

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062821\  
 Data File : BF124473.D  
 Acq On : 28 Jun 2021 17:26  
 Operator : JU/CG  
 Sample : M2824-03MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ABN-1MS

Manual Integrations  
 APPROVED

mohammad  
 6/29/2021 2:28:45 PM

Quant Time: Jun 29 05:10:56 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 28 16:01:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.692  | 152  | 38029    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 7.975  | 136  | 141049   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 9.727  | 164  | 84046    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.216 | 188  | 160460   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.863 | 240  | 107131   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.286 | 264  | 79877    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.334  | 112  | 296166   | 122.479 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.357  | 99   | 329453   | 104.347 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.269  | 82   | 294264   | 86.502  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.527 | 330  | 138607   | 138.037 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.057  | 172  | 571307   | 83.269  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.804 | 244  | 669944   | 93.664  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.504  | 88   | 41752    | 40.154  | ng    | # 70     |
| 3) Pyridine                   | 3.204  | 79   | 68495    | 30.040  | ng    | # 72     |
| 4) n-Nitrosodimethylamine     | 3.122  | 42   | 55288    | 44.945  | ng    | # 93     |
| 6) Aniline                    | 6.369  | 93   | 51589    | 14.626  | ng    | # 1      |
| 8) 2-Chlorophenol             | 6.487  | 128  | 121060   | 45.048  | ng    | 92       |
| 9) Benzaldehyde               | 6.251  | 77   | 53892    | 36.668  | ng    | 95       |
| 10) Phenol                    | 6.369  | 94   | 124249   | 36.395  | ng    | 85       |
| 11) bis(2-Chloroethyl)ether   | 6.434  | 93   | 127675   | 51.712  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 6.634  | 146  | 148899m  | 45.618  | ng    |          |
| 13) 1,4-Dichlorobenzene       | 6.710  | 146  | 155381   | 46.947  | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 6.863  | 146  | 144008   | 46.203  | ng    | 94       |
| 15) Benzyl Alcohol            | 6.851  | 79   | 118136   | 43.621  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 6.975  | 45   | 140043   | 44.215  | ng    | # 1      |
| 17) 2-Methylphenol            | 6.969  | 107  | 95976    | 44.631  | ng    | # 80     |
| 18) Hexachloroethane          | 7.198  | 117  | 58516    | 48.529  | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 7.122  | 70   | 98566    | 46.421  | ng    | # 79     |
| 20) 3+4-Methylphenols         | 7.128  | 107  | 123857   | 44.125  | ng    | # 72     |
| 22) Acetophenone              | 7.110  | 105  | 187554   | 47.767  | ng    | # 88     |
| 24) Nitrobenzene              | 7.286  | 77   | 150447   | 44.269  | ng    | 94       |
| 25) Isophorone                | 7.522  | 82   | 253866   | 43.406  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.598  | 139  | 73678    | 44.570  | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 7.645  | 122  | 109456   | 49.677  | ng    | 89       |
| 28) bis(2-Chloroethoxy)met... | 7.733  | 93   | 151493   | 51.102  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 7.851  | 162  | 120137   | 45.932  | ng    | 88       |
| 30) 1,2,4-Trichlorobenzene    | 7.916  | 180  | 134235   | 45.254  | ng    | 99       |
| 31) Naphthalene               | 7.998  | 128  | 426375   | 51.380  | ng    | 99       |
| 32) Benzoic acid              | 7.798  | 122  | 41926    | 34.898  | ng    | 96       |
| 33) 4-Chloroaniline           | 8.069  | 127  | 13309m   | 4.270   | ng    |          |
| 34) Hexachlorobutadiene       | 8.110  | 225  | 85681    | 43.205  | ng    | 96       |
| 35) Caprolactam               | 8.439  | 113  | 25555m   | 37.284  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 8.557  | 107  | 117271   | 44.391  | ng    | # 84     |
| 37) 2-Methylnaphthalene       | 8.692  | 142  | 281811   | 47.990  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 8.786  | 142  | 257583   | 47.159  | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 8.857  | 216  | 141470   | 46.837  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 8.839  | 237  | 77271    | 329.700 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 8.980  | 196  | 83072    | 43.827  | ng    | 96       |

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Manual Integrations  
 APPROVED

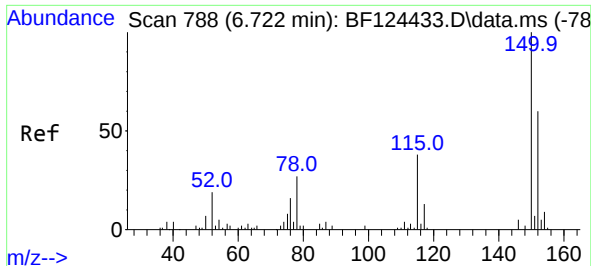
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062321.M  
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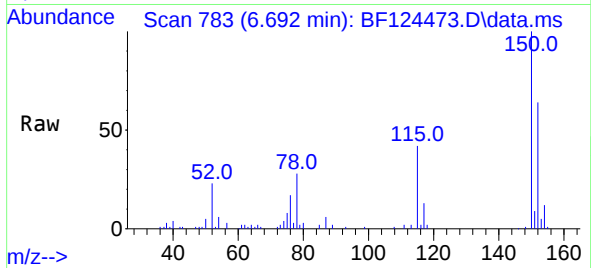
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.028  | 196  | 92468    | 46.234  | ng    | # 89     |
| 46) 1,1'-Biphenyl             | 9.157  | 154  | 343482   | 48.084  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.180  | 162  | 265995   | 45.523  | ng    | 95       |
| 48) 2-Nitroaniline            | 9.286  | 65   | 88283    | 45.929  | ng    | 96       |
| 49) Acenaphthylene            | 9.592  | 152  | 387833   | 45.919  | ng    | 95       |
| 50) Dimethylphthalate         | 9.463  | 163  | 321837   | 48.569  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.527  | 165  | 69632    | 45.491  | ng    | 90       |
| 52) Acenaphthene              | 9.763  | 154  | 247488   | 46.147  | ng    | 95       |
| 53) 3-Nitroaniline            | 9.698  | 138  | 30954    | 22.845  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 9.822  | 184  | 44159    | 72.099  | ng    | # 81     |
| 55) Dibenzofuran              | 9.939  | 168  | 391592   | 45.812  | ng    | 97       |
| 56) 4-Nitrophenol             | 9.892  | 139  | 62747    | 88.277  | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 9.939  | 165  | 97516    | 48.063  | ng    | # 89     |
| 58) Fluorene                  | 10.280 | 166  | 307433   | 46.808  | ng    | 91       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.063 | 232  | 70083    | 47.914  | ng    | # 96     |
| 60) Diethylphthalate          | 10.163 | 149  | 317995   | 48.228  | ng    | 95       |
| 61) 4-Chlorophenyl-phenyle... | 10.275 | 204  | 155037   | 47.632  | ng    | 90       |
| 62) 4-Nitroaniline            | 10.322 | 138  | 59008    | 45.264  | ng    | 89       |
| 63) Azobenzene                | 10.433 | 77   | 295009   | 44.948  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 10.351 | 198  | 39359    | 34.220  | ng    | # 68     |
| 66) n-Nitrosodiphenylamine    | 10.398 | 169  | 267675   | 43.484  | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 10.763 | 248  | 90592    | 41.966  | ng    | 95       |
| 68) Hexachlorobenzene         | 10.827 | 284  | 105422   | 44.949  | ng    | 93       |
| 69) Atrazine                  | 10.927 | 200  | 91307    | 57.494  | ng    | 96       |
| 70) Pentachlorophenol         | 11.033 | 266  | 69963    | 118.926 | ng    | 92       |
| 71) Phenanthrene              | 11.245 | 178  | 449748   | 44.463  | ng    | 99       |
| 72) Anthracene                | 11.292 | 178  | 470531   | 46.687  | ng    | 99       |
| 73) Carbazole                 | 11.457 | 167  | 383555   | 43.667  | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.780 | 149  | 518793   | 49.600  | ng    | 99       |
| 75) Fluoranthene              | 12.433 | 202  | 467227   | 45.901  | ng    | 97       |
| 77) Benzidine                 | 12.557 | 184  | 35910m   | 16.725  | ng    |          |
| 78) Pyrene                    | 12.657 | 202  | 472289   | 48.296  | ng    | 97       |
| 80) Butylbenzylphthalate      | 13.274 | 149  | 190180   | 48.976  | ng    | 99       |
| 81) Benzo(a)anthracene        | 13.851 | 228  | 344943   | 44.660  | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine    | 13.810 | 252  | 46549    | 18.810  | ng    | 92       |
| 83) Chrysene                  | 13.886 | 228  | 332825   | 43.482  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 13.839 | 149  | 256995   | 49.396  | ng    | # 94     |
| 85) Di-n-octyl phthalate      | 14.445 | 149  | 325018   | 40.112  | ng    | # 88     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.686 | 276  | 312843   | 49.664  | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 14.880 | 252  | 259494   | 42.871  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 14.910 | 252  | 259234   | 46.813  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.227 | 252  | 255730   | 47.544  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.692 | 278  | 262914   | 48.455  | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 17.103 | 276  | 261372   | 48.954  | ng    | 95       |

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

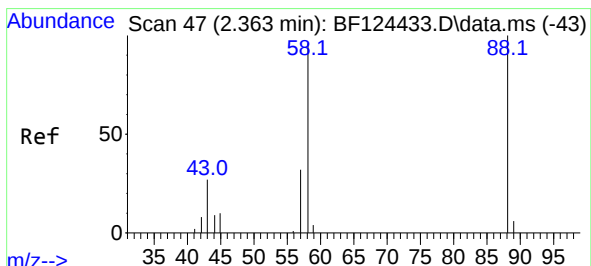
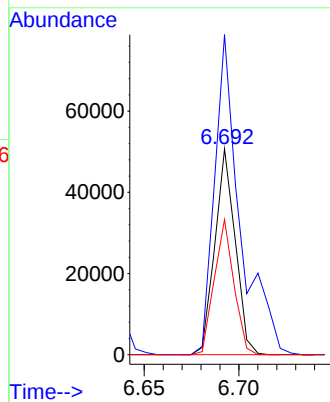
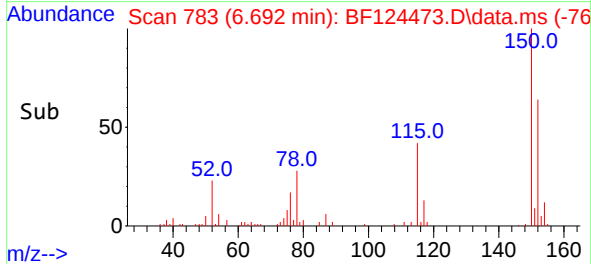




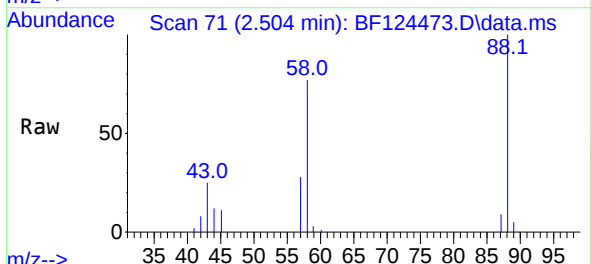
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.692 min Scan# 783  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



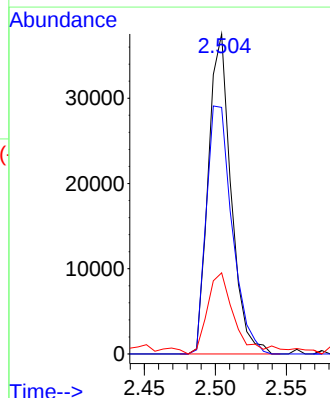
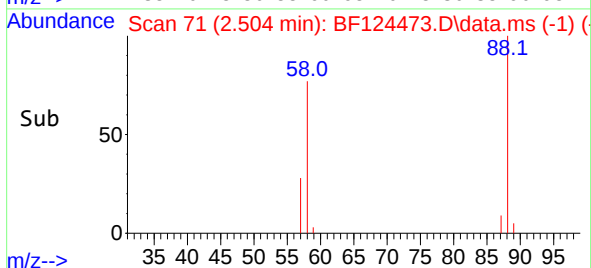
Tgt Ion:152 Resp: 38029  
Ion Ratio Lower Upper  
152 100  
150 155.5 127.0 190.6  
115 65.7 54.3 81.5



#2  
1,4-Dioxane  
Concen: 40.154 ng  
RT: 2.504 min Scan# 71  
Delta R.T. 0.165 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



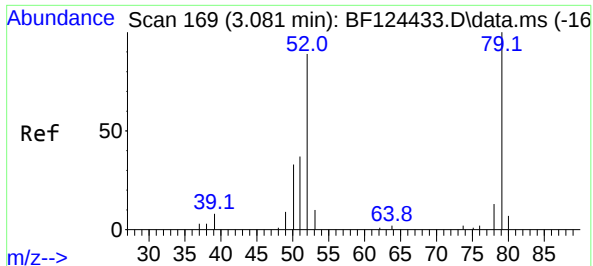
Tgt Ion: 88 Resp: 41752  
Ion Ratio Lower Upper  
88 100  
58 88.0 83.8 125.8  
43 0.0 32.2 48.4#



Instrument :  
BNA\_F  
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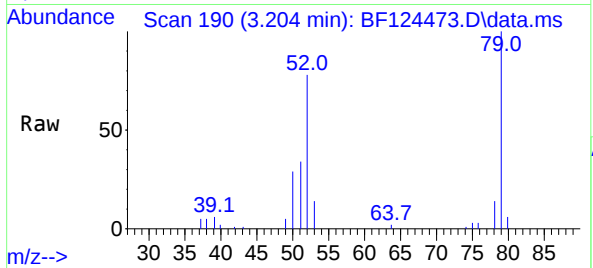
Manual Integrations  
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#3  
Pyridine  
Concen: 30.040 ng  
RT: 3.204 min Scan# 190  
Delta R.T. 0.147 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

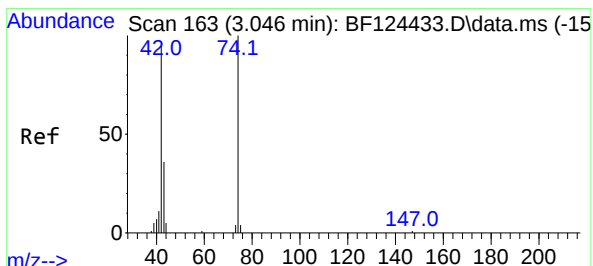
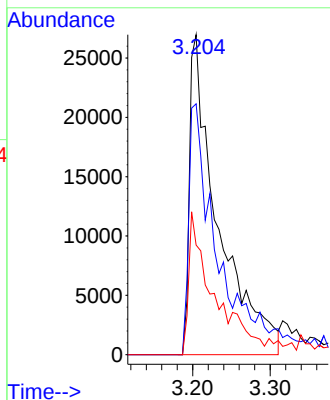
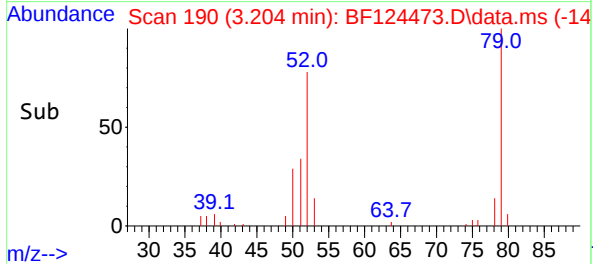
Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS



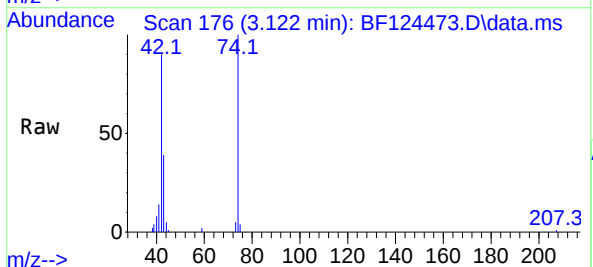
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Ion Ratio Lower Upper  
79 100  
52 78.4 87.4 131.0#  
51 34.2 41.4 62.0#

Manual Integrations  
APPROVED

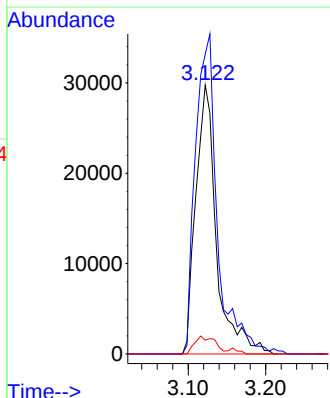
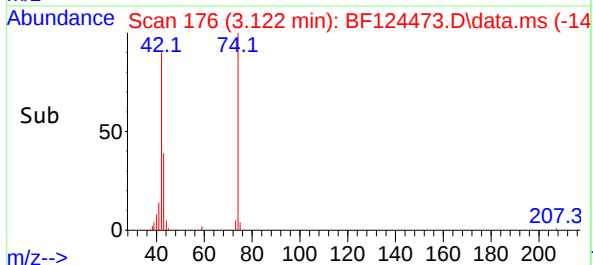
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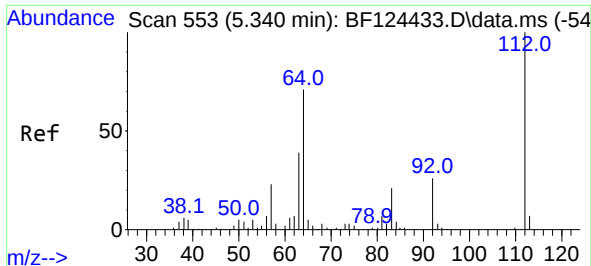


#4  
n-Nitrosodimethylamine  
Concen: 44.945 ng  
RT: 3.122 min Scan# 176  
Delta R.T. 0.106 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



Tgt Ion: 42 Resp: 55288  
Ion Ratio Lower Upper  
42 100  
74 111.5 83.5 125.3  
44 5.1 5.7 8.5#





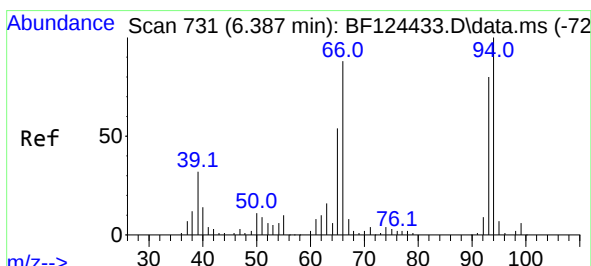
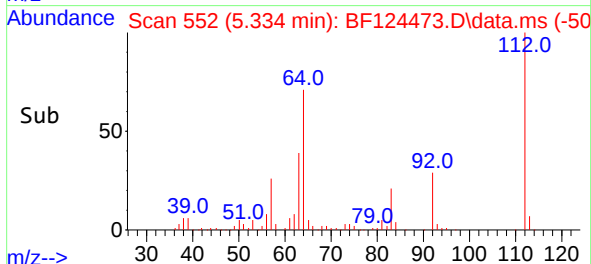
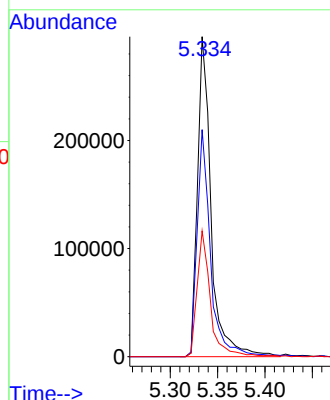
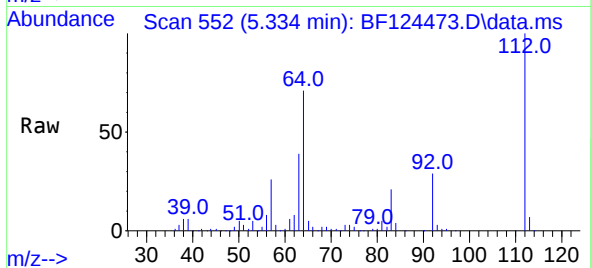
#5  
2-Fluorophenol  
Concen: 122.479 ng  
RT: 5.334 min Scan# 552  
Delta R.T. 0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion: 112 Resp: 296166  
Ion Ratio Lower Upper  
112 100  
64 70.9 61.4 92.0  
63 39.3 33.0 49.4

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ABN-1MS

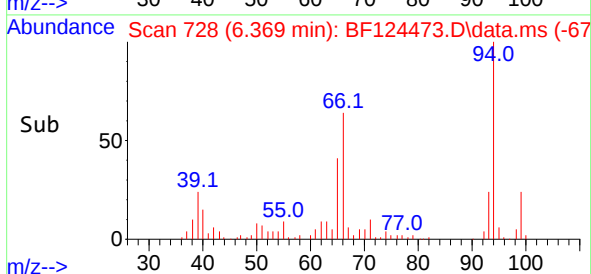
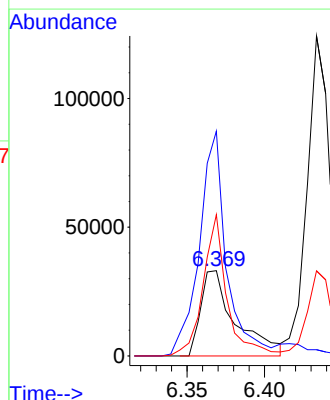
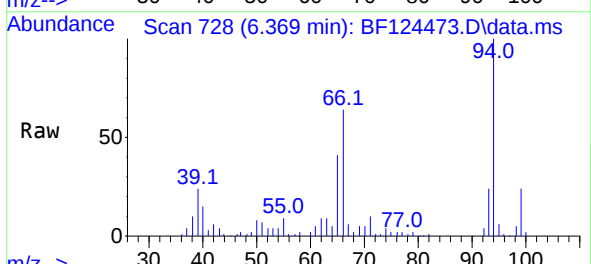
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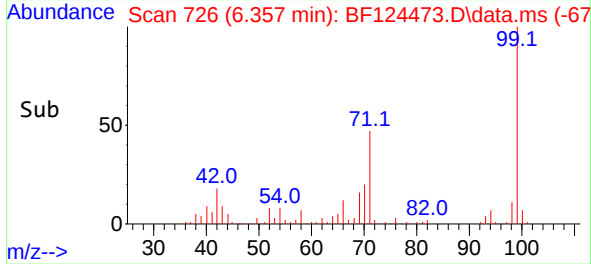
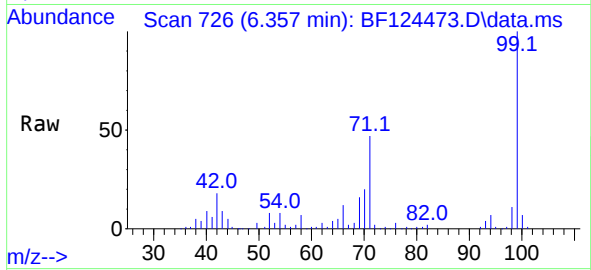
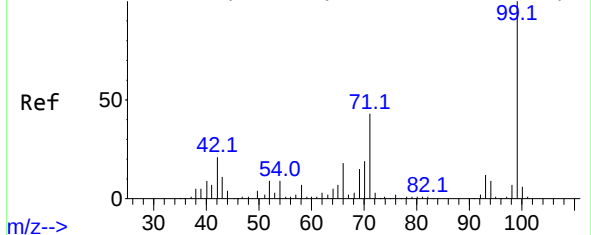


#6  
Aniline  
Concen: 14.626 ng  
RT: 6.369 min Scan# 728  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion: 93 Resp: 51589  
Ion Ratio Lower Upper  
93 100  
66 263.8 36.4 54.6#  
65 165.7 19.4 29.0#



Abundance Scan 729 (6.375 min): BF124433.D\data.ms (-72



#7

Phenol-d6

Concen: 104.347 ng

RT: 6.357 min Scan# 726

Delta R.T. -0.006 min

Lab File: BF124473.D

Acq: 28 Jun 2021 17:26

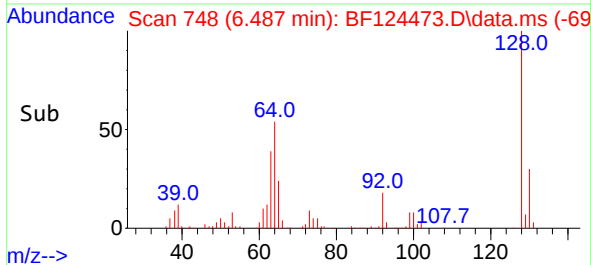
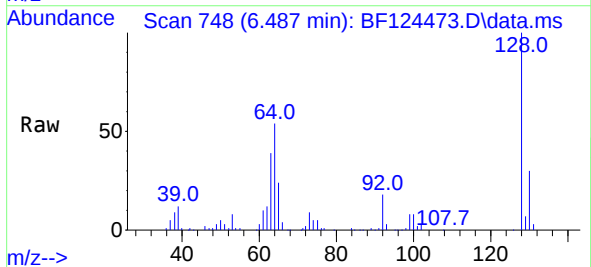
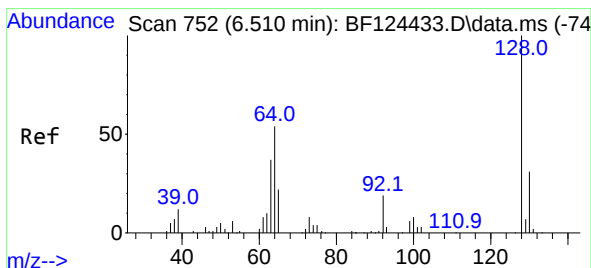
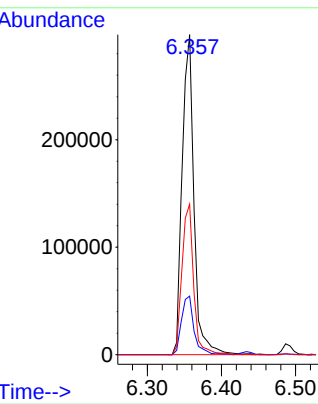
Tgt Ion: 99 Resp: 329453

Ion Ratio Lower Upper

99 100

42 18.3 19.8 29.8#

71 47.1 31.1 46.7#



#8

2-Chlorophenol

Concen: 45.048 ng

RT: 6.487 min Scan# 748

Delta R.T. -0.012 min

Lab File: BF124473.D

Acq: 28 Jun 2021 17:26

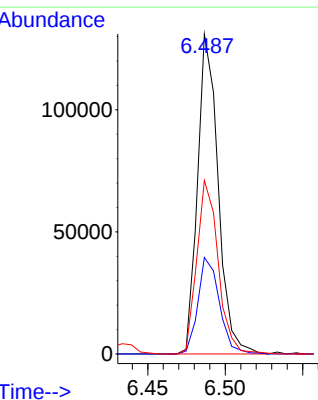
Tgt Ion: 128 Resp: 121060

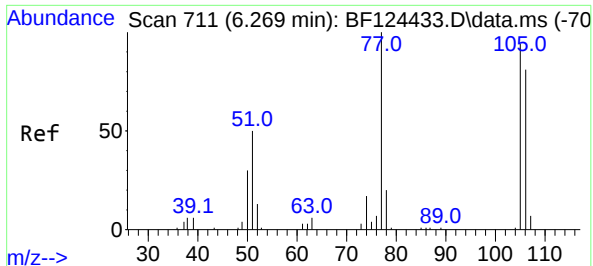
Ion Ratio Lower Upper

128 100

130 30.1 12.6 52.6

64 54.2 41.5 81.5





#9  
Benzaldehyde  
Concen: 36.668 ng  
RT: 6.251 min Scan# 708  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

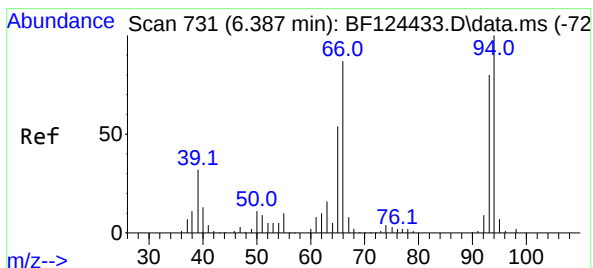
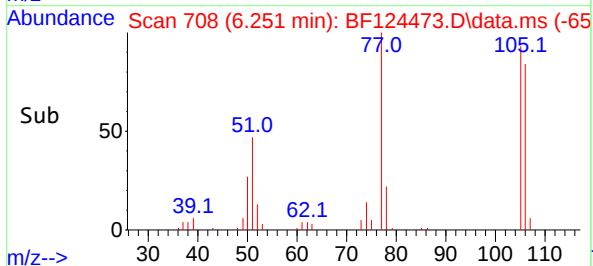
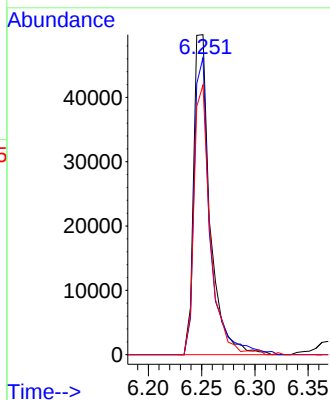
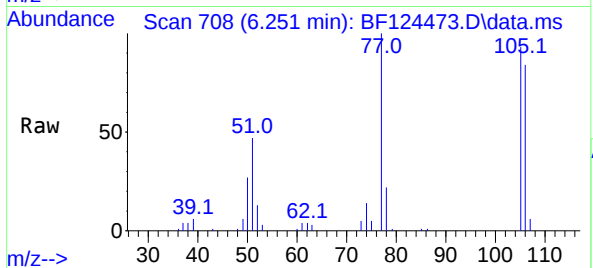
Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

Tgt Ion: 77 Resp: 53892

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 92.8  | 75.2  | 115.2 |
| 106 | 84.3  | 71.6  | 111.6 |

Manual Integrations  
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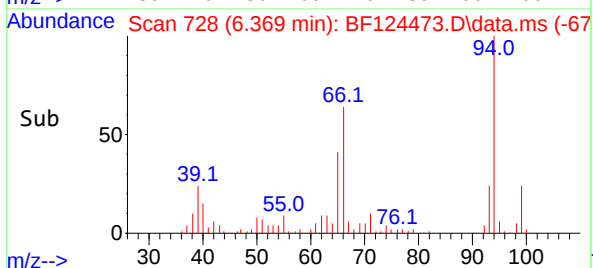
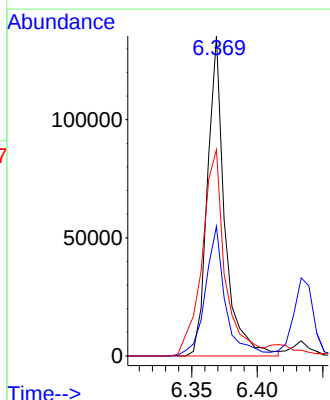
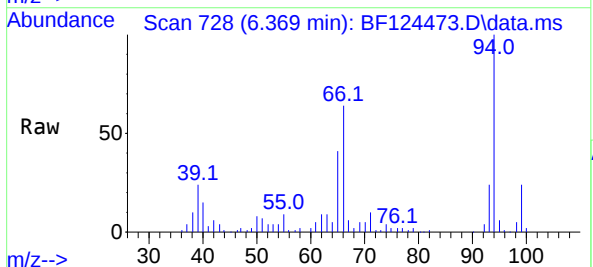
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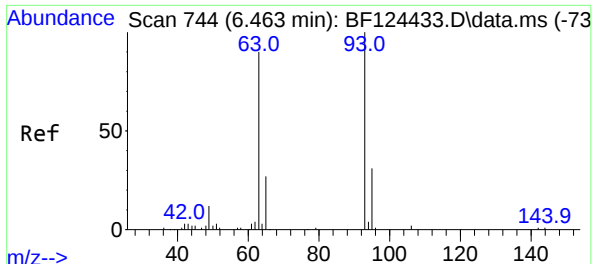


#10  
Phenol  
Concen: 36.395 ng  
RT: 6.369 min Scan# 728  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion: 94 Resp: 124249

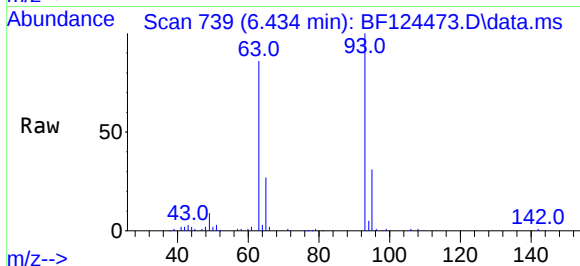
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 40.5  | 18.1  | 58.1  |
| 66  | 64.5  | 29.0  | 69.0  |





#11  
bis(2-Chloroethyl)ether  
Concen: 51.712 ng  
RT: 6.434 min Scan# 739  
Delta R.T. -0.018 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

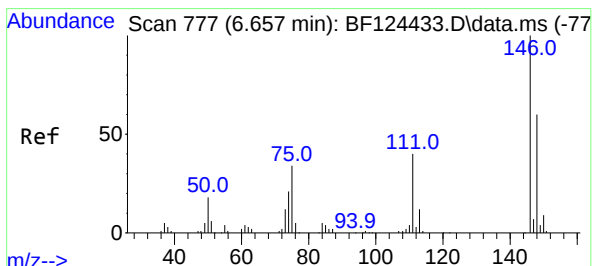
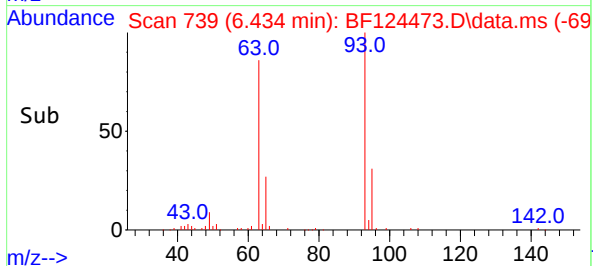
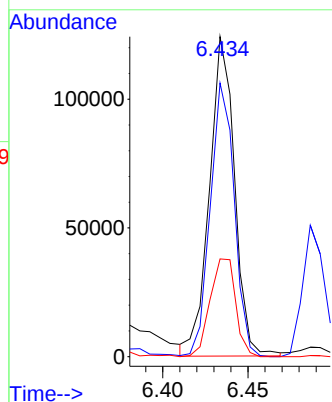
Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS



Tgt Ion: 93 Resp: 127675  
Ion Ratio Lower Upper  
93 100  
63 85.5 76.1 116.1  
95 30.5 11.5 51.5

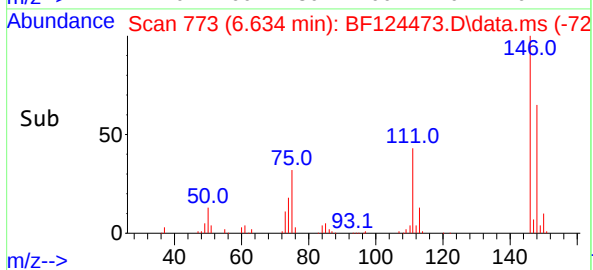
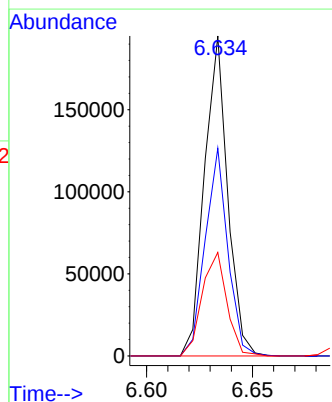
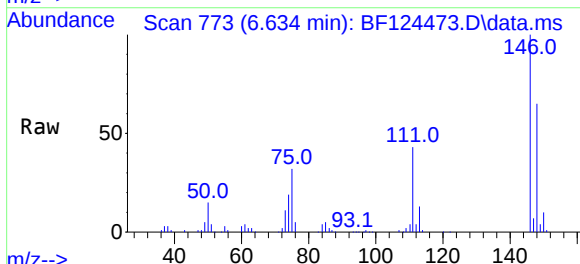
Manual Integrations  
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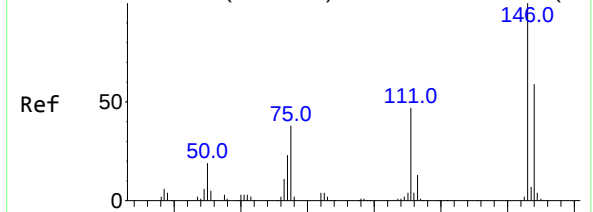


#12  
1,3-Dichlorobenzene  
Concen: 45.618 ng m  
RT: 6.634 min Scan# 773  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion: 146 Resp: 148899  
Ion Ratio Lower Upper  
146 100  
148 64.9 50.9 76.3  
75 32.3 34.2 51.4#

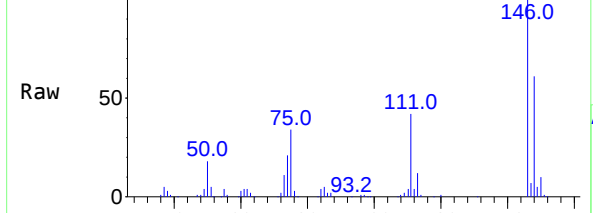


Abundance Scan 790 (6.734 min): BF124433.D\data.ms (-78



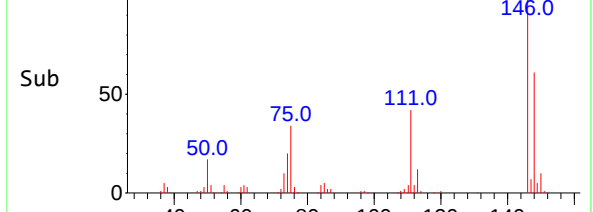
m/z-->

Abundance Scan 786 (6.710 min): BF124473.D\data.ms



m/z-->

Abundance Scan 786 (6.710 min): BF124473.D\data.ms (-73



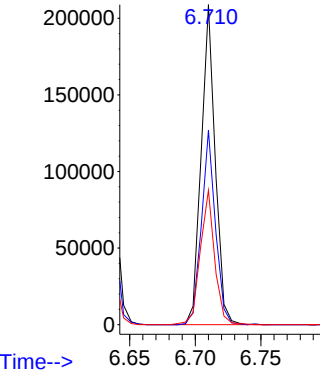
m/z-->

#13

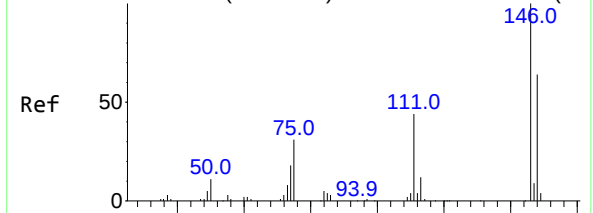
1,4-Dichlorobenzene  
Concen: 46.947 ng  
RT: 6.710 min Scan# 786  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 155381 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 60.8  | 49.9  | 74.9   |
| 111      | 42.0  | 39.5  | 59.3   |

Abundance

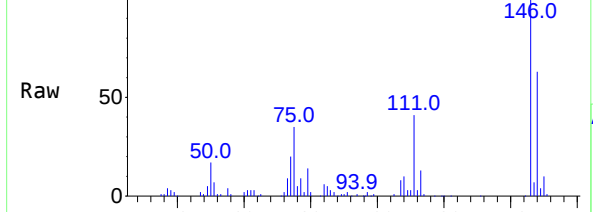


Abundance Scan 817 (6.892 min): BF124433.D\data.ms (-81



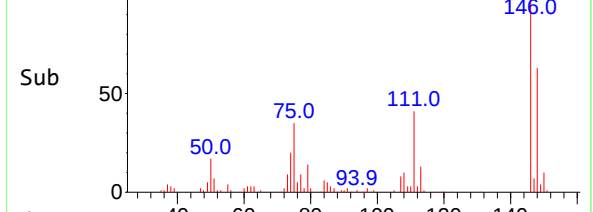
m/z-->

Abundance Scan 812 (6.863 min): BF124473.D\data.ms



m/z-->

Abundance Scan 812 (6.863 min): BF124473.D\data.ms (-76



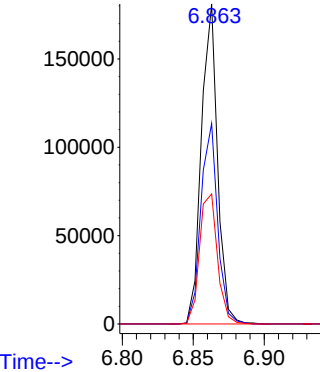
m/z-->

#14

1,2-Dichlorobenzene  
Concen: 46.203 ng  
RT: 6.863 min Scan# 812  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 144008 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 62.6  | 51.6  | 77.4   |
| 111      | 40.6  | 38.4  | 57.6   |

Abundance



Instrument :

BNA\_F

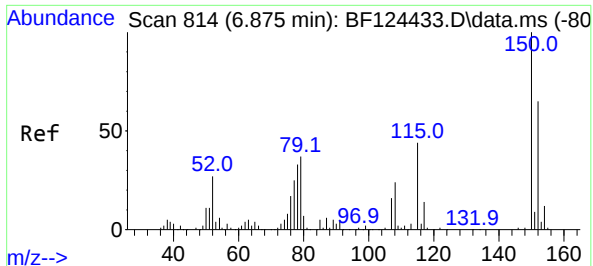
ClientSampled :

ABN-1MS

Manual Integrations

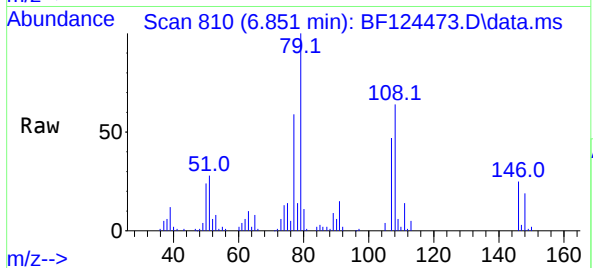
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#15  
Benzyl Alcohol  
Concen: 43.621 ng  
RT: 6.851 min Scan# 810  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

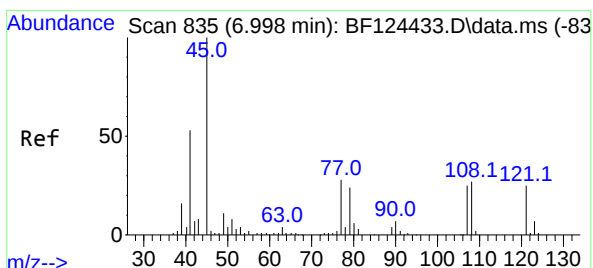
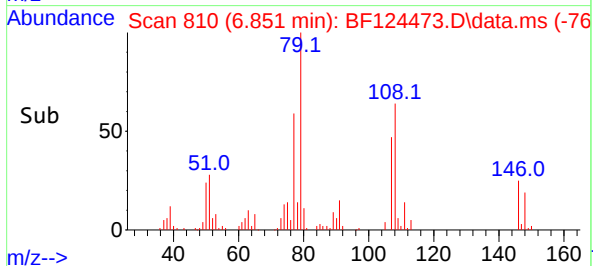
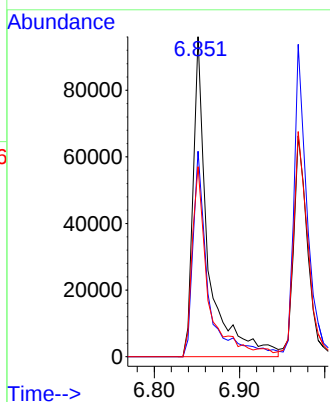
Instrument :  
BNA\_F  
ClientSampleID :  
ABN-1MS



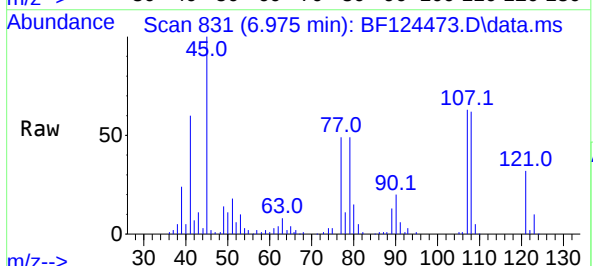
Tgt Ion: 79 Resp: 118136  
Ion Ratio Lower Upper  
79 100  
108 64.2 55.8 83.8  
77 59.4 49.9 74.9

Manual Integrations  
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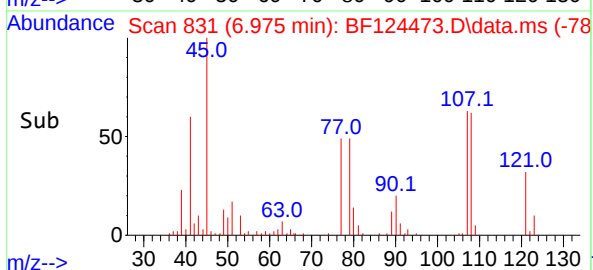
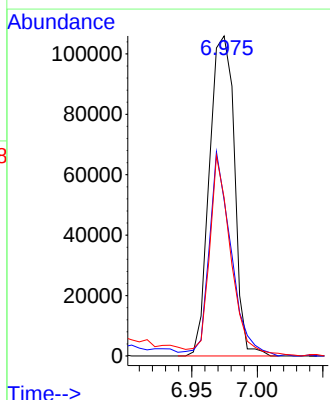
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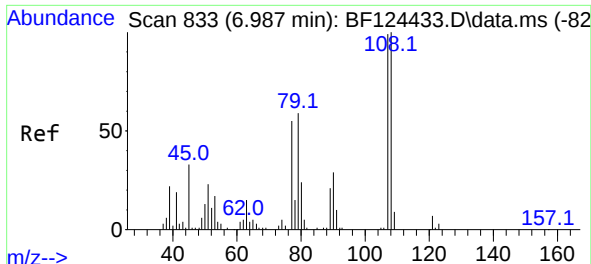


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.215 ng  
RT: 6.975 min Scan# 831  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



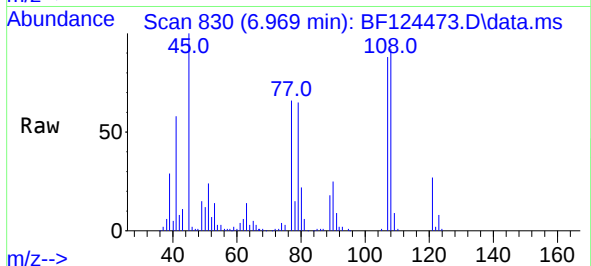
Tgt Ion: 45 Resp: 140043  
Ion Ratio Lower Upper  
45 100  
77 48.7 0.0 30.0#  
79 49.4 0.0 27.3#





#17  
2-Methylphenol  
Concen: 44.631 ng  
RT: 6.969 min Scan# 830  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

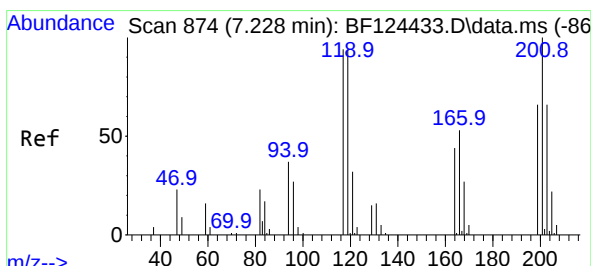
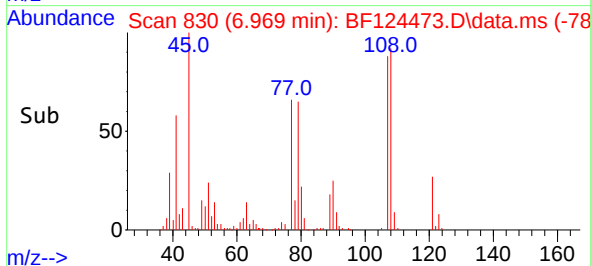
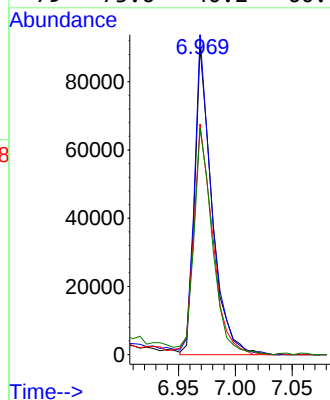
Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS



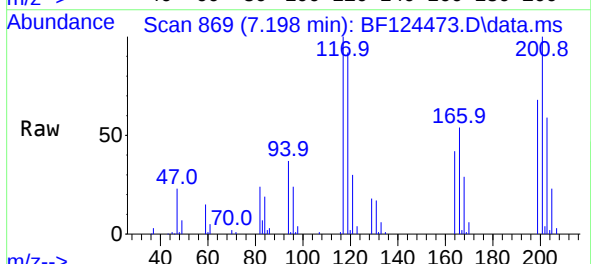
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 95976 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 104.0 | 89.8  | 134.8 |
| 77       | 75.0  | 40.9  | 61.3# |
| 79       | 73.6  | 40.2  | 60.4# |

Manual Integrations  
APPROVED

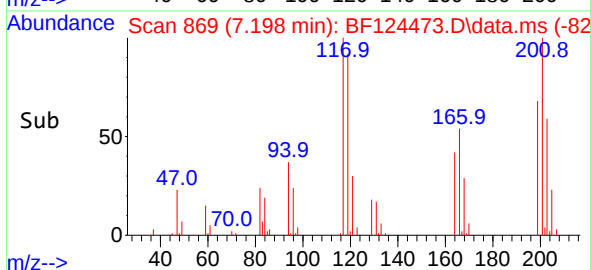
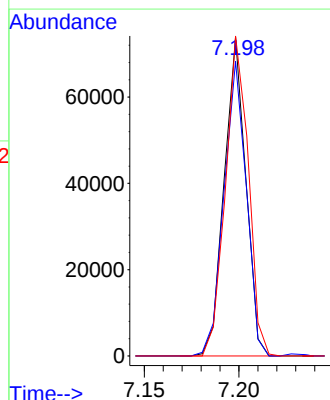
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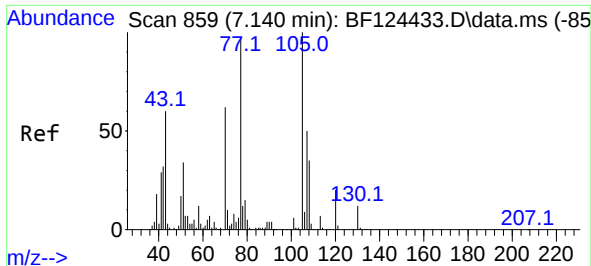


#18  
Hexachloroethane  
Concen: 48.529 ng  
RT: 7.198 min Scan# 869  
Delta R.T. -0.018 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



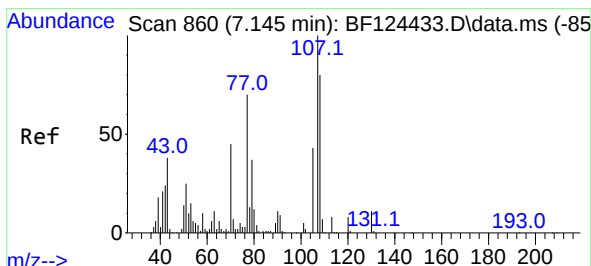
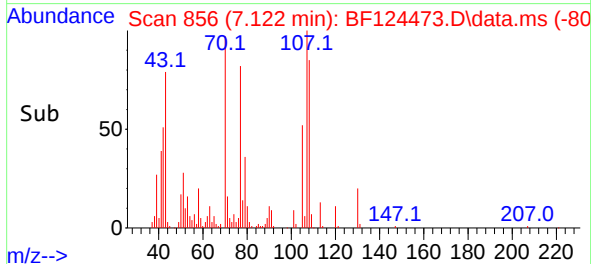
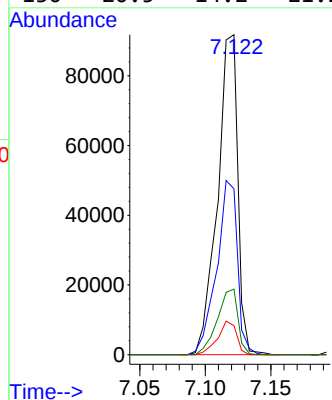
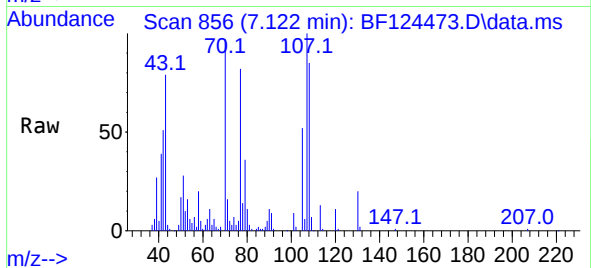
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 58516 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.4  | 77.8  | 116.8 |
| 201      | 100.3 | 67.8  | 101.8 |





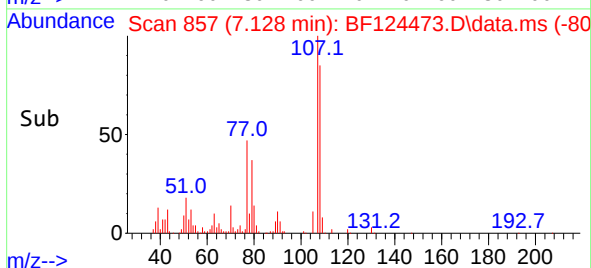
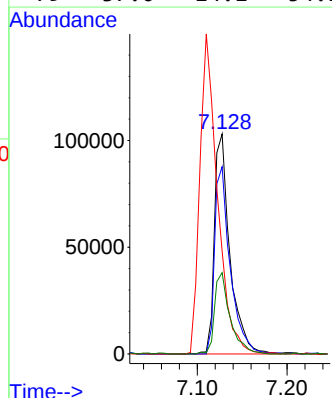
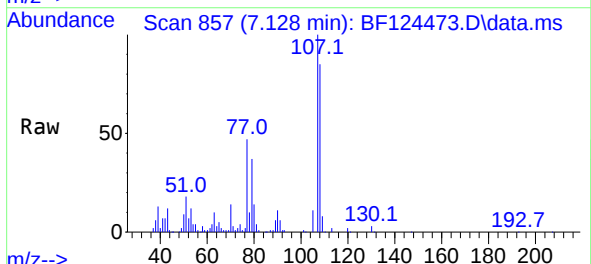
#19  
n-Nitroso-di-n-propylamine  
Concen: 46.421 ng  
RT: 7.122 min Scan# 856  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion: 70 Resp: 98566  
Ion Ratio Lower Upper  
70 100  
42 51.8 60.1 90.1#  
101 9.1 7.4 11.2  
130 20.5 14.2 21.2



#20  
3+4-Methylphenols  
Concen: 44.125 ng  
RT: 7.128 min Scan# 857  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

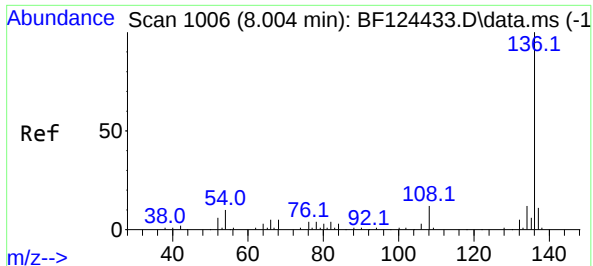
Tgt Ion: 107 Resp: 123857  
Ion Ratio Lower Upper  
107 100  
108 85.1 71.5 111.5  
77 46.8 82.0 122.0#  
79 37.0 14.1 54.1



Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

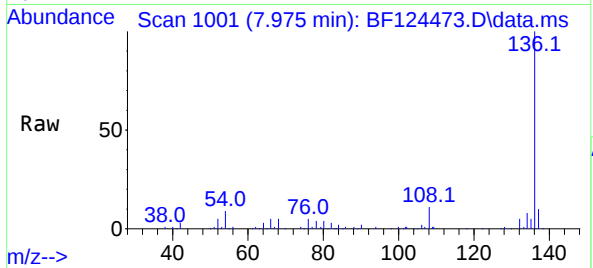
Manual Integrations  
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#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.975 min Scan# 1001  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

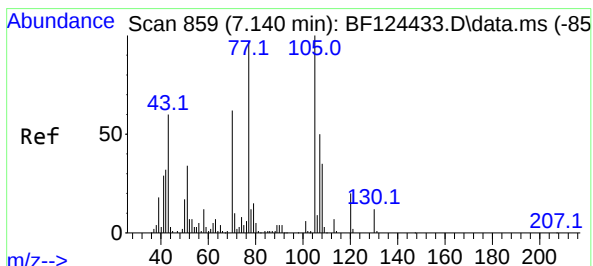
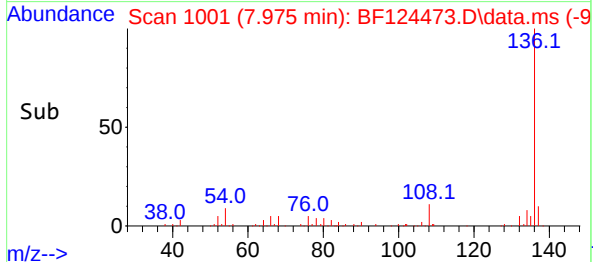
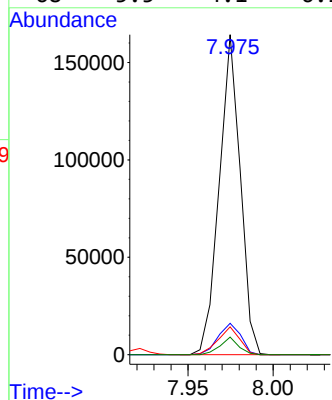
Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS



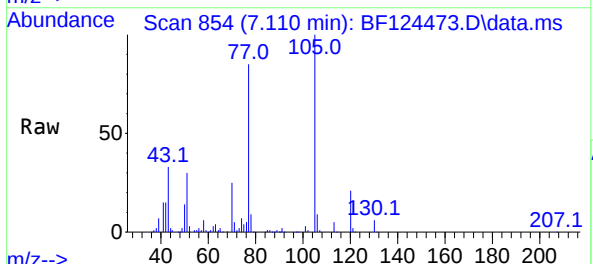
Tgt Ion:136 Resp: 141049  
Ion Ratio Lower Upper  
136 100  
137 9.8 8.7 13.1  
54 8.7 9.8 14.6#  
68 5.5 4.1 6.1

Manual Integrations  
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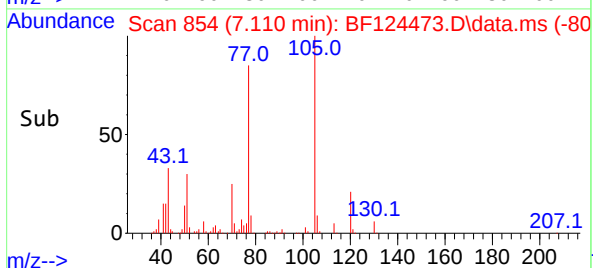
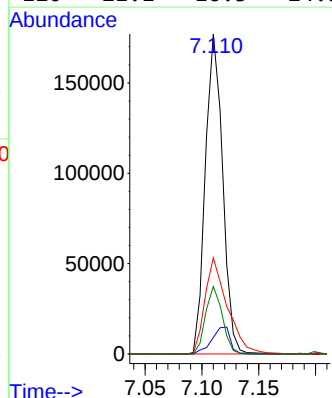
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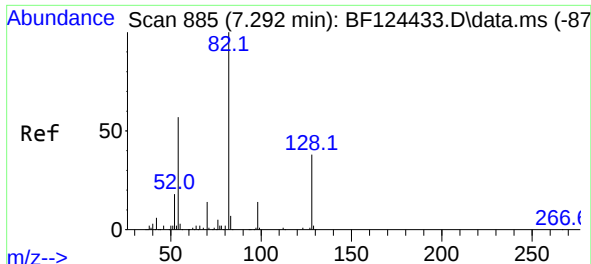


#22  
Acetophenone  
Concen: 47.767 ng  
RT: 7.110 min Scan# 854  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



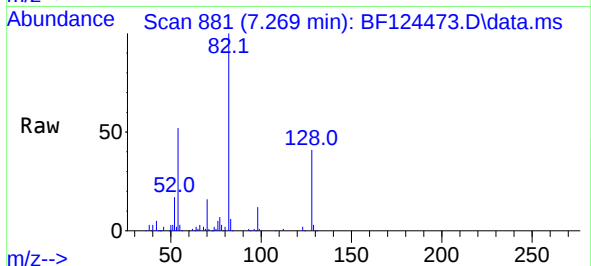
Tgt Ion:105 Resp: 187554  
Ion Ratio Lower Upper  
105 100  
71 5.1 4.2 6.4  
51 30.0 33.6 50.4#  
120 21.1 16.3 24.5





#23  
Nitrobenzene-d5  
Concen: 86.502 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

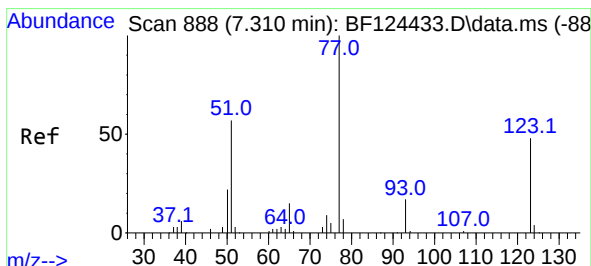
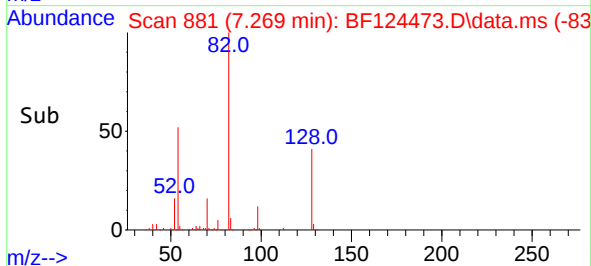
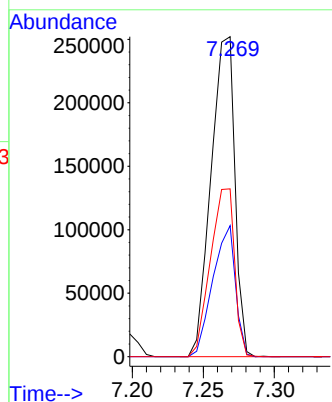
Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS



Tgt Ion: 82 Resp: 294264  
Ion Ratio Lower Upper  
82 100  
128 40.9 29.4 44.2  
54 52.4 54.1 81.1#

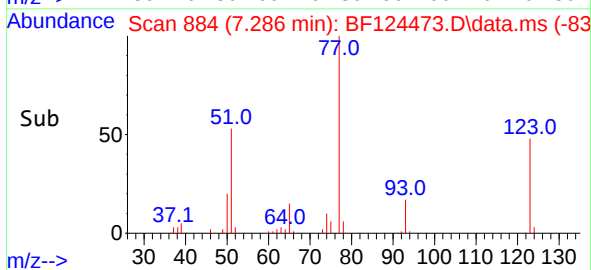
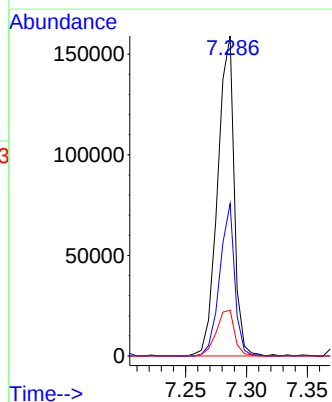
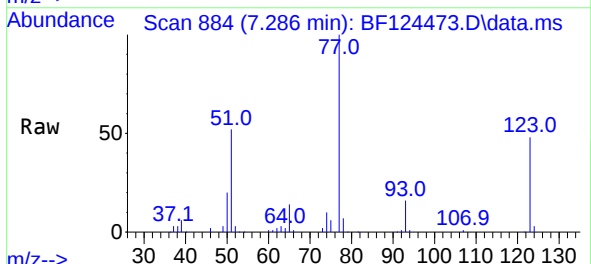
Manual Integrations  
APPROVED

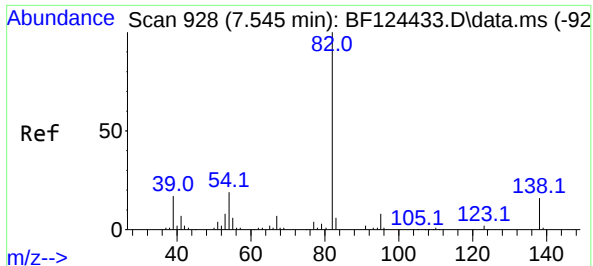
mohammad  
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#24  
Nitrobenzene  
Concen: 44.269 ng  
RT: 7.286 min Scan# 884  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

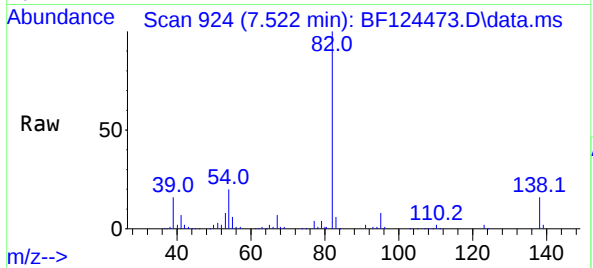
Tgt Ion: 77 Resp: 150447  
Ion Ratio Lower Upper  
77 100  
123 47.6 34.5 51.7  
65 14.3 12.2 18.2





#25  
Isophorone  
Concen: 43.406 ng  
RT: 7.522 min Scan# 924  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

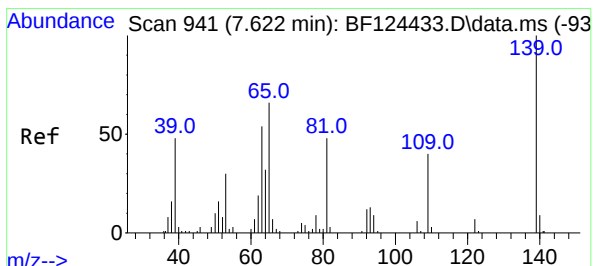
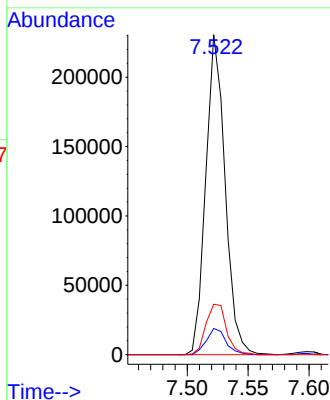
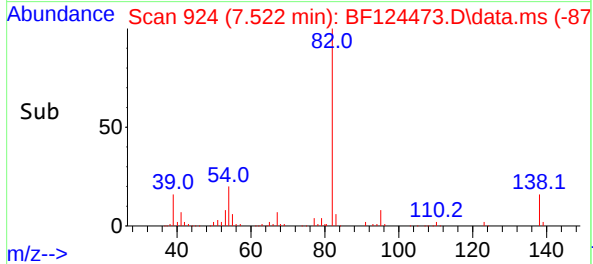
Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS



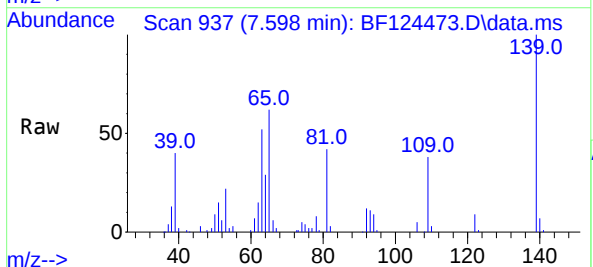
Tgt Ion: 82 Resp: 253866  
Ion Ratio Lower Upper  
82 100  
95 8.2 5.8 8.6  
138 15.8 11.8 17.8

Manual Integrations  
APPROVED

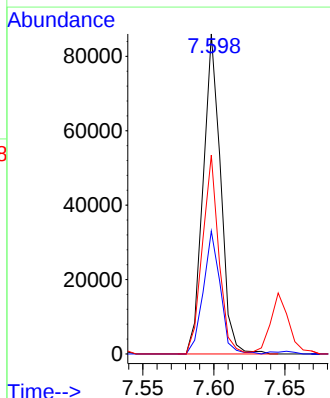
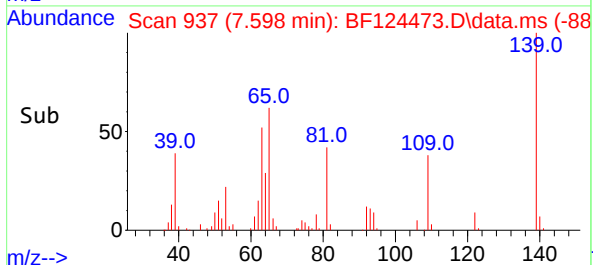
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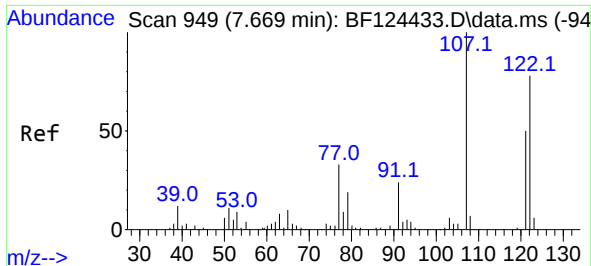


#26  
2-Nitrophenol  
Concen: 44.570 ng  
RT: 7.598 min Scan# 937  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



Tgt Ion: 139 Resp: 73678  
Ion Ratio Lower Upper  
139 100  
109 38.4 28.6 43.0  
65 62.2 56.8 85.2





#27

2,4-Dimethylphenol

Concen: 49.677 ng

RT: 7.645 min Scan# 945

Delta R.T. -0.012 min

Lab File: BF124473.D

Acq: 28 Jun 2021 17:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 109456 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 115.8 | 106.3 | 159.5  |
| 121      | 59.0  | 45.4  | 68.0   |

Instrument :

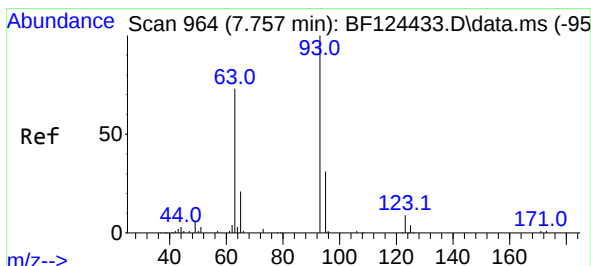
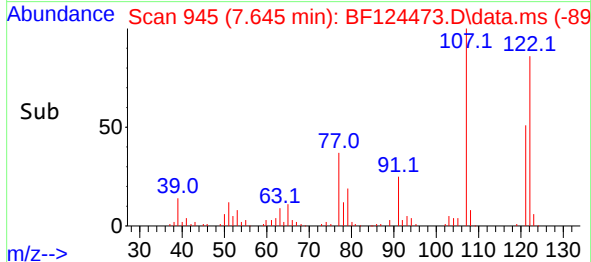
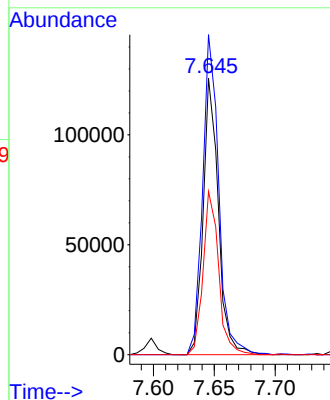
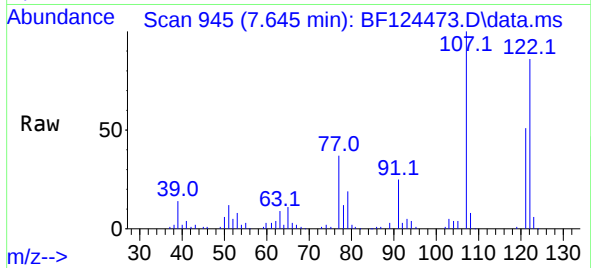
BNA\_F

ClientSampleId :

ABN-1MS

Manual Integrations  
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#28

bis(2-Chloroethoxy)methane

Concen: 51.102 ng

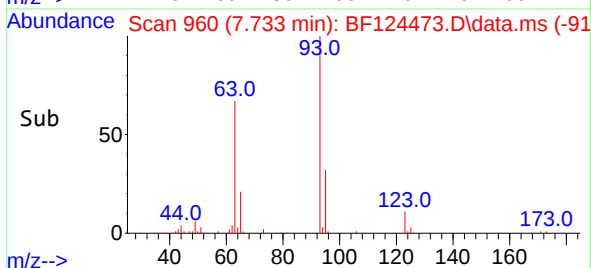
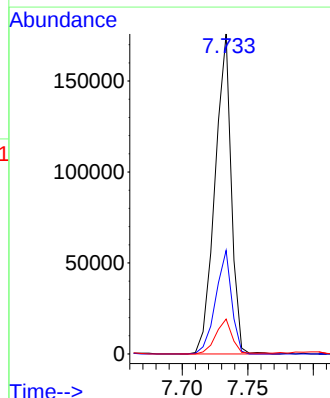
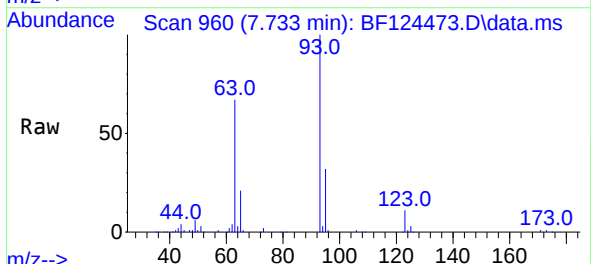
RT: 7.733 min Scan# 960

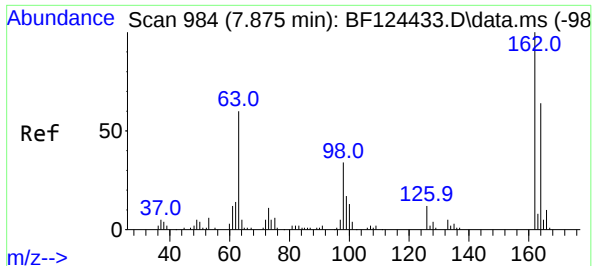
Delta R.T. -0.012 min

Lab File: BF124473.D

Acq: 28 Jun 2021 17:26

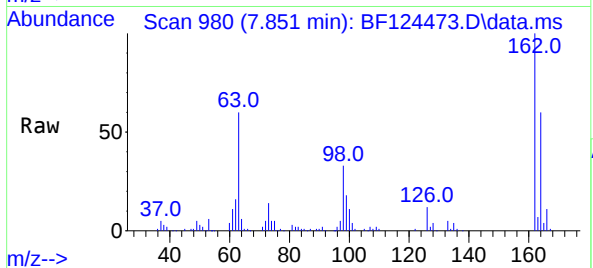
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 151493 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.4  | 26.5  | 39.7   |
| 123      | 10.9  | 8.4   | 12.6   |





#29  
2,4-Dichlorophenol  
Concen: 45.932 ng  
RT: 7.851 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

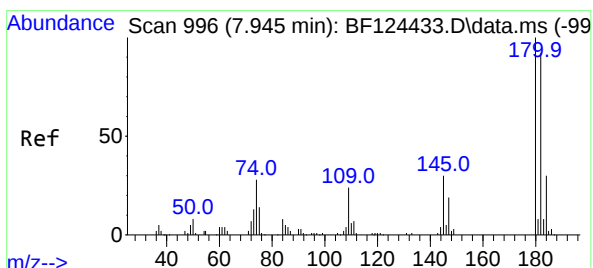
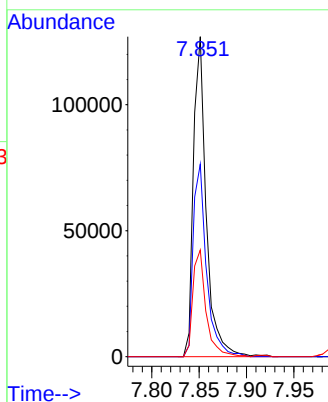
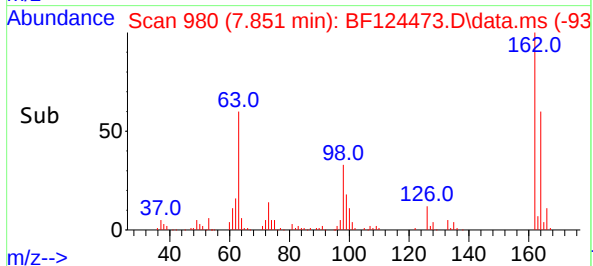
Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS



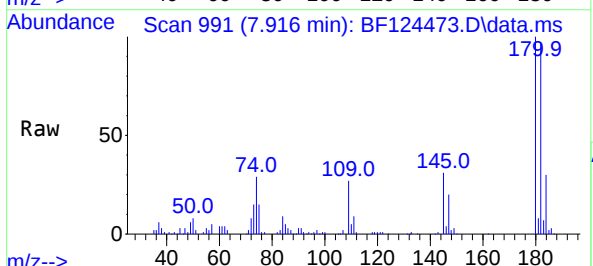
Tgt Ion:162 Resp: 120137  
Ion Ratio Lower Upper  
162 100  
164 60.1 44.1 84.1  
98 33.3 27.3 67.3

Manual Integrations  
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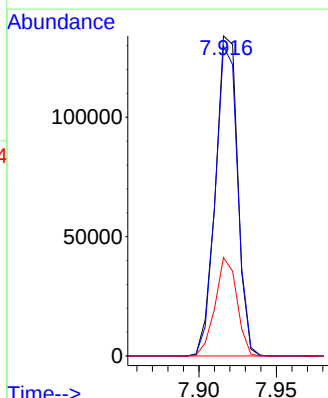
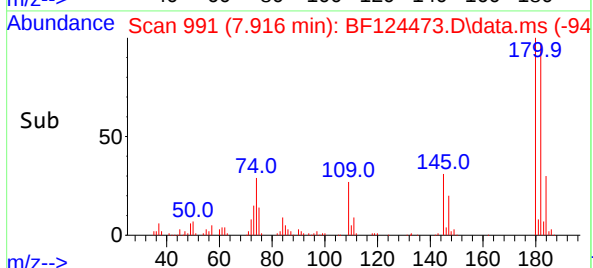
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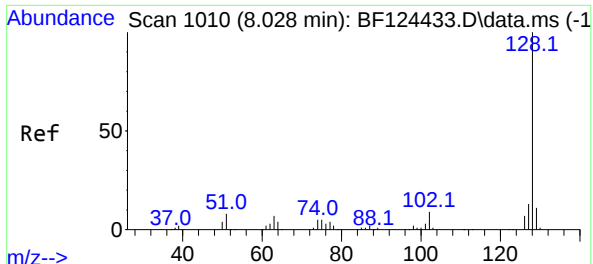


#30  
1,2,4-Trichlorobenzene  
Concen: 45.254 ng  
RT: 7.916 min Scan# 991  
Delta R.T. -0.018 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

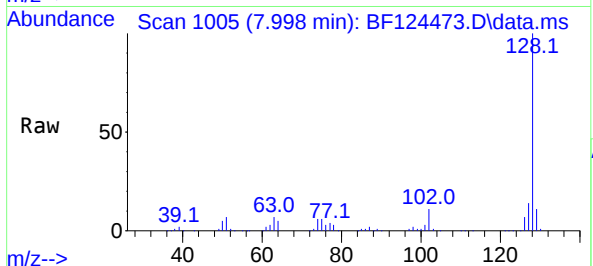


Tgt Ion:180 Resp: 134235  
Ion Ratio Lower Upper  
180 100  
182 96.8 77.2 115.8  
145 30.8 26.0 39.0

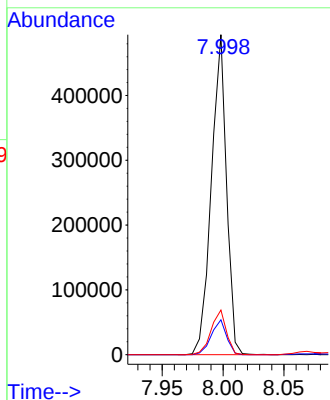
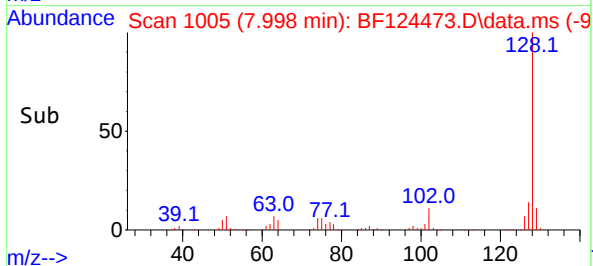




#31  
Naphthalene  
Concen: 51.380 ng  
RT: 7.998 min Scan# 1005  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



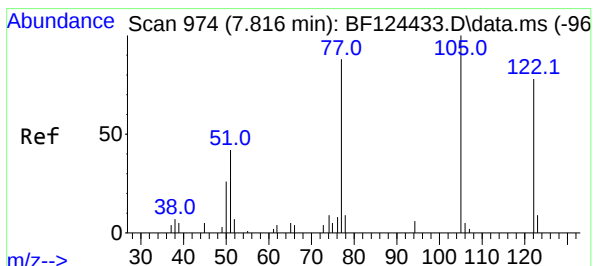
Tgt Ion:128 Resp: 426375  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 13.9 10.8 16.2



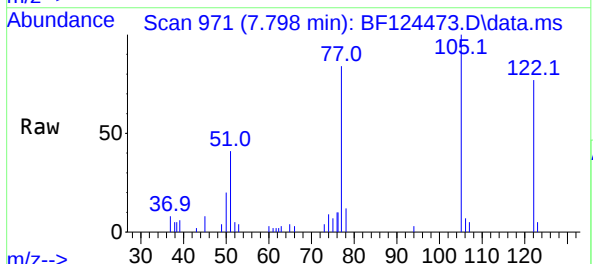
Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

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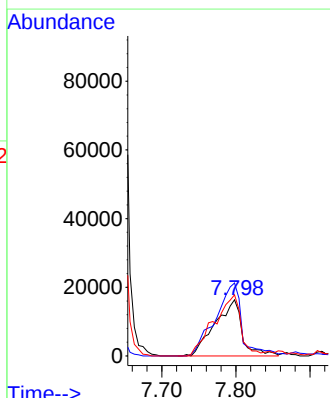
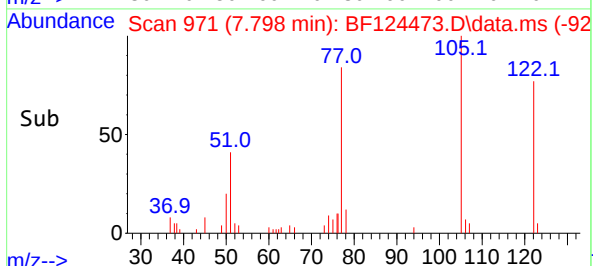
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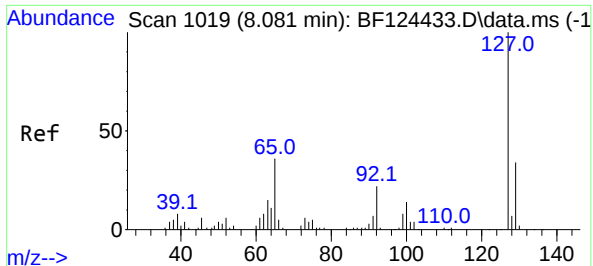


#32  
Benzoic acid  
Concen: 34.898 ng  
RT: 7.798 min Scan# 971  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



Tgt Ion:122 Resp: 41926  
Ion Ratio Lower Upper  
122 100  
105 130.0 107.8 147.8  
77 108.8 81.6 121.6





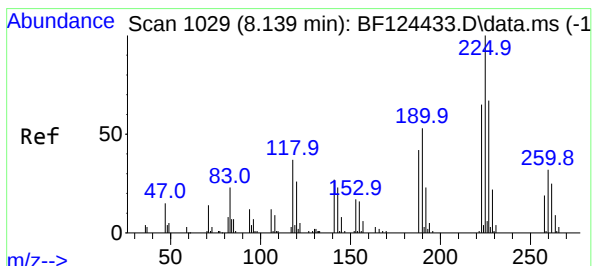
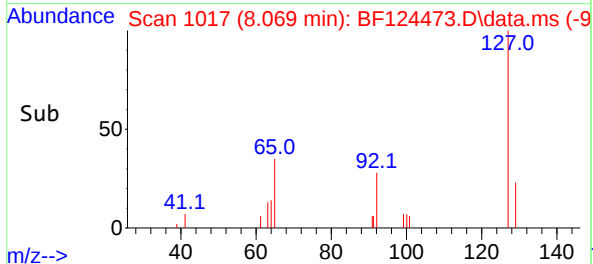
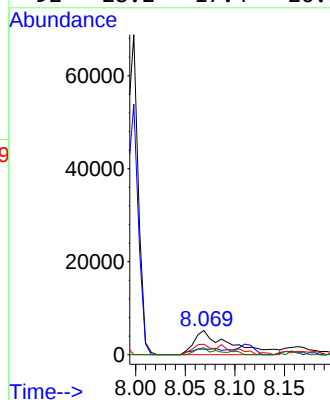
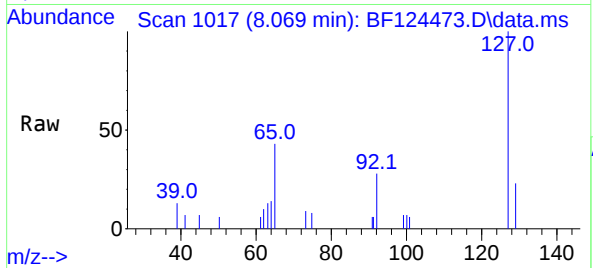
#33  
4-Chloroaniline  
Concen: 4.270 ng m  
RT: 8.069 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 13309 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 23.4  | 25.7  | 38.5# |
| 65        | 43.1  | 34.5  | 51.7  |
| 92        | 28.2  | 17.4  | 26.0# |

Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS

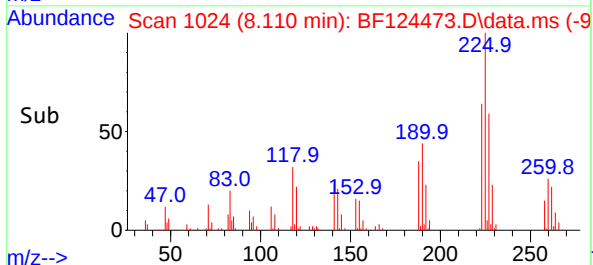
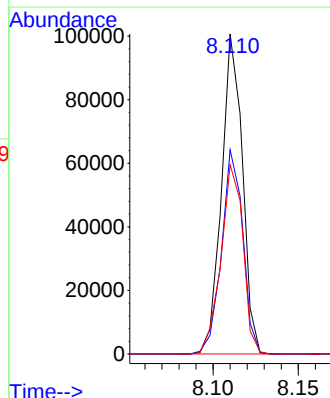
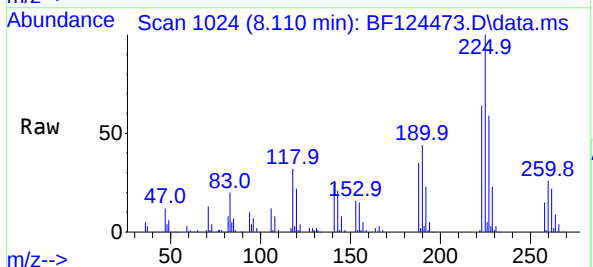
Manual Integrations  
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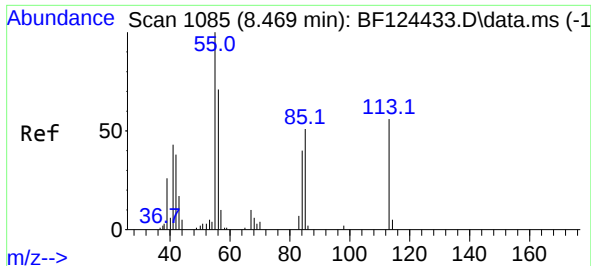
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#34  
Hexachlorobutadiene  
Concen: 43.205 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. -0.018 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 85681 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.8  | 50.4  | 75.6  |
| 227       | 59.1  | 51.4  | 77.0  |





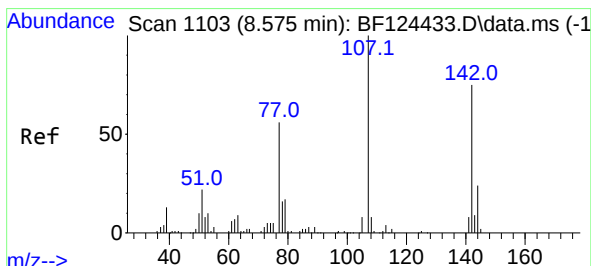
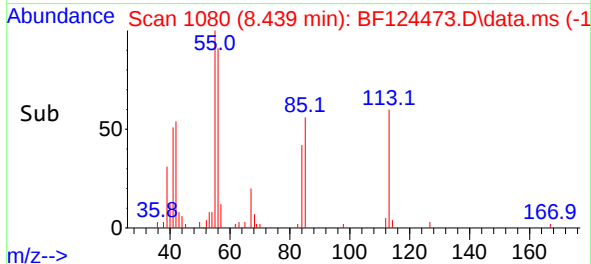
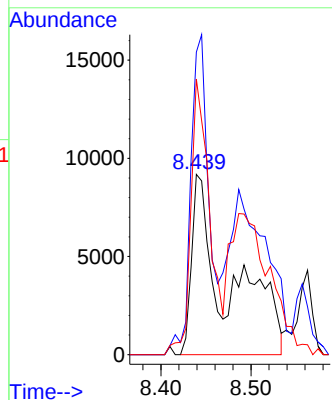
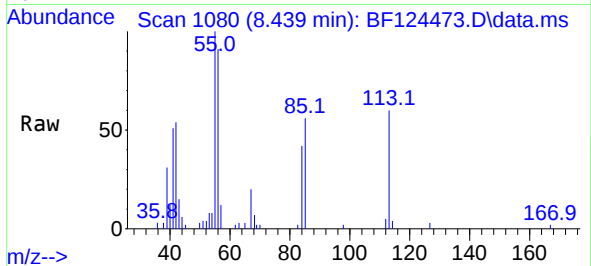
#35  
Caprolactam  
Concen: 37.284 ng m  
RT: 8.439 min Scan# 1080  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:113 Resp: 25555  
Ion Ratio Lower Upper  
113 100  
55 167.8 254.9 294.9#  
56 152.9 179.4 219.4#

Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS

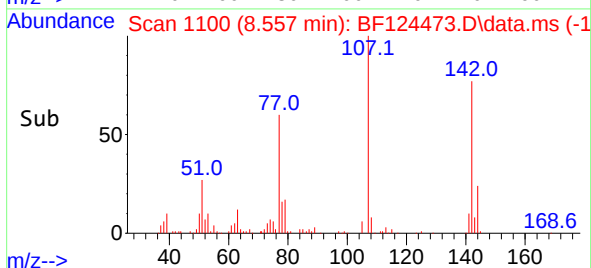
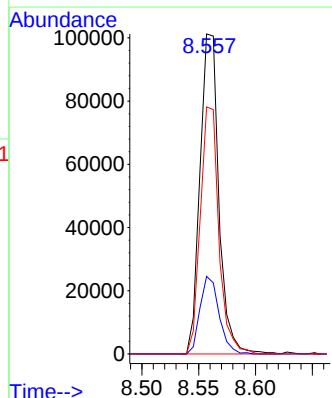
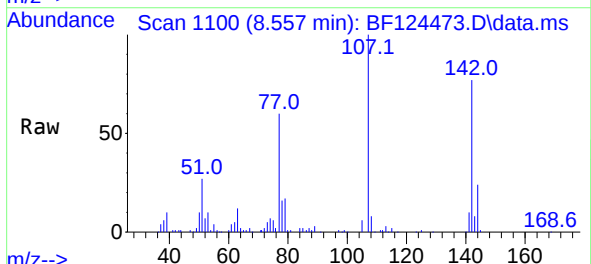
Manual Integrations  
APPROVED

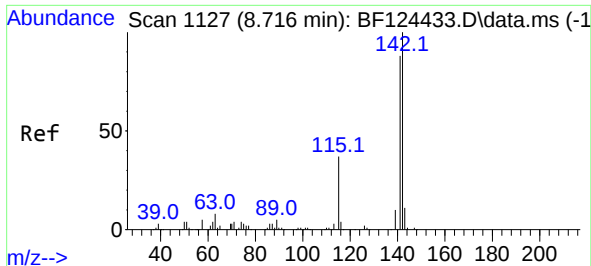
mohammad  
6/29/2021 2:28:45 PM



#36  
4-Chloro-3-methylphenol  
Concen: 44.391 ng  
RT: 8.557 min Scan# 1100  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:107 Resp: 117271  
Ion Ratio Lower Upper  
107 100  
144 24.2 16.3 24.5  
142 77.2 50.1 75.1#





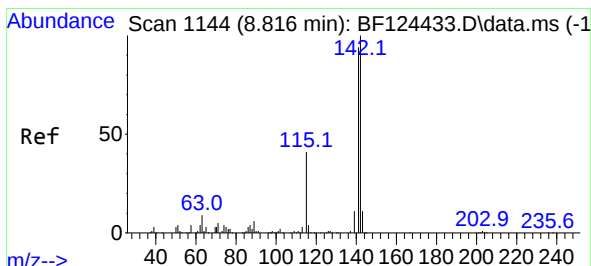
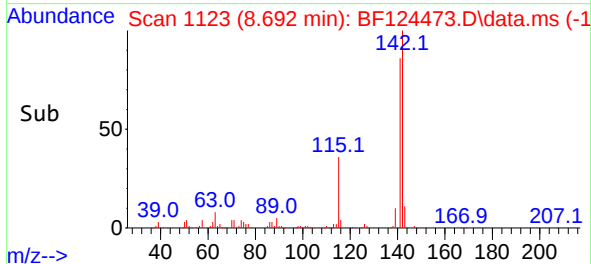
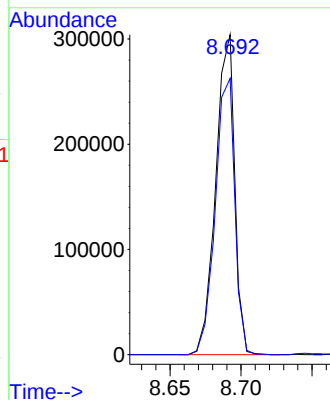
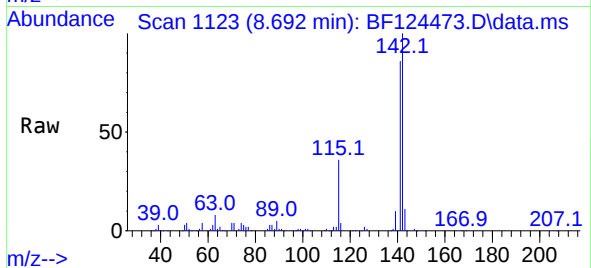
#37  
2-Methylnaphthalene  
Concen: 47.990 ng  
RT: 8.692 min Scan# 1123  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:142 Resp: 281811  
Ion Ratio Lower Upper  
142 100  
141 86.4 71.8 107.6

Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

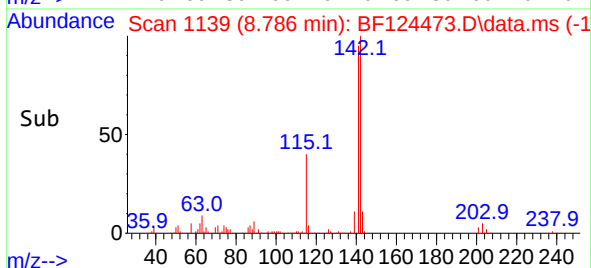
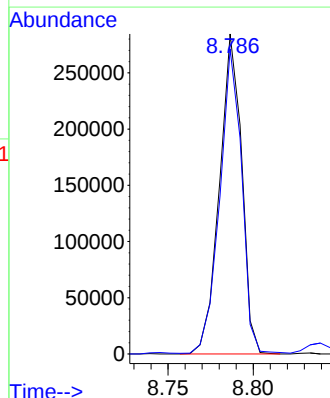
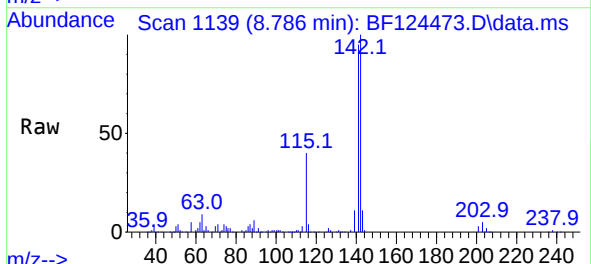
Manual Integrations  
APPROVED

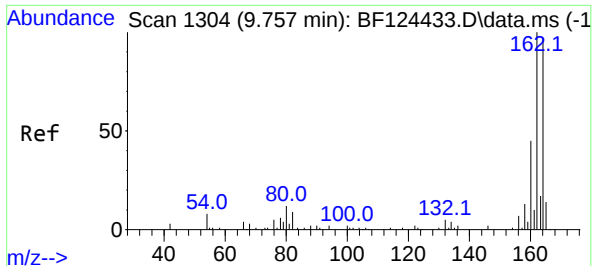
mohammad  
6/29/2021 2:28:45 PM



#38  
1-Methylnaphthalene  
Concen: 47.159 ng  
RT: 8.786 min Scan# 1139  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

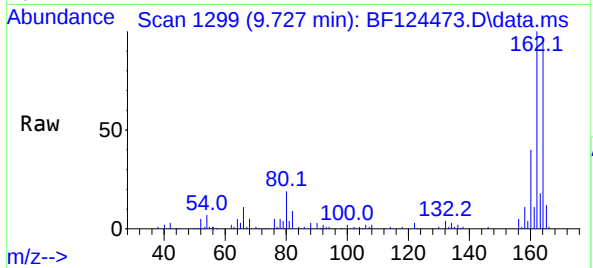
Tgt Ion:142 Resp: 257583  
Ion Ratio Lower Upper  
142 100  
141 95.4 72.8 109.2





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.727 min Scan# 1299  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

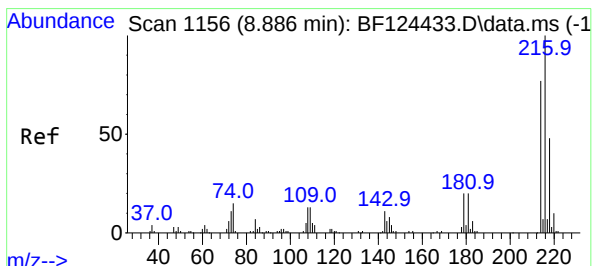
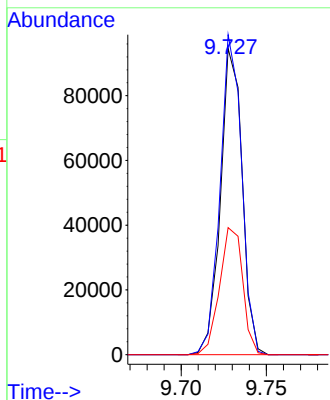
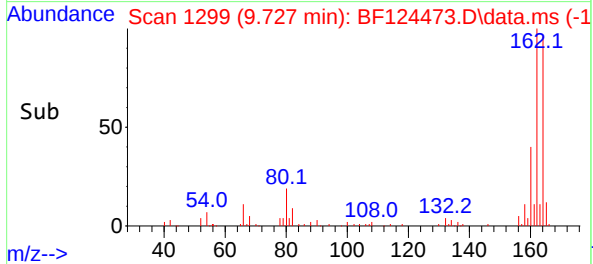
Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS



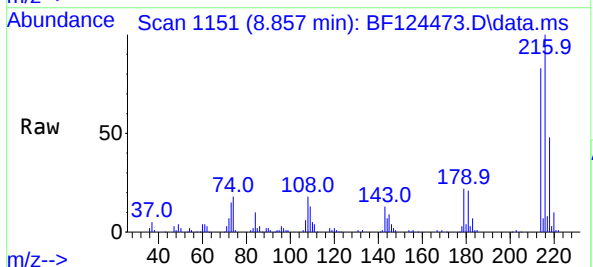
Tgt Ion:164 Resp: 84046  
Ion Ratio Lower Upper  
164 100  
162 104.5 80.7 121.1  
160 41.5 37.3 55.9

Manual Integrations  
APPROVED

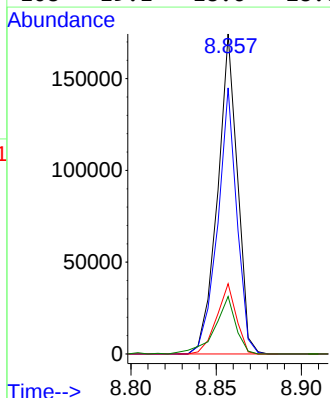
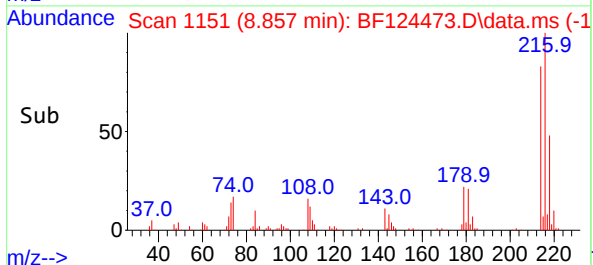
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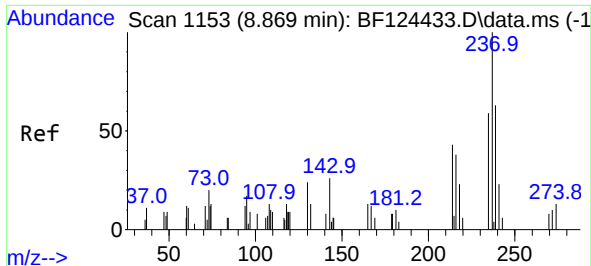


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.837 ng  
RT: 8.857 min Scan# 1151  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



Tgt Ion:216 Resp: 141470  
Ion Ratio Lower Upper  
216 100  
214 80.1 63.8 95.8  
179 21.6 17.9 26.9  
108 19.1 18.6 28.0





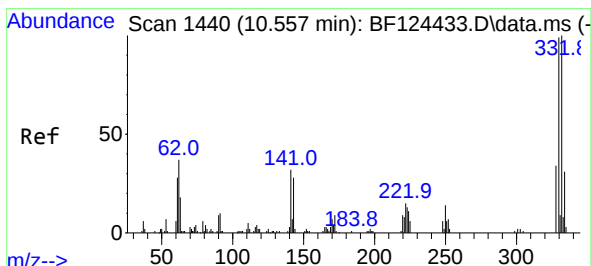
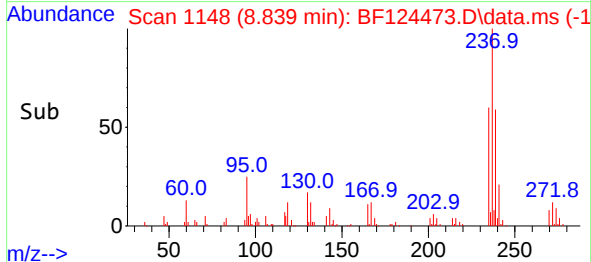
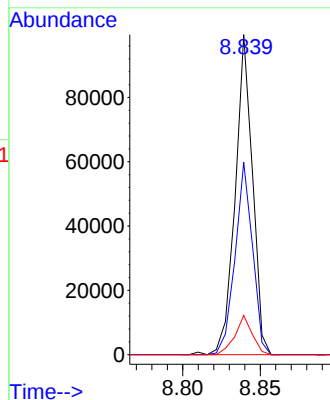
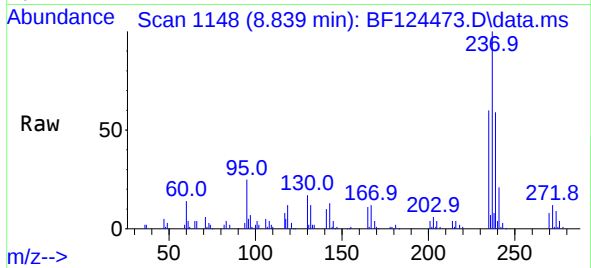
#41  
Hexachlorocyclopentadiene  
Concen: 329.700 ng  
RT: 8.839 min Scan# 1148  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 77271 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 60.2  | 38.8  | 78.8  |
| 272       | 12.3  | 0.0   | 32.4  |

Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

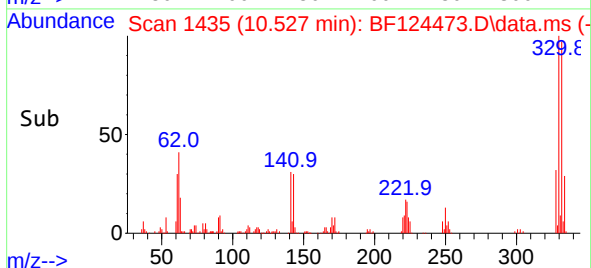
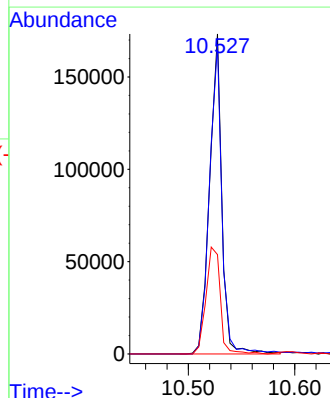
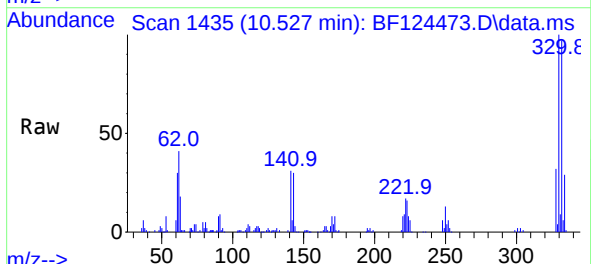
Manual Integrations  
APPROVED

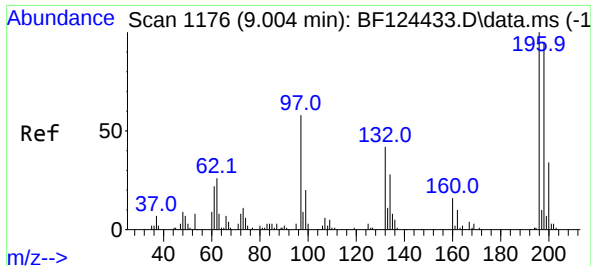
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#42  
2,4,6-Tribromophenol  
Concen: 138.037 ng  
RT: 10.527 min Scan# 1435  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

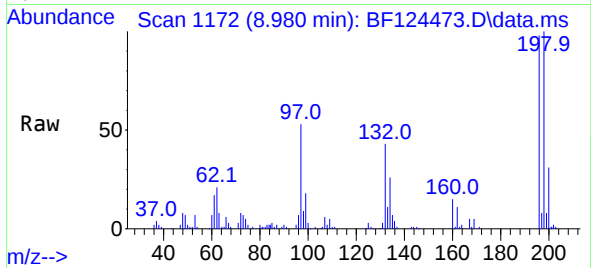
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 138607 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 99.3  | 77.1  | 115.7  |
| 141       | 39.2  | 27.9  | 41.9   |





#43  
2,4,6-Trichlorophenol  
Concen: 43.827 ng  
RT: 8.980 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

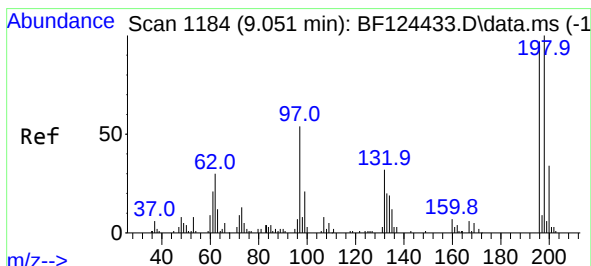
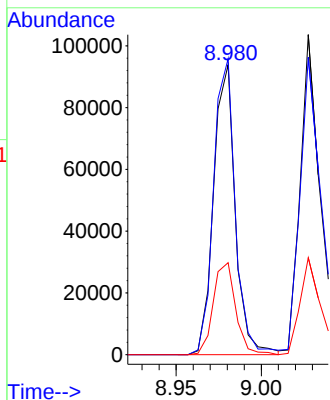
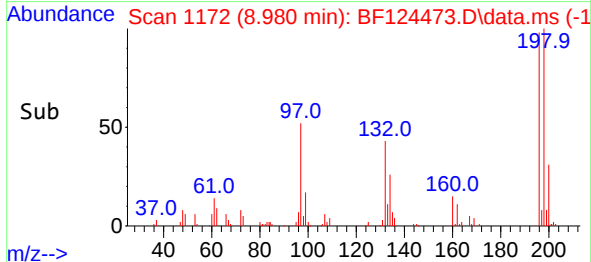
Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS



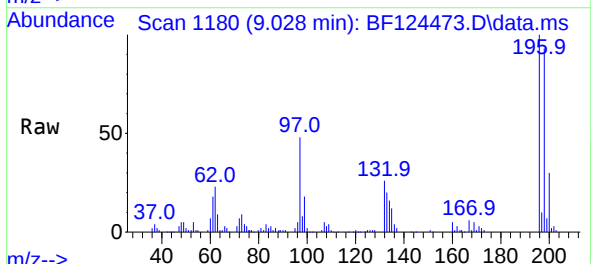
Tgt Ion:196 Resp: 83072  
Ion Ratio Lower Upper  
196 100  
198 102.1 78.2 117.2  
200 31.8 25.0 37.6

Manual Integrations  
APPROVED

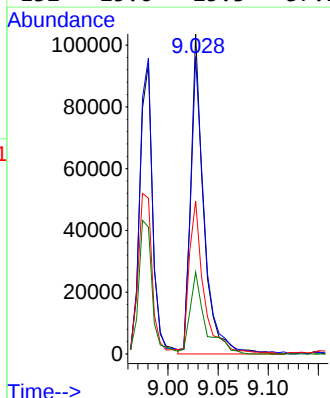
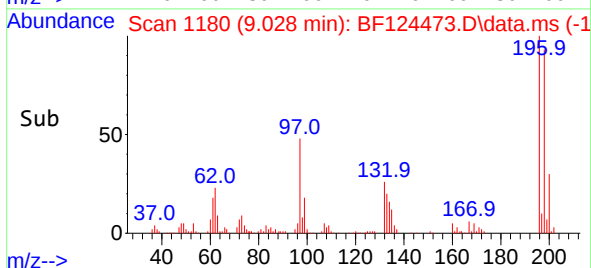
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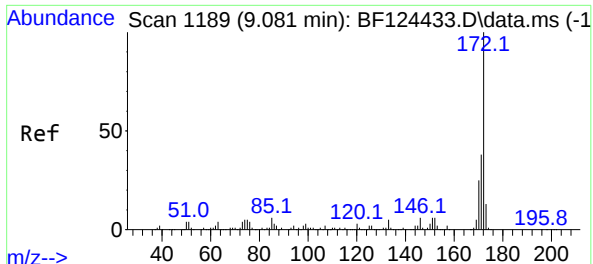


#44  
2,4,5-Trichlorophenol  
Concen: 46.234 ng  
RT: 9.028 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



Tgt Ion:196 Resp: 92468  
Ion Ratio Lower Upper  
196 100  
198 92.9 76.5 114.7  
97 47.8 52.9 79.3#  
132 25.6 25.3 37.9





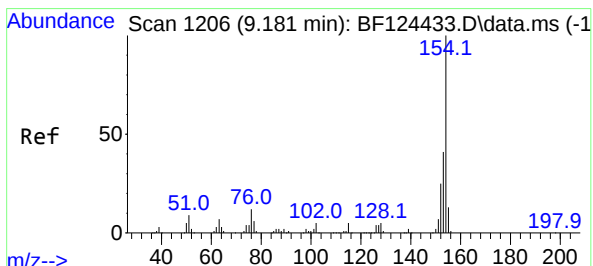
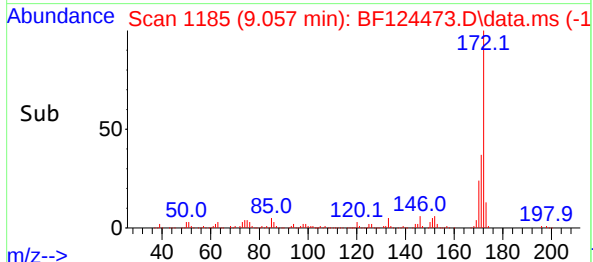
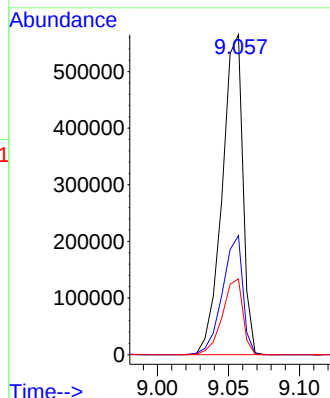
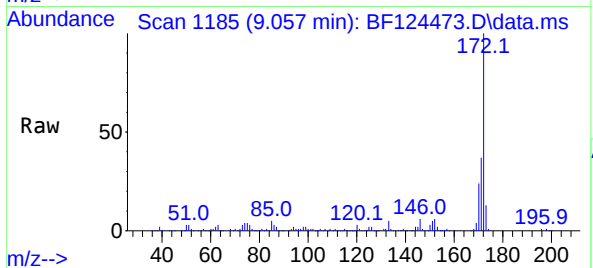
#45  
2-Fluorobiphenyl  
Concen: 83.269 ng  
RT: 9.057 min Scan# 1185  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:172 Resp: 571307  
Ion Ratio Lower Upper  
172 100  
171 37.2 28.1 42.1  
170 23.7 19.2 28.8

Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS

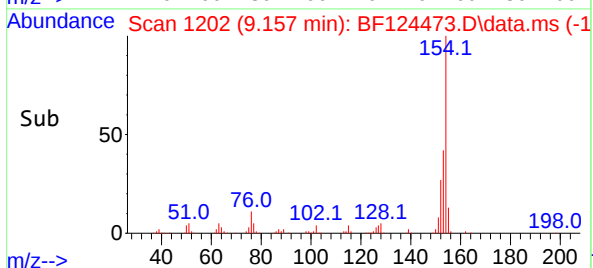
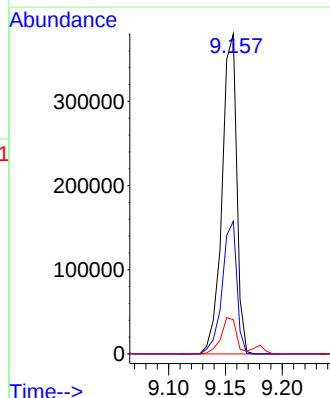
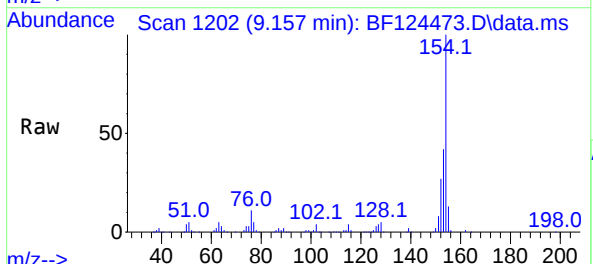
Manual Integrations  
APPROVED

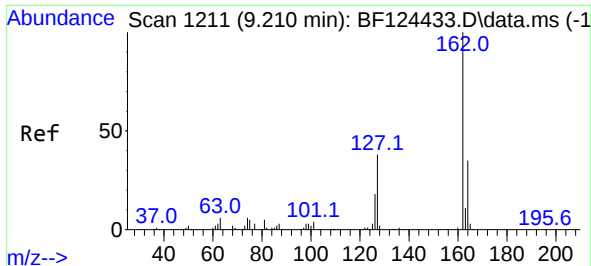
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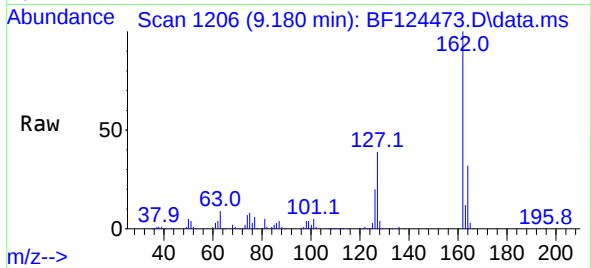
#46  
1,1'-Biphenyl  
Concen: 48.084 ng  
RT: 9.157 min Scan# 1202  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:154 Resp: 343482  
Ion Ratio Lower Upper  
154 100  
153 41.5 20.7 60.7  
76 10.7 0.0 31.7

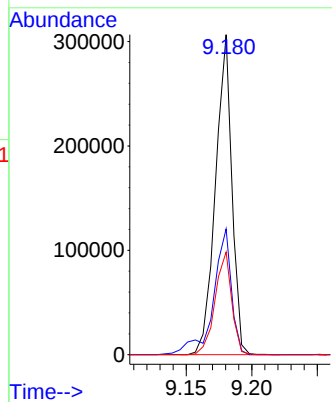
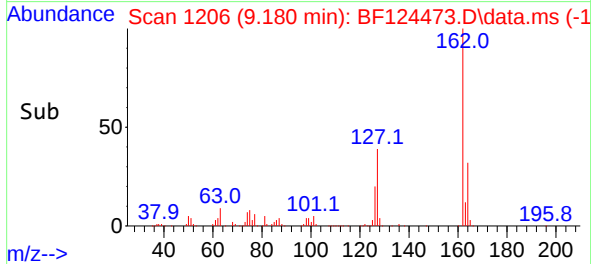




#47  
2-Chloronaphthalene  
Concen: 45.523 ng  
RT: 9.180 min Scan# 1206  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



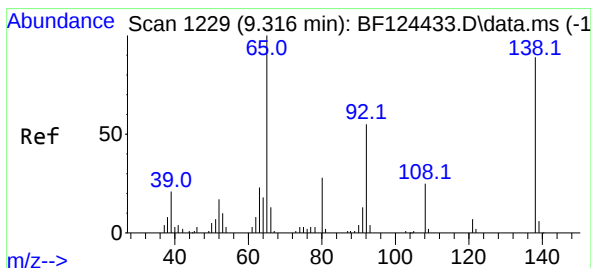
Tgt Ion: 162 Resp: 265995  
Ion Ratio Lower Upper  
162 100  
127 39.3 36.2 54.2  
164 32.1 25.4 38.2



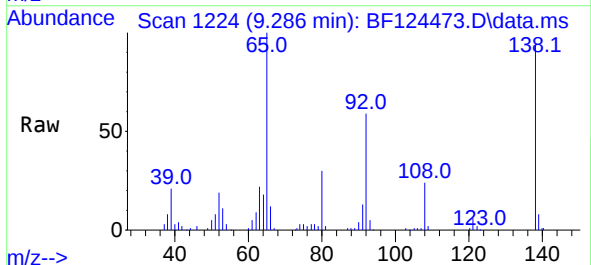
Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS

Manual Integrations  
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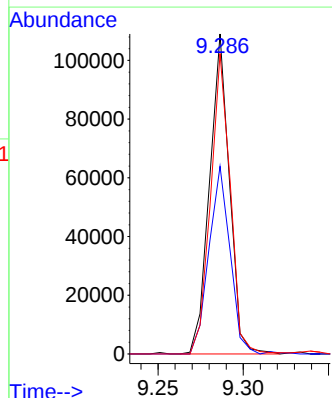
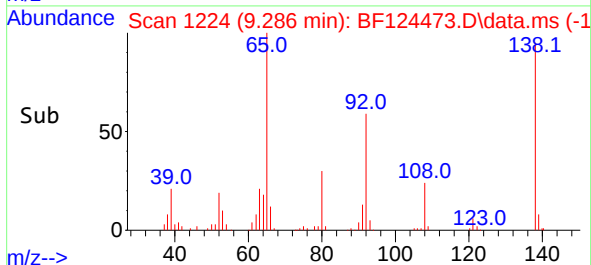
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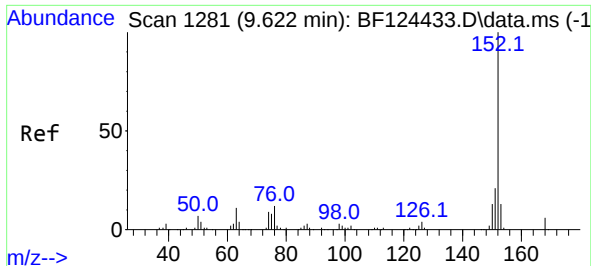


#48  
2-Nitroaniline  
Concen: 45.929 ng  
RT: 9.286 min Scan# 1224  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



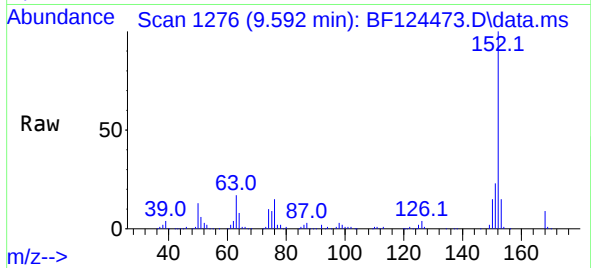
Tgt Ion: 65 Resp: 88283  
Ion Ratio Lower Upper  
65 100  
92 58.7 47.1 70.7  
138 93.9 70.2 105.2





#49  
Acenaphthylene  
Concen: 45.919 ng  
RT: 9.592 min Scan# 1276  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

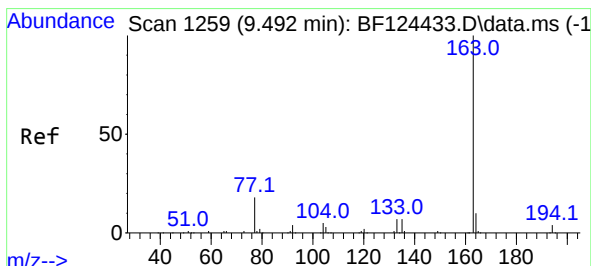
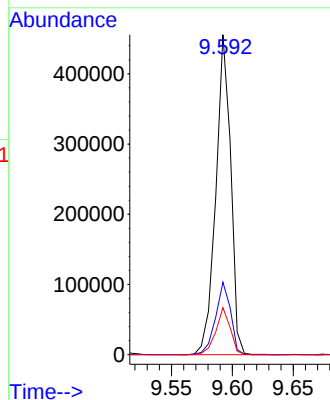
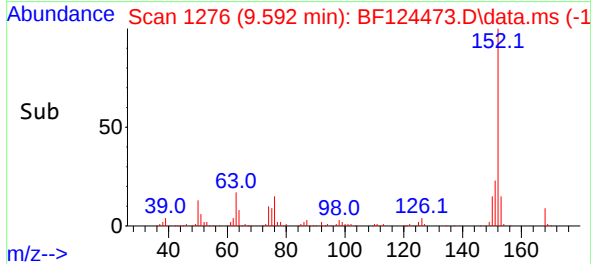
Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS



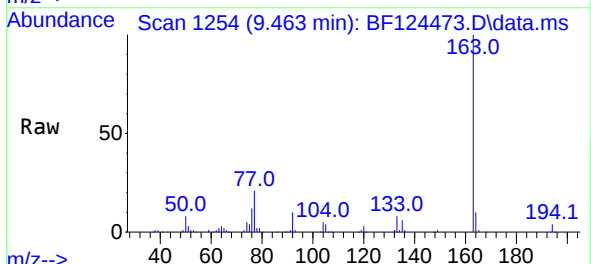
Tgt Ion:152 Resp: 387833  
Ion Ratio Lower Upper  
152 100  
151 22.7 16.0 24.0  
153 14.7 10.4 15.6

Manual Integrations  
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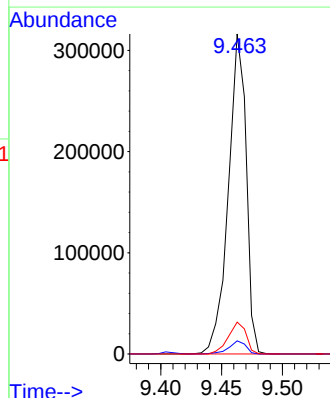
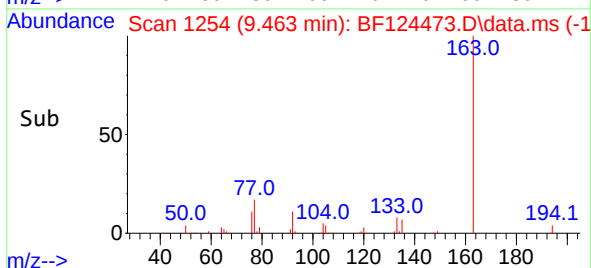
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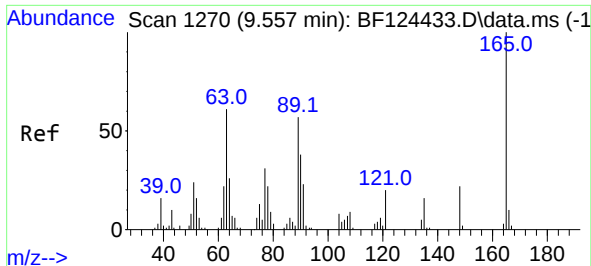


#50  
Dimethylphthalate  
Concen: 48.569 ng  
RT: 9.463 min Scan# 1254  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



Tgt Ion:163 Resp: 321837  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.1 4.7  
164 10.0 8.2 12.2





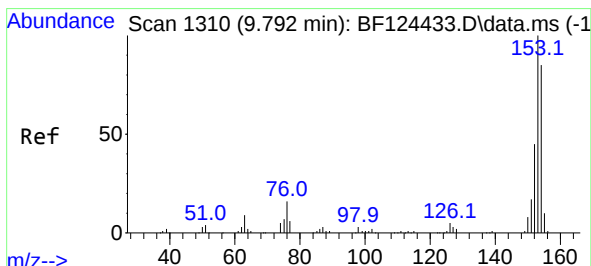
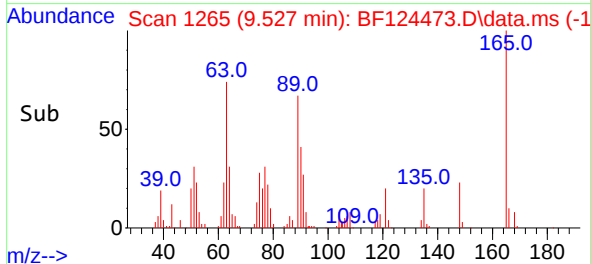
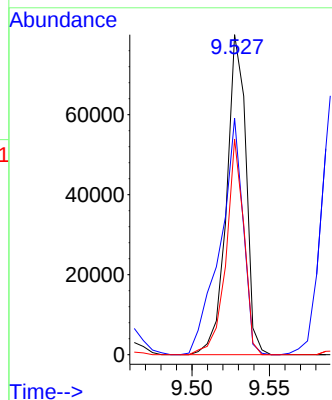
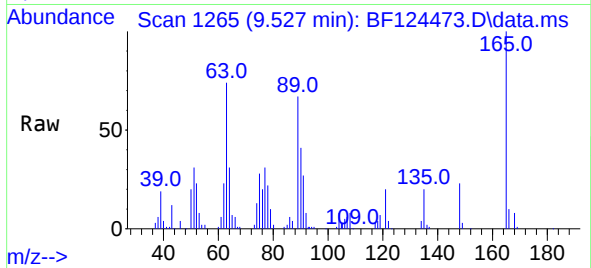
#51  
2,6-Dinitrotoluene  
Concen: 45.491 ng  
RT: 9.527 min Scan# 1265  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:165 Resp: 69632  
Ion Ratio Lower Upper  
165 100  
63 73.9 67.7 101.5  
89 67.4 58.8 88.2

Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS

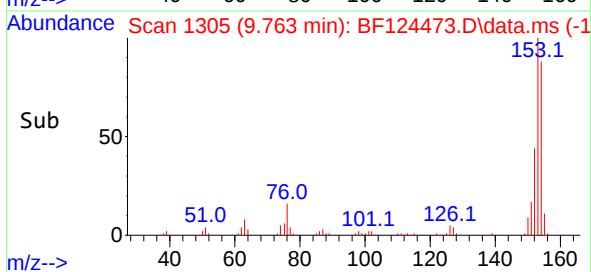
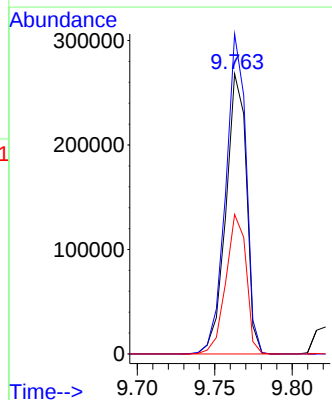
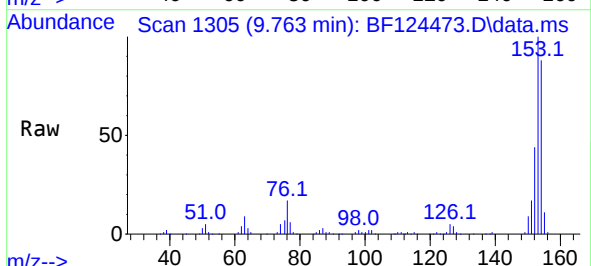
Manual Integrations  
APPROVED

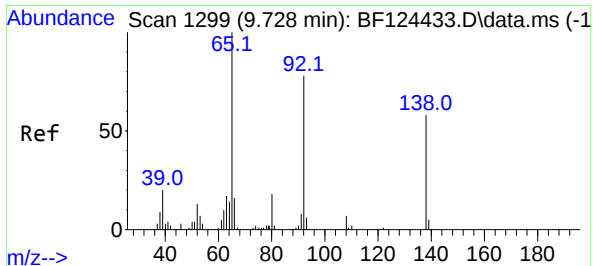
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#52  
Acenaphthene  
Concen: 46.147 ng  
RT: 9.763 min Scan# 1305  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:154 Resp: 247488  
Ion Ratio Lower Upper  
154 100  
153 114.2 88.1 132.1  
152 49.8 43.4 65.0





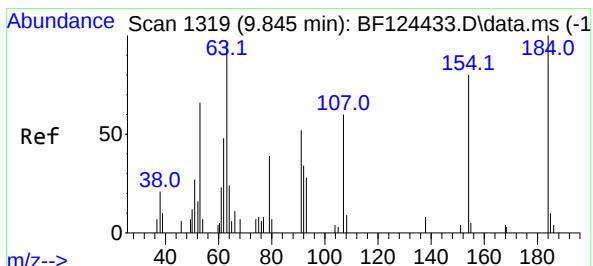
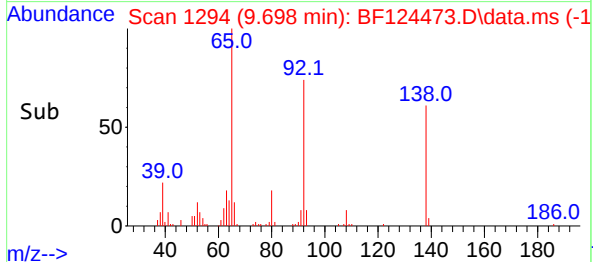
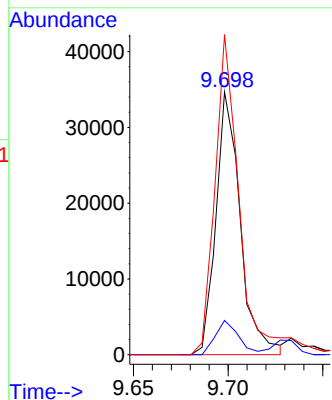
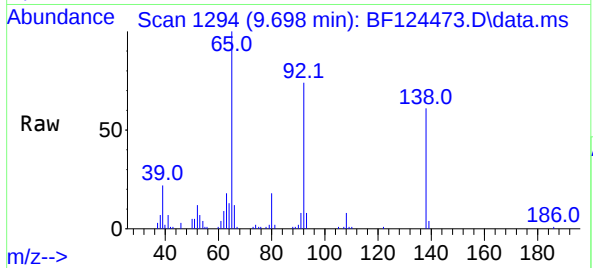
#53  
3-Nitroaniline  
Concen: 22.845 ng  
RT: 9.698 min Scan# 1294  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:138 Resp: 30954  
Ion Ratio Lower Upper  
138 100  
108 13.0 10.2 15.4  
92 121.8 103.3 154.9

Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS

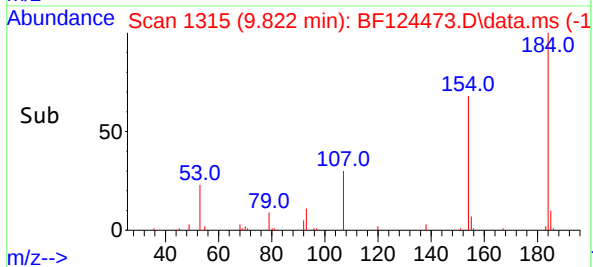
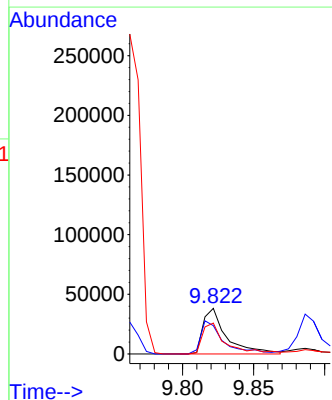
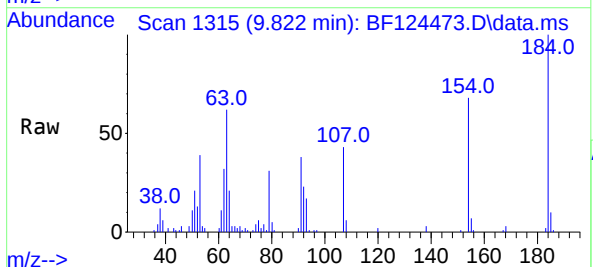
Manual Integrations  
APPROVED

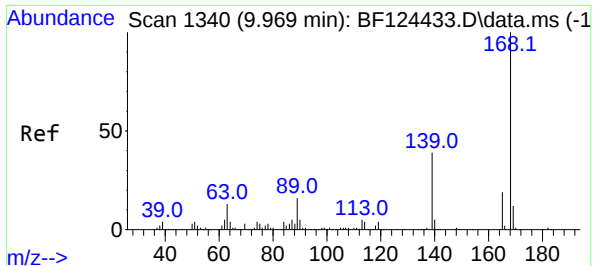
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 72.099 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:184 Resp: 44159  
Ion Ratio Lower Upper  
184 100  
63 62.1 73.5 110.3#  
154 67.7 52.5 78.7





#55

Dibenzofuran

Concen: 45.812 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.012 min

Lab File: BF124473.D

Acq: 28 Jun 2021 17:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 168   | Resp: | 391592 |
| Ion      | Ratio | Lower | Upper  |
| 168      | 100   |       |        |
| 139      | 39.8  | 33.2  | 49.8   |
| 169      | 12.4  | 10.8  | 16.2   |

Instrument :

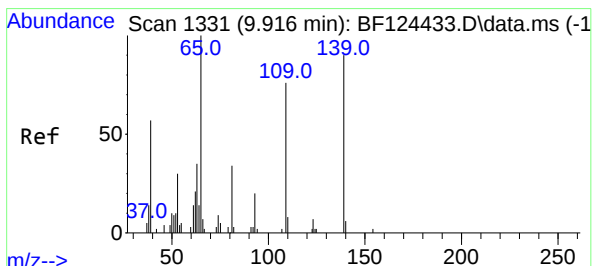
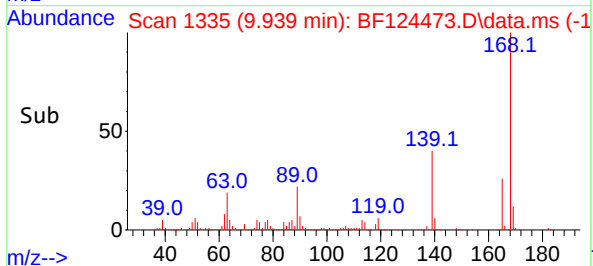
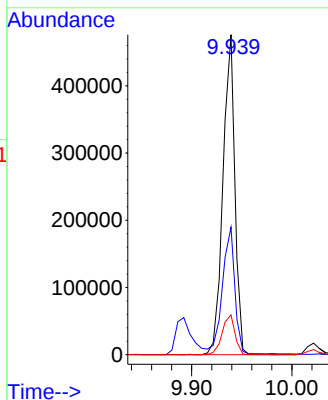
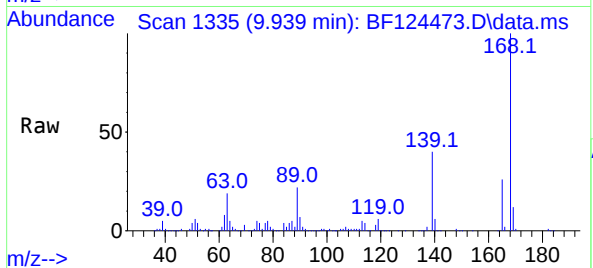
BNA\_F

ClientSampled :

ABN-1MS

Manual Integrations  
APPROVED

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#56

4-Nitrophenol

Concen: 88.277 ng

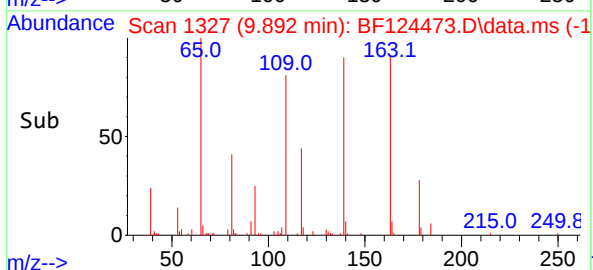
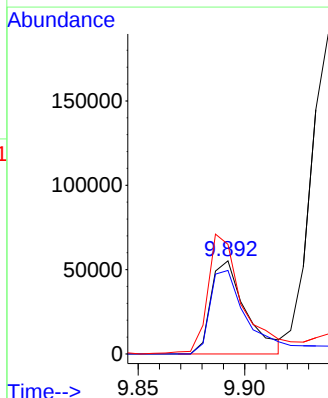
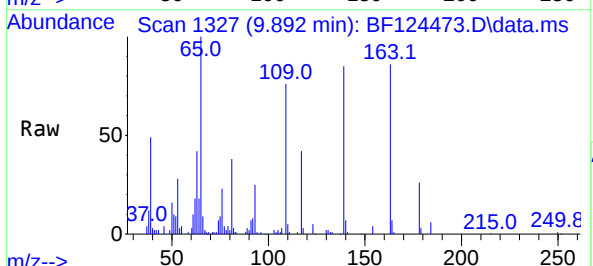
RT: 9.892 min Scan# 1327

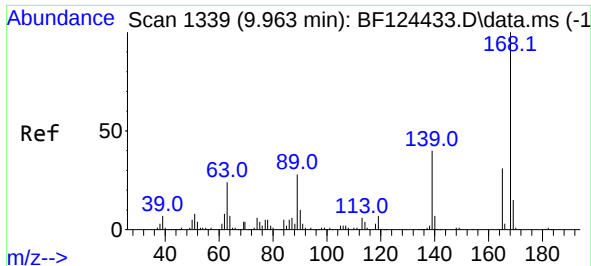
Delta R.T. 0.000 min

Lab File: BF124473.D

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 139   | Resp: | 62747 |
| Ion      | Ratio | Lower | Upper |
| 139      | 100   |       |       |
| 109      | 89.7  | 63.2  | 103.2 |
| 65       | 117.8 | 110.0 | 150.0 |





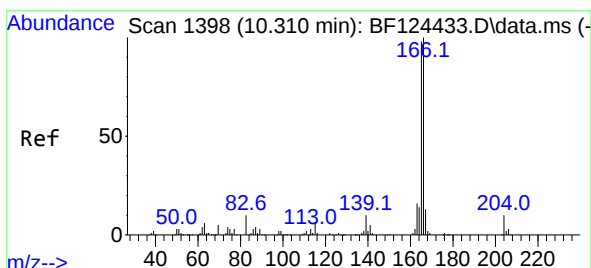
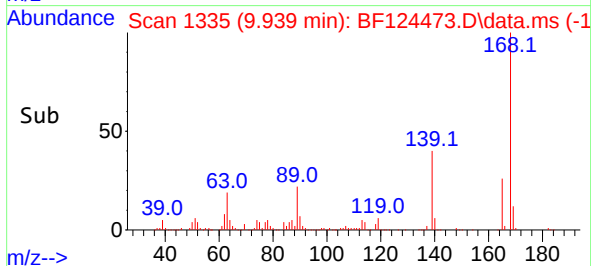
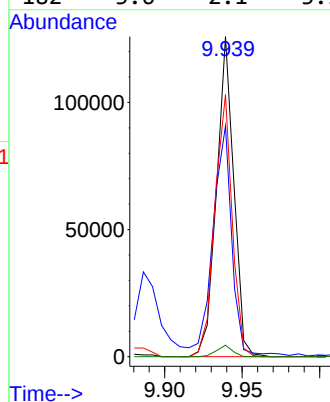
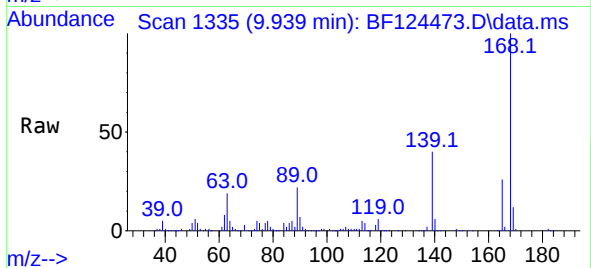
#57  
2,4-Dinitrotoluene  
Concen: 48.063 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
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Tgt Ion:165 Resp: 97516  
Ion Ratio Lower Upper  
165 100  
63 72.1 43.5 65.3#  
89 81.9 67.7 101.5  
182 3.6 2.1 3.1#

Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

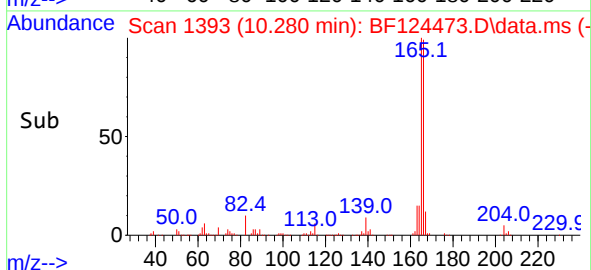
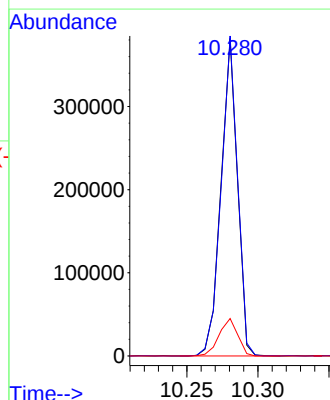
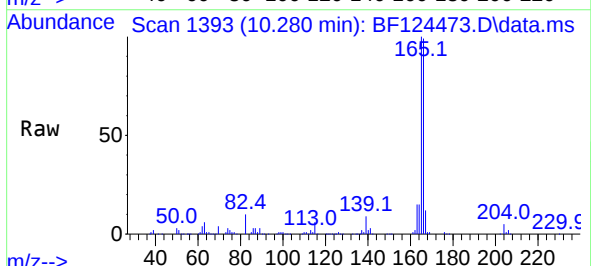
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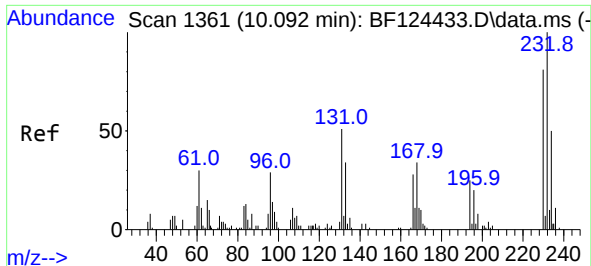
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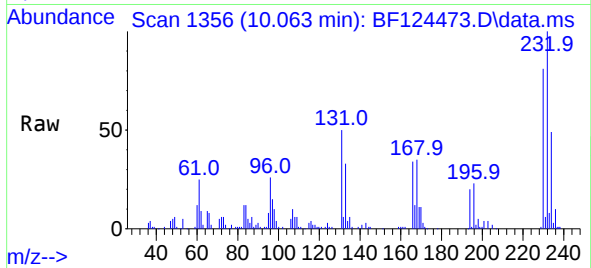
#58  
Fluorene  
Concen: 46.808 ng  
RT: 10.280 min Scan# 1393  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:166 Resp: 307433  
Ion Ratio Lower Upper  
166 100  
165 100.8 73.5 110.3  
167 11.8 10.7 16.1

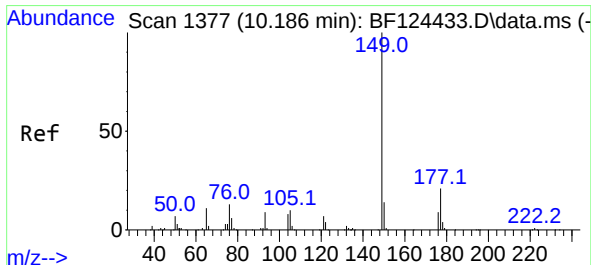
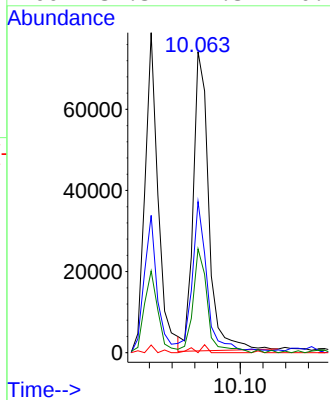
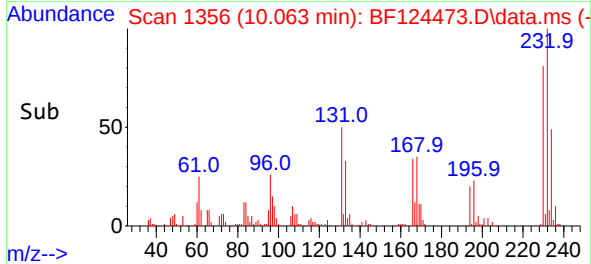




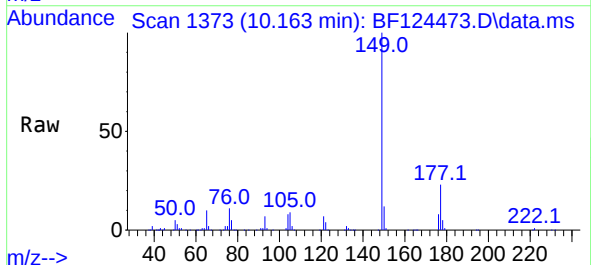
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.914 ng  
RT: 10.063 min Scan# 1356  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



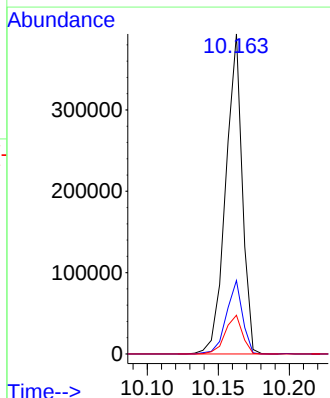
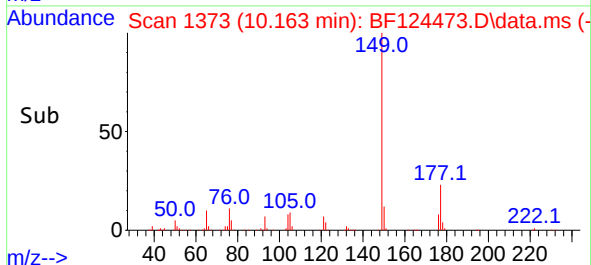
Tgt Ion:232 Resp: 70083  
Ion Ratio Lower Upper  
232 100  
131 50.6 43.2 64.8  
130 0.8 2.2 3.2#  
166 32.3 27.3 40.9



#60  
Diethylphthalate  
Concen: 48.228 ng  
RT: 10.163 min Scan# 1373  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



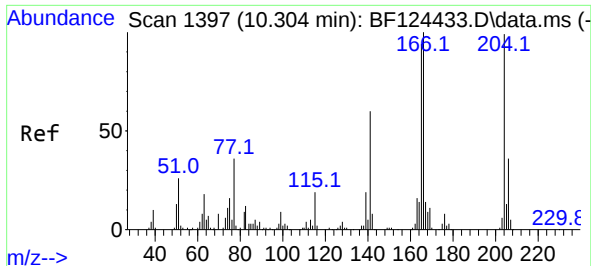
Tgt Ion:149 Resp: 317995  
Ion Ratio Lower Upper  
149 100  
177 23.0 15.4 23.2  
150 12.1 9.9 14.9



Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

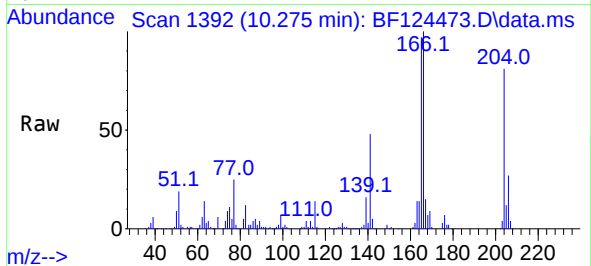
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#61  
4-Chlorophenyl-phenylether  
Concen: 47.632 ng  
RT: 10.275 min Scan# 1392  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

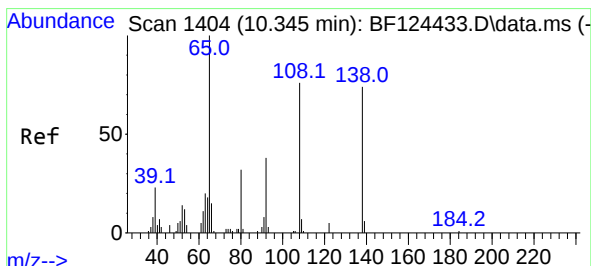
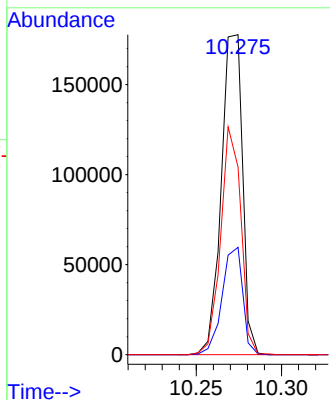
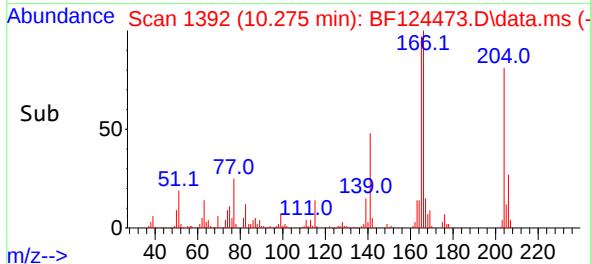
Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS



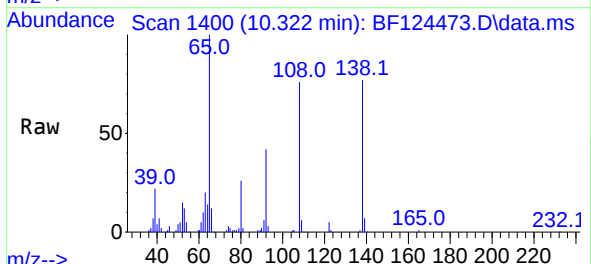
Tgt Ion:204 Resp: 155037  
Ion Ratio Lower Upper  
204 100  
206 33.5 25.7 38.5  
141 58.7 55.5 83.3

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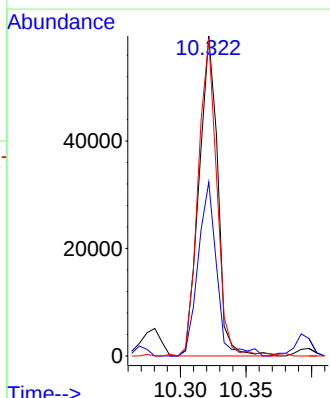
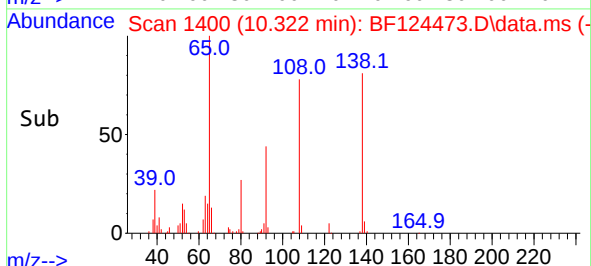
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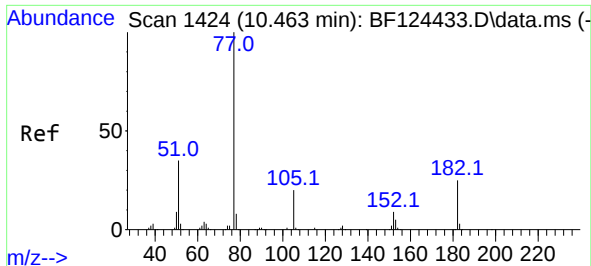


#62  
4-Nitroaniline  
Concen: 45.264 ng  
RT: 10.322 min Scan# 1400  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



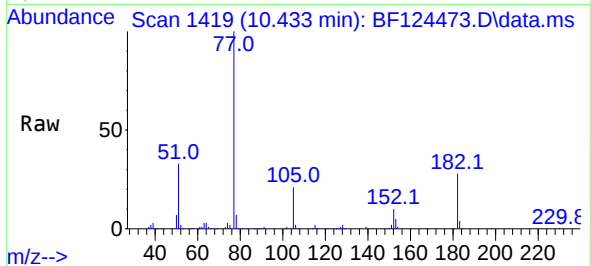
Tgt Ion:138 Resp: 59008  
Ion Ratio Lower Upper  
138 100  
92 54.3 35.8 75.8  
108 99.2 63.6 103.6





#63  
Azobenzene  
Concen: 44.948 ng  
RT: 10.433 min Scan# 1419  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

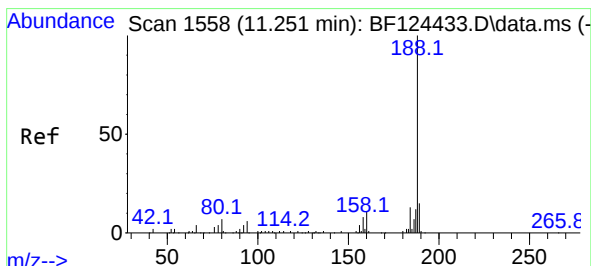
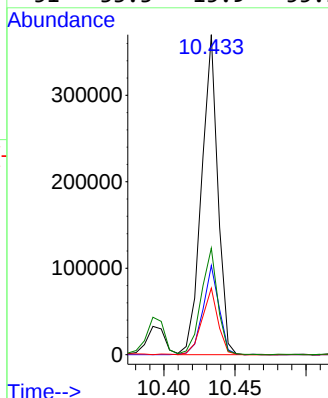
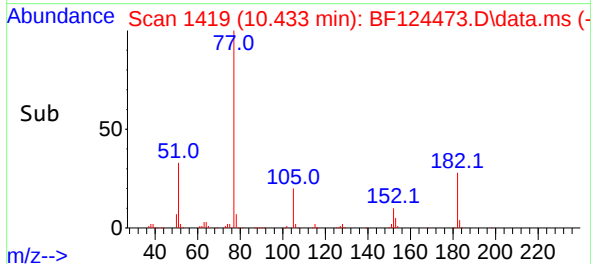


Tgt Ion: 77 Resp: 295009

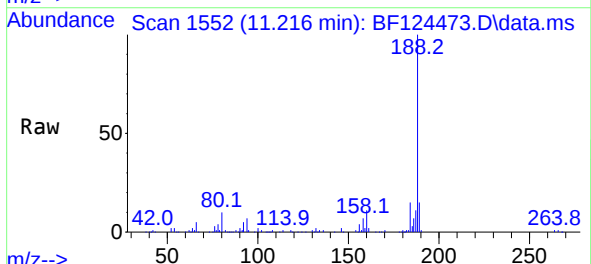
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 27.9  | 1.7   | 41.7  |
| 105 | 20.8  | 1.7   | 41.7  |
| 51  | 33.3  | 15.9  | 55.9  |

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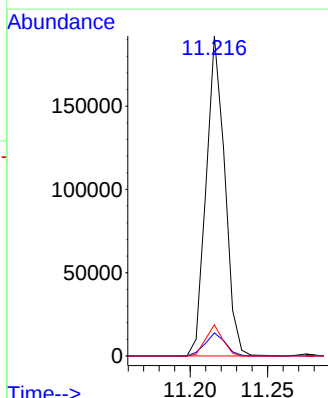
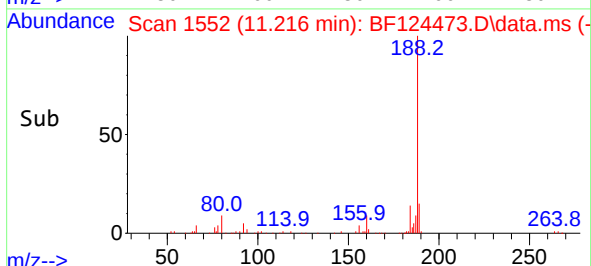


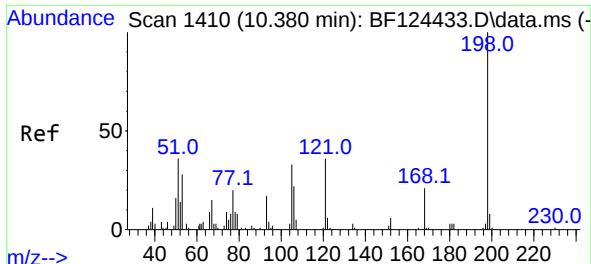
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.216 min Scan# 1552  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



Tgt Ion: 188 Resp: 160460

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 7.2   | 6.9   | 10.3  |
| 80  | 9.8   | 8.2   | 12.2  |





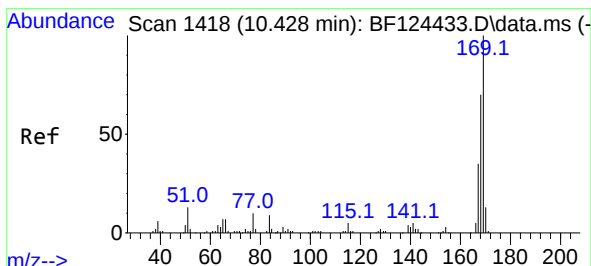
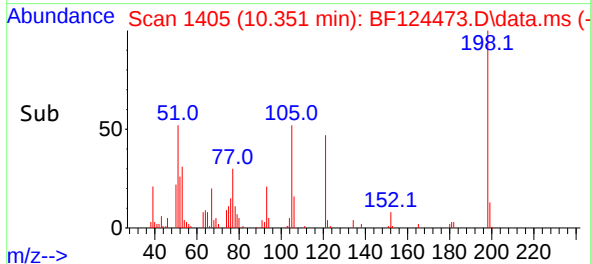
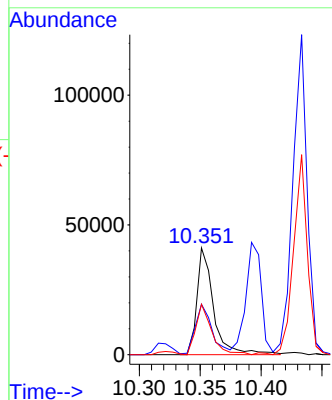
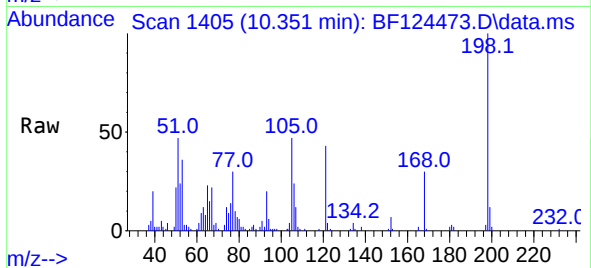
#65  
4,6-Dinitro-2-methylphenol  
Concen: 34.220 ng  
RT: 10.351 min Scan# 1405  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS

Tgt Ion:198 Resp: 39359  
Ion Ratio Lower Upper  
198 100  
51 47.2 64.8 104.8#  
105 47.2 42.6 82.6

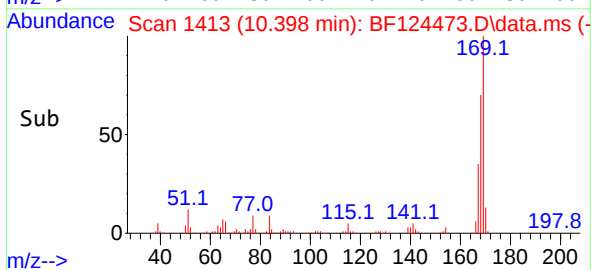
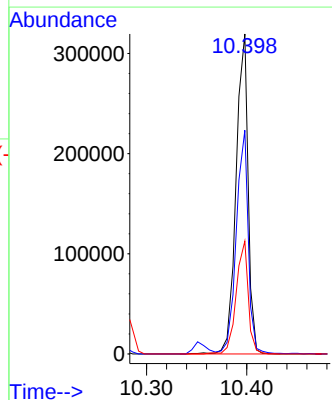
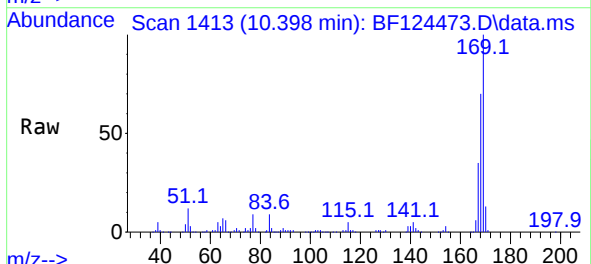
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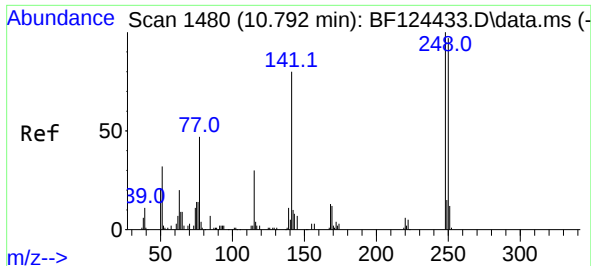
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#66  
n-Nitrosodiphenylamine  
Concen: 43.484 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:169 Resp: 267675  
Ion Ratio Lower Upper  
169 100  
168 69.9 53.3 79.9  
167 35.3 29.9 44.9





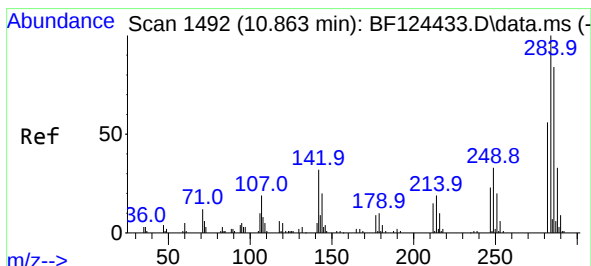
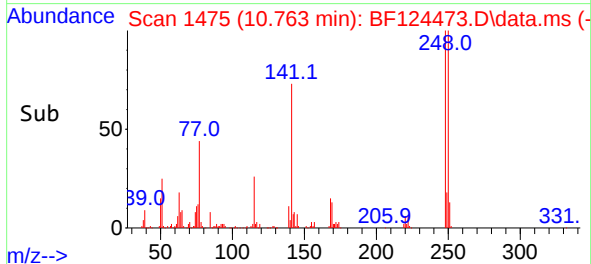
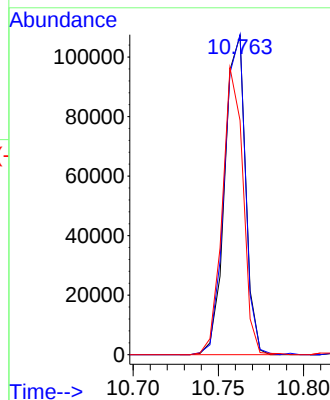
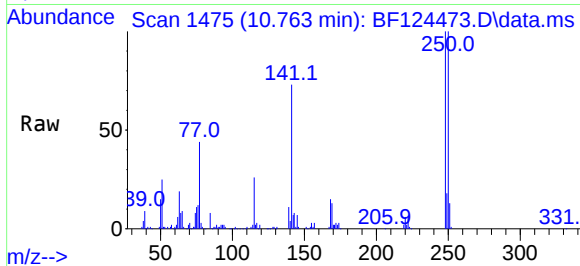
#67  
4-Bromophenyl-phenylether  
Concen: 41.966 ng  
RT: 10.763 min Scan# 1475  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:248 Resp: 90592  
Ion Ratio Lower Upper  
248 100  
250 100.3 77.4 116.2  
141 73.4 63.7 95.5

Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS

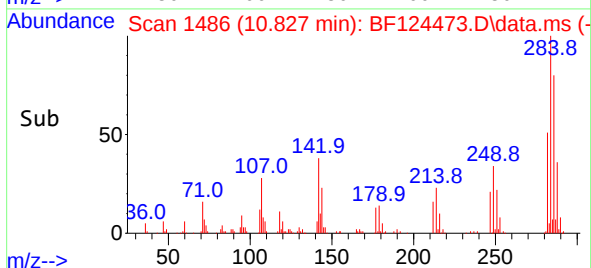
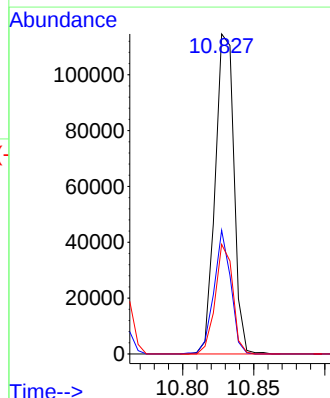
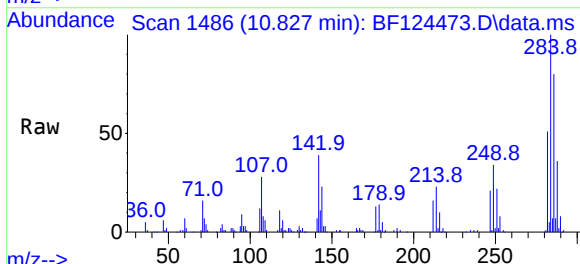
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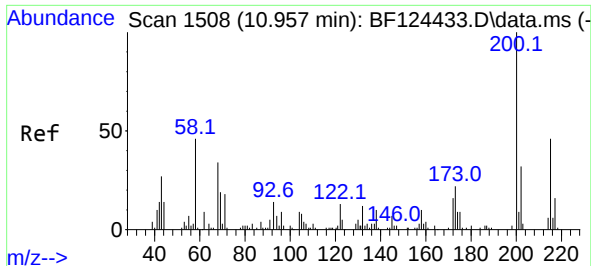
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#68  
Hexachlorobenzene  
Concen: 44.949 ng  
RT: 10.827 min Scan# 1486  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:284 Resp: 105422  
Ion Ratio Lower Upper  
284 100  
142 38.6 28.3 42.5  
249 34.2 23.5 35.3





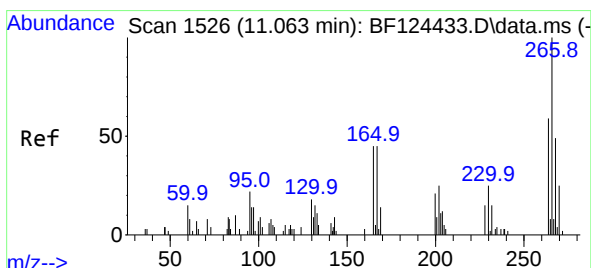
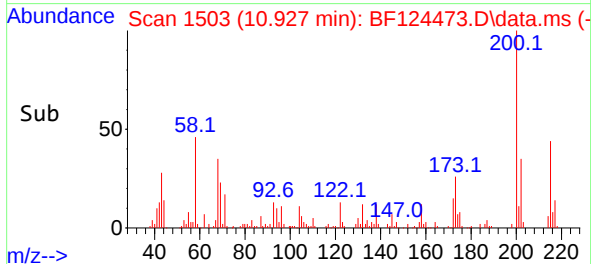
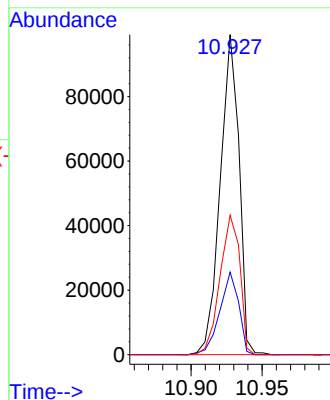
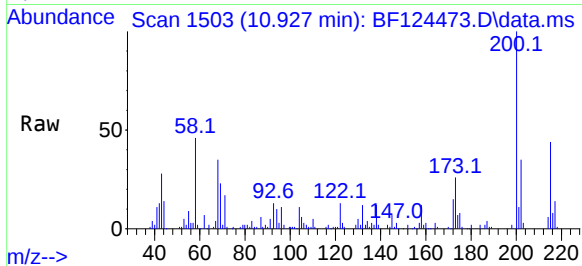
#69  
Atrazine  
Concen: 57.494 ng  
RT: 10.927 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

Tgt Ion:200 Resp: 91307  
Ion Ratio Lower Upper  
200 100  
173 25.8 6.9 46.9  
215 43.6 26.5 66.5

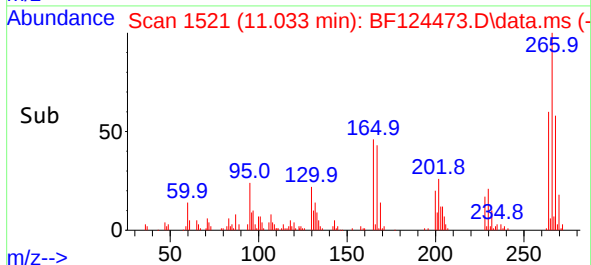
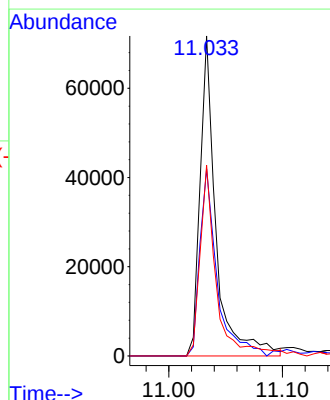
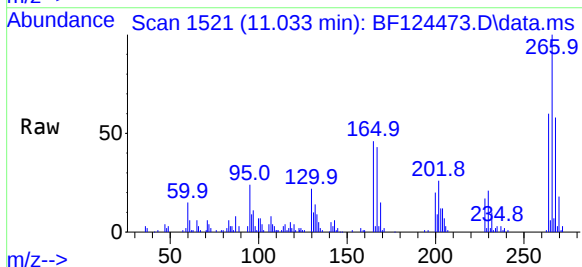
Manual Integrations  
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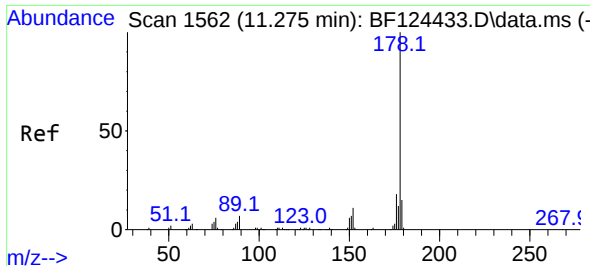
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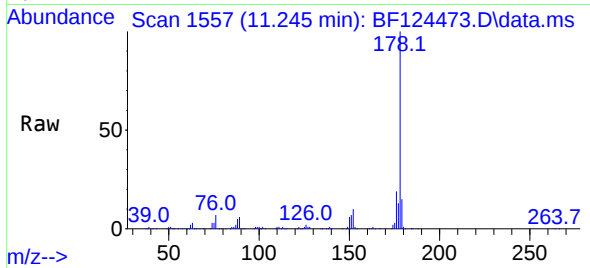
#70  
Pentachlorophenol  
Concen: 118.926 ng  
RT: 11.033 min Scan# 1521  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:266 Resp: 69963  
Ion Ratio Lower Upper  
266 100  
268 58.5 51.6 77.4  
264 59.6 52.6 78.8

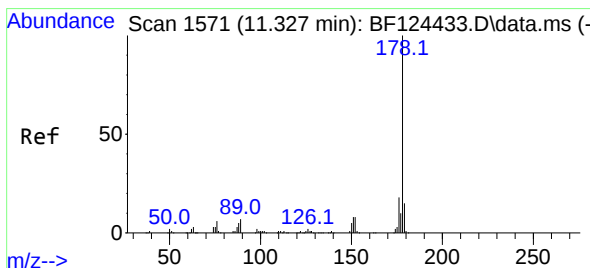
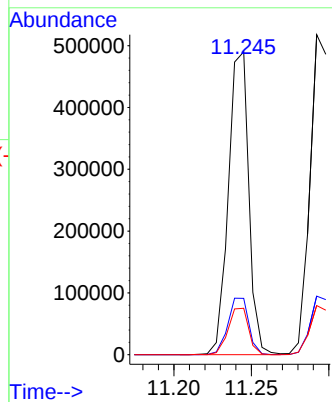
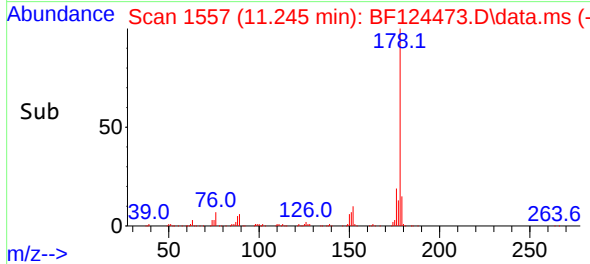




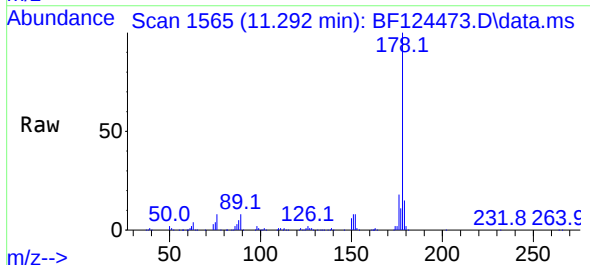
#71  
Phenanthrene  
Concen: 44.463 ng  
RT: 11.245 min Scan# 1557  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



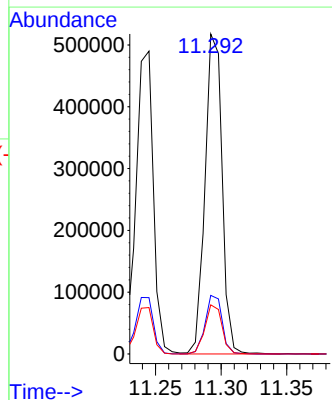
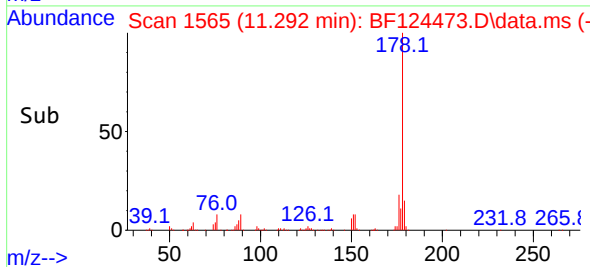
Tgt Ion:178 Resp: 449748  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.6 23.4  
179 15.3 12.5 18.7



#72  
Anthracene  
Concen: 46.687 ng  
RT: 11.292 min Scan# 1565  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



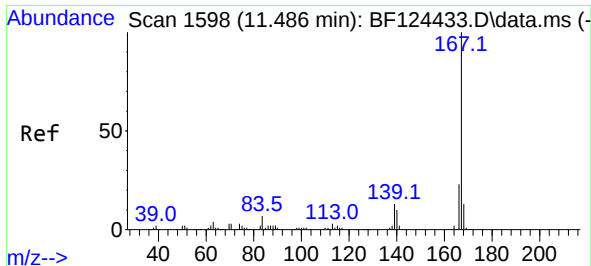
Tgt Ion:178 Resp: 470531  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.4 23.0  
179 15.4 12.6 18.8



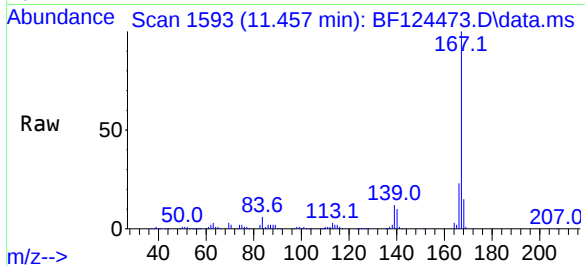
Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

Manual Integrations  
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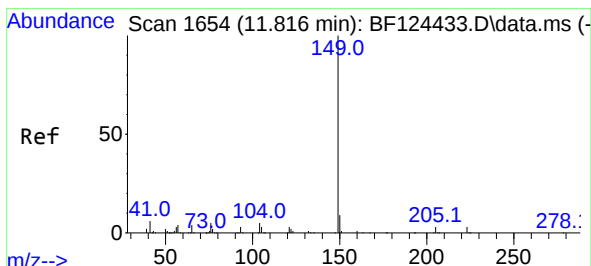
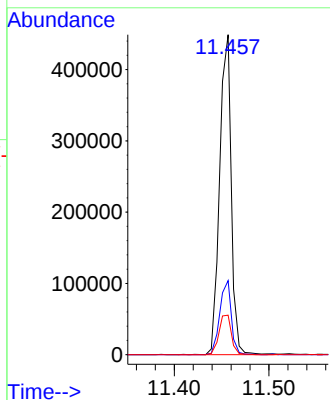
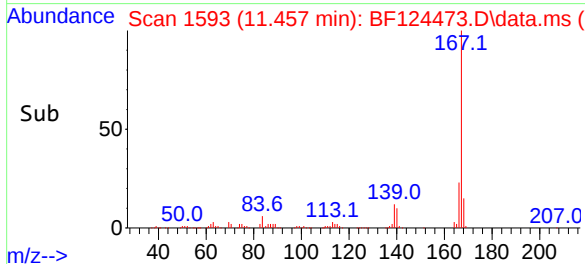
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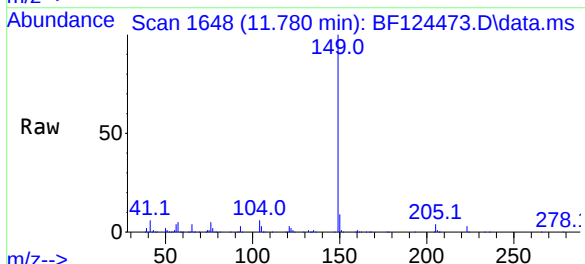
#73  
Carbazole  
Concen: 43.667 ng  
RT: 11.457 min Scan# 1593  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



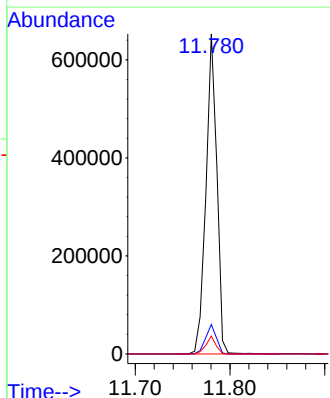
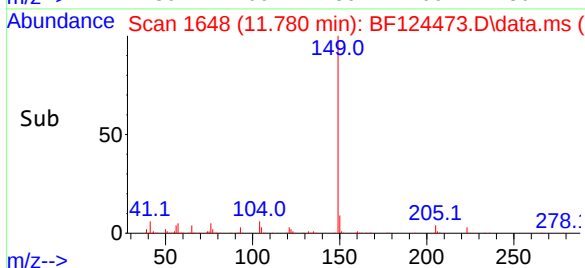
Tgt Ion:167 Resp: 383555  
Ion Ratio Lower Upper  
167 100  
166 23.1 17.0 25.6  
139 12.4 10.4 15.6



#74  
Di-n-butylphthalate  
Concen: 49.600 ng  
RT: 11.780 min Scan# 1648  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



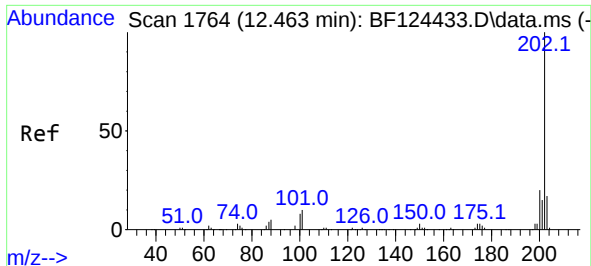
Tgt Ion:149 Resp: 518793  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.8 11.8  
104 5.6 4.6 6.8



Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

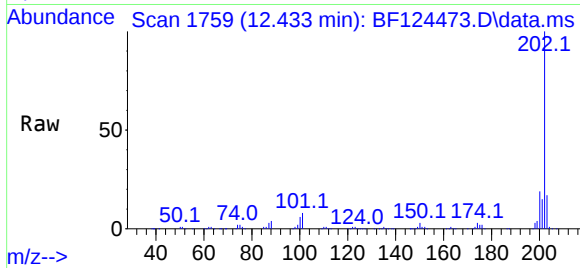
Manual Integrations  
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#75  
Fluoranthene  
Concen: 45.901 ng  
RT: 12.433 min Scan# 1759  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

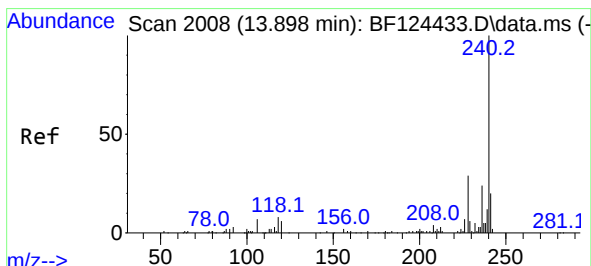
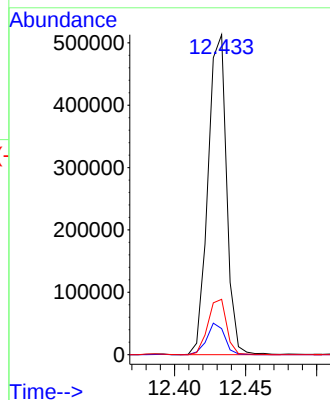
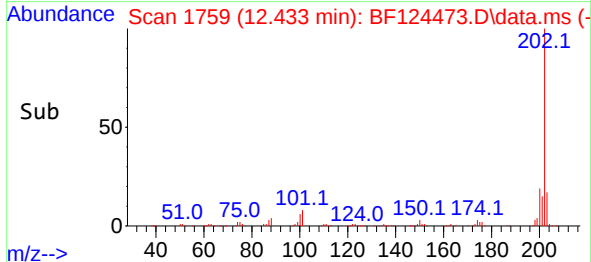
Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS



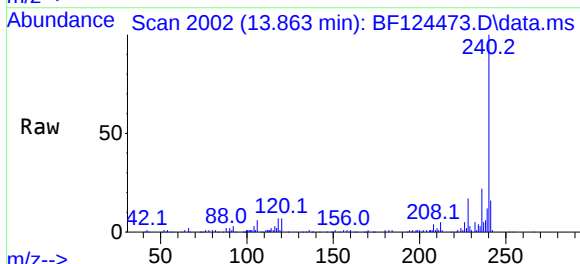
Tgt Ion:202 Resp: 467227  
Ion Ratio Lower Upper  
202 100  
101 8.1 0.0 30.9  
203 17.3 0.0 37.5

Manual Integrations  
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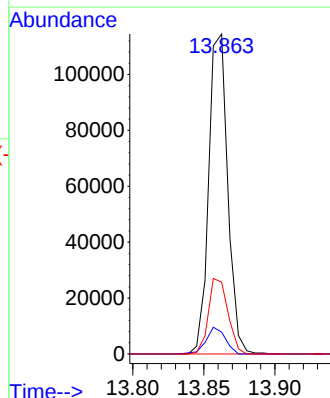
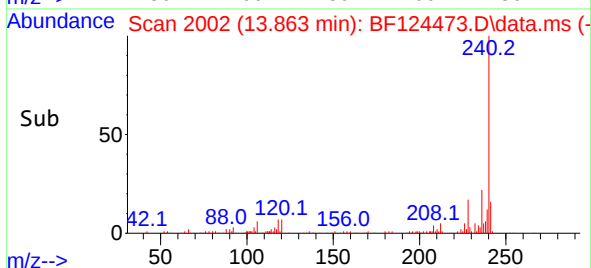
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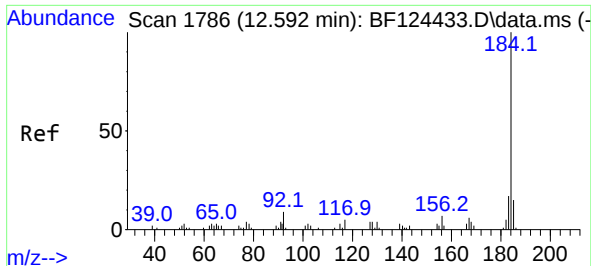


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.863 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

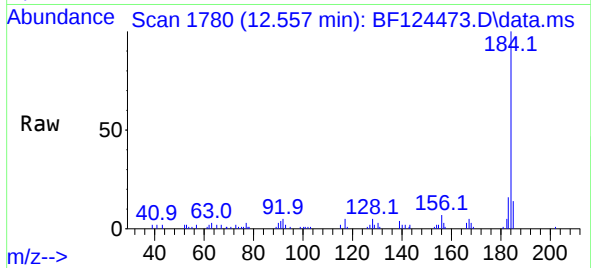


Tgt Ion:240 Resp: 107131  
Ion Ratio Lower Upper  
240 100  
120 6.8 7.2 10.8#  
236 22.5 19.0 28.4

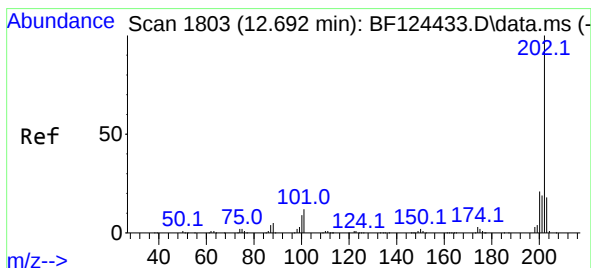
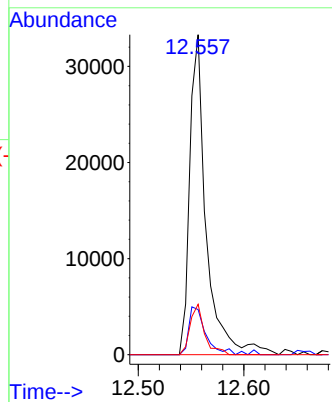
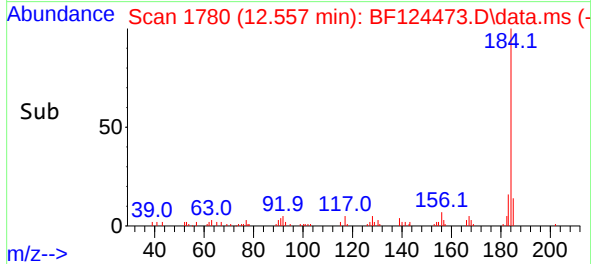




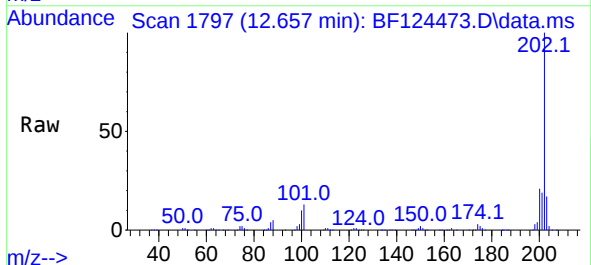
#77  
Benzidine  
Concen: 16.725 ng m  
RT: 12.557 min Scan# 1780  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



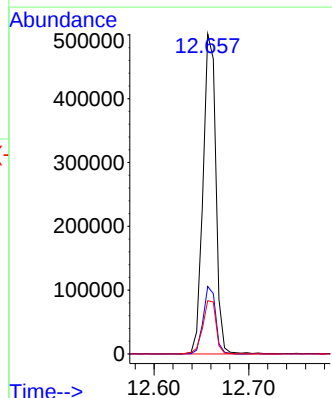
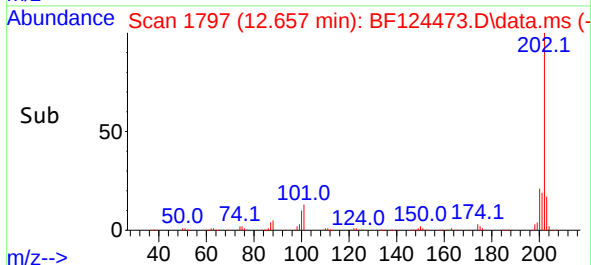
Tgt Ion:184 Resp: 35910  
Ion Ratio Lower Upper  
184 100  
185 14.1 12.1 18.1  
183 15.7 7.8 11.8#



#78  
Pyrene  
Concen: 48.296 ng  
RT: 12.657 min Scan# 1797  
Delta R.T. -0.012 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



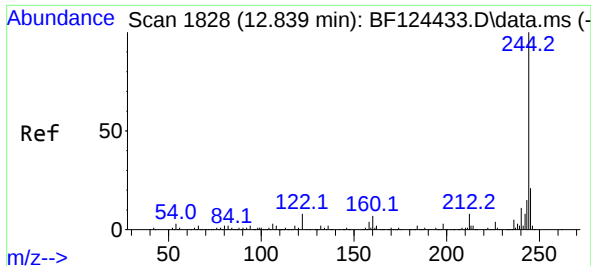
Tgt Ion:202 Resp: 472289  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.1 24.1  
203 16.6 14.8 22.2



Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

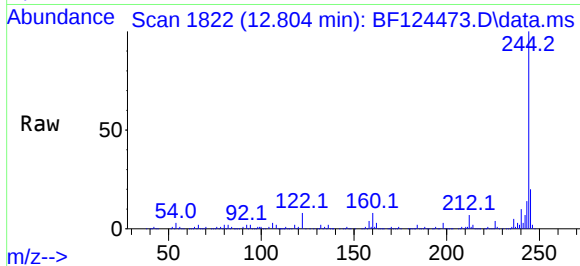
Manual Integrations  
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#79  
Terphenyl-d14  
Concen: 93.664 ng  
RT: 12.804 min Scan# 1822  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

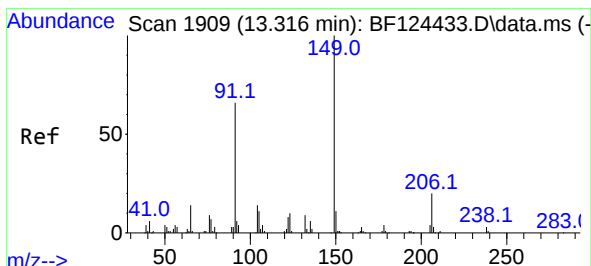
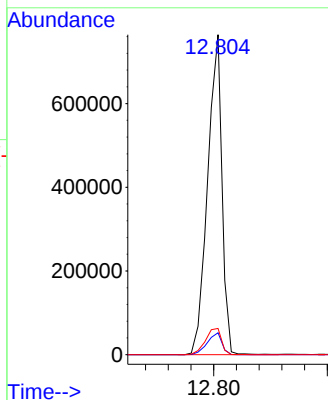
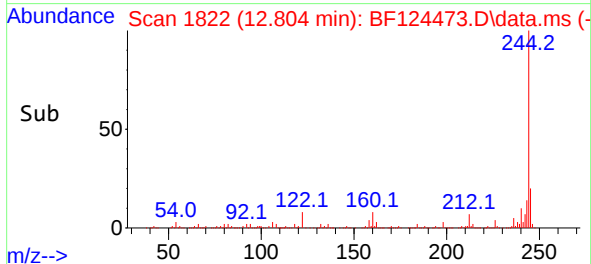
Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS



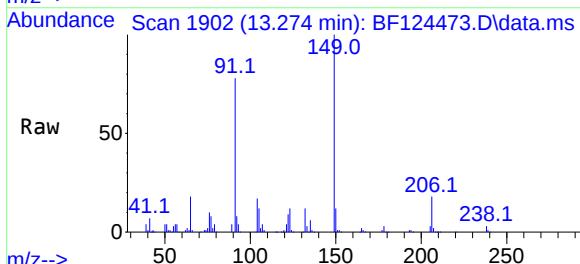
Tgt Ion:244 Resp: 669944  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.7 8.5  
122 8.2 9.7 14.5#

Manual Integrations  
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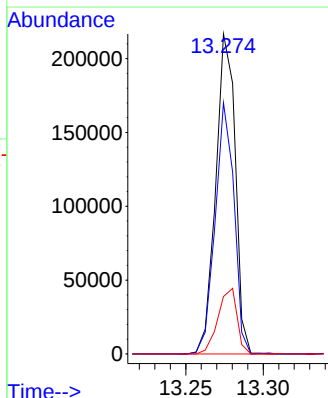
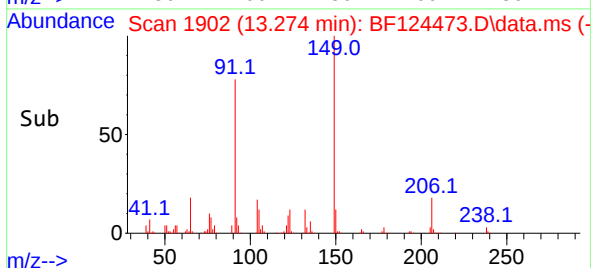
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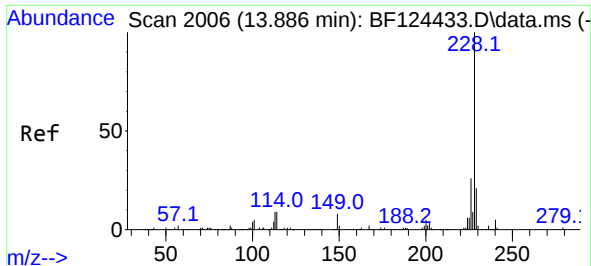


#80  
Butylbenzylphthalate  
Concen: 48.976 ng  
RT: 13.274 min Scan# 1902  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



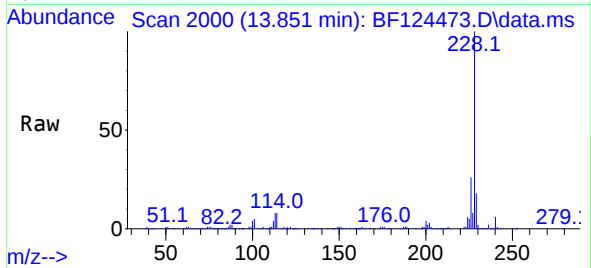
Tgt Ion:149 Resp: 190180  
Ion Ratio Lower Upper  
149 100  
91 78.5 63.6 95.4  
206 17.9 14.5 21.7





#81  
Benzo(a)anthracene  
Concen: 44.660 ng  
RT: 13.851 min Scan# 2000  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

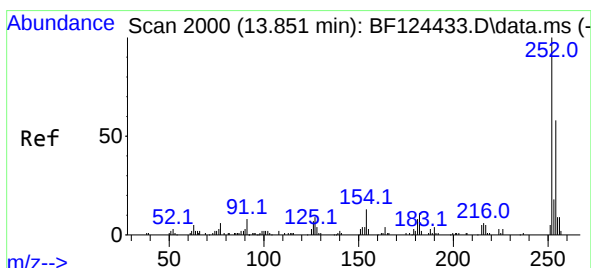
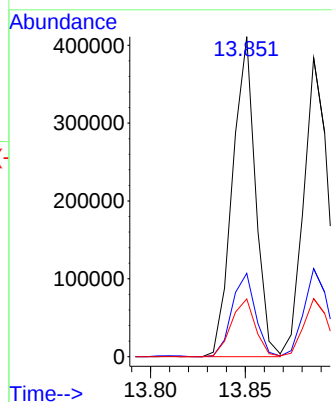
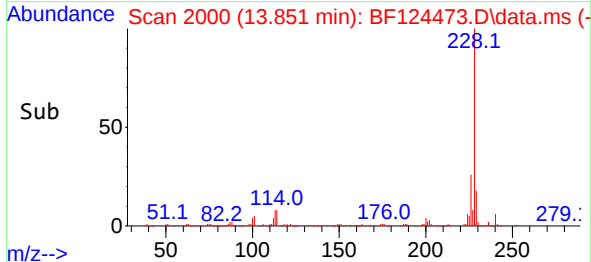
Instrument :  
BNA\_F  
ClientSampled :  
ABN-1MS



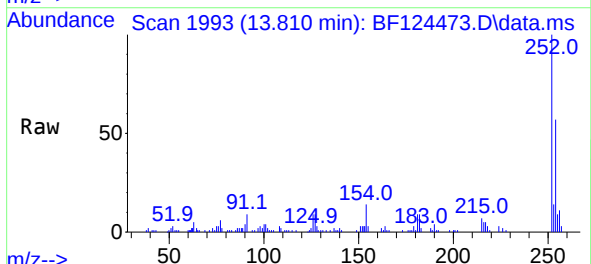
Tgt Ion:228 Resp: 344943  
Ion Ratio Lower Upper  
228 100  
226 26.0 22.4 33.6  
229 18.1 16.0 24.0

Manual Integrations  
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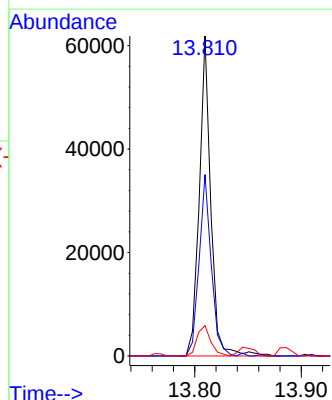
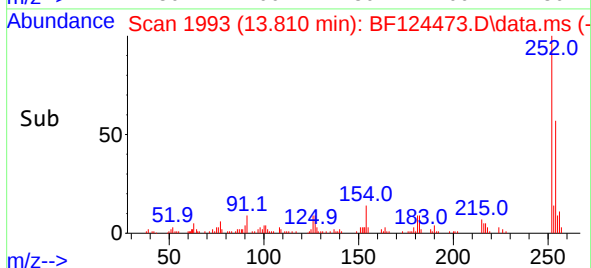
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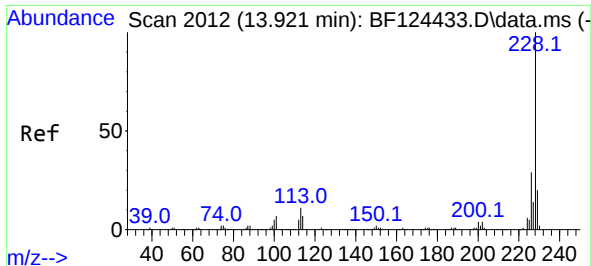


#82  
3,3'-Dichlorobenzidine  
Concen: 18.810 ng  
RT: 13.810 min Scan# 1993  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



Tgt Ion:252 Resp: 46549  
Ion Ratio Lower Upper  
252 100  
254 56.7 51.1 76.7  
126 9.5 7.7 11.5





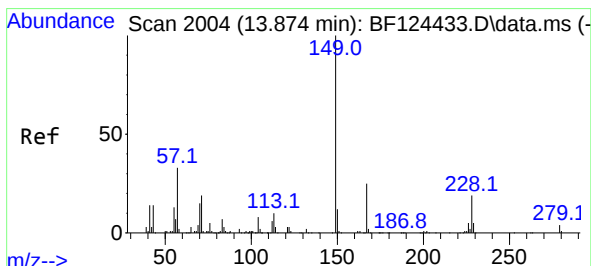
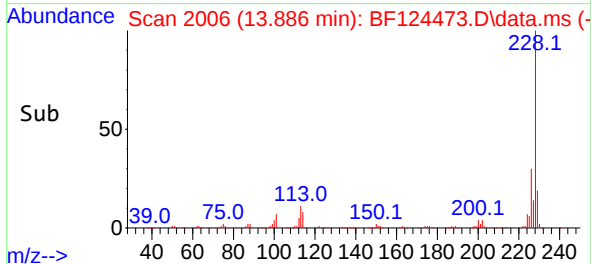
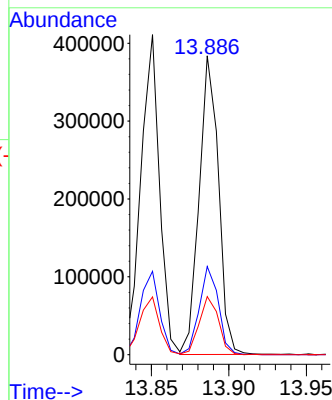
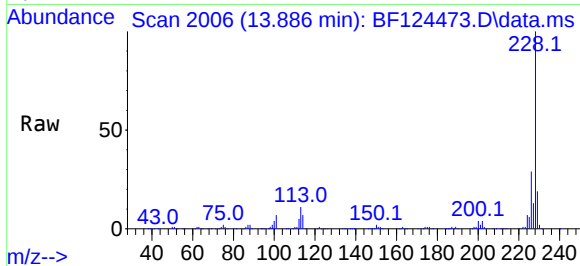
#83  
Chrysene  
Concen: 43.482 ng  
RT: 13.886 min Scan# 2006  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

Tgt Ion:228 Resp: 332825  
Ion Ratio Lower Upper  
228 100  
226 29.5 24.3 36.5  
229 19.5 16.2 24.2

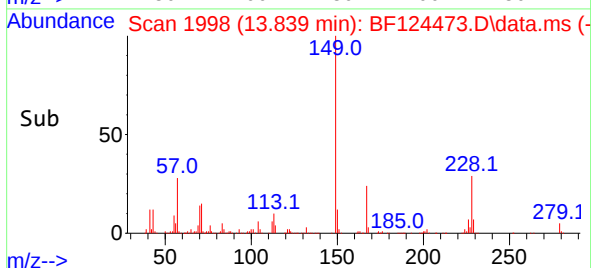
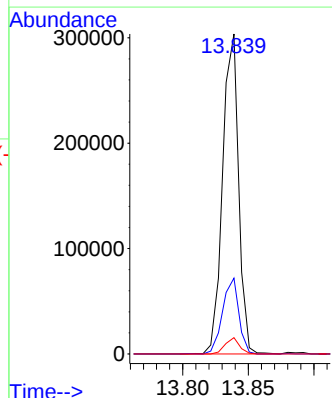
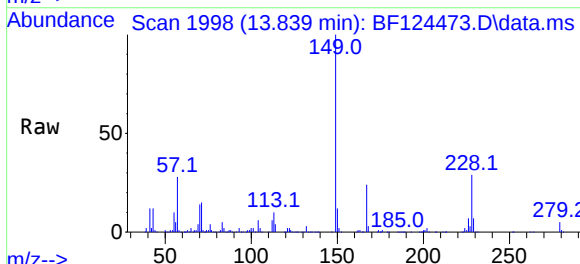
Manual Integrations  
APPROVED

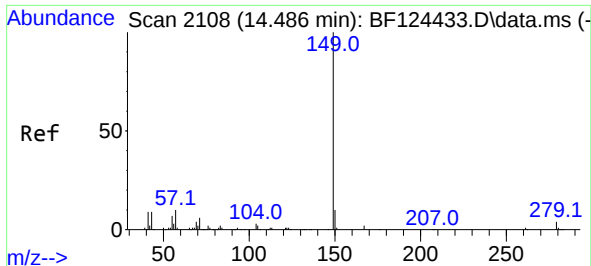
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.396 ng  
RT: 13.839 min Scan# 1998  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

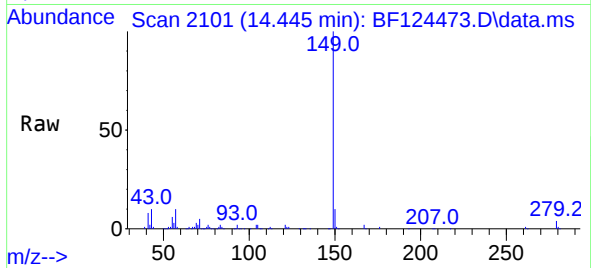
Tgt Ion:149 Resp: 256995  
Ion Ratio Lower Upper  
149 100  
167 23.7 21.8 32.6  
279 5.1 3.3 4.9#





#85  
Di-n-octyl phthalate  
Concen: 40.112 ng  
RT: 14.445 min Scan# 2101  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

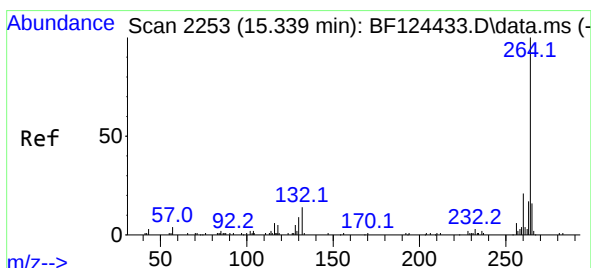
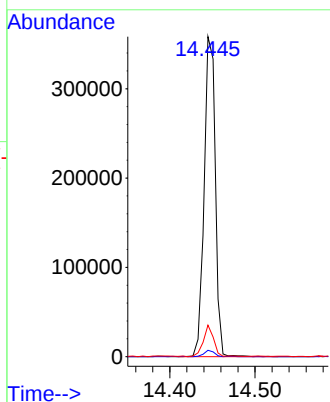
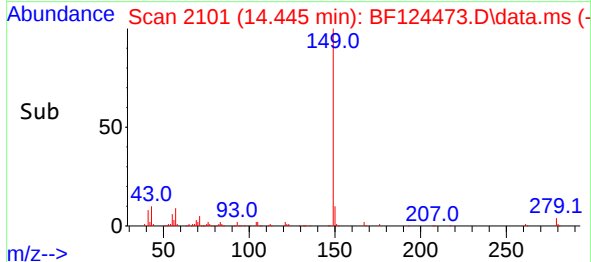
Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS



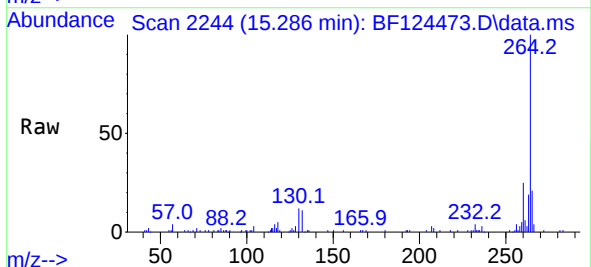
Tgt Ion:149 Resp: 325018  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.2 1.8#  
43 9.3 11.8 17.6#

Manual Integrations  
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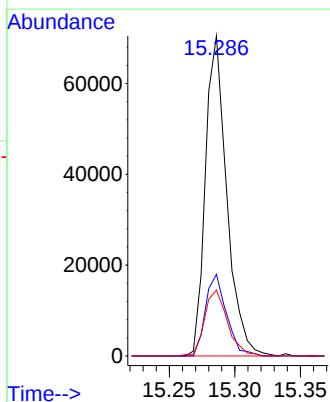
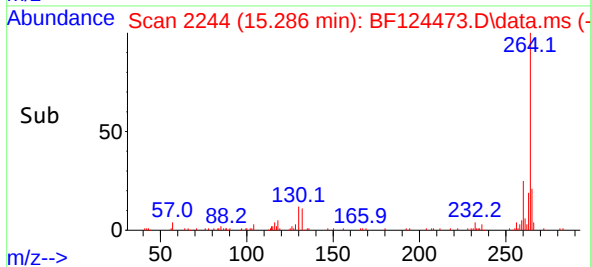
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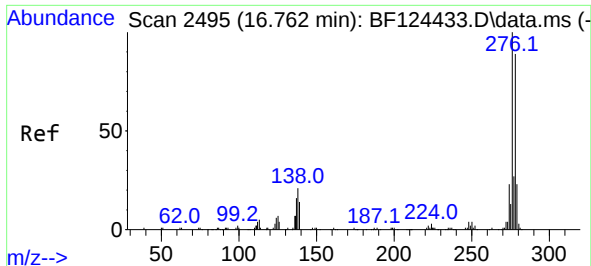


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.286 min Scan# 2244  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26



Tgt Ion:264 Resp: 79877  
Ion Ratio Lower Upper  
264 100  
260 25.5 18.7 28.1  
265 20.6 17.8 26.8





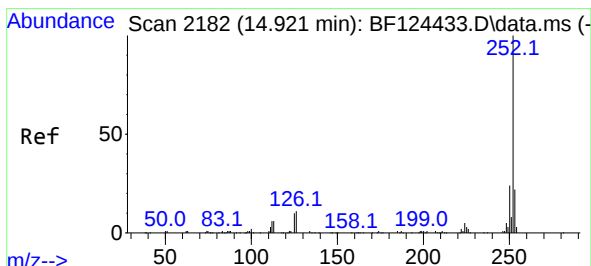
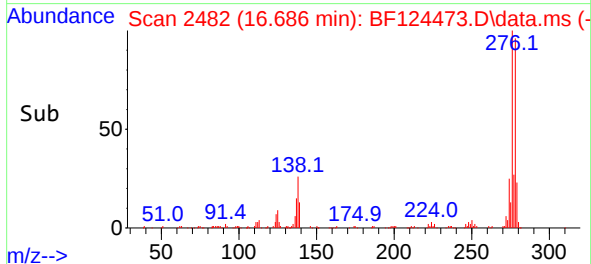
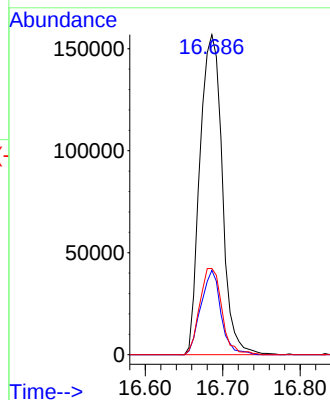
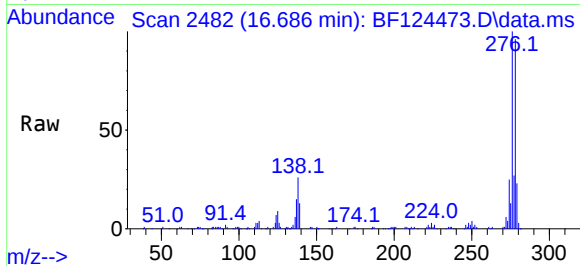
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 49.664 ng  
RT: 16.686 min Scan# 2482  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 312843 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 23.8  | 16.2  | 24.2   |
| 277       | 26.8  | 20.1  | 30.1   |

Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

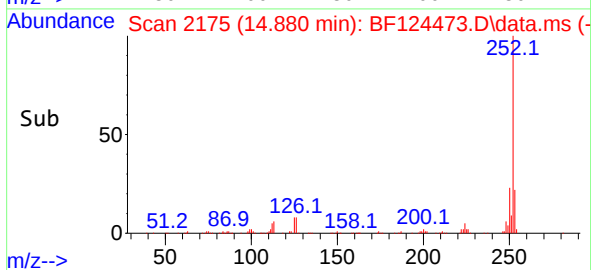
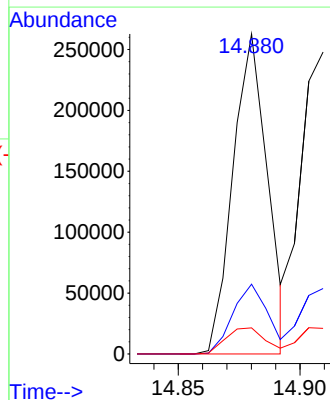
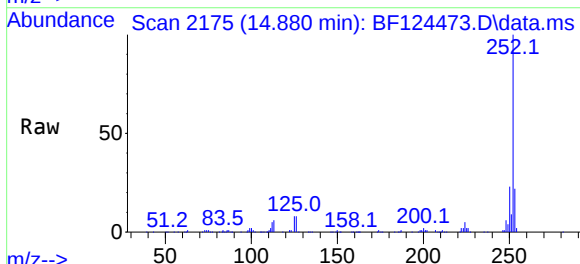
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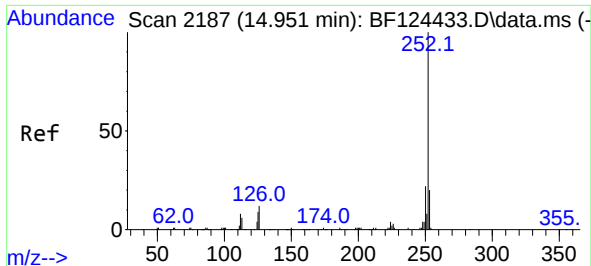
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#88  
Benzo(b)fluoranthene  
Concen: 42.871 ng  
RT: 14.880 min Scan# 2175  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 259494 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.8  | 18.1  | 27.1   |
| 125       | 8.1   | 6.2   | 9.4    |





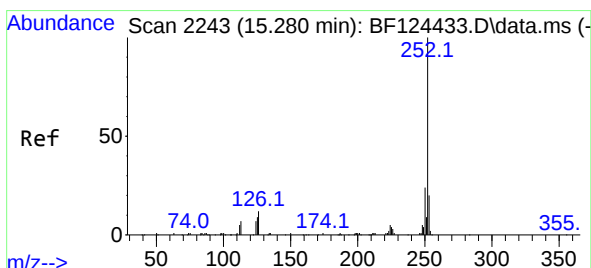
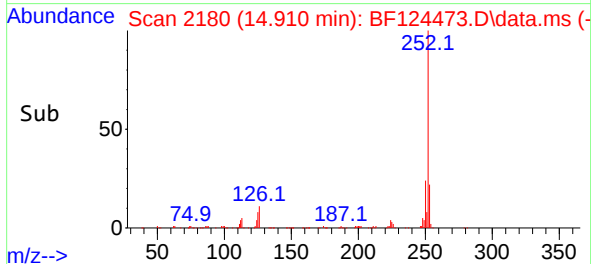
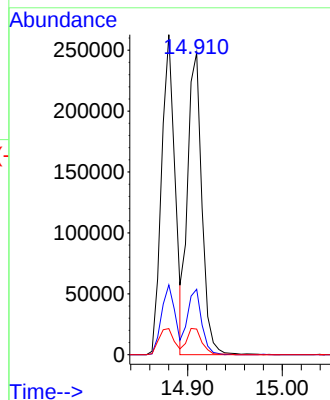
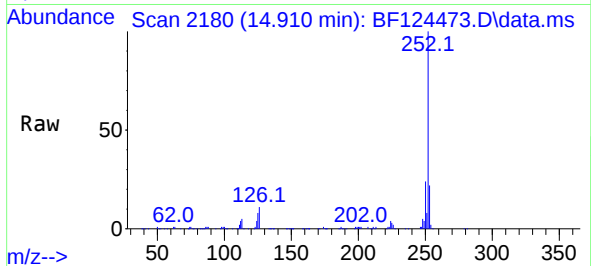
#89  
Benzo(k)fluoranthene  
Concen: 46.813 ng  
RT: 14.910 min Scan# 2180  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

Tgt Ion:252 Resp: 259234  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.9 26.9  
125 8.5 7.0 10.6

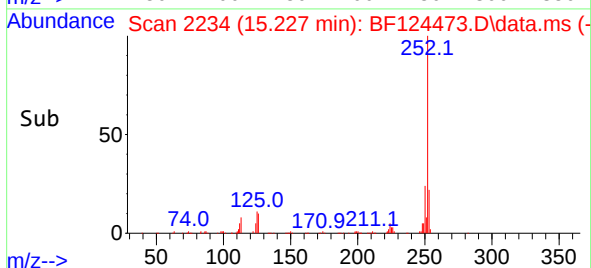
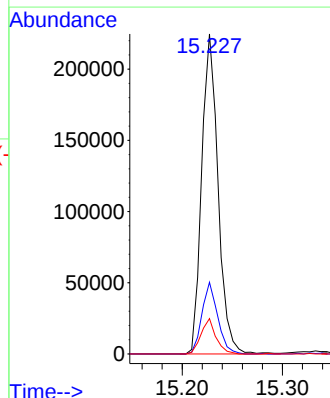
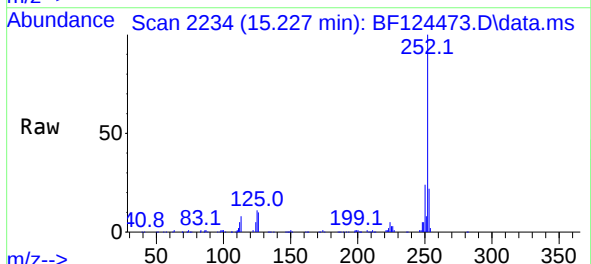
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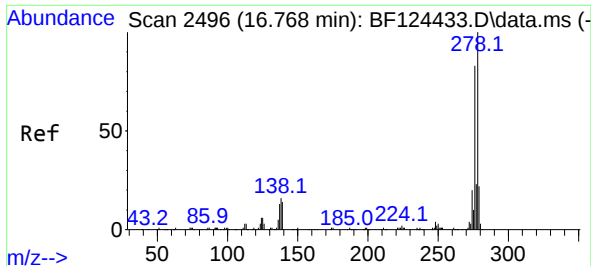
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#90  
Benzo(a)pyrene  
Concen: 47.544 ng  
RT: 15.227 min Scan# 2234  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion:252 Resp: 255730  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.4 27.6  
125 11.1 8.0 12.0





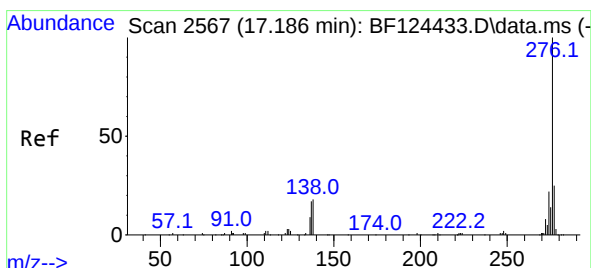
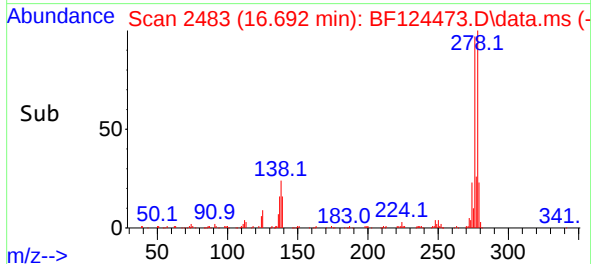
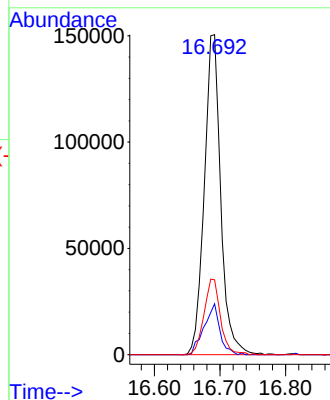
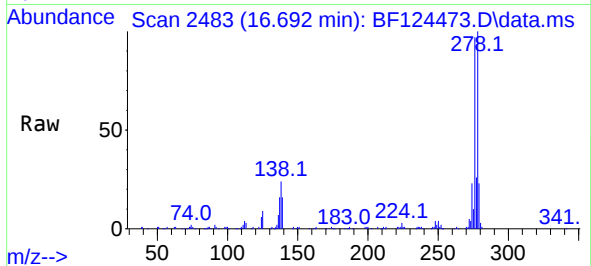
#91  
Dibenzo(a,h)anthracene  
Concen: 48.455 ng  
RT: 16.692 min Scan# 2483  
Delta R.T. 0.000 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion: 278 Resp: 262914  
Ion Ratio Lower Upper  
278 100  
139 15.9 10.2 15.2#  
279 23.4 19.4 29.0

Instrument :  
BNA\_F  
ClientSampleId :  
ABN-1MS

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 48.954 ng  
RT: 17.103 min Scan# 2553  
Delta R.T. -0.006 min  
Lab File: BF124473.D  
Acq: 28 Jun 2021 17:26

Tgt Ion: 276 Resp: 261372  
Ion Ratio Lower Upper  
276 100  
277 24.2 18.2 27.2  
138 20.1 13.8 20.6

