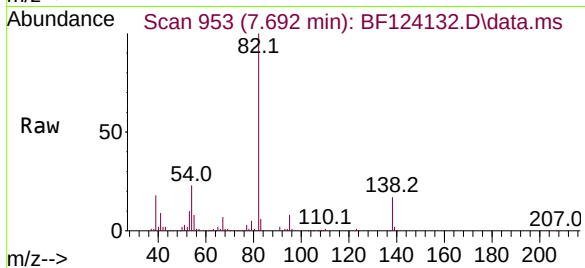
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 184433 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 39.1  | 34.5  | 51.7   |
| 65       | 17.5  | 12.2  | 18.2   |





#25  
Isophorone  
Concen: 36.70 ng  
RT: 7.692 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

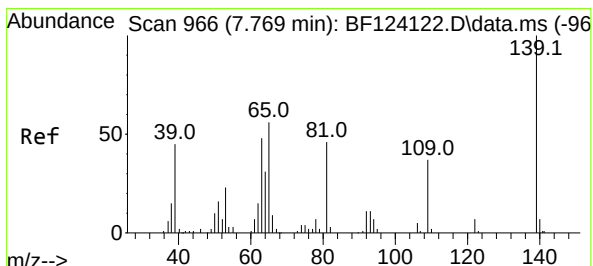
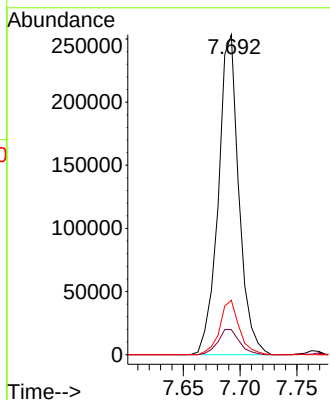
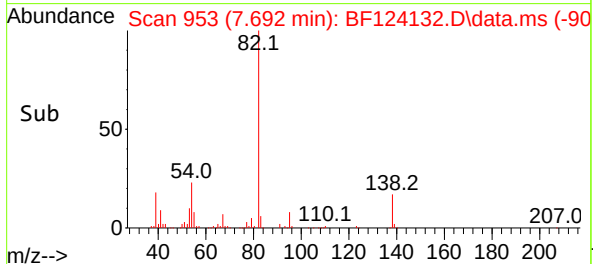
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS



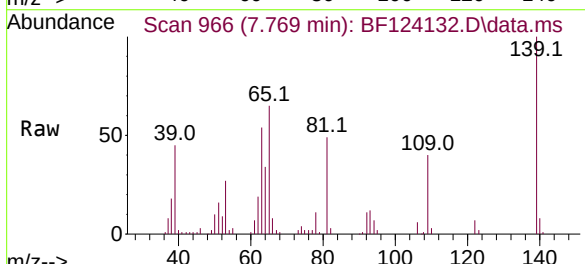
Tgt Ion: 82 Resp: 319703  
Ion Ratio Lower Upper  
82 100  
95 7.9 5.8 8.6  
138 17.0 11.8 17.8

Manual Integrations  
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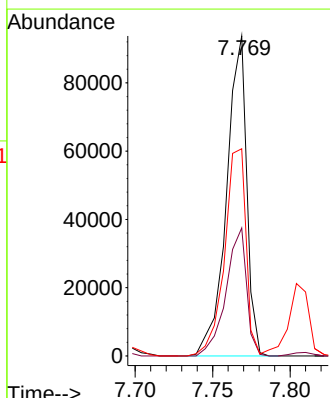
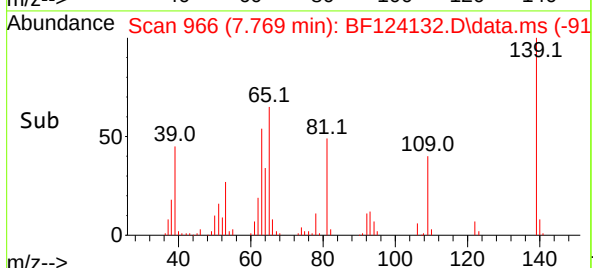
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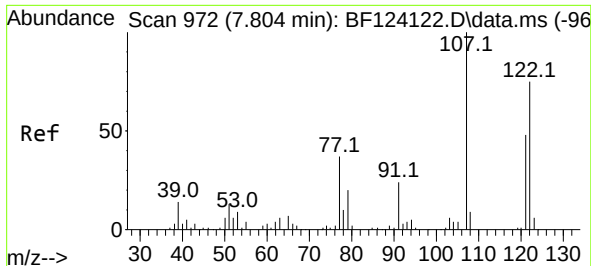
#26  
2-Nitrophenol  
Concen: 39.23 ng  
RT: 7.769 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



Tgt Ion: 139 Resp: 84981  
Ion Ratio Lower Upper  
139 100  
109 40.0 28.6 43.0  
65 64.8 56.8 85.2







#27

2,4-Dimethylphenol

Concen: 43.91 ng

RT: 7.810 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF124132.D

Acq: 4 Jun 2021 10:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 134124 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 126.1 | 106.3 | 159.5  |
| 121      | 64.5  | 45.4  | 68.0   |

Instrument :

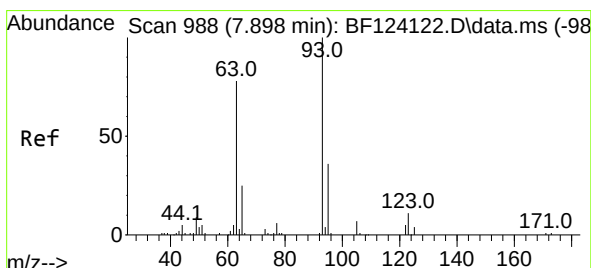
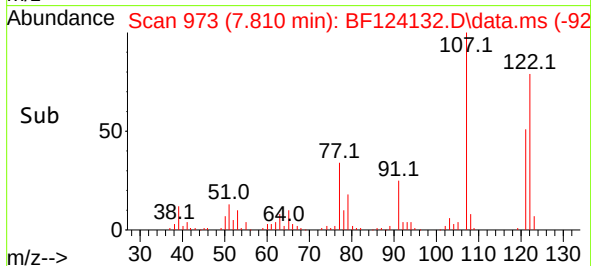
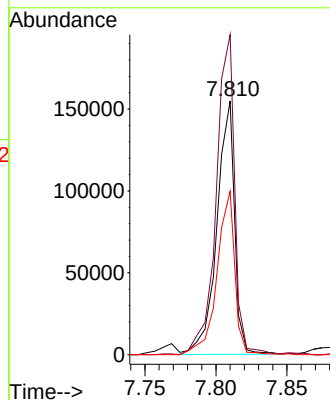
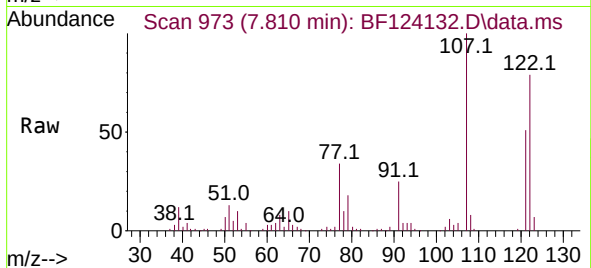
BNA\_F

ClientSampleId :

PB136793BS

Manual Integrations  
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#28

bis(2-Chloroethoxy)methane

Concen: 43.26 ng

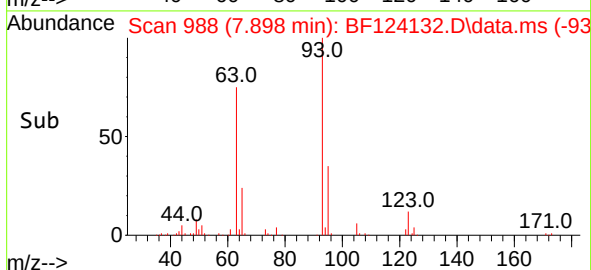
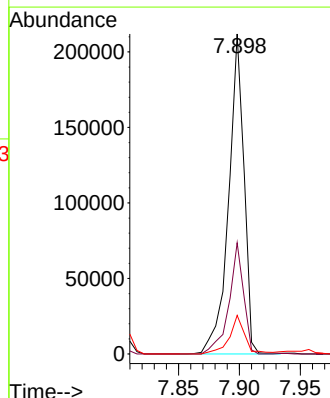
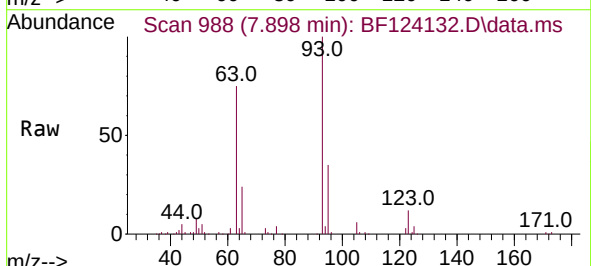
RT: 7.898 min Scan# 988

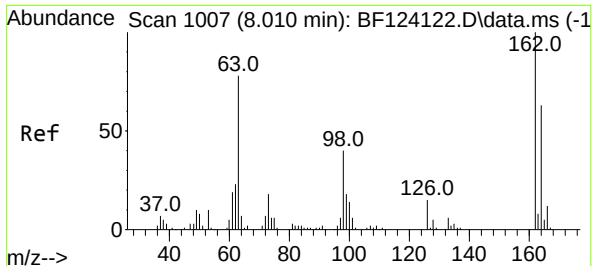
Delta R.T. -0.000 min

Lab File: BF124132.D

Acq: 4 Jun 2021 10:53

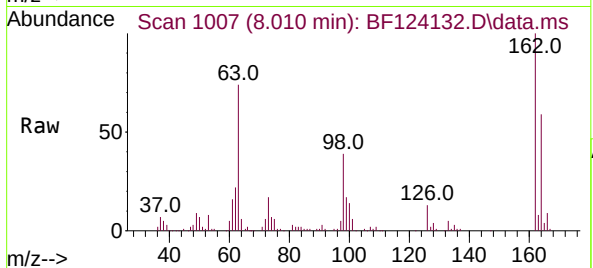
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 186812 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 34.7  | 26.5  | 39.7   |
| 123      | 12.1  | 8.4   | 12.6   |





#29  
2,4-Dichlorophenol  
Concen: 40.65 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

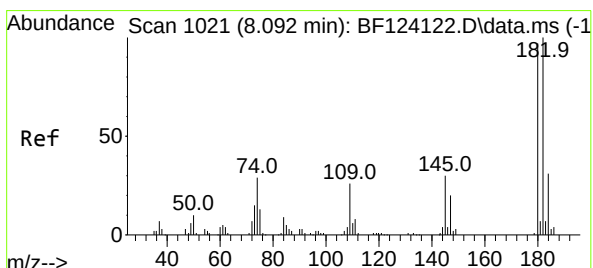
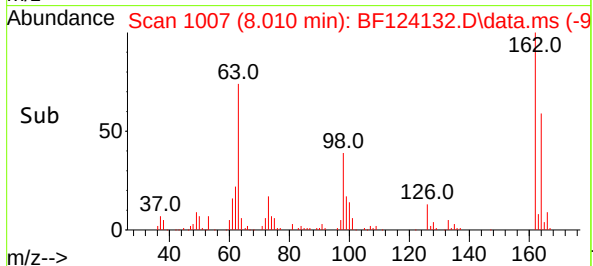
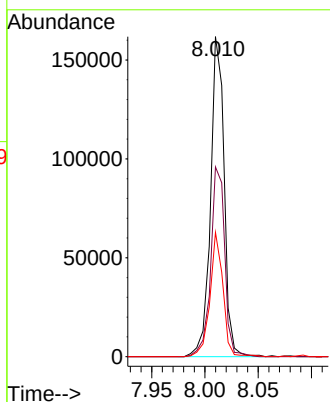
Instrument :  
BNA\_F  
ClientSampled :  
PB136793BS



Tgt Ion:162 Resp: 143690  
Ion Ratio Lower Upper  
162 100  
164 59.3 44.1 84.1  
98 38.9 27.3 67.3

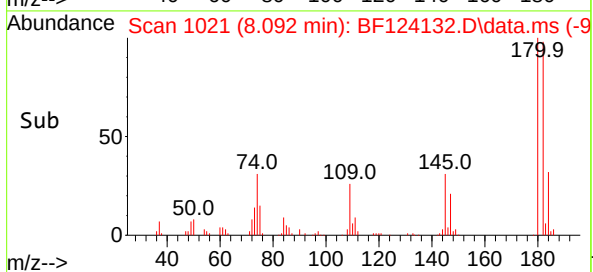
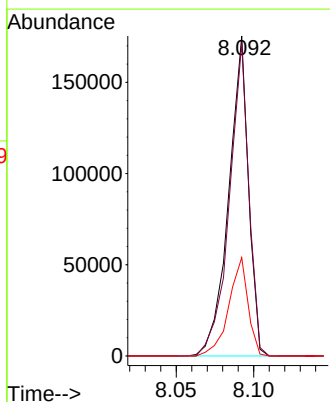
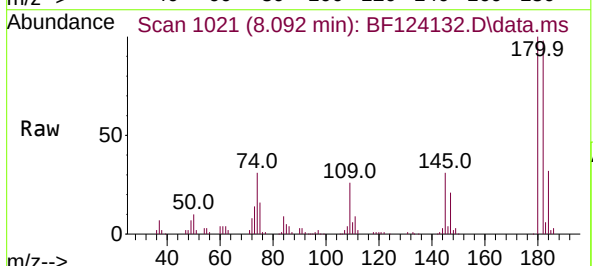
Manual Integrations  
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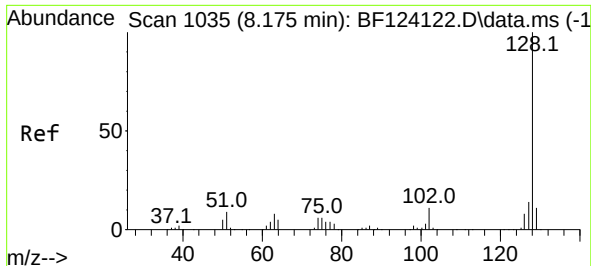
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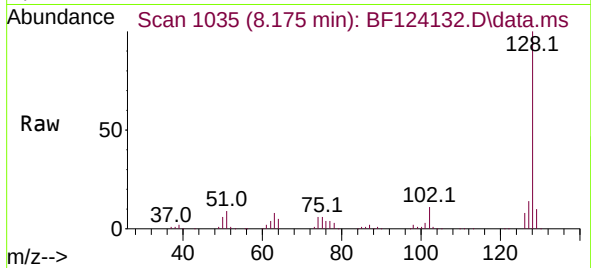
#30  
1,2,4-Trichlorobenzene  
Concen: 39.24 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:180 Resp: 155433  
Ion Ratio Lower Upper  
180 100  
182 97.8 77.2 115.8  
145 30.7 26.0 39.0

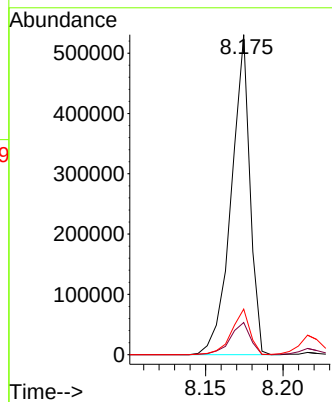
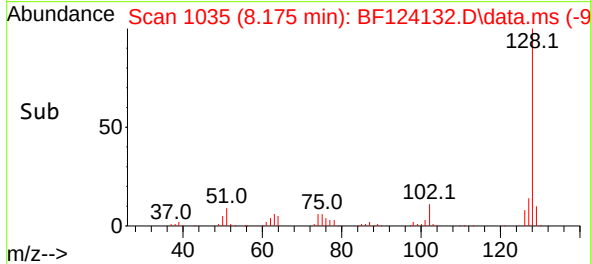




#31  
Naphthalene  
Concen: 38.72 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



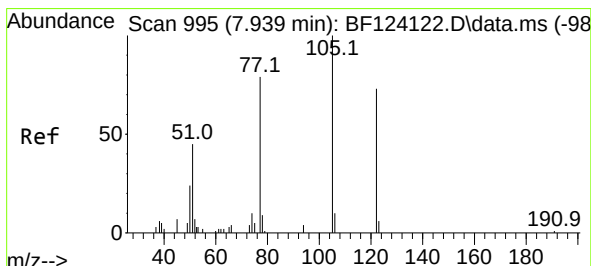
Tgt Ion:128 Resp: 443782  
Ion Ratio Lower Upper  
128 100  
129 10.0 8.9 13.3  
127 14.3 10.8 16.2



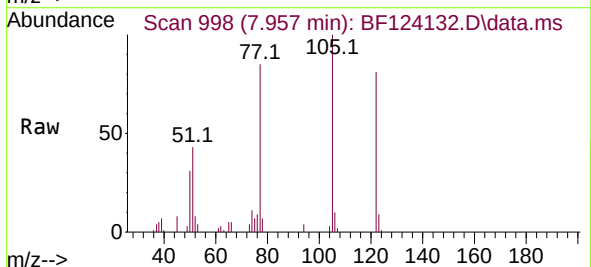
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

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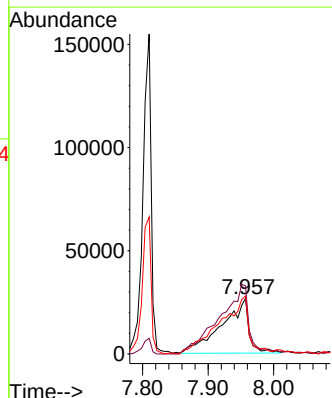
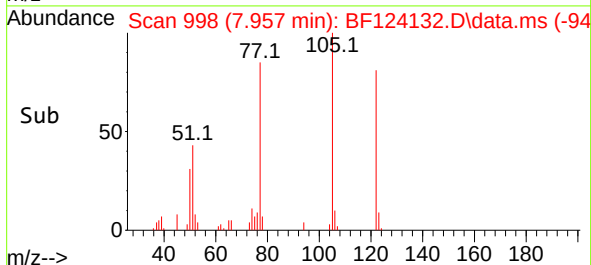
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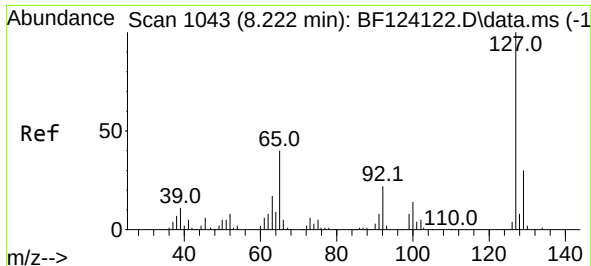


#32  
Benzoic acid  
Concen: 40.84 ng  
RT: 7.957 min Scan# 998  
Delta R.T. 0.018 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



Tgt Ion:122 Resp: 76546  
Ion Ratio Lower Upper  
122 100  
105 122.9 107.8 147.8  
77 104.5 81.6 121.6





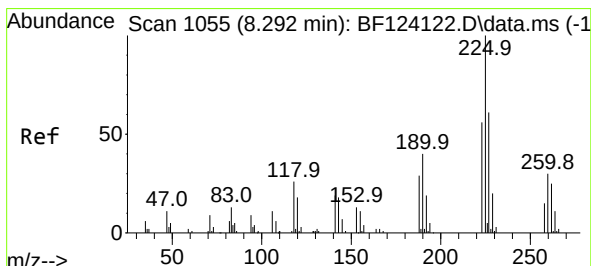
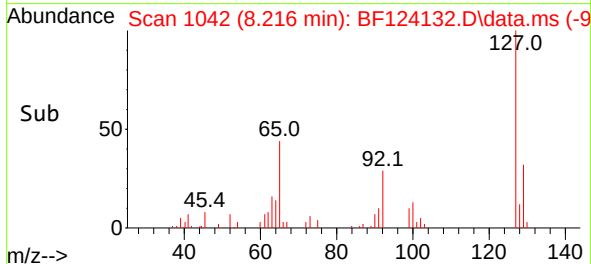
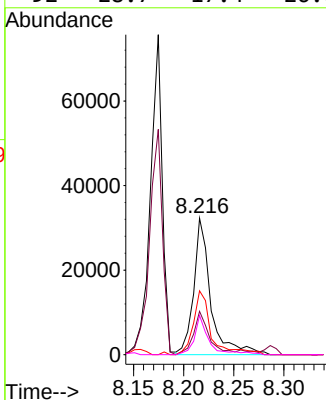
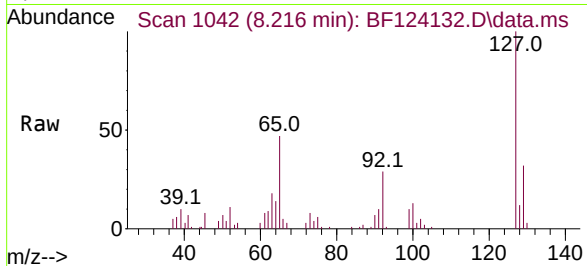
#33  
4-Chloroaniline  
Concen: 9.00 ng  
RT: 8.216 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 38378 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.7  | 25.7  | 38.5  |
| 65        | 46.8  | 34.5  | 51.7  |
| 92        | 28.7  | 17.4  | 26.0  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

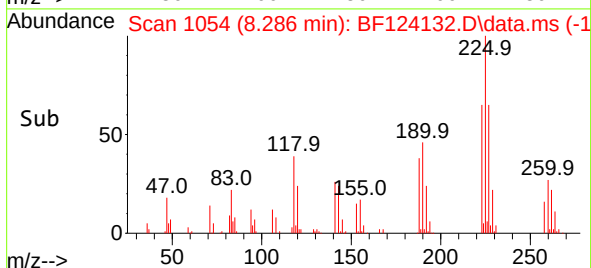
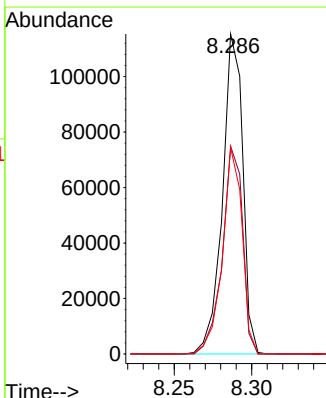
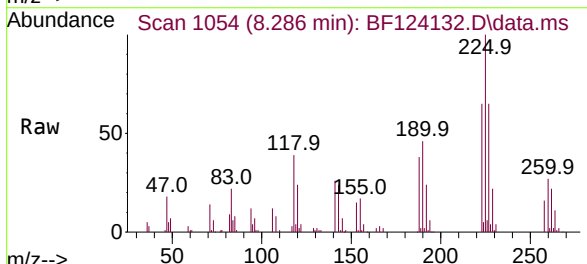
Manual Integrations  
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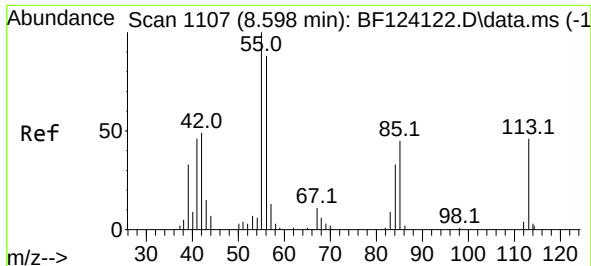
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#34  
Hexachlorobutadiene  
Concen: 37.47 ng  
RT: 8.286 min Scan# 1054  
Delta R.T. -0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 104846 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 65.0  | 50.4  | 75.6   |
| 227       | 64.5  | 51.4  | 77.0   |





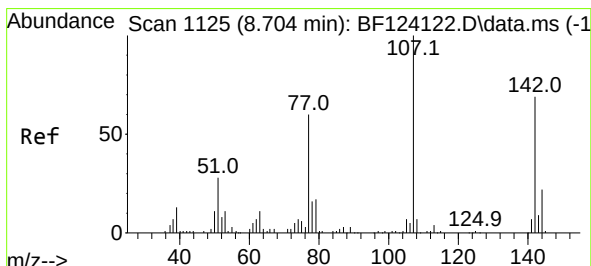
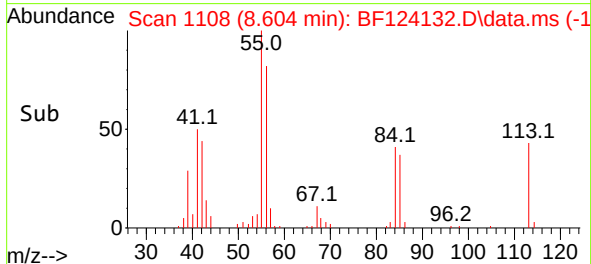
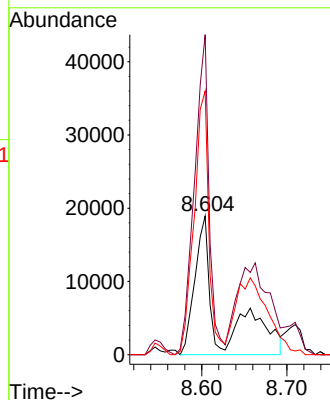
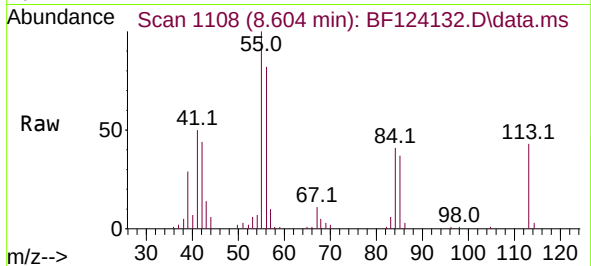
#35  
Caprolactam  
Concen: 39.35 ng m  
RT: 8.604 min Scan# 1108  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:113 Resp: 38209  
Ion Ratio Lower Upper  
113 100  
55 230.6 254.9 294.9#  
56 190.0 179.4 219.4

Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

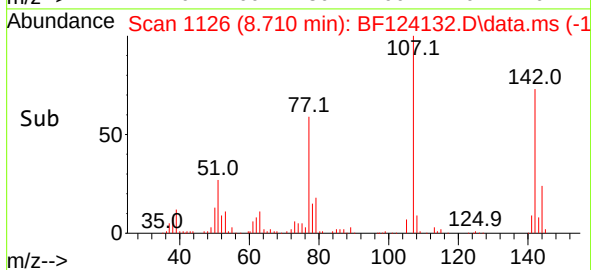
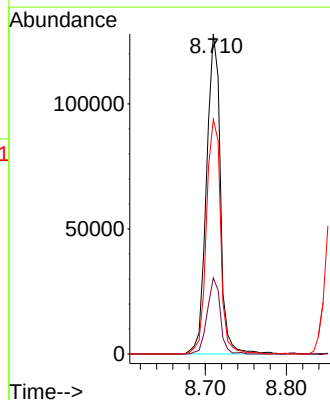
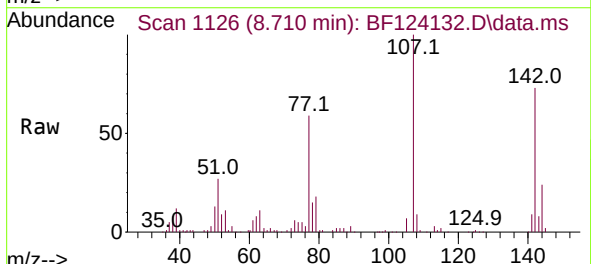
Manual Integrations  
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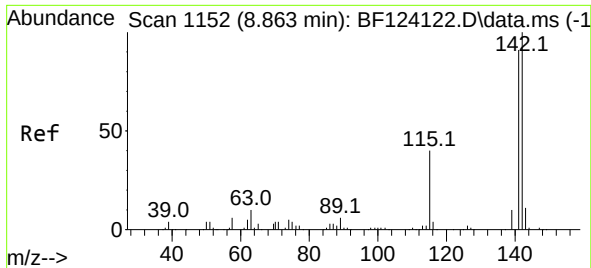
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#36  
4-Chloro-3-methylphenol  
Concen: 39.11 ng  
RT: 8.710 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:107 Resp: 151227  
Ion Ratio Lower Upper  
107 100  
144 23.7 16.3 24.5  
142 73.3 50.1 75.1





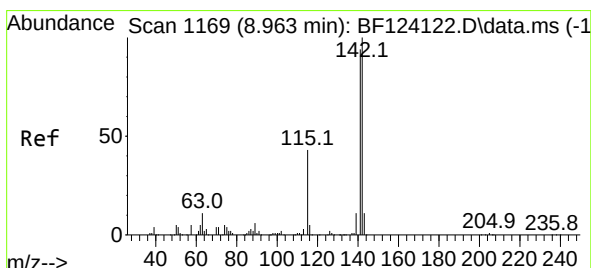
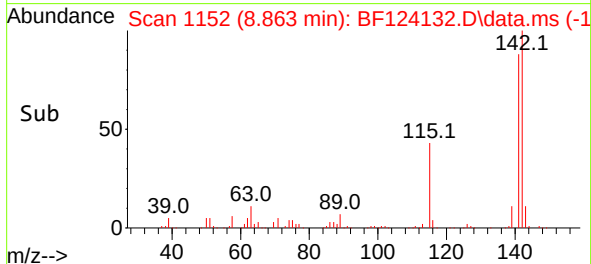
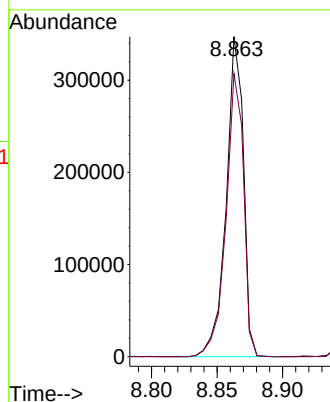
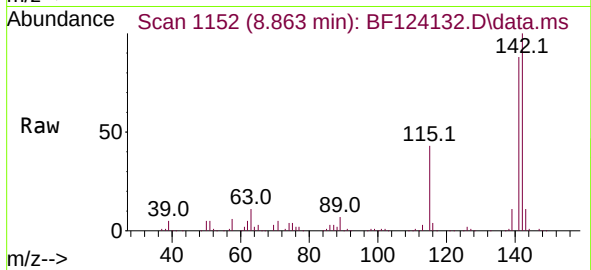
#37  
2-Methylnaphthalene  
Concen: 39.42 ng  
RT: 8.863 min Scan# 1152  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

Tgt Ion:142 Resp: 316860  
Ion Ratio Lower Upper  
142 100  
141 88.5 71.8 107.6

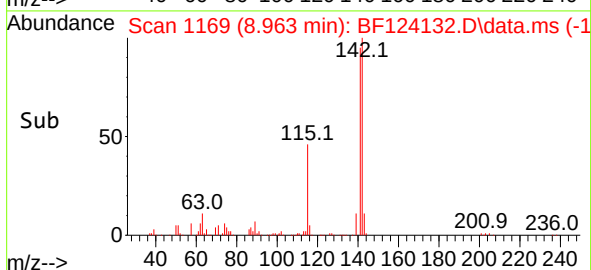
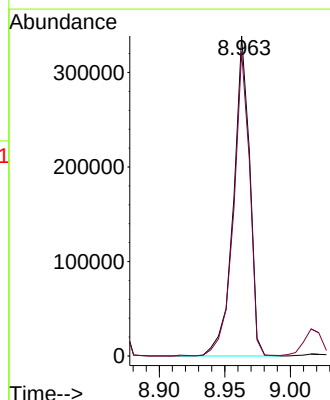
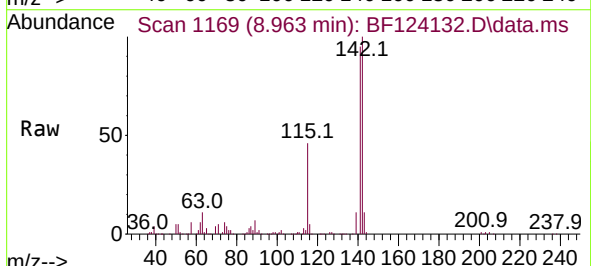
Manual Integrations  
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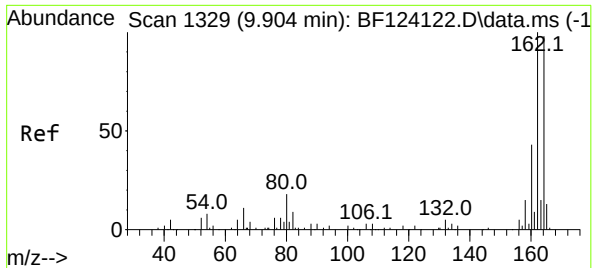
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#38  
1-Methylnaphthalene  
Concen: 38.74 ng  
RT: 8.963 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

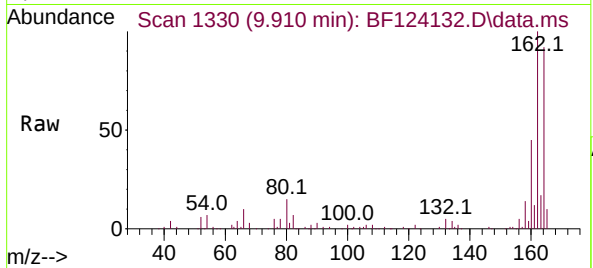
Tgt Ion:142 Resp: 290999  
Ion Ratio Lower Upper  
142 100  
141 95.1 72.8 109.2





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

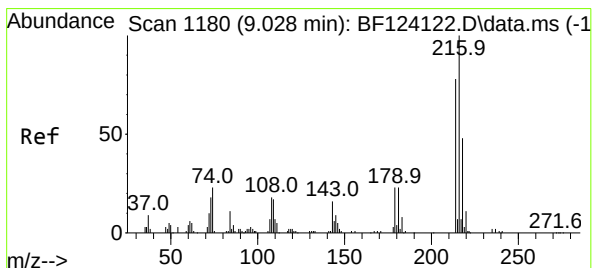
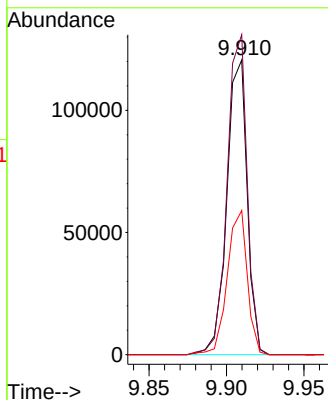
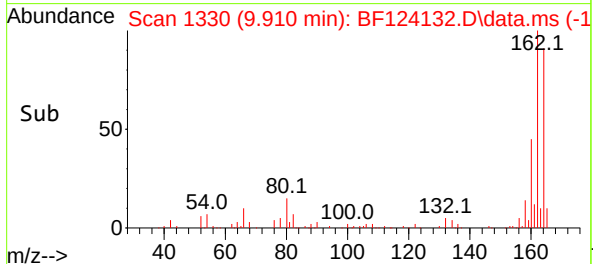
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS



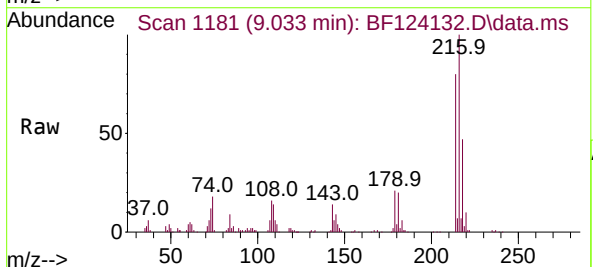
Tgt Ion:164 Resp: 110428  
Ion Ratio Lower Upper  
164 100  
162 108.6 80.7 121.1  
160 48.9 37.3 55.9

Manual Integrations  
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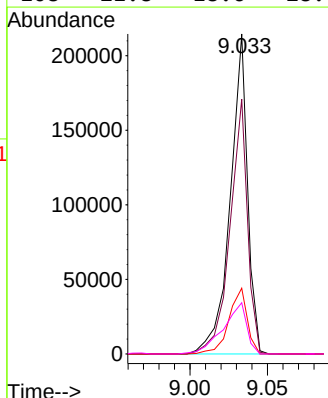
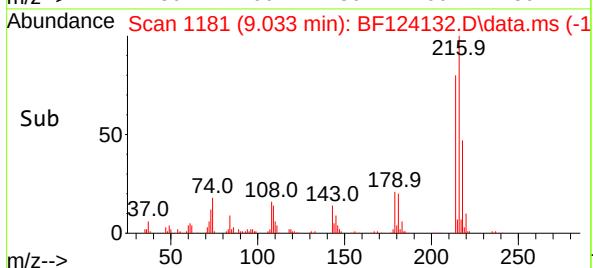
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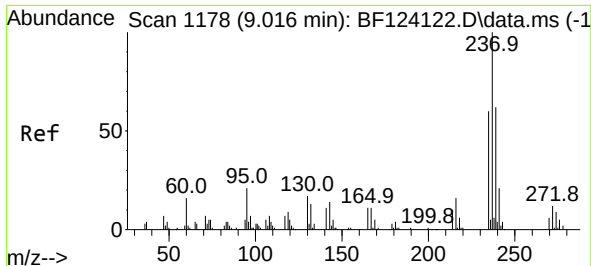


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.64 ng  
RT: 9.033 min Scan# 1181  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



Tgt Ion:216 Resp: 166823  
Ion Ratio Lower Upper  
216 100  
214 80.3 63.8 95.8  
179 21.7 17.9 26.9  
108 21.8 18.6 28.0





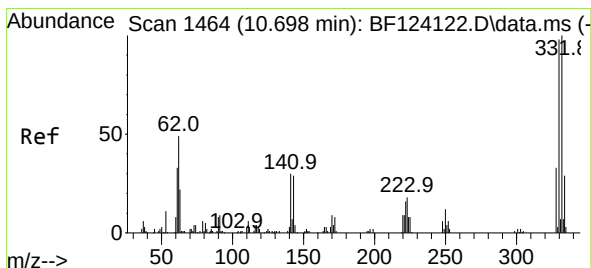
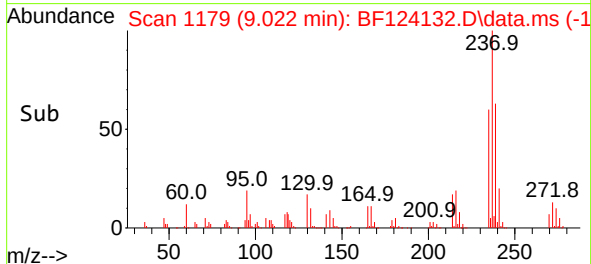
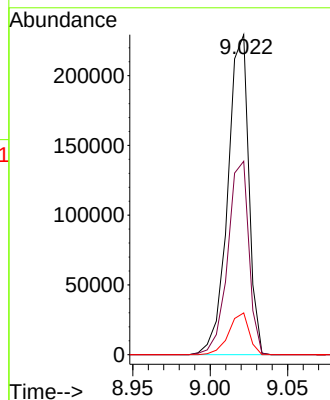
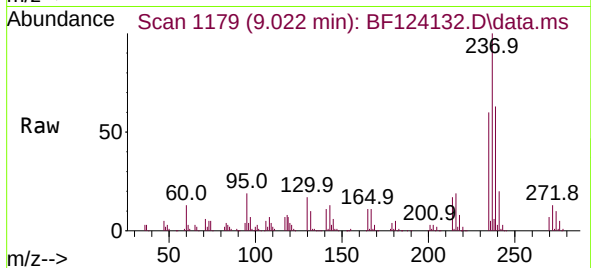
#41  
Hexachlorocyclopentadiene  
Concen: 99.63 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:237 Resp: 215871  
Ion Ratio Lower Upper  
237 100  
235 60.4 38.8 78.8  
272 13.0 0.0 32.4

Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

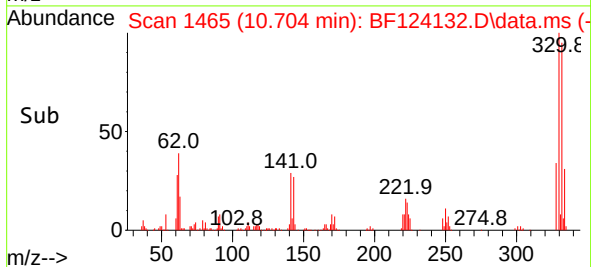
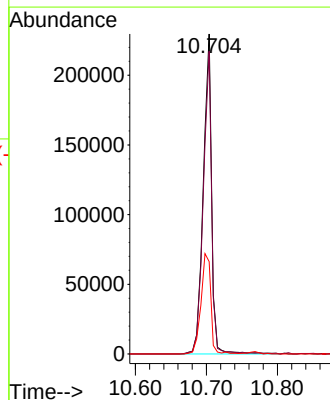
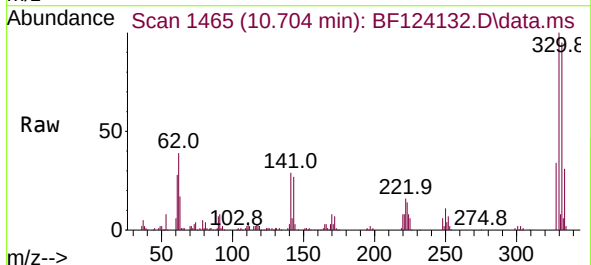
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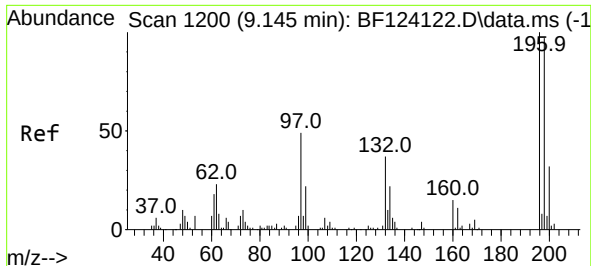


#42  
2,4,6-Tribromophenol  
Concen: 120.35 ng  
RT: 10.704 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:330 Resp: 188290  
Ion Ratio Lower Upper  
330 100  
332 94.8 77.1 115.7  
141 36.9 27.9 41.9







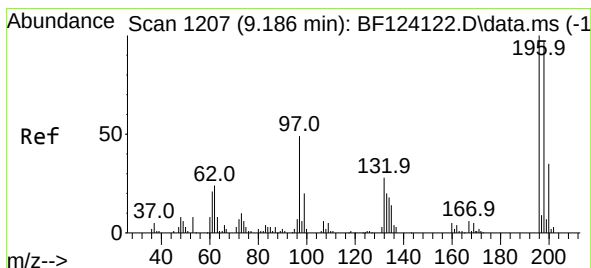
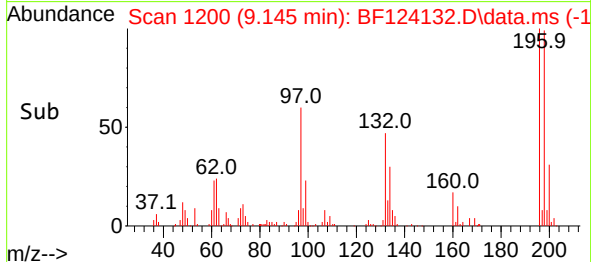
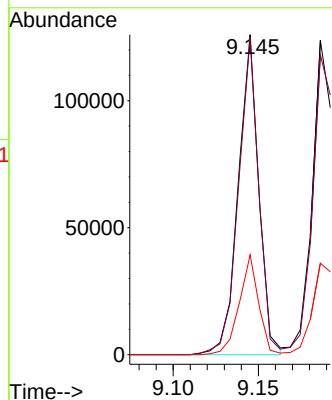
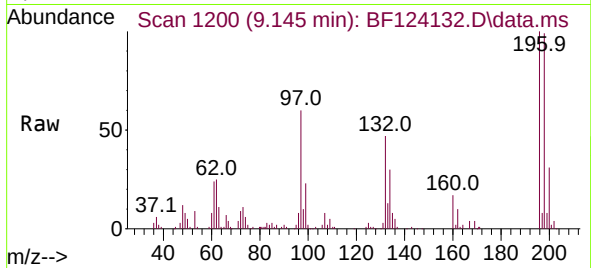
#43  
2,4,6-Trichlorophenol  
Concen: 41.32 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:196 Resp: 105427  
Ion Ratio Lower Upper  
196 100  
198 99.1 78.2 117.2  
200 31.2 25.0 37.6

Instrument :  
BNA\_F  
ClientSampled :  
PB136793BS

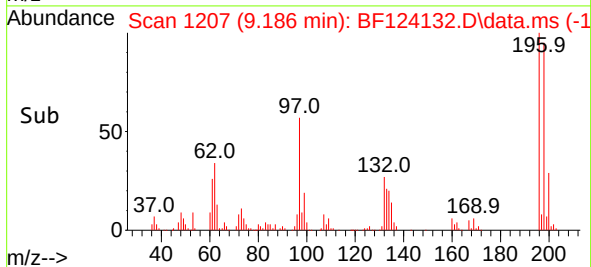
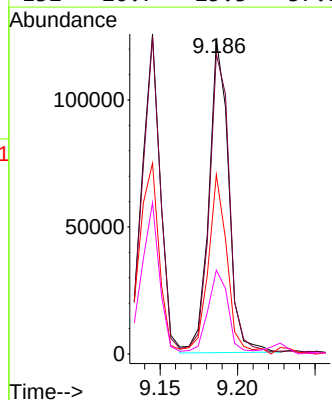
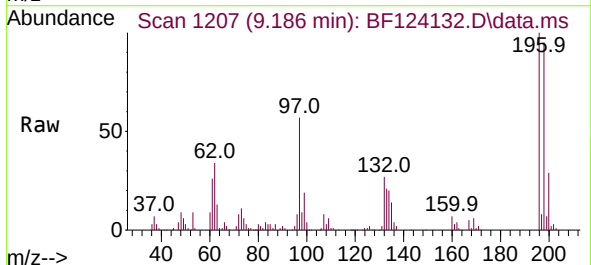
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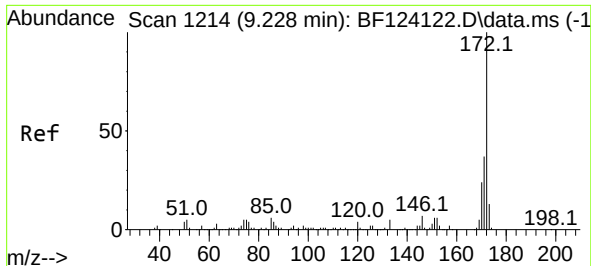
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#44  
2,4,5-Trichlorophenol  
Concen: 39.74 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

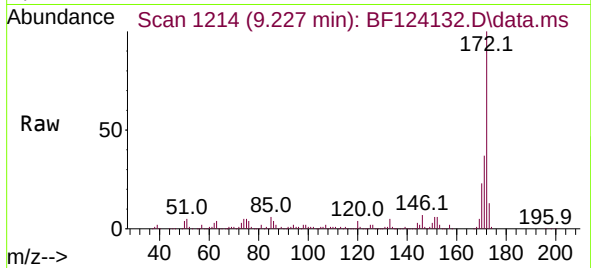
Tgt Ion:196 Resp: 108863  
Ion Ratio Lower Upper  
196 100  
198 95.4 76.5 114.7  
97 57.0 52.9 79.3  
132 26.7 25.3 37.9





#45  
2-Fluorobiphenyl  
Concen: 80.29 ng  
RT: 9.227 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

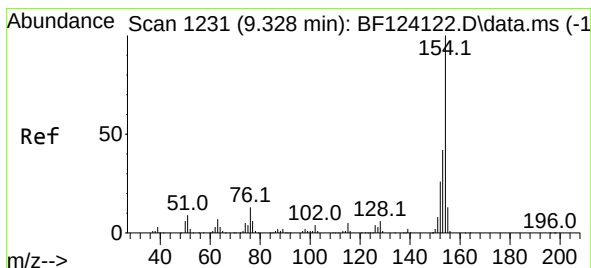
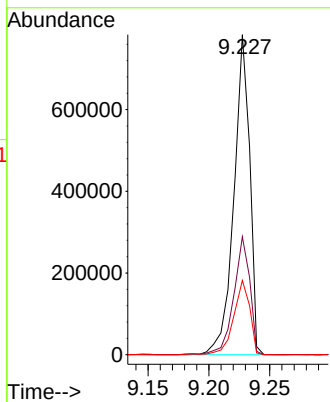
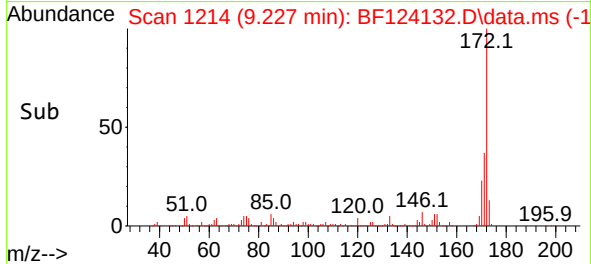
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS



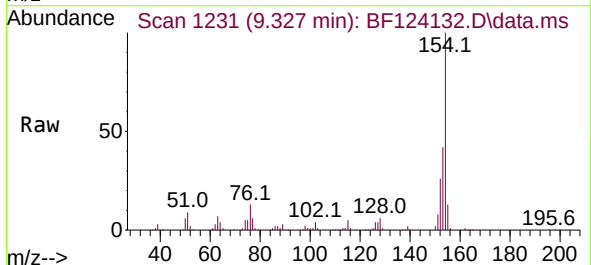
Tgt Ion:172 Resp: 704625  
Ion Ratio Lower Upper  
172 100  
171 36.9 28.1 42.1  
170 23.2 19.2 28.8

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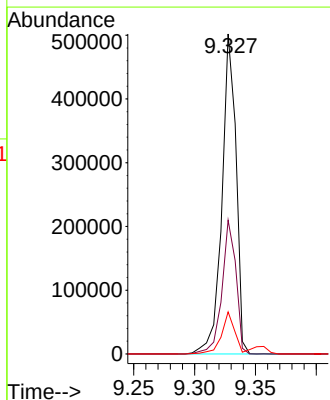
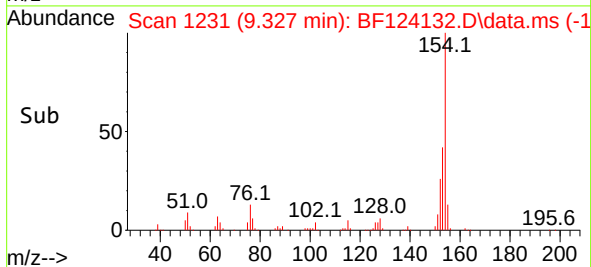
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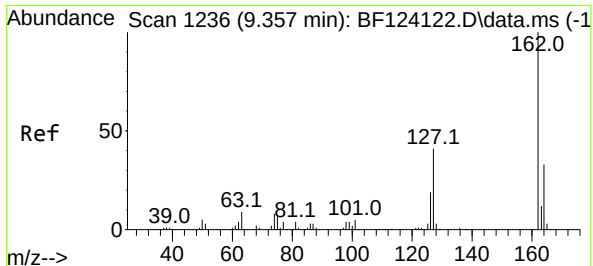


#46  
1,1'-Biphenyl  
Concen: 43.56 ng  
RT: 9.327 min Scan# 1231  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



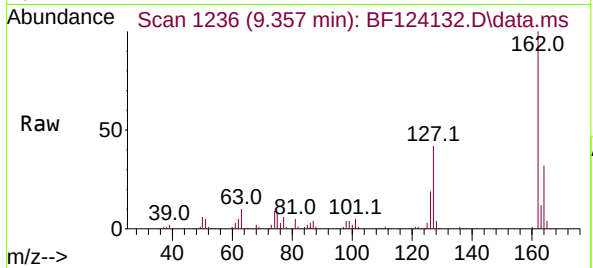
Tgt Ion:154 Resp: 406049  
Ion Ratio Lower Upper  
154 100  
153 41.8 20.7 60.7  
76 13.1 0.0 31.7





#47  
2-Chloronaphthalene  
Concen: 40.57 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

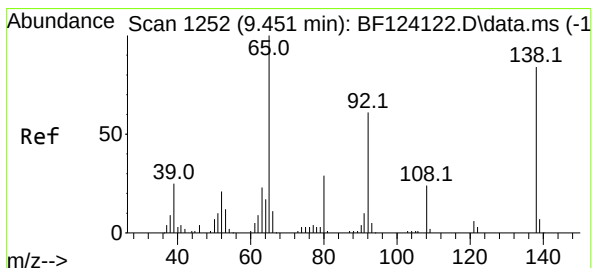
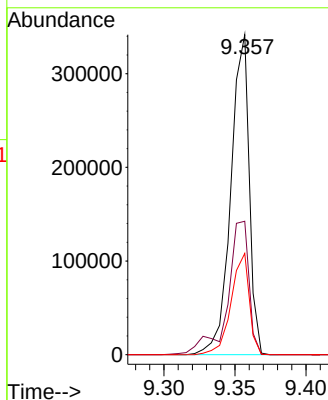
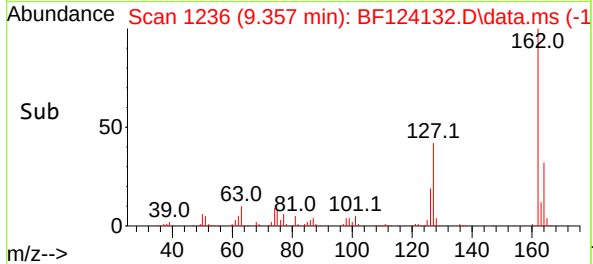
Instrument :  
BNA\_F  
ClientSampled :  
PB136793BS



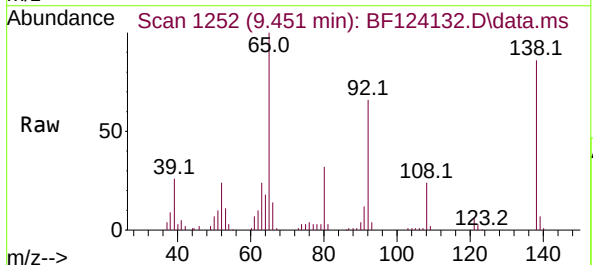
Tgt Ion:162 Resp: 307826  
Ion Ratio Lower Upper  
162 100  
127 41.7 36.2 54.2  
164 31.7 25.4 38.2

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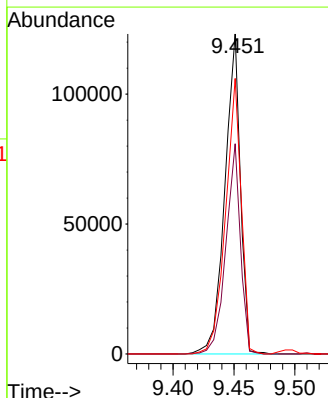
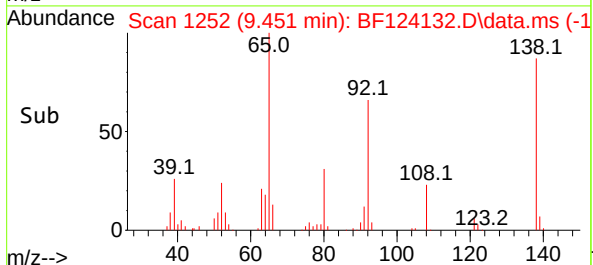
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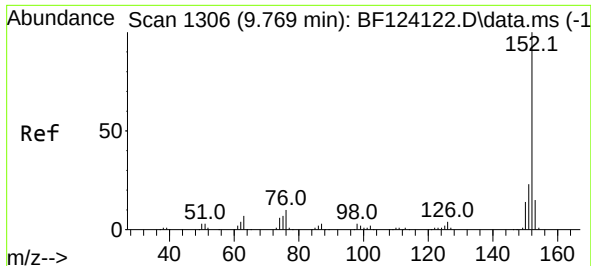


#48  
2-Nitroaniline  
Concen: 39.92 ng  
RT: 9.451 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

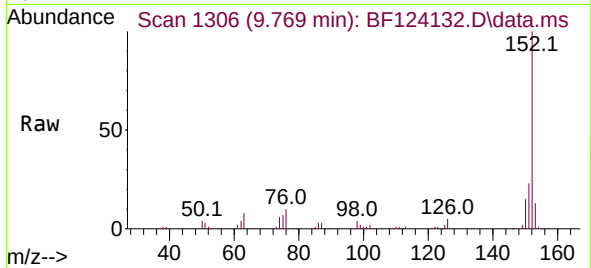


Tgt Ion: 65 Resp: 109307  
Ion Ratio Lower Upper  
65 100  
92 65.7 47.1 70.7  
138 86.1 70.2 105.2





#49  
Acenaphthylene  
Concen: 41.16 ng  
RT: 9.769 min Scan# 1306  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

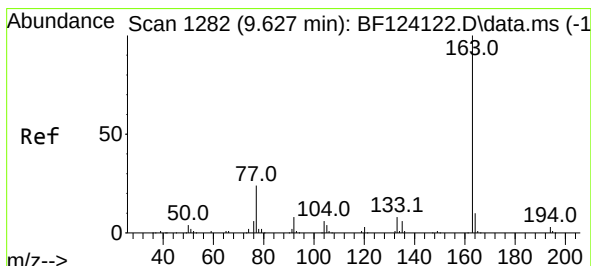
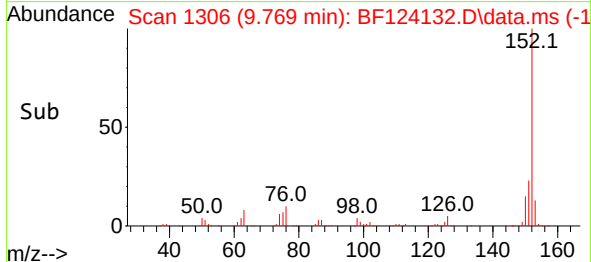
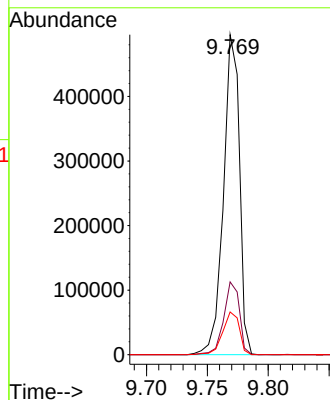


Tgt Ion:152 Resp: 453926  
Ion Ratio Lower Upper  
152 100  
151 22.7 16.0 24.0  
153 13.4 10.4 15.6

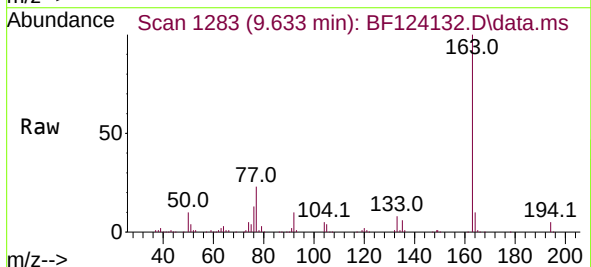
Instrument :  
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ClientSampleId :  
PB136793BS

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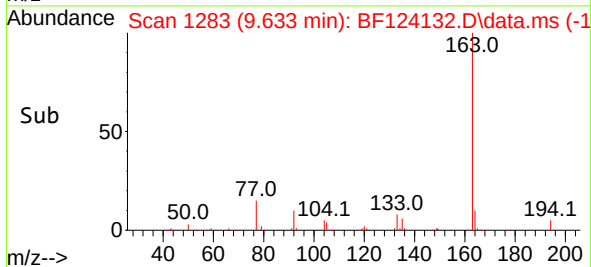
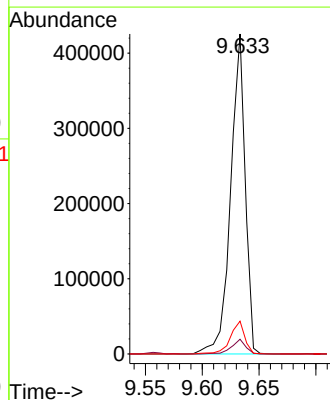
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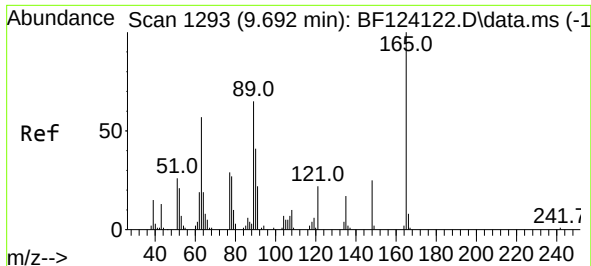


#50  
Dimethylphthalate  
Concen: 41.49 ng  
RT: 9.633 min Scan# 1283  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



Tgt Ion:163 Resp: 379043  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.1 4.7  
164 10.3 8.2 12.2





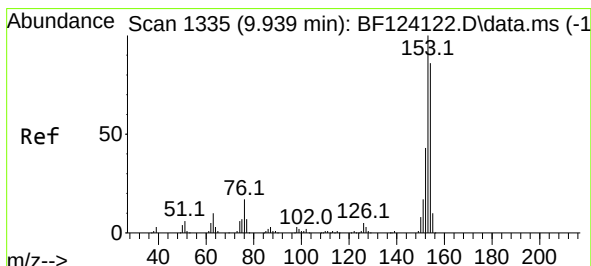
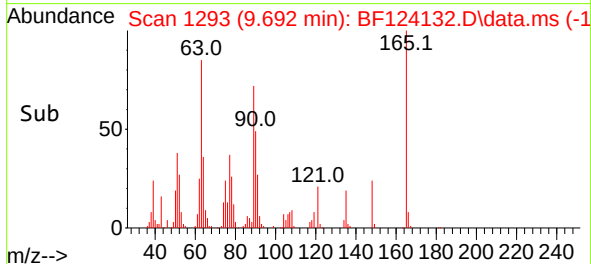
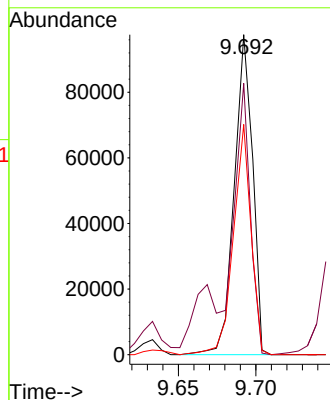
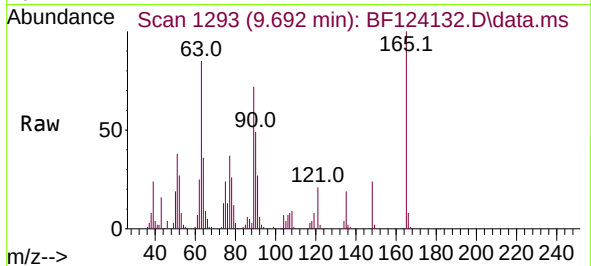
#51  
2,6-Dinitrotoluene  
Concen: 38.23 ng  
RT: 9.692 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:165 Resp: 80091  
Ion Ratio Lower Upper  
165 100  
63 84.8 67.7 101.5  
89 71.9 58.8 88.2

Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

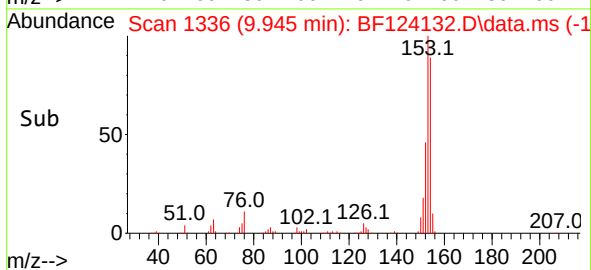
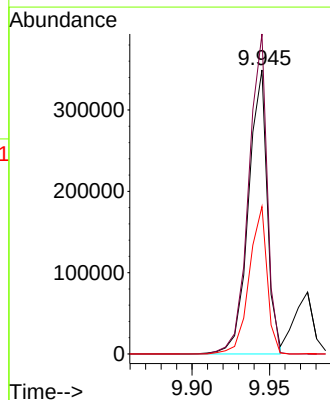
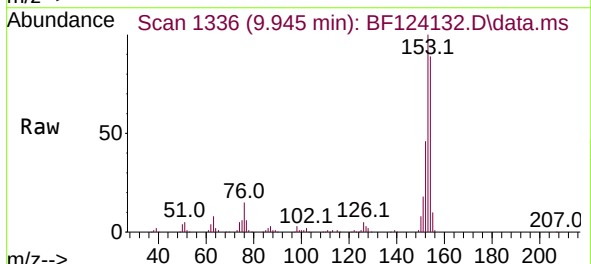
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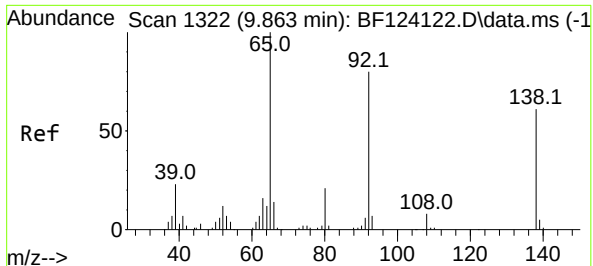
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#52  
Acenaphthene  
Concen: 40.94 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:154 Resp: 294935  
Ion Ratio Lower Upper  
154 100  
153 112.7 88.1 132.1  
152 51.9 43.4 65.0





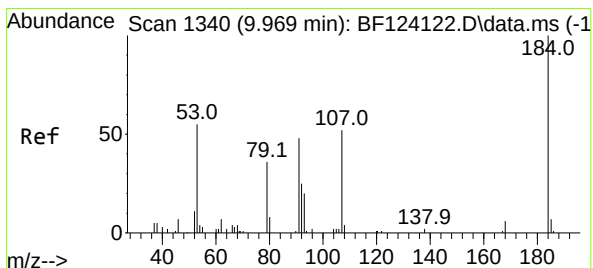
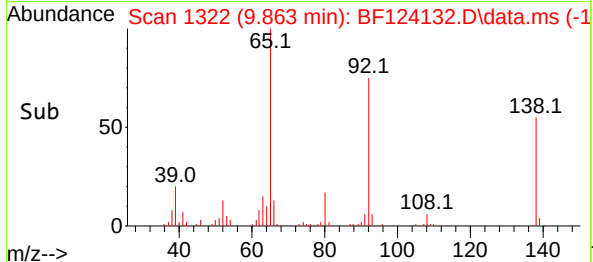
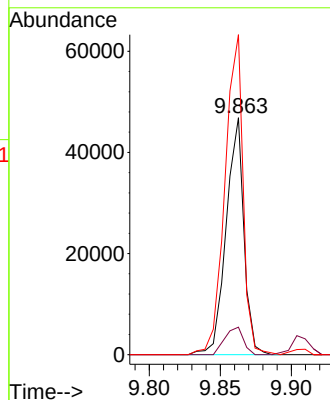
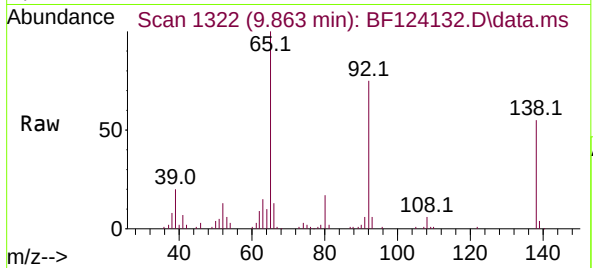
#53  
3-Nitroaniline  
Concen: 20.70 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:138 Resp: 40579  
Ion Ratio Lower Upper  
138 100  
108 11.6 10.2 15.4  
92 135.1 103.3 154.9

Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

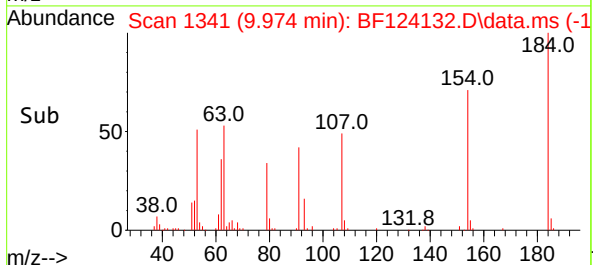
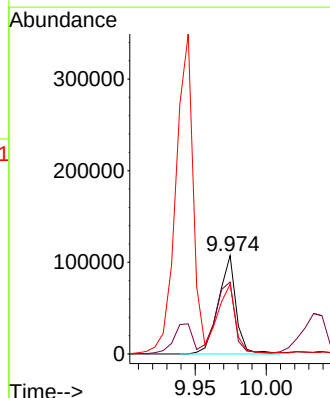
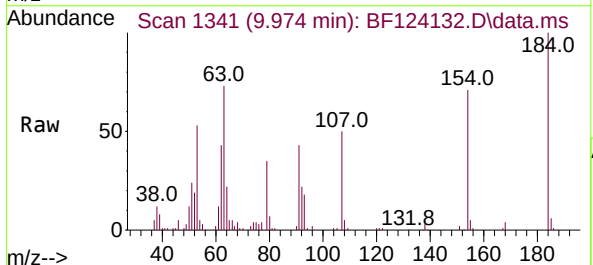
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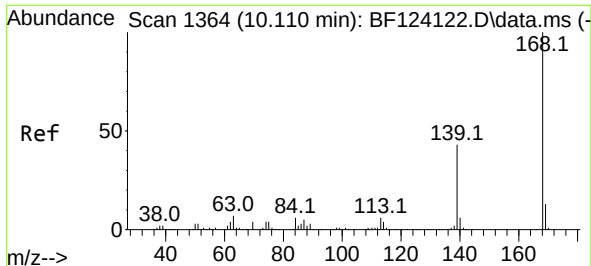
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#54  
2,4-Dinitrophenol  
Concen: 86.66 ng  
RT: 9.974 min Scan# 1341  
Delta R.T. 0.005 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

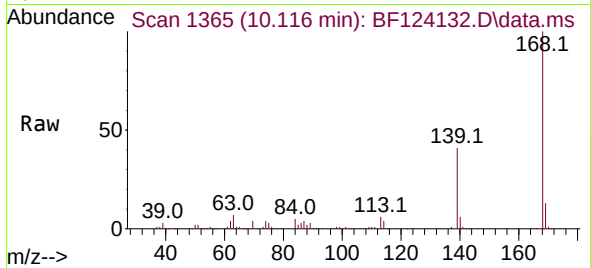
Tgt Ion:184 Resp: 93146  
Ion Ratio Lower Upper  
184 100  
63 73.2 73.5 110.3#  
154 70.9 52.5 78.7





#55  
Dibenzofuran  
Concen: 40.44 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

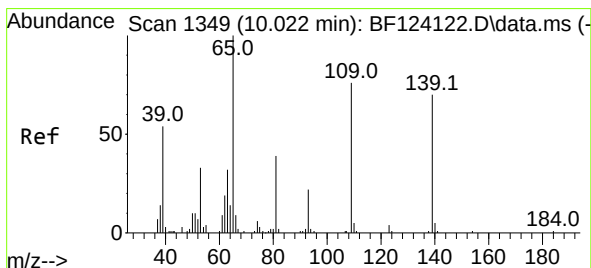
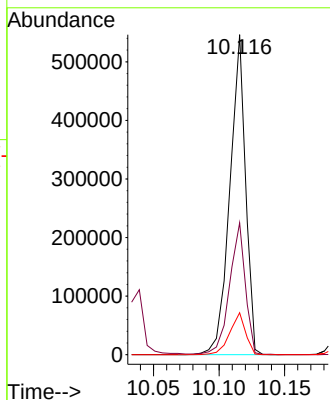
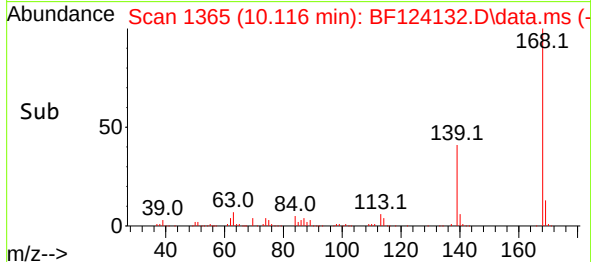
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS



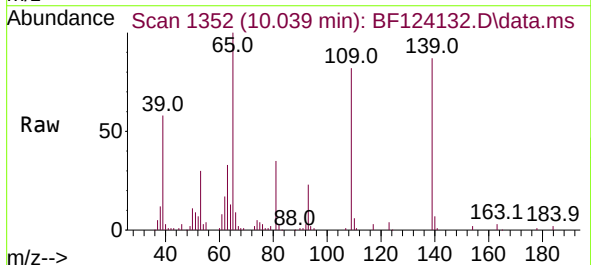
Tgt Ion:168 Resp: 455986  
Ion Ratio Lower Upper  
168 100  
139 41.2 33.2 49.8  
169 13.1 10.8 16.2

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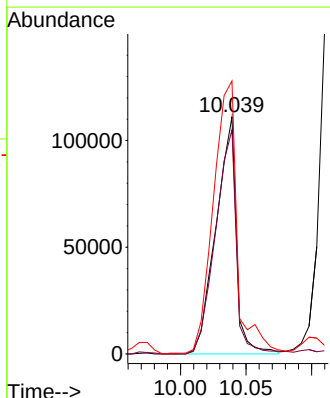
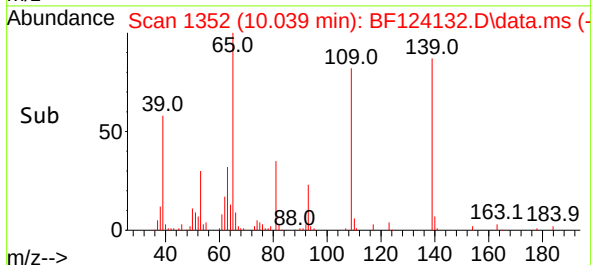
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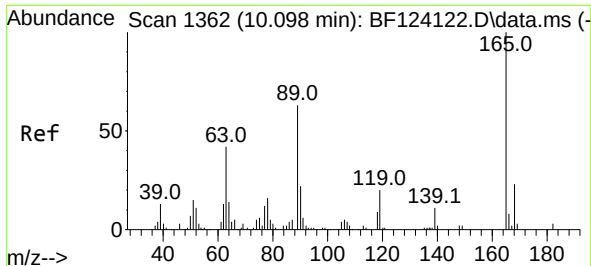


#56  
4-Nitrophenol  
Concen: 85.68 ng  
RT: 10.039 min Scan# 1352  
Delta R.T. 0.018 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

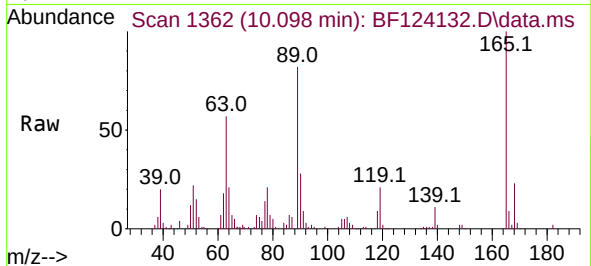


Tgt Ion:139 Resp: 120049  
Ion Ratio Lower Upper  
139 100  
109 94.5 63.2 103.2  
65 115.1 110.0 150.0

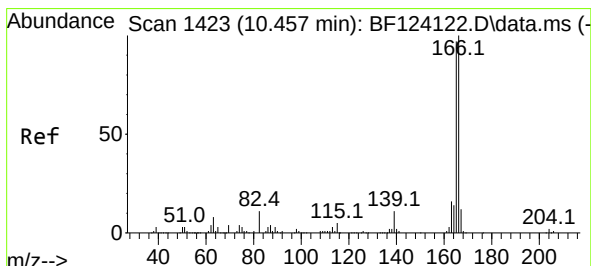
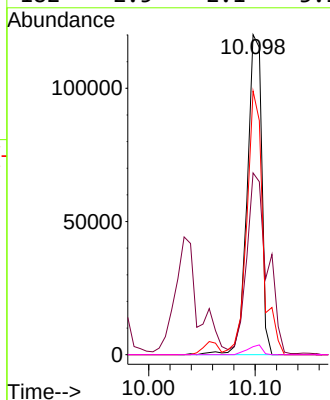
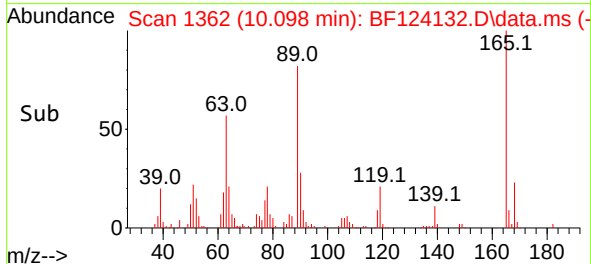




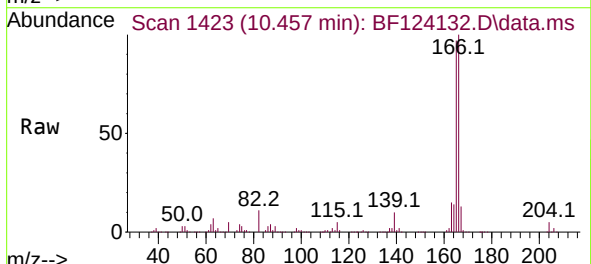
#57  
2,4-Dinitrotoluene  
Concen: 41.38 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



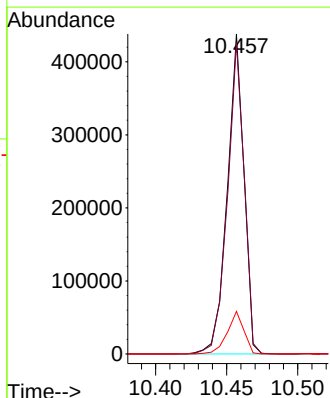
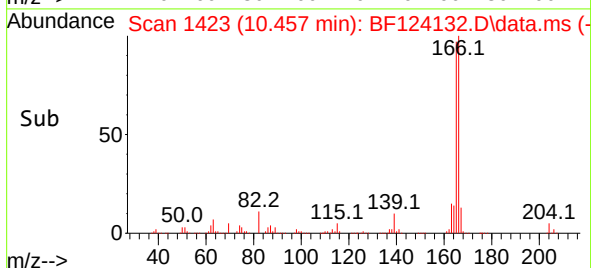
Tgt Ion:165 Resp: 114319  
Ion Ratio Lower Upper  
165 100  
63 56.8 43.5 65.3  
89 82.4 67.7 101.5  
182 2.5 2.1 3.1



#58  
Fluorene  
Concen: 41.23 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



Tgt Ion:166 Resp: 356830  
Ion Ratio Lower Upper  
166 100  
165 97.3 73.5 110.3  
167 13.3 10.7 16.1

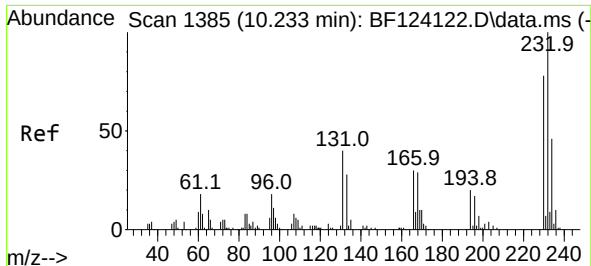


Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

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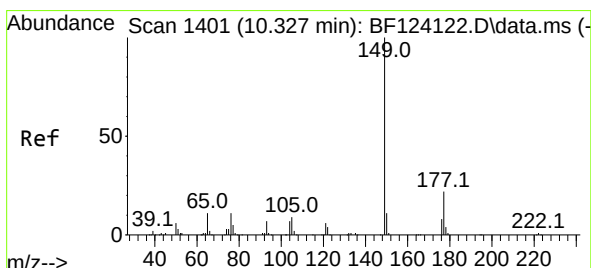
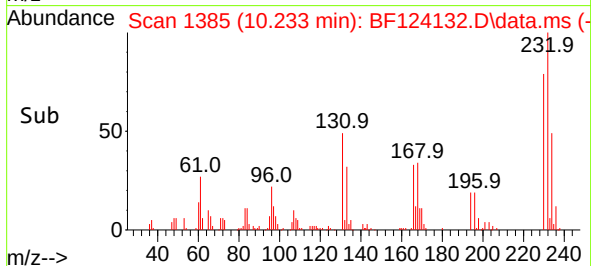
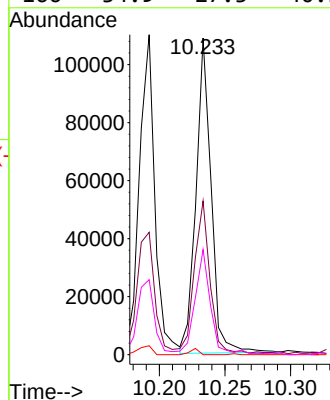
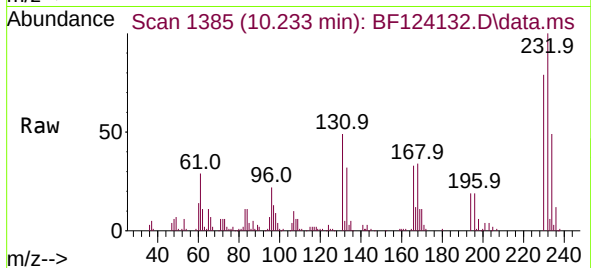
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.41 ng  
RT: 10.233 min Scan# 1385  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:232 Resp: 87494  
Ion Ratio Lower Upper  
232 100  
131 49.7 43.2 64.8  
130 1.1 2.2 3.2#  
166 34.9 27.3 40.9

Instrument :  
BNA\_F  
ClientSampleId :  
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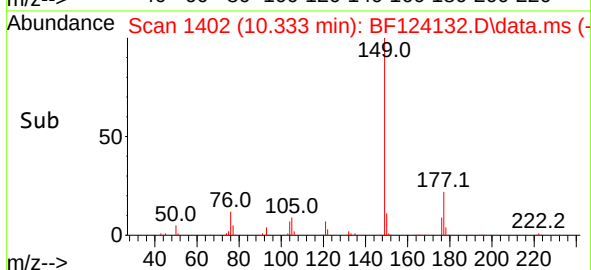
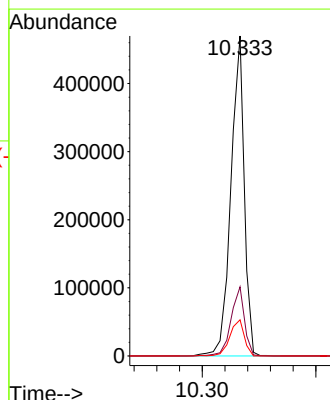
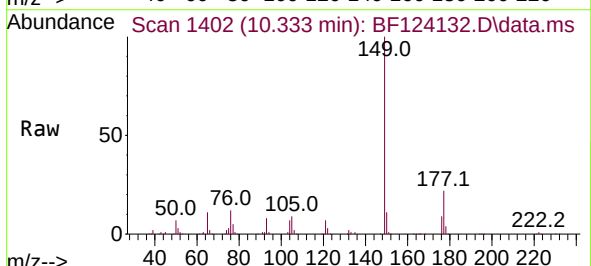
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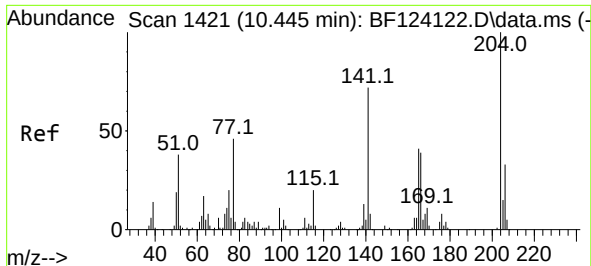
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#60  
Diethylphthalate  
Concen: 41.53 ng  
RT: 10.333 min Scan# 1402  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:149 Resp: 382905  
Ion Ratio Lower Upper  
149 100  
177 21.6 15.4 23.2  
150 11.3 9.9 14.9





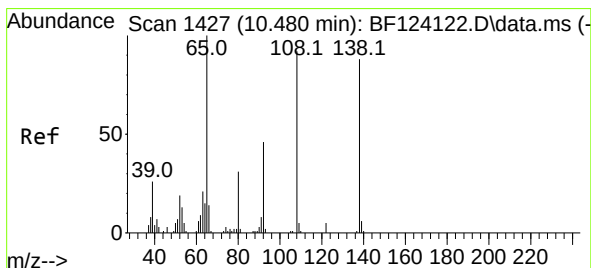
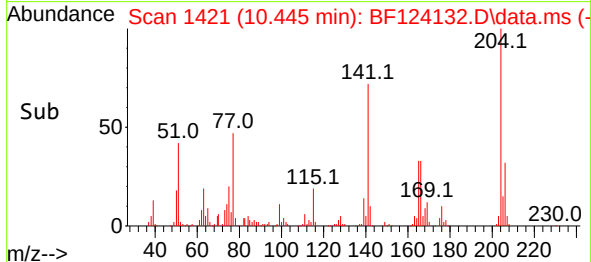
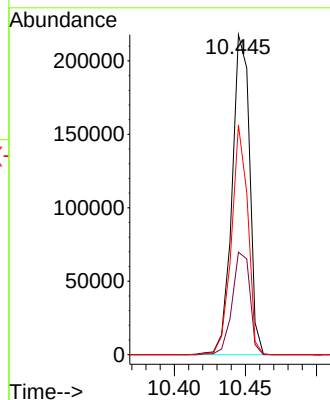
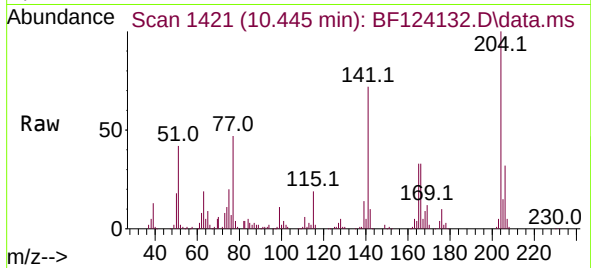
#61  
4-Chlorophenyl-phenylether  
Concen: 42.19 ng  
RT: 10.445 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:204 Resp: 186682  
Ion Ratio Lower Upper  
204 100  
206 32.1 25.7 38.5  
141 71.8 55.5 83.3

Instrument :  
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ClientSampleId :  
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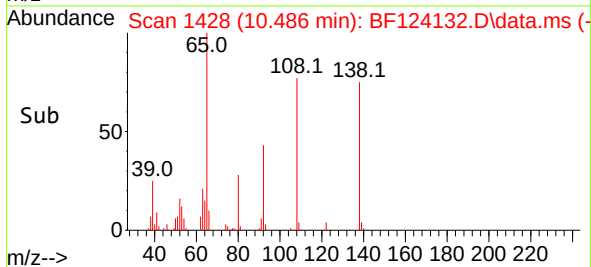
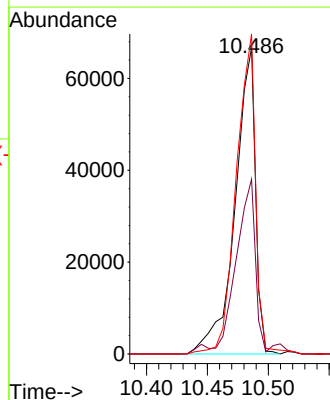
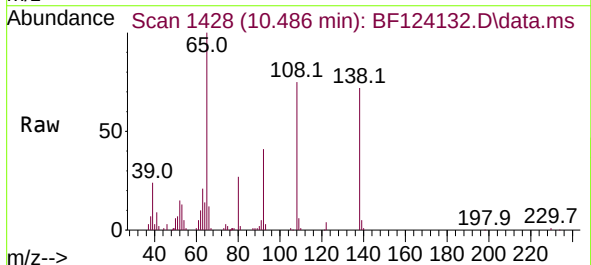
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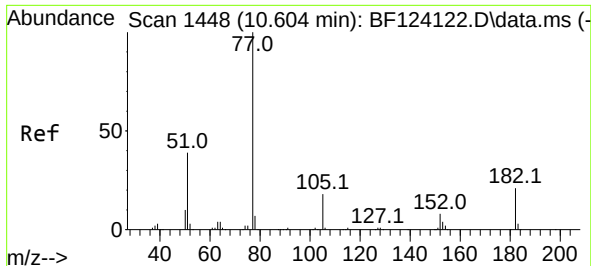
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#62  
4-Nitroaniline  
Concen: 39.42 ng  
RT: 10.486 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:138 Resp: 77703  
Ion Ratio Lower Upper  
138 100  
92 57.1 35.8 75.8  
108 104.5 63.6 103.6#





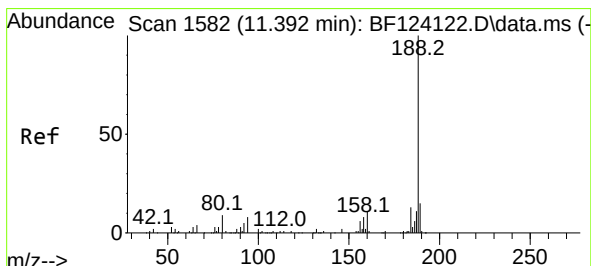
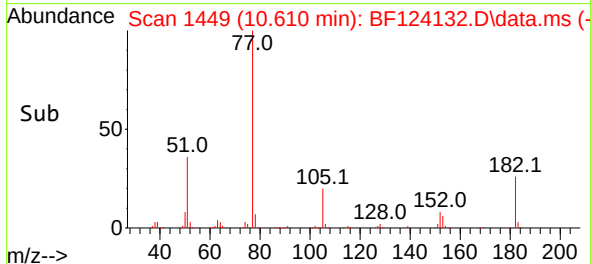
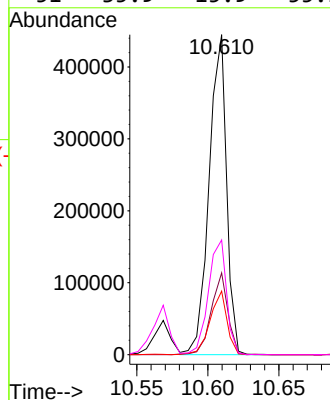
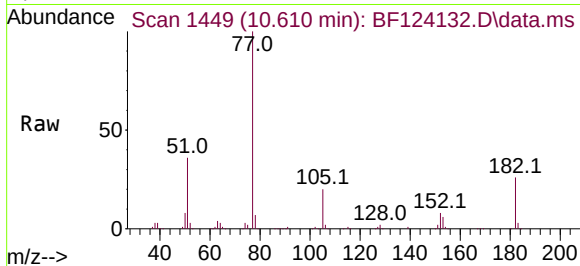
#63  
Azobenzene  
Concen: 39.53 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 379914 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 25.6    | 1.7 41.7     |
| 105 19.8    | 1.7 41.7     |
| 51 35.9     | 15.9 55.9    |

Instrument :  
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ClientSampleId :  
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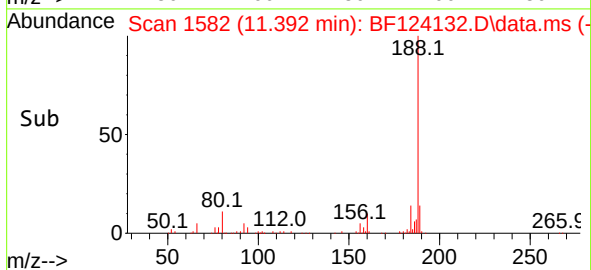
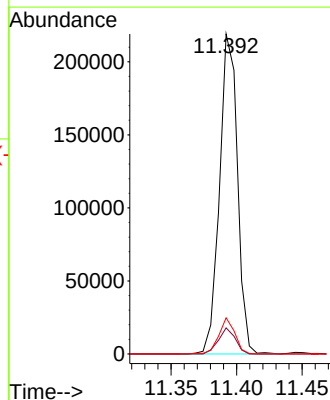
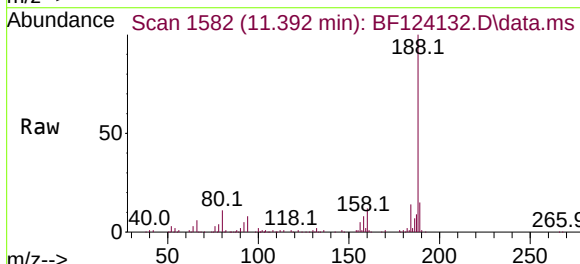
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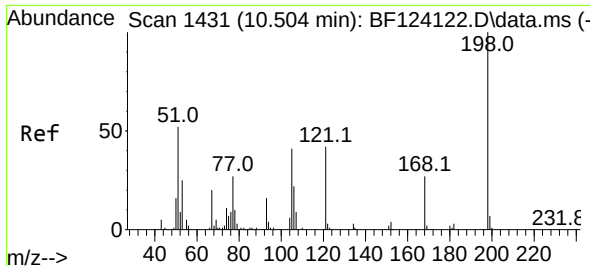
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#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 207953 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 8.1       | 6.9 10.3     |
| 80 11.3      | 8.2 12.2     |





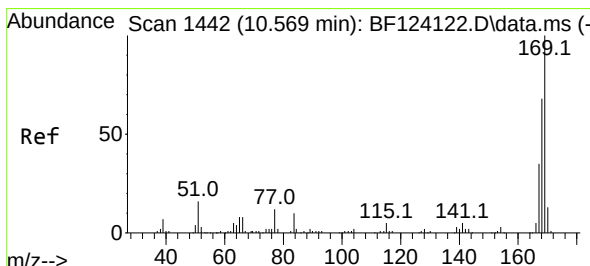
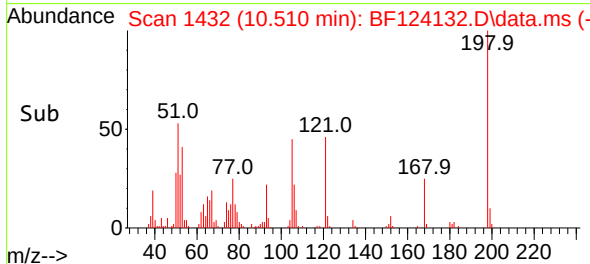
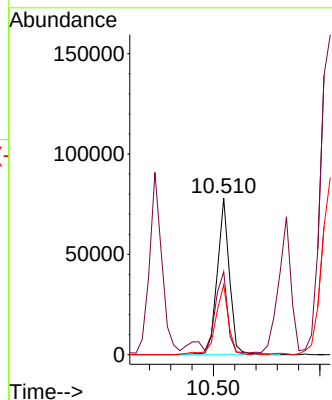
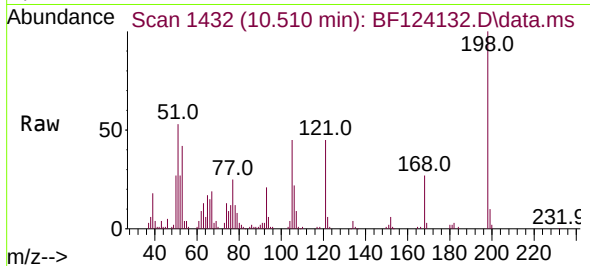
#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.81 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:198 Resp: 61522  
Ion Ratio Lower Upper  
198 100  
51 52.9 64.8 104.8#  
105 44.7 42.6 82.6

Instrument :  
BNA\_F  
ClientSampleId :  
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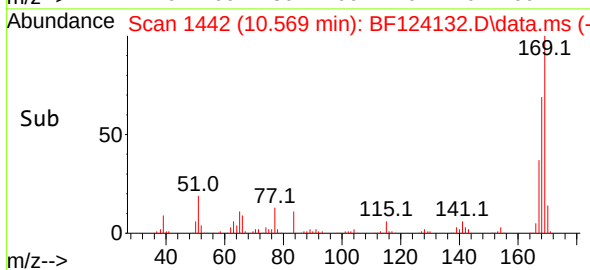
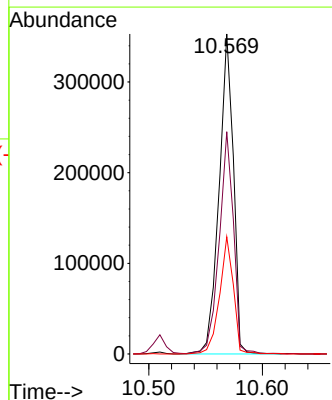
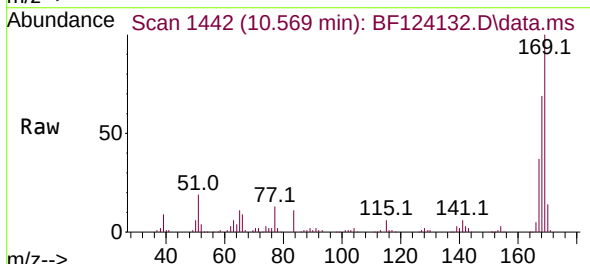
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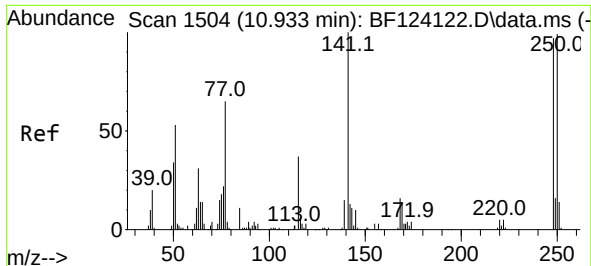
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#66  
n-Nitrosodiphenylamine  
Concen: 39.22 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:169 Resp: 309891  
Ion Ratio Lower Upper  
169 100  
168 69.5 53.3 79.9  
167 36.6 29.9 44.9





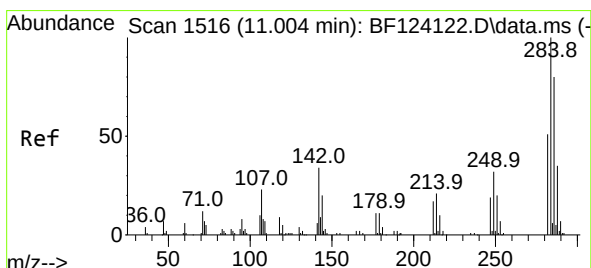
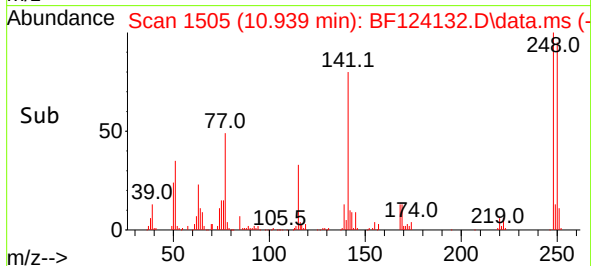
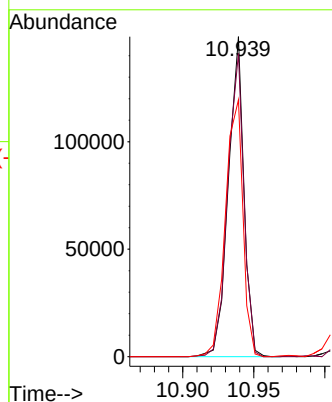
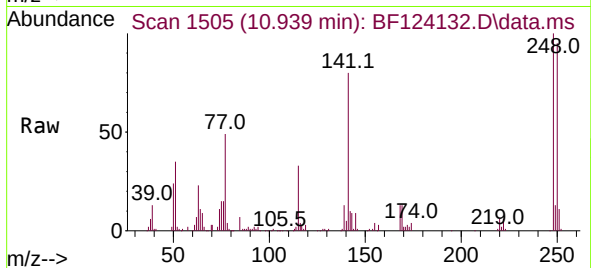
#67  
4-Bromophenyl-phenylether  
Concen: 39.73 ng  
RT: 10.939 min Scan# 1505  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

Tgt Ion:248 Resp: 113390  
Ion Ratio Lower Upper  
248 100  
250 94.7 77.4 116.2  
141 80.3 63.7 95.5

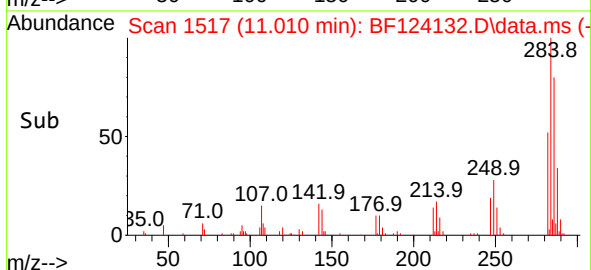
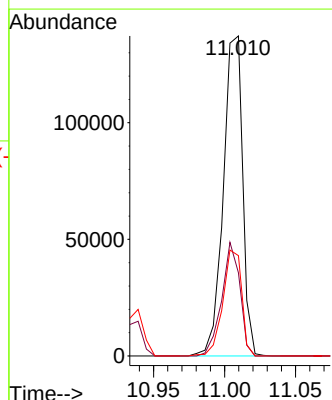
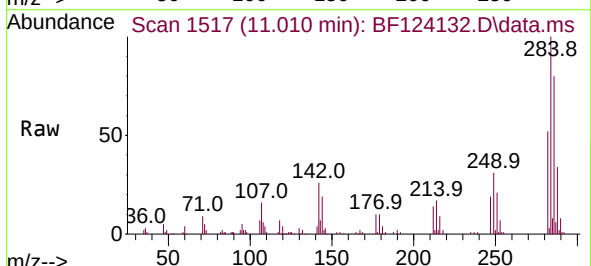
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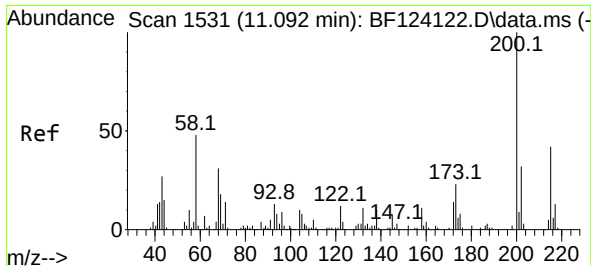
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#68  
Hexachlorobenzene  
Concen: 40.17 ng  
RT: 11.010 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:284 Resp: 129867  
Ion Ratio Lower Upper  
284 100  
142 26.0 28.3 42.5#  
249 31.4 23.5 35.3





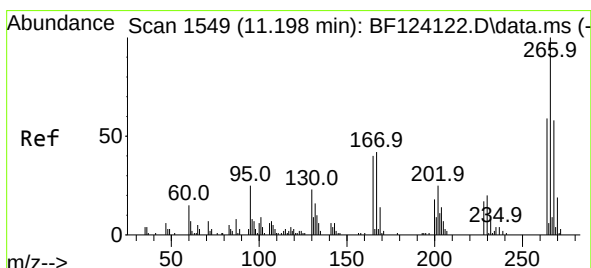
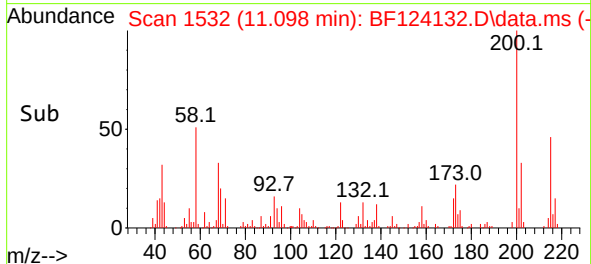
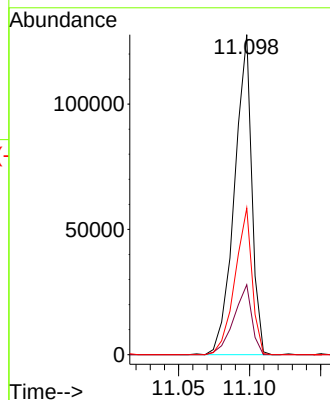
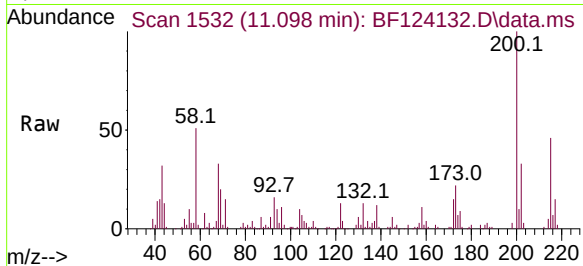
#69  
Atrazine  
Concen: 48.34 ng  
RT: 11.098 min Scan# 1532  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:200 Resp: 108115  
Ion Ratio Lower Upper  
200 100  
173 21.9 6.9 46.9  
215 45.8 26.5 66.5

Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

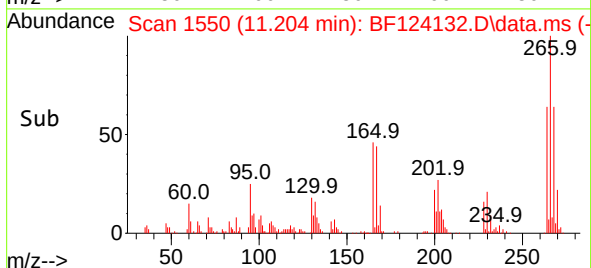
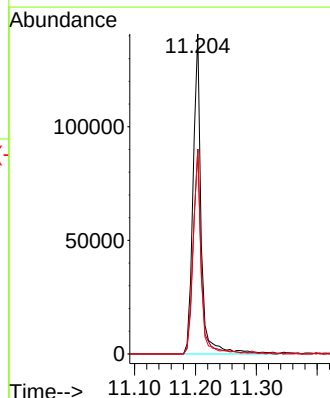
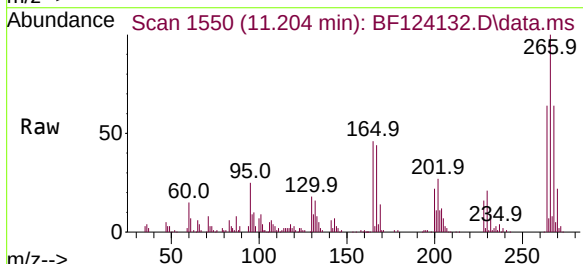
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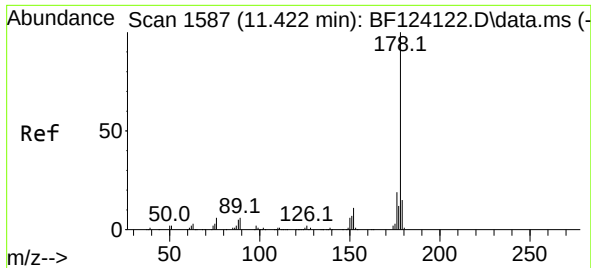
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#70  
Pentachlorophenol  
Concen: 76.82 ng  
RT: 11.204 min Scan# 1550  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:266 Resp: 130539  
Ion Ratio Lower Upper  
266 100  
268 64.0 51.6 77.4  
264 63.9 52.6 78.8





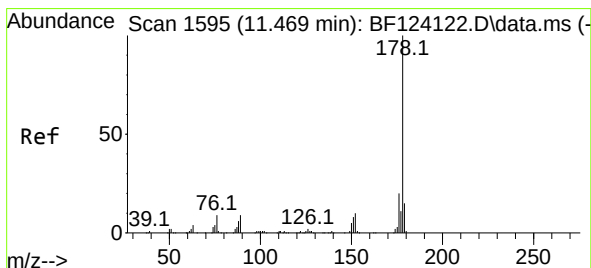
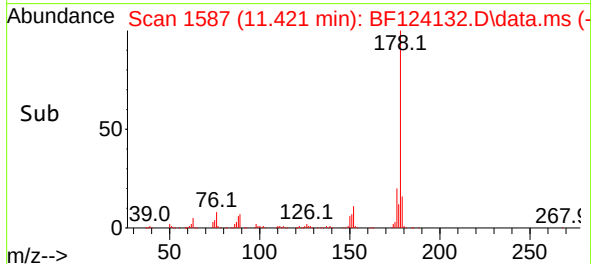
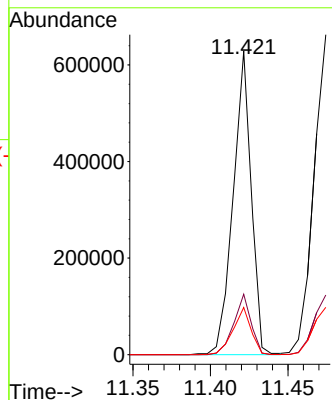
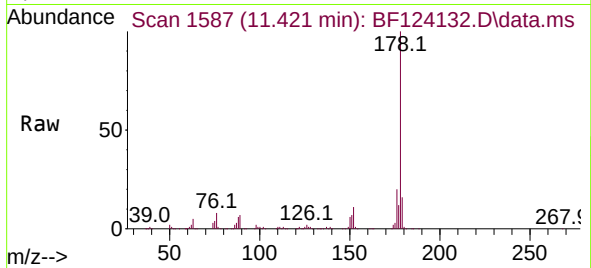
#71  
Phenanthrene  
Concen: 39.32 ng  
RT: 11.421 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:178 Resp: 510836  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.6 23.4  
179 15.6 12.5 18.7

Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

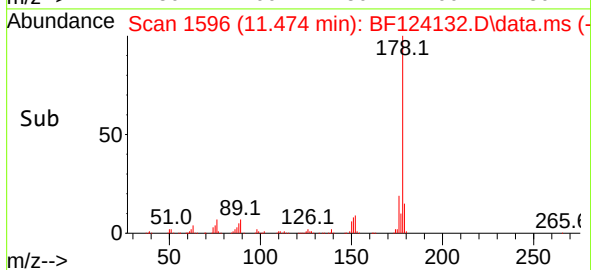
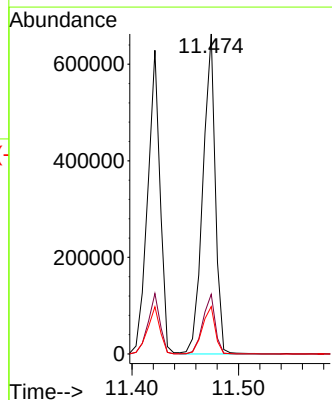
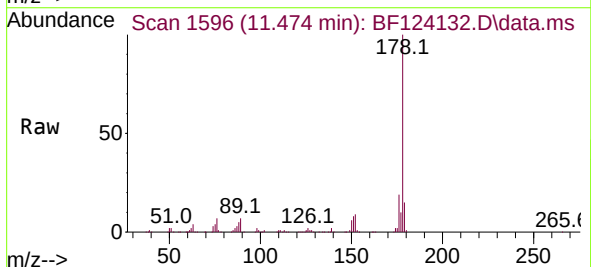
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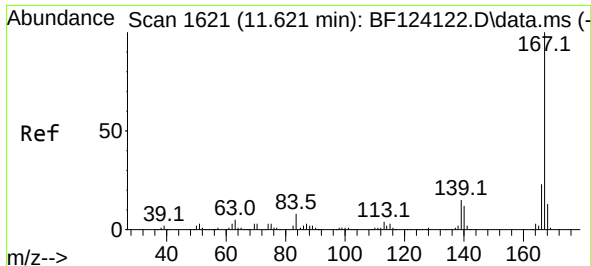
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#72  
Anthracene  
Concen: 41.24 ng  
RT: 11.474 min Scan# 1596  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

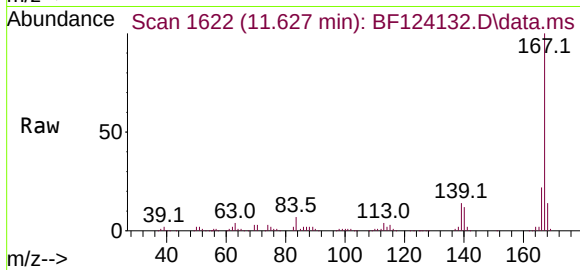
Tgt Ion:178 Resp: 539585  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.4 23.0  
179 14.8 12.6 18.8





#73  
Carbazole  
Concen: 37.72 ng  
RT: 11.627 min Scan# 1622  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

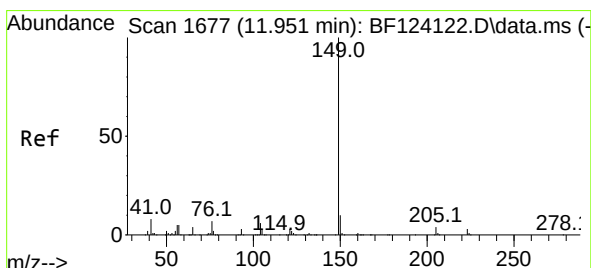
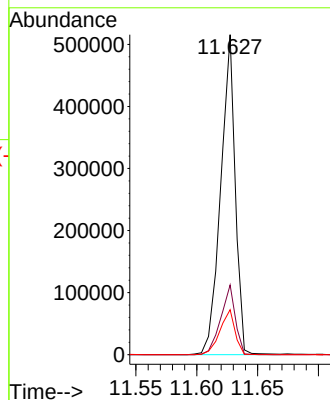
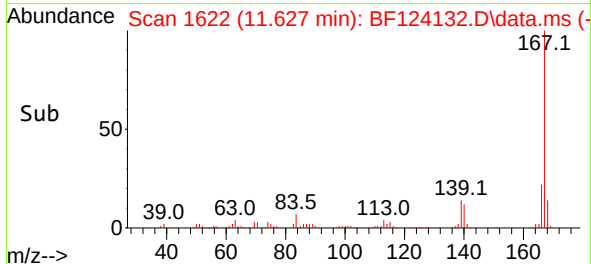
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS



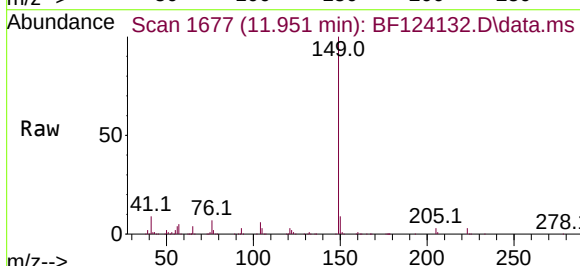
Tgt Ion:167 Resp: 430019  
Ion Ratio Lower Upper  
167 100  
166 21.8 17.0 25.6  
139 14.1 10.4 15.6

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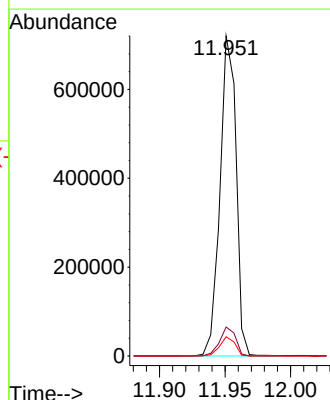
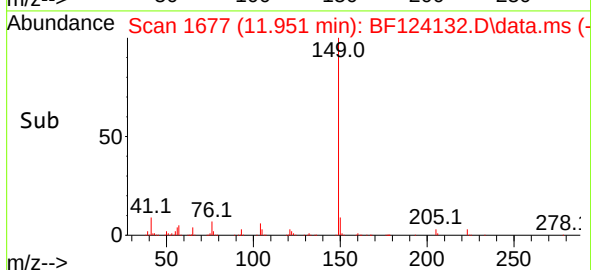
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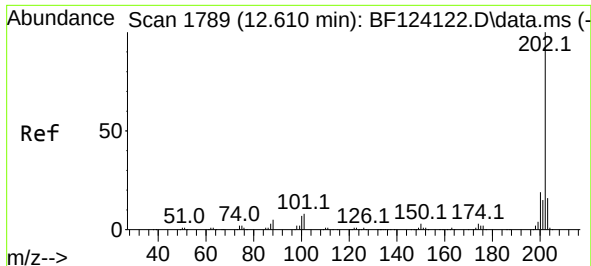
#74  
Di-n-butylphthalate  
Concen: 41.92 ng  
RT: 11.951 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



Tgt Ion:149 Resp: 614173  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.8 11.8  
104 6.0 4.6 6.8

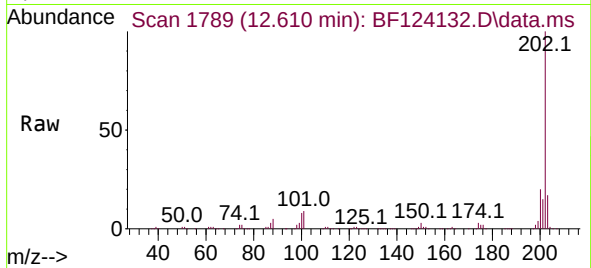






#75  
Fluoranthene  
Concen: 39.71 ng  
RT: 12.610 min Scan# 1789  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

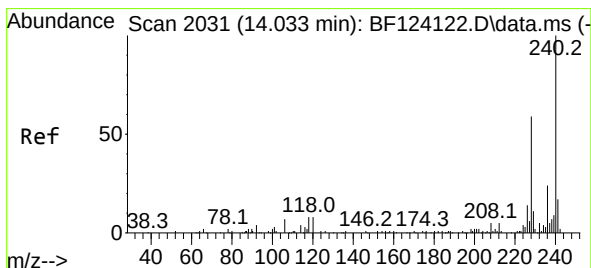
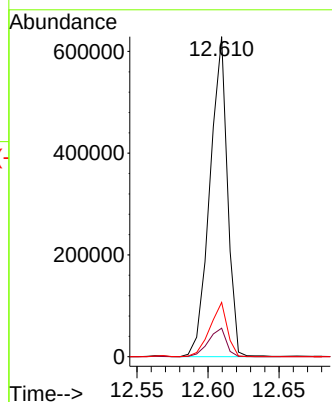
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS



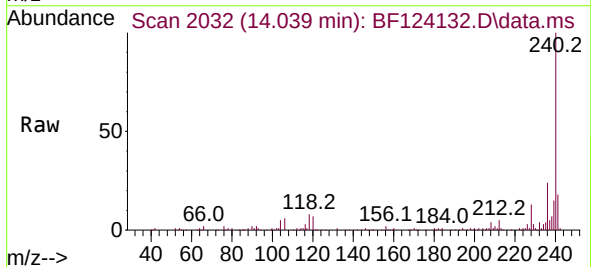
Tgt Ion:202 Resp: 541452  
Ion Ratio Lower Upper  
202 100  
101 8.9 0.0 30.9  
203 17.0 0.0 37.5

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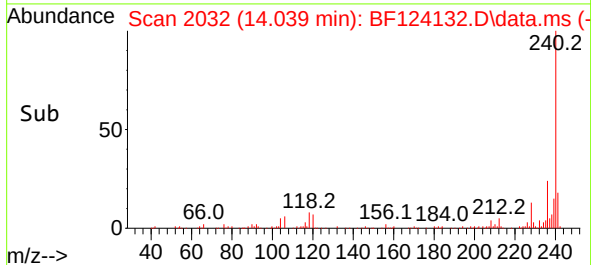
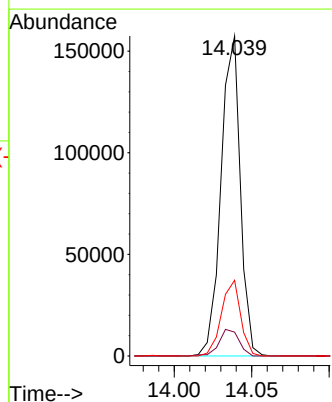
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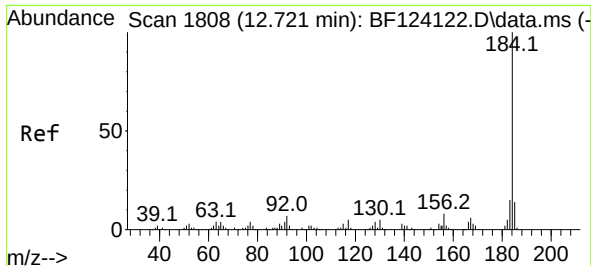


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

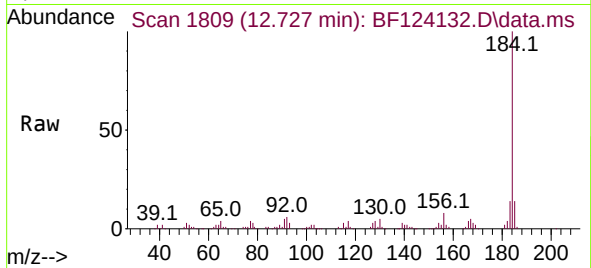


Tgt Ion:240 Resp: 135994  
Ion Ratio Lower Upper  
240 100  
120 7.4 7.2 10.8  
236 23.6 19.0 28.4

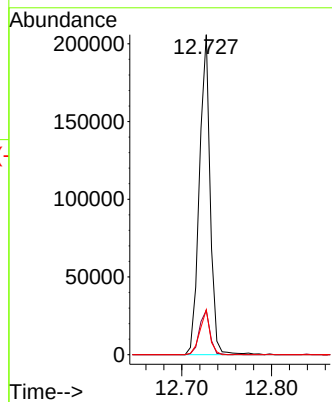
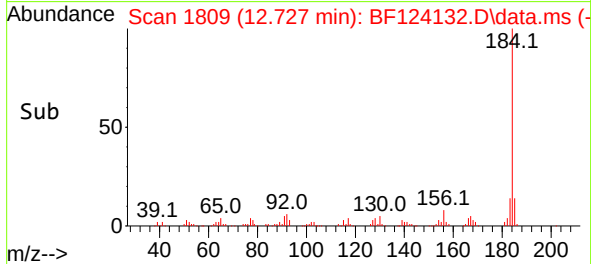




#77  
Benzidine  
Concen: 53.45 ng  
RT: 12.727 min Scan# 1809  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



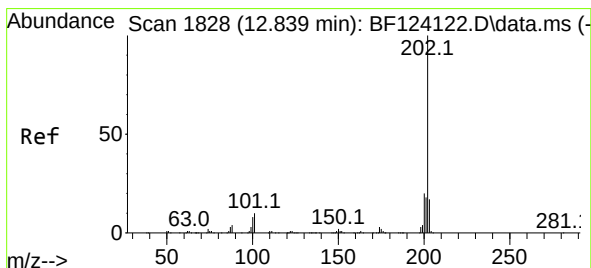
Tgt Ion:184 Resp: 171010  
Ion Ratio Lower Upper  
184 100  
185 13.8 12.1 18.1  
183 14.0 7.8 11.8#



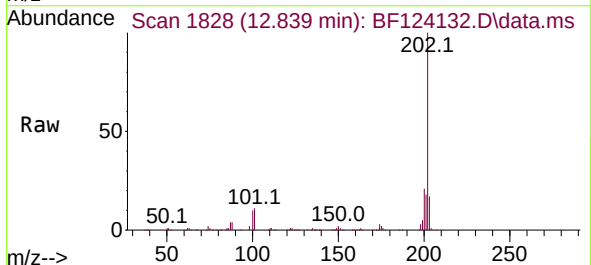
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

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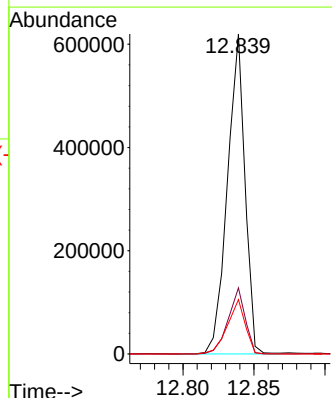
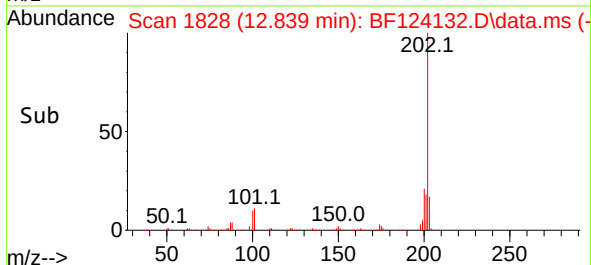
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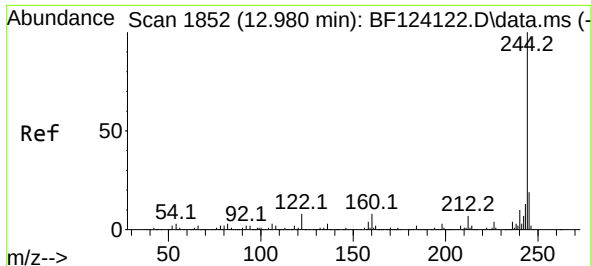


#78  
Pyrene  
Concen: 40.89 ng  
RT: 12.839 min Scan# 1828  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

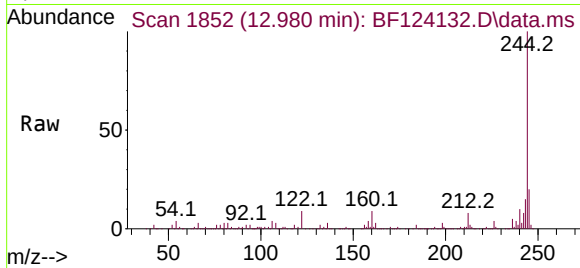


Tgt Ion:202 Resp: 533945  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.1 24.1  
203 17.0 14.8 22.2

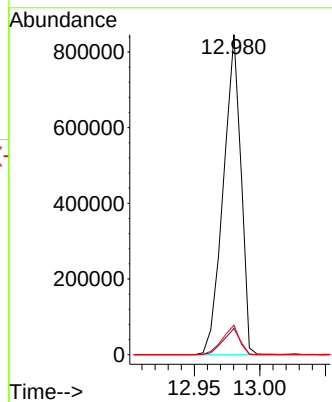
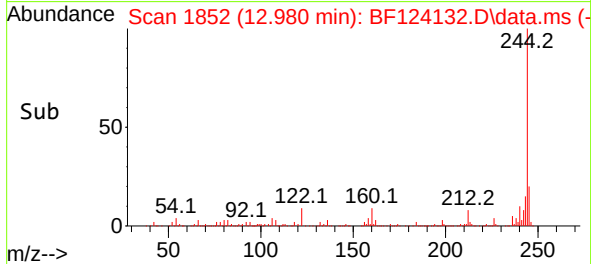




#79  
Terphenyl-d14  
Concen: 79.25 ng  
RT: 12.980 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



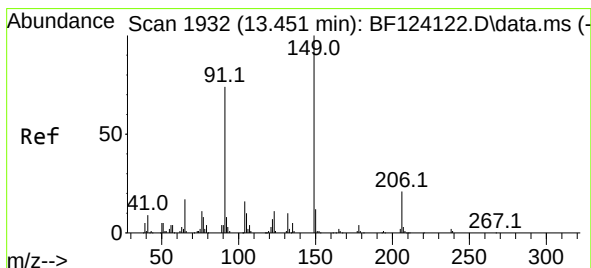
Tgt Ion:244 Resp: 785009  
Ion Ratio Lower Upper  
244 100  
212 8.2 5.7 8.5  
122 9.2 9.7 14.5#



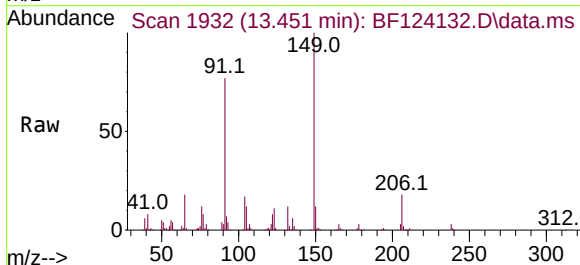
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

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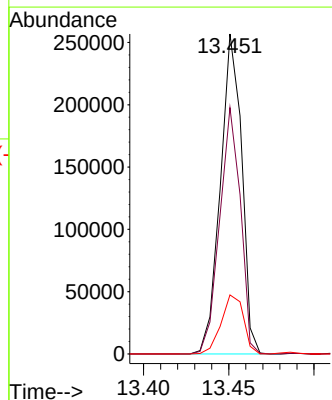
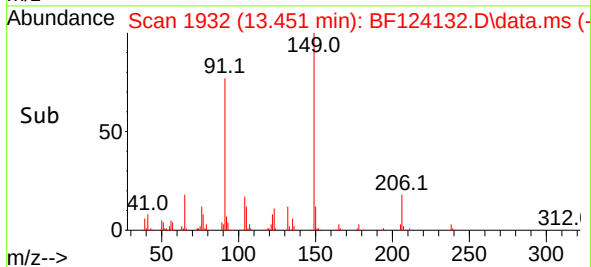
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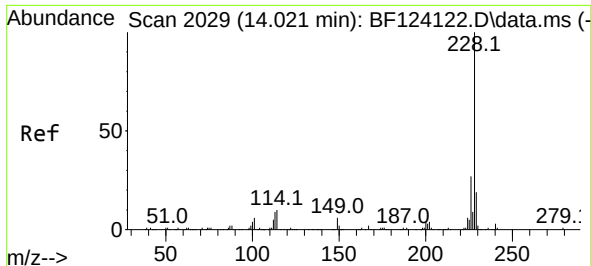


#80  
Butylbenzylphthalate  
Concen: 42.19 ng  
RT: 13.451 min Scan# 1932  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



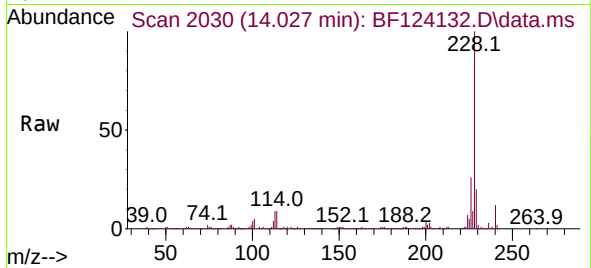
Tgt Ion:149 Resp: 223515  
Ion Ratio Lower Upper  
149 100  
91 77.0 63.6 95.4  
206 18.4 14.5 21.7





#81  
Benzo(a)anthracene  
Concen: 38.79 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

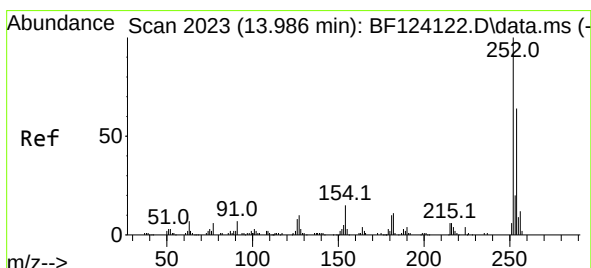
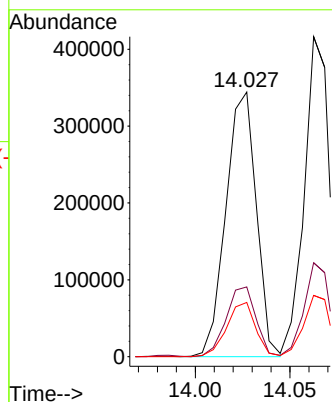
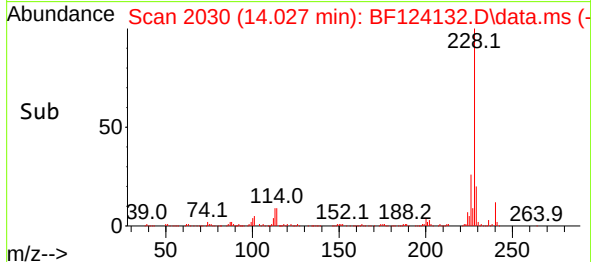
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS



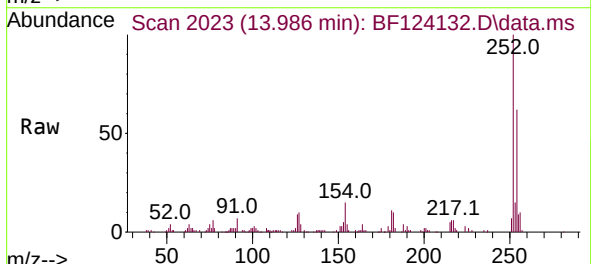
Tgt Ion:228 Resp: 384301  
Ion Ratio Lower Upper  
228 100  
226 26.4 22.4 33.6  
229 20.5 16.0 24.0

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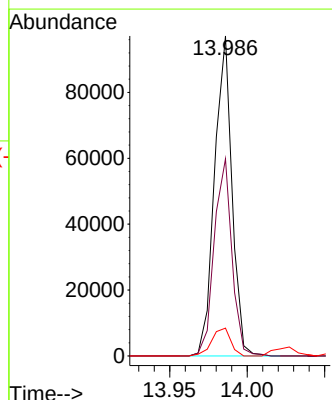
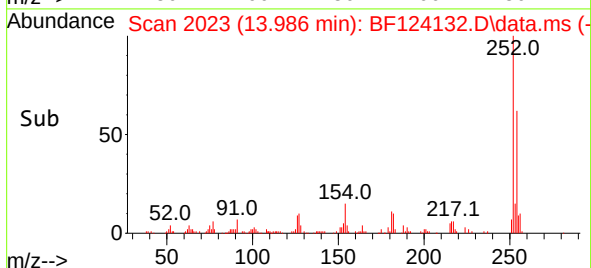
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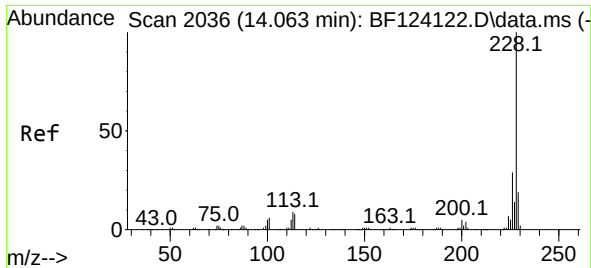


#82  
3,3'-Dichlorobenzidine  
Concen: 26.14 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

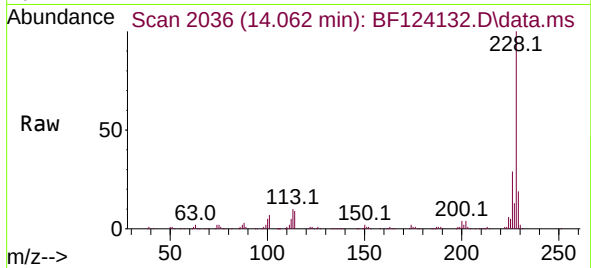


Tgt Ion:252 Resp: 75972  
Ion Ratio Lower Upper  
252 100  
254 61.6 51.1 76.7  
126 8.7 7.7 11.5

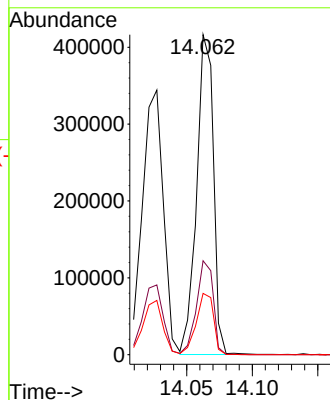
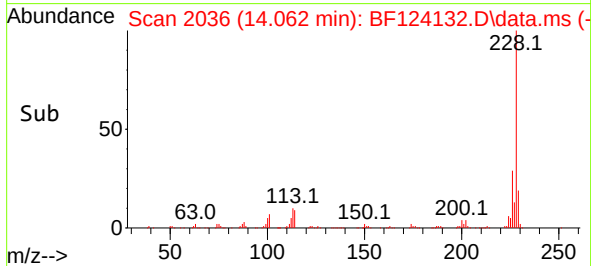




#83  
Chrysene  
Concen: 38.81 ng  
RT: 14.062 min Scan# 2036  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



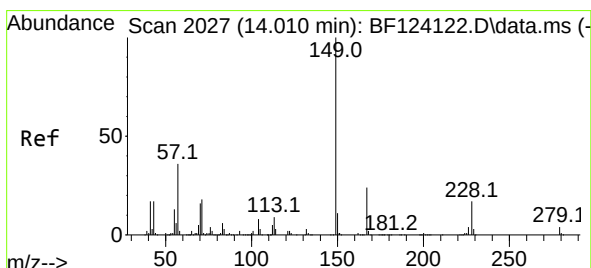
Tgt Ion:228 Resp: 370917  
Ion Ratio Lower Upper  
228 100  
226 29.4 24.3 36.5  
229 19.2 16.2 24.2



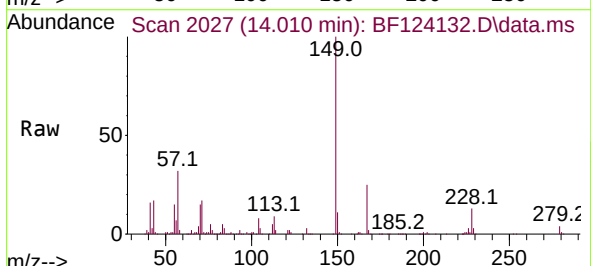
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

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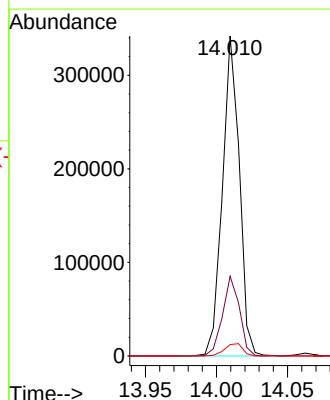
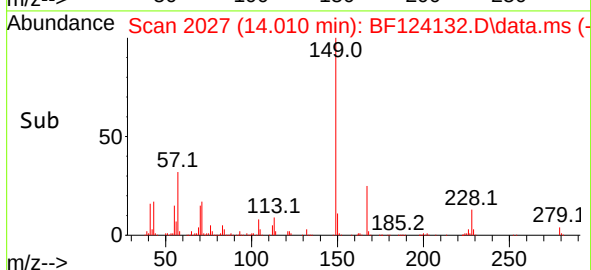
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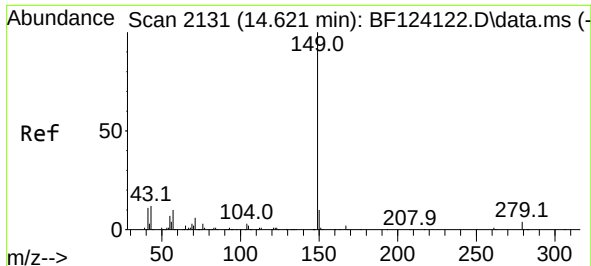


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.87 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



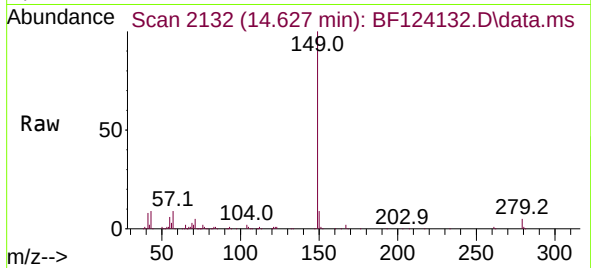
Tgt Ion:149 Resp: 282773  
Ion Ratio Lower Upper  
149 100  
167 24.9 21.8 32.6  
279 3.6 3.3 4.9





#85  
Di-n-octyl phthalate  
Concen: 44.45 ng  
RT: 14.627 min Scan# 2132  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

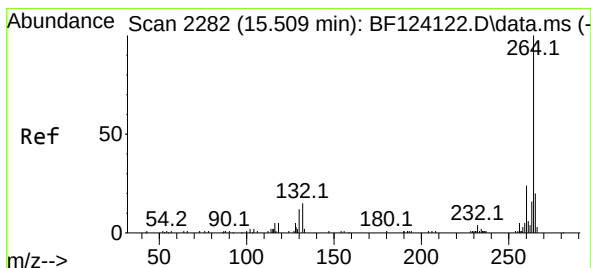
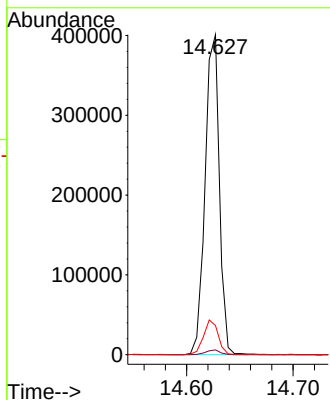
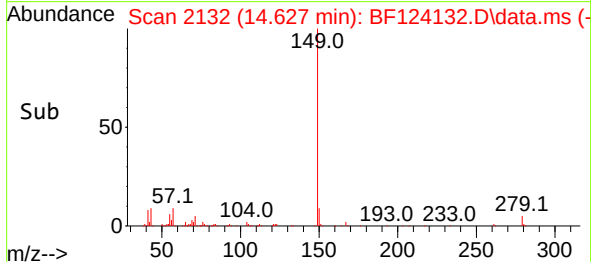
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS



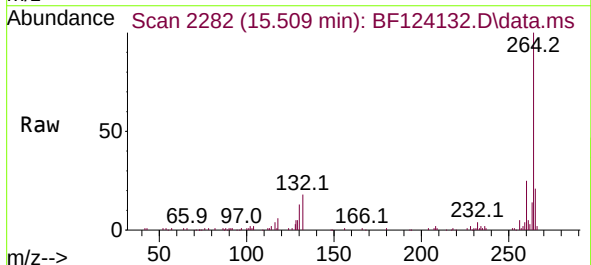
Tgt Ion:149 Resp: 373806  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 11.1 11.8 17.6#

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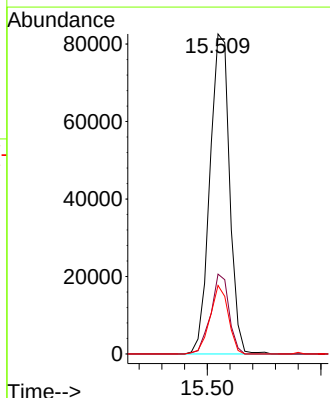
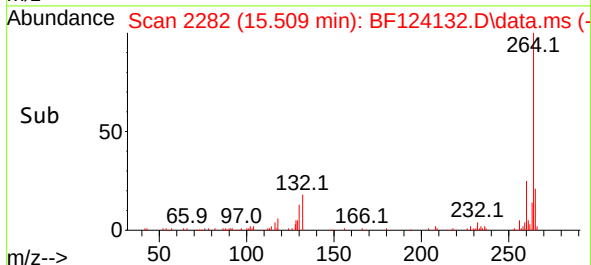
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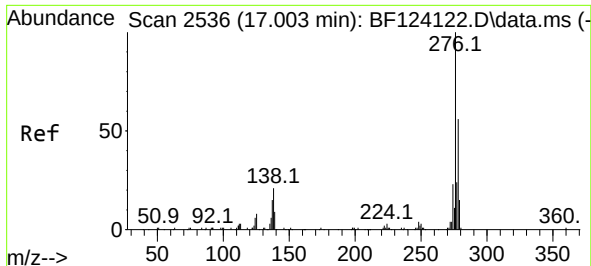


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.509 min Scan# 2282  
Delta R.T. 0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

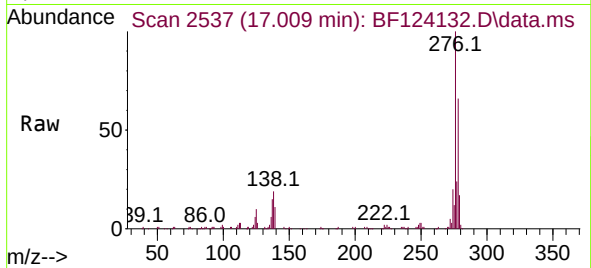


Tgt Ion:264 Resp: 99409  
Ion Ratio Lower Upper  
264 100  
260 25.0 18.7 28.1  
265 21.4 17.8 26.8

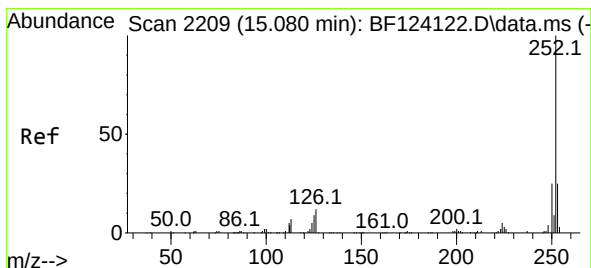
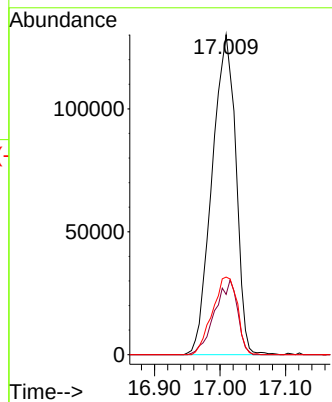
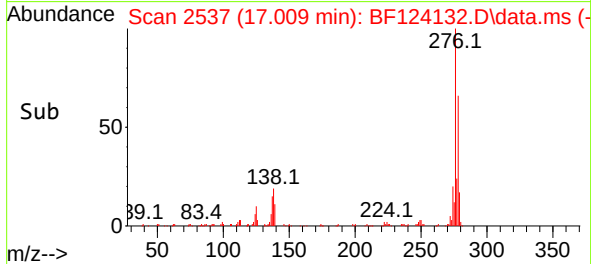




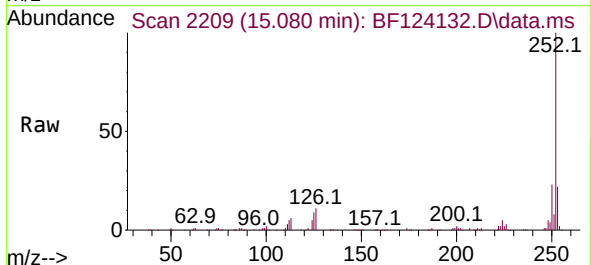
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.39 ng  
RT: 17.009 min Scan# 2537  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



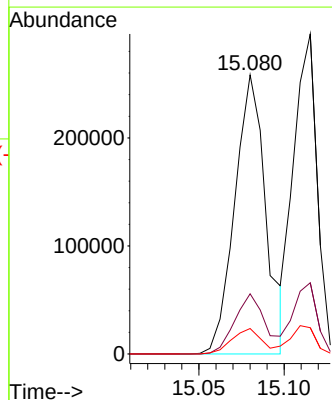
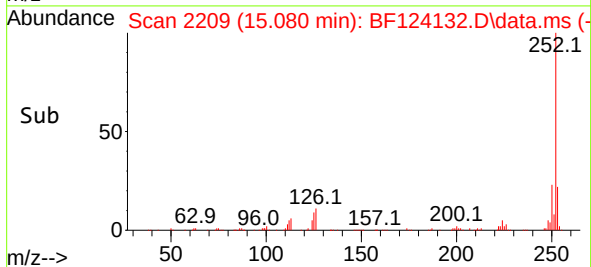
Tgt Ion:276 Resp: 327946  
Ion Ratio Lower Upper  
276 100  
138 22.3 16.2 24.2  
277 25.3 20.1 30.1



#88  
Benzo(b)fluoranthene  
Concen: 42.44 ng  
RT: 15.080 min Scan# 2209  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



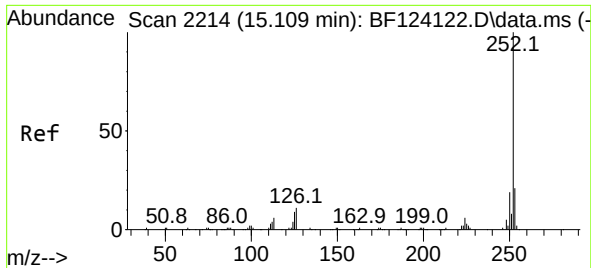
Tgt Ion:252 Resp: 327702  
Ion Ratio Lower Upper  
252 100  
253 21.5 18.1 27.1  
125 9.1 6.2 9.4



Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

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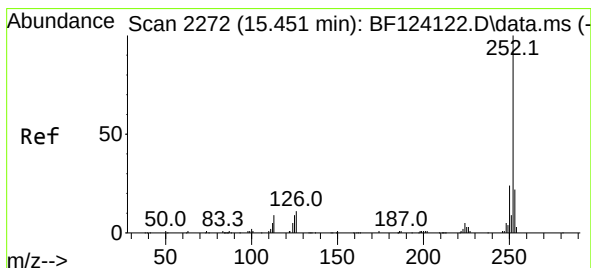
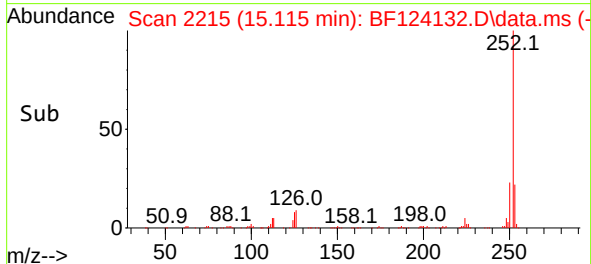
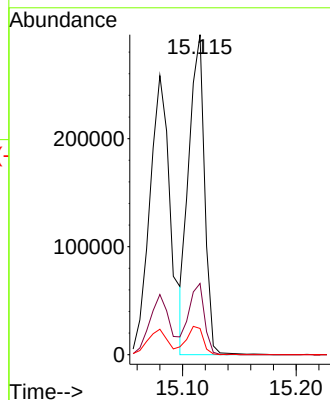
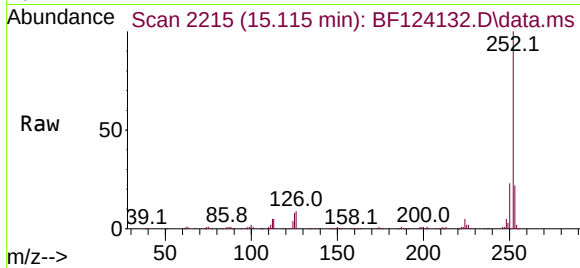
#89  
Benzo(k)fluoranthene  
Concen: 38.98 ng  
RT: 15.115 min Scan# 2215  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:252 Resp: 284930  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.9 26.9  
125 8.2 7.0 10.6

Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS

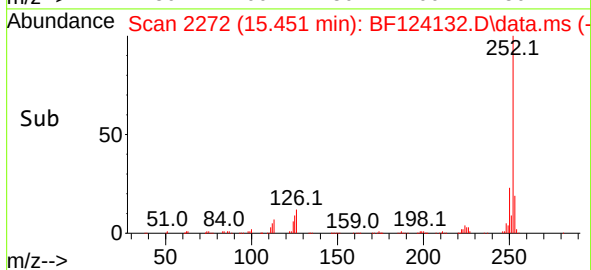
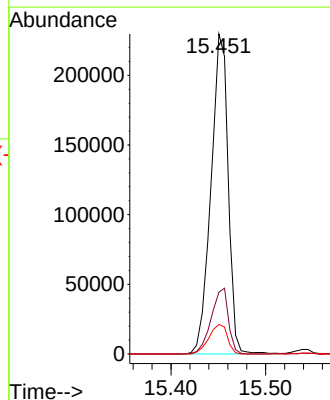
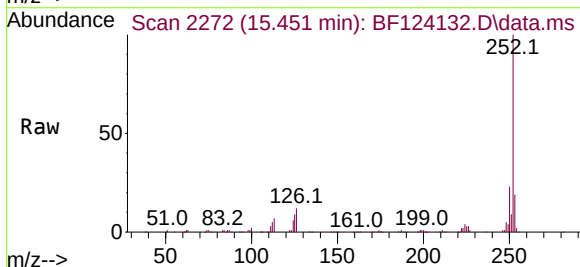
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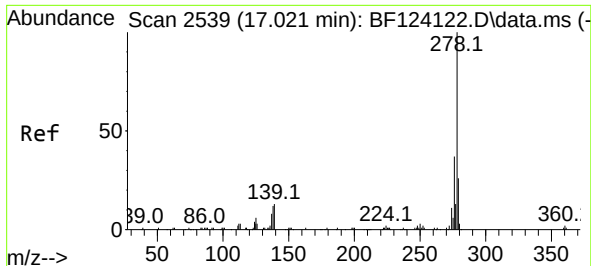


#90  
Benzo(a)pyrene  
Concen: 43.18 ng  
RT: 15.451 min Scan# 2272  
Delta R.T. -0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

Tgt Ion:252 Resp: 289601  
Ion Ratio Lower Upper  
252 100  
253 19.3 18.4 27.6  
125 9.2 8.0 12.0

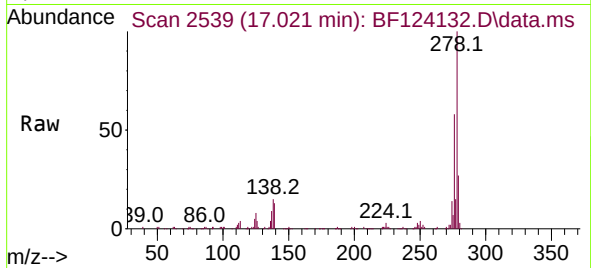






#91  
Dibenzo(a,h)anthracene  
Concen: 39.81 ng  
RT: 17.021 min Scan# 2539  
Delta R.T. 0.000 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53

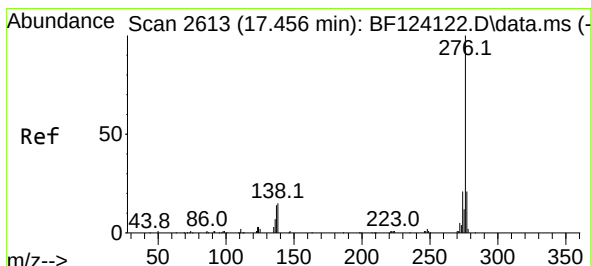
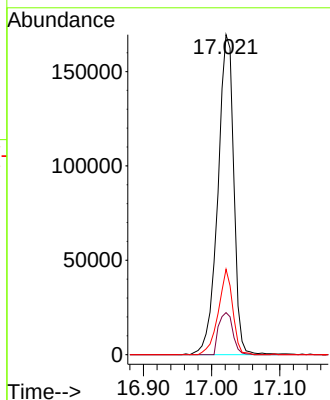
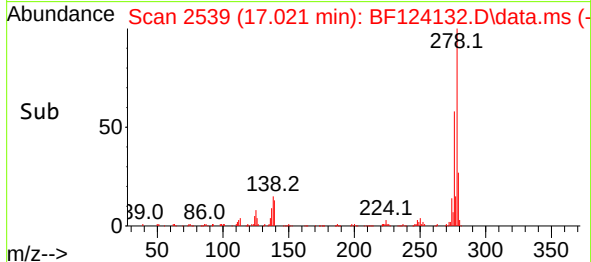
Instrument :  
BNA\_F  
ClientSampleId :  
PB136793BS



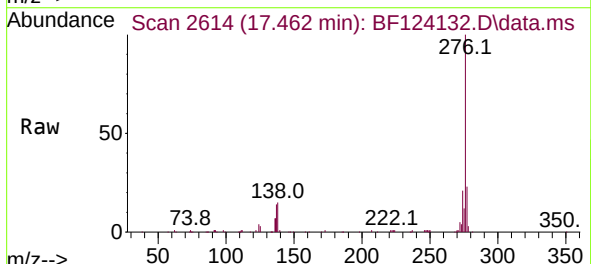
Tgt Ion:278 Resp: 275559  
Ion Ratio Lower Upper  
278 100  
139 13.1 10.2 15.2  
279 26.7 19.4 29.0

Manual Integrations  
APPROVED

mohammad  
6/7/2021 12:24:10 PM



#92  
Benzo(g,h,i)perylene  
Concen: 40.12 ng  
RT: 17.462 min Scan# 2614  
Delta R.T. 0.006 min  
Lab File: BF124132.D  
Acq: 4 Jun 2021 10:53



Tgt Ion:276 Resp: 274857  
Ion Ratio Lower Upper  
276 100  
277 22.5 18.2 27.2  
138 15.3 13.8 20.6

