

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
 Data File : BG048589.D
 Acq On : 5 Apr 2021 18:39
 Operator : CG/JU
 Sample : M1908-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD

Manual Integrations
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 4/6/2021 3:22:35 PM

Quant Time: Apr 06 04:41:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) | |
|-------------------------------|--------|------|----------|------------|----------|--------|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.093 | 152 | 28330 | 20.00 ng | 0.00 | |
| 21) Naphthalene-d8 | 10.919 | 136 | 119258 | 20.00 ng | # 0.00 | |
| 39) Acenaphthene-d10 | 14.750 | 164 | 82811 | 20.00 ng | 0.00 | |
| 64) Phenanthrene-d10 | 17.500 | 188 | 194768 | 20.00 ng | # 0.00 | |
| 76) Chrysene-d12 | 21.801 | 240 | 183123 | 20.00 ng | # 0.00 | |
| 86) Perylene-d12 | 25.138 | 264 | 182200 | 20.00 ng | -0.01 | |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.637 | 112 | 224263 | 139.76 ng | 0.00 | |
| 7) Phenol-d6 | 7.247 | 99 | 294012 | 126.34 ng | 0.00 | |
| 23) Nitrobenzene-d5 | 9.263 | 82 | 200530 | 81.41 ng | 0.00 | |
| 42) 2,4,6-Tribromophenol | 16.237 | 330 | 135784 | 124.74 ng | 0.00 | |
| 45) 2-Fluorobiphenyl | 13.370 | 172 | 442475 | 79.42 ng | 0.00 | |
| 79) Terphenyl-d14 | 20.109 | 244 | 736995 | 73.60 ng | 0.00 | |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.499 | 88 | 28055 | 43.46 ng | | 92 |
| 3) Pyridine | 3.904 | 79 | 72496 | 44.79 ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.816 | 42 | 53631 | 50.71 ng | # | 92 |
| 6) Aniline | 7.406 | 93 | 69572 | 26.03 ng | | 97 |
| 8) 2-Chlorophenol | 7.653 | 128 | 93513 | 51.57 ng | | 93 |
| 9) Benzaldehyde | 7.218 | 77 | 66534 | 44.73 ng | | 97 |
| 10) Phenol | 7.271 | 94 | 121700 | 52.23 ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.506 | 93 | 75783 | 46.88 ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.982 | 146 | 99159 | 48.54 ng | | 93 |
| 13) 1,4-Dichlorobenzene | 8.129 | 146 | 101299 | 49.18 ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.446 | 146 | 97576 | 49.47 ng | | 95 |
| 15) Benzyl Alcohol | 8.334 | 79 | 94585 | 49.62 ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.616 | 45 | 74549 | 47.80 ng | | 93 |
| 17) 2-Methylphenol | 8.534 | 107 | 78892 | 52.33 ng | | 92 |
| 18) Hexachloroethane | 9.186 | 117 | 38271 | 50.00 ng | | 87 |
| 19) n-Nitroso-di-n-propyla... | 8.898 | 70 | 70790 | 44.13 ng | | 91 |
| 20) 3+4-Methylphenols | 8.863 | 107 | 108348 | 51.78 ng | | 92 |
| 22) Acetophenone | 8.922 | 105 | 142607 | 46.38 ng | # | 96 |
| 24) Nitrobenzene | 9.304 | 77 | 109110 | 45.14 ng | | 99 |
| 25) Isophorone | 9.827 | 82 | 198330 | 43.60 ng | | 97 |
| 26) 2-Nitrophenol | 10.021 | 139 | 52574 | 47.33 ng | | 97 |
| 27) 2,4-Dimethylphenol | 10.073 | 122 | 95283 | 54.52 ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.314 | 93 | 104934 | 50.33 ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.561 | 162 | 95894 | 48.46 ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 10.778 | 180 | 103827 | 45.66 ng | | 98 |
| 31) Naphthalene | 10.972 | 128 | 274121 | 44.70 ng | | 96 |
| 32) Benzoic acid | 10.226 | 122 | 68158 | 50.69 ng | | 93 |
| 33) 4-Chloroaniline | 11.072 | 127 | 26817 | 10.36 ng | | 96 |
| 34) Hexachlorobutadiene | 11.254 | 225 | 74879 | 45.09 ng | | 93 |
| 35) Caprolactam | 11.848 | 113 | 33708m | 46.69 ng | | |
| 36) 4-Chloro-3-methylphenol | 12.194 | 107 | 106048 | 47.72 ng | | 94 |
| 37) 2-Methylnaphthalene | 12.576 | 142 | 217025 | 44.46 ng | | 95 |
| 38) 1-Methylnaphthalene | 12.794 | 142 | 200485m | 43.06 ng | | |
| 40) 1,2,4,5-Tetrachloroben... | 12.941 | 216 | 129826 | 50.57 ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.917 | 237 | 169077 | 113.69 ng | | 93 |
| 43) 2,4,6-Trichlorophenol | 13.176 | 196 | 86932 | 49.27 ng | | 93 |

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Quant Time: Apr 06 04:41:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol | 13.252 | 196 | 98237 | 52.04 | ng | 94 |
| 46) 1,1'-Biphenyl | 13.575 | 154 | 287667 | 47.54 | ng | 97 |
| 47) 2-Chloronaphthalene | 13.622 | 162 | 217390 | 47.16 | ng | 100 |
| 48) 2-Nitroaniline | 13.822 | 65 | 73364 | 50.06 | ng | 86 |
| 49) Acenaphthylene | 14.468 | 152 | 365261 | 50.54 | ng | 98 |
| 50) Dimethylphthalate | 14.192 | 163 | 308456 | 50.18 | ng | 98 |
| 51) 2,6-Dinitrotoluene | 14.316 | 165 | 65513 | 46.59 | ng | 94 |
| 52) Acenaphthene | 14.809 | 154 | 285826m | 54.68 | ng | |
| 53) 3-Nitroaniline | 14.645 | 138 | 23144 | 16.78 | ng | 93 |
| 54) 2,4-Dinitrophenol | 14.850 | 184 | 92439 | 116.91 | ng | 93 |
| 55) Dibenzofuran | 15.144 | 168 | 350444 | 45.90 | ng | 97 |
| 56) 4-Nitrophenol | 14.956 | 139 | 114297 | 102.69 | ng | 90 |
| 57) 2,4-Dinitrotoluene | 15.103 | 165 | 92445 | 46.48 | ng | # 91 |
| 58) Fluorene | 15.796 | 166 | 295333 | 46.22 | ng | 96 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.367 | 232 | 89572 | 48.64 | ng | 99 |
| 60) Diethylphthalate | 15.555 | 149 | 299207 | 47.38 | ng | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.784 | 204 | 161232 | 46.89 | ng | 98 |
| 62) 4-Nitroaniline | 15.814 | 138 | 64517 | 44.73 | ng | 98 |
| 63) Azobenzene | 16.078 | 77 | 271300 | 43.67 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.867 | 198 | 59941 | 51.22 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 16.002 | 169 | 260405 | 46.99 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.683 | 248 | 104656 | 48.47 | ng | 95 |
| 68) Hexachlorobenzene | 16.801 | 284 | 110709 | 49.11 | ng | 96 |
| 69) Atrazine | 16.948 | 200 | 110914 | 49.08 | ng | 96 |
| 70) Pentachlorophenol | 17.147 | 266 | 144983 | 103.47 | ng | 93 |
| 71) Phenanthrene | 17.541 | 178 | 468818 | 46.37 | ng | 100 |
| 72) Anthracene | 17.635 | 178 | 485424 | 48.18 | ng | 99 |
| 73) Carbazole | 17.905 | 167 | 433088 | 45.33 | ng | 97 |
| 74) Di-n-butylphthalate | 18.452 | 149 | 506351 | 47.43 | ng | 98 |
| 75) Fluoranthene | 19.556 | 202 | 574151 | 45.81 | ng | 98 |
| 77) Benzidine | 19.727 | 184 | 216255 | 34.87 | ng | 98 |
| 78) Pyrene | 19.915 | 202 | 577321 | 45.85 | ng | 99 |
| 80) Butylbenzylphthalate | 20.796 | 149 | 224236 | 47.95 | ng | 91 |
| 81) Benzo(a)anthracene | 21.777 | 228 | 571128 | 46.68 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.689 | 252 | 67298 | 16.01 | ng | # 90 |
| 83) Chrysene | 21.848 | 228 | 527656 | 45.19 | ng | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 21.672 | 149 | 318980 | 48.97 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.929 | 149 | 552537 | 48.66 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.987 | 276 | 630912 | 49.39 | ng | # 86 |
| 88) Benzo(b)fluoranthene | 24.081 | 252 | 586977 | 49.60 | ng | 98 |
| 89) Benzo(k)fluoranthene | 24.145 | 252 | 514871 | 45.26 | ng | 98 |
| 90) Benzo(a)pyrene | 24.991 | 252 | 503754 | 46.19 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 29.045 | 278 | 530146 | 48.63 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 30.179 | 276 | 516031 | 48.33 | ng | 97 |

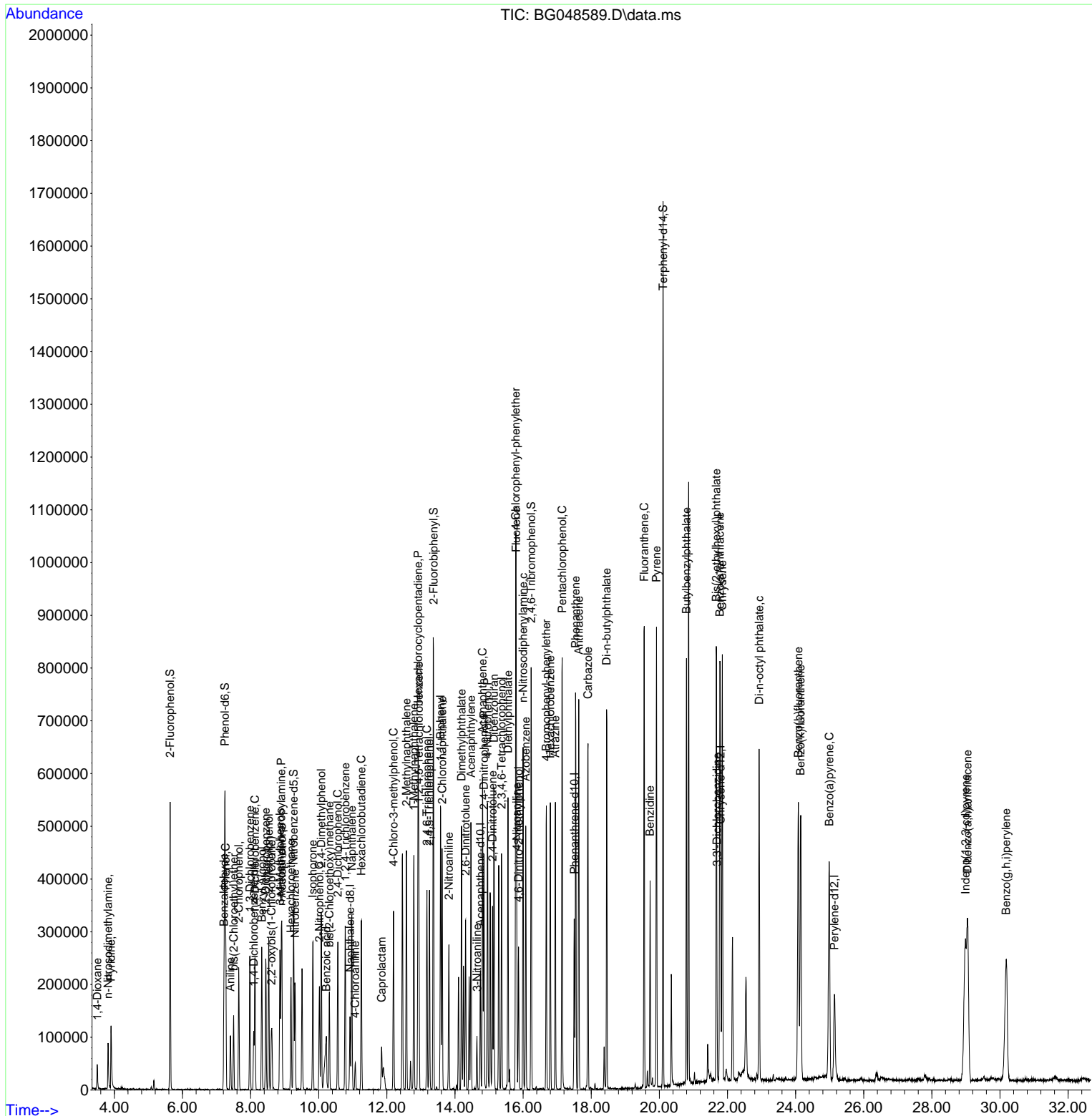
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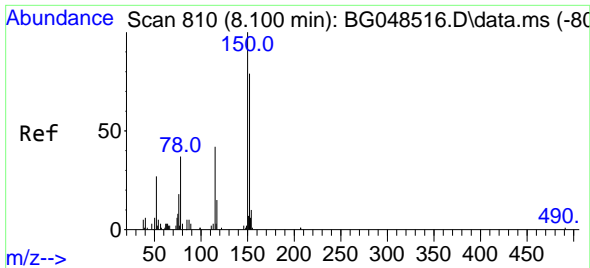
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
 Data File : BG048589.D
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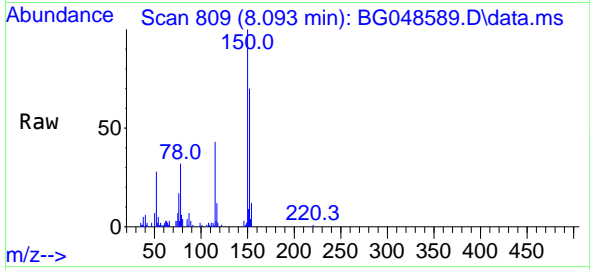
Quant Time: Apr 06 04:41:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
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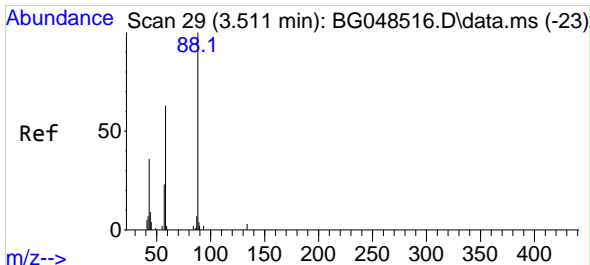
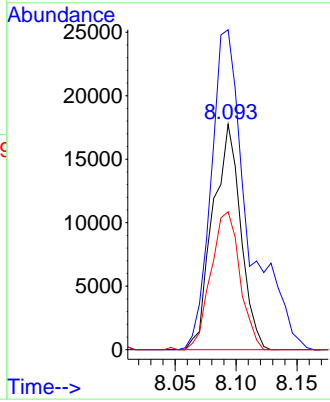
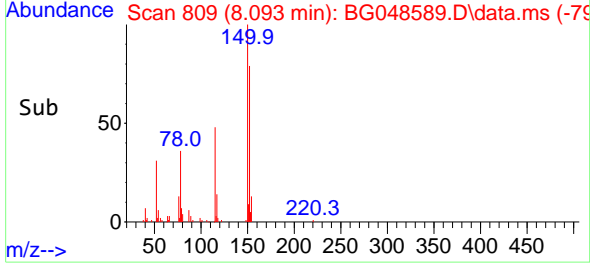
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.093 min Scan# 809
 Delta R.T. -0.001 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD

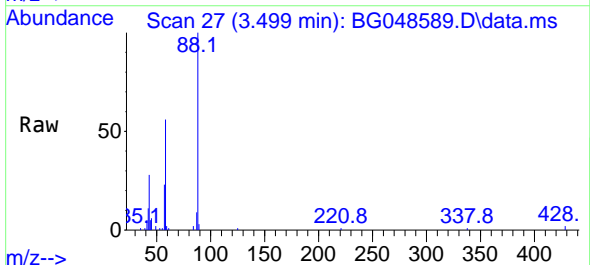


Tgt Ion:152 Resp: 28330
 Ion Ratio Lower Upper
 152 100
 150 141.9 101.3 151.9
 115 61.1 42.3 63.5

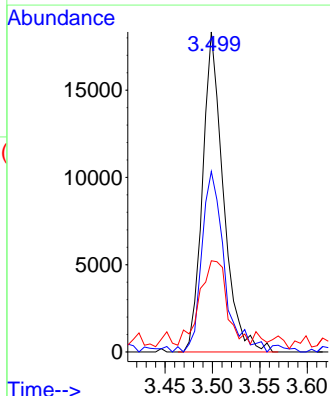
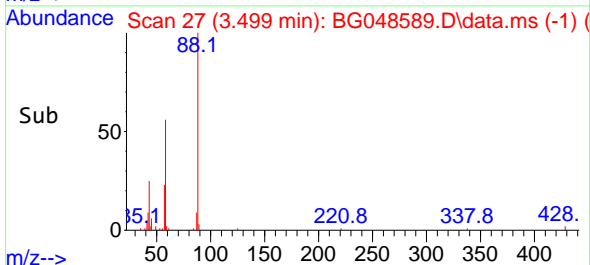
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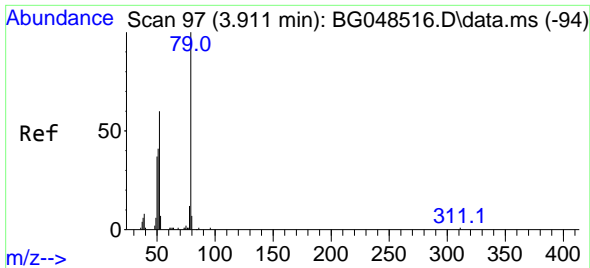


#2
 1,4-Dioxane
 Concen: 43.46 ng
 RT: 3.499 min Scan# 27
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



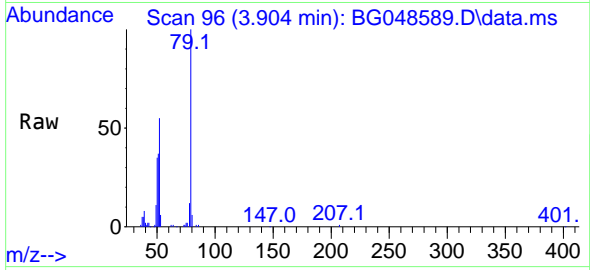
Tgt Ion: 88 Resp: 28055
 Ion Ratio Lower Upper
 88 100
 58 60.8 55.0 82.6
 43 34.5 26.2 39.4





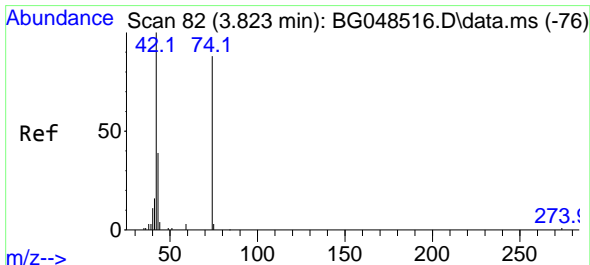
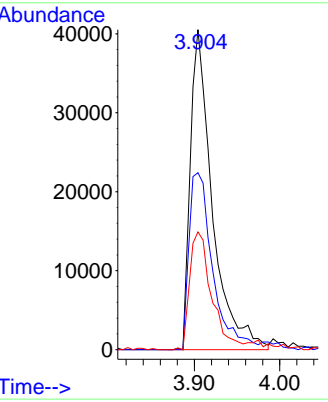
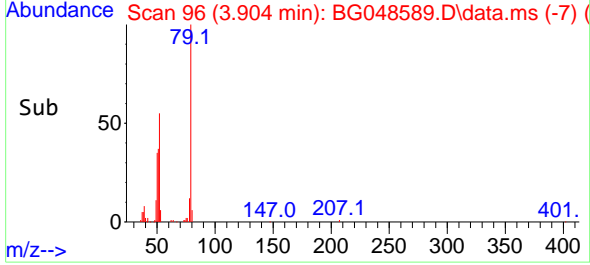
#3
 Pyridine
 Concen: 44.79 ng
 RT: 3.904 min Scan# 96
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD

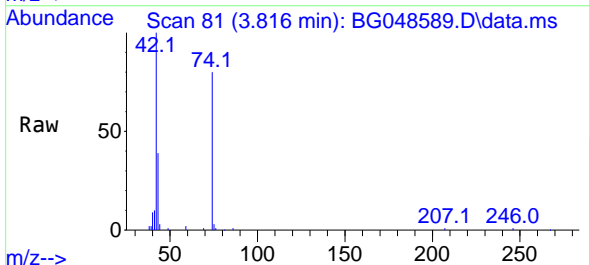


Tgt Ion: 79 Resp: 72496
 Ion Ratio Lower Upper
 79 100
 52 55.3 48.2 72.2
 51 36.8 33.2 49.8

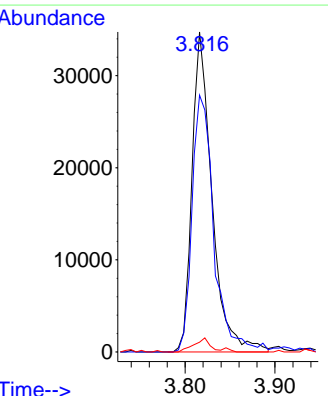
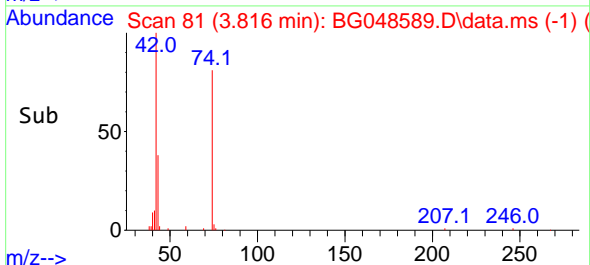
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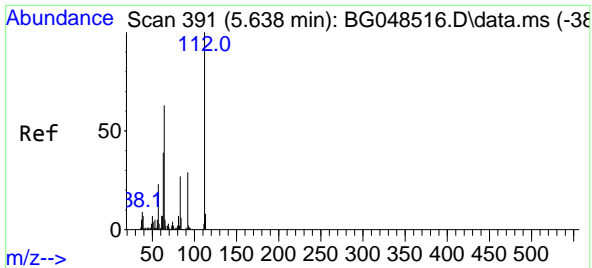


#4
 n-Nitrosodimethylamine
 Concen: 50.71 ng
 RT: 3.816 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



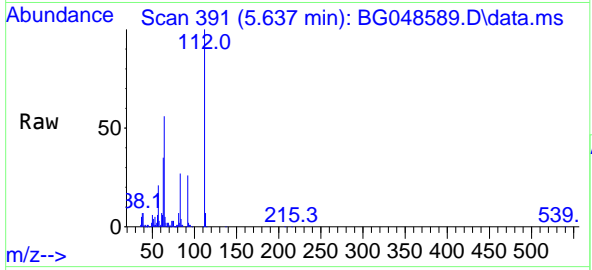
Tgt Ion: 42 Resp: 53631
 Ion Ratio Lower Upper
 42 100
 74 80.2 70.6 105.8
 44 3.0 3.5 5.3#





#5
 2-Fluorophenol
 Concen: 139.76 ng
 RT: 5.637 min Scan# 391
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

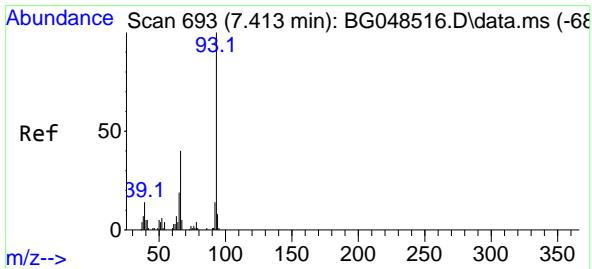
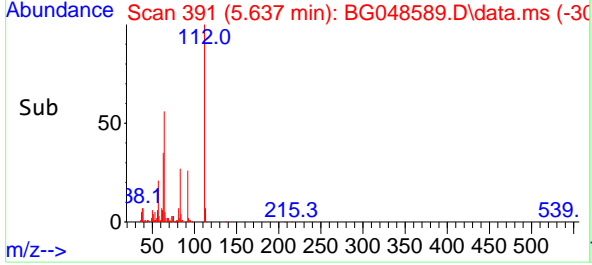
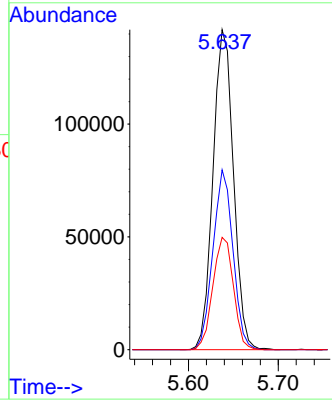
Instrument :
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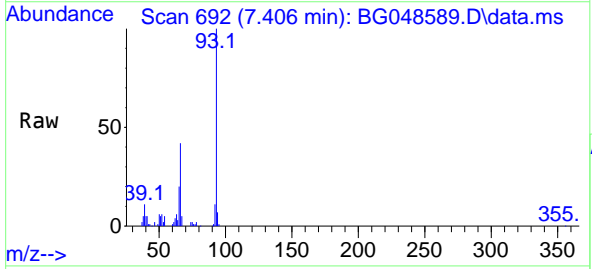
Tgt Ion:112 Resp: 224263

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100 | | |
| 64 | 56.2 | 50.4 | 75.6 |
| 63 | 35.1 | 31.4 | 47.2 |

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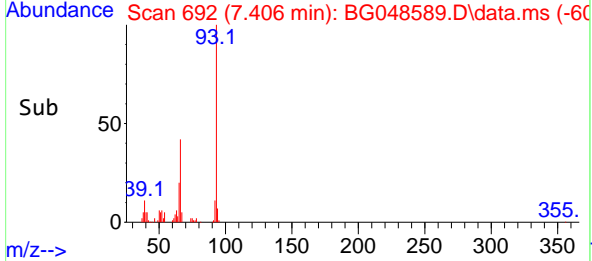
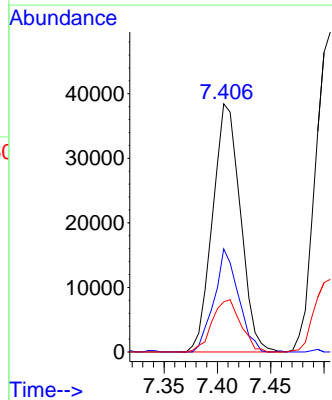


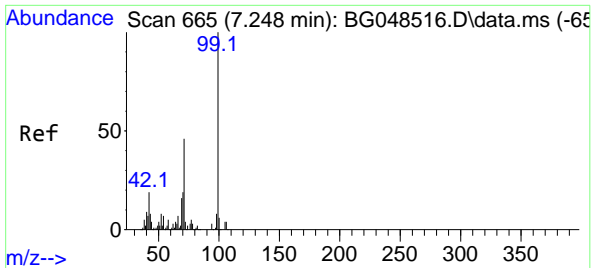
#6
 Aniline
 Concen: 26.03 ng
 RT: 7.406 min Scan# 692
 Delta R.T. -0.012 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion: 93 Resp: 69572

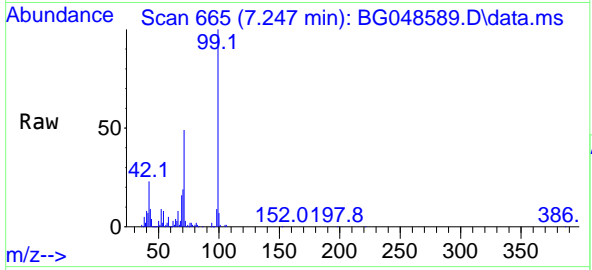
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93 | 100 | | |
| 66 | 41.5 | 31.8 | 47.6 |
| 65 | 20.2 | 15.2 | 22.8 |





#7
Phenol-d6
Concen: 126.34 ng
RT: 7.247 min Scan# 665
Delta R.T. -0.000 min
Lab File: BG048589.D
Acq: 5 Apr 2021 18:39

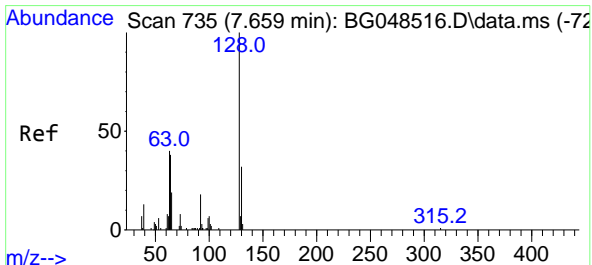
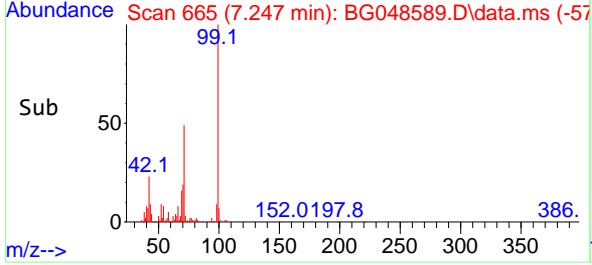
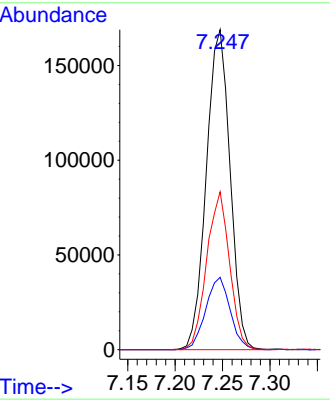
Instrument :
BNA_G
ClientSampled :
SB-5(3.0-3.5)MSD



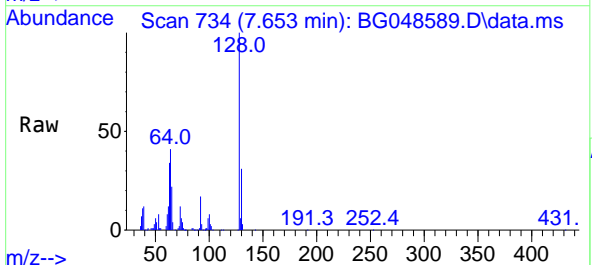
Tgt Ion: 99 Resp: 294012

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99 | 100 | | |
| 42 | 22.6 | 15.5 | 23.3 |
| 71 | 49.3 | 36.6 | 54.8 |

Manual Integrations
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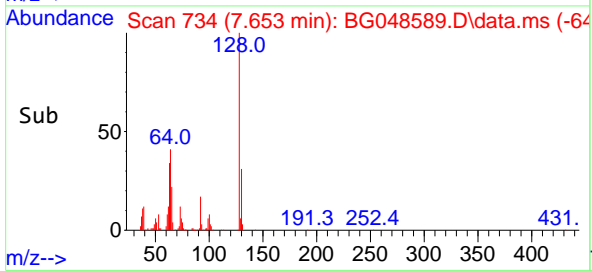
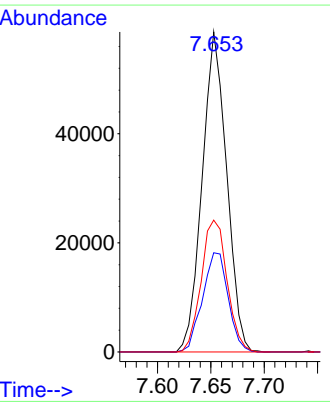


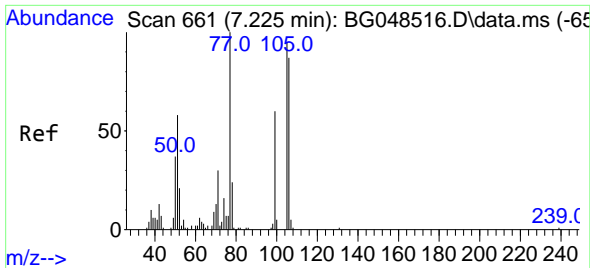
#8
2-Chlorophenol
Concen: 51.57 ng
RT: 7.653 min Scan# 734
Delta R.T. -0.006 min
Lab File: BG048589.D
Acq: 5 Apr 2021 18:39



Tgt Ion: 128 Resp: 93513

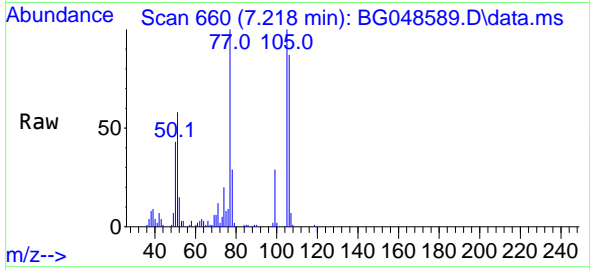
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100 | | |
| 130 | 31.0 | 12.4 | 52.4 |
| 64 | 41.2 | 27.6 | 67.6 |





#9
Benzaldehyde
Concen: 44.73 ng
RT: 7.218 min Scan# 660
Delta R.T. -0.006 min
Lab File: BG048589.D
Acq: 5 Apr 2021 18:39

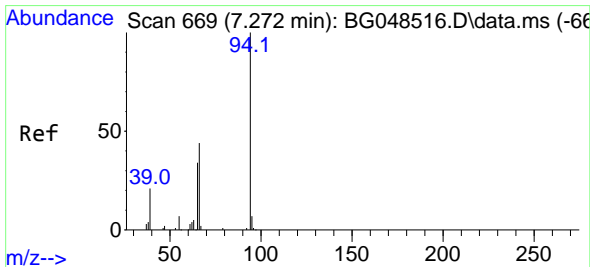
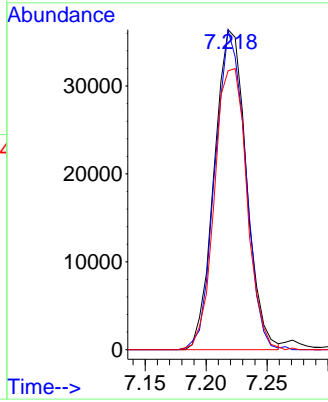
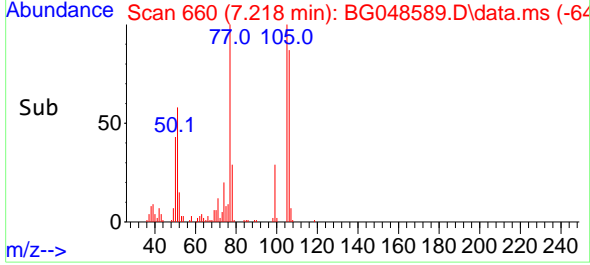
Instrument :
BNA_G
ClientSampleId :
SB-5(3.0-3.5)MSD



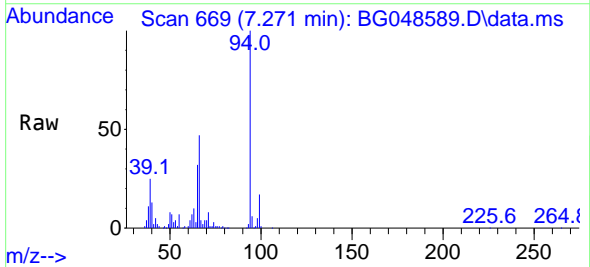
Tgt Ion: 77 Resp: 66534
Ion Ratio Lower Upper
77 100
105 99.8 75.2 115.2
106 87.1 66.5 106.5

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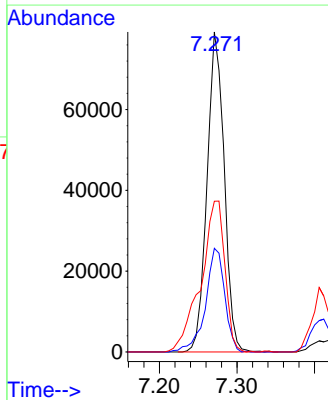
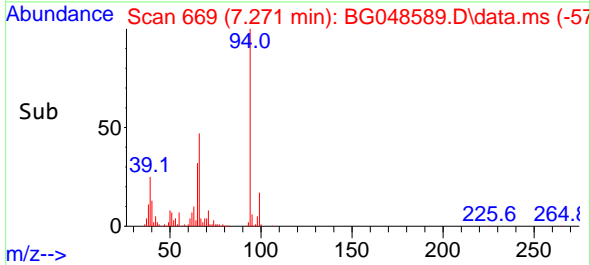
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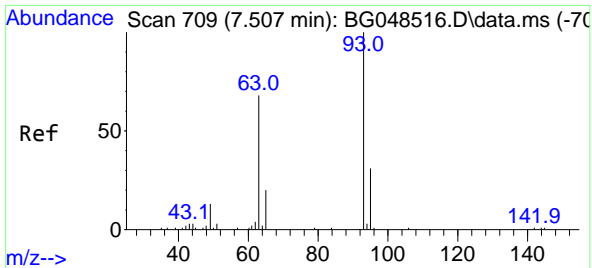


#10
Phenol
Concen: 52.23 ng
RT: 7.271 min Scan# 669
Delta R.T. -0.000 min
Lab File: BG048589.D
Acq: 5 Apr 2021 18:39



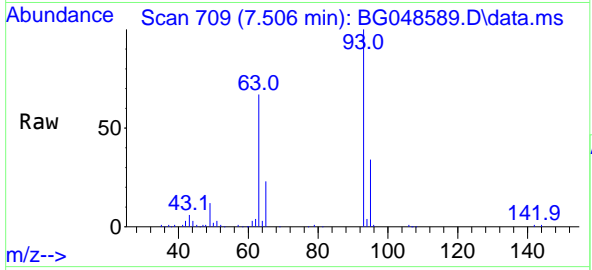
Tgt Ion: 94 Resp: 121700
Ion Ratio Lower Upper
94 100
65 32.4 15.1 55.1
66 47.1 28.9 68.9





#11
 bis(2-Chloroethyl)ether
 Concen: 46.88 ng
 RT: 7.506 min Scan# 709
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

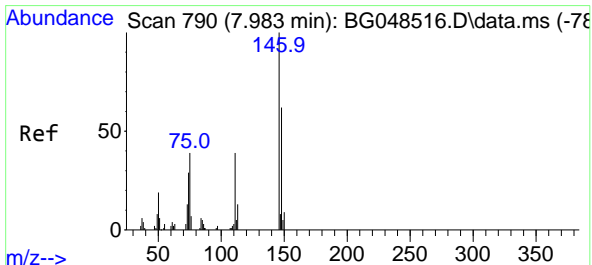
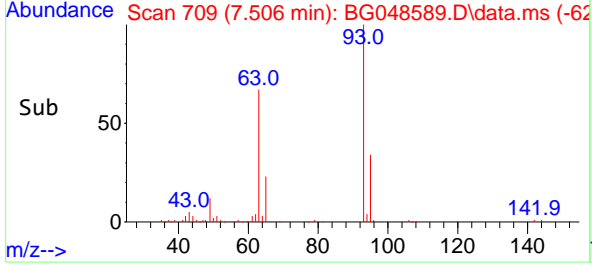
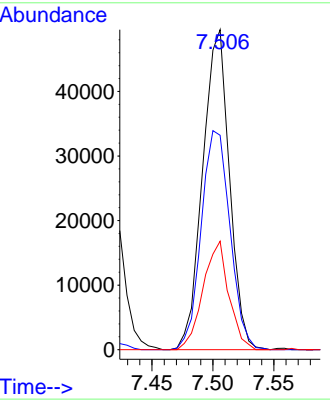
Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD



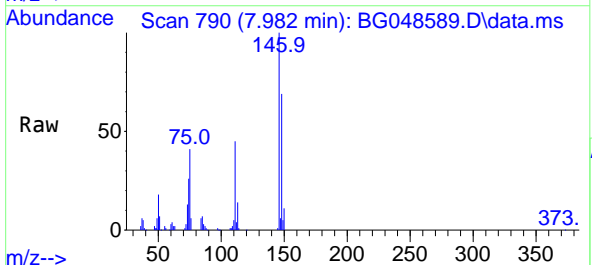
Tgt Ion: 93 Resp: 75783

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93 | 100 | | |
| 63 | 67.0 | 47.5 | 87.5 |
| 95 | 33.9 | 11.1 | 51.1 |

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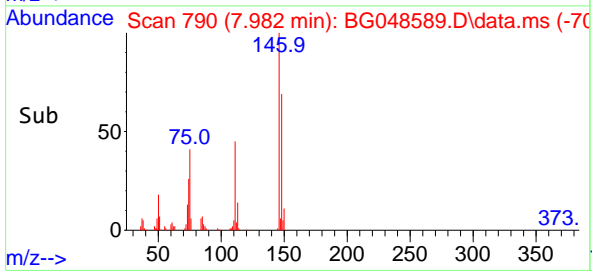
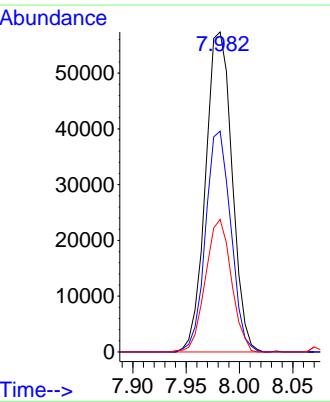


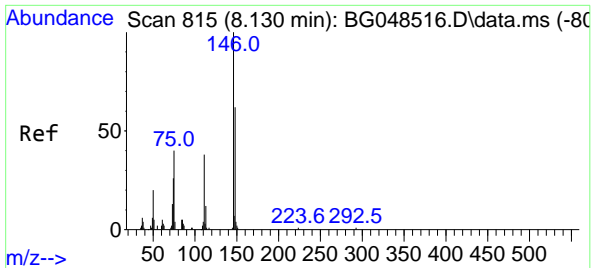
#12
 1,3-Dichlorobenzene
 Concen: 48.54 ng
 RT: 7.982 min Scan# 790
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion: 146 Resp: 99159

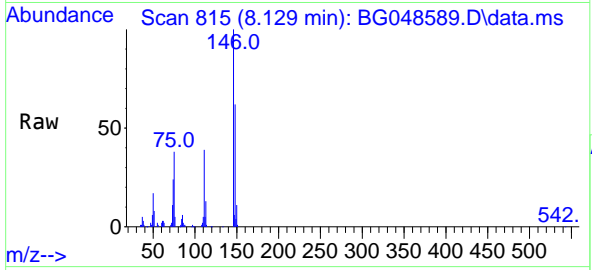
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100 | | |
| 148 | 69.0 | 49.7 | 74.5 |
| 75 | 41.4 | 30.9 | 46.3 |





#13
 1,4-Dichlorobenzene
 Concen: 49.18 ng
 RT: 8.129 min Scan# 815
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

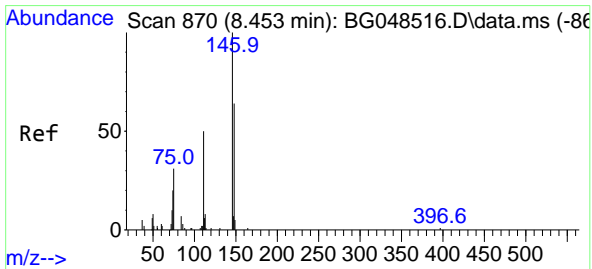
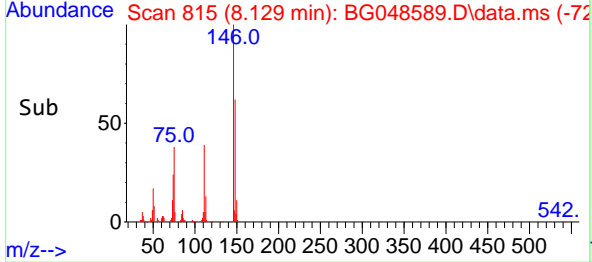
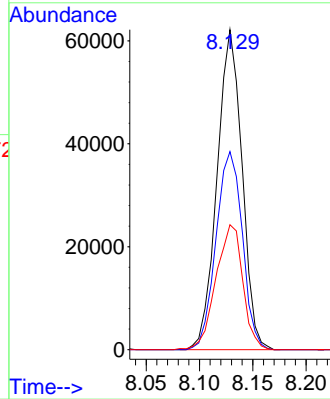
Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD



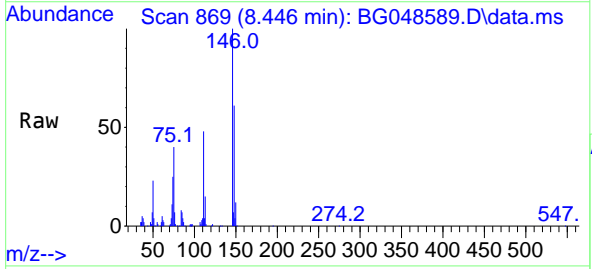
Tgt Ion:146 Resp: 101299

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100 | | |
| 148 | 61.9 | 49.7 | 74.5 |
| 111 | 39.1 | 30.5 | 45.7 |

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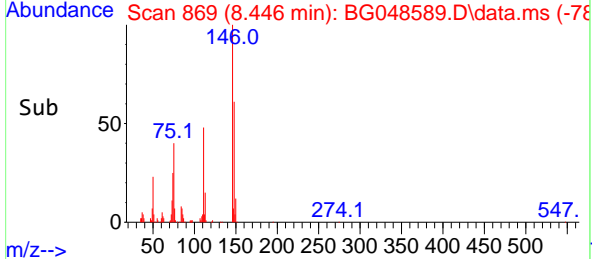
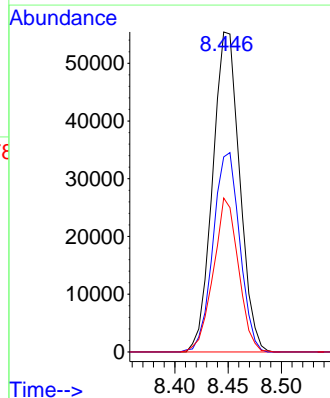


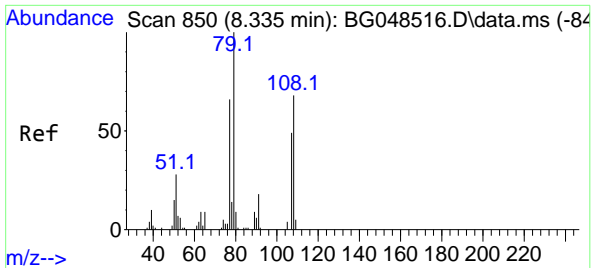
#14
 1,2-Dichlorobenzene
 Concen: 49.47 ng
 RT: 8.446 min Scan# 869
 Delta R.T. -0.012 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion:146 Resp: 97576

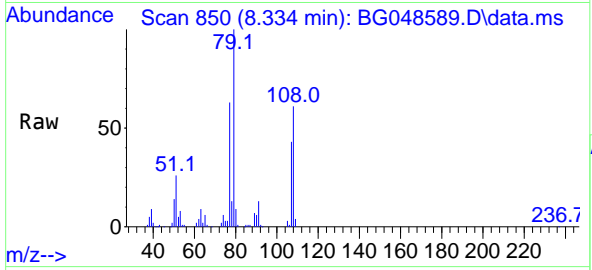
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100 | | |
| 148 | 61.0 | 51.5 | 77.3 |
| 111 | 48.1 | 41.8 | 62.8 |





#15
Benzyl Alcohol
Concen: 49.62 ng
RT: 8.334 min Scan# 850
Delta R.T. -0.000 min
Lab File: BG048589.D
Acq: 5 Apr 2021 18:39

Instrument :
BNA_G
ClientSampleId :
SB-5(3.0-3.5)MSD

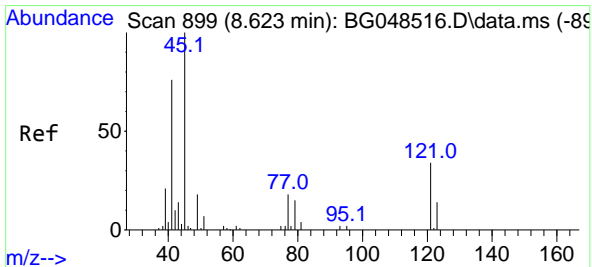
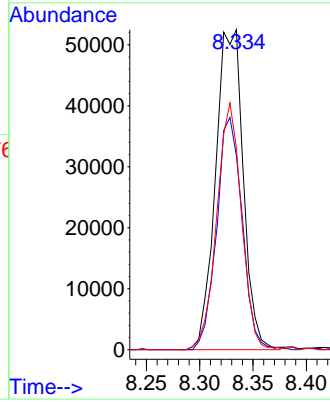
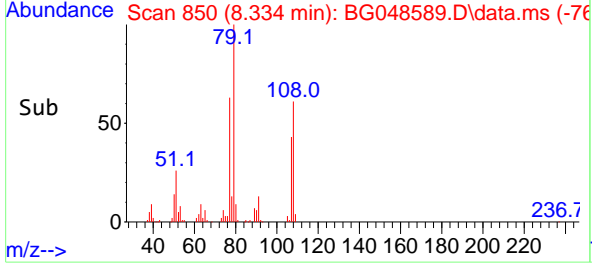


Tgt Ion: 79 Resp: 94585

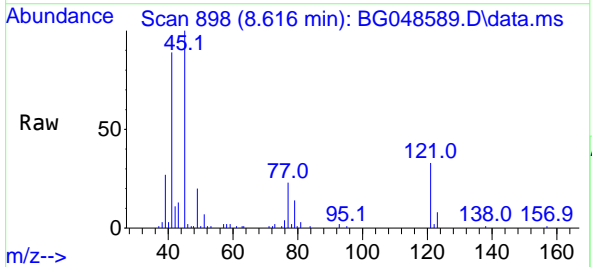
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79 | 100 | | |
| 108 | 60.7 | 54.1 | 81.1 |
| 77 | 63.2 | 52.6 | 79.0 |

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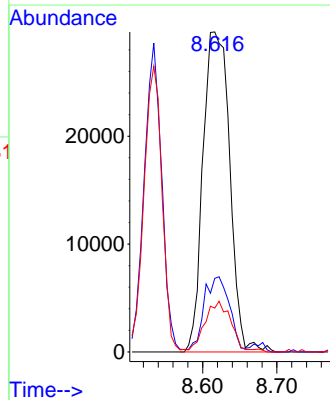
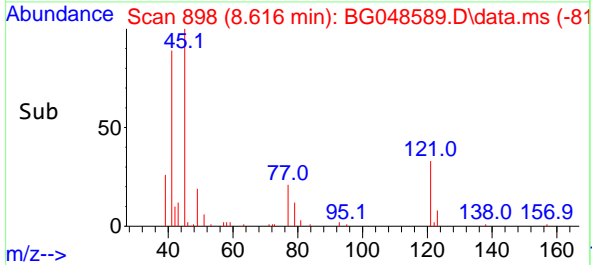


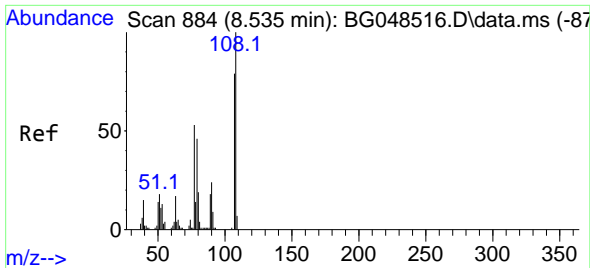
#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.80 ng
RT: 8.616 min Scan# 898
Delta R.T. -0.012 min
Lab File: BG048589.D
Acq: 5 Apr 2021 18:39



Tgt Ion: 45 Resp: 74549

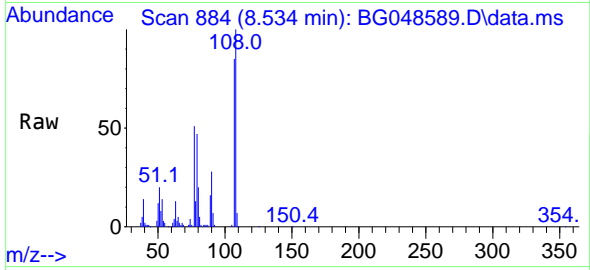
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45 | 100 | | |
| 77 | 23.0 | 0.0 | 38.4 |
| 79 | 13.7 | 0.0 | 34.5 |





#17
 2-Methylphenol
 Concen: 52.33 ng
 RT: 8.534 min Scan# 884
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

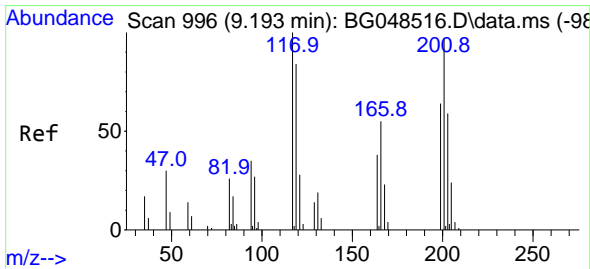
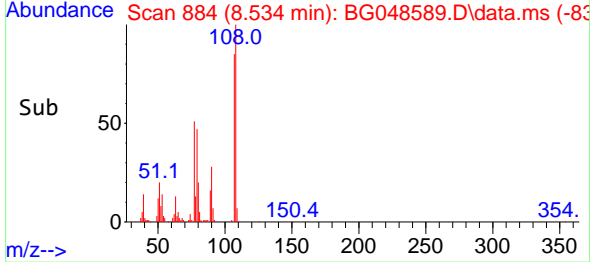
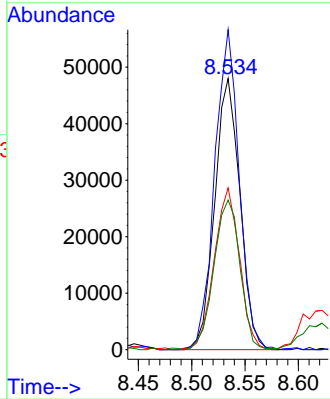
Instrument :
 BNA_G
 ClientSampled :
 SB-5(3.0-3.5)MSD



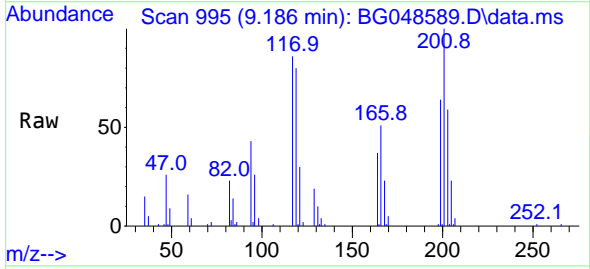
Tgt Ion:107 Resp: 78892

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100 | | |
| 108 | 118.0 | 101.7 | 152.5 |
| 77 | 59.7 | 54.4 | 81.6 |
| 79 | 55.2 | 46.8 | 70.2 |

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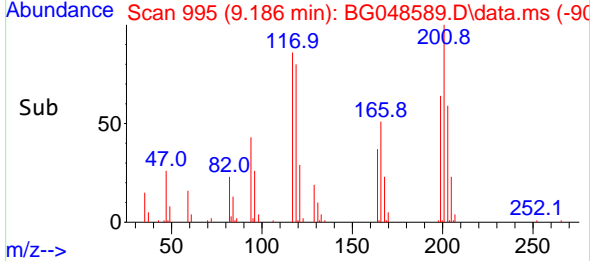
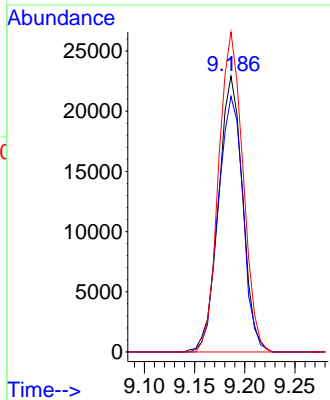


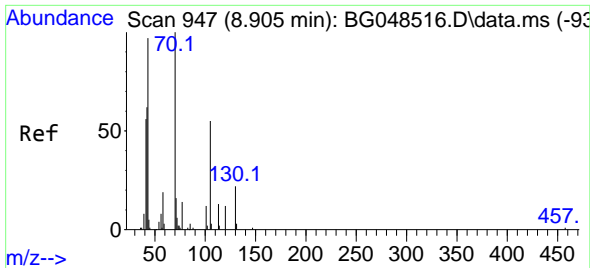
#18
 Hexachloroethane
 Concen: 50.00 ng
 RT: 9.186 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion:117 Resp: 38271

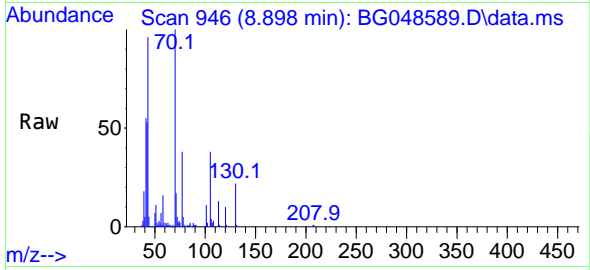
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100 | | |
| 119 | 92.7 | 67.0 | 100.6 |
| 201 | 116.1 | 79.8 | 119.6 |





#19
n-Nitroso-di-n-propylamine
Concen: 44.13 ng
RT: 8.898 min Scan# 946
Delta R.T. -0.006 min
Lab File: BG048589.D
Acq: 5 Apr 2021 18:39

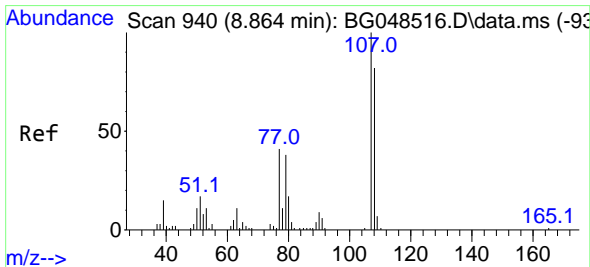
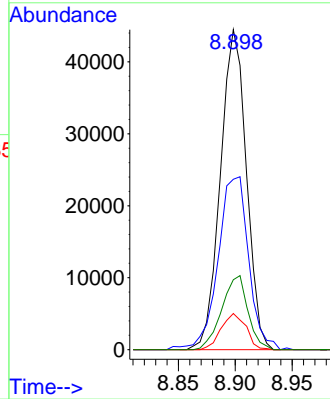
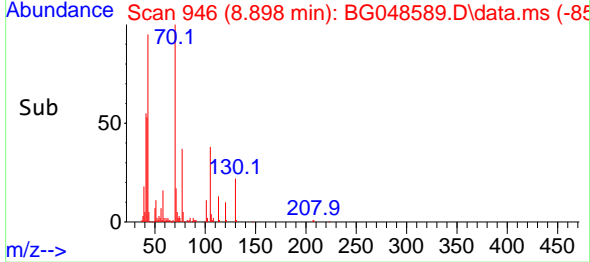
Instrument :
BNA_G
ClientSampleId :
SB-5(3.0-3.5)MSD



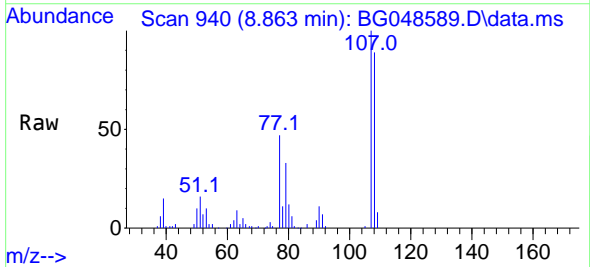
Tgt Ion: 70 Resp: 70790
Ion Ratio Lower Upper
70 100
42 53.2 50.8 76.2
101 11.3 9.7 14.5
130 21.9 17.4 26.0

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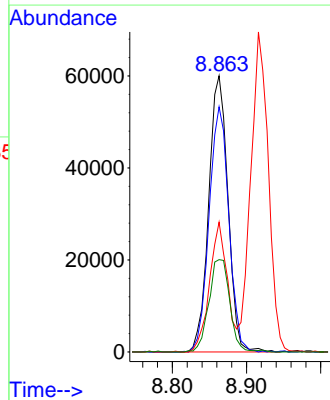
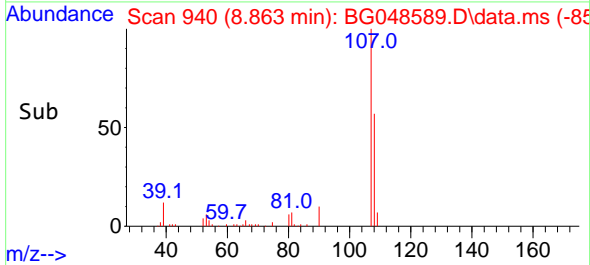
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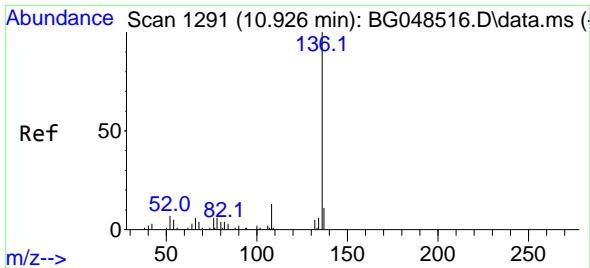


#20
3+4-Methylphenols
Concen: 51.78 ng
RT: 8.863 min Scan# 940
Delta R.T. -0.000 min
Lab File: BG048589.D
Acq: 5 Apr 2021 18:39



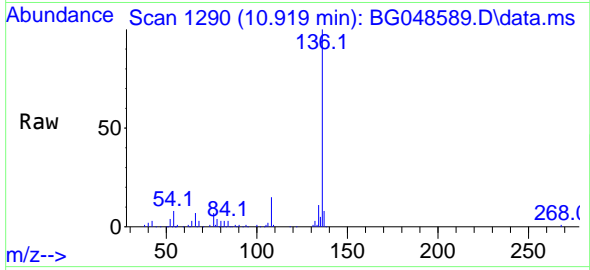
Tgt Ion: 107 Resp: 108348
Ion Ratio Lower Upper
107 100
108 88.8 62.3 102.3
77 47.0 21.3 61.3
79 33.4 18.1 58.1





#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.919 min Scan# 1290
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

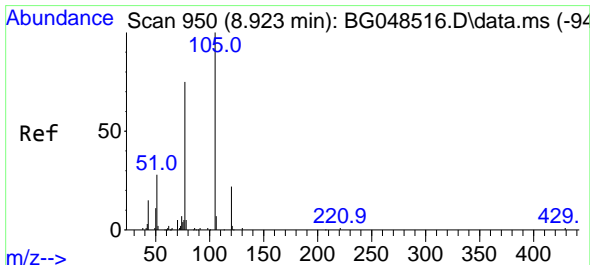
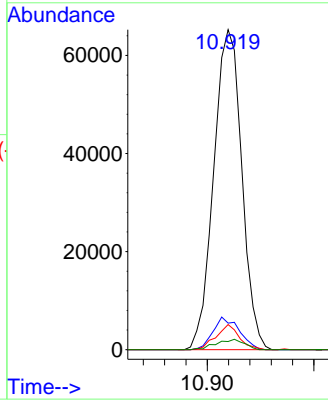
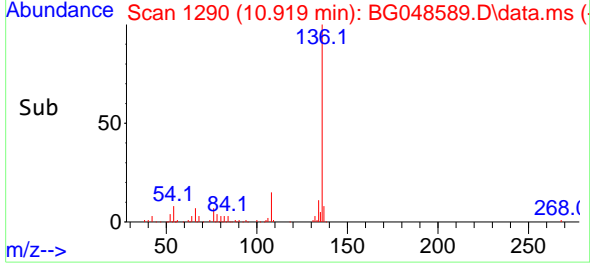
Instrument :
 BNA_G
ClientSampleId :
 SB-5(3.0-3.5)MSD



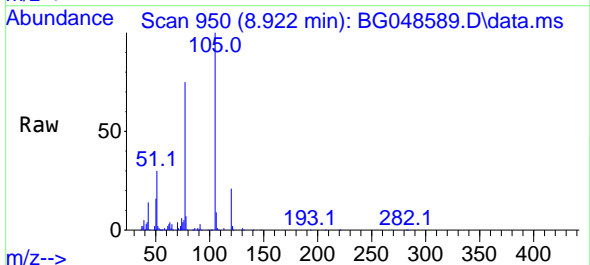
Tgt Ion:136 Resp: 119258

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100 | | |
| 137 | 8.3 | 8.6 | 12.8# |
| 54 | 7.9 | 4.2 | 6.4# |
| 68 | 2.6 | 3.0 | 4.4# |

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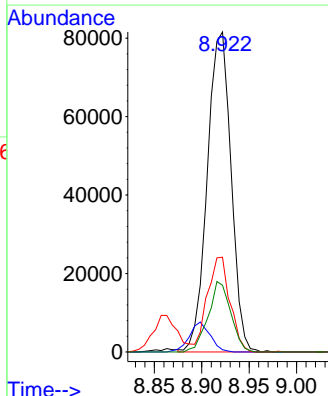
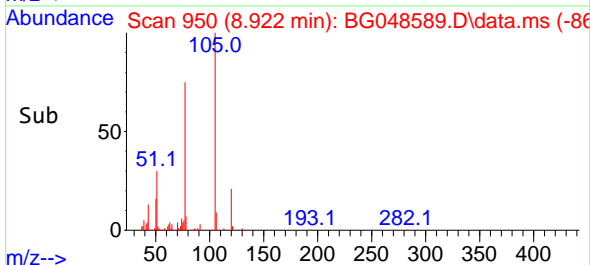


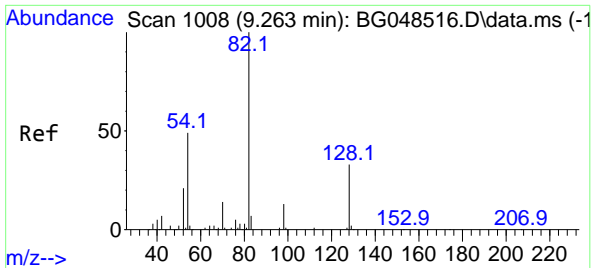
#22
 Acetophenone
 Concen: 46.38 ng
 RT: 8.922 min Scan# 950
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion:105 Resp: 142607

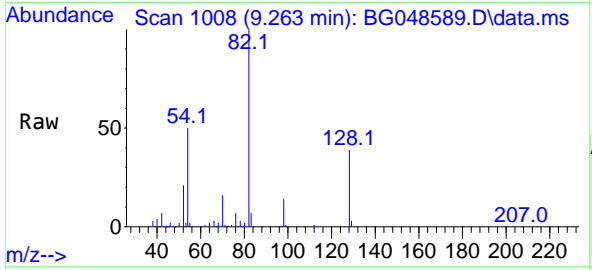
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100 | | |
| 71 | 0.7 | 1.1 | 1.7# |
| 51 | 29.6 | 26.1 | 39.1 |
| 120 | 20.9 | 17.5 | 26.3 |





#23
 Nitrobenzene-d5
 Concen: 81.41 ng
 RT: 9.263 min Scan# 1008
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

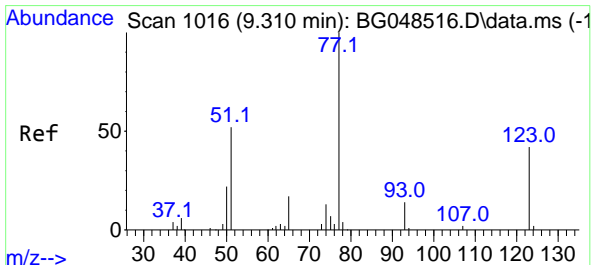
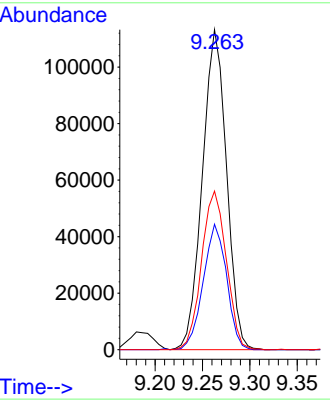
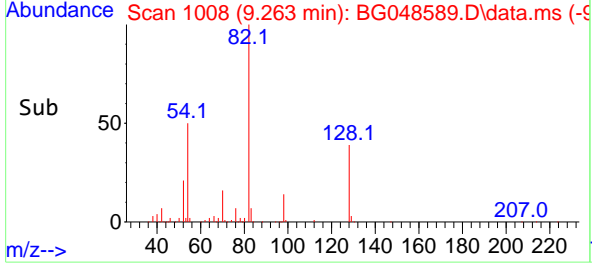
Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD



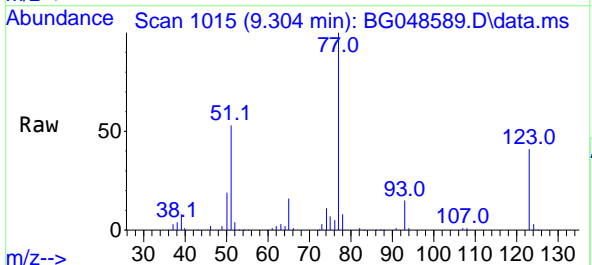
Tgt Ion: 82 Resp: 200530

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82 | 100 | | |
| 128 | 39.2 | 26.2 | 39.4 |
| 54 | 49.6 | 38.9 | 58.3 |

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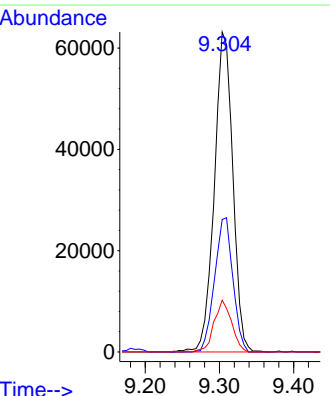
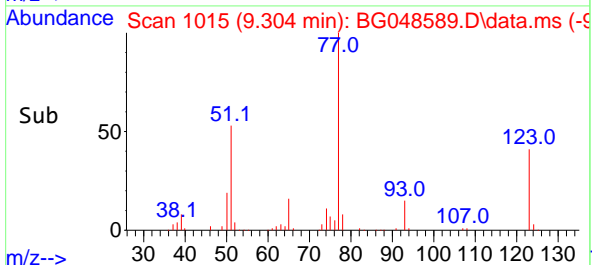


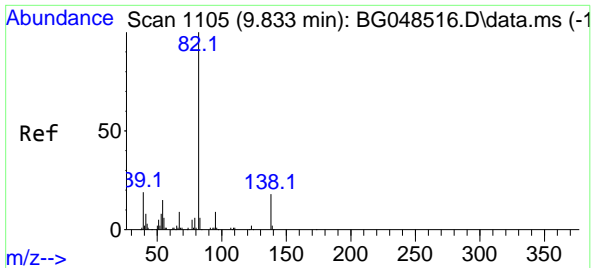
#24
 Nitrobenzene
 Concen: 45.14 ng
 RT: 9.304 min Scan# 1015
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion: 77 Resp: 109110

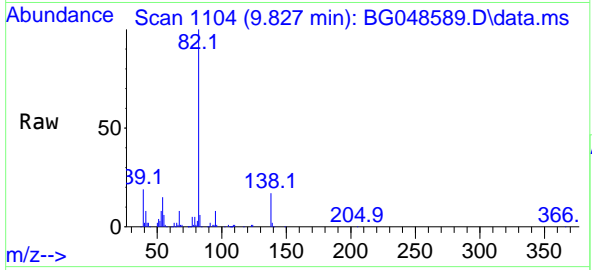
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77 | 100 | | |
| 123 | 41.4 | 33.4 | 50.2 |
| 65 | 16.2 | 13.3 | 19.9 |





#25
 Isophorone
 Concen: 43.60 ng
 RT: 9.827 min Scan# 1104
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

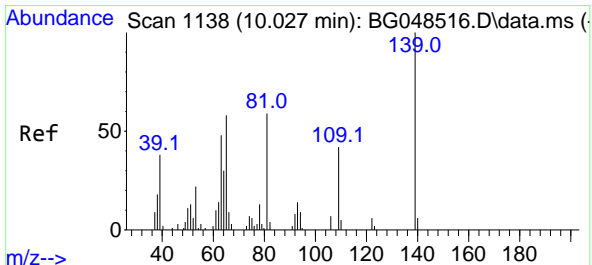
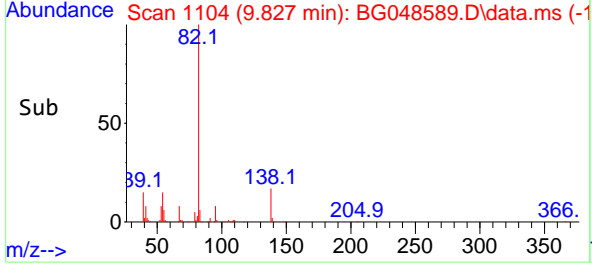
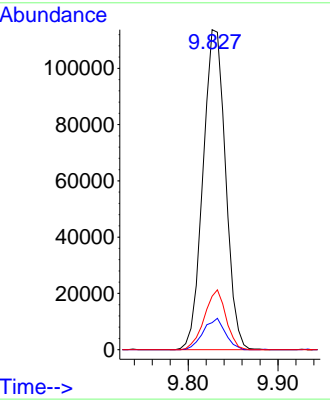
Instrument :
 BNA_G
ClientSampleId :
 SB-5(3.0-3.5)MSD



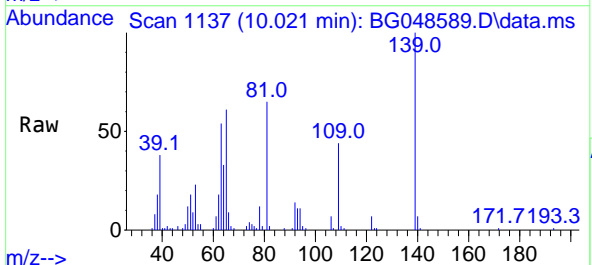
Tgt Ion: 82 Resp: 198330

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82 | 100 | | |
| 95 | 8.4 | 7.1 | 10.7 |
| 138 | 16.7 | 14.8 | 22.2 |

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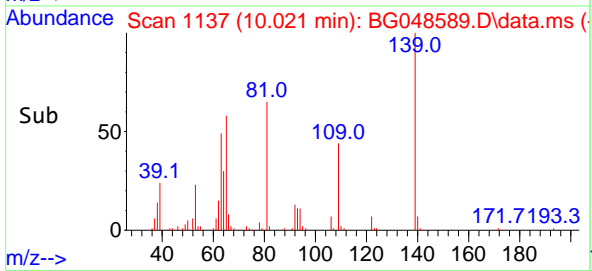
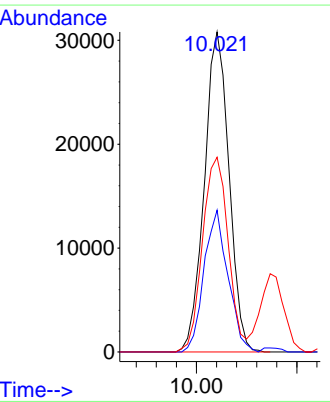


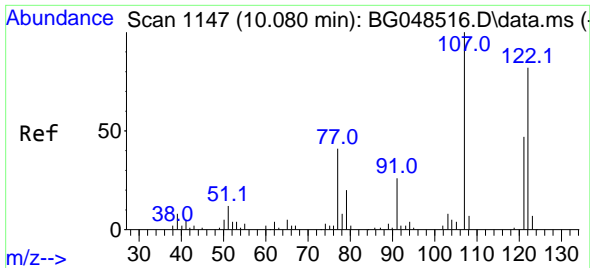
#26
 2-Nitrophenol
 Concen: 47.33 ng
 RT: 10.021 min Scan# 1137
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion: 139 Resp: 52574

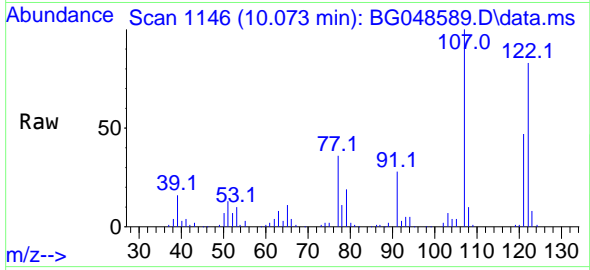
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100 | | |
| 109 | 44.3 | 33.7 | 50.5 |
| 65 | 60.8 | 46.8 | 70.2 |





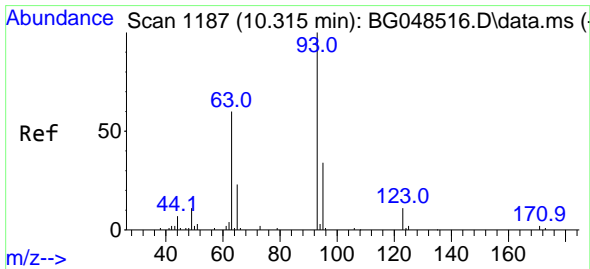
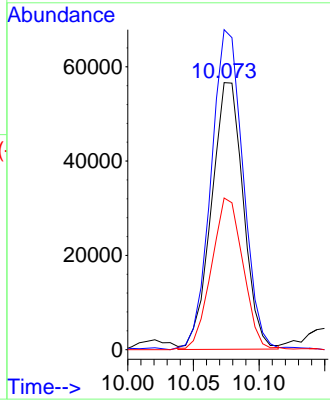
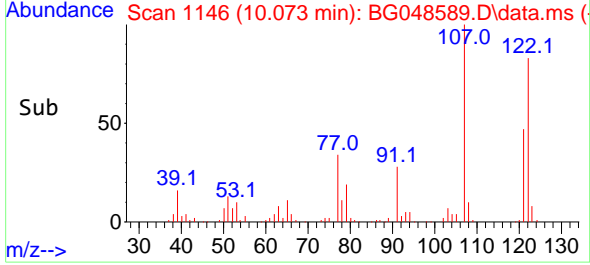
#27
 2,4-Dimethylphenol
 Concen: 54.52 ng
 RT: 10.073 min Scan# 1146
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD

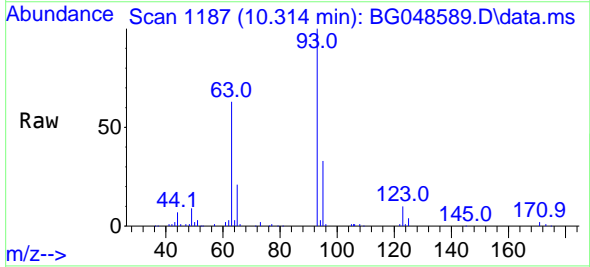


Tgt Ion:122 Resp: 95283
 Ion Ratio Lower Upper
 122 100
 107 119.9 96.6 145.0
 121 56.8 45.3 67.9

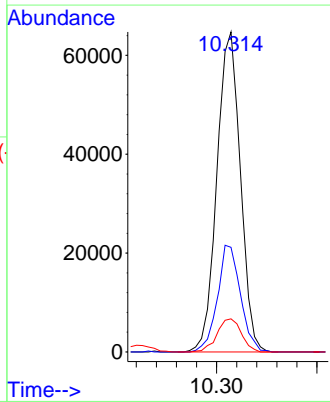
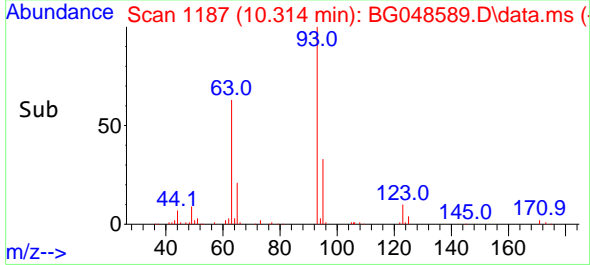
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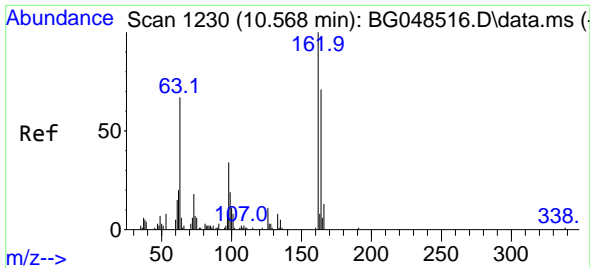


#28
 bis(2-Chloroethoxy)methane
 Concen: 50.33 ng
 RT: 10.314 min Scan# 1187
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



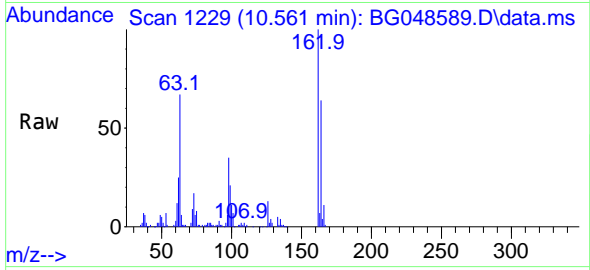
Tgt Ion: 93 Resp: 104934
 Ion Ratio Lower Upper
 93 100
 95 32.7 27.0 40.6
 123 10.3 9.0 13.6





#29
 2,4-Dichlorophenol
 Concen: 48.46 ng
 RT: 10.561 min Scan# 1229
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

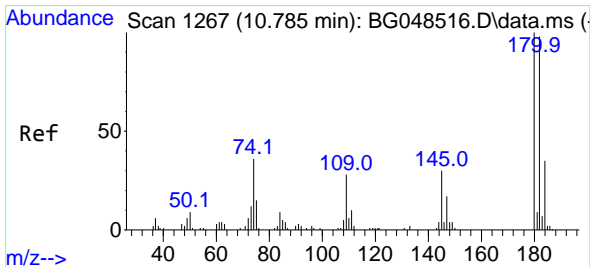
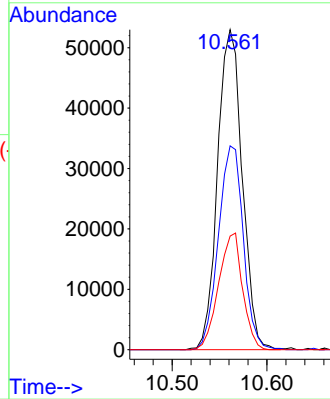
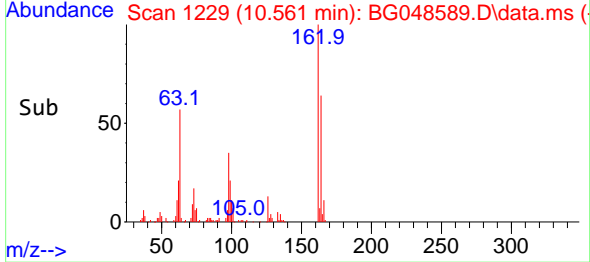
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



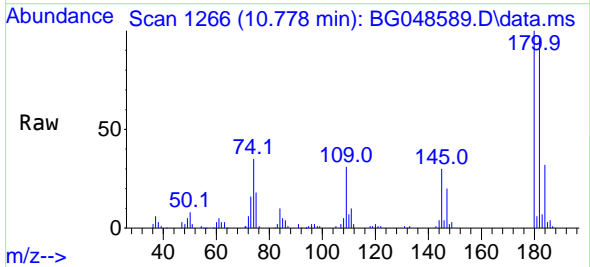
Tgt Ion:162 Resp: 95894
 Ion Ratio Lower Upper
 162 100
 164 63.7 51.2 91.2
 98 35.5 13.6 53.6

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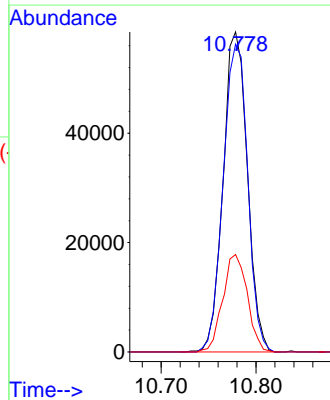
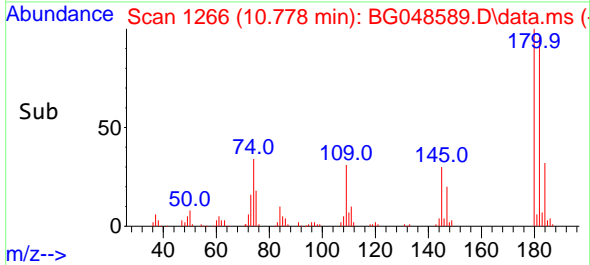
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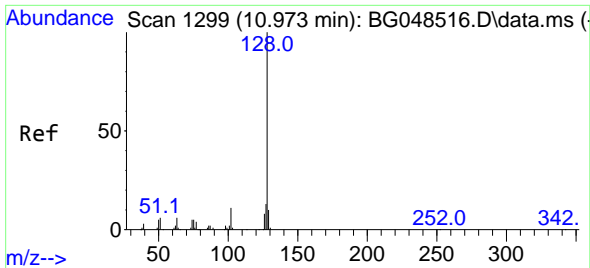


#30
 1,2,4-Trichlorobenzene
 Concen: 45.66 ng
 RT: 10.778 min Scan# 1266
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



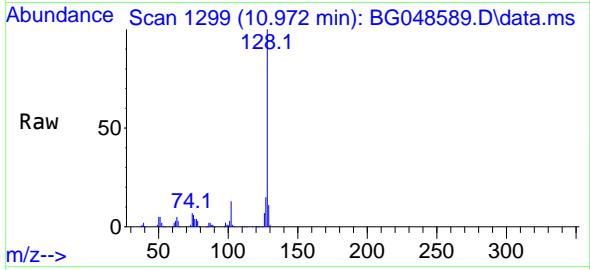
Tgt Ion:180 Resp: 103827
 Ion Ratio Lower Upper
 180 100
 182 96.2 78.8 118.2
 145 30.4 24.0 36.0





#31
 Naphthalene
 Concen: 44.70 ng
 RT: 10.972 min Scan# 1299
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

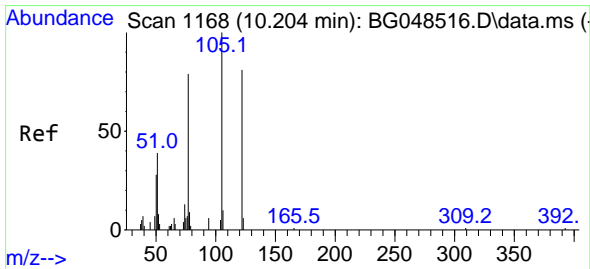
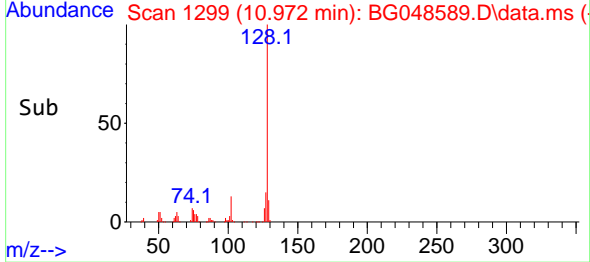
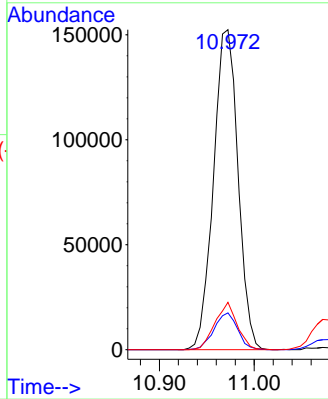
Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD



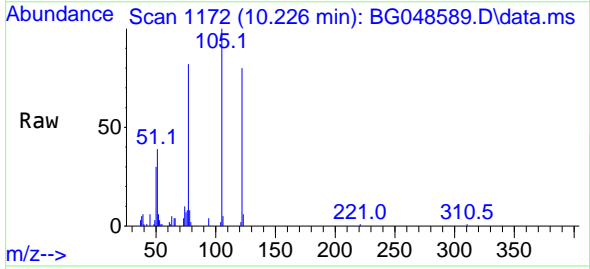
Tgt Ion:128 Resp: 274121

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100 | | |
| 129 | 11.5 | 8.2 | 12.2 |
| 127 | 14.8 | 10.6 | 16.0 |

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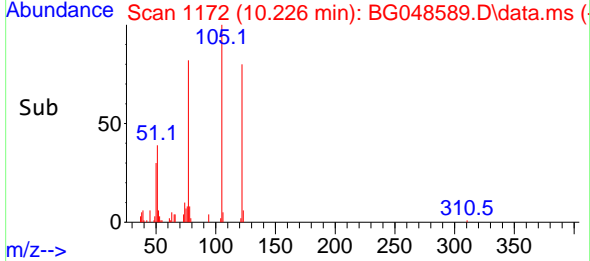
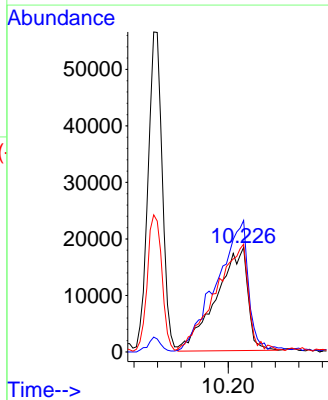


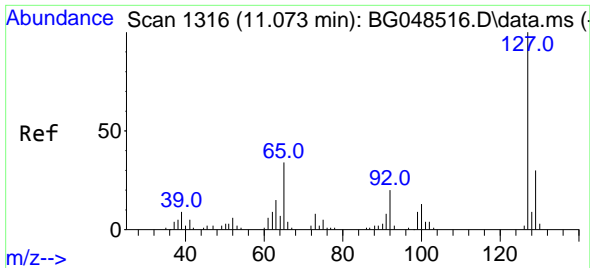
#32
 Benzoic acid
 Concen: 50.69 ng
 RT: 10.226 min Scan# 1172
 Delta R.T. 0.011 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion:122 Resp: 68158

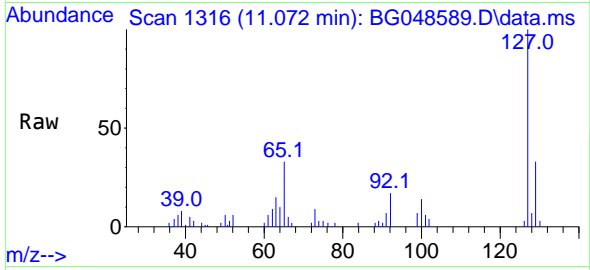
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100 | | |
| 105 | 125.7 | 97.1 | 137.1 |
| 77 | 103.2 | 76.8 | 116.8 |





#33
 4-Chloroaniline
 Concen: 10.36 ng
 RT: 11.072 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

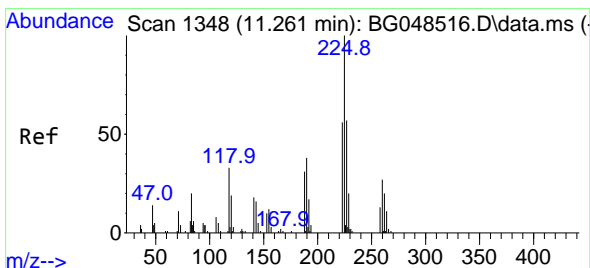
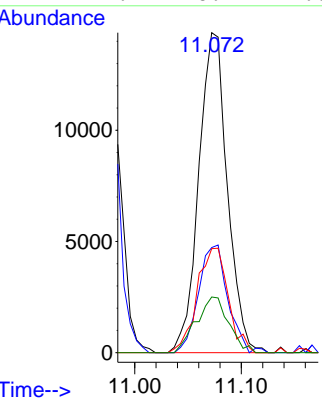
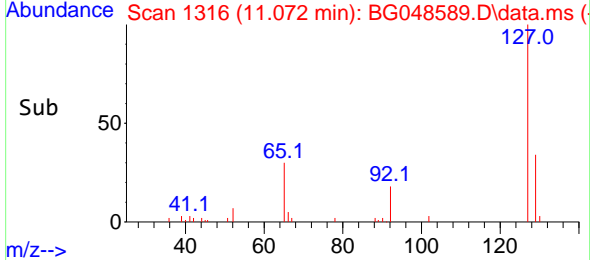
Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD



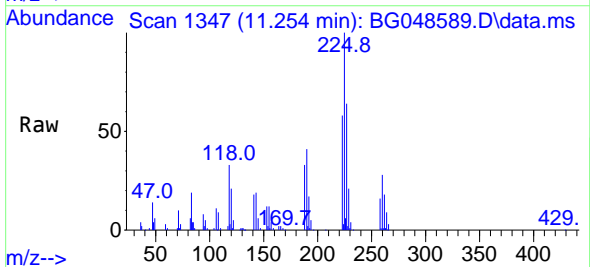
Tgt Ion:127 Resp: 26817

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100 | | |
| 129 | 32.9 | 24.3 | 36.5 |
| 65 | 32.5 | 27.0 | 40.4 |
| 92 | 17.4 | 16.4 | 24.6 |

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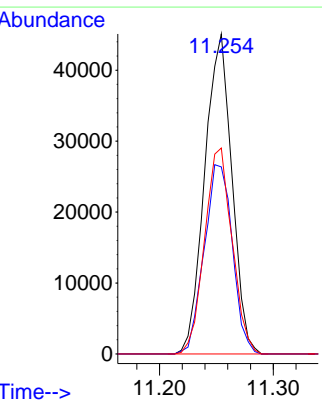
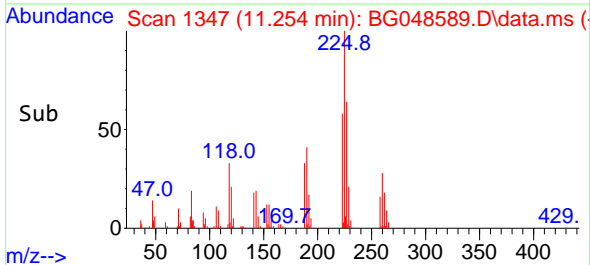


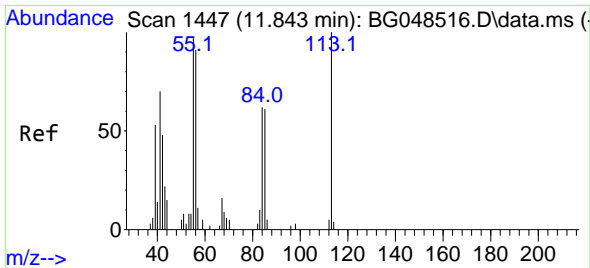
#34
 Hexachlorobutadiene
 Concen: 45.09 ng
 RT: 11.254 min Scan# 1347
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion:225 Resp: 74879

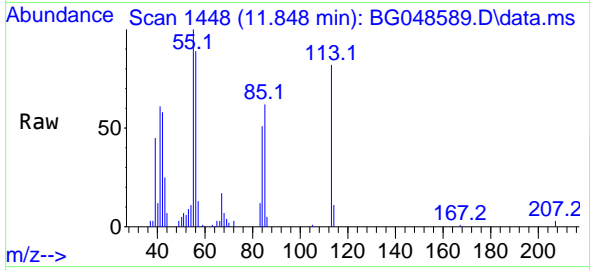
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100 | | |
| 223 | 58.5 | 44.8 | 67.2 |
| 227 | 64.4 | 45.4 | 68.0 |





#35
 Caprolactam
 Concen: 46.69 ng m
 RT: 11.848 min Scan# 1448
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

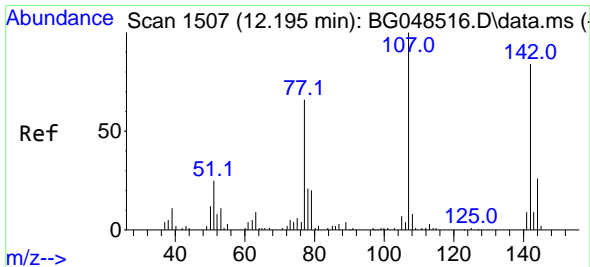
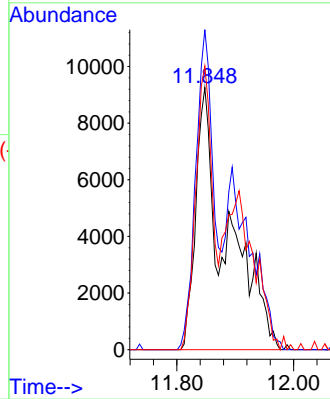
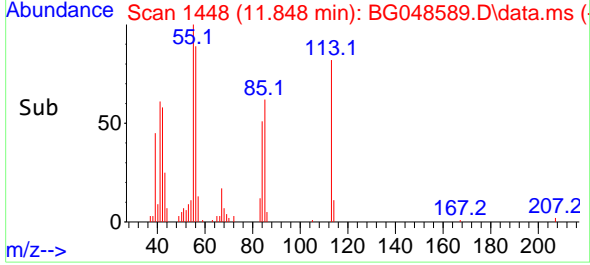
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



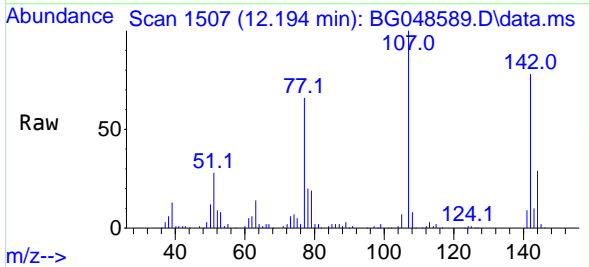
Tgt Ion:113 Resp: 33708
 Ion Ratio Lower Upper
 113 100
 55 122.1 76.8 116.8#
 56 108.3 71.1 111.1

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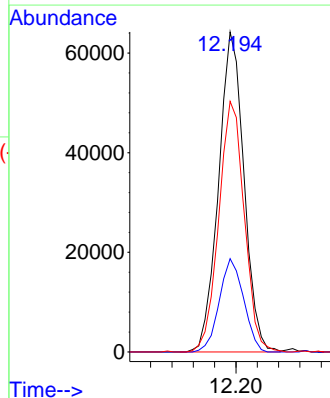
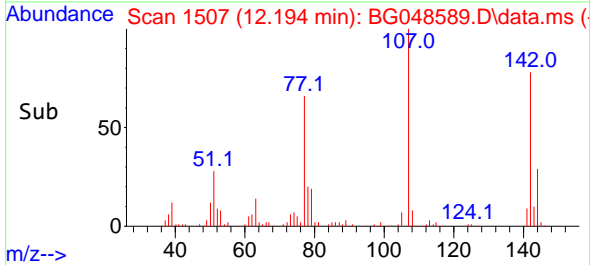
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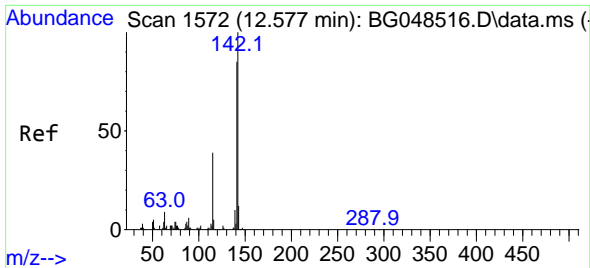


#36
 4-Chloro-3-methylphenol
 Concen: 47.72 ng
 RT: 12.194 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



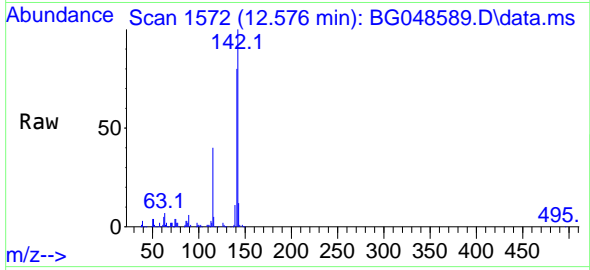
Tgt Ion:107 Resp: 106048
 Ion Ratio Lower Upper
 107 100
 144 29.1 20.6 31.0
 142 78.3 67.0 100.6





#37
 2-Methylnaphthalene
 Concen: 44.46 ng
 RT: 12.576 min Scan# 1572
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

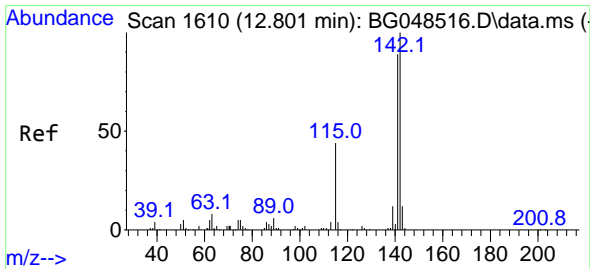
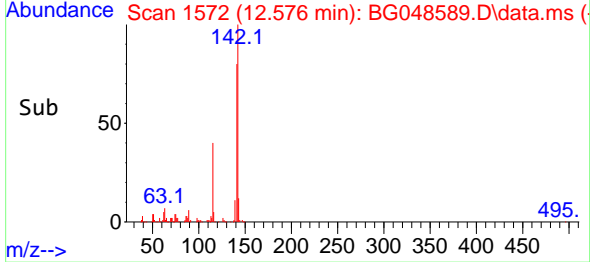
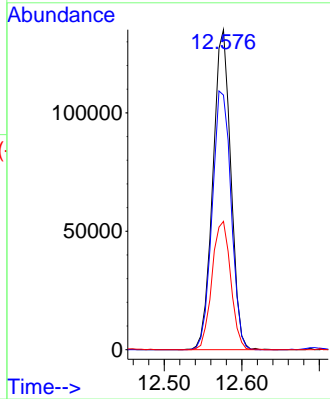
Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD



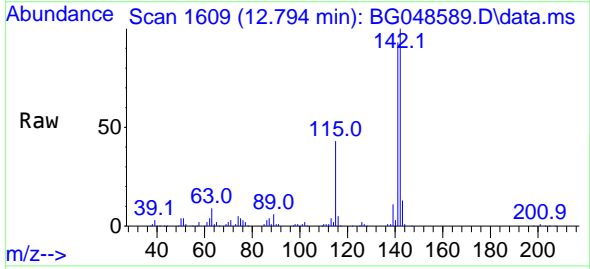
Tgt Ion:142 Resp: 217025

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100 | | |
| 141 | 79.5 | 68.2 | 102.4 |
| 115 | 40.1 | 30.8 | 46.2 |

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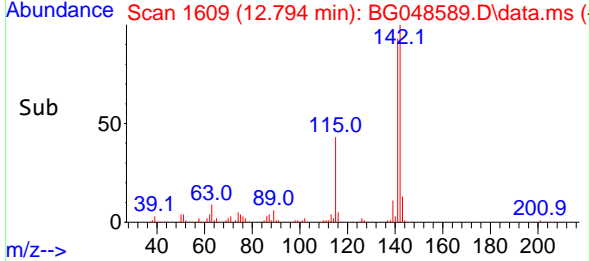
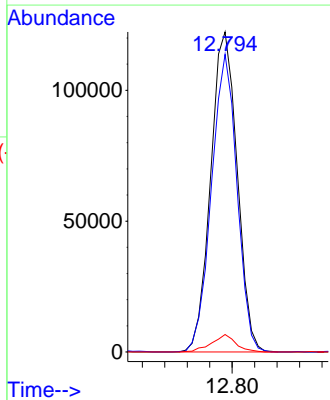


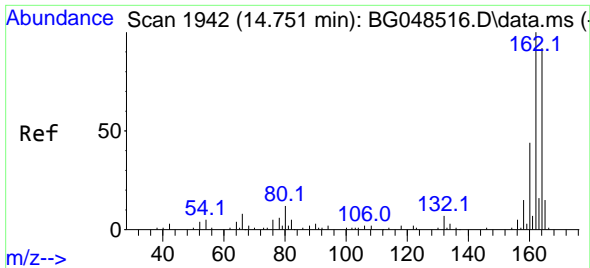
#38
 1-Methylnaphthalene
 Concen: 43.06 ng m
 RT: 12.794 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion:142 Resp: 200485

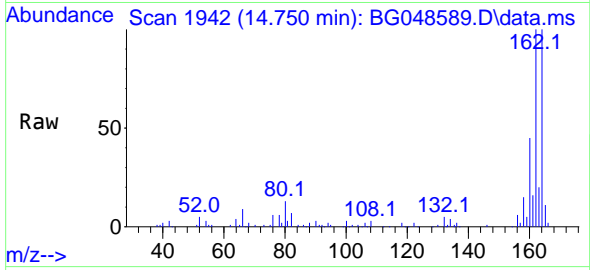
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100 | | |
| 141 | 93.0 | 71.2 | 106.8 |
| 116 | 5.4 | 3.4 | 5.0# |





#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.750 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

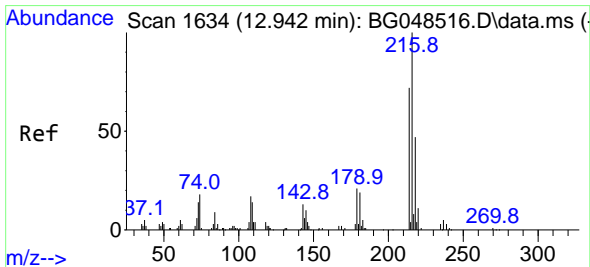
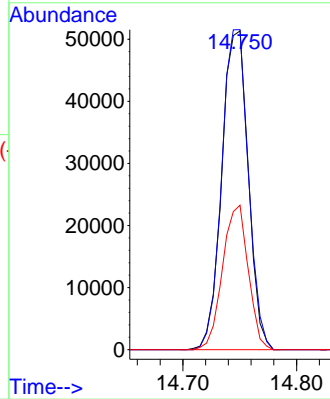
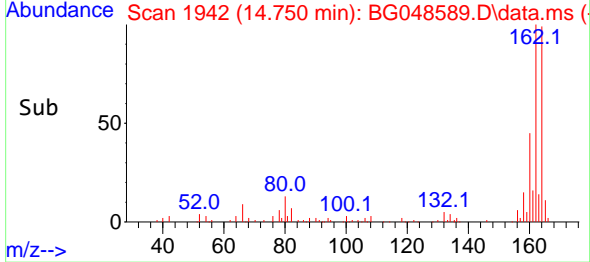
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



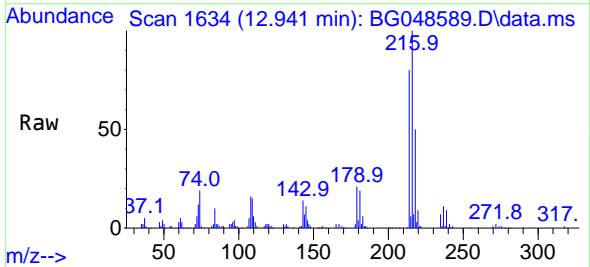
Tgt Ion:164 Resp: 82811
 Ion Ratio Lower Upper
 164 100
 162 100.4 87.0 130.6
 160 45.3 38.4 57.6

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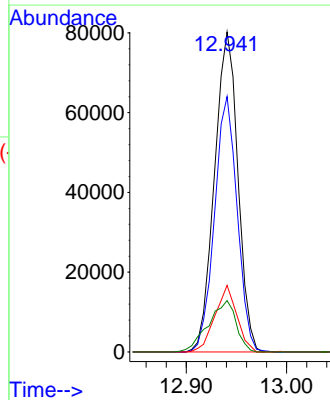
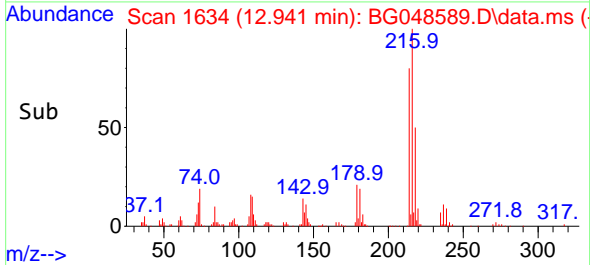
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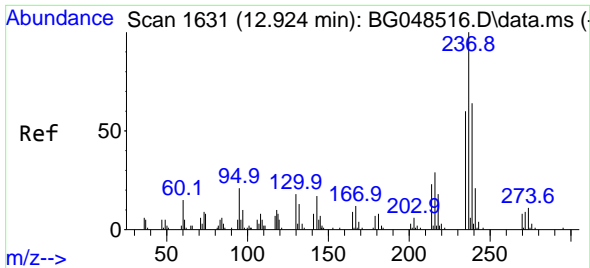


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.57 ng
 RT: 12.941 min Scan# 1634
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



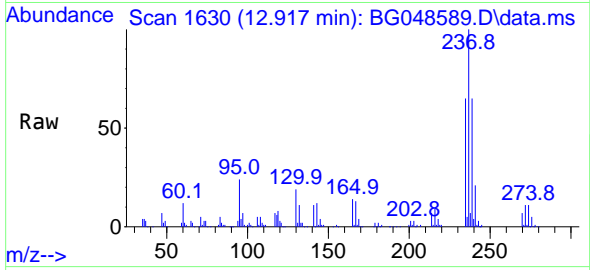
Tgt Ion:216 Resp: 129826
 Ion Ratio Lower Upper
 216 100
 214 77.2 61.1 91.7
 179 19.5 17.3 25.9
 108 19.0 15.2 22.8





#41
 Hexachlorocyclopentadiene
 Concen: 113.69 ng
 RT: 12.917 min Scan# 1630
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

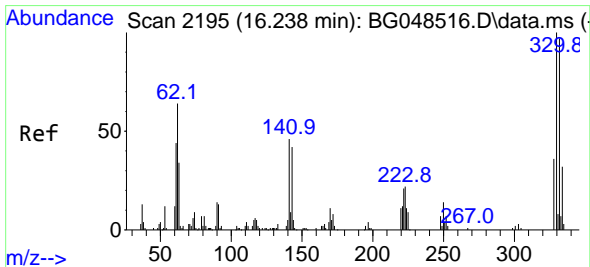
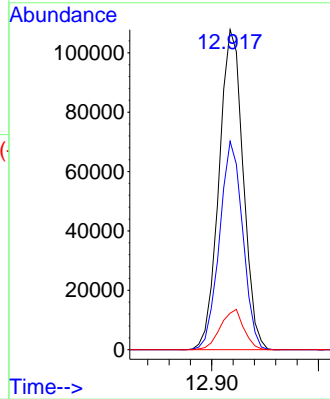
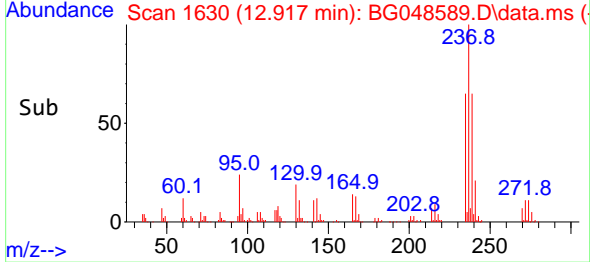
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



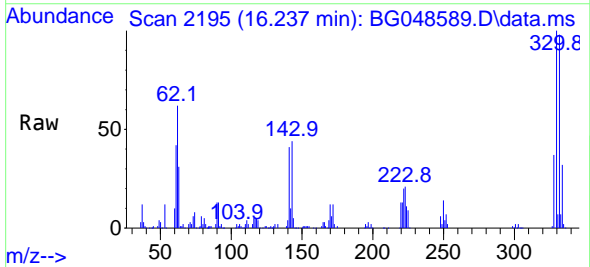
Tgt Ion:237 Resp: 169077
 Ion Ratio Lower Upper
 237 100
 235 65.1 39.7 79.7
 272 11.4 0.0 28.8

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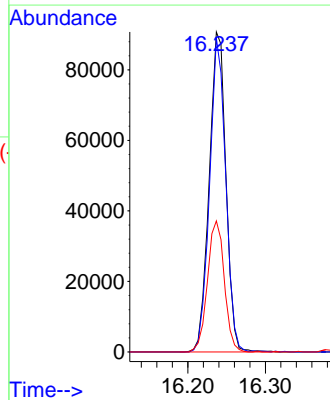
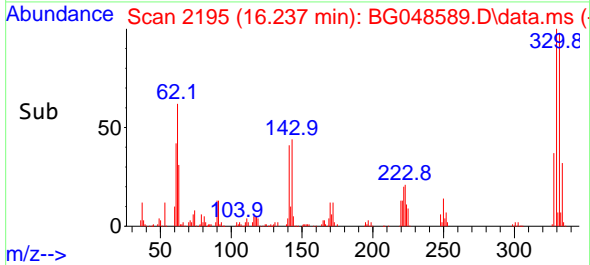
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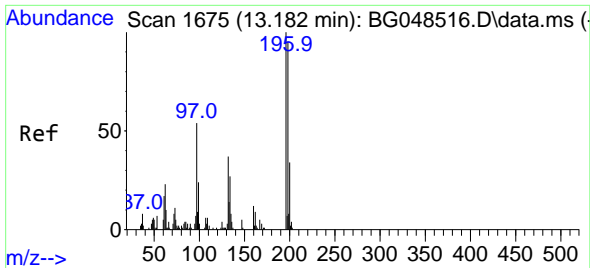


#42
 2,4,6-Tribromophenol
 Concen: 124.74 ng
 RT: 16.237 min Scan# 2195
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



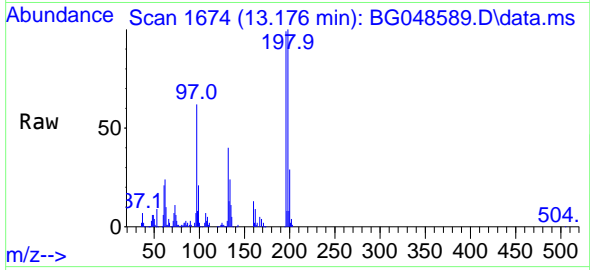
Tgt Ion:330 Resp: 135784
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.6 116.4
 141 41.2 34.6 52.0





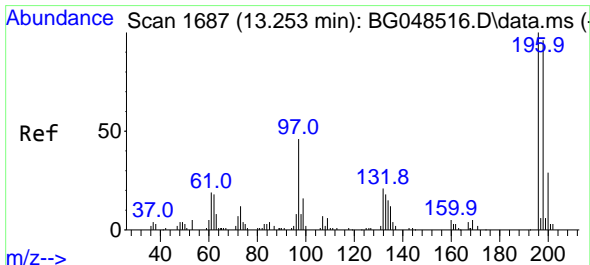
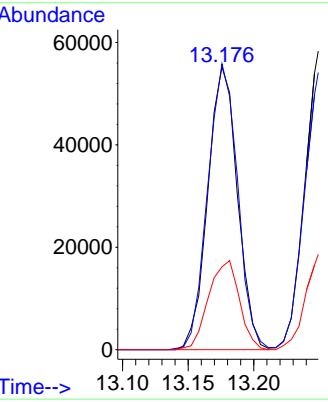
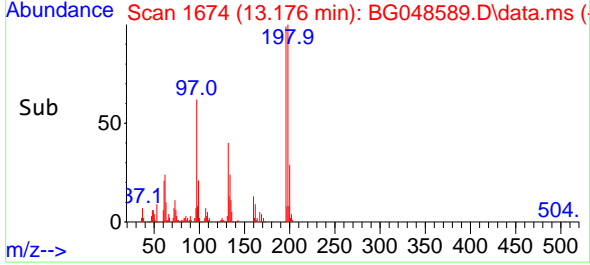
#43
 2,4,6-Trichlorophenol
 Concen: 49.27 ng
 RT: 13.176 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD

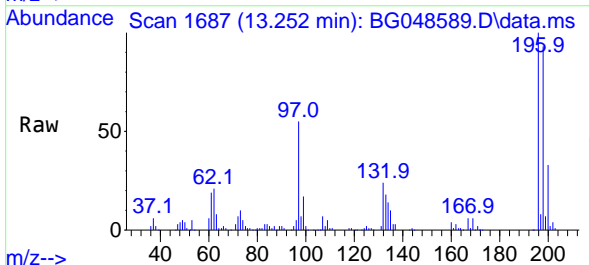


Tgt Ion:196 Resp: 86932
 Ion Ratio Lower Upper
 196 100
 198 101.1 75.8 113.6
 200 29.3 27.0 40.6

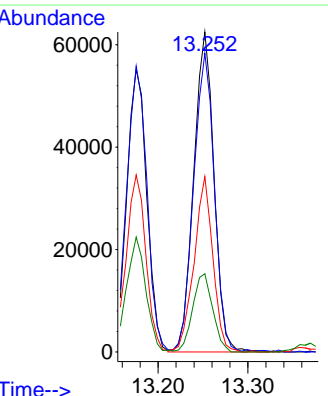
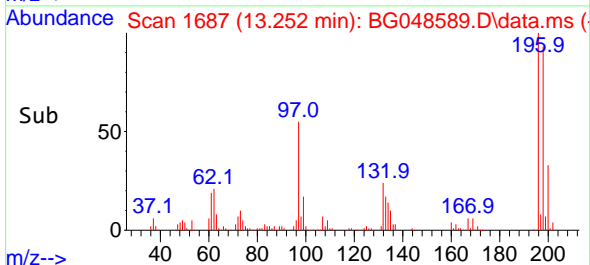
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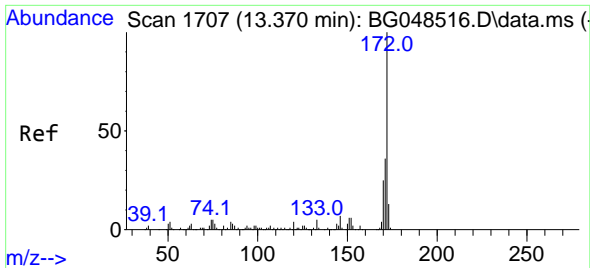


#44
 2,4,5-Trichlorophenol
 Concen: 52.04 ng
 RT: 13.252 min Scan# 1687
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



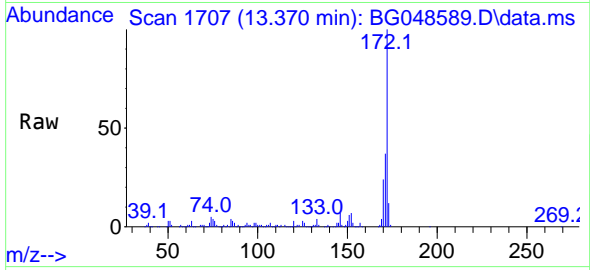
Tgt Ion:196 Resp: 98237
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.1 115.7
 97 54.8 37.5 56.3
 132 24.4 17.3 25.9





#45
 2-Fluorobiphenyl
 Concen: 79.42 ng
 RT: 13.370 min Scan# 1707
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

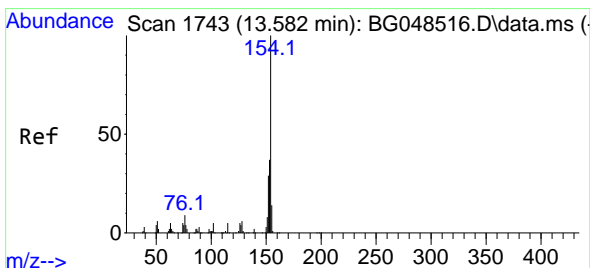
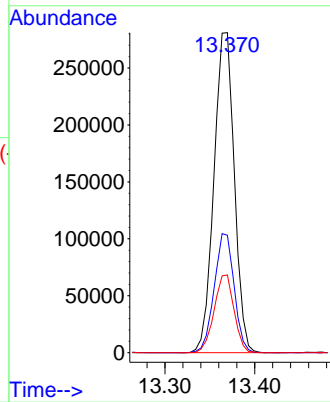
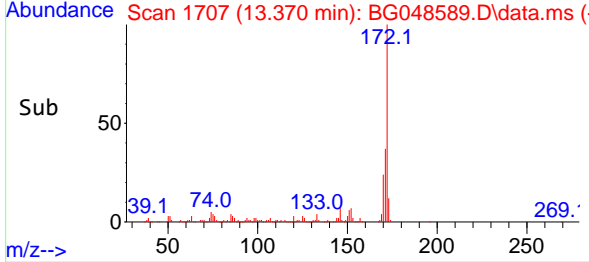
Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD



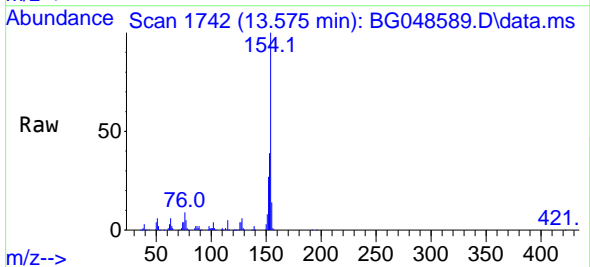
Tgt Ion:172 Resp: 442475

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100 | | |
| 171 | 36.7 | 28.5 | 42.7 |
| 170 | 24.3 | 19.8 | 29.6 |

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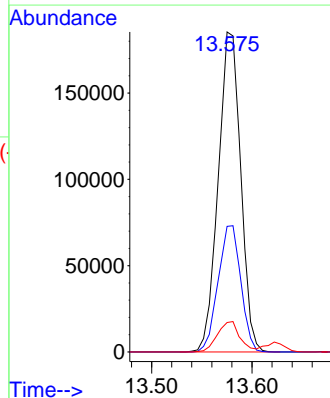
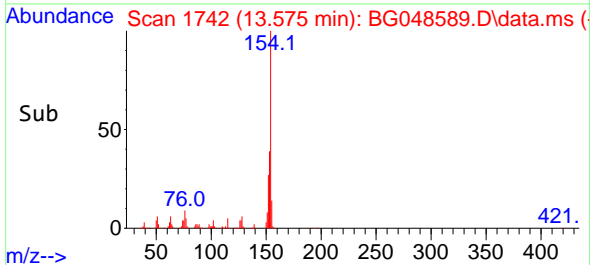


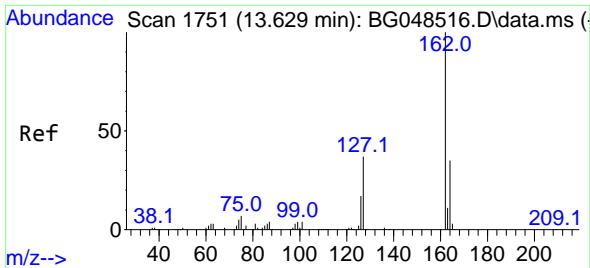
#46
 1,1'-Biphenyl
 Concen: 47.54 ng
 RT: 13.575 min Scan# 1742
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion:154 Resp: 287667

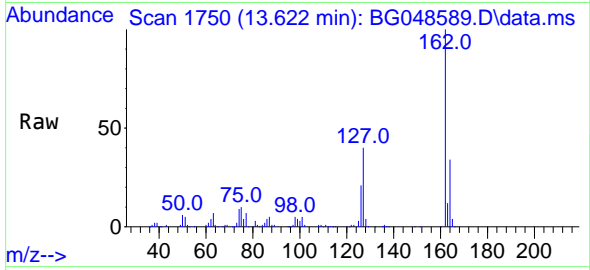
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100 | | |
| 153 | 39.3 | 17.3 | 57.3 |
| 76 | 9.2 | 0.0 | 28.6 |





#47
 2-Chloronaphthalene
 Concen: 47.16 ng
 RT: 13.622 min Scan# 1750
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

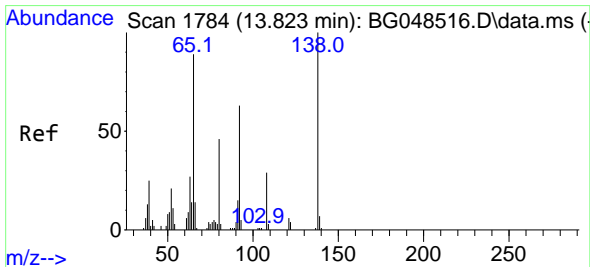
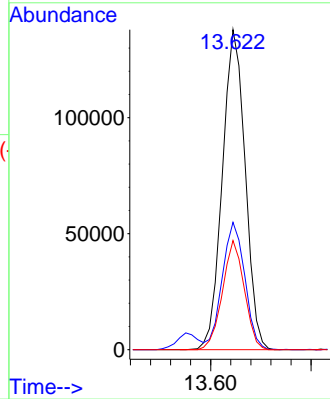
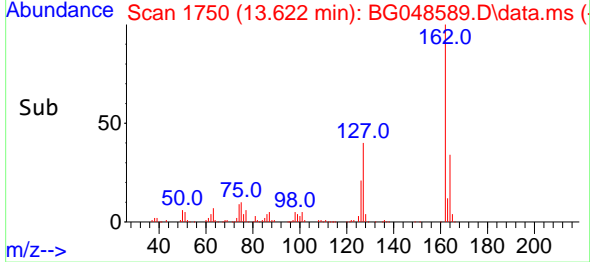
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



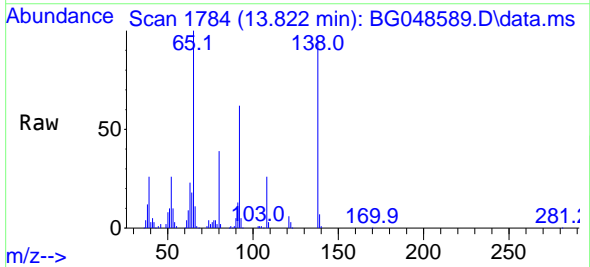
Tgt Ion:162 Resp: 217390
 Ion Ratio Lower Upper
 162 100
 127 39.8 31.8 47.8
 164 34.1 27.8 41.6

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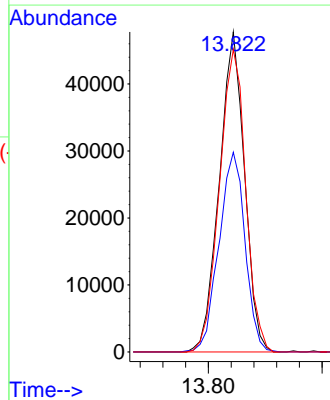
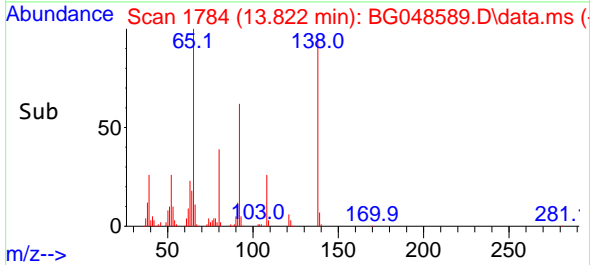
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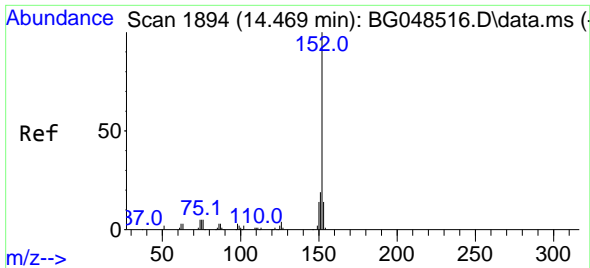


#48
 2-Nitroaniline
 Concen: 50.06 ng
 RT: 13.822 min Scan# 1784
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



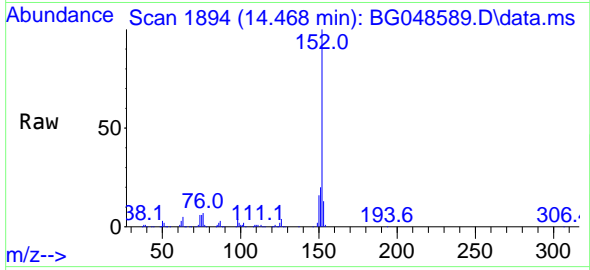
Tgt Ion: 65 Resp: 73364
 Ion Ratio Lower Upper
 65 100
 92 62.4 56.7 85.1
 138 94.5 89.6 134.4





#49
 Acenaphthylene
 Concen: 50.54 ng
 RT: 14.468 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

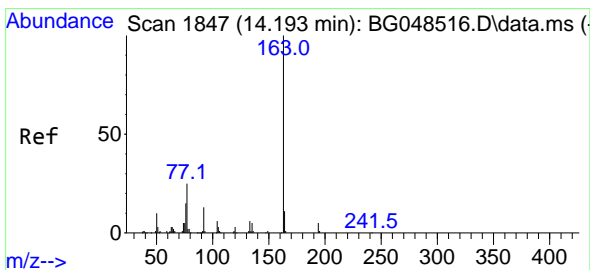
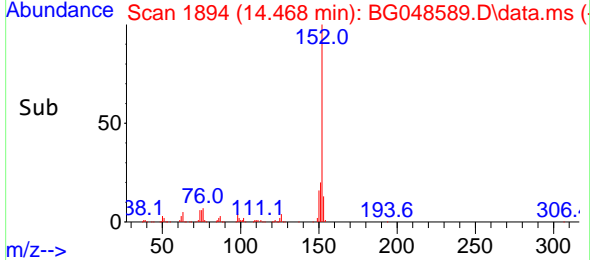
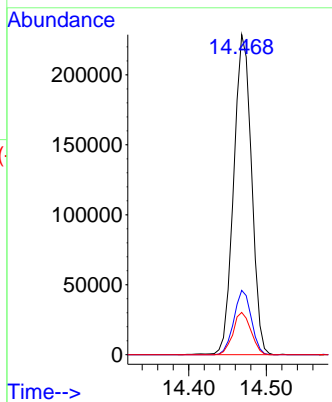
Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD



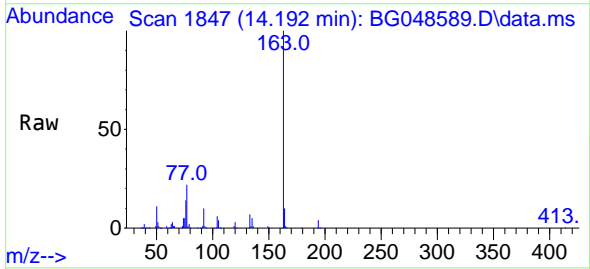
Tgt Ion:152 Resp: 365261

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100 | | |
| 151 | 20.1 | 15.0 | 22.6 |
| 153 | 13.2 | 11.0 | 16.6 |

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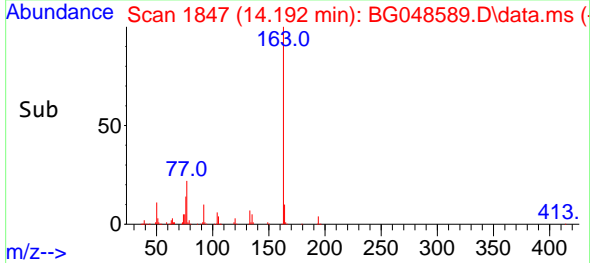
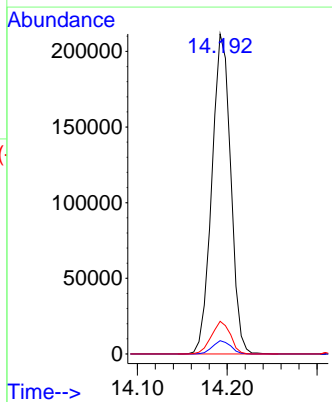


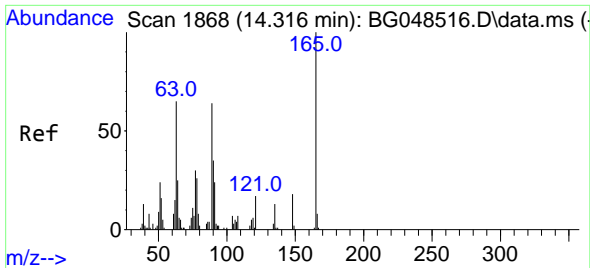
#50
 Dimethylphthalate
 Concen: 50.18 ng
 RT: 14.192 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion:163 Resp: 308456

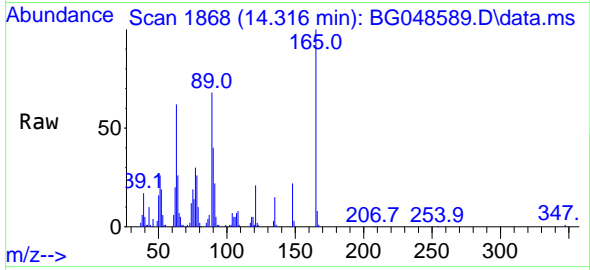
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100 | | |
| 194 | 4.2 | 4.1 | 6.1 |
| 164 | 10.2 | 8.6 | 12.8 |





#51
 2,6-Dinitrotoluene
 Concen: 46.59 ng
 RT: 14.316 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

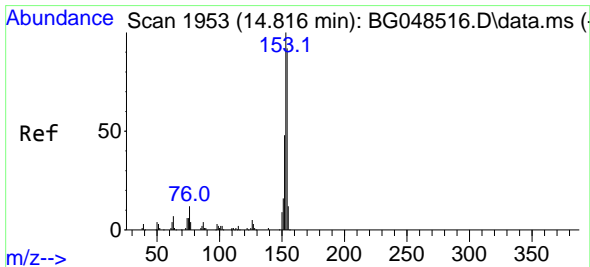
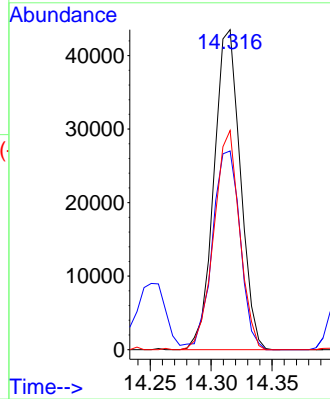
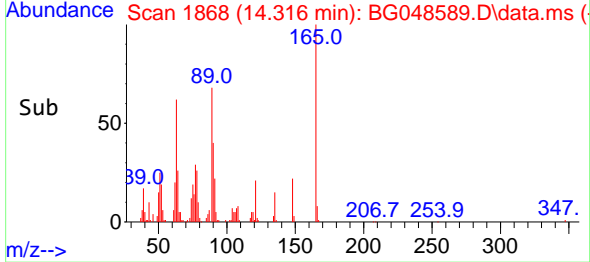
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



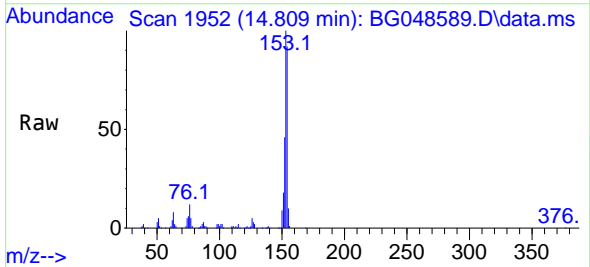
Tgt Ion:165 Resp: 65513
 Ion Ratio Lower Upper
 165 100
 63 62.1 53.8 80.6
 89 68.5 50.8 76.2

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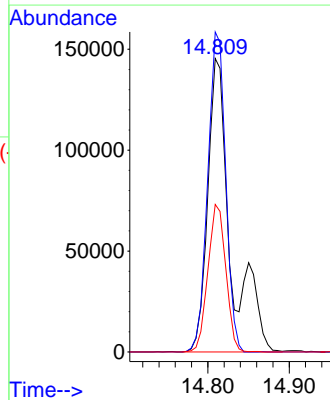
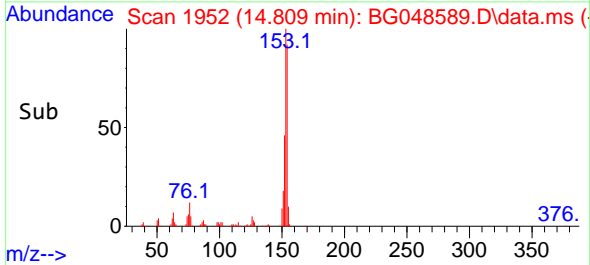
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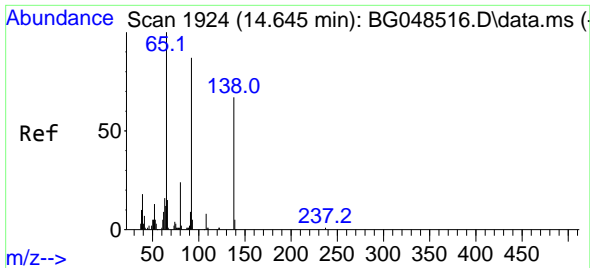


#52
 Acenaphthene
 Concen: 54.68 ng m
 RT: 14.809 min Scan# 1952
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



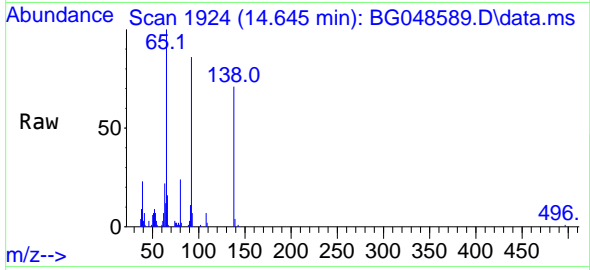
Tgt Ion:154 Resp: 285826
 Ion Ratio Lower Upper
 154 100
 153 109.1 86.6 129.8
 152 50.3 41.5 62.3





#53
 3-Nitroaniline
 Concen: 16.78 ng
 RT: 14.645 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

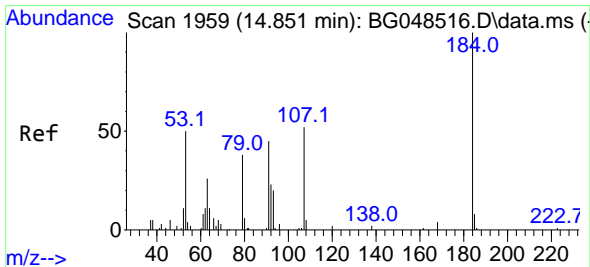
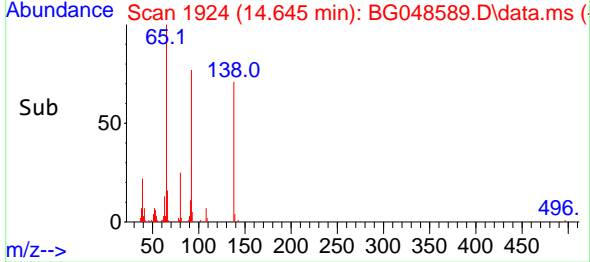
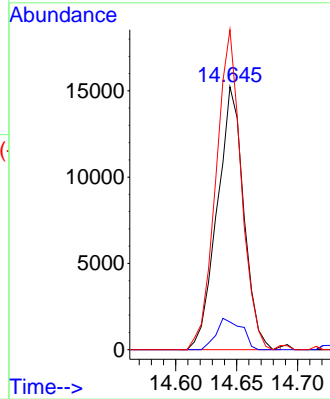
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



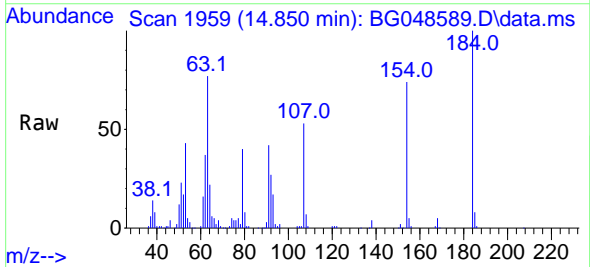
Tgt Ion:138 Resp: 23144
 Ion Ratio Lower Upper
 138 100
 108 10.5 9.2 13.8
 92 121.7 103.8 155.8

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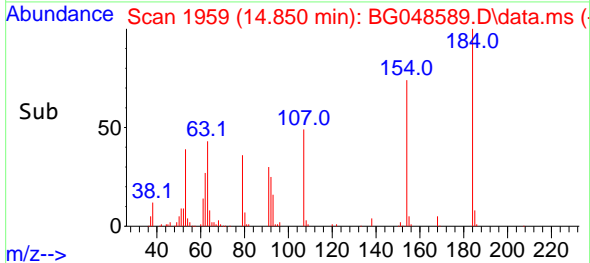
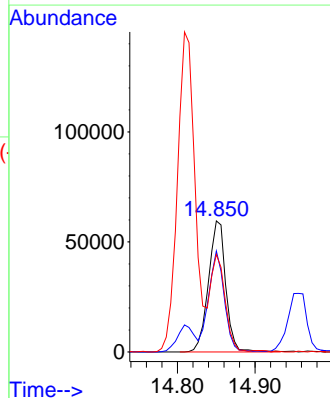
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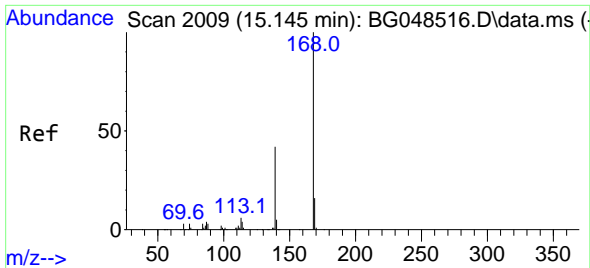


#54
 2,4-Dinitrophenol
 Concen: 116.91 ng
 RT: 14.850 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



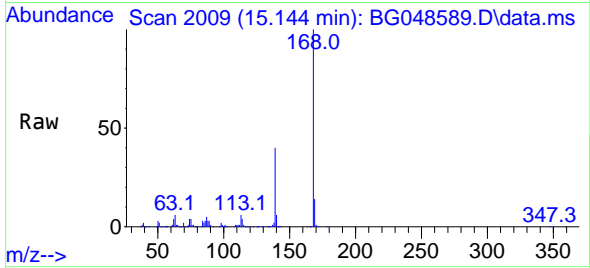
Tgt Ion:184 Resp: 92439
 Ion Ratio Lower Upper
 184 100
 63 77.1 56.6 84.8
 154 74.4 54.9 82.3





#55
 Dibenzofuran
 Concen: 45.90 ng
 RT: 15.144 min Scan# 2009
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

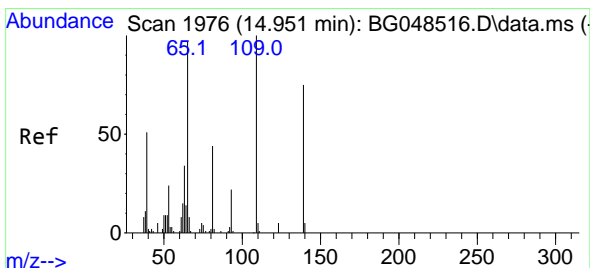
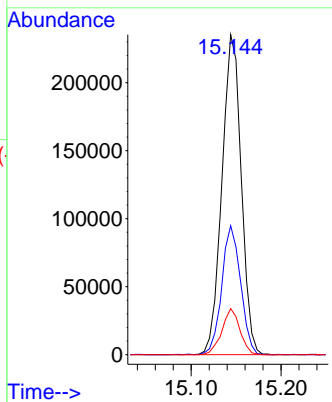
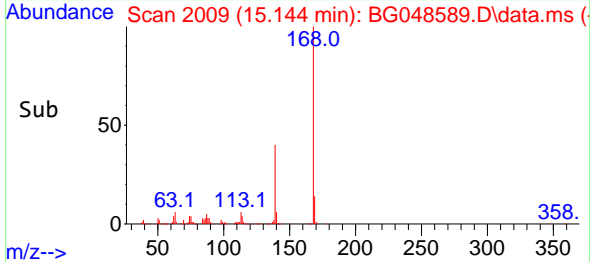
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



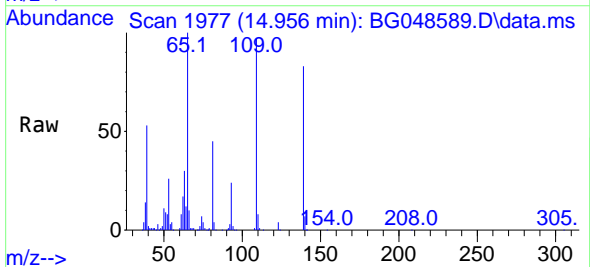
Tgt Ion:168 Resp: 350444
 Ion Ratio Lower Upper
 168 100
 139 40.3 33.7 50.5
 169 14.4 12.5 18.7

Manual Integrations
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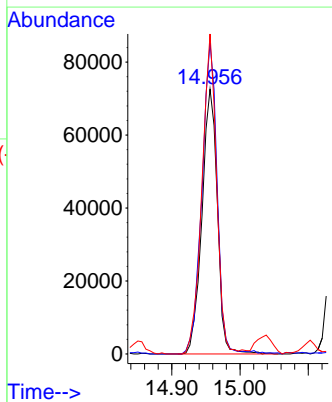
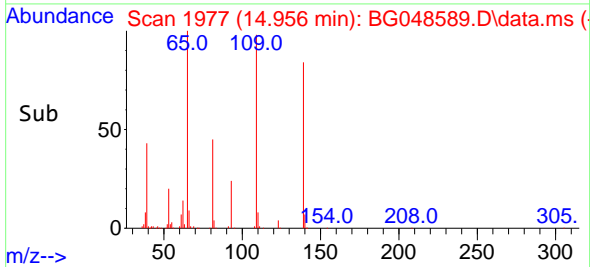
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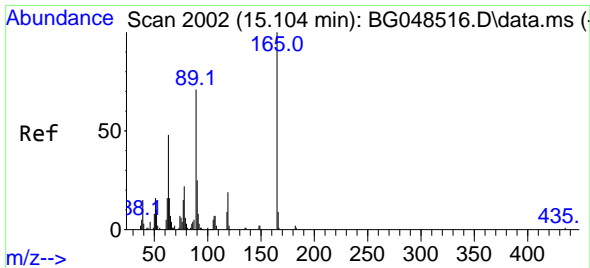


#56
 4-Nitrophenol
 Concen: 102.69 ng
 RT: 14.956 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



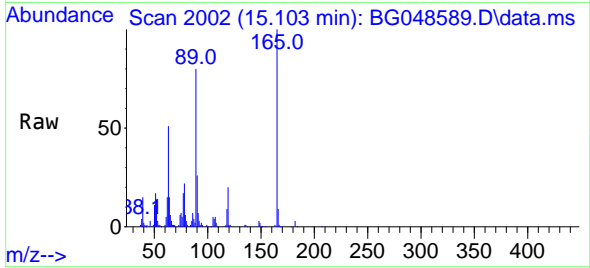
Tgt Ion:139 Resp: 114297
 Ion Ratio Lower Upper
 139 100
 109 117.5 113.0 153.0
 65 120.9 109.4 149.4





#57
 2,4-Dinitrotoluene
 Concen: 46.48 ng
 RT: 15.103 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

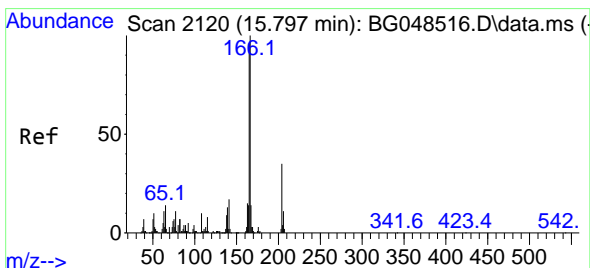
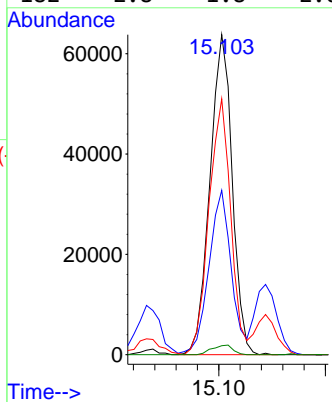
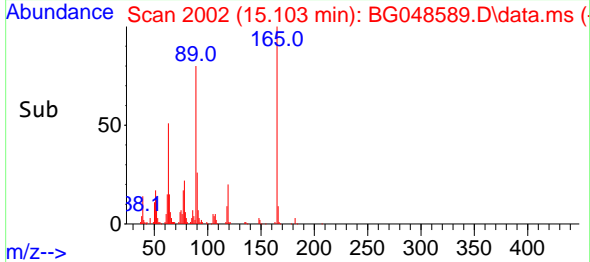
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



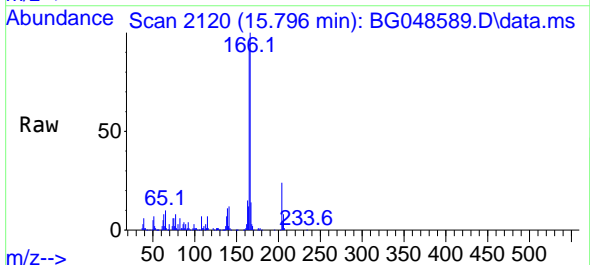
Tgt Ion:165 Resp: 92445
 Ion Ratio Lower Upper
 165 100
 63 51.3 38.3 57.5
 89 80.0 56.5 84.7
 182 2.8 1.8 2.6#

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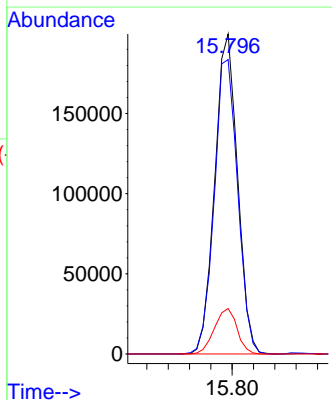
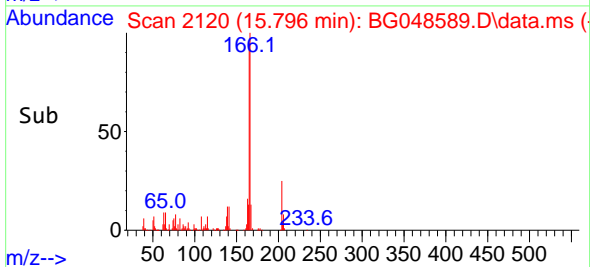
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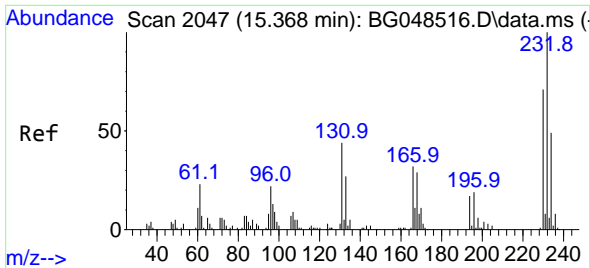


#58
 Fluorene
 Concen: 46.22 ng
 RT: 15.796 min Scan# 2120
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



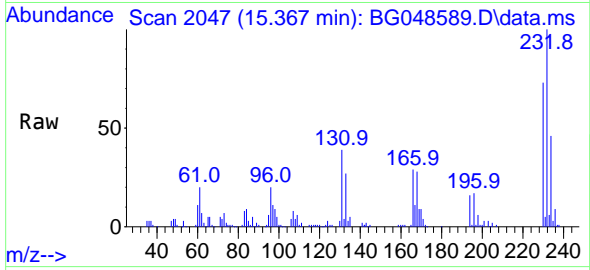
Tgt Ion:166 Resp: 295333
 Ion Ratio Lower Upper
 166 100
 165 92.0 76.8 115.2
 167 14.2 11.1 16.7





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.64 ng
 RT: 15.367 min Scan# 2047
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

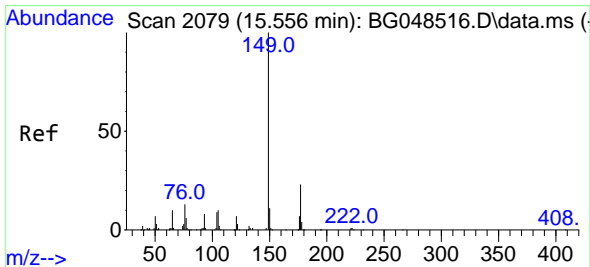
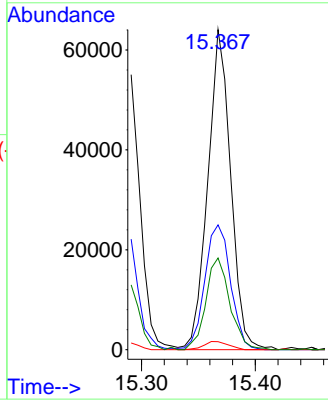
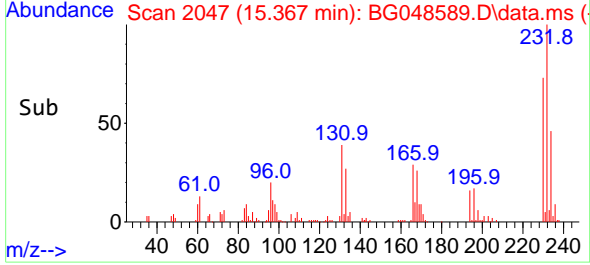
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



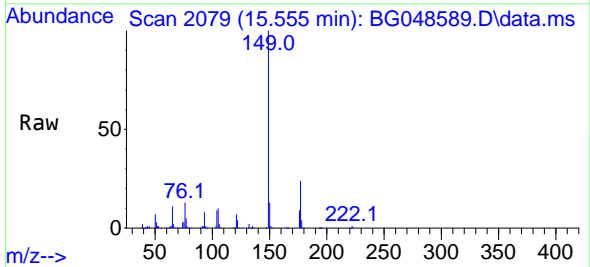
Tgt Ion:232 Resp: 89572
 Ion Ratio Lower Upper
 232 100
 131 44.0 35.0 52.4
 130 2.8 2.4 3.6
 166 30.2 23.6 35.4

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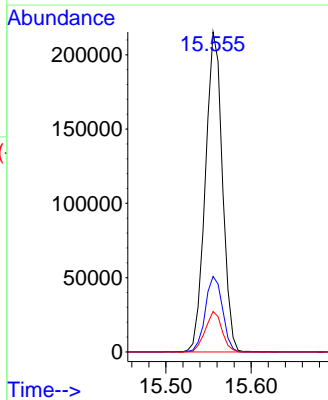
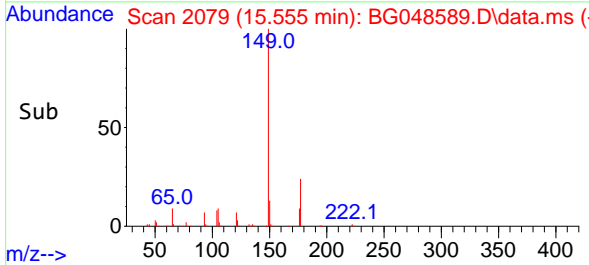
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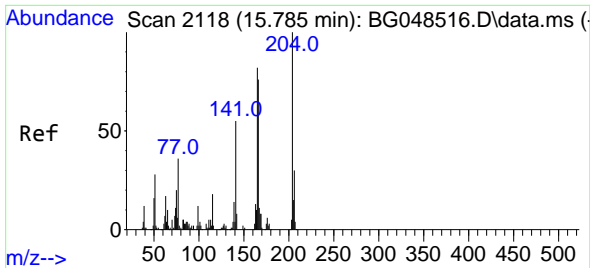


#60
 Diethylphthalate
 Concen: 47.38 ng
 RT: 15.555 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



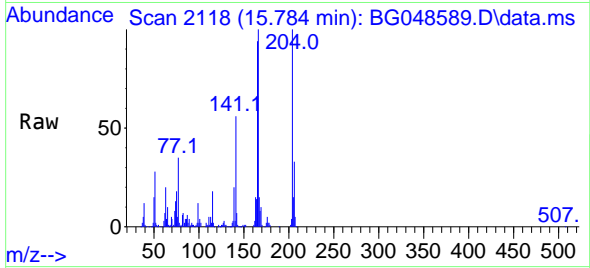
Tgt Ion:149 Resp: 299207
 Ion Ratio Lower Upper
 149 100
 177 23.6 18.1 27.1
 150 12.6 9.1 13.7





#61
 4-Chlorophenyl-phenylether
 Concen: 46.89 ng
 RT: 15.784 min Scan# 2118
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

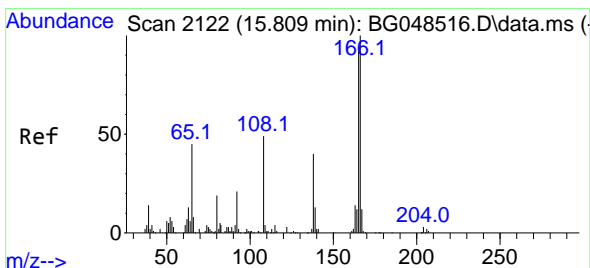
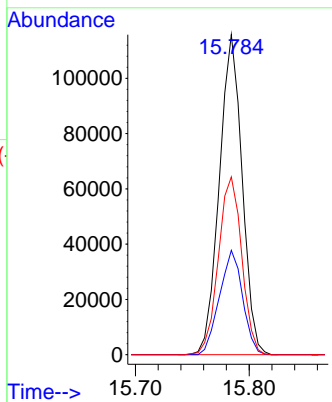
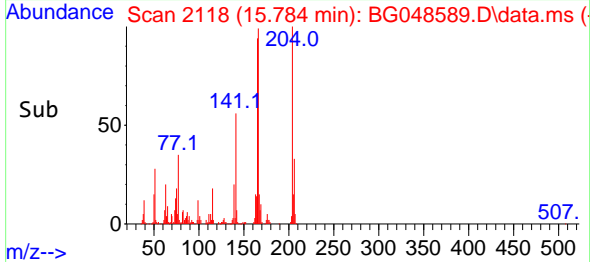
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



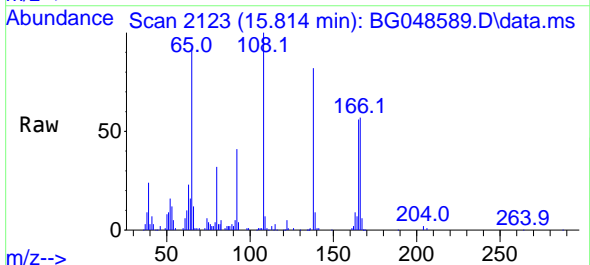
Tgt Ion:204 Resp: 161232
 Ion Ratio Lower Upper
 204 100
 206 32.6 23.8 35.8
 141 55.6 44.0 66.0

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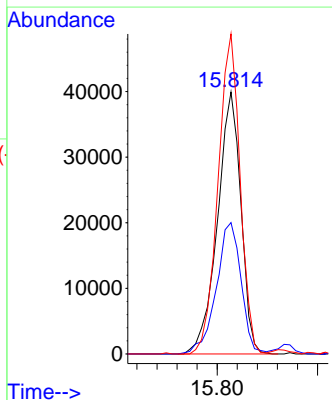
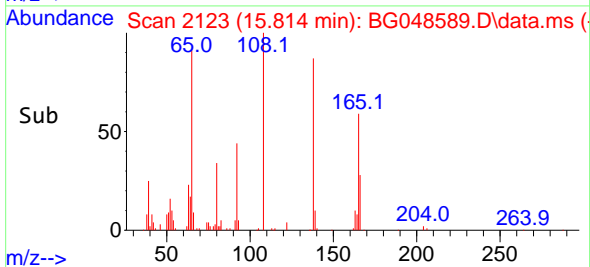
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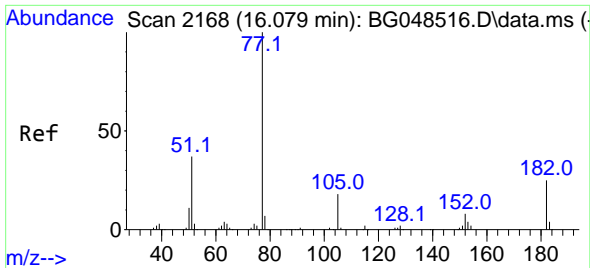


#62
 4-Nitroaniline
 Concen: 44.73 ng
 RT: 15.814 min Scan# 2123
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



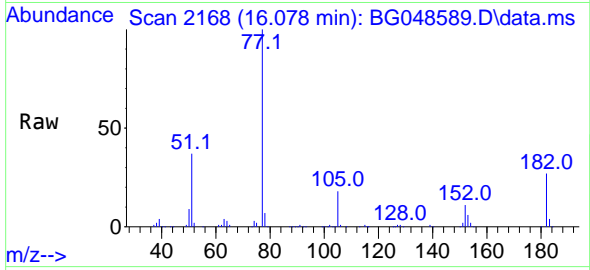
Tgt Ion:138 Resp: 64517
 Ion Ratio Lower Upper
 138 100
 92 50.2 32.2 72.2
 108 122.2 104.1 144.1





#63
 Azobenzene
 Concen: 43.67 ng
 RT: 16.078 min Scan# 2168
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD

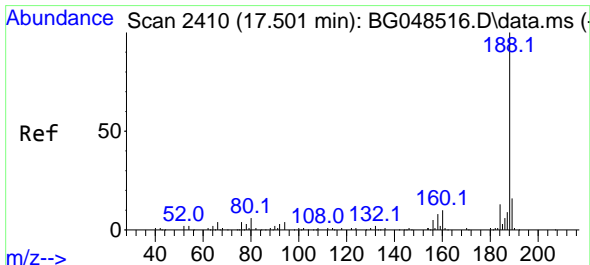
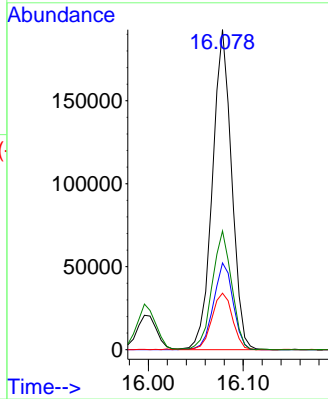
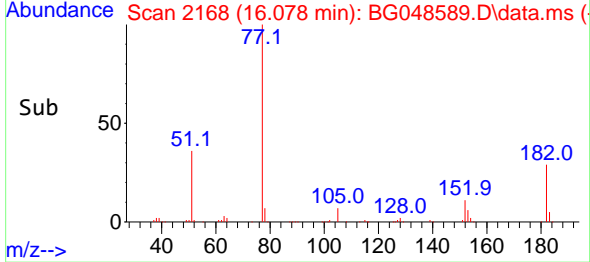


Tgt Ion: 77 Resp: 271300

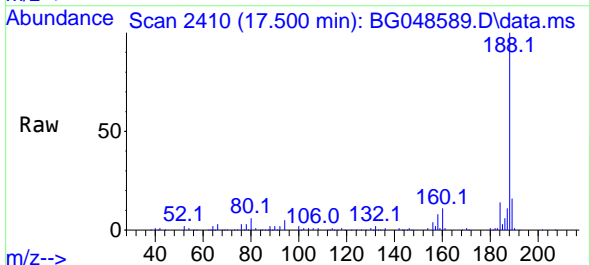
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77 | 100 | | |
| 182 | 27.1 | 5.3 | 45.3 |
| 105 | 17.7 | 0.0 | 37.8 |
| 51 | 37.1 | 17.0 | 57.0 |

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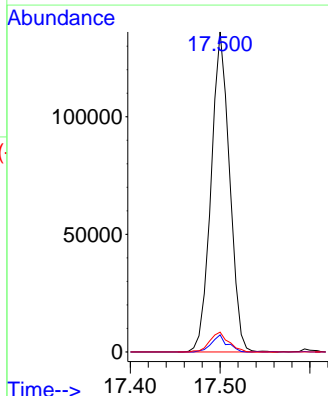
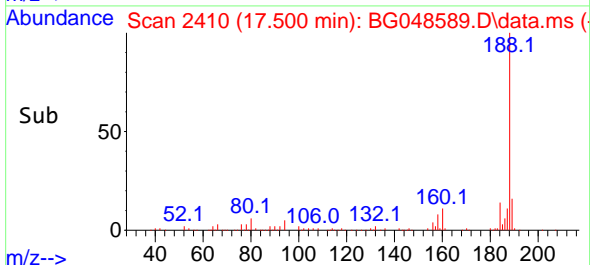


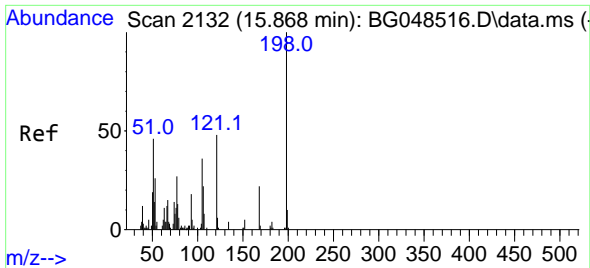
#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.500 min Scan# 2410
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion: 188 Resp: 194768

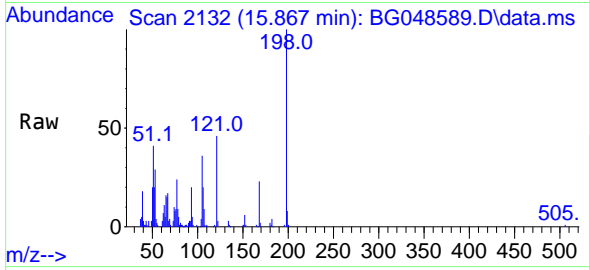
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100 | | |
| 94 | 5.4 | 3.0 | 4.6# |
| 80 | 6.2 | 4.5 | 6.7 |





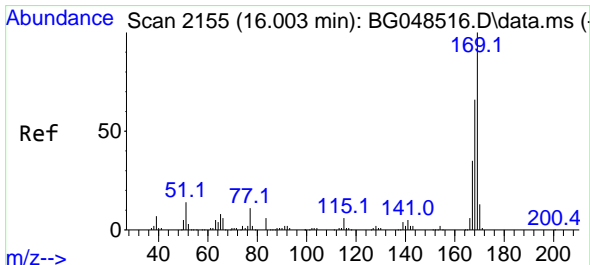
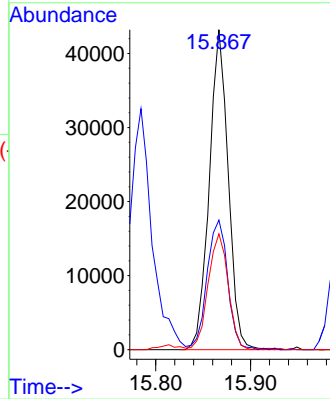
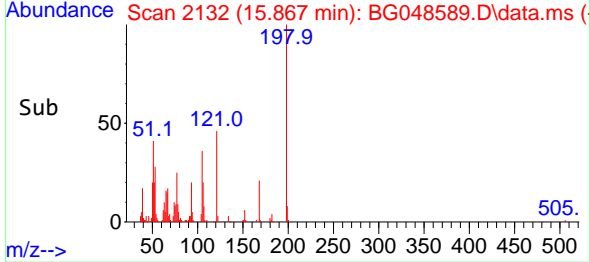
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.22 ng
 RT: 15.867 min Scan# 2132
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD

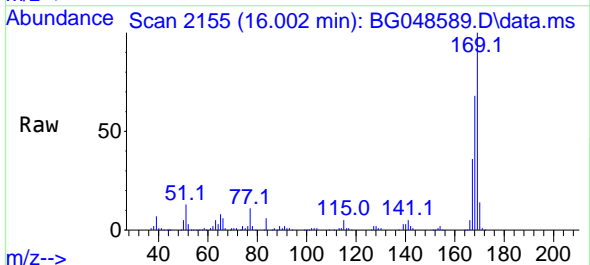


Tgt Ion:198 Resp: 59941
 Ion Ratio Lower Upper
 198 100
 51 40.5 26.5 66.5
 105 36.2 16.0 56.0

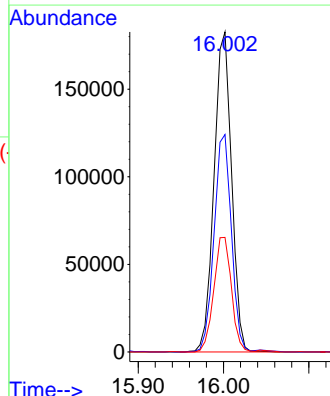
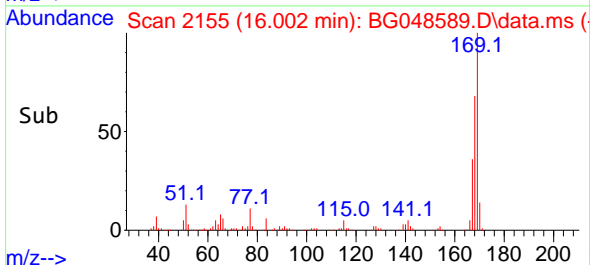
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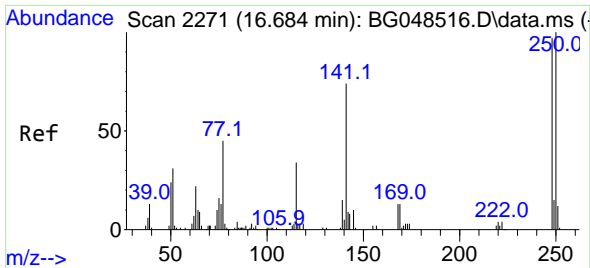


#66
 n-Nitrosodiphenylamine
 Concen: 46.99 ng
 RT: 16.002 min Scan# 2155
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



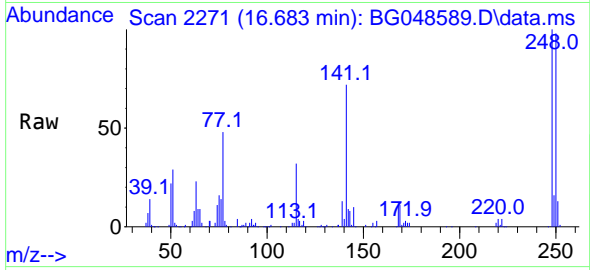
Tgt Ion:169 Resp: 260405
 Ion Ratio Lower Upper
 169 100
 168 68.0 52.7 79.1
 167 35.8 27.8 41.8





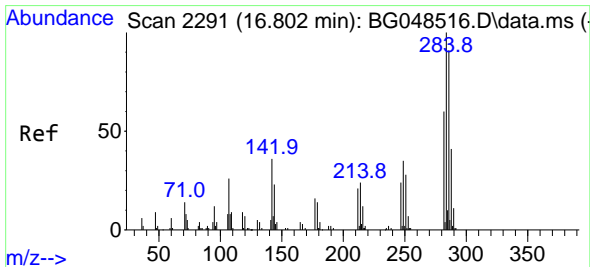
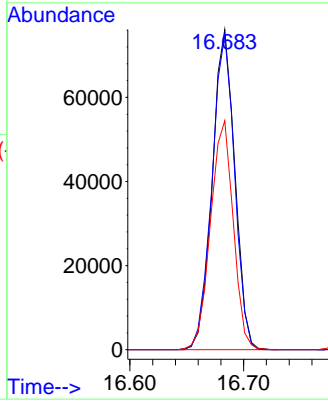
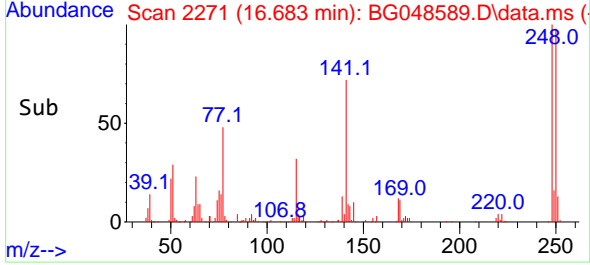
#67
 4-Bromophenyl-phenylether
 Concen: 48.47 ng
 RT: 16.683 min Scan# 2271
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD

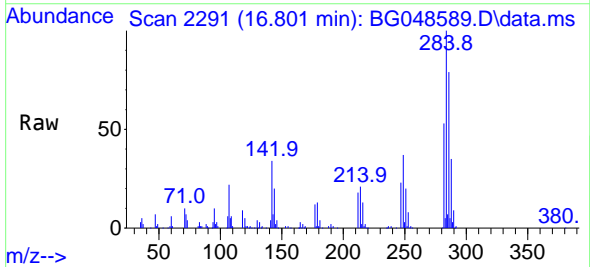


Tgt Ion:248 Resp: 104656
 Ion Ratio Lower Upper
 248 100
 250 98.5 82.6 124.0
 141 71.5 61.0 91.6

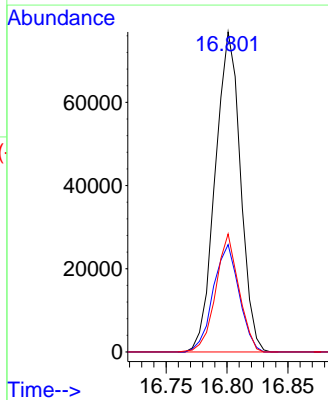
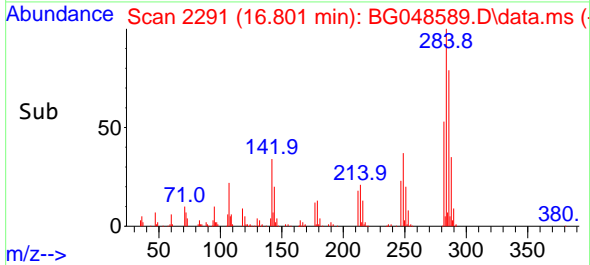
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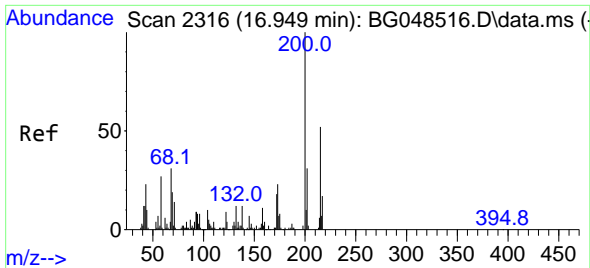


#68
 Hexachlorobenzene
 Concen: 49.11 ng
 RT: 16.801 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



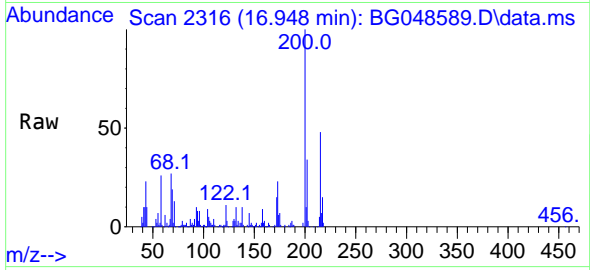
Tgt Ion:284 Resp: 110709
 Ion Ratio Lower Upper
 284 100
 142 33.5 29.1 43.7
 249 36.9 27.7 41.5





#69
 Atrazine
 Concen: 49.08 ng
 RT: 16.948 min Scan# 2316
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

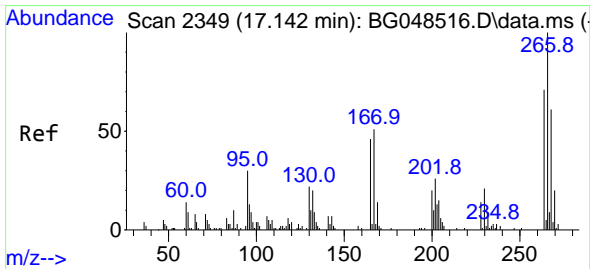
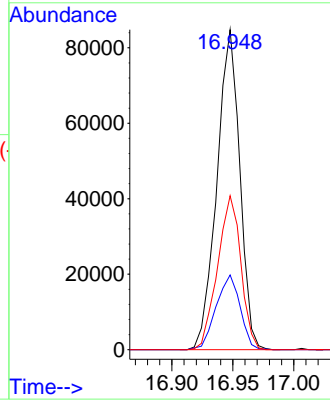
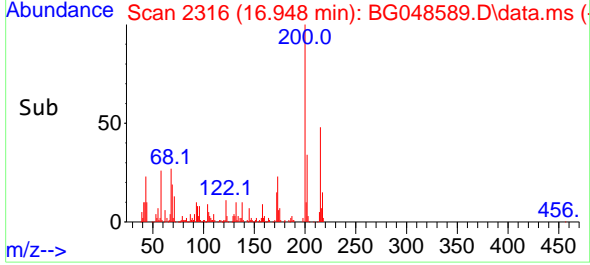
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



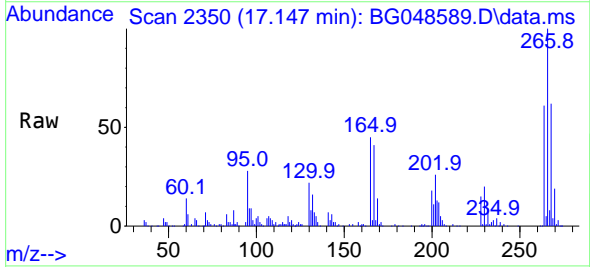
Tgt Ion:200 Resp: 110914
 Ion Ratio Lower Upper
 200 100
 173 23.3 2.8 42.8
 215 48.1 31.7 71.7

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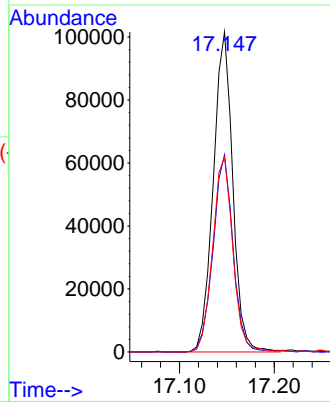
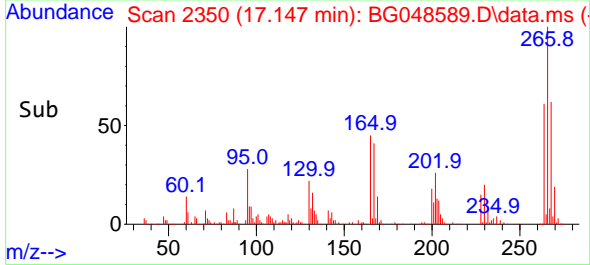
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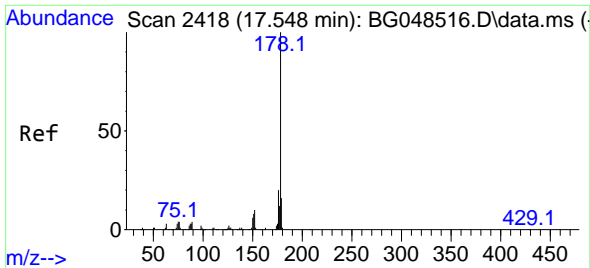


#70
 Pentachlorophenol
 Concen: 103.47 ng
 RT: 17.147 min Scan# 2350
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



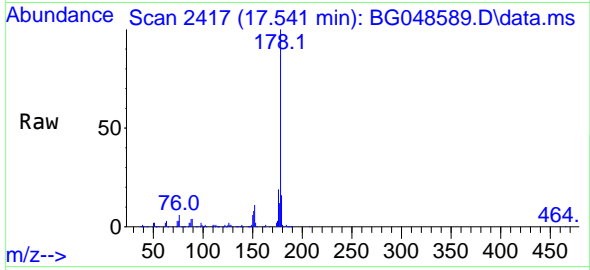
Tgt Ion:266 Resp: 144983
 Ion Ratio Lower Upper
 266 100
 268 61.6 48.6 73.0
 264 60.9 56.4 84.6





#71
 Phenanthrene
 Concen: 46.37 ng
 RT: 17.541 min Scan# 2417
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

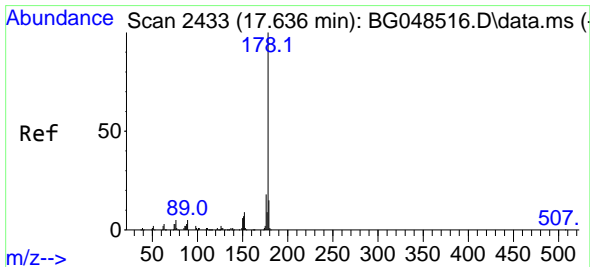
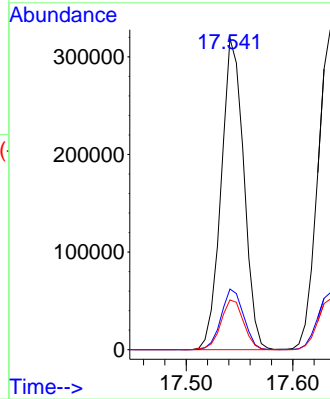
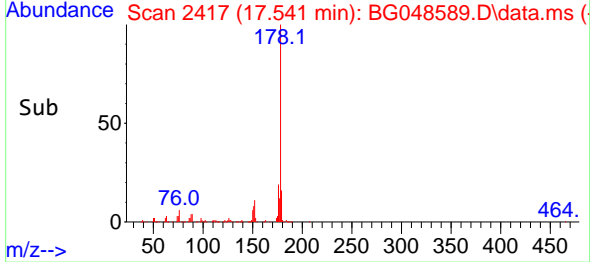
Instrument :
 BNA_G
 ClientSampled :
 SB-5(3.0-3.5)MSD



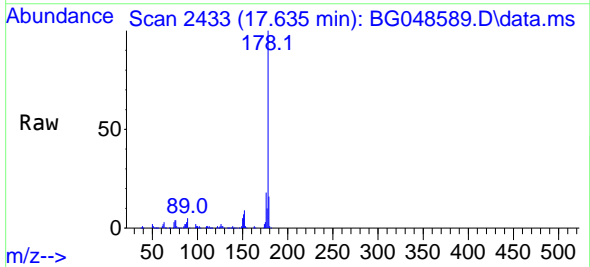
Tgt Ion:178 Resp: 468818
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 16.0 12.9 19.3

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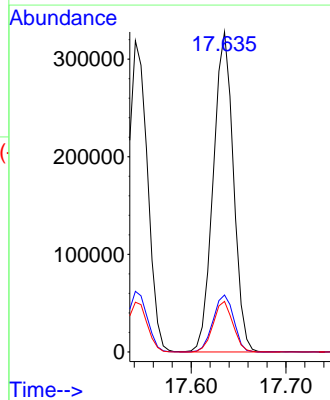
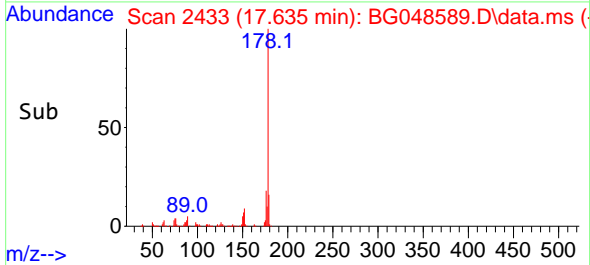
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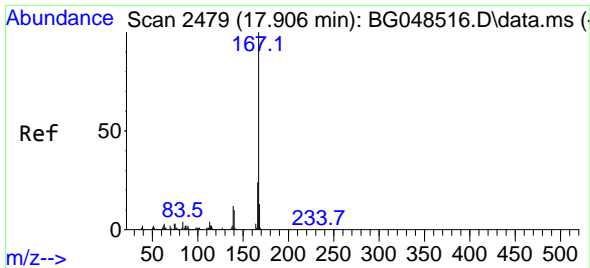


#72
 Anthracene
 Concen: 48.18 ng
 RT: 17.635 min Scan# 2433
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



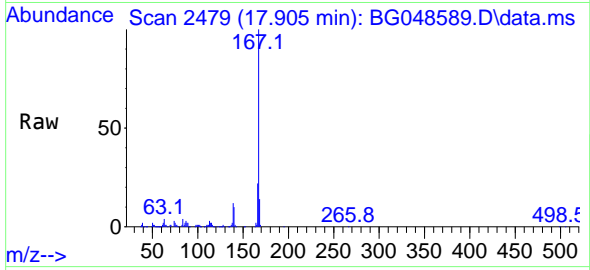
Tgt Ion:178 Resp: 485424
 Ion Ratio Lower Upper
 178 100
 176 17.8 14.1 21.1
 179 15.8 11.9 17.9





#73
 Carbazole
 Concen: 45.33 ng
 RT: 17.905 min Scan# 2479
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD

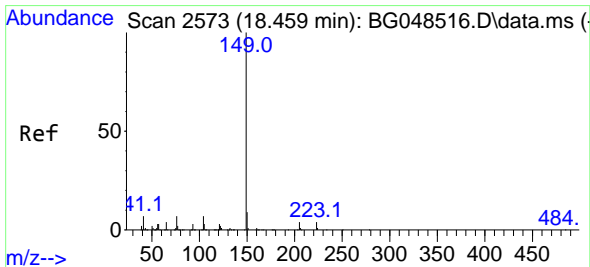
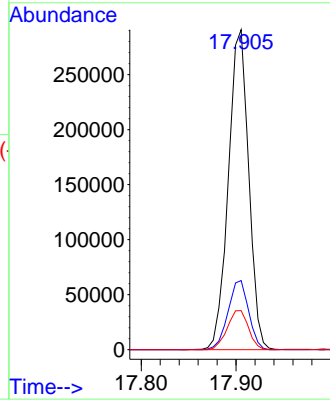
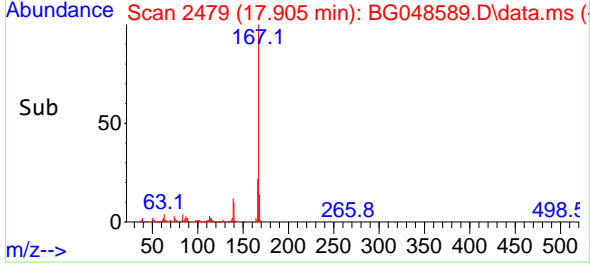


Tgt Ion:167 Resp: 433088

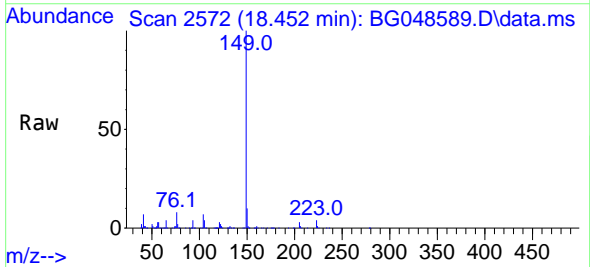
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100 | | |
| 166 | 21.6 | 19.0 | 28.6 |
| 139 | 12.2 | 10.0 | 15.0 |

Manual Integrations
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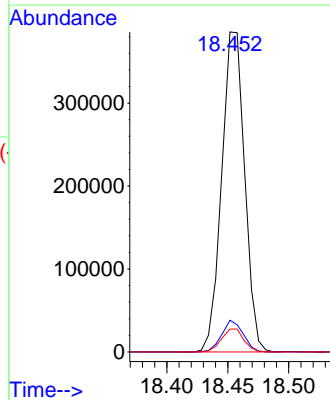
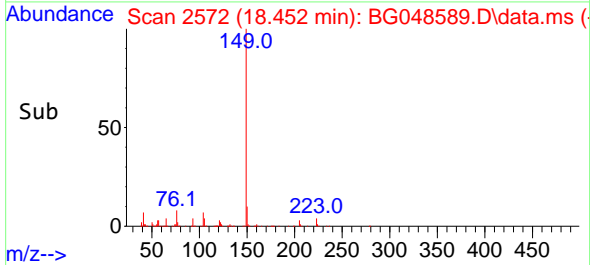


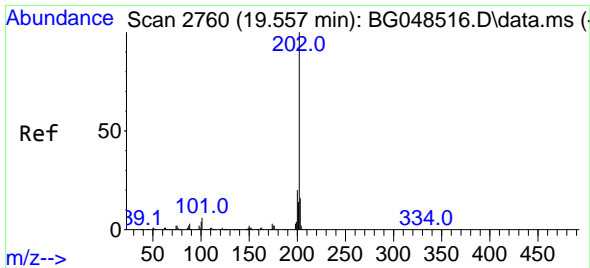
#74
 Di-n-butylphthalate
 Concen: 47.43 ng
 RT: 18.452 min Scan# 2572
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion:149 Resp: 506351

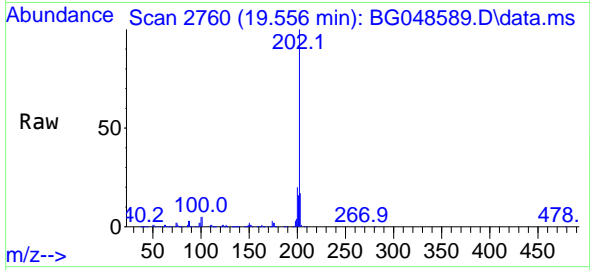
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100 | | |
| 150 | 9.9 | 7.0 | 10.4 |
| 104 | 7.2 | 5.9 | 8.9 |





#75
 Fluoranthene
 Concen: 45.81 ng
 RT: 19.556 min Scan# 2760
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

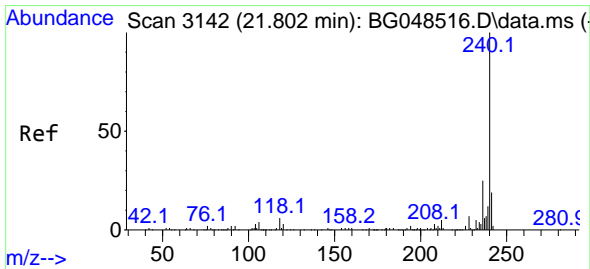
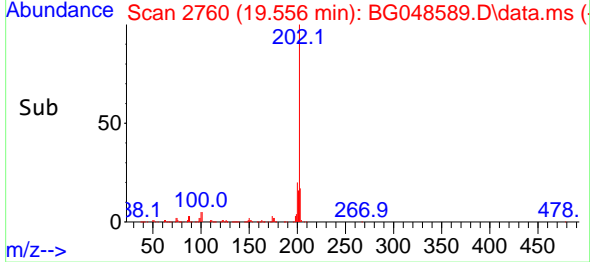
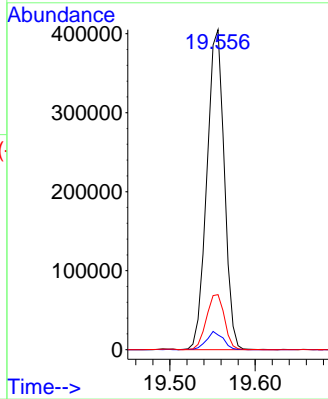
Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD



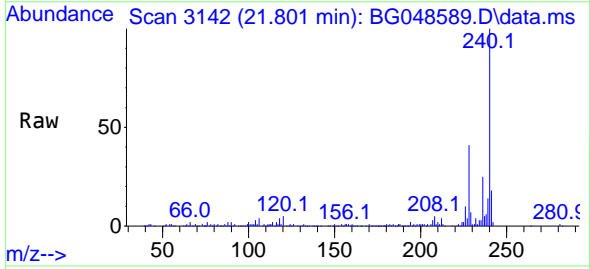
Tgt Ion: 202 Resp: 574151

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100 | | |
| 101 | 4.6 | 0.0 | 25.8 |
| 203 | 17.2 | 0.0 | 36.4 |

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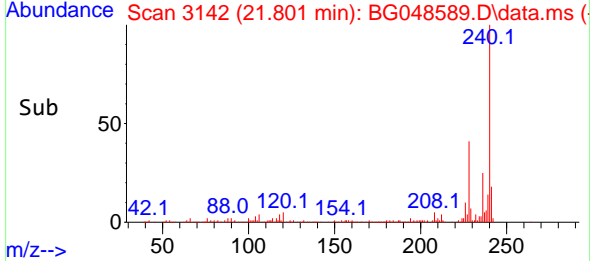
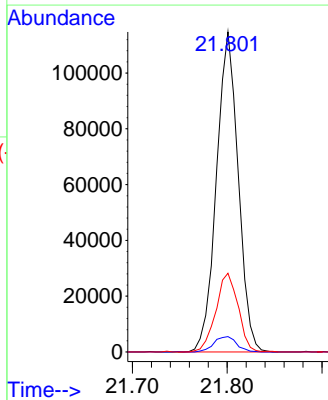


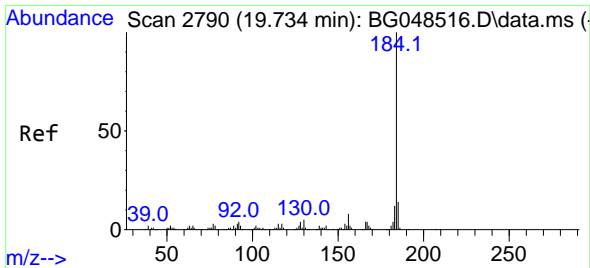
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.801 min Scan# 3142
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion: 240 Resp: 183123

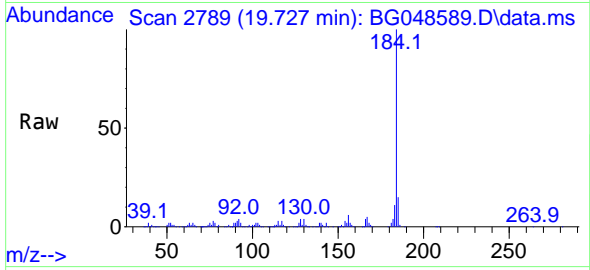
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100 | | |
| 120 | 4.8 | 2.6 | 3.8# |
| 236 | 24.6 | 19.8 | 29.6 |





#77
Benzidine
Concen: 34.87 ng
RT: 19.727 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BG048589.D
Acq: 5 Apr 2021 18:39

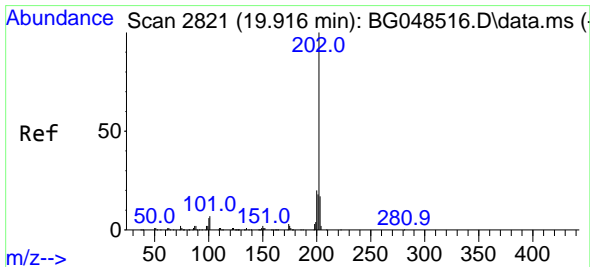
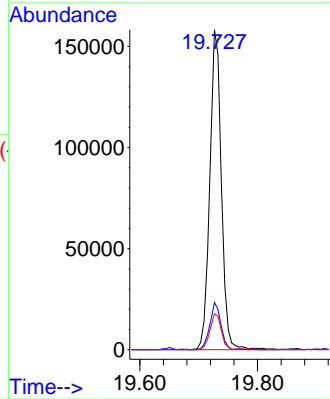
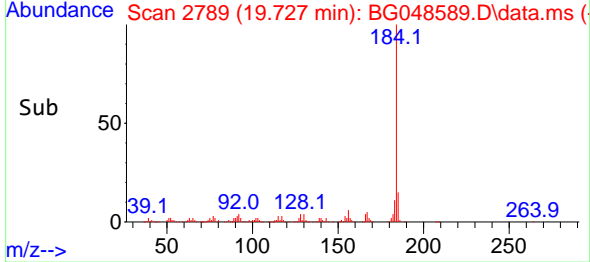
Instrument :
BNA_G
ClientSampleId :
SB-5(3.0-3.5)MSD



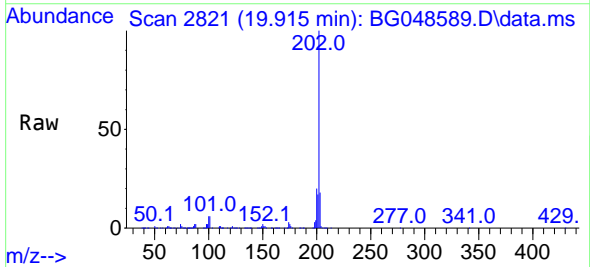
Tgt Ion:184 Resp: 216255
Ion Ratio Lower Upper
184 100
185 14.8 11.0 16.4
183 11.2 9.2 13.8

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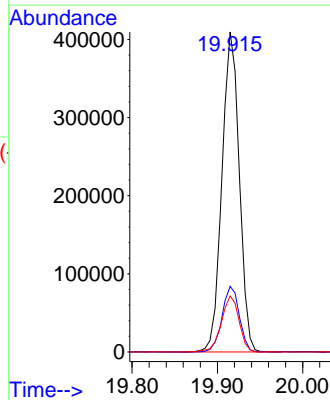
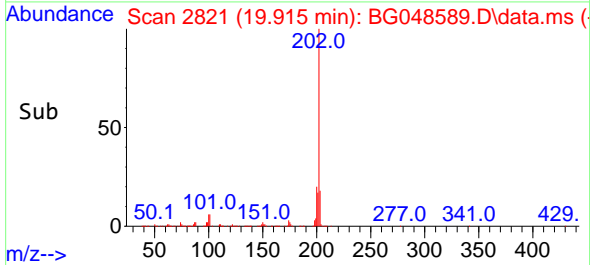
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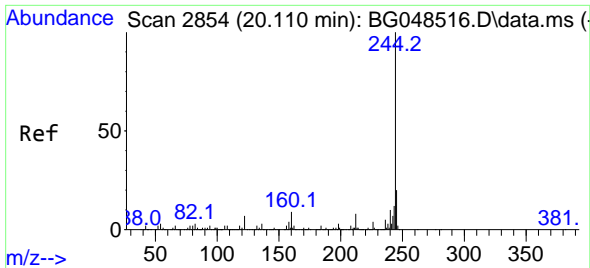


#78
Pyrene
Concen: 45.85 ng
RT: 19.915 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BG048589.D
Acq: 5 Apr 2021 18:39



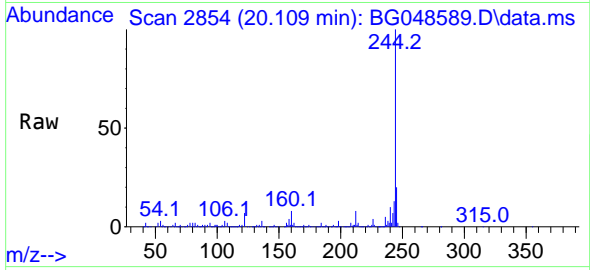
Tgt Ion:202 Resp: 577321
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 17.5 13.6 20.4





#79
 Terphenyl-d14
 Concen: 73.60 ng
 RT: 20.109 min Scan# 2854
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

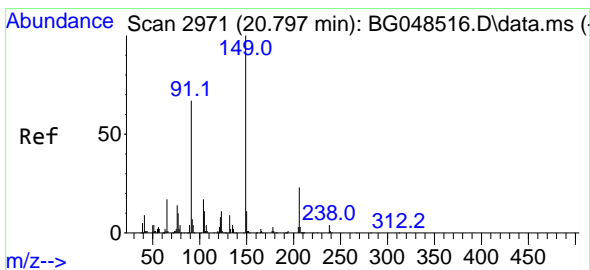
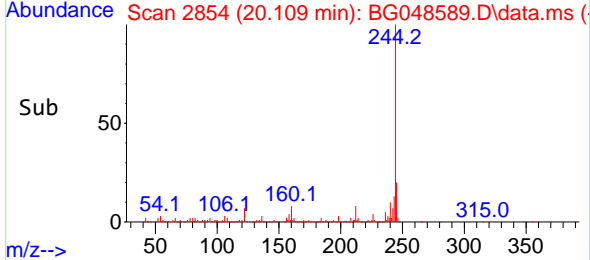
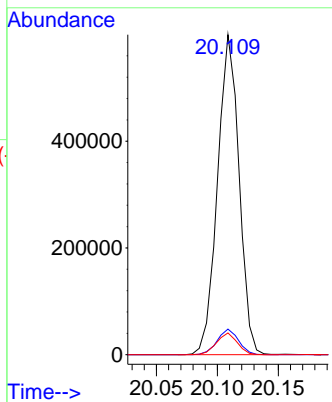
Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD



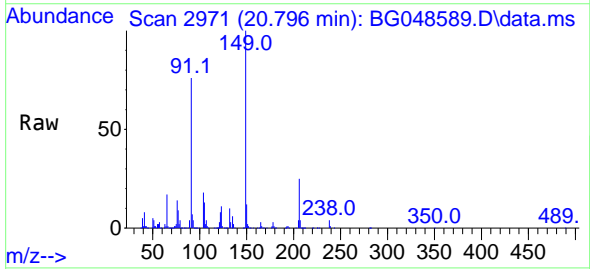
Tgt Ion:244 Resp: 736995

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100 | | |
| 212 | 8.0 | 6.0 | 9.0 |
| 122 | 6.8 | 5.8 | 8.6 |

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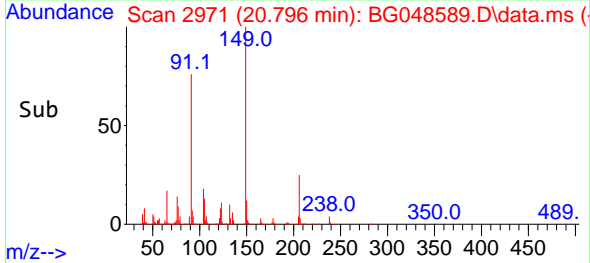
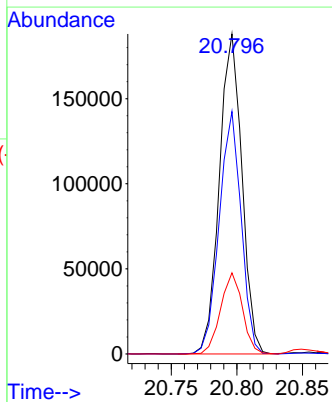


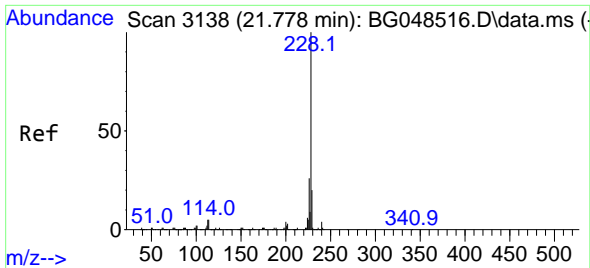
#80
 Butylbenzylphthalate
 Concen: 47.95 ng
 RT: 20.796 min Scan# 2971
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion:149 Resp: 224236

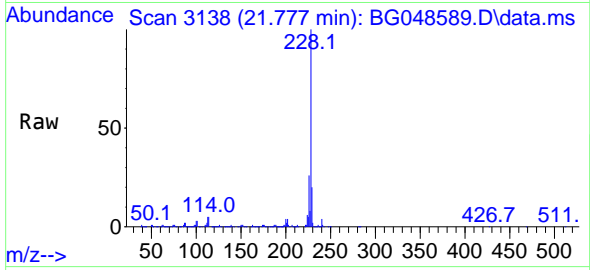
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100 | | |
| 91 | 75.7 | 53.6 | 80.4 |
| 206 | 25.4 | 18.3 | 27.5 |





#81
 Benzo(a)anthracene
 Concen: 46.68 ng
 RT: 21.777 min Scan# 3138
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

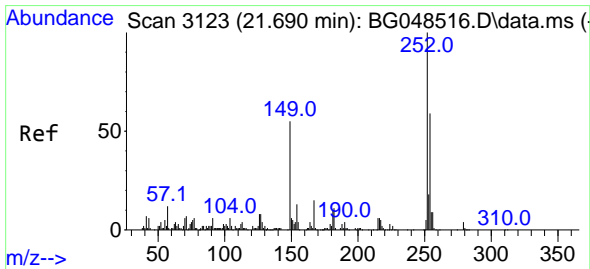
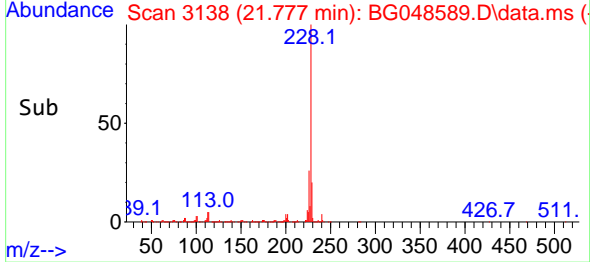
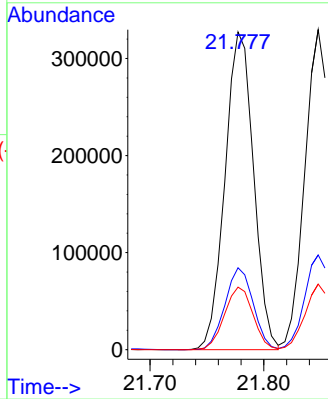
Instrument :
 BNA_G
ClientSampleId :
 SB-5(3.0-3.5)MSD



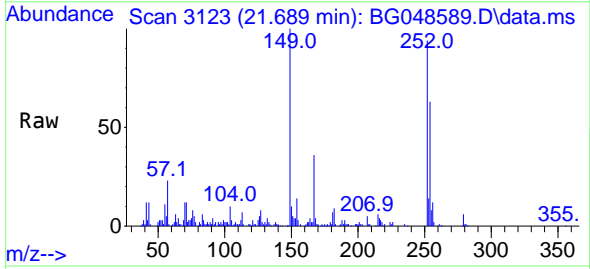
Tgt Ion:228 Resp: 571128

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100 | | |
| 226 | 25.8 | 20.6 | 30.8 |
| 229 | 19.7 | 15.8 | 23.8 |

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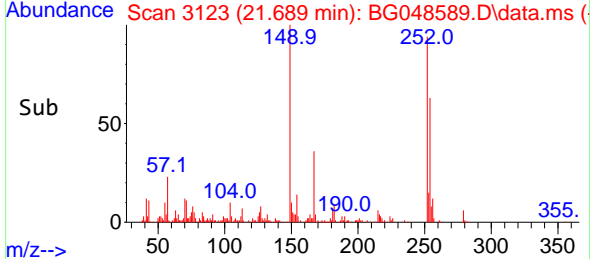
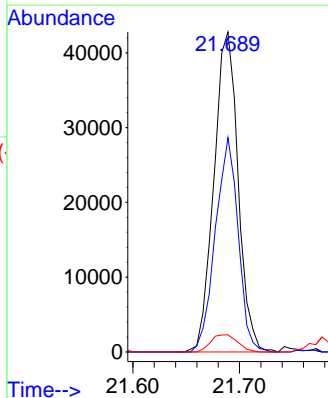


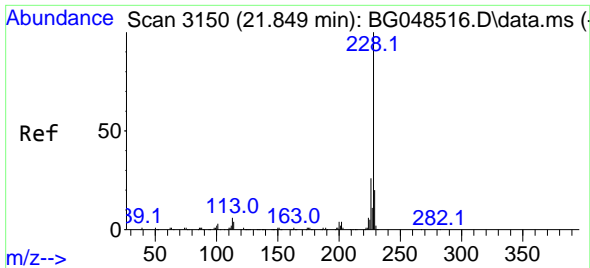
#82
 3,3'-Dichlorobenzidine
 Concen: 16.01 ng
 RT: 21.689 min Scan# 3123
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion:252 Resp: 67298

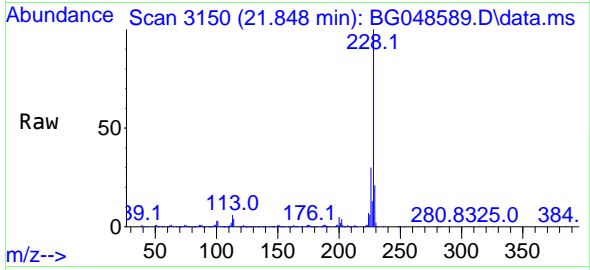
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100 | | |
| 254 | 67.0 | 47.4 | 71.2 |
| 126 | 5.3 | 6.1 | 9.1# |





#83
 Chrysene
 Concen: 45.19 ng
 RT: 21.848 min Scan# 3150
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

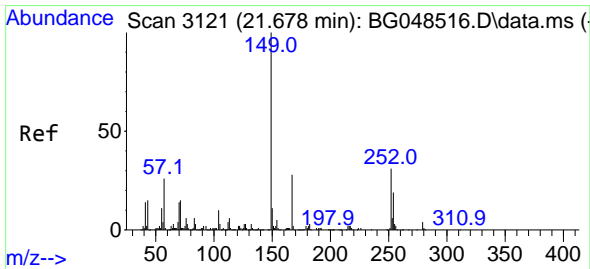
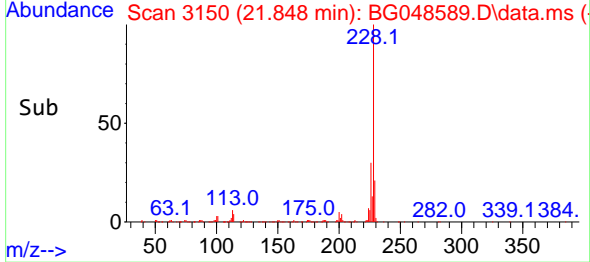
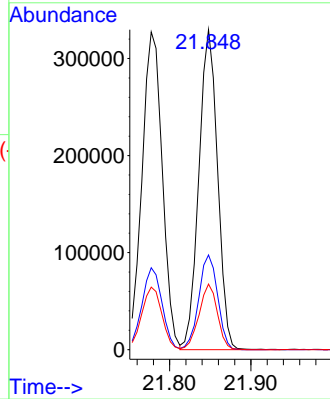
Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD



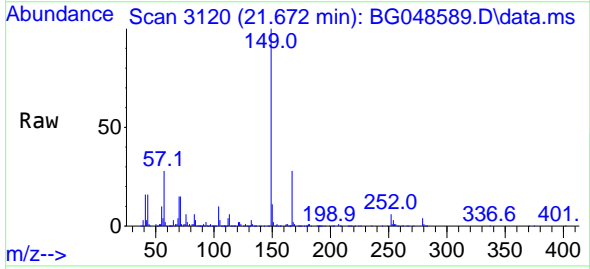
Tgt Ion: 228 Resp: 527656

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100 | | |
| 226 | 29.6 | 20.6 | 31.0 |
| 229 | 20.5 | 16.3 | 24.5 |

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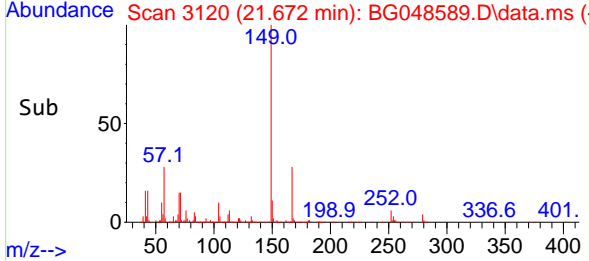
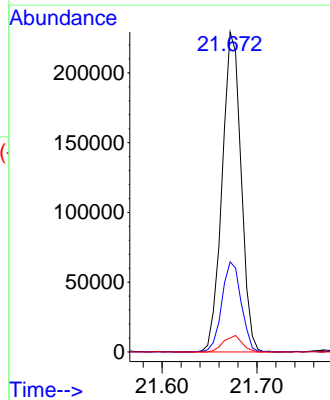


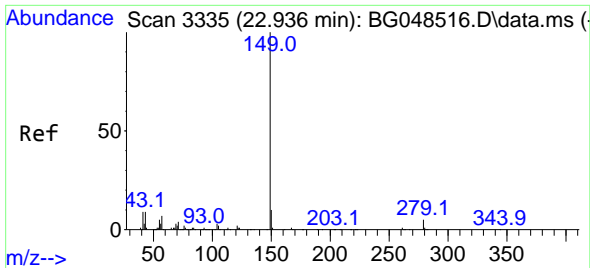
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.97 ng
 RT: 21.672 min Scan# 3120
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion: 149 Resp: 318980

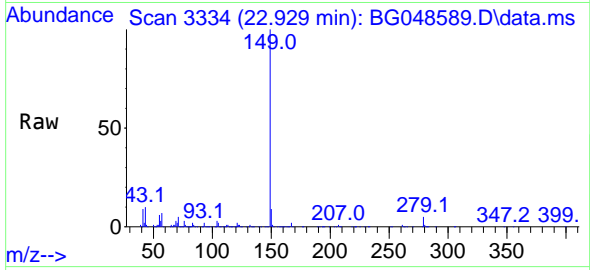
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100 | | |
| 167 | 28.2 | 22.4 | 33.6 |
| 279 | 4.3 | 3.4 | 5.2 |





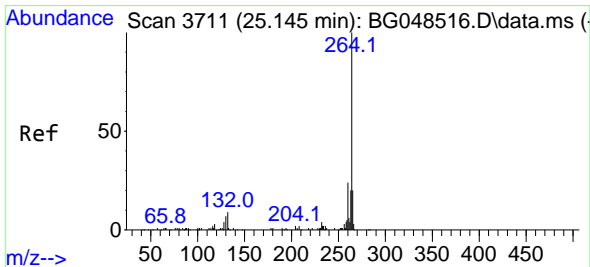
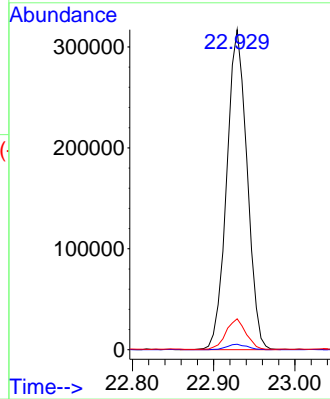
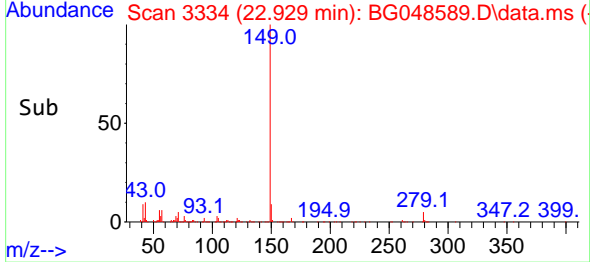
#85
 Di-n-octyl phthalate
 Concen: 48.66 ng
 RT: 22.929 min Scan# 3334
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD

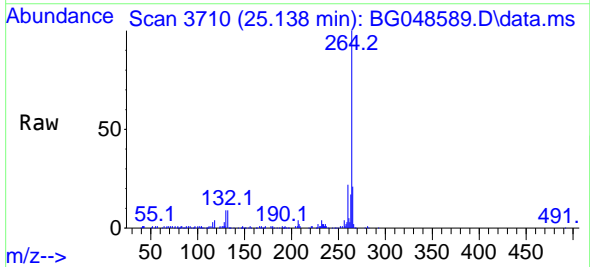


Tgt Ion:149 Resp: 552537
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.4 7.4 11.0

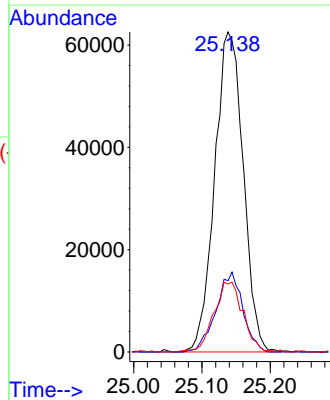
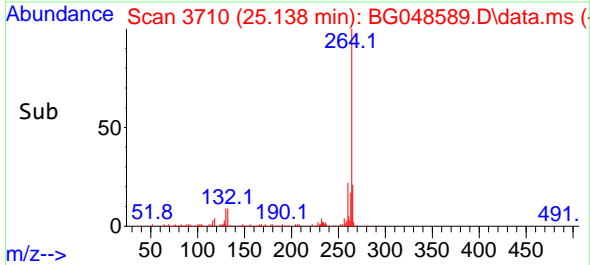
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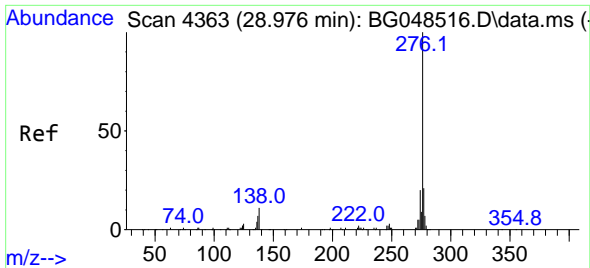


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.138 min Scan# 3710
 Delta R.T. -0.012 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



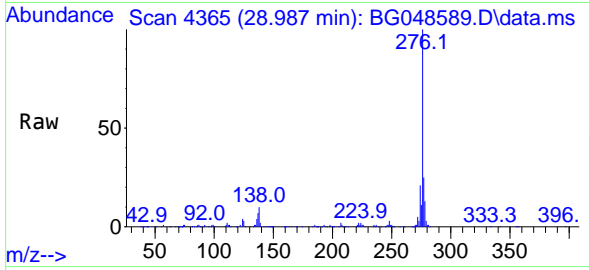
Tgt Ion:264 Resp: 182200
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.1 28.7
 265 21.3 16.1 24.1





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.39 ng
 RT: 28.987 min Scan# 4365
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

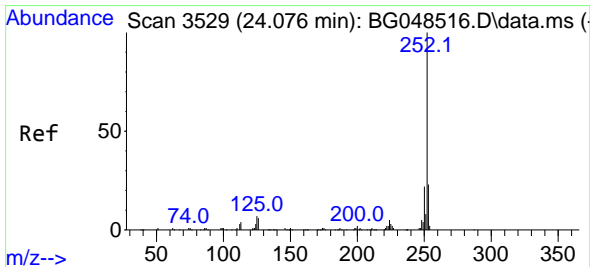
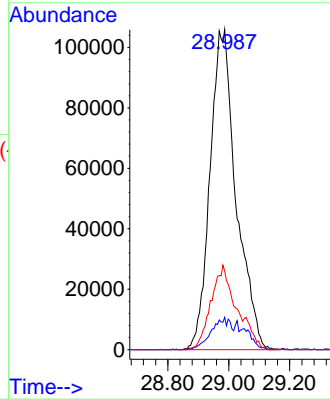
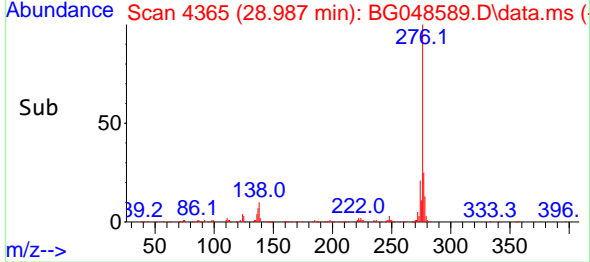
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



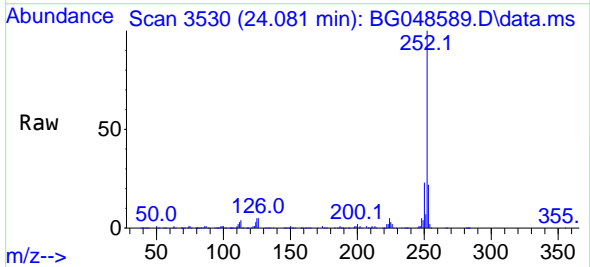
Tgt Ion:276 Resp: 630912
 Ion Ratio Lower Upper
 276 100
 138 4.8 7.8 11.8#
 277 22.8 0.0 0.0#

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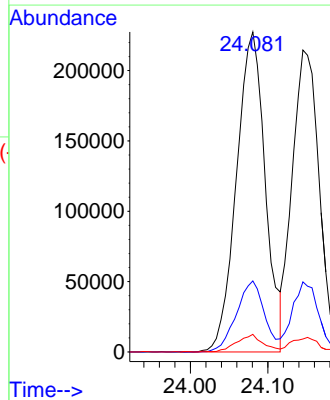
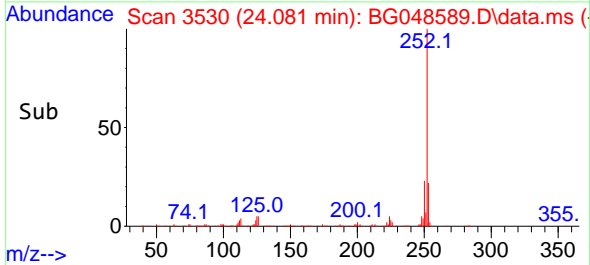
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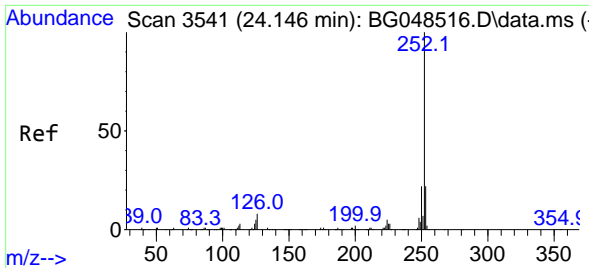


#88
 Benzo(b)fluoranthene
 Concen: 49.60 ng
 RT: 24.081 min Scan# 3530
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



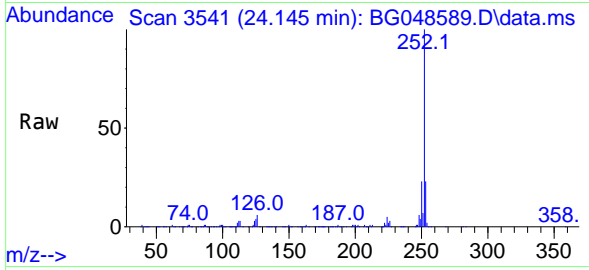
Tgt Ion:252 Resp: 586977
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.2 27.4
 125 5.5 5.3 7.9





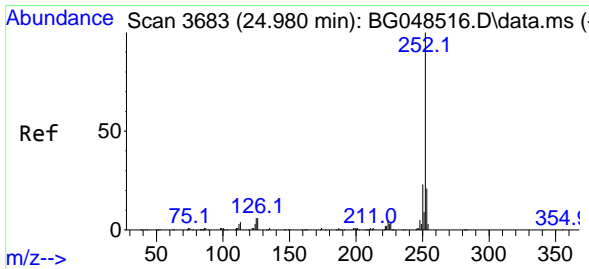
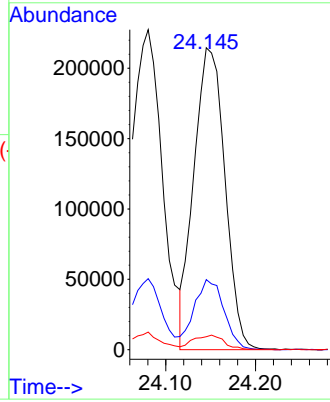
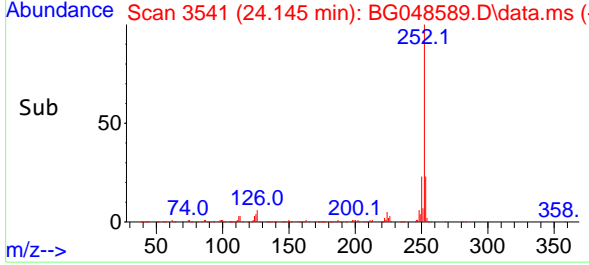
#89
 Benzo(k)fluoranthene
 Concen: 45.26 ng
 RT: 24.145 min Scan# 3541
 Delta R.T. -0.006 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

Instrument :
 BNA_G
ClientSampled :
 SB-5(3.0-3.5)MSD

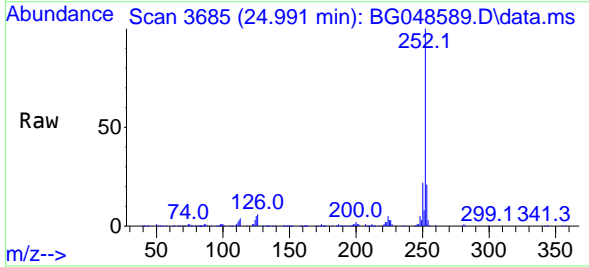


Tgt Ion:252 Resp: 514871
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.9 26.9
 125 4.3 3.9 5.9

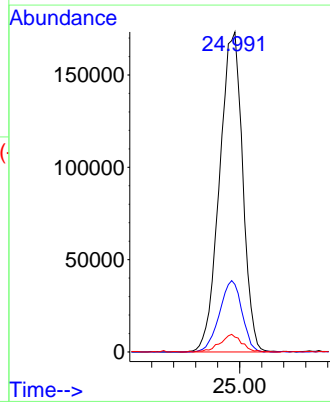
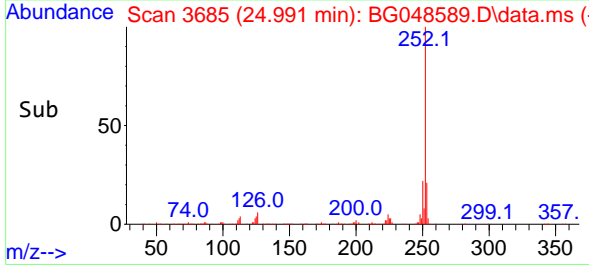
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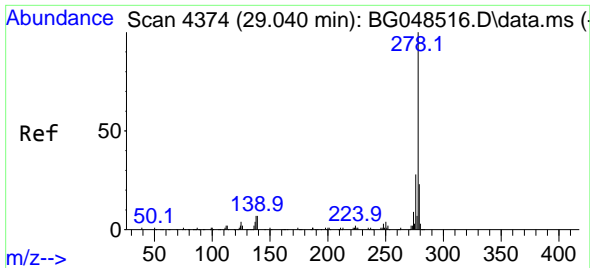


#90
 Benzo(a)pyrene
 Concen: 46.19 ng
 RT: 24.991 min Scan# 3685
 Delta R.T. -0.000 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



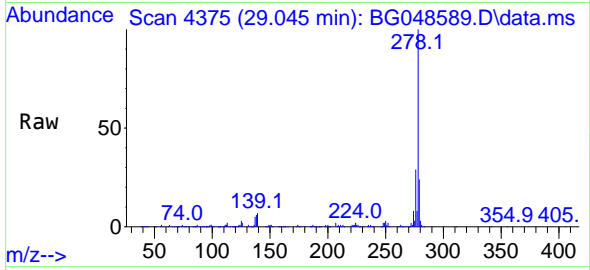
Tgt Ion:252 Resp: 503754
 Ion Ratio Lower Upper
 252 100
 253 21.1 17.1 25.7
 125 4.6 4.4 6.6





#91
 Dibenzo(a,h)anthracene
 Concen: 48.63 ng
 RT: 29.045 min Scan# 4375
 Delta R.T. -0.018 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39

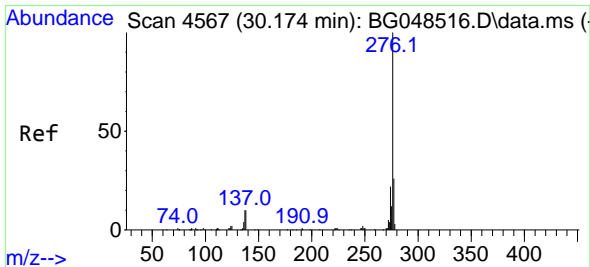
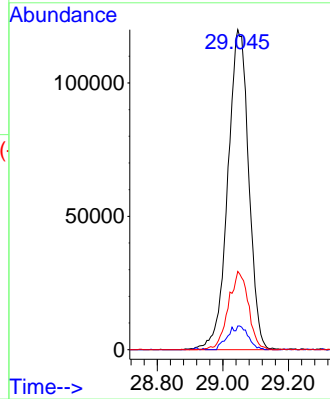
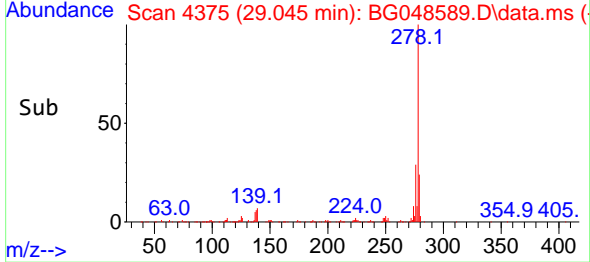
Instrument :
 BNA_G
 ClientSampleId :
 SB-5(3.0-3.5)MSD



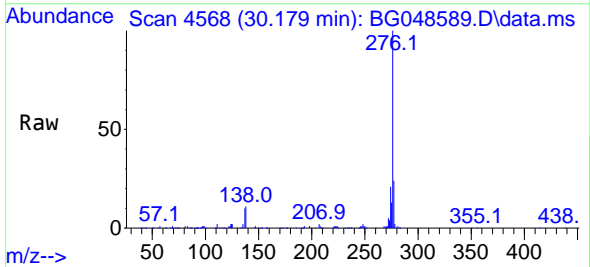
Tgt Ion:278 Resp: 530146
 Ion Ratio Lower Upper
 278 100
 139 7.4 5.8 8.6
 279 24.5 18.6 28.0

Manual Integrations
 APPROVED

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#92
 Benzo(g,h,i)perylene
 Concen: 48.33 ng
 RT: 30.179 min Scan# 4568
 Delta R.T. -0.018 min
 Lab File: BG048589.D
 Acq: 5 Apr 2021 18:39



Tgt Ion:276 Resp: 516031
 Ion Ratio Lower Upper
 276 100
 277 23.8 20.4 30.6
 138 11.0 8.1 12.1

