

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM043021\  
 Data File : BM029721.D  
 Acq On : 29 Apr 2021 22:26  
 Operator : CG/JU  
 Sample : M2217-17MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 HTRCV2-GRAB-CF02-01MSD

Manual Integrations  
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5/3/2021 10:49:12 AM

Quant Time: Apr 30 01:09:09 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM043021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 29 17:34:54 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.599  | 152  | 68001    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.375 | 136  | 229949   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.245 | 164  | 146298   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.992 | 188  | 314782   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.180 | 240  | 387236   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.362 | 264  | 416969   | 20.00  | ng    | 0.01     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.199  | 112  | 331276   | 101.57 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.787  | 99   | 407091   | 91.92  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.751  | 82   | 268651   | 67.51  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.739 | 330  | 221697   | 95.45  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.863 | 172  | 763879   | 67.71  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.627 | 244  | 1246859  | 59.10  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.128  | 88   | 30072    | 24.29  | ng    | 93       |
| 3) Pyridine                   | 3.534  | 79   | 63414    | 25.74  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.446  | 42   | 28740    | 23.37  | ng    | # 75     |
| 6) Aniline                    | 6.934  | 93   | 78998    | 16.55  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.163  | 128  | 87391    | 21.81  | ng    | 94       |
| 9) Benzaldehyde               | 6.746  | 77   | 59261    | 34.27  | ng    | 86       |
| 10) Phenol                    | 6.810  | 94   | 97993    | 23.14  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.034  | 93   | 74501    | 22.43  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.487  | 146  | 110604   | 22.76  | ng    | # 95     |
| 13) 1,4-Dichlorobenzene       | 7.634  | 146  | 113313   | 22.84  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.946  | 146  | 106194   | 21.82  | ng    | 97       |
| 15) Benzyl Alcohol            | 7.846  | 79   | 68048    | 21.98  | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.122  | 45   | 73763    | 20.50  | ng    | 92       |
| 17) 2-Methylphenol            | 8.046  | 107  | 67307    | 22.28  | ng    | 96       |
| 18) Hexachloroethane          | 8.663  | 117  | 33259    | 19.19  | ng    | # 82     |
| 19) n-Nitroso-di-n-propyla... | 8.404  | 70   | 58055    | 20.31  | ng    | 89       |
| 20) 3+4-Methylphenols         | 8.375  | 107  | 85373    | 21.08  | ng    | 95       |
| 22) Acetophenone              | 8.422  | 105  | 122356   | 23.59  | ng    | # 93     |
| 24) Nitrobenzene              | 8.793  | 77   | 84286    | 21.03  | ng    | 96       |
| 25) Isophorone                | 9.316  | 82   | 144104   | 19.60  | ng    | 95       |
| 26) 2-Nitrophenol             | 9.498  | 139  | 39267    | 19.00  | ng    | 89       |
| 27) 2,4-Dimethylphenol        | 9.569  | 122  | 73029    | 24.78  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 9.804  | 93   | 90914    | 23.24  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.034 | 162  | 88145    | 21.69  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.245 | 180  | 110104   | 22.30  | ng    | 97       |
| 31) Naphthalene               | 10.428 | 128  | 255049   | 21.68  | ng    | 99       |
| 32) Benzoic acid              | 9.698  | 122  | 44559    | 22.34  | ng    | 90       |
| 33) 4-Chloroaniline           | 10.551 | 127  | 49883    | 11.10  | ng    | 94       |
| 34) Hexachlorobutadiene       | 10.710 | 225  | 76767    | 22.09  | ng    | 96       |
| 35) Caprolactam               | 11.334 | 113  | 21915m   | 22.22  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.681 | 107  | 70909    | 20.19  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.045 | 142  | 207054   | 22.89  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.269 | 142  | 186718   | 21.67  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.422 | 216  | 124307   | 23.28  | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 12.398 | 237  | 29831    | 13.33  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.669 | 196  | 76206    | 22.51  | ng    | 98       |

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Manual Integrations  
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5/3/2021 10:49:12 AM

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 QLast Update : Thu Apr 29 17:34:54 2021  
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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.751 | 196  | 81450    | 22.40 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.075 | 154  | 264389   | 23.94 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.116 | 162  | 197384   | 22.15 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.328 | 65   | 43122    | 23.42 | ng    | 88       |
| 49) Acenaphthylene            | 13.969 | 152  | 297254   | 22.09 | ng    | 98       |
| 50) Dimethylphthalate         | 13.710 | 163  | 270925   | 24.25 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.833 | 165  | 47621    | 18.82 | ng    | # 84     |
| 52) Acenaphthene              | 14.310 | 154  | 176870   | 21.21 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.163 | 138  | 36640    | 18.23 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.381 | 184  | 5060     | 7.59  | ng    | 92       |
| 55) Dibenzofuran              | 14.651 | 168  | 294096   | 20.93 | ng    | 95       |
| 56) 4-Nitrophenol             | 14.486 | 139  | 68071    | 41.83 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.628 | 165  | 59606    | 18.09 | ng    | 87       |
| 58) Fluorene                  | 15.298 | 166  | 240703   | 20.86 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.880 | 232  | 73430    | 21.73 | ng    | 90       |
| 60) Diethylphthalate          | 15.080 | 149  | 225099   | 20.60 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.298 | 204  | 130784   | 20.37 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.328 | 138  | 42842    | 20.97 | ng    | 87       |
| 63) Azobenzene                | 15.592 | 77   | 172918   | 19.34 | ng    | 87       |
| 65) 4,6-Dinitro-2-methylph... | 15.392 | 198  | 4887     | 2.24  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.516 | 169  | 207138   | 22.15 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.192 | 248  | 81078    | 21.64 | ng    | # 91     |
| 68) Hexachlorobenzene         | 16.304 | 284  | 91315    | 21.83 | ng    | # 90     |
| 69) Atrazine                  | 16.469 | 200  | 80828    | 22.30 | ng    | 97       |
| 70) Pentachlorophenol         | 16.651 | 266  | 113639   | 46.07 | ng    | 96       |
| 71) Phenanthrene              | 17.033 | 178  | 402053   | 22.66 | ng    | 99       |
| 72) Anthracene                | 17.127 | 178  | 392439   | 22.28 | ng    | 100      |
| 73) Carbazole                 | 17.398 | 167  | 337637   | 21.25 | ng    | 98       |
| 74) Di-n-butylphthalate       | 17.968 | 149  | 396988   | 21.15 | ng    | 98       |
| 75) Fluoranthene              | 19.057 | 202  | 497531   | 22.84 | ng    | 98       |
| 77) Benzidine                 | 19.251 | 184  | 317977   | 44.39 | ng    | 99       |
| 78) Pyrene                    | 19.415 | 202  | 519305   | 20.91 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.327 | 149  | 189397   | 20.00 | ng    | # 87     |
| 81) Benzo(a)anthracene        | 21.162 | 228  | 546785   | 21.70 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.104 | 252  | 183993   | 22.97 | ng    | # 97     |
| 83) Chrysene                  | 21.215 | 228  | 539930   | 21.60 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.104 | 149  | 293862   | 19.47 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 21.968 | 149  | 518406   | 20.45 | ng    | # 94     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.550 | 276  | 676806   | 21.44 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 22.709 | 252  | 575027   | 20.85 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 22.751 | 252  | 578597   | 21.65 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.268 | 252  | 564063   | 22.35 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 25.556 | 278  | 570908   | 20.95 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 26.221 | 276  | 578315   | 22.49 | ng    | 95       |

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

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Sample : M2217-17MSD  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

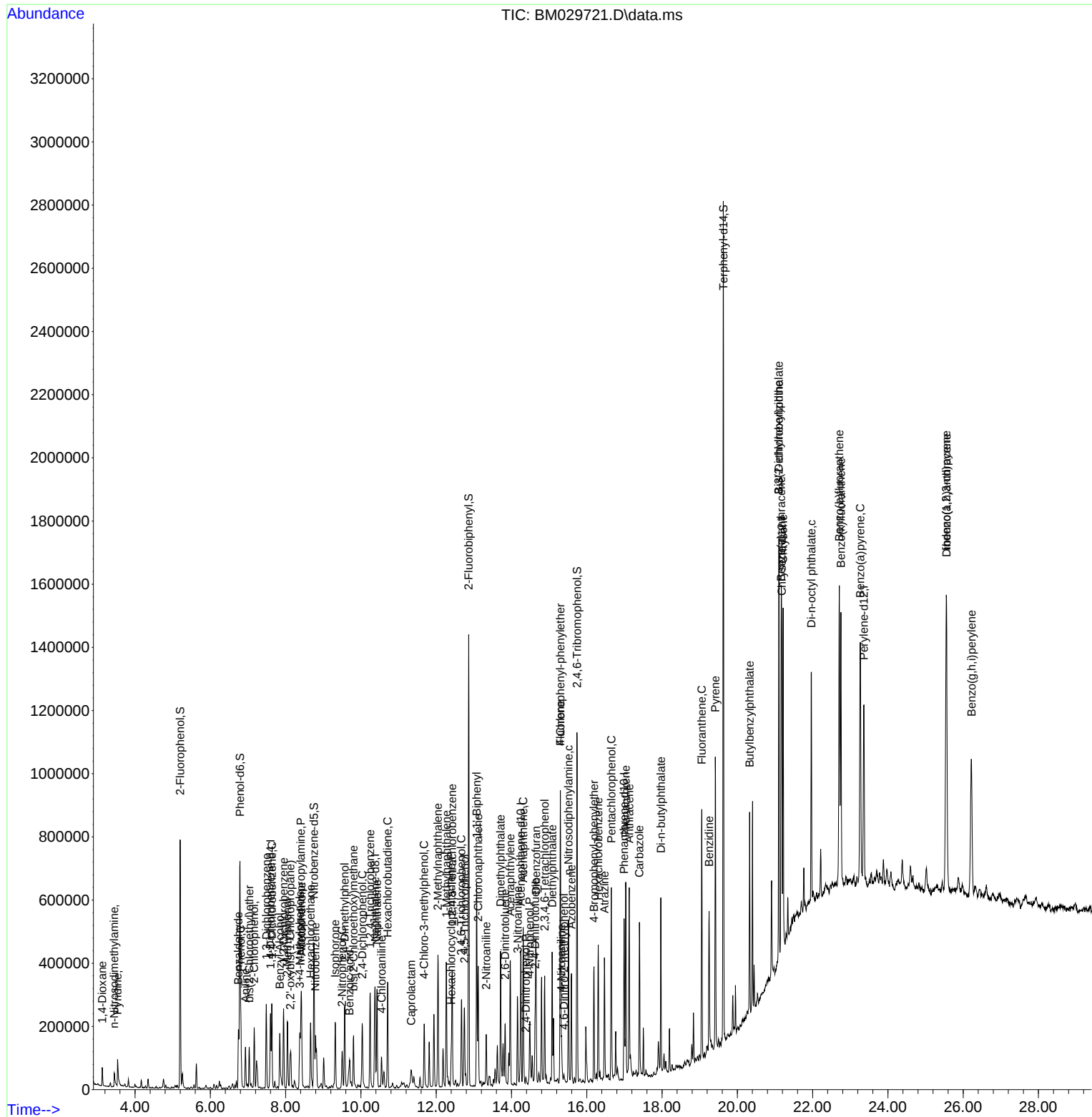
Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

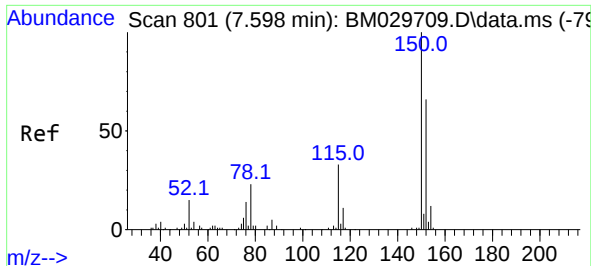
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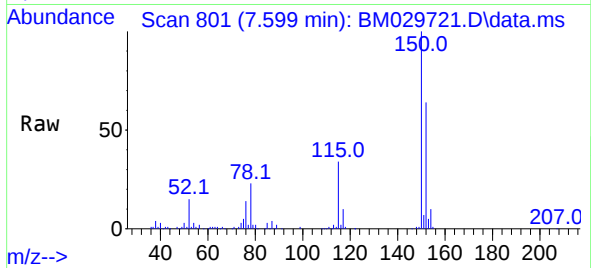
5/3/2021 10:49:12 AM

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QLast Update : Thu Apr 29 17:34:54 2021  
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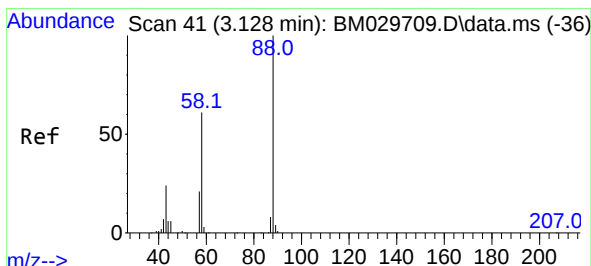
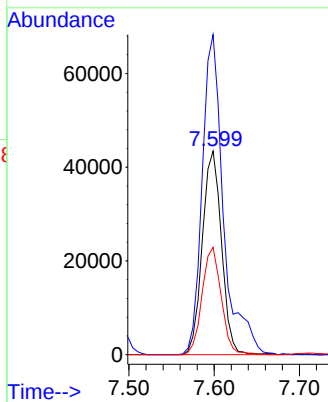
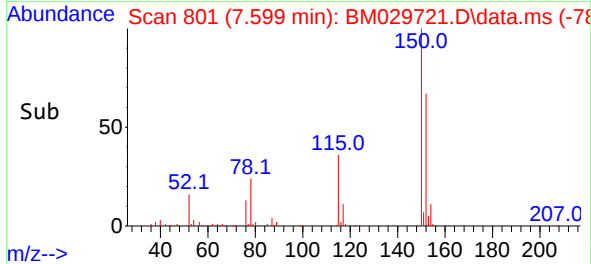




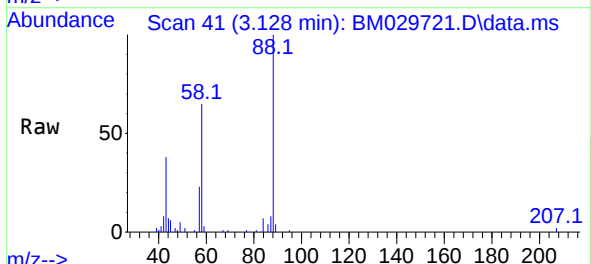
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.599 min Scan# 801  
Delta R.T. 0.001 min  
Lab File: BM029721.D  
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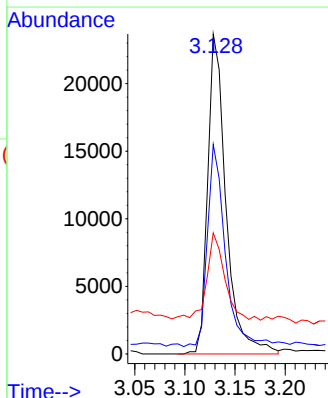
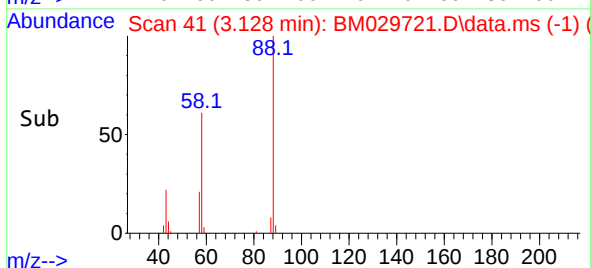
Tgt Ion:152 Resp: 68001  
Ion Ratio Lower Upper  
152 100  
150 157.2 125.9 188.9  
115 52.7 44.6 67.0



#2  
1,4-Dioxane  
Concen: 24.29 ng  
RT: 3.128 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



Tgt Ion: 88 Resp: 30072  
Ion Ratio Lower Upper  
88 100  
58 62.3 53.6 80.4  
43 26.6 25.8 38.6

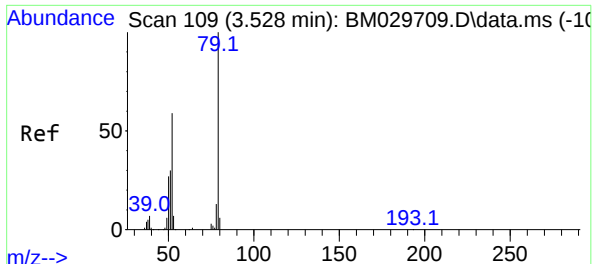


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#3  
Pyridine  
Concen: 25.74 ng  
RT: 3.534 min Scan# 110  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

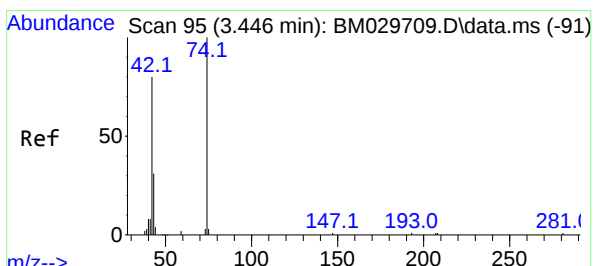
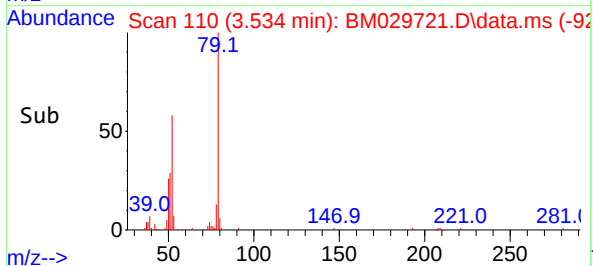
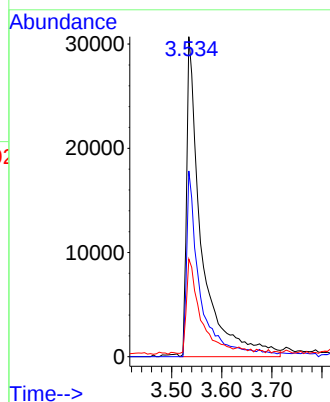
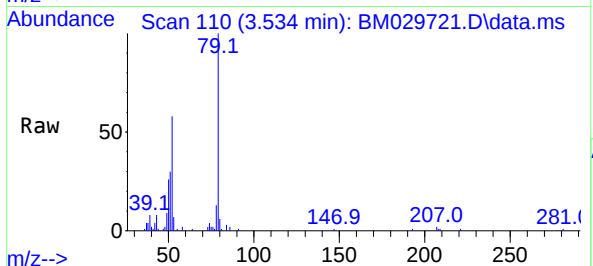
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|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 63414 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 58.0  | 48.2  | 72.2  |
| 51       | 30.5  | 27.9  | 41.9  |

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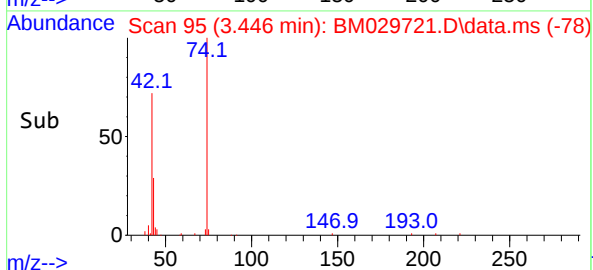
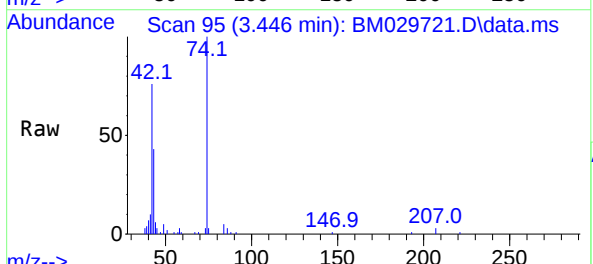
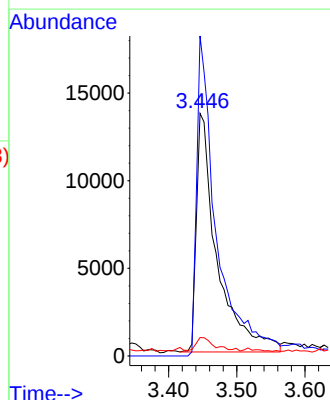
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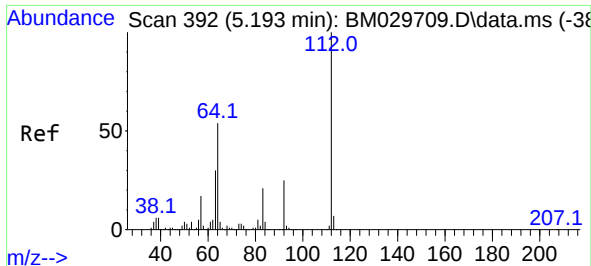
5/3/2021 10:49:12 AM



#4  
n-Nitrosodimethylamine  
Concen: 23.37 ng  
RT: 3.446 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

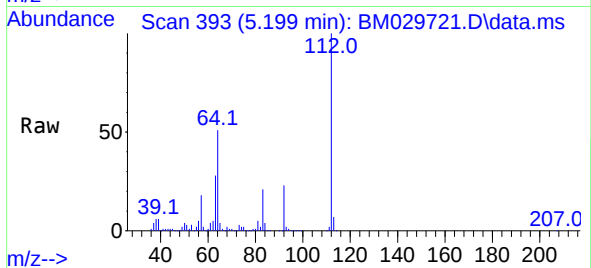
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 28740  |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 131.9 | 84.1  | 126.1# |
| 44       | 7.6   | 4.5   | 6.7#   |





#5  
2-Fluorophenol  
Concen: 101.57 ng  
RT: 5.199 min Scan# 393  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
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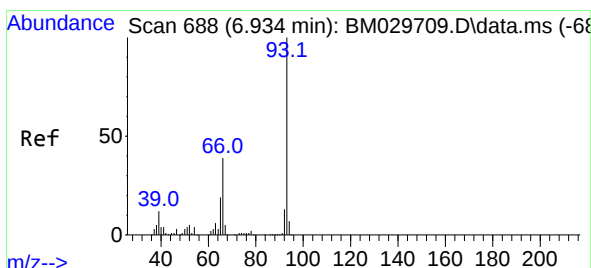
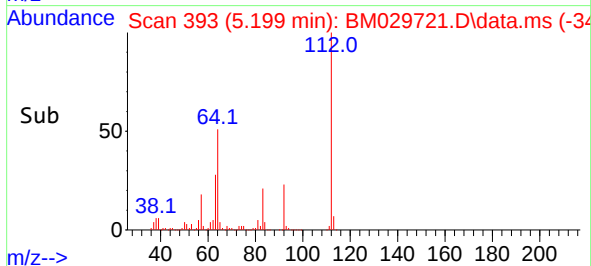
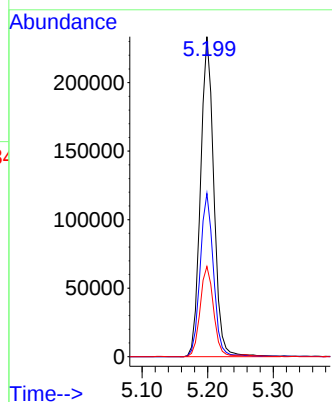


Tgt Ion: 112 Resp: 331276  
Ion Ratio Lower Upper  
112 100  
64 51.0 47.1 70.7  
63 28.2 27.3 40.9

Manual Integrations  
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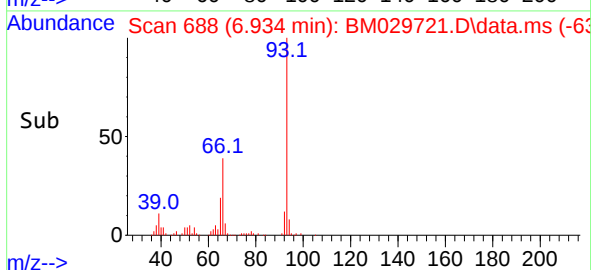
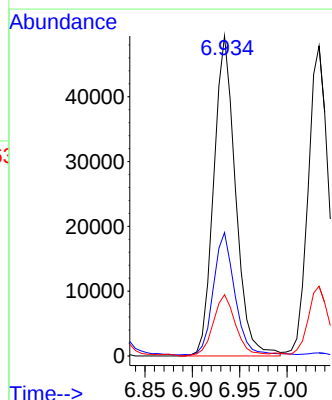
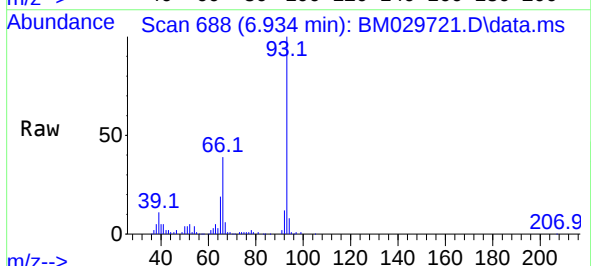
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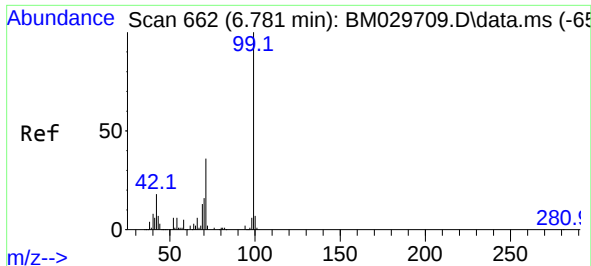
5/3/2021 10:49:12 AM



#6  
Aniline  
Concen: 16.55 ng  
RT: 6.934 min Scan# 688  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
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Tgt Ion: 93 Resp: 78998  
Ion Ratio Lower Upper  
93 100  
66 38.6 32.7 49.1  
65 19.1 16.8 25.2





#7  
Phenol-d6  
Concen: 91.92 ng  
RT: 6.787 min Scan# 663  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

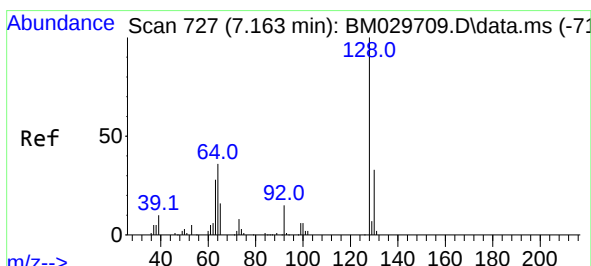
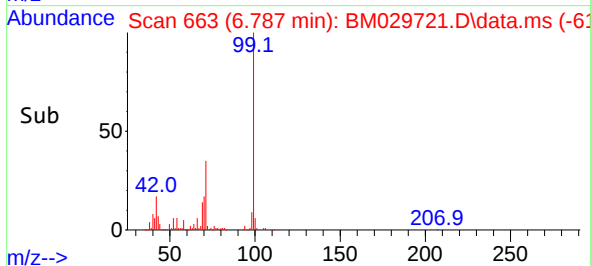
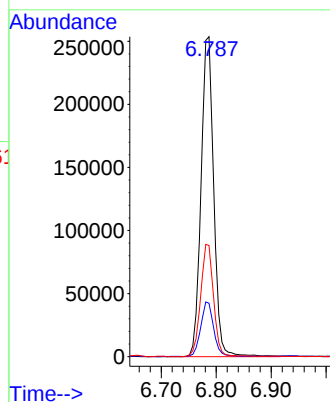
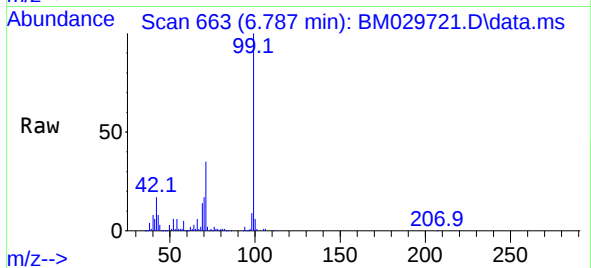
Tgt Ion: 99 Resp: 407091  
Ion Ratio Lower Upper  
99 100  
42 16.7 18.0 27.0#  
71 34.7 30.9 46.3

Instrument :  
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ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

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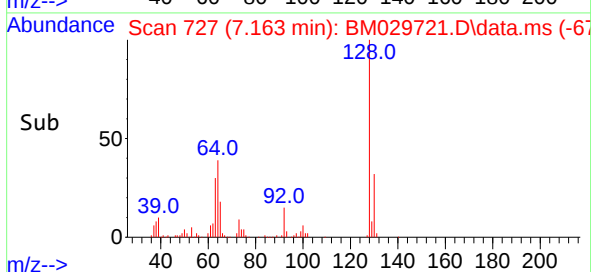
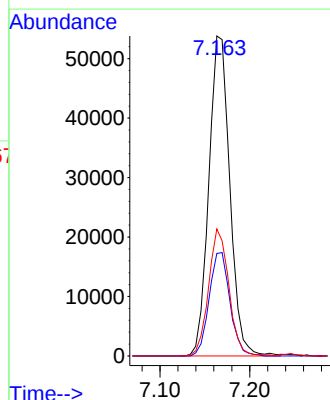
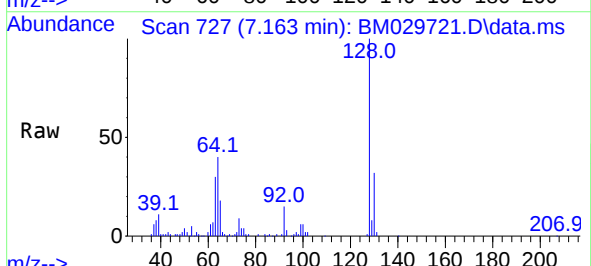
mohammad

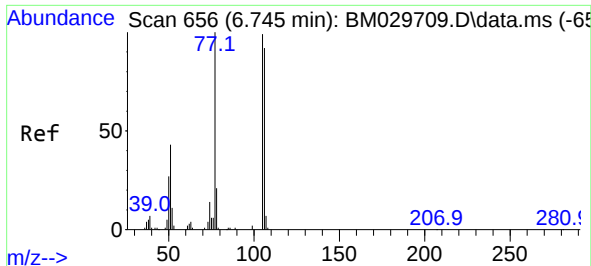
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#8  
2-Chlorophenol  
Concen: 21.81 ng  
RT: 7.163 min Scan# 727  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

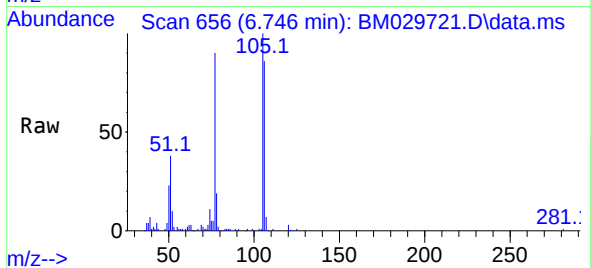
Tgt Ion:128 Resp: 87391  
Ion Ratio Lower Upper  
128 100  
130 32.0 13.5 53.5  
64 39.7 25.7 65.7





#9  
Benzaldehyde  
Concen: 34.27 ng  
RT: 6.746 min Scan# 656  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

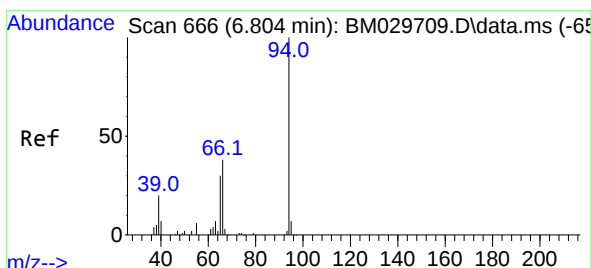
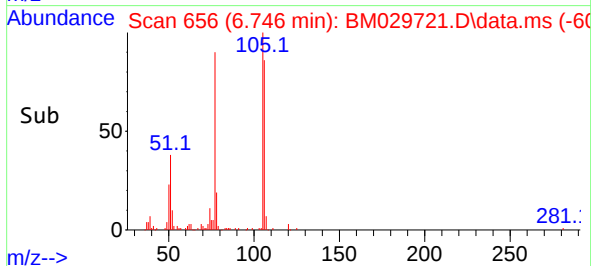
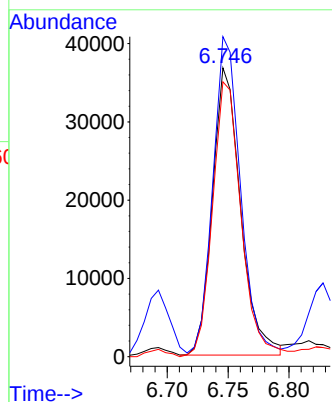


Tgt Ion: 77 Resp: 59261  
Ion Ratio Lower Upper  
77 100  
105 110.8 71.2 111.2  
106 95.2 68.6 108.6

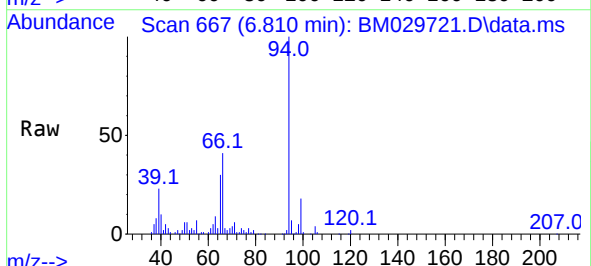
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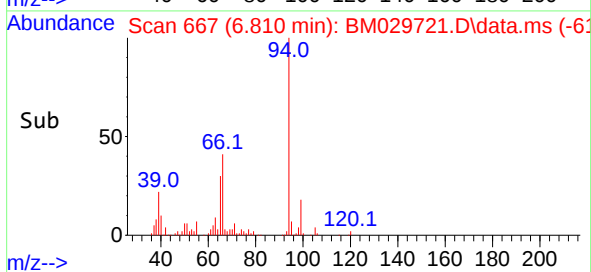
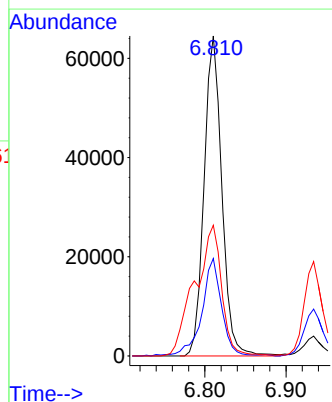
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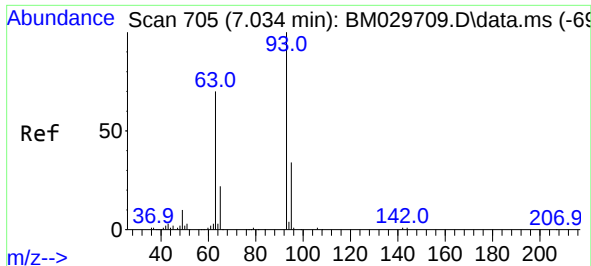


#10  
Phenol  
Concen: 23.14 ng  
RT: 6.810 min Scan# 667  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



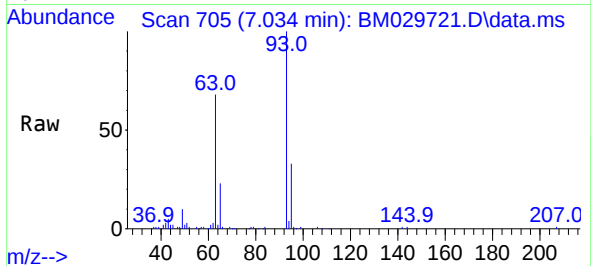
Tgt Ion: 94 Resp: 97993  
Ion Ratio Lower Upper  
94 100  
65 30.4 11.9 51.9  
66 40.8 22.6 62.6





#11  
bis(2-Chloroethyl)ether  
Concen: 22.43 ng  
RT: 7.034 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

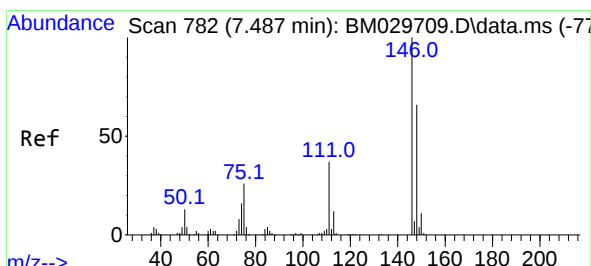
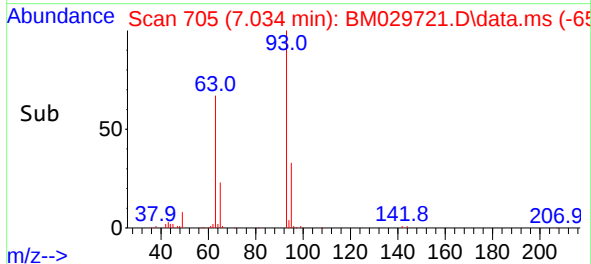
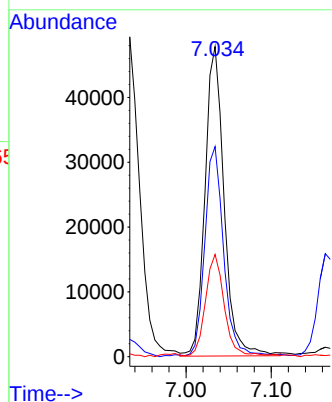


Tgt Ion: 93 Resp: 74501  
Ion Ratio Lower Upper  
93 100  
63 67.8 54.3 94.3  
95 33.0 12.7 52.7

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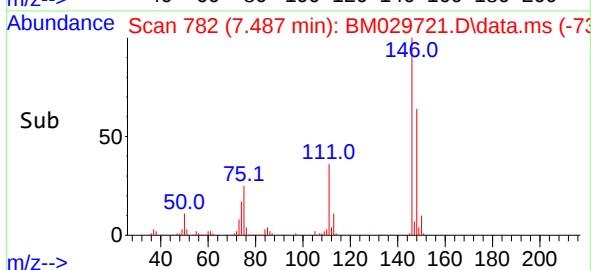
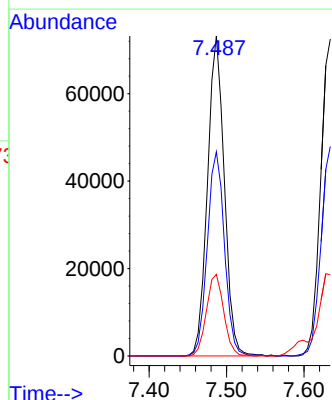
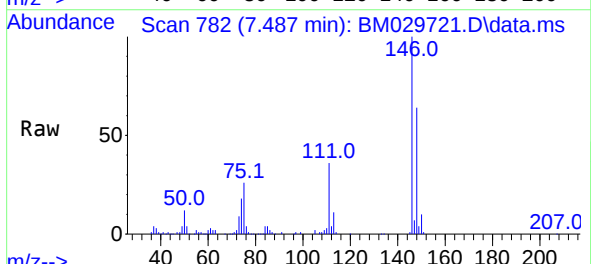
mohammad

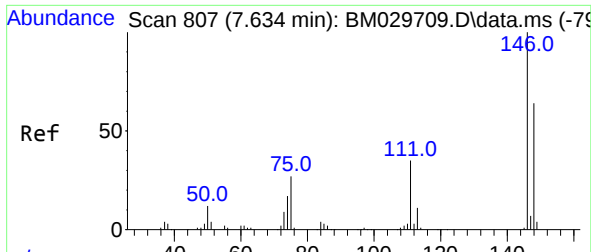
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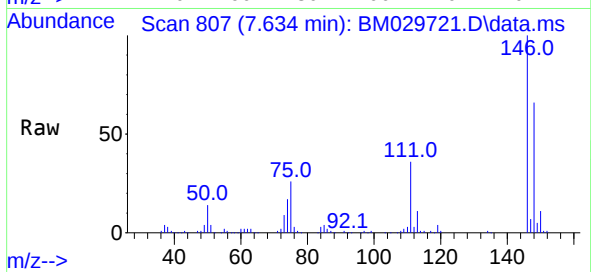
#12  
1,3-Dichlorobenzene  
Concen: 22.76 ng  
RT: 7.487 min Scan# 782  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Tgt Ion: 146 Resp: 110604  
Ion Ratio Lower Upper  
146 100  
148 63.8 52.2 78.4  
75 25.5 25.8 38.8#

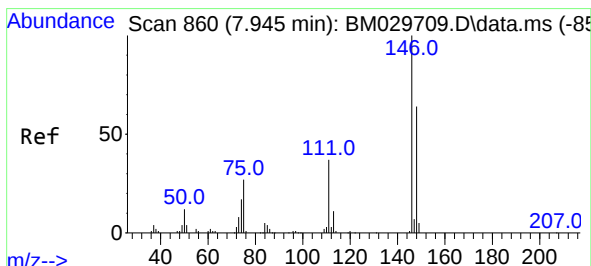
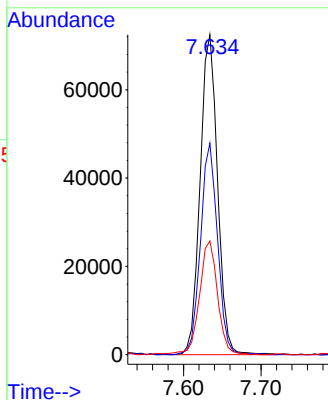
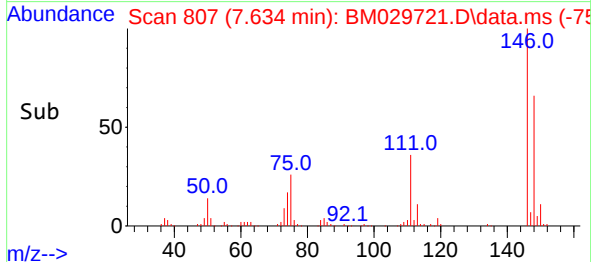




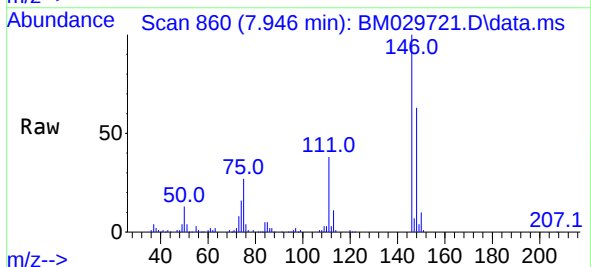
#13  
1,4-Dichlorobenzene  
Concen: 22.84 ng  
RT: 7.634 min Scan# 807  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



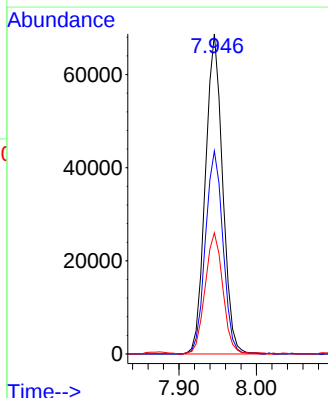
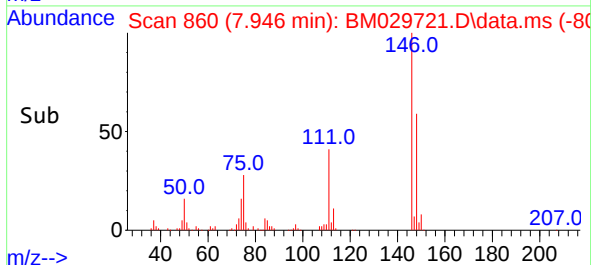
Tgt Ion:146 Resp: 113313  
Ion Ratio Lower Upper  
146 100  
148 66.1 51.8 77.8  
111 35.5 31.0 46.6



#14  
1,2-Dichlorobenzene  
Concen: 21.82 ng  
RT: 7.946 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



Tgt Ion:146 Resp: 106194  
Ion Ratio Lower Upper  
146 100  
148 63.4 51.7 77.5  
111 37.8 32.6 49.0

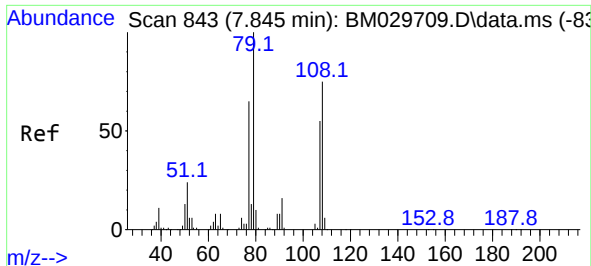


Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

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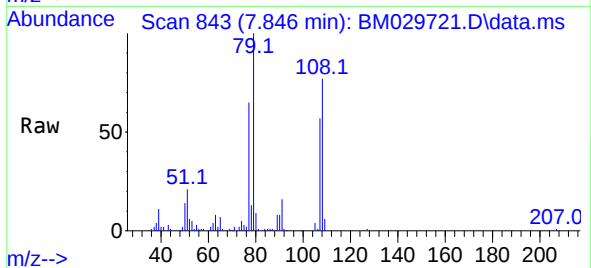
mohammad

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#15  
Benzyl Alcohol  
Concen: 21.98 ng  
RT: 7.846 min Scan# 843  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

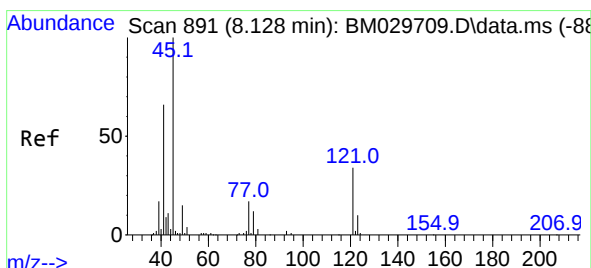
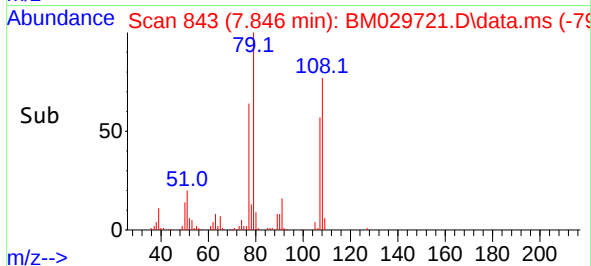
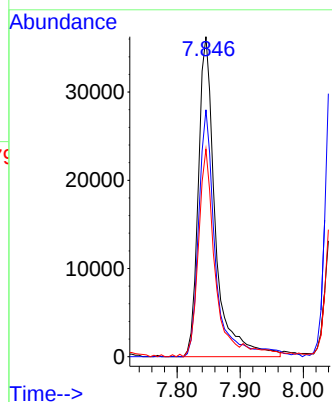


Tgt Ion: 79 Resp: 68048  
Ion Ratio Lower Upper  
79 100  
108 77.2 57.0 85.4  
77 64.8 54.6 81.8

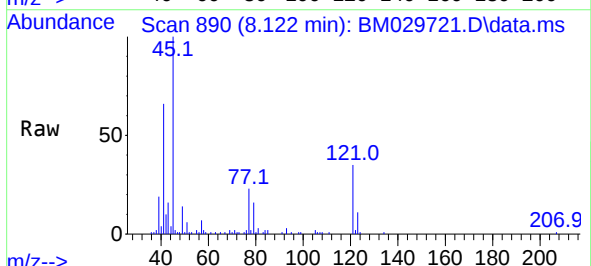
Manual Integrations  
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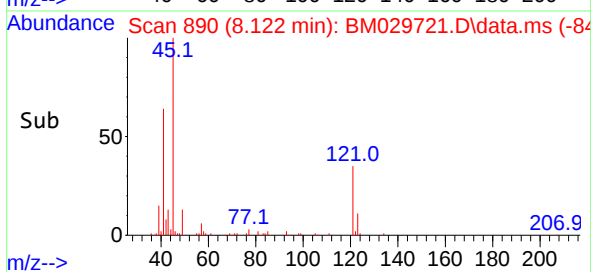
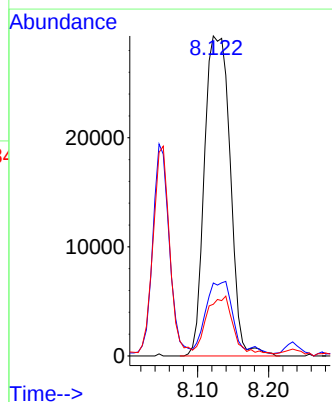
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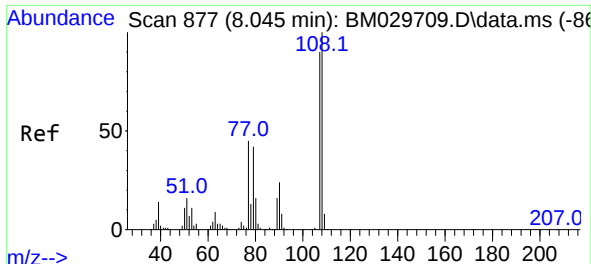


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 20.50 ng  
RT: 8.122 min Scan# 890  
Delta R.T. -0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



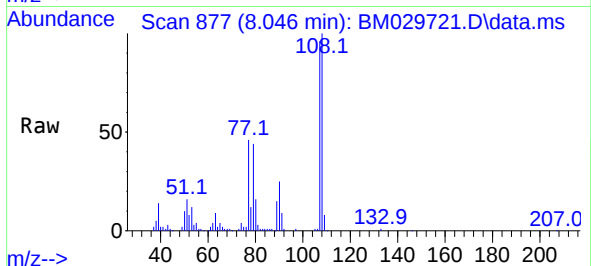
Tgt Ion: 45 Resp: 73763  
Ion Ratio Lower Upper  
45 100  
77 22.8 0.0 38.0  
79 16.2 0.0 34.1





#17  
2-Methylphenol  
Concen: 22.28 ng  
RT: 8.046 min Scan# 877  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

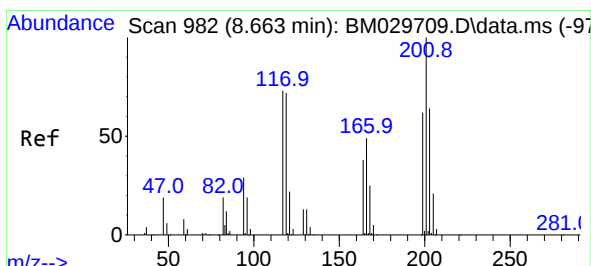
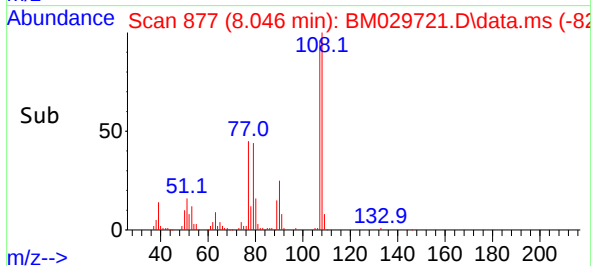
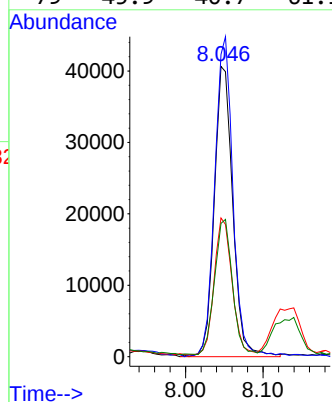


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 67307 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 104.1 | 85.0  | 127.6 |
| 77       | 47.8  | 41.3  | 61.9  |
| 79       | 45.9  | 40.7  | 61.1  |

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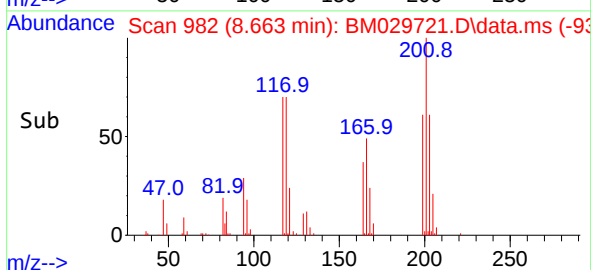
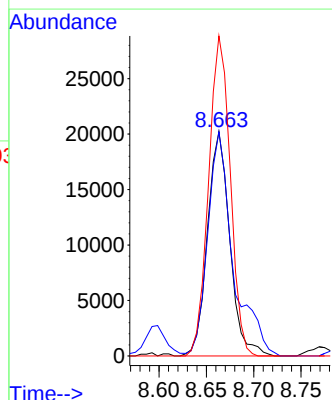
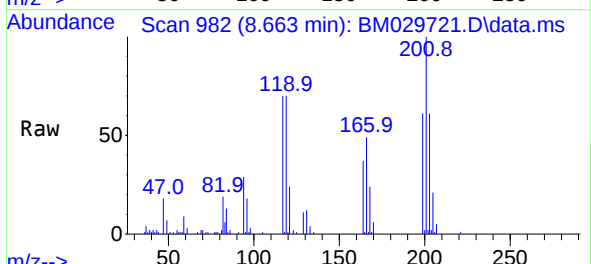
mohammad

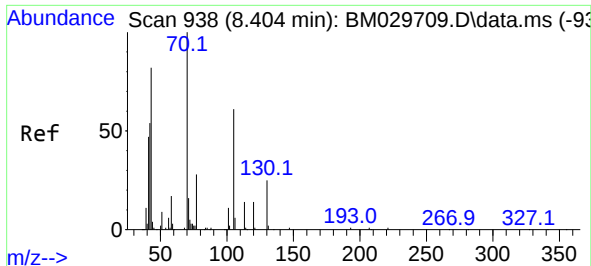
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#18  
Hexachloroethane  
Concen: 19.19 ng  
RT: 8.663 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 33259  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 99.9  | 76.2  | 114.2  |
| 201      | 142.6 | 89.8  | 134.6# |





#19  
n-Nitroso-di-n-propylamine  
Concen: 20.31 ng  
RT: 8.404 min Scan# 938  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

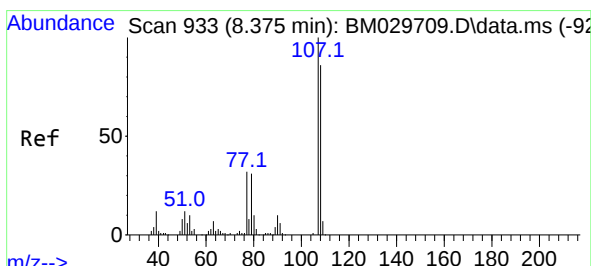
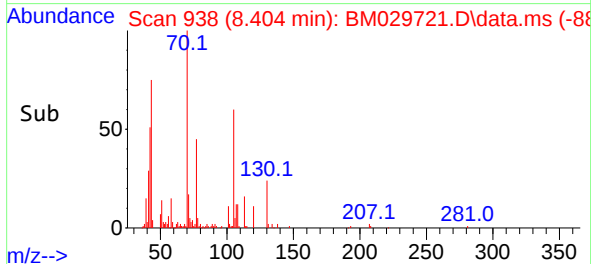
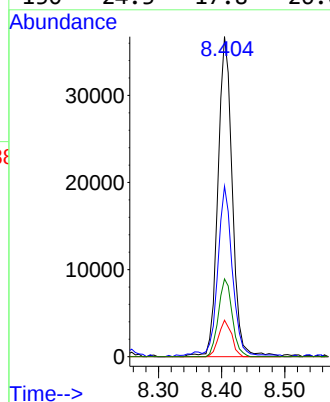
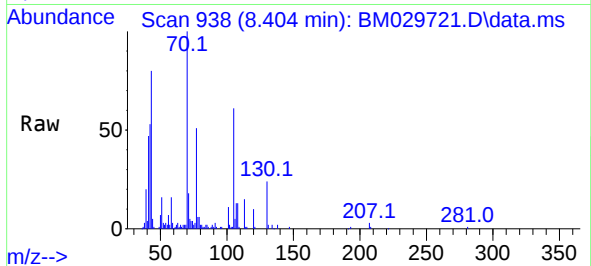
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 58055 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 53.3  | 51.4  | 77.0  |
| 101      | 11.4  | 8.1   | 12.1  |
| 130      | 24.3  | 17.8  | 26.6  |

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

Manual Integrations  
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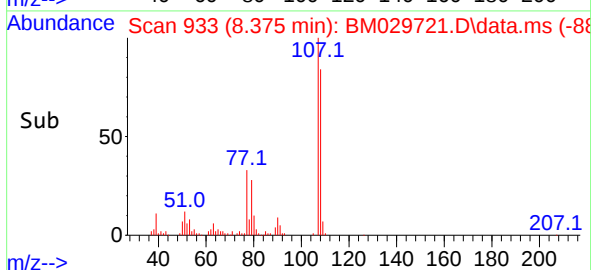
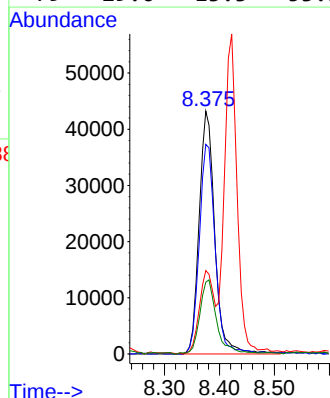
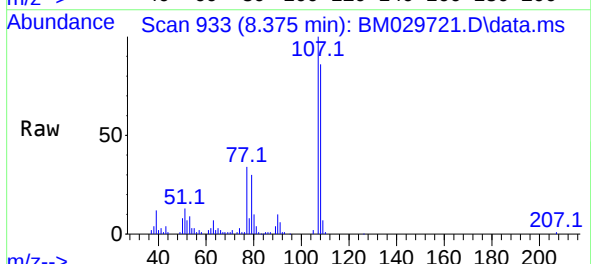
mohammad

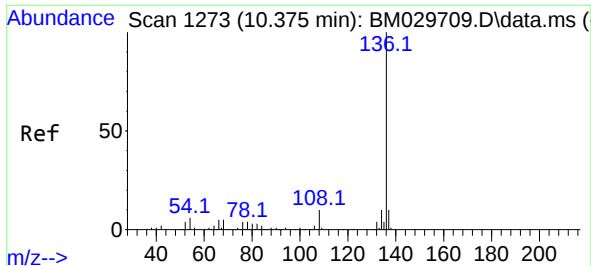
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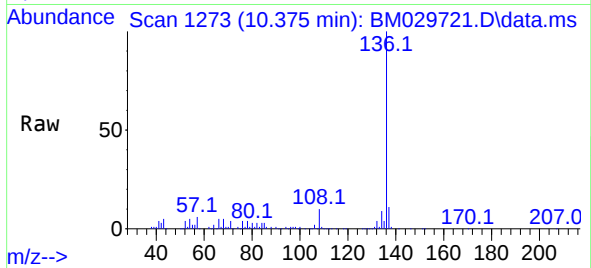
#20  
3+4-Methylphenols  
Concen: 21.08 ng  
RT: 8.375 min Scan# 933  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 85373 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 86.3  | 69.9  | 109.9 |
| 77       | 34.3  | 17.3  | 57.3  |
| 79       | 29.6  | 13.3  | 53.3  |

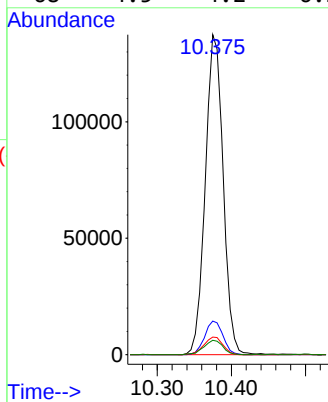
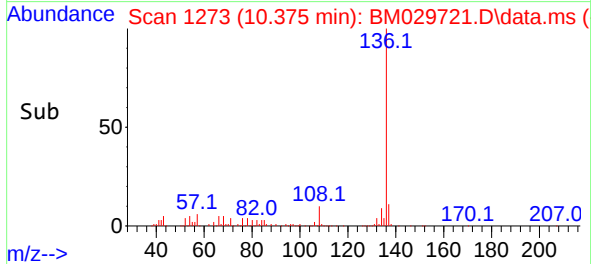




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.375 min Scan# 1273  
Delta R.T. -0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 229949 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.5  | 8.4   | 12.6   |
| 54        | 5.5   | 5.5   | 8.3#   |
| 68        | 4.5   | 4.2   | 6.2    |

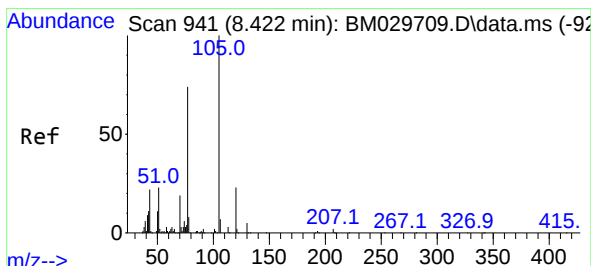


Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

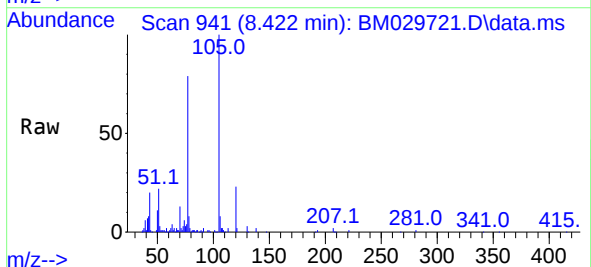
Manual Integrations  
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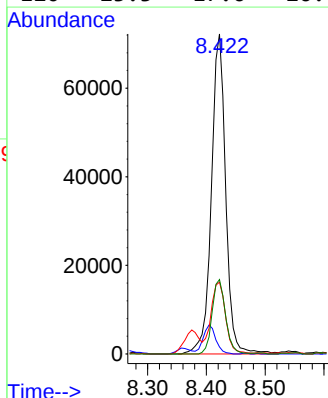
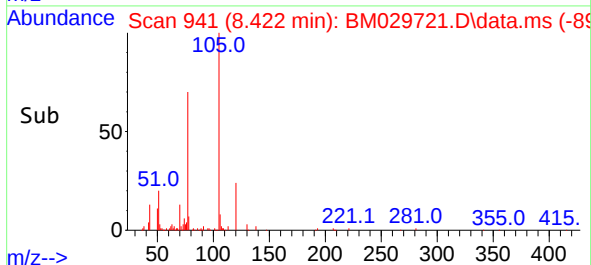
5/3/2021 10:49:12 AM

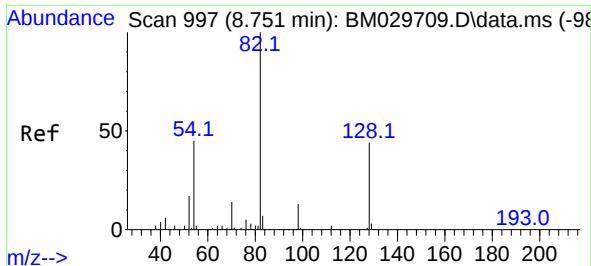


#22  
Acetophenone  
Concen: 23.59 ng  
RT: 8.422 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



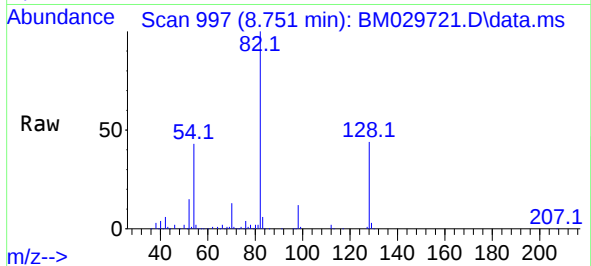
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 122356 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.2   | 3.4   | 5.0#   |
| 51        | 22.4  | 22.2  | 33.4   |
| 120       | 23.3  | 17.6  | 26.4   |





#23  
Nitrobenzene-d5  
Concen: 67.51 ng  
RT: 8.751 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

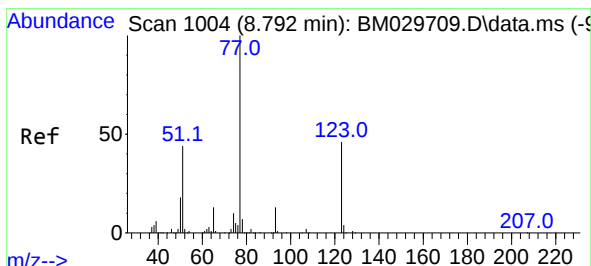
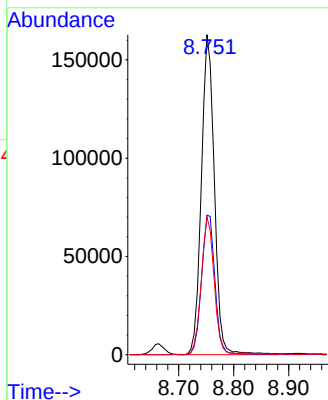
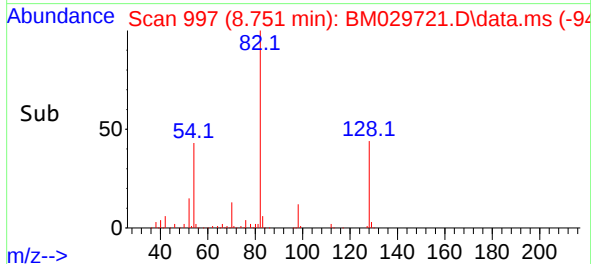


Tgt Ion: 82 Resp: 268651  
Ion Ratio Lower Upper  
82 100  
128 43.6 31.1 46.7  
54 43.0 37.3 55.9

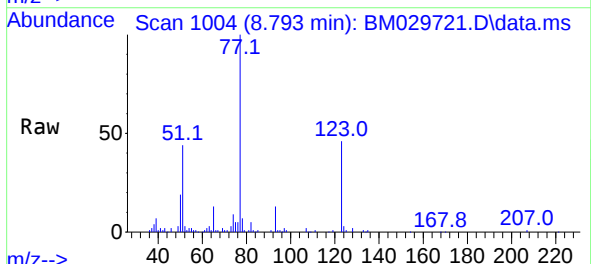
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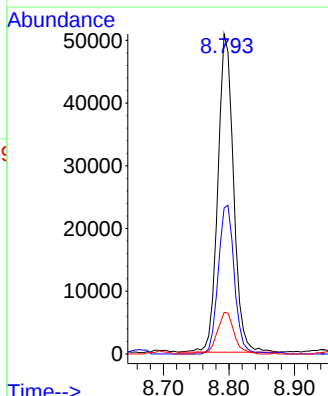
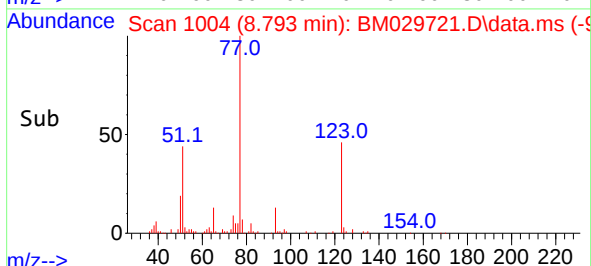
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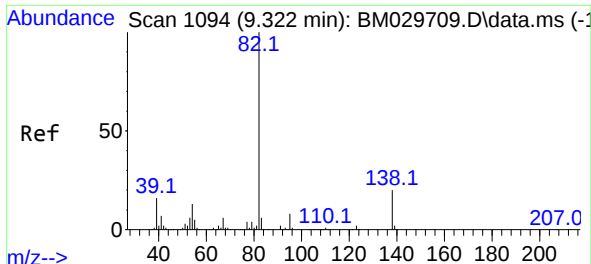


#24  
Nitrobenzene  
Concen: 21.03 ng  
RT: 8.793 min Scan# 1004  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



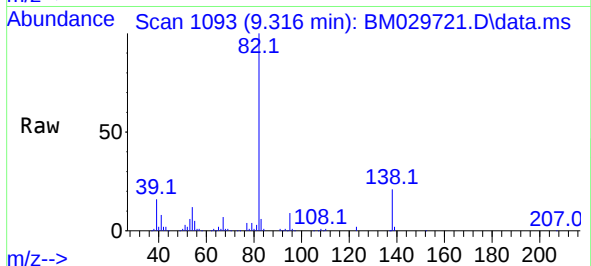
Tgt Ion: 77 Resp: 84286  
Ion Ratio Lower Upper  
77 100  
123 45.7 34.0 51.0  
65 13.0 11.0 16.4





#25  
Isophorone  
Concen: 19.60 ng  
RT: 9.316 min Scan# 1093  
Delta R.T. -0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

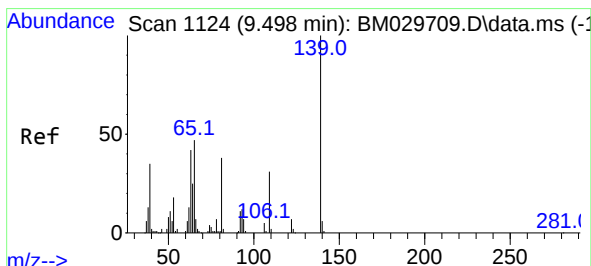
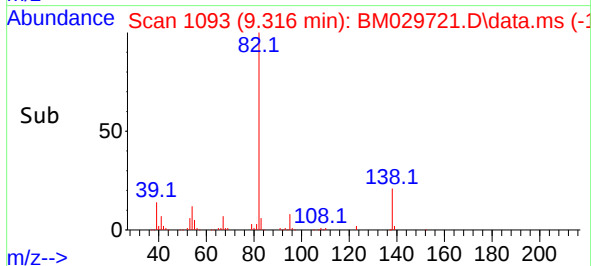
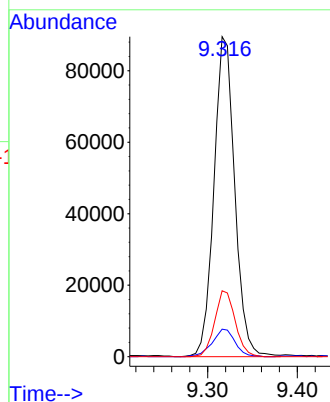


Tgt Ion: 82 Resp: 144104  
Ion Ratio Lower Upper  
82 100  
95 8.6 6.3 9.5  
138 20.6 14.5 21.7

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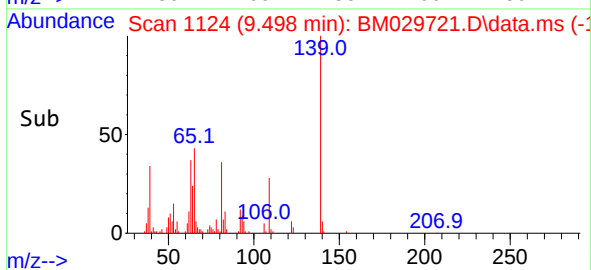
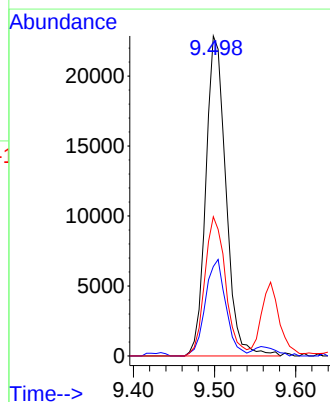
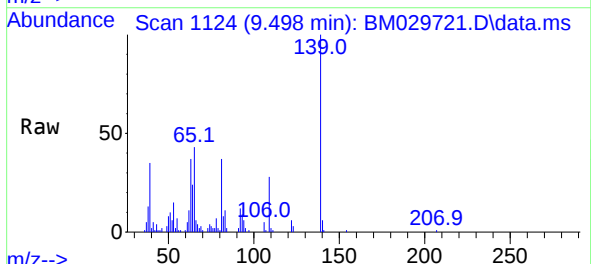
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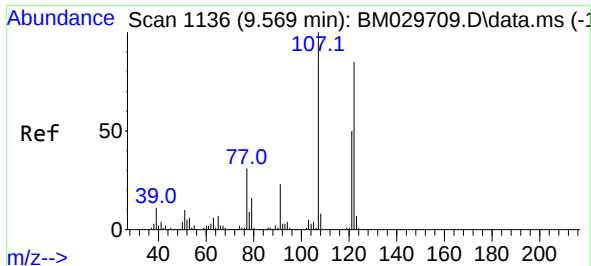
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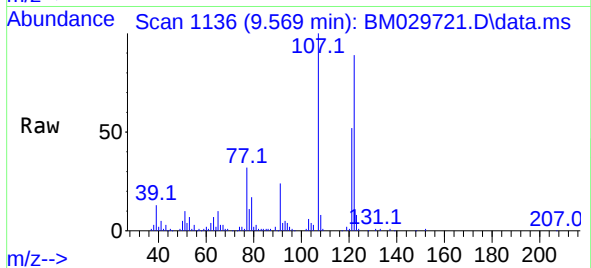
#26  
2-Nitrophenol  
Concen: 19.00 ng  
RT: 9.498 min Scan# 1124  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Tgt Ion: 139 Resp: 39267  
Ion Ratio Lower Upper  
139 100  
109 28.0 26.7 40.1  
65 43.5 41.9 62.9

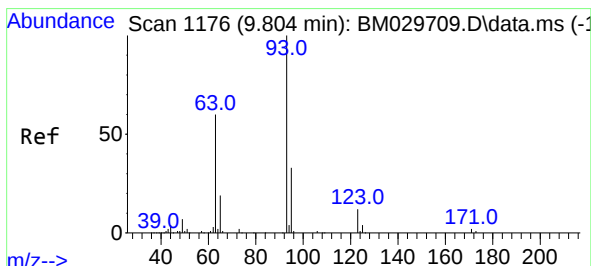
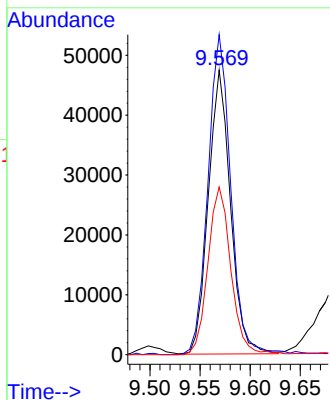
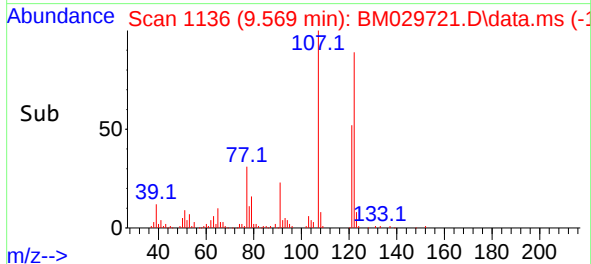




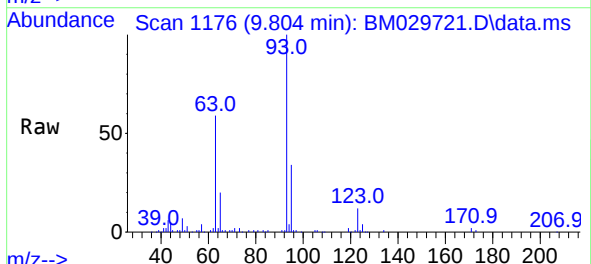
#27  
2,4-Dimethylphenol  
Concen: 24.78 ng  
RT: 9.569 min Scan# 1136  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



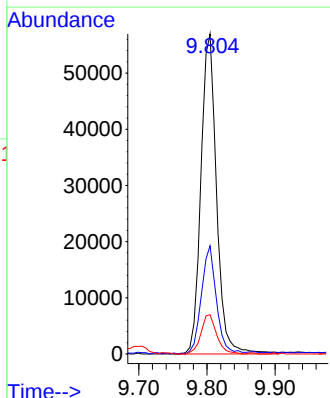
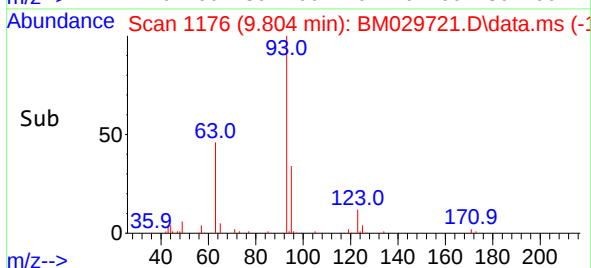
Tgt Ion:122 Resp: 73029  
Ion Ratio Lower Upper  
122 100  
107 112.4 95.0 142.6  
121 58.9 48.1 72.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 23.24 ng  
RT: 9.804 min Scan# 1176  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



Tgt Ion: 93 Resp: 90914  
Ion Ratio Lower Upper  
93 100  
95 33.8 26.2 39.2  
123 12.3 9.3 13.9

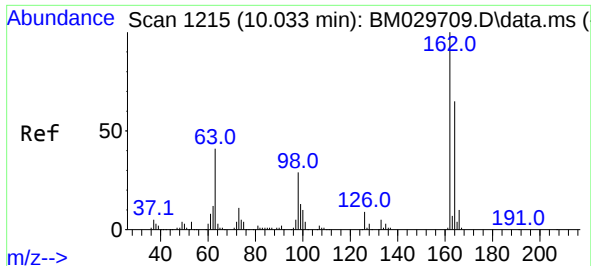


Instrument :  
BNA\_M  
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#29  
2,4-Dichlorophenol  
Concen: 21.69 ng  
RT: 10.034 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

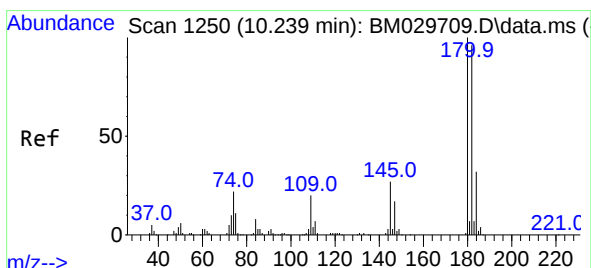
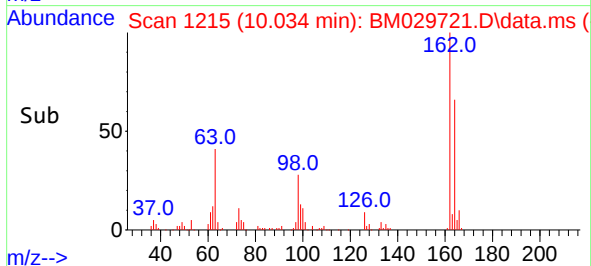
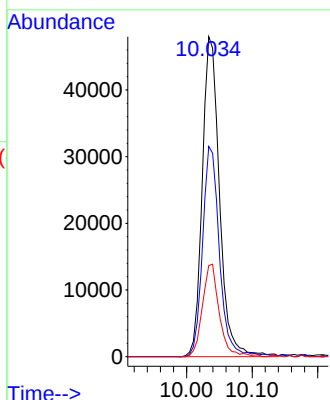
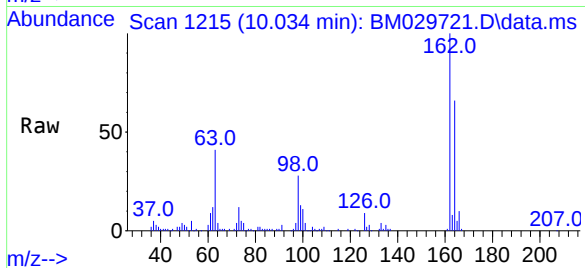
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|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 88145 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 65.7  | 46.5  | 86.5  |
| 98        | 28.5  | 12.1  | 52.1  |

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

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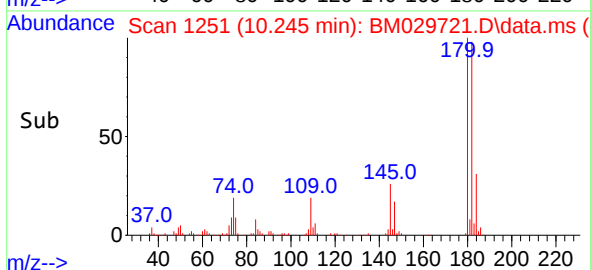
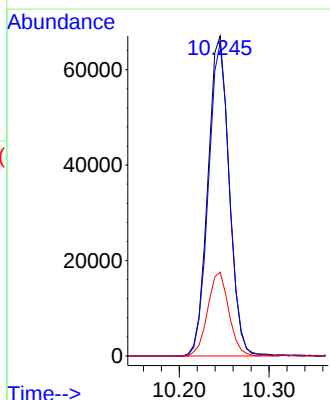
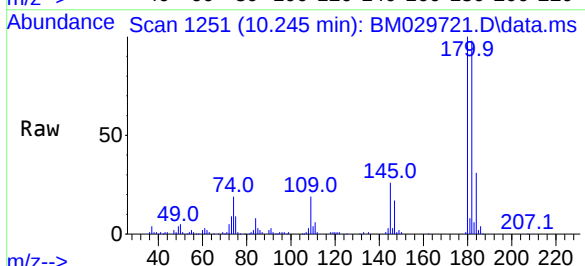
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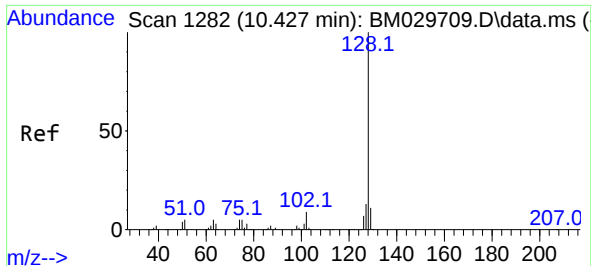
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#30  
1,2,4-Trichlorobenzene  
Concen: 22.30 ng  
RT: 10.245 min Scan# 1251  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

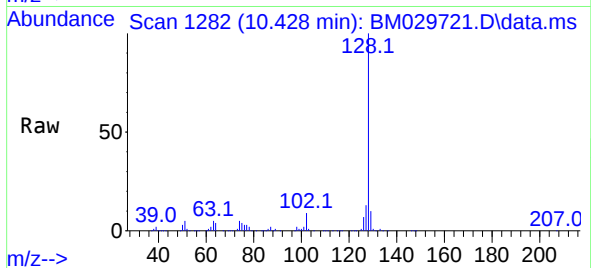
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 110104 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.7  | 76.3  | 114.5  |
| 145       | 26.2  | 22.3  | 33.5   |





#31  
Naphthalene  
Concen: 21.68 ng  
RT: 10.428 min Scan# 1282  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

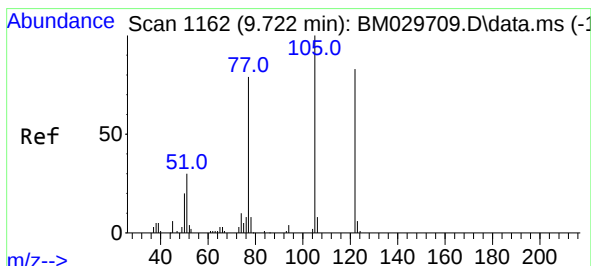
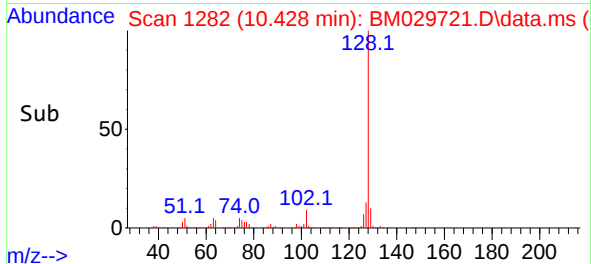
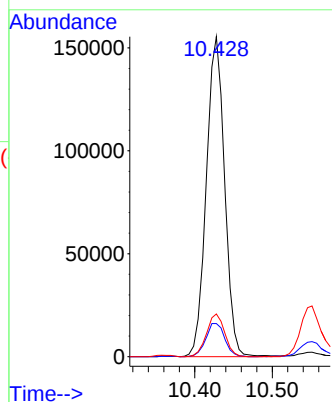


Tgt Ion:128 Resp: 255049  
Ion Ratio Lower Upper  
128 100  
129 10.4 9.0 13.6  
127 13.3 10.8 16.2

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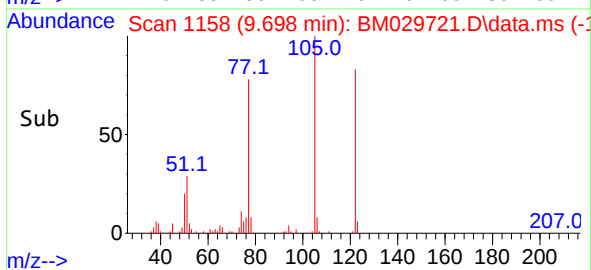
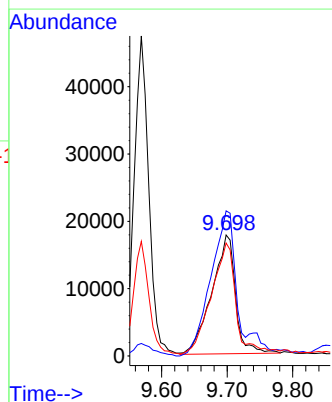
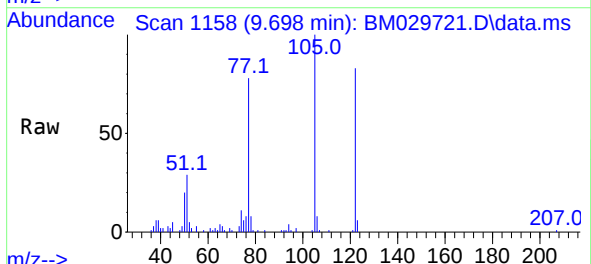
mohammad

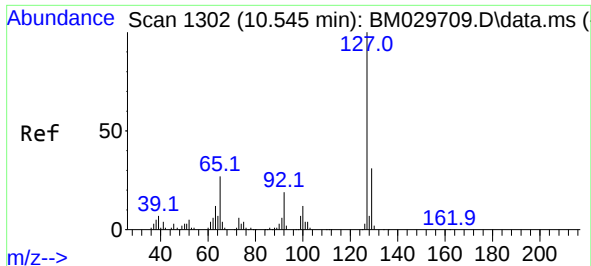
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#32  
Benzoic acid  
Concen: 22.34 ng  
RT: 9.698 min Scan# 1158  
Delta R.T. -0.024 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Tgt Ion:122 Resp: 44559  
Ion Ratio Lower Upper  
122 100  
105 120.0 107.3 147.3  
77 93.3 88.0 128.0





#33  
4-Chloroaniline  
Concen: 11.10 ng  
RT: 10.551 min Scan# 1303  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

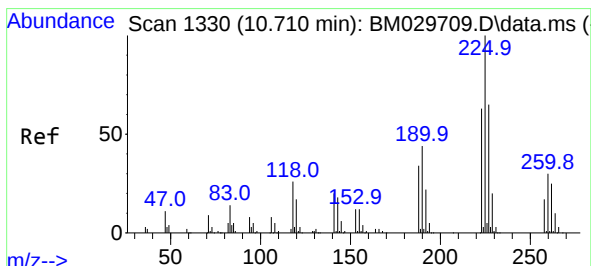
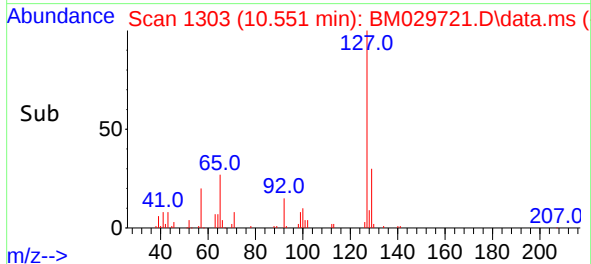
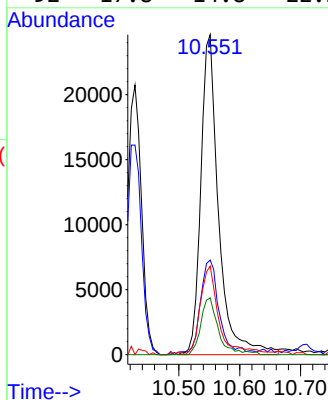
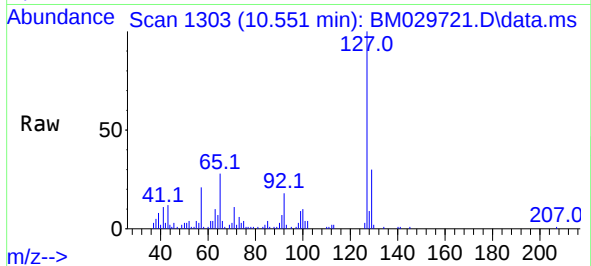
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|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 49883 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 29.5  | 26.8  | 40.2  |
| 65        | 27.7  | 25.2  | 37.8  |
| 92        | 17.8  | 14.8  | 22.2  |

Instrument :  
BNA\_M  
ClientSampleId :  
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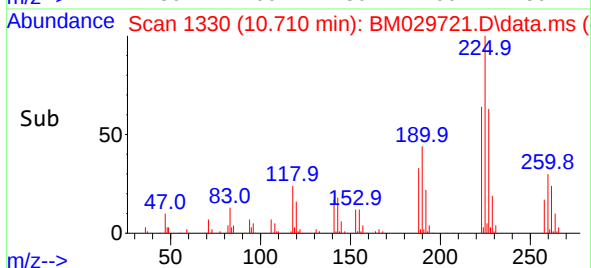
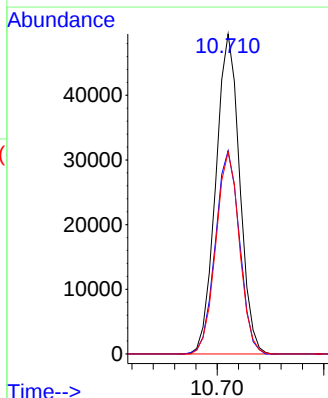
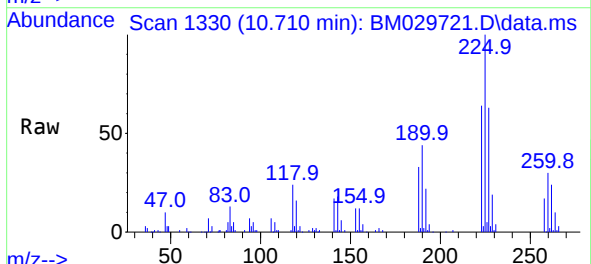
mohammad

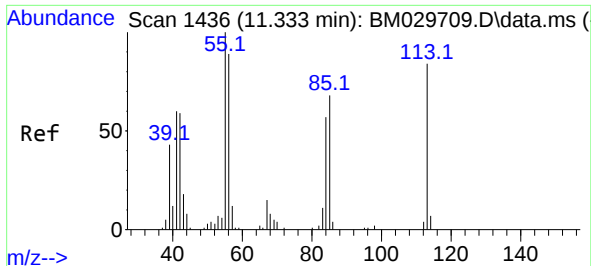
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#34  
Hexachlorobutadiene  
Concen: 22.09 ng  
RT: 10.710 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 76767 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.5  | 52.1  | 78.1  |
| 227       | 63.1  | 53.8  | 80.6  |





#35  
Caprolactam  
Concen: 22.22 ng m  
RT: 11.334 min Scan# 1436  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

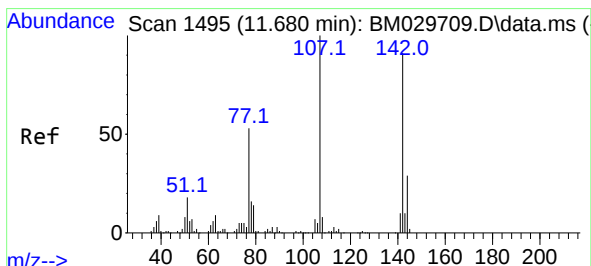
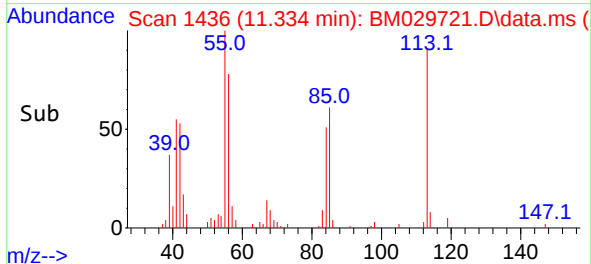
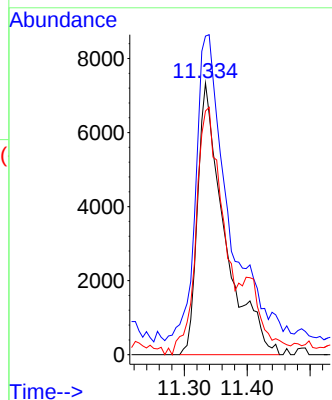
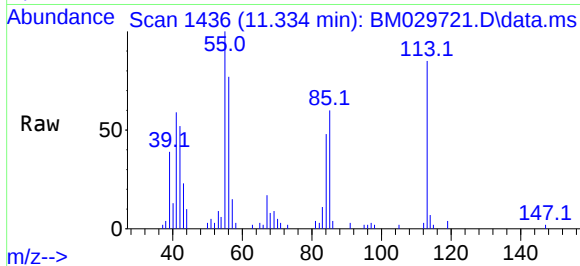
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 117.3 | 132.0 | 172.0# |
| 56      | 89.8  | 96.3  | 136.3# |

Instrument :  
BNA\_M  
ClientSampleId :  
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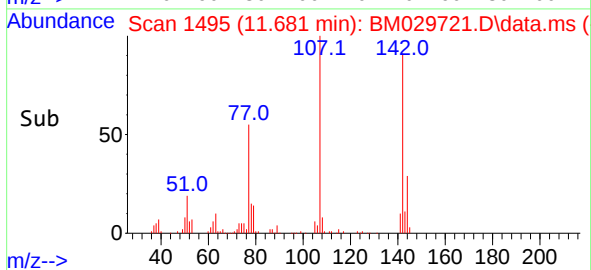
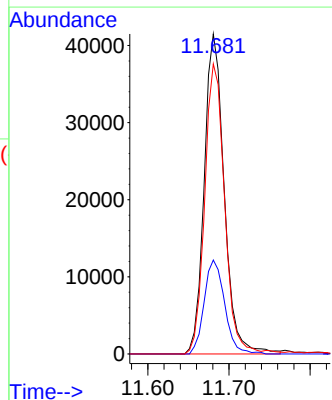
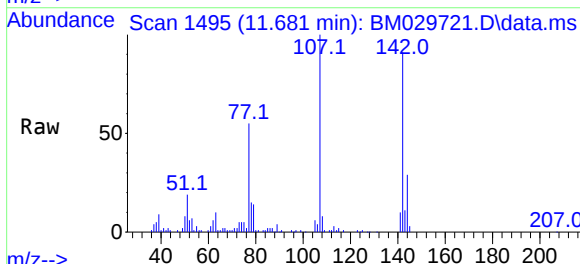
mohammad

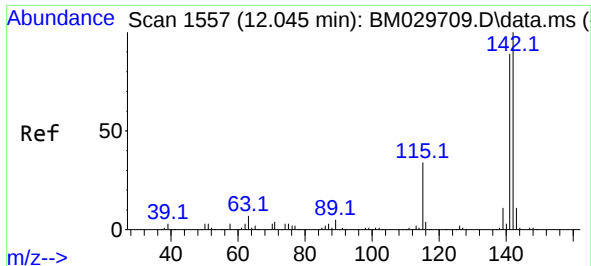
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#36  
4-Chloro-3-methylphenol  
Concen: 20.19 ng  
RT: 11.681 min Scan# 1495  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 29.3  | 22.3  | 33.5  |
| 142     | 90.6  | 69.3  | 103.9 |





#37  
2-Methylnaphthalene  
Concen: 22.89 ng  
RT: 12.045 min Scan# 1557  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

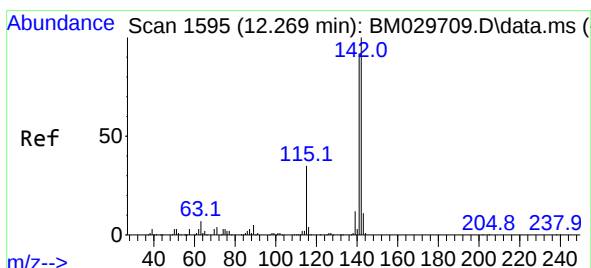
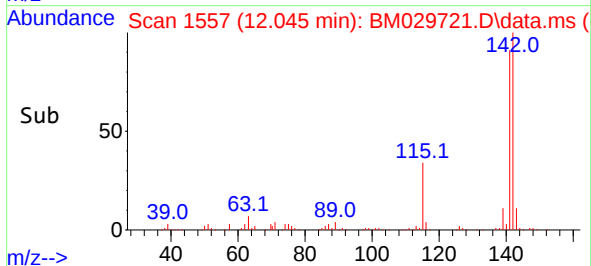
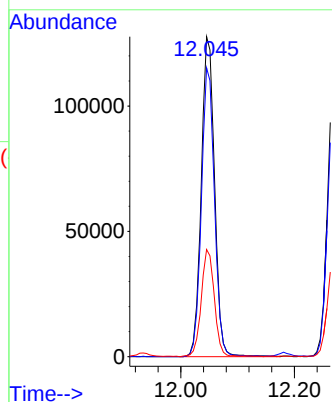
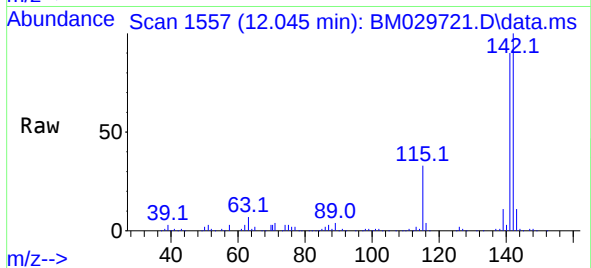
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 207054 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 90.2  | 71.7  | 107.5  |
| 115      | 33.5  | 29.1  | 43.7   |

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

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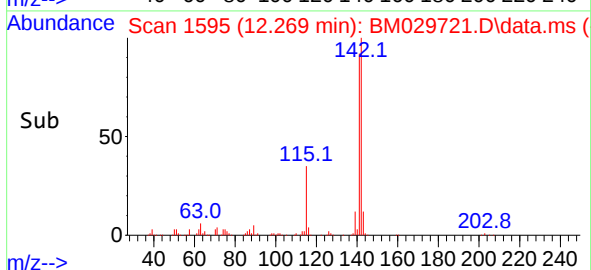
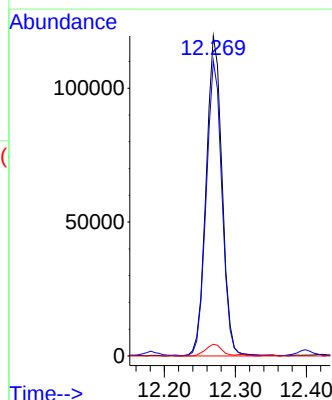
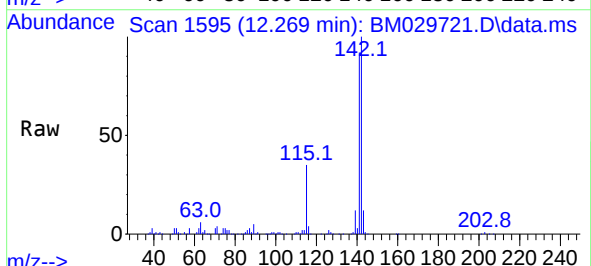
mohammad

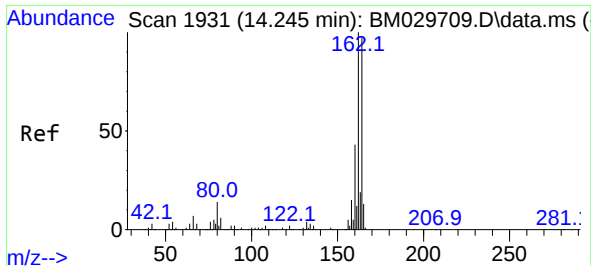
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#38  
1-Methylnaphthalene  
Concen: 21.67 ng  
RT: 12.269 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

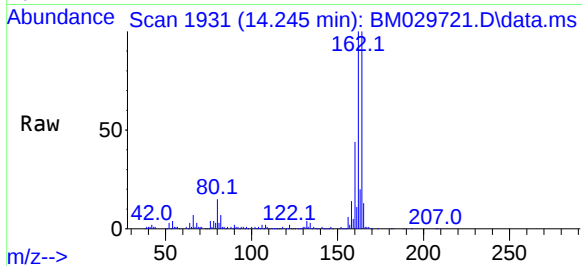
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 186718 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 141      | 92.2  | 74.2  | 111.4  |
| 116      | 3.6   | 3.0   | 4.6    |





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.245 min Scan# 1931  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Instrument :  
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ClientSampleId :  
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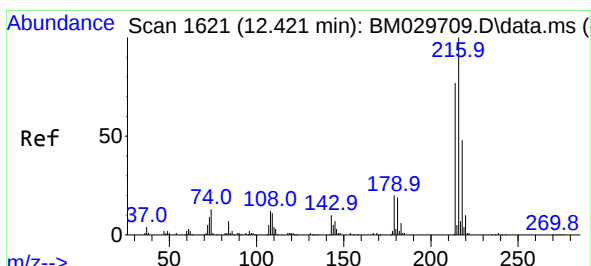
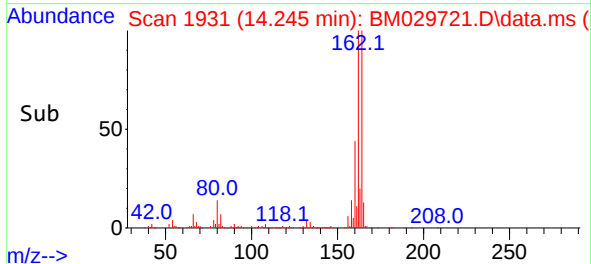
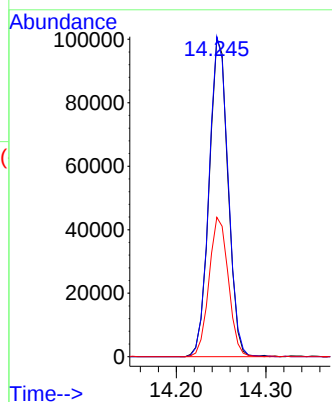


Tgt Ion:164 Resp: 146298  
Ion Ratio Lower Upper  
164 100  
162 100.5 83.4 125.0  
160 43.8 37.2 55.8

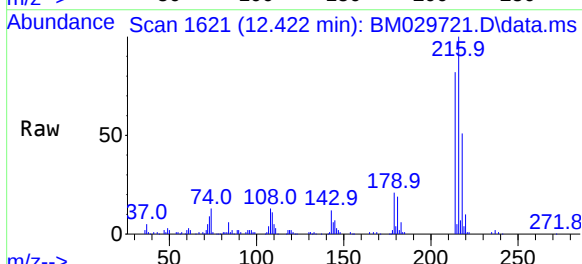
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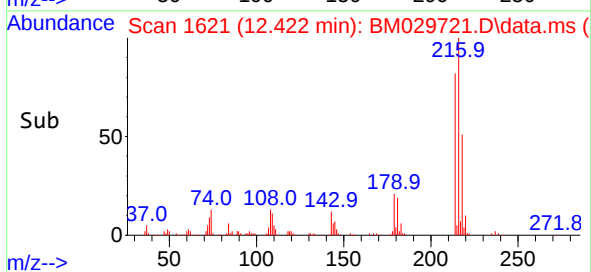
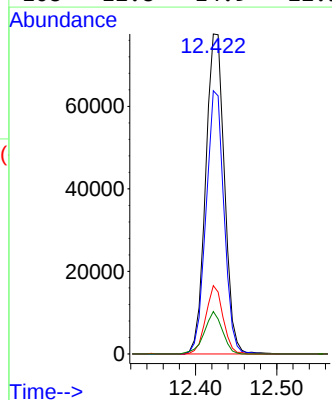
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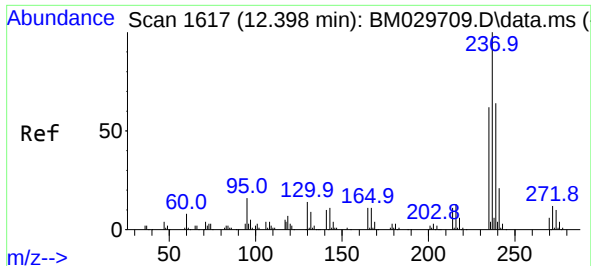


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 23.28 ng  
RT: 12.422 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



Tgt Ion:216 Resp: 124307  
Ion Ratio Lower Upper  
216 100  
214 78.6 63.0 94.4  
179 19.7 17.6 26.4  
108 12.8 14.9 22.3#





#41  
Hexachlorocyclopentadiene  
Concen: 13.33 ng  
RT: 12.398 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

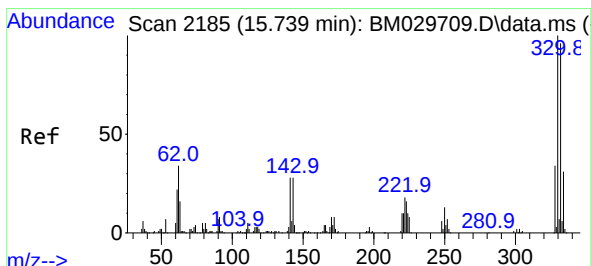
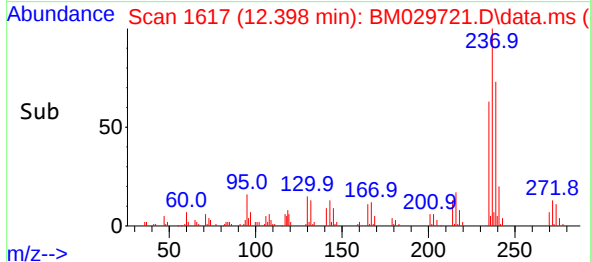
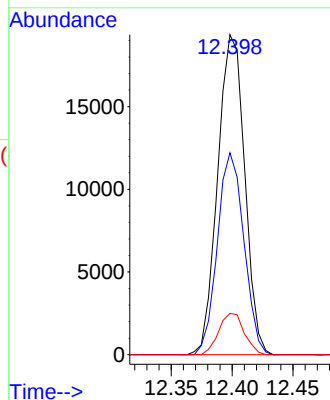
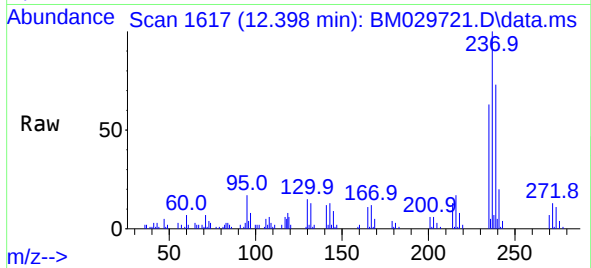
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 29831 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.1  | 42.4  | 82.4  |
| 272       | 12.9  | 0.0   | 31.7  |

Instrument :  
BNA\_M  
ClientSampleId :  
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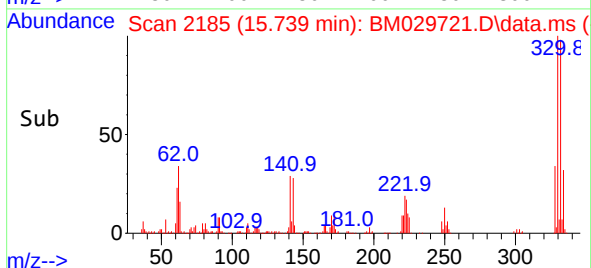
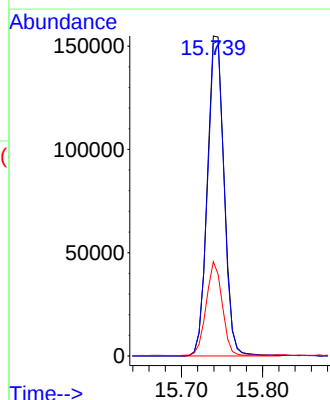
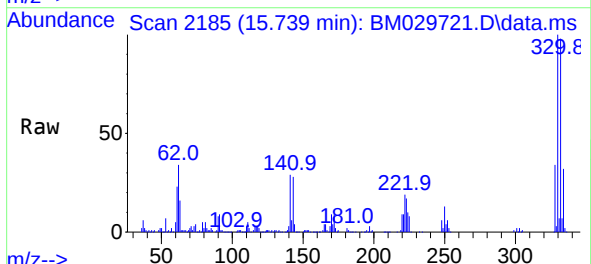
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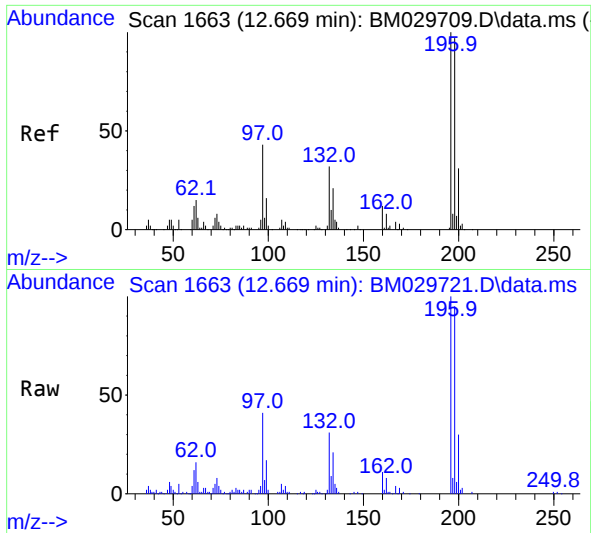
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#42  
2,4,6-Tribromophenol  
Concen: 95.45 ng  
RT: 15.739 min Scan# 2185  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 221697 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 97.8  | 77.0  | 115.4  |
| 141       | 27.9  | 30.2  | 45.2#  |





#43  
2,4,6-Trichlorophenol  
Concen: 22.51 ng  
RT: 12.669 min Scan# 1663  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

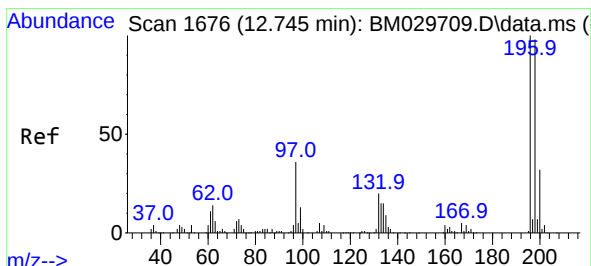
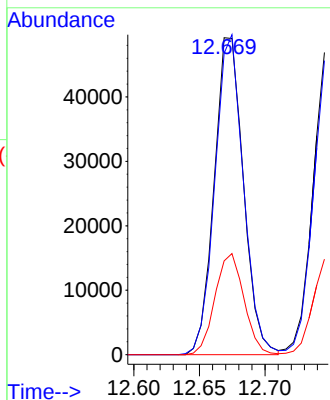
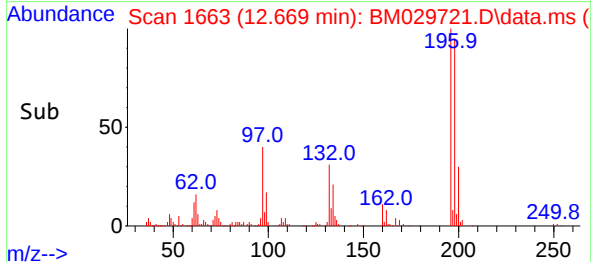
Tgt Ion:196 Resp: 76206  
Ion Ratio Lower Upper  
196 100  
198 95.1 77.6 116.4  
200 29.6 24.6 37.0

Instrument :  
BNA\_M  
ClientSampleId :  
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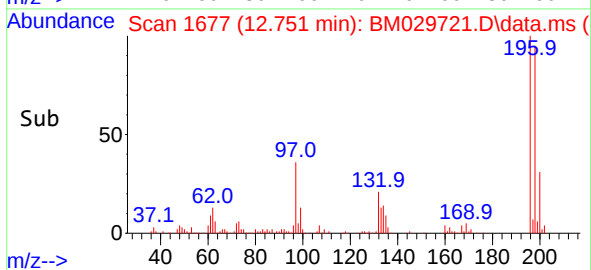
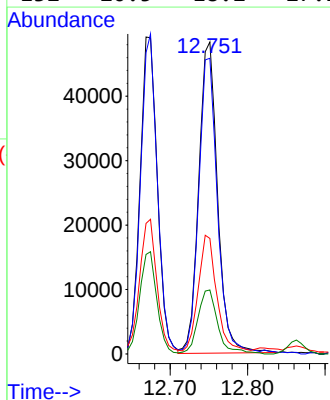
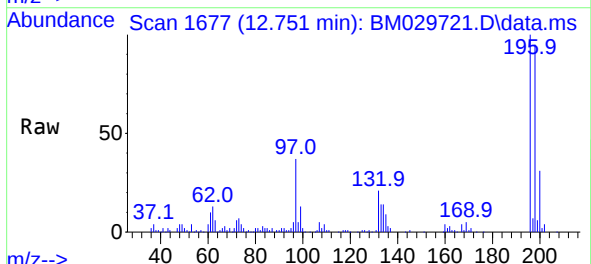
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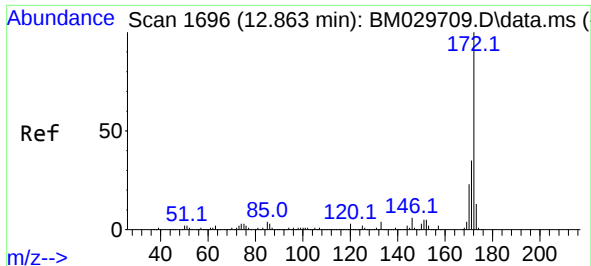
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#44  
2,4,5-Trichlorophenol  
Concen: 22.40 ng  
RT: 12.751 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

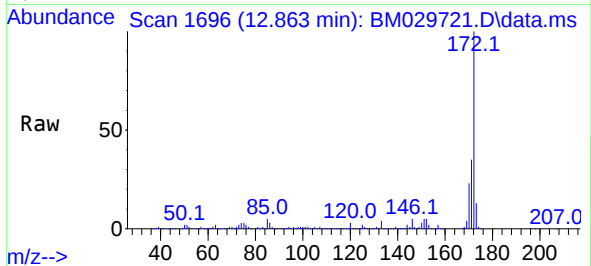
Tgt Ion:196 Resp: 81450  
Ion Ratio Lower Upper  
196 100  
198 94.8 77.0 115.4  
97 37.0 36.6 55.0  
132 20.5 18.2 27.2





#45  
2-Fluorobiphenyl  
Concen: 67.71 ng  
RT: 12.863 min Scan# 1696  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

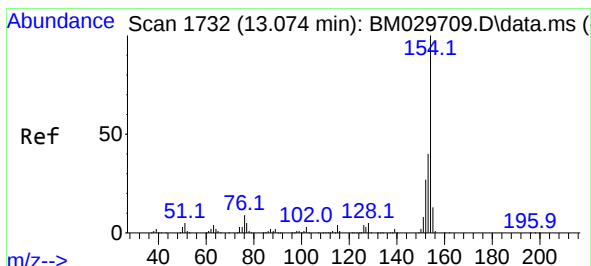
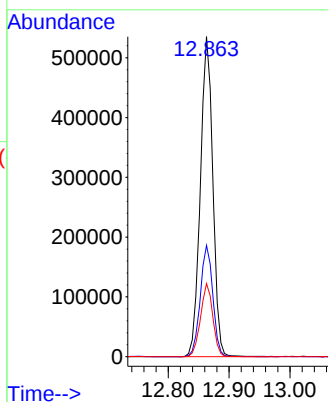
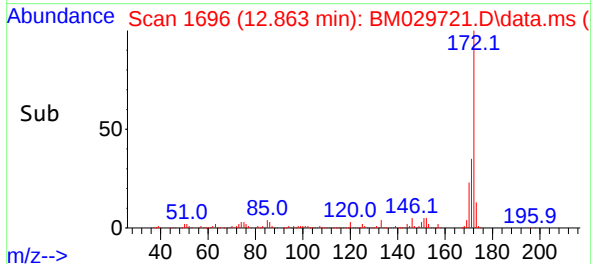


Tgt Ion:172 Resp: 763879  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.6 43.0  
170 22.8 18.4 27.6

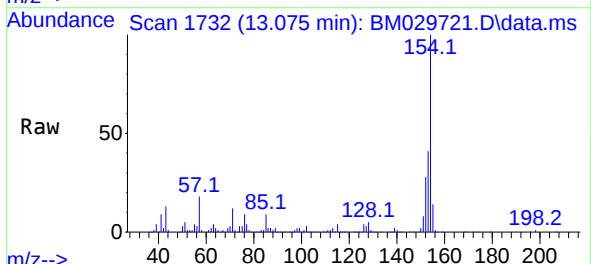
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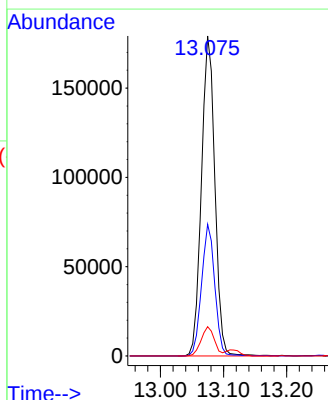
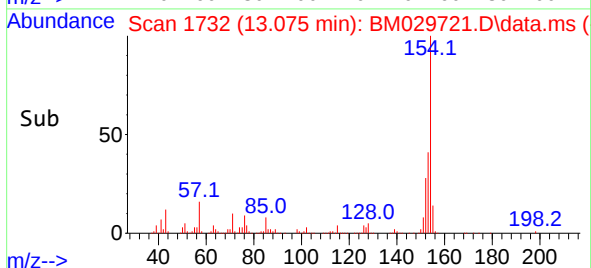
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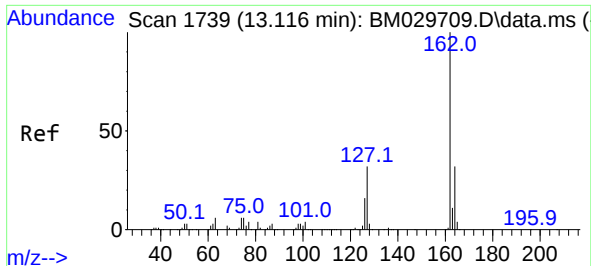


#46  
1,1'-Biphenyl  
Concen: 23.94 ng  
RT: 13.075 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

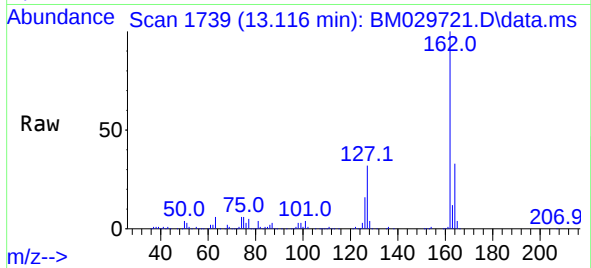


Tgt Ion:154 Resp: 264389  
Ion Ratio Lower Upper  
154 100  
153 41.2 20.7 60.7  
76 9.1 0.0 31.0

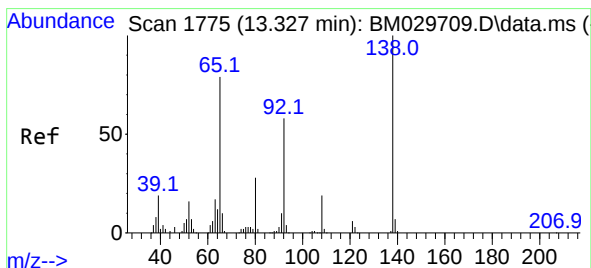
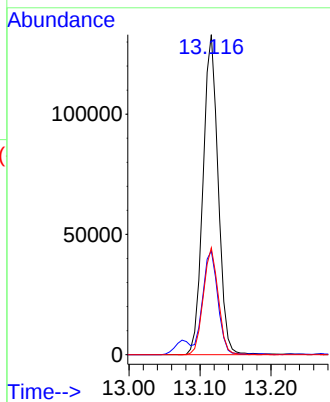
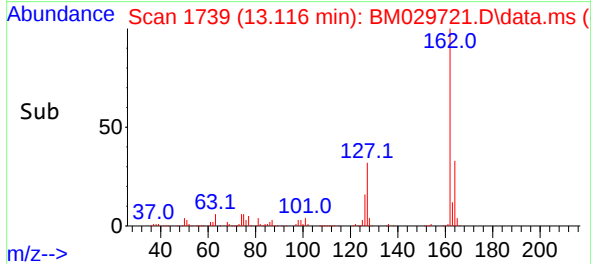




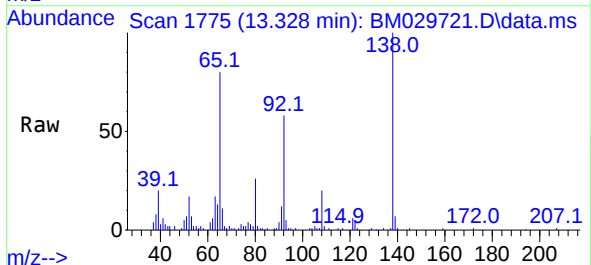
#47  
2-Chloronaphthalene  
Concen: 22.15 ng  
RT: 13.116 min Scan# 1739  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



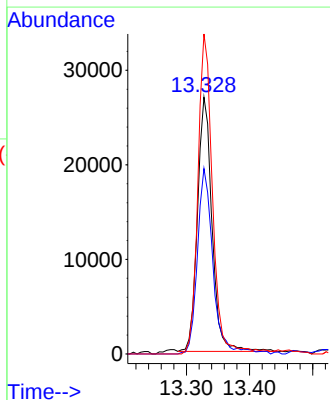
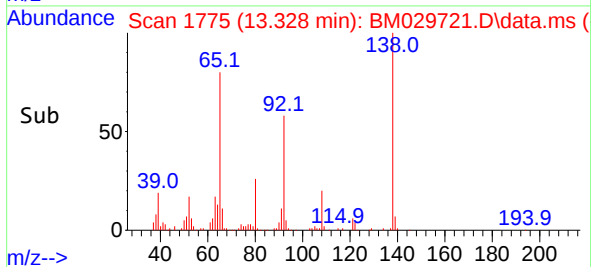
Tgt Ion:162 Resp: 197384  
Ion Ratio Lower Upper  
162 100  
127 32.5 27.1 40.7  
164 33.4 26.1 39.1



#48  
2-Nitroaniline  
Concen: 23.42 ng  
RT: 13.328 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



Tgt Ion: 65 Resp: 43122  
Ion Ratio Lower Upper  
65 100  
92 72.2 55.5 83.3  
138 124.6 85.7 128.5

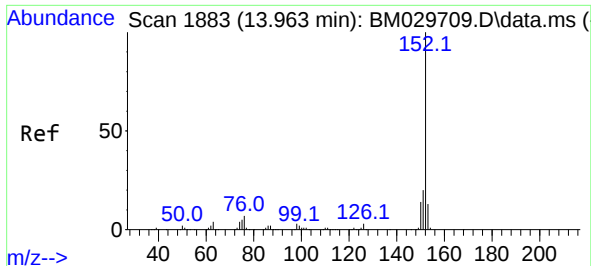


Instrument :  
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ClientSampleId :  
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#49

Acenaphthylene

Concen: 22.09 ng

RT: 13.969 min Scan# 1884

Delta R.T. 0.006 min

Lab File: BM029721.D

Acq: 29 Apr 2021 22:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 297254 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.2  | 16.3  | 24.5   |
| 153       | 12.8  | 10.2  | 15.4   |

Instrument :

BNA\_M

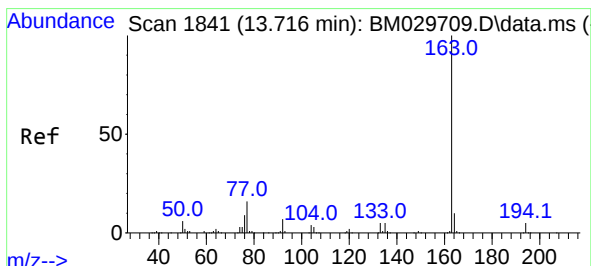
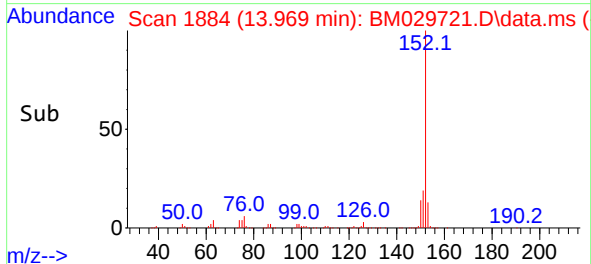
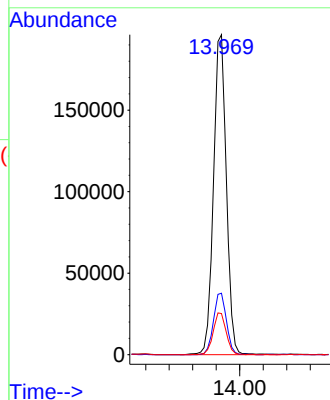
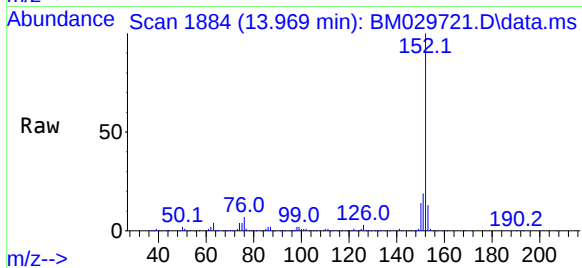
ClientSampleId :

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#50

Dimethylphthalate

Concen: 24.25 ng

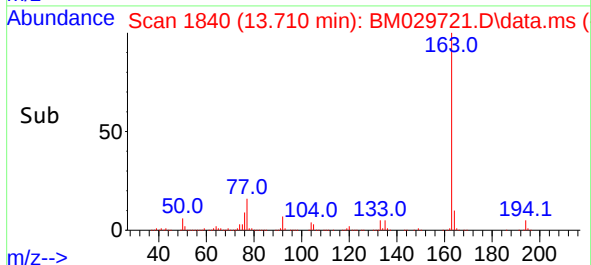
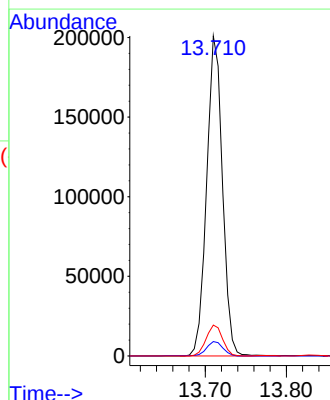
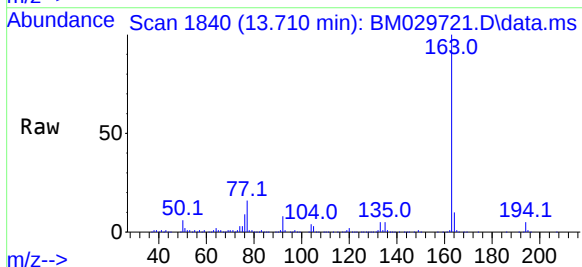
RT: 13.710 min Scan# 1840

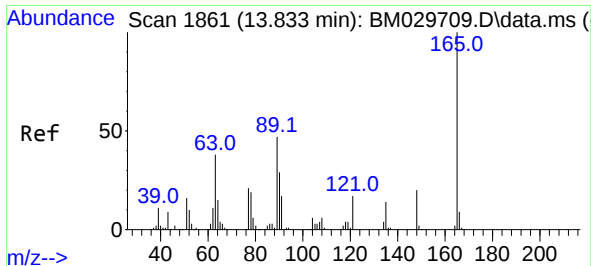
Delta R.T. -0.006 min

Lab File: BM029721.D

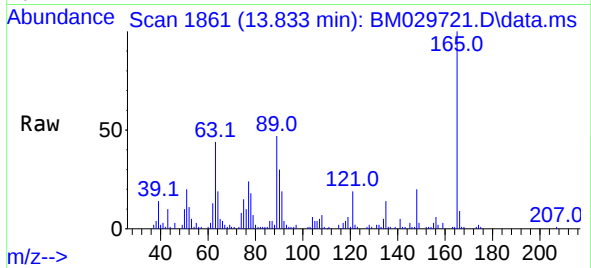
Acq: 29 Apr 2021 22:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 270925 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.5   | 3.3   | 4.9    |
| 164       | 9.6   | 7.9   | 11.9   |

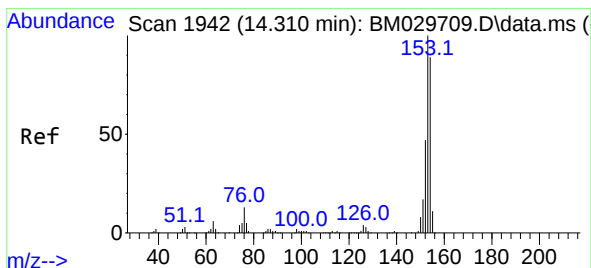
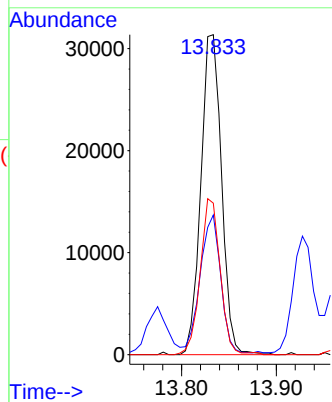
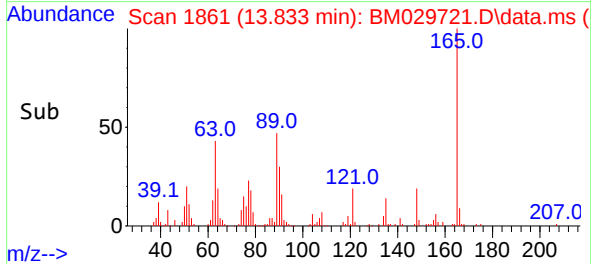




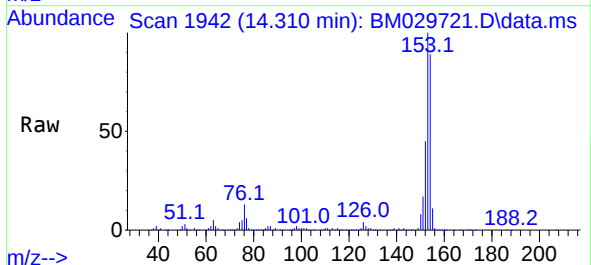
#51  
2,6-Dinitrotoluene  
Concen: 18.82 ng  
RT: 13.833 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



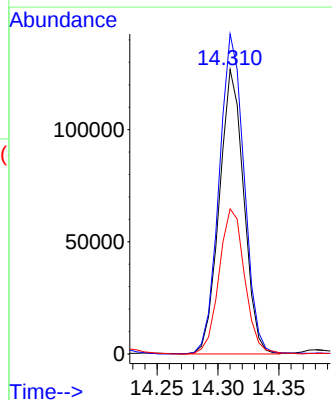
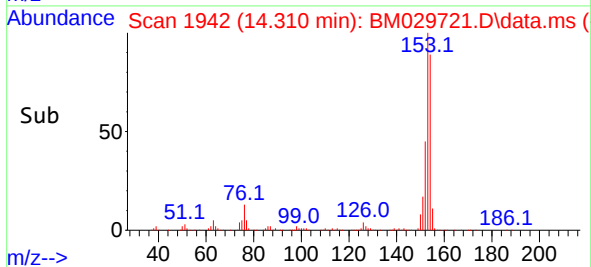
Tgt Ion:165 Resp: 47621  
Ion Ratio Lower Upper  
165 100  
63 43.7 45.3 67.9#  
89 47.4 46.3 69.5



#52  
Acenaphthene  
Concen: 21.21 ng  
RT: 14.310 min Scan# 1942  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



Tgt Ion:154 Resp: 176870  
Ion Ratio Lower Upper  
154 100  
153 112.5 92.2 138.2  
152 51.0 43.4 65.2

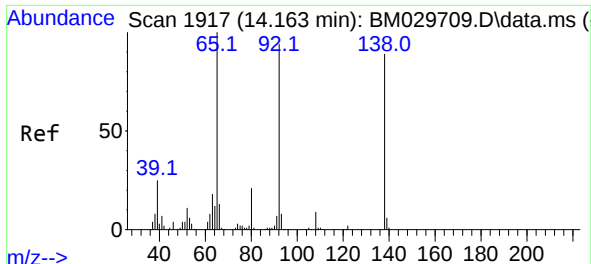


Instrument :  
BNA\_M  
ClientSampleId :  
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#53  
3-Nitroaniline  
Concen: 18.23 ng  
RT: 14.163 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

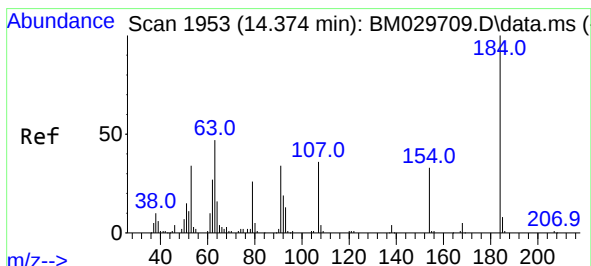
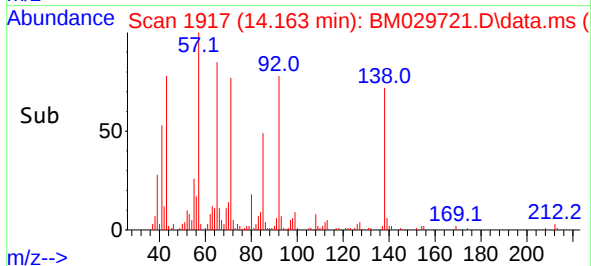
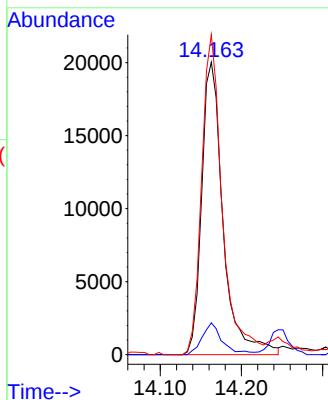
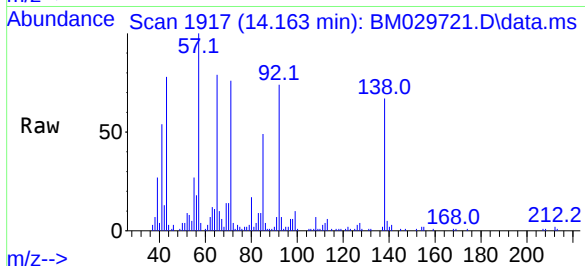
Tgt Ion:138 Resp: 36640  
Ion Ratio Lower Upper  
138 100  
108 10.9 7.7 11.5  
92 109.4 92.6 138.8

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

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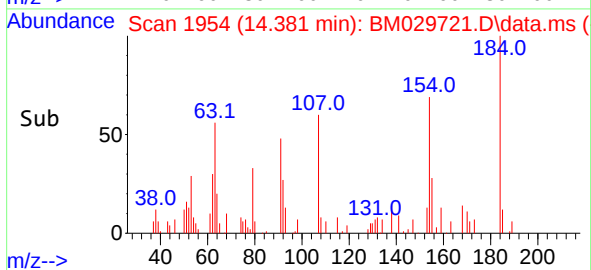
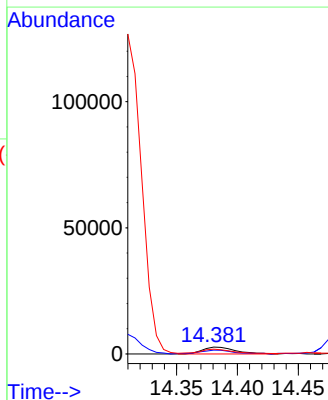
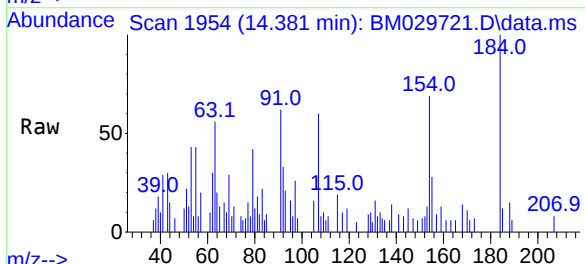
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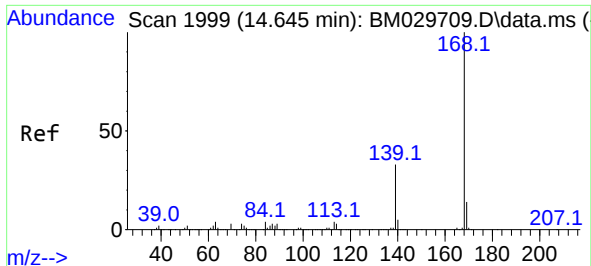
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#54  
2,4-Dinitrophenol  
Concen: 7.59 ng  
RT: 14.381 min Scan# 1954  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

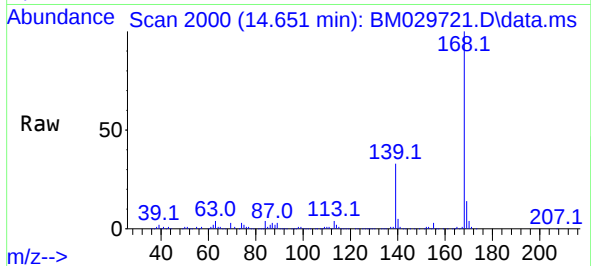
Tgt Ion:184 Resp: 5060  
Ion Ratio Lower Upper  
184 100  
63 55.5 54.2 81.2  
154 68.7 56.1 84.1





#55  
Dibenzofuran  
Concen: 20.93 ng  
RT: 14.651 min Scan# 2000  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Instrument :  
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ClientSampleId :  
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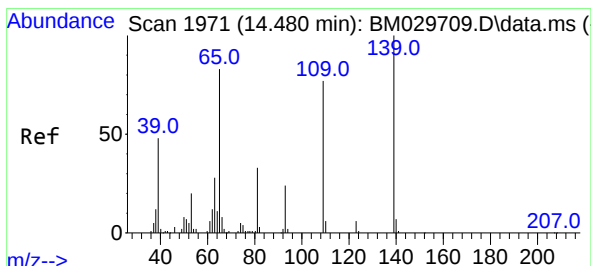
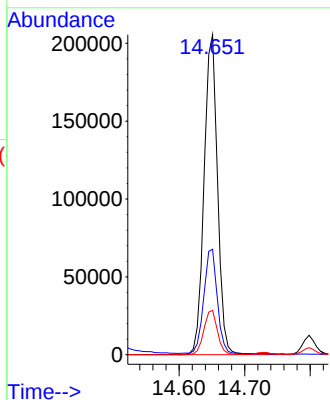
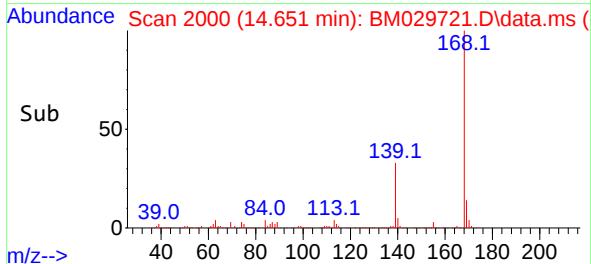


Tgt Ion:168 Resp: 294096  
Ion Ratio Lower Upper  
168 100  
139 33.0 29.4 44.0  
169 13.9 10.8 16.2

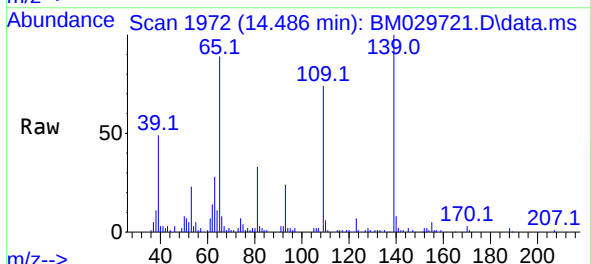
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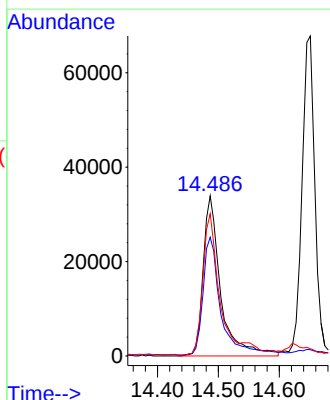
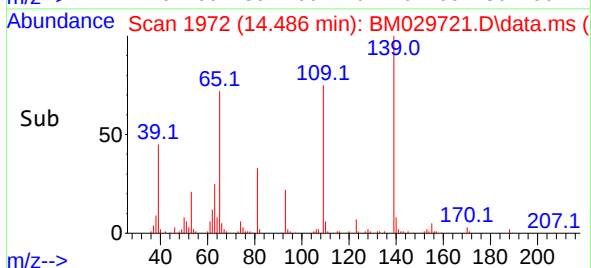
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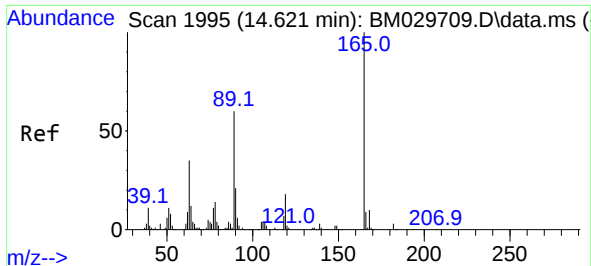


#56  
4-Nitrophenol  
Concen: 41.83 ng  
RT: 14.486 min Scan# 1972  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

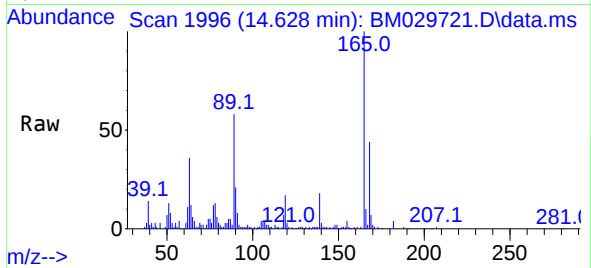


Tgt Ion:139 Resp: 68071  
Ion Ratio Lower Upper  
139 100  
109 74.2 64.5 104.5  
65 88.9 78.9 118.9

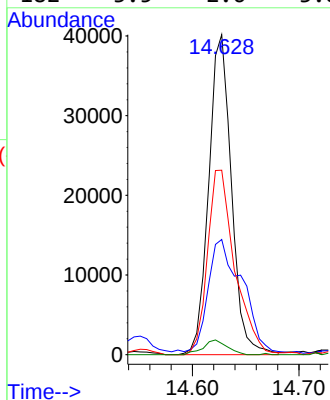




#57  
2,4-Dinitrotoluene  
Concen: 18.09 ng  
RT: 14.628 min Scan# 1996  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 59606 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 36.0  | 35.0  | 52.4  |
| 89        | 57.7  | 55.2  | 82.8  |
| 182       | 3.5   | 2.6   | 3.8   |

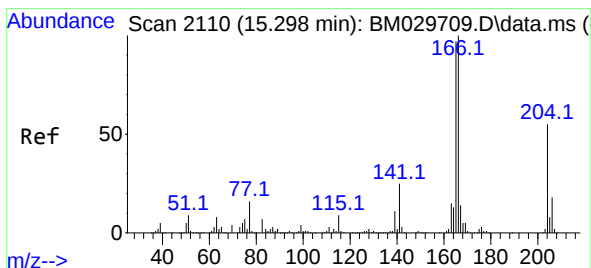


Instrument :  
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ClientSampleId :  
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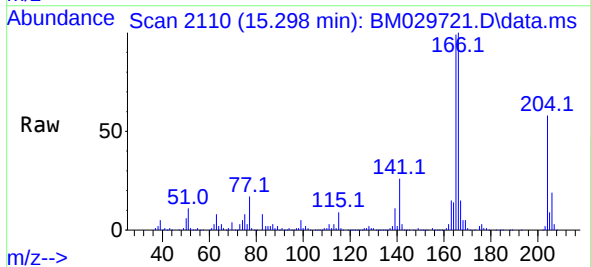
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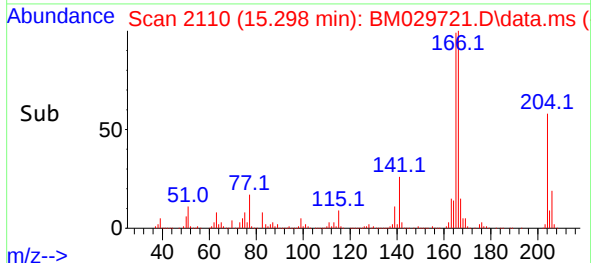
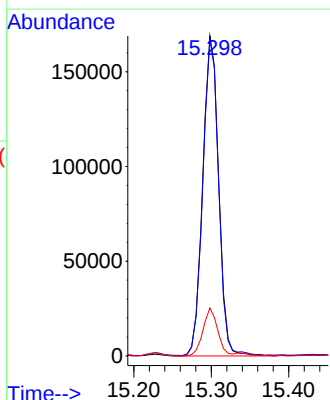
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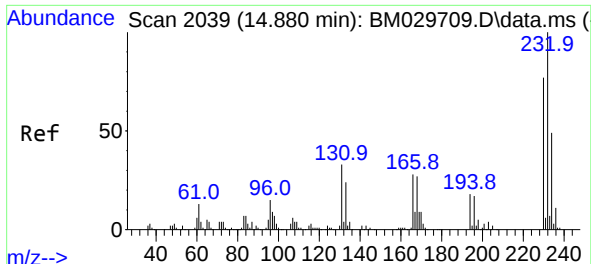


#58  
Fluorene  
Concen: 20.86 ng  
RT: 15.298 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

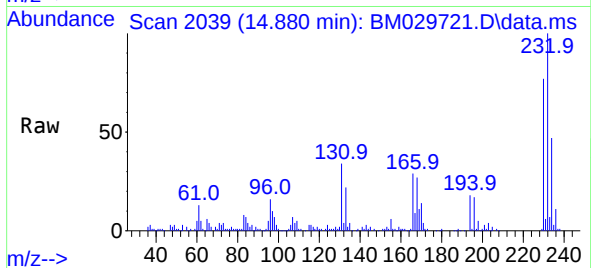


|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 240703 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.1  | 79.0  | 118.6  |
| 167       | 15.0  | 10.8  | 16.2   |

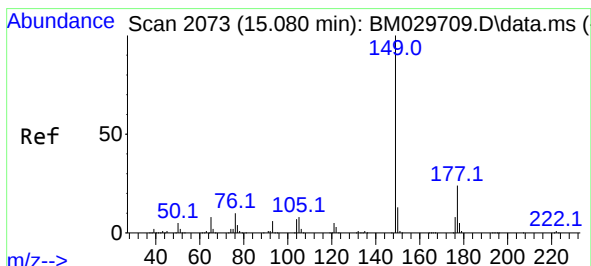
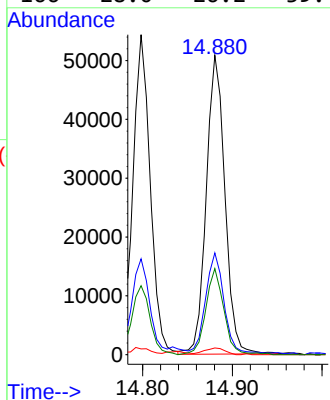
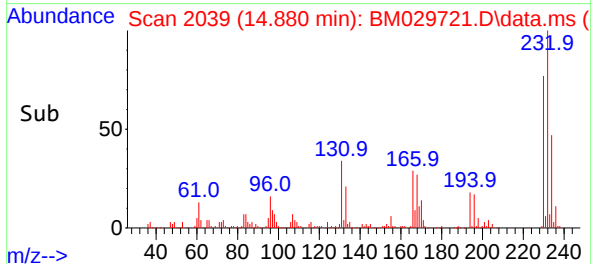




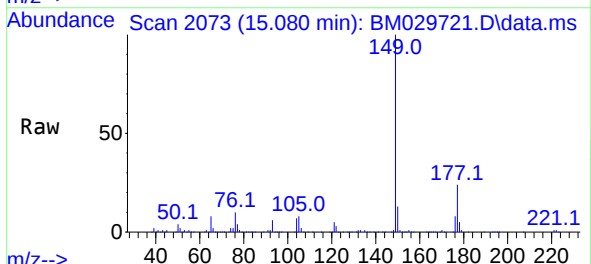
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 21.73 ng  
RT: 14.880 min Scan# 2039  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



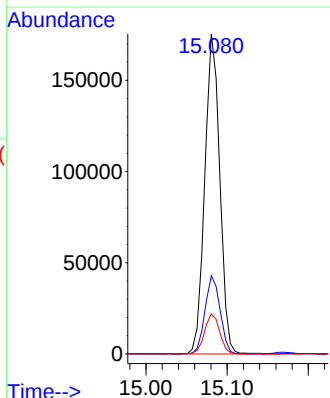
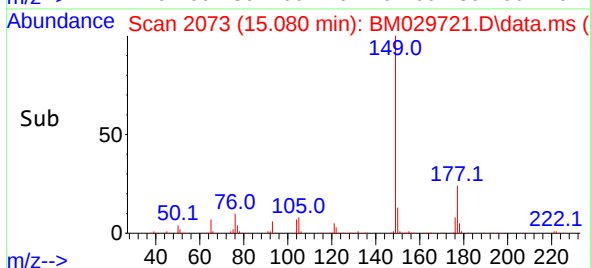
Tgt Ion:232 Resp: 73430  
Ion Ratio Lower Upper  
232 100  
131 34.9 34.4 51.6  
130 2.4 2.2 3.2  
166 28.0 26.2 39.4



#60  
Diethylphthalate  
Concen: 20.60 ng  
RT: 15.080 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



Tgt Ion:149 Resp: 225099  
Ion Ratio Lower Upper  
149 100  
177 24.5 17.9 26.9  
150 12.6 10.3 15.5

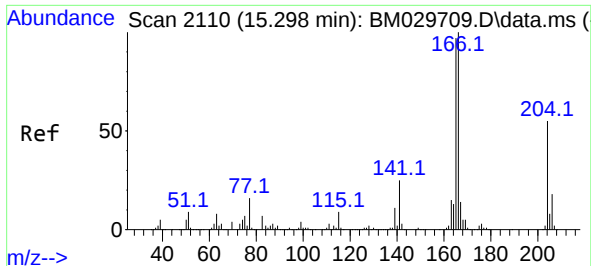


Instrument :  
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ClientSampleId :  
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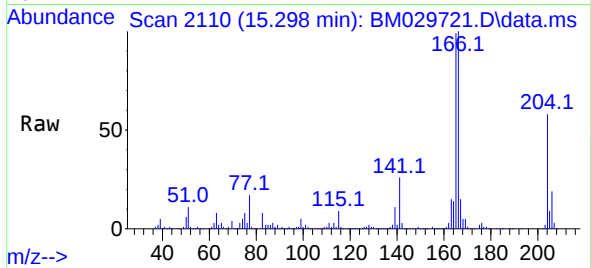
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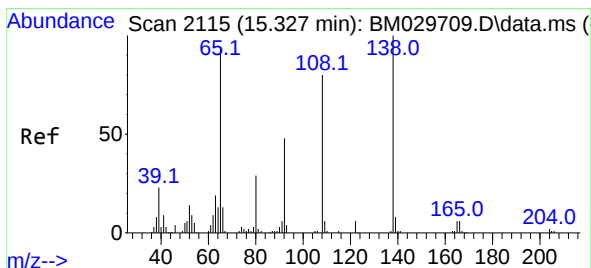
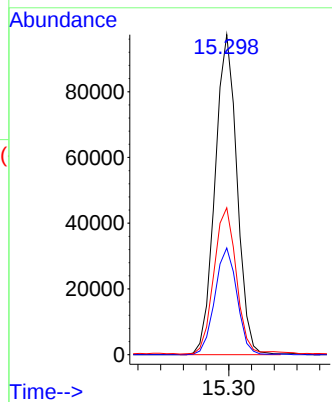
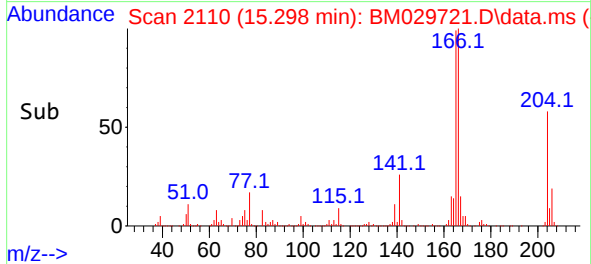
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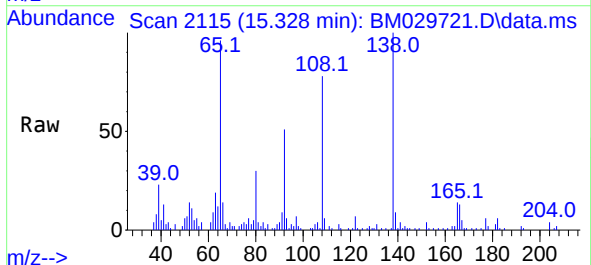
#61  
4-Chlorophenyl-phenylether  
Concen: 20.37 ng  
RT: 15.298 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



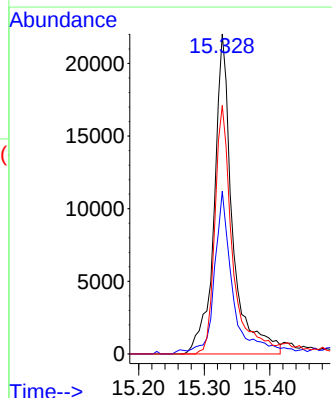
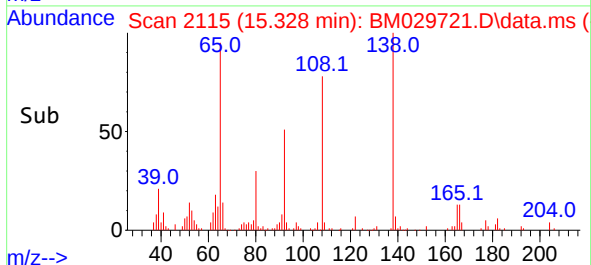
Tgt Ion:204 Resp: 130784  
Ion Ratio Lower Upper  
204 100  
206 33.3 25.5 38.3  
141 45.9 40.3 60.5



#62  
4-Nitroaniline  
Concen: 20.97 ng  
RT: 15.328 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



Tgt Ion:138 Resp: 42842  
Ion Ratio Lower Upper  
138 100  
92 50.9 33.4 73.4  
108 77.6 75.5 115.5

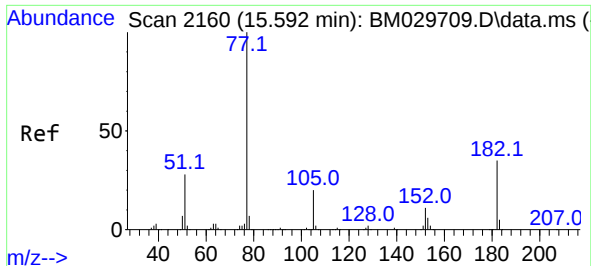


Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

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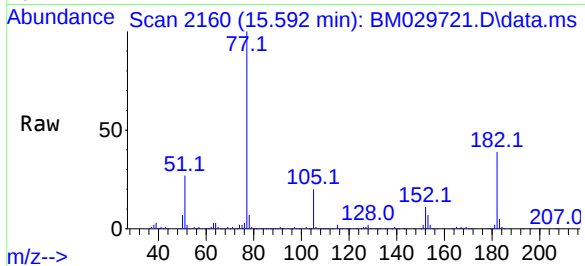
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#63  
Azobenzene  
Concen: 19.34 ng  
RT: 15.592 min Scan# 2160  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

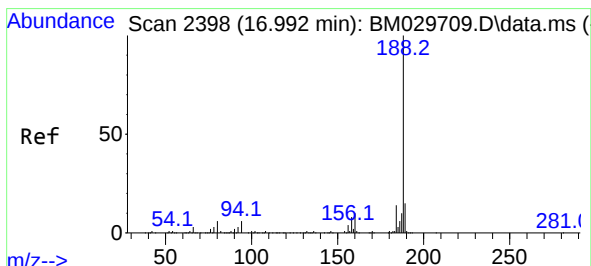
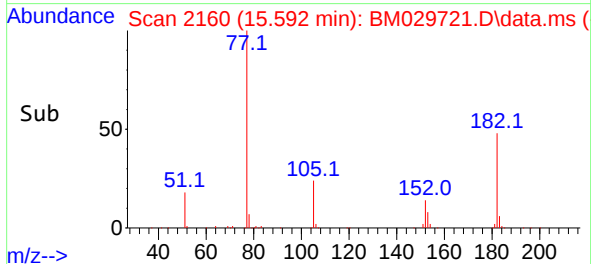
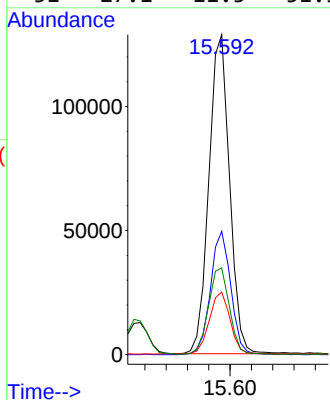


Tgt Ion: 77 Resp: 172918  
Ion Ratio Lower Upper  
77 100  
182 38.6 6.8 46.8  
105 19.5 0.0 36.6  
51 27.1 11.5 51.5

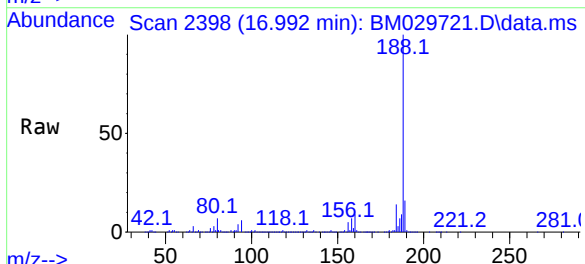
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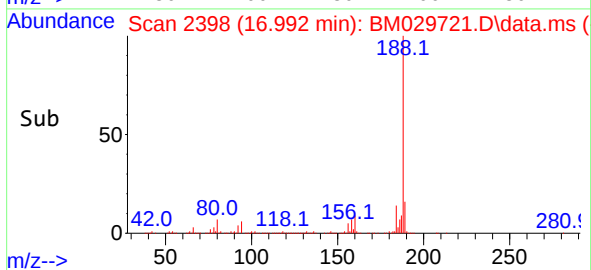
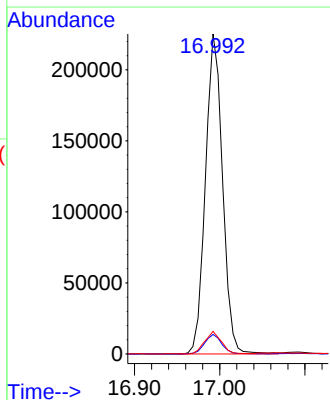
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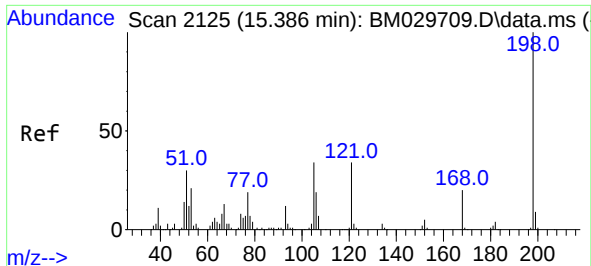


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.992 min Scan# 2398  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



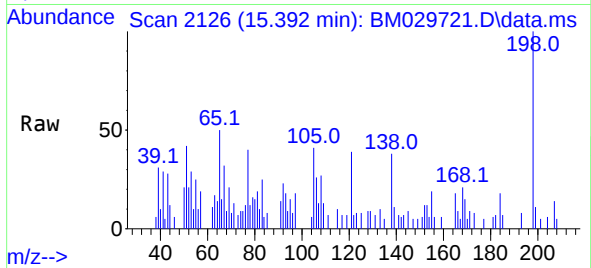
Tgt Ion: 188 Resp: 314782  
Ion Ratio Lower Upper  
188 100  
94 6.1 6.0 9.0  
80 7.1 6.6 9.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.24 ng  
RT: 15.392 min Scan# 2126  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Instrument :  
BNA\_M  
ClientSampleId :  
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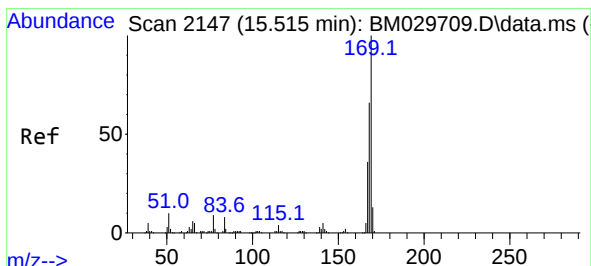
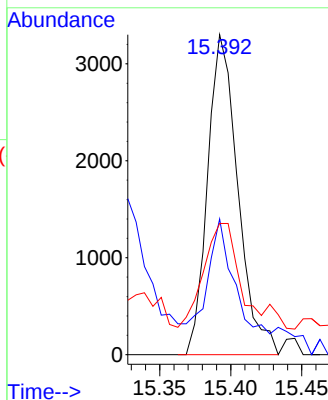
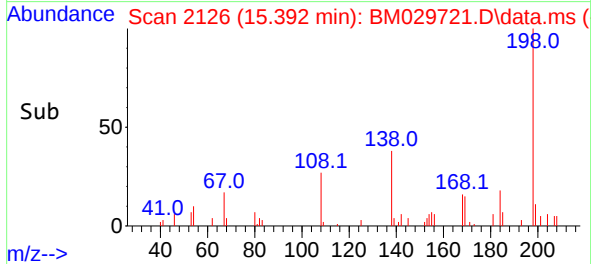


Tgt Ion:198 Resp: 4887  
Ion Ratio Lower Upper  
198 100  
51 42.4 18.9 58.9  
105 41.0 17.6 57.6

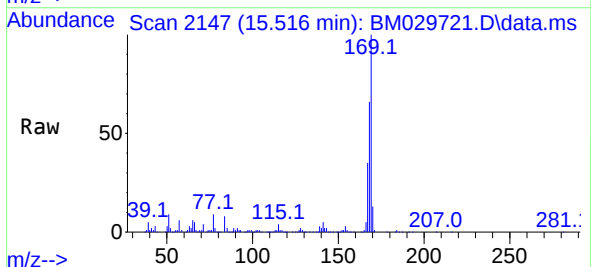
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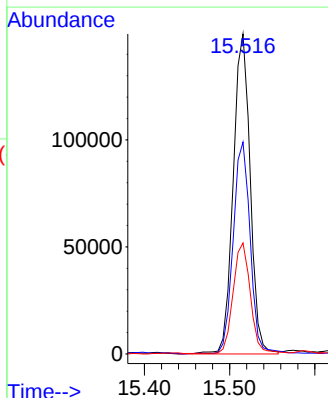
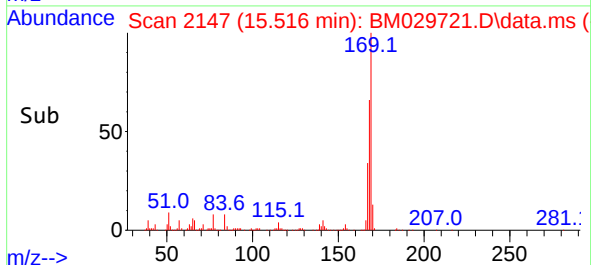
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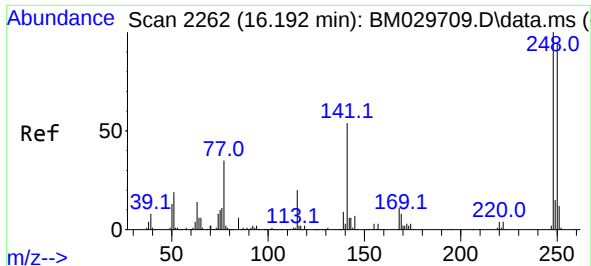


#66  
n-Nitrosodiphenylamine  
Concen: 22.15 ng  
RT: 15.516 min Scan# 2147  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

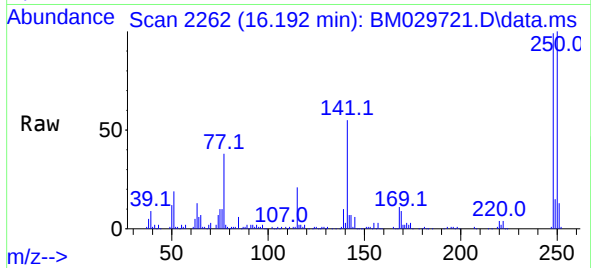


Tgt Ion:169 Resp: 207138  
Ion Ratio Lower Upper  
169 100  
168 66.2 54.2 81.2  
167 34.7 29.0 43.6

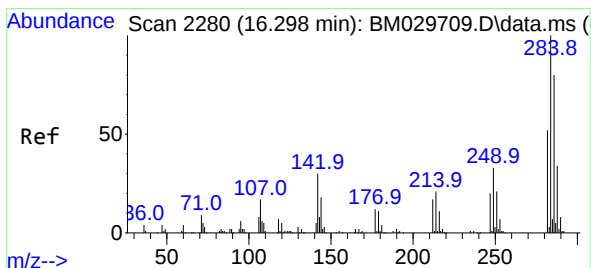
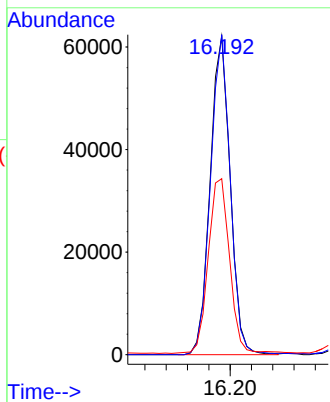
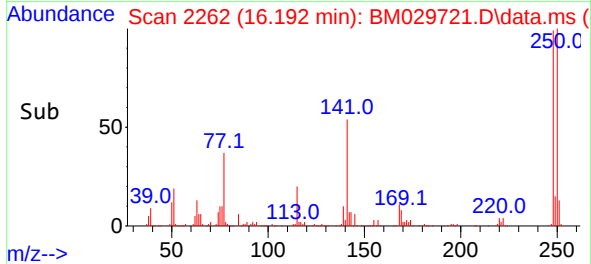




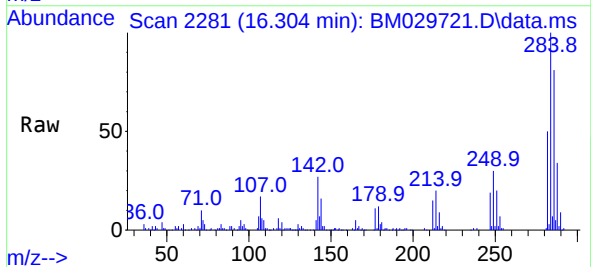
#67  
4-Bromophenyl-phenylether  
Concen: 21.64 ng  
RT: 16.192 min Scan# 2262  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



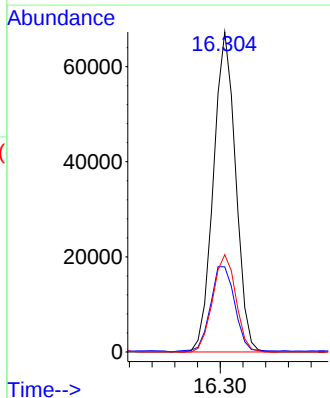
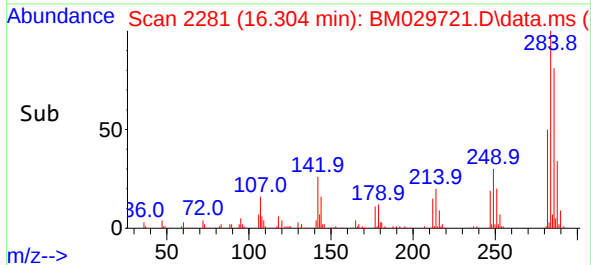
Tgt Ion:248 Resp: 81078  
Ion Ratio Lower Upper  
248 100  
250 100.6 77.9 116.9  
141 55.3 56.2 84.2#



#68  
Hexachlorobenzene  
Concen: 21.83 ng  
RT: 16.304 min Scan# 2281  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



Tgt Ion:284 Resp: 91315  
Ion Ratio Lower Upper  
284 100  
142 26.6 29.0 43.4#  
249 30.4 26.0 39.0

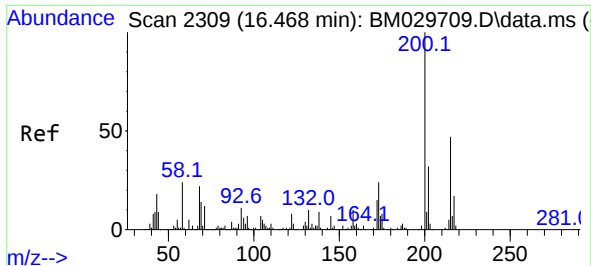


Instrument :  
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#69  
Atrazine  
Concen: 22.30 ng  
RT: 16.469 min Scan# 2309  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

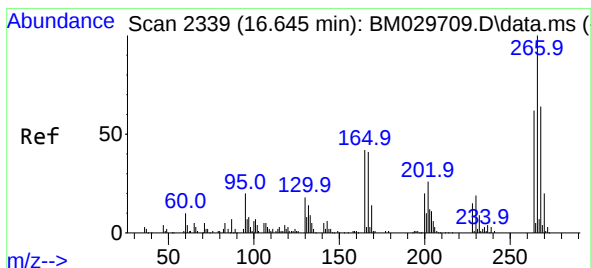
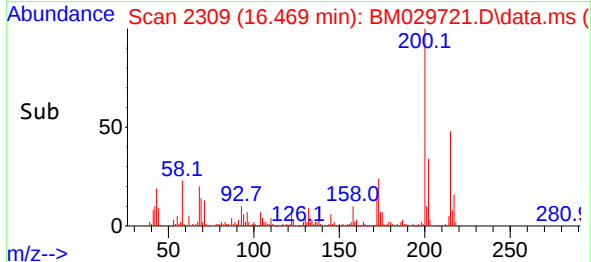
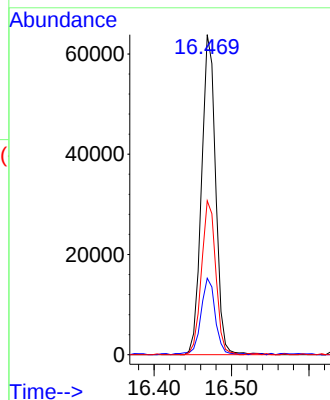
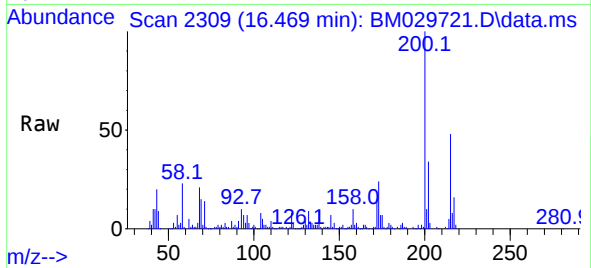
Tgt Ion:200 Resp: 80828  
Ion Ratio Lower Upper  
200 100  
173 23.9 3.8 43.8  
215 48.1 24.8 64.8

Instrument :  
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ClientSampleId :  
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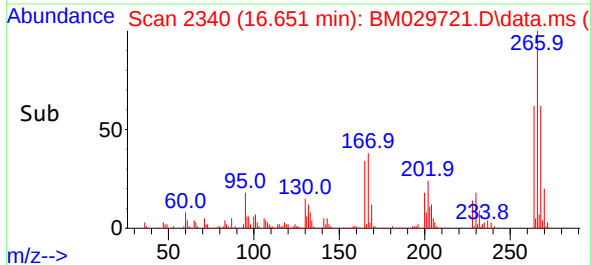
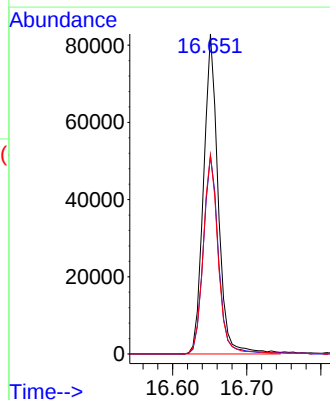
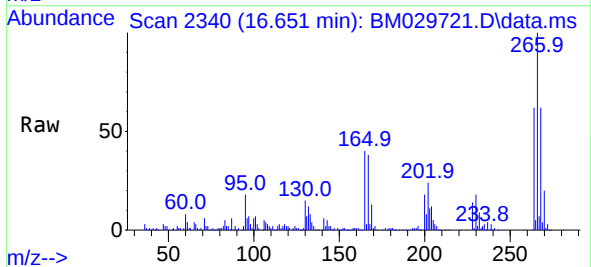
mohammad

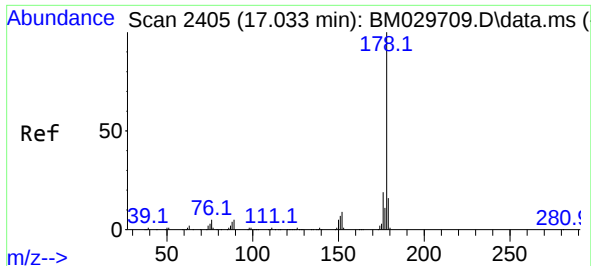
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#70  
Pentachlorophenol  
Concen: 46.07 ng  
RT: 16.651 min Scan# 2340  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Tgt Ion:266 Resp: 113639  
Ion Ratio Lower Upper  
266 100  
268 61.9 52.8 79.2  
264 62.2 51.9 77.9





#71  
Phenanthrene  
Concen: 22.66 ng  
RT: 17.033 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

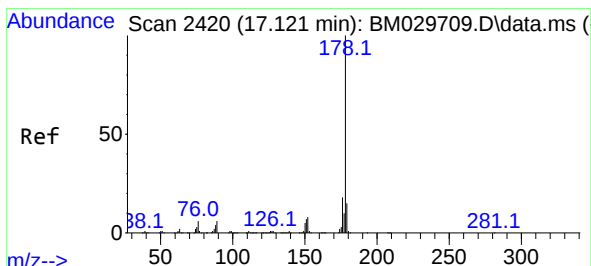
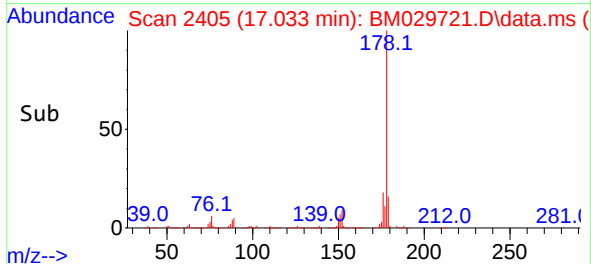
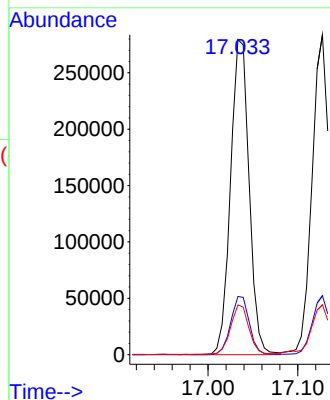
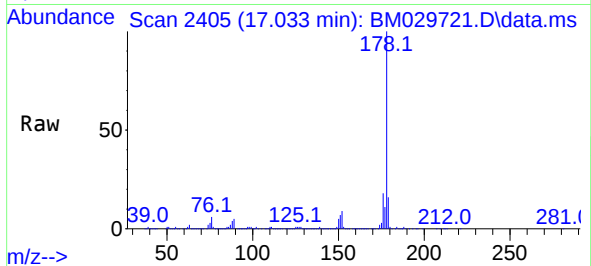
Tgt Ion:178 Resp: 402053  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.4 23.0  
179 15.8 12.2 18.4

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

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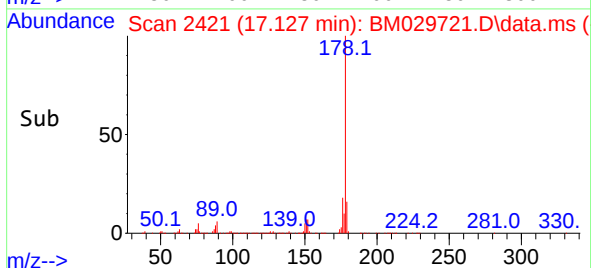
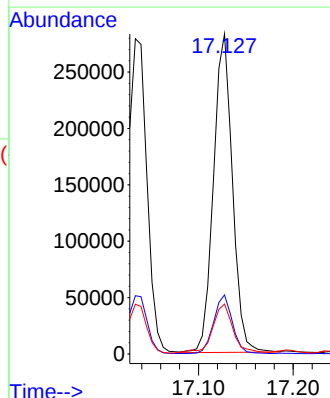
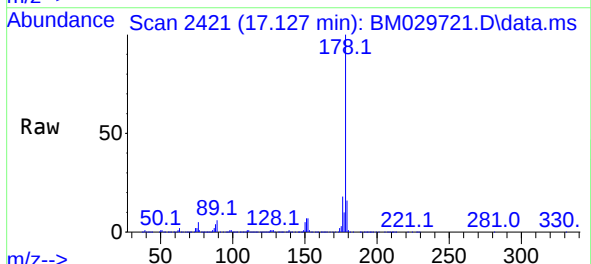
mohammad

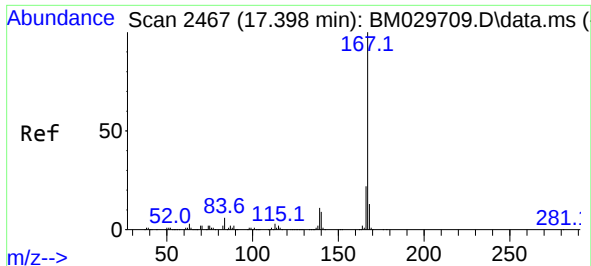
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#72  
Anthracene  
Concen: 22.28 ng  
RT: 17.127 min Scan# 2421  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Tgt Ion:178 Resp: 392439  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.0 22.4  
179 15.6 12.5 18.7





#73  
 Carbazole  
 Concen: 21.25 ng  
 RT: 17.398 min Scan# 2467  
 Delta R.T. 0.000 min  
 Lab File: BM029721.D  
 Acq: 29 Apr 2021 22:26

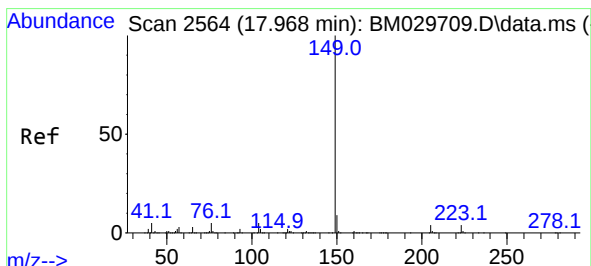
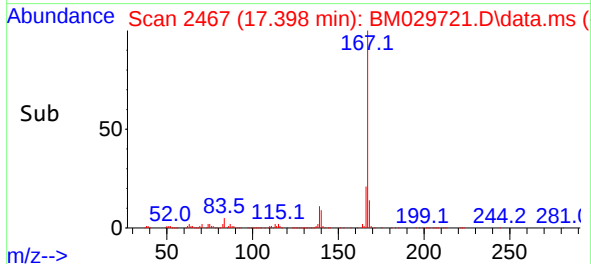
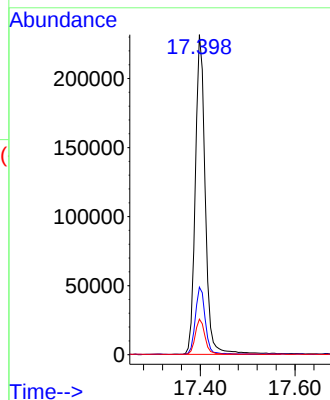
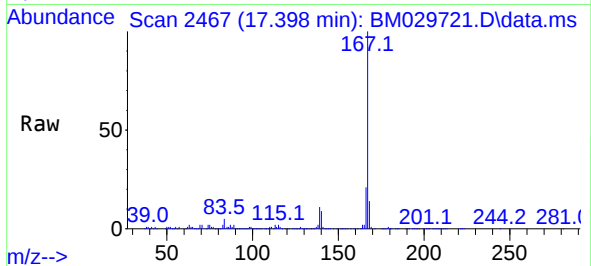
Tgt Ion:167 Resp: 337637  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.4 26.0  
 139 11.1 9.8 14.6

Instrument :  
 BNA\_M  
 ClientSampleId :  
 HTRCV2-GRAB-CF02-01MSD

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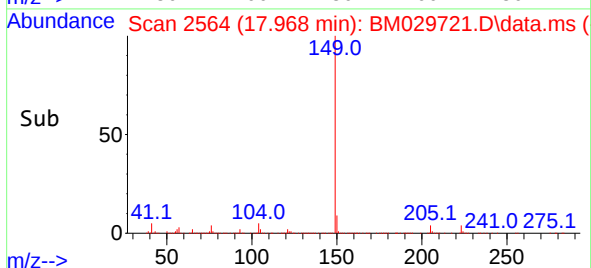
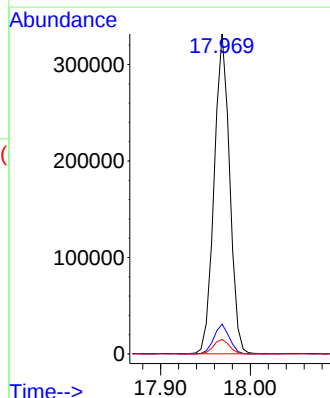
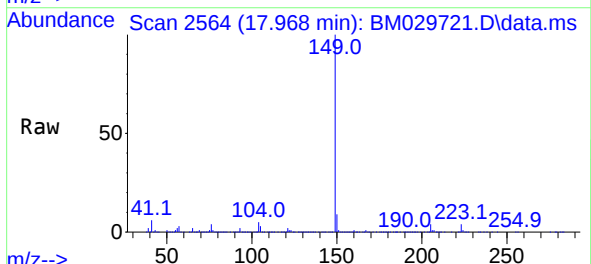
mohammad

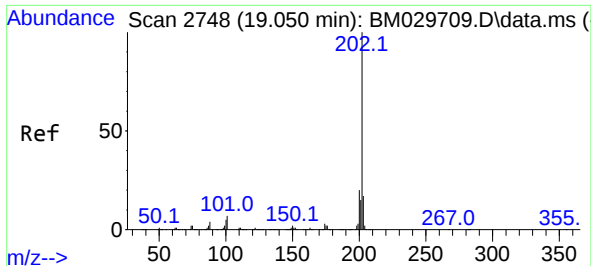
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#74  
 Di-n-butylphthalate  
 Concen: 21.15 ng  
 RT: 17.968 min Scan# 2564  
 Delta R.T. 0.000 min  
 Lab File: BM029721.D  
 Acq: 29 Apr 2021 22:26

Tgt Ion:149 Resp: 396988  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.2 10.8  
 104 4.5 4.3 6.5





#75  
Fluoranthene  
Concen: 22.84 ng  
RT: 19.057 min Scan# 2749  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

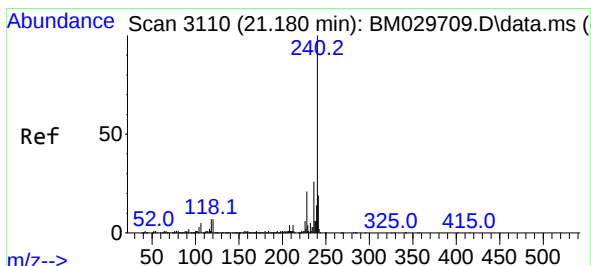
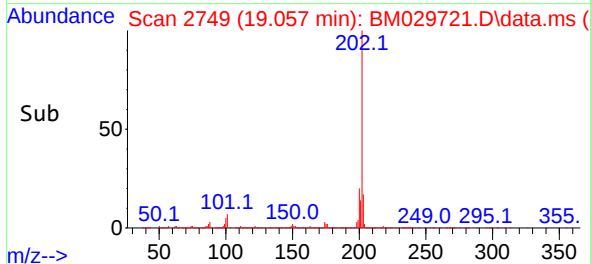
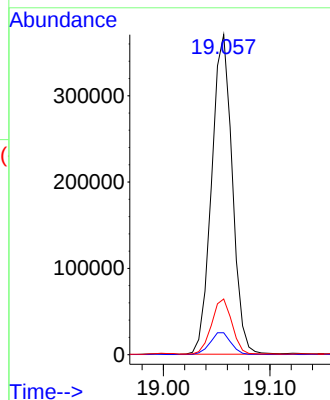
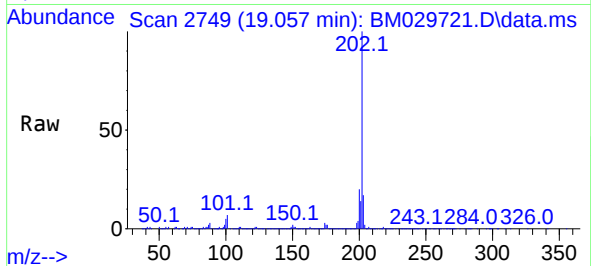
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 497531 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 6.9   | 0.0   | 28.6   |
| 203      | 17.4  | 0.0   | 37.3   |

Instrument :  
BNA\_M  
ClientSampleId :  
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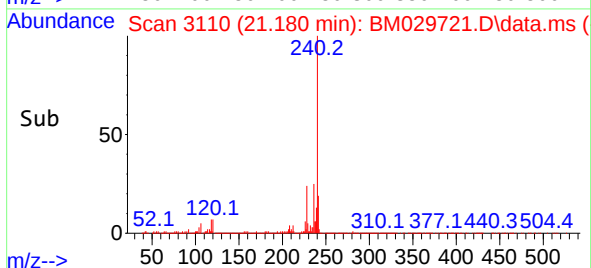
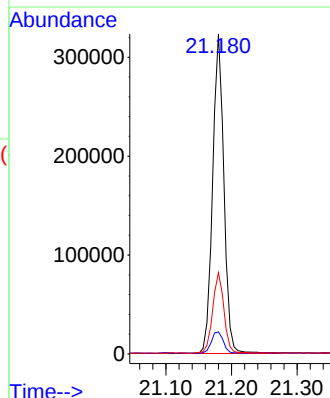
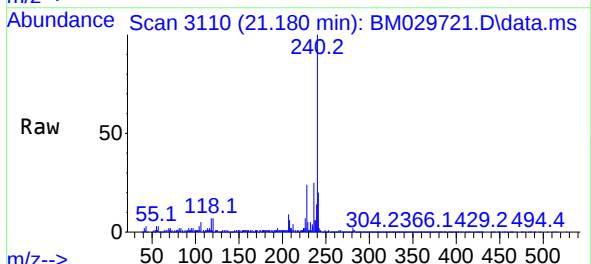
mohammad

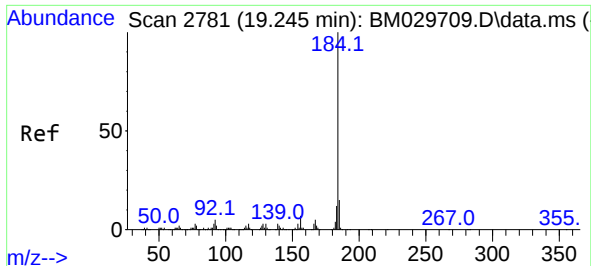
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#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.180 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 387236 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 6.9   | 7.0   | 10.6#  |
| 236      | 25.4  | 21.0  | 31.4   |





#77  
Benzidine  
Concen: 44.39 ng  
RT: 19.251 min Scan# 2782  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

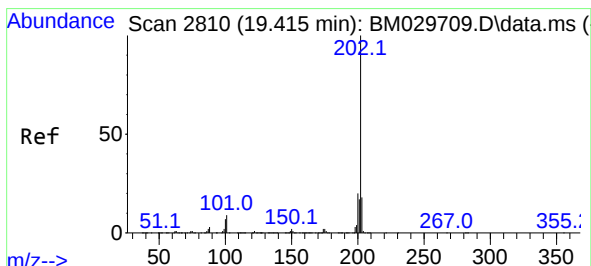
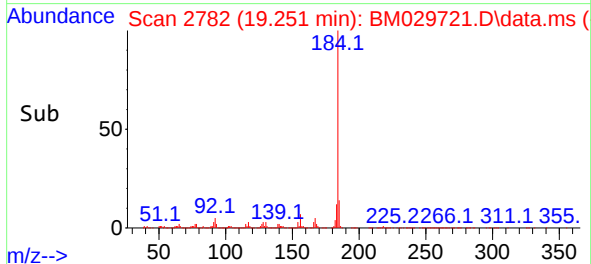
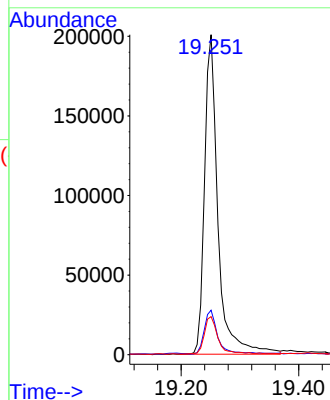
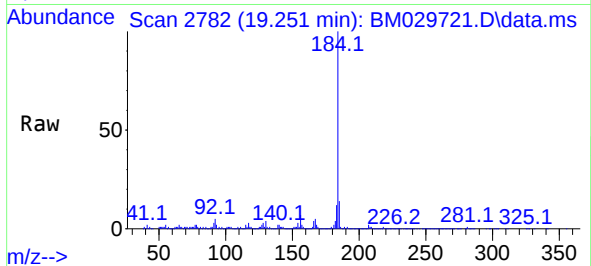
Tgt Ion:184 Resp: 317977  
Ion Ratio Lower Upper  
184 100  
185 13.9 10.9 16.3  
183 11.9 9.8 14.8

Instrument :  
BNA\_M  
ClientSampleId :  
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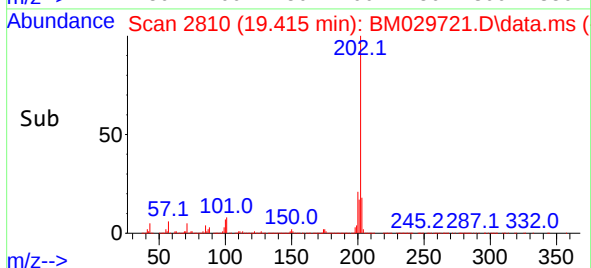
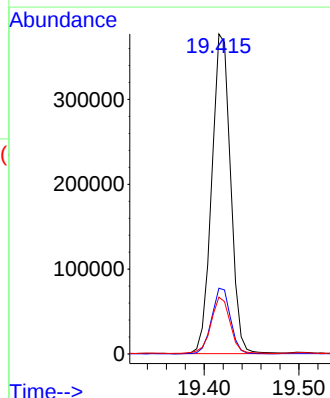
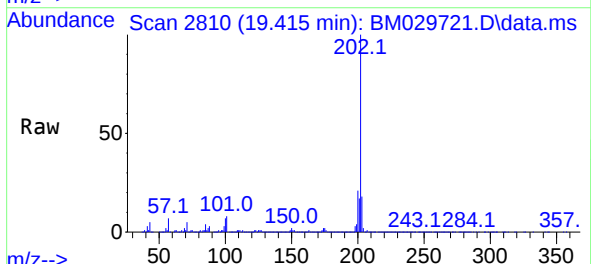
mohammad

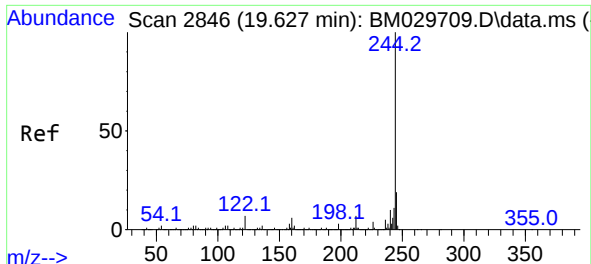
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#78  
Pyrene  
Concen: 20.91 ng  
RT: 19.415 min Scan# 2810  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

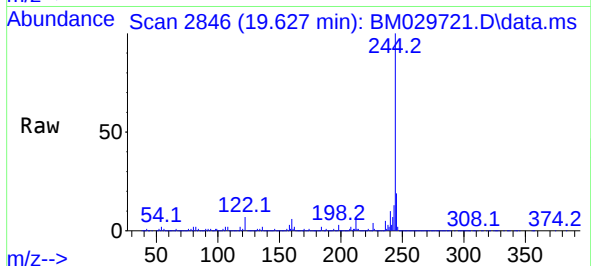
Tgt Ion:202 Resp: 519305  
Ion Ratio Lower Upper  
202 100  
200 20.6 17.3 25.9  
203 17.7 13.9 20.9





#79  
Terphenyl-d14  
Concen: 59.10 ng  
RT: 19.627 min Scan# 2846  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

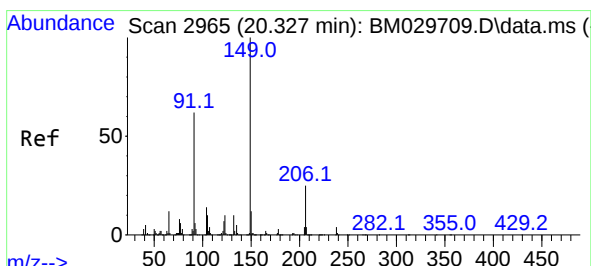
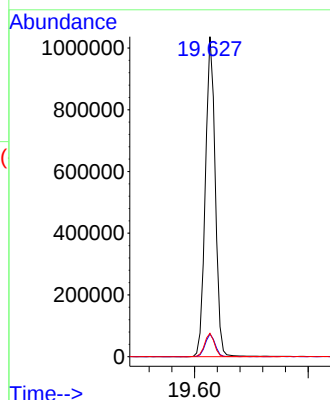
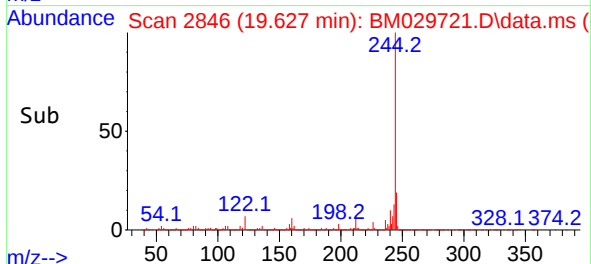


Tgt Ion:244 Resp: 1246859  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.3 9.5  
122 7.3 6.9 10.3

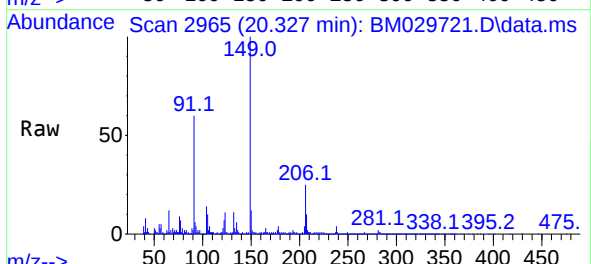
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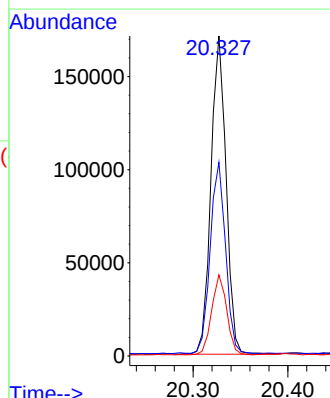
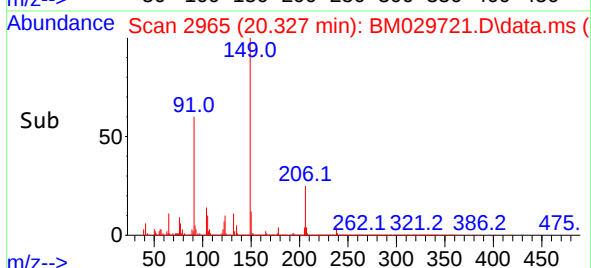
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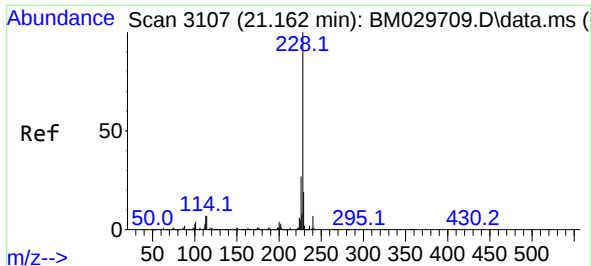


#80  
Butylbenzylphthalate  
Concen: 20.00 ng  
RT: 20.327 min Scan# 2965  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



Tgt Ion:149 Resp: 189397  
Ion Ratio Lower Upper  
149 100  
91 60.5 57.4 86.0  
206 25.4 16.6 25.0#





#81  
Benzo(a)anthracene  
Concen: 21.70 ng  
RT: 21.162 min Scan# 3107  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

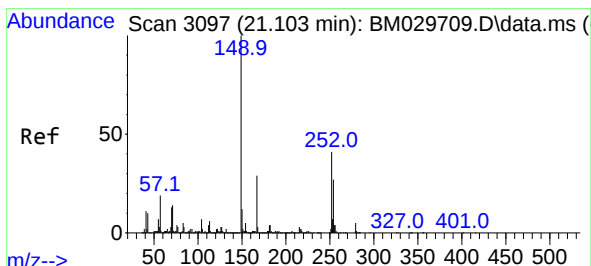
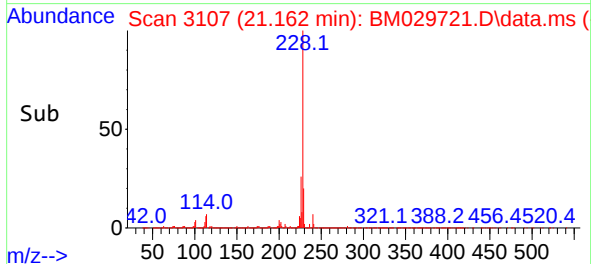
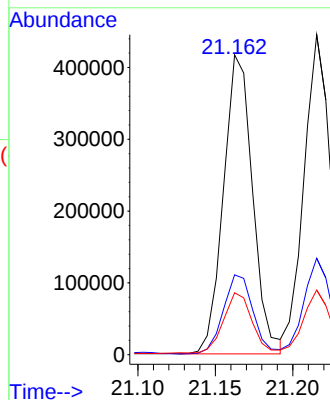
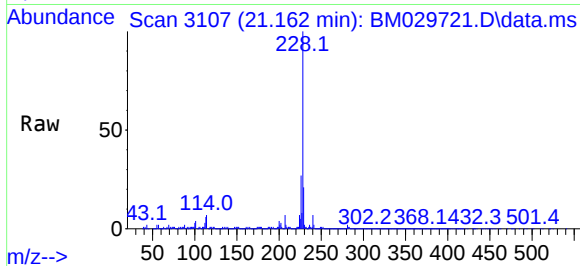
Tgt Ion:228 Resp: 546785  
Ion Ratio Lower Upper  
228 100  
226 26.6 22.3 33.5  
229 20.6 15.7 23.5

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

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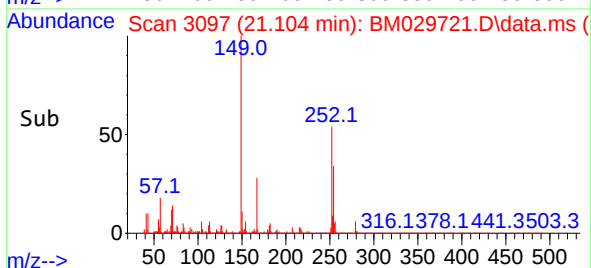
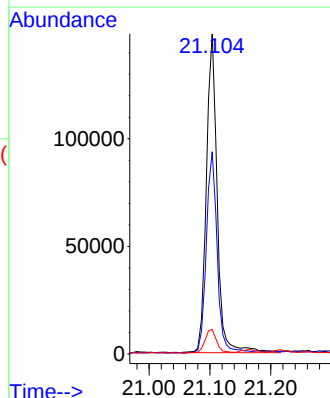
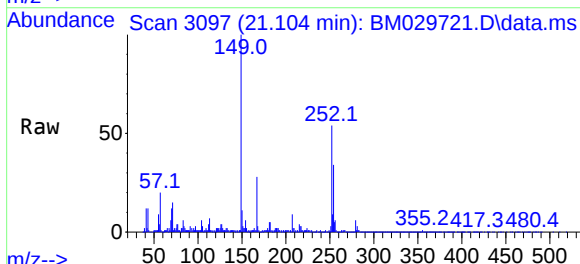
mohammad

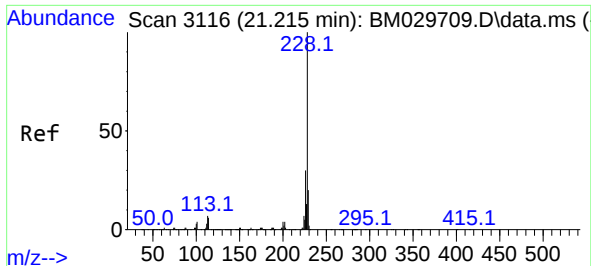
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#82  
3,3'-Dichlorobenzidine  
Concen: 22.97 ng  
RT: 21.104 min Scan# 3097  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Tgt Ion:252 Resp: 183993  
Ion Ratio Lower Upper  
252 100  
254 63.2 51.5 77.3  
126 7.6 8.6 13.0#





#83  
Chrysene  
Concen: 21.60 ng  
RT: 21.215 min Scan# 3116  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

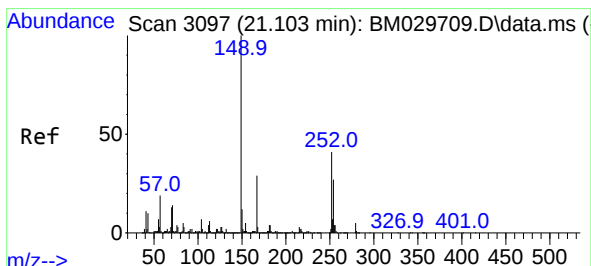
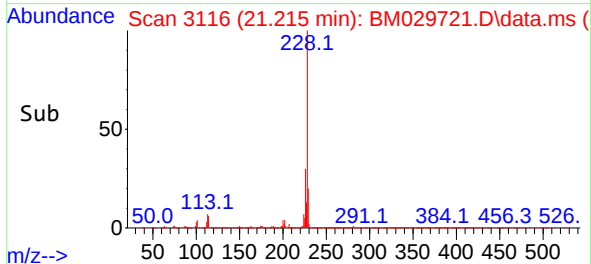
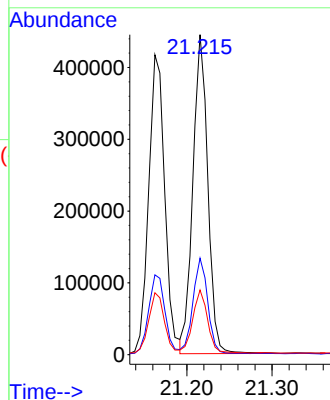
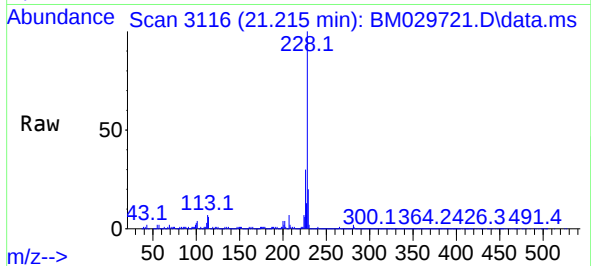
Tgt Ion:228 Resp: 539930  
Ion Ratio Lower Upper  
228 100  
226 30.1 24.6 36.8  
229 20.2 15.5 23.3

Instrument :  
BNA\_M  
ClientSampleId :  
HTCRV2-GRAB-CF02-01MSD

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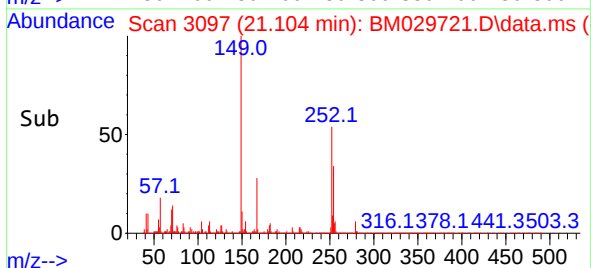
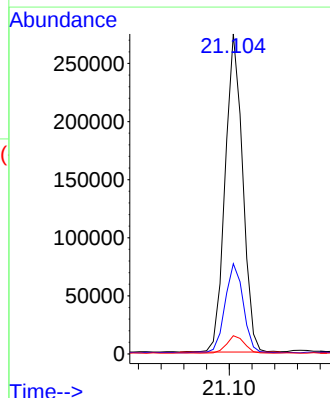
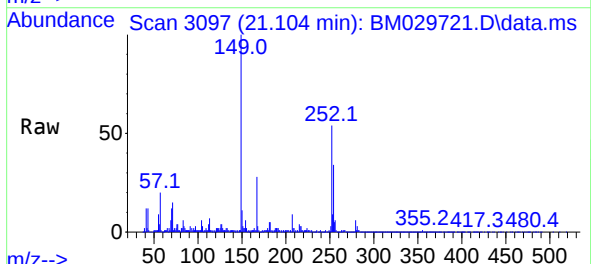
mohammad

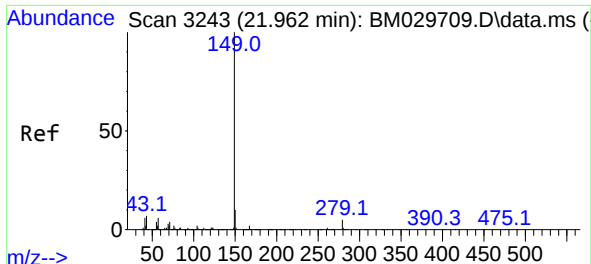
5/3/2021 10:49:12 AM



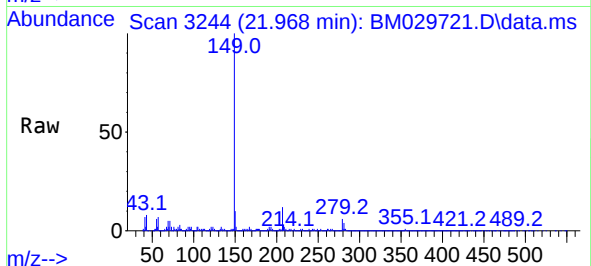
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 19.47 ng  
RT: 21.104 min Scan# 3097  
Delta R.T. 0.000 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26

Tgt Ion:149 Resp: 293862  
Ion Ratio Lower Upper  
149 100  
167 28.2 22.6 33.8  
279 5.7 3.8 5.8

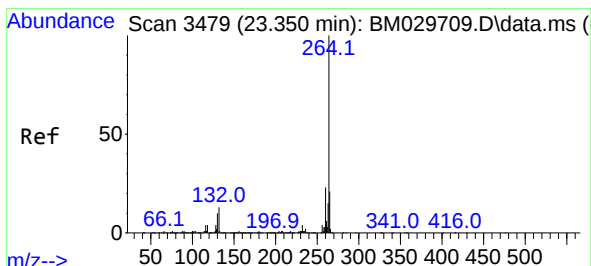
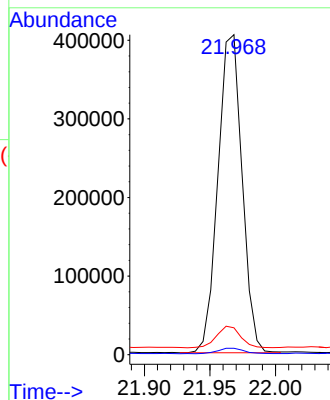
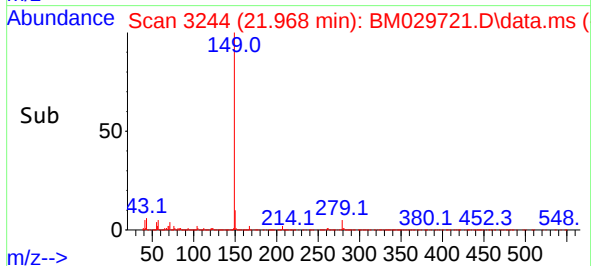




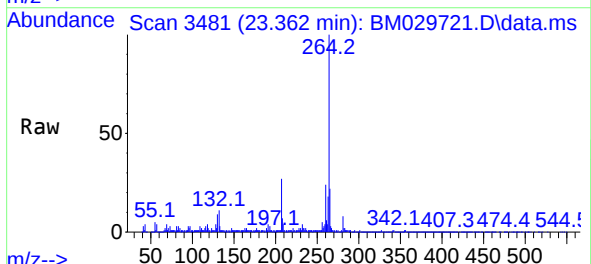
#85  
Di-n-octyl phthalate  
Concen: 20.45 ng  
RT: 21.968 min Scan# 3244  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



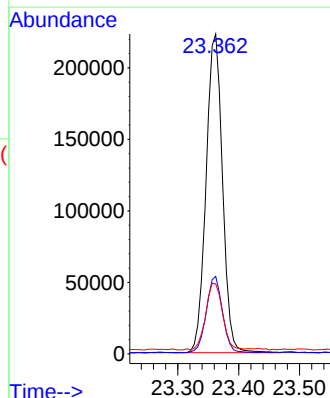
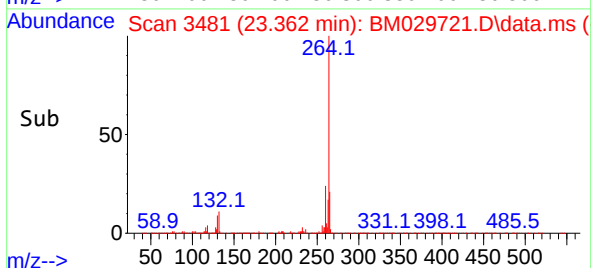
Tgt Ion:149 Resp: 518406  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.3 1.9  
43 6.7 7.4 11.0#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.362 min Scan# 3481  
Delta R.T. 0.012 min  
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Tgt Ion:264 Resp: 416969  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.8 29.8  
265 21.9 17.7 26.5

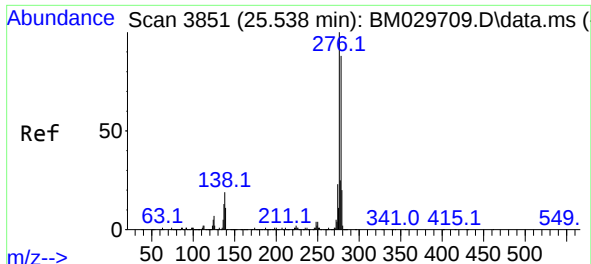


Instrument :  
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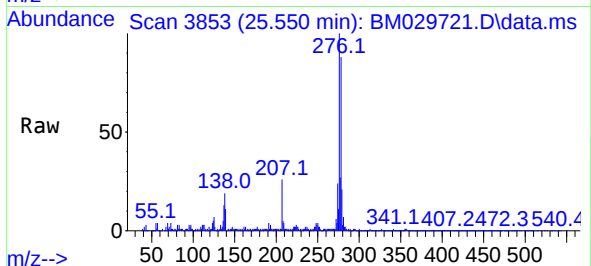
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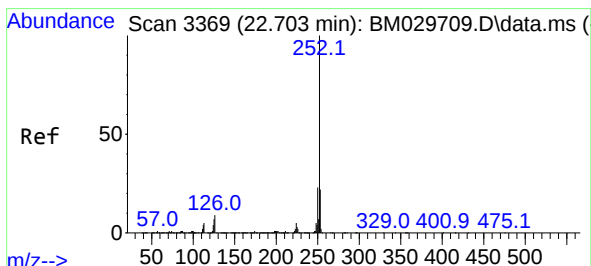
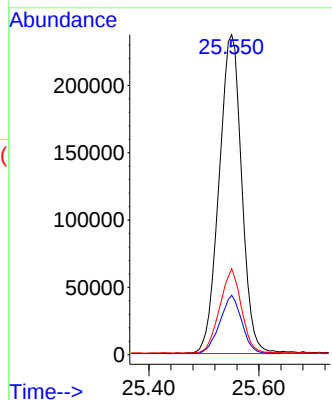
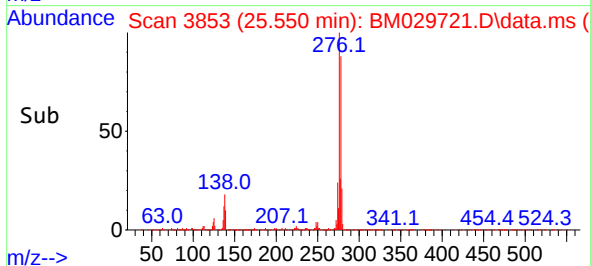
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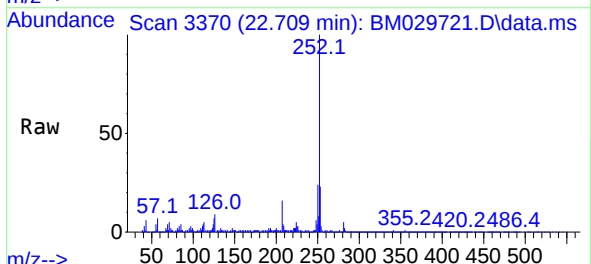
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 21.44 ng  
RT: 25.550 min Scan# 3853  
Delta R.T. 0.012 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



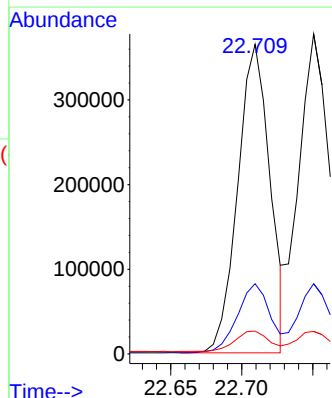
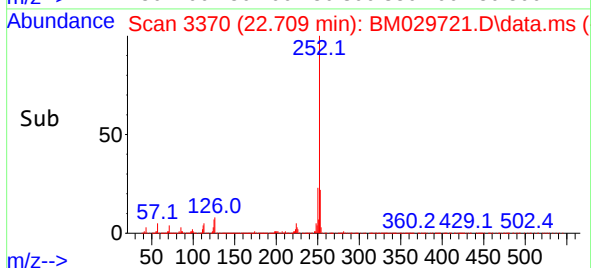
Tgt Ion:276 Resp: 676806  
Ion Ratio Lower Upper  
276 100  
138 17.8 17.1 25.7  
277 25.3 20.3 30.5



#88  
Benzo(b)fluoranthene  
Concen: 20.85 ng  
RT: 22.709 min Scan# 3370  
Delta R.T. 0.006 min  
Lab File: BM029721.D  
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Tgt Ion:252 Resp: 575027  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.4 26.0  
125 7.4 6.8 10.2

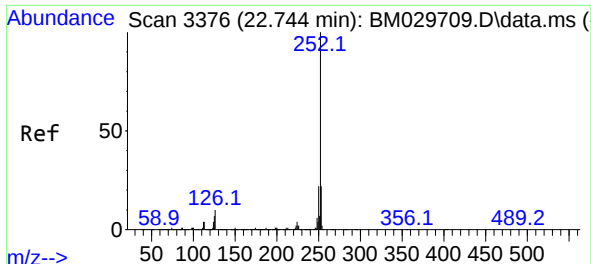


Instrument :  
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#89

Benzo(k)fluoranthene

Concen: 21.65 ng

RT: 22.751 min Scan# 3377

Delta R.T. 0.006 min

Lab File: BM029721.D

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Tgt Ion:252 Resp: 578597

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 7.1 6.2 9.2

Instrument :

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ClientSampleId :

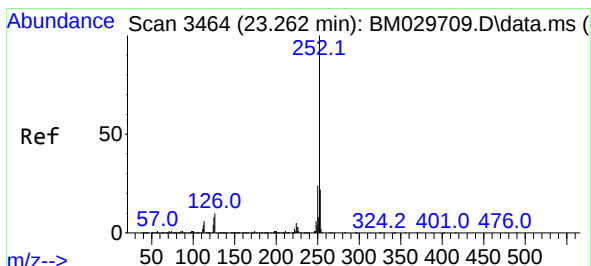
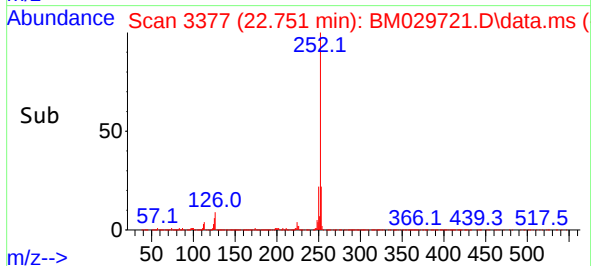
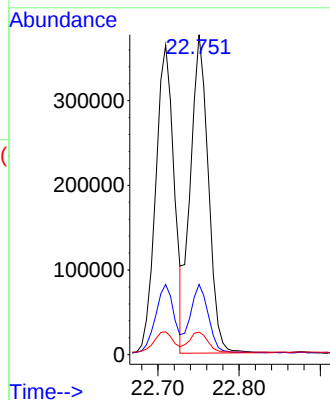
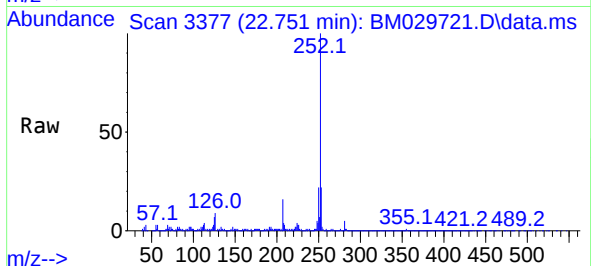
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#90

Benzo(a)pyrene

Concen: 22.35 ng

RT: 23.268 min Scan# 3465

Delta R.T. 0.006 min

Lab File: BM029721.D

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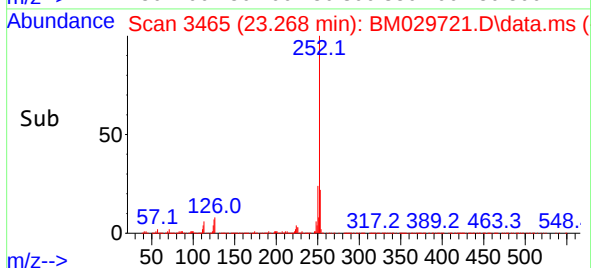
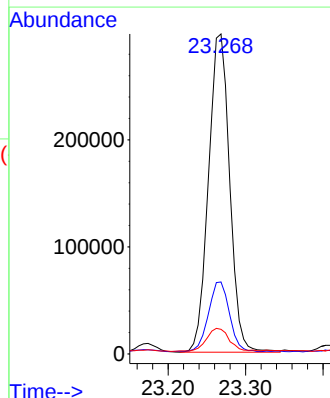
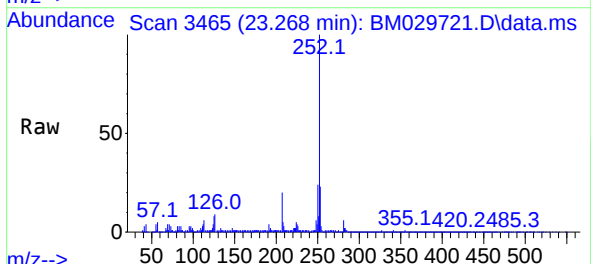
Tgt Ion:252 Resp: 564063

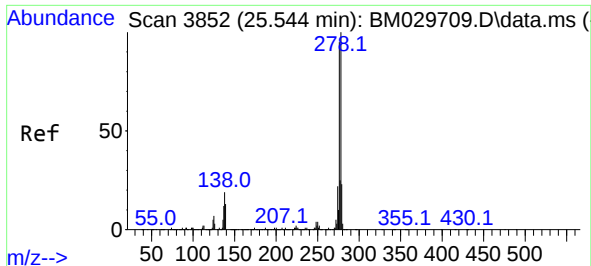
Ion Ratio Lower Upper

252 100

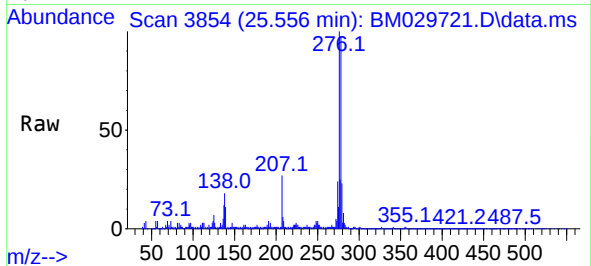
253 22.5 17.7 26.5

125 7.7 7.3 10.9

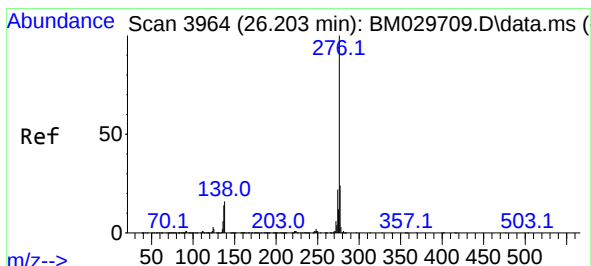
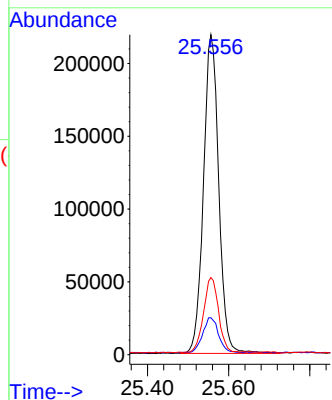
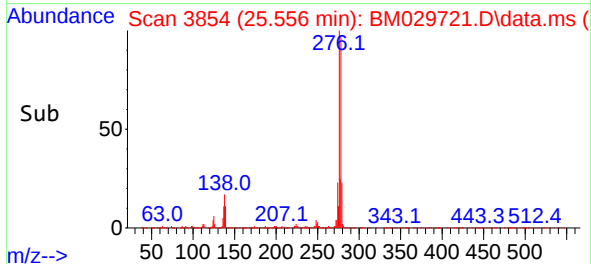




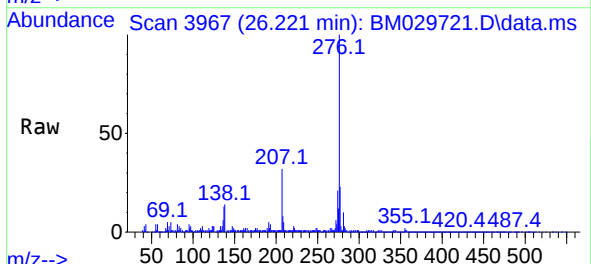
#91  
Dibenzo(a,h)anthracene  
Concen: 20.95 ng  
RT: 25.556 min Scan# 3854  
Delta R.T. 0.012 min  
Lab File: BM029721.D  
Acq: 29 Apr 2021 22:26



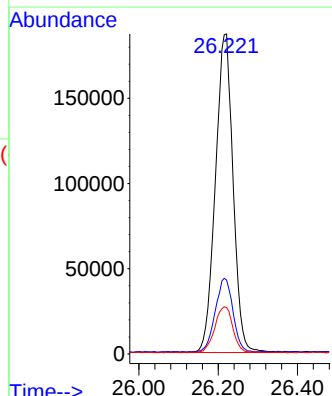
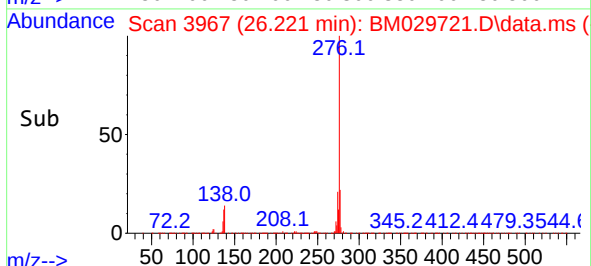
Tgt Ion:278 Resp: 570908  
Ion Ratio Lower Upper  
278 100  
139 11.6 11.0 16.4  
279 24.1 18.7 28.1



#92  
Benzo(g,h,i)perylene  
Concen: 22.49 ng  
RT: 26.221 min Scan# 3967  
Delta R.T. 0.018 min  
Lab File: BM029721.D  
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Tgt Ion:276 Resp: 578315  
Ion Ratio Lower Upper  
276 100  
277 23.1 19.4 29.2  
138 14.5 14.4 21.6



Instrument :  
BNA\_M  
ClientSampleId :  
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