

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP123024\  
 Data File : BP023588.D  
 Acq On : 30 Dec 2024 14:19  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC060

Quant Time: Dec 30 16:03:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP123024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 30 15:51:25 2024  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| -----                     |        |      |          |        |       |          |
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.816  | 152  | 620559   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.593 | 136  | 2663631  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.440 | 164  | 1678057  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.245 | 188  | 3443876  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.710 | 240  | 3323037  | 20.000 | ng    | -0.01    |
| 86) Perylene-d12          | 25.157 | 264  | 3516547  | 20.000 | ng    | 0.00     |

|                             |        |     |          |         |    |       |
|-----------------------------|--------|-----|----------|---------|----|-------|
| System Monitoring Compounds |        |     |          |         |    |       |
| 5) 2-Fluorophenol           | 5.417  | 112 | 4983624  | 125.345 | ng | 0.00  |
| 7) Phenol-d6                | 6.975  | 99  | 6896784  | 127.335 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 8.958  | 82  | 5977647  | 126.642 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 15.957 | 330 | 2547202  | 131.280 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 13.051 | 172 | 13898213 | 121.545 | ng | 0.00  |
| 79) Terphenyl-d14           | 19.975 | 244 | 15431308 | 94.453  | ng | -0.01 |

|                               |        |     |          |        |         |
|-------------------------------|--------|-----|----------|--------|---------|
| Target Compounds              |        |     |          |        | Qvalue  |
| 2) 1,4-Dioxane                | 3.352  | 88  | 949751   | 59.474 | ng 100  |
| 3) Pyridine                   | 3.740  | 79  | 2859190m | 62.232 | ng      |
| 4) n-Nitrosodimethylamine     | 3.652  | 42  | 980008   | 62.624 | ng 94   |
| 6) Aniline                    | 7.152  | 93  | 2990712  | 61.619 | ng 99   |
| 8) 2-Chlorophenol             | 7.387  | 128 | 2671374  | 62.559 | ng 99   |
| 9) Benzaldehyde               | 6.958  | 77  | 1393757  | 46.078 | ng 98   |
| 10) Phenol                    | 7.005  | 94  | 3464115  | 62.880 | ng 99   |
| 11) bis(2-Chloroethyl)ether   | 7.240  | 93  | 2721120  | 61.825 | ng 98   |
| 12) 1,3-Dichlorobenzene       | 7.711  | 146 | 2972981  | 60.183 | ng 99   |
| 13) 1,4-Dichlorobenzene       | 7.852  | 146 | 3027118  | 60.413 | ng 100  |
| 14) 1,2-Dichlorobenzene       | 8.164  | 146 | 2908248  | 60.456 | ng 99   |
| 15) Benzyl Alcohol            | 8.046  | 79  | 2276710  | 64.650 | ng 99   |
| 16) 2,2'-oxybis(1-Chloropr... | 8.346  | 45  | 2749656  | 61.043 | ng 98   |
| 17) 2-Methylphenol            | 8.240  | 107 | 2250613  | 63.127 | ng 99   |
| 18) Hexachloroethane          | 8.893  | 117 | 1099557  | 61.483 | ng 96   |
| 19) n-Nitroso-di-n-propyla... | 8.616  | 70  | 2148581  | 62.784 | ng 99   |
| 20) 3+4-Methylphenols         | 8.569  | 107 | 3130792  | 64.924 | ng 99   |
| 22) Acetophenone              | 8.622  | 105 | 4216307  | 60.693 | ng # 99 |
| 24) Nitrobenzene              | 8.999  | 77  | 3094425  | 62.746 | ng 99   |
| 25) Isophorone                | 9.522  | 82  | 5908838  | 62.482 | ng 98   |
| 26) 2-Nitrophenol             | 9.705  | 139 | 1206321  | 62.453 | ng 99   |
| 27) 2,4-Dimethylphenol        | 9.758  | 122 | 1906387  | 63.225 | ng 98   |
| 28) bis(2-Chloroethoxy)met... | 10.005 | 93  | 3687437  | 62.096 | ng 99   |
| 29) 2,4-Dichlorophenol        | 10.234 | 162 | 2531918  | 66.276 | ng 100  |
| 30) 1,2,4-Trichlorobenzene    | 10.452 | 180 | 2756676  | 60.861 | ng 100  |
| 31) Naphthalene               | 10.640 | 128 | 8876599  | 60.589 | ng 99   |
| 32) Benzoic acid              | 9.899  | 122 | 1632314  | 62.741 | ng 99   |
| 33) 4-Chloroaniline           | 10.740 | 127 | 3370068  | 61.959 | ng 99   |
| 34) Hexachlorobutadiene       | 10.940 | 225 | 1616307  | 61.532 | ng 98   |
| 35) Caprolactam               | 11.516 | 113 | 975489   | 65.767 | ng 97   |
| 36) 4-Chloro-3-methylphenol   | 11.863 | 107 | 2870891  | 66.769 | ng 98   |
| 37) 2-Methylnaphthalene       | 12.252 | 142 | 6289106  | 62.377 | ng 100  |
| 38) 1-Methylnaphthalene       | 12.469 | 142 | 6099937  | 61.585 | ng 100  |
| 40) 1,2,4,5-Tetrachloroben... | 12.616 | 216 | 2962238  | 62.538 | ng 99   |
| 41) Hexachlorocyclopentadiene | 12.604 | 237 | 880857   | 65.032 | ng 100  |
| 43) 2,4,6-Trichlorophenol     | 12.852 | 196 | 1946847  | 69.104 | ng 100  |

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 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

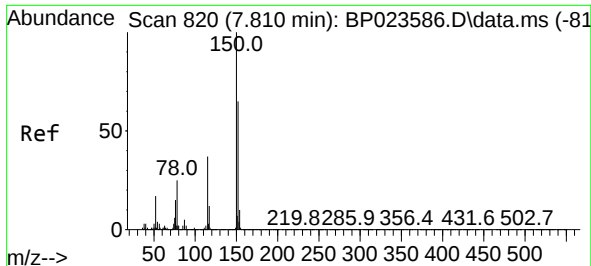
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC060

Quant Time: Dec 30 16:03:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP123024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 30 15:51:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response  | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|-----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.916 | 196  | 2215990   | 68.647 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.263 | 154  | 7715219   | 61.117 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.299 | 162  | 6112374   | 60.925 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.499 | 65   | 1631283   | 61.879 | ng    | 98       |
| 49) Acenaphthylene            | 14.157 | 152  | 9082160   | 61.748 | ng    | 99       |
| 50) Dimethylphthalate         | 13.893 | 163  | 7598430   | 62.596 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.999 | 165  | 1720638   | 70.072 | ng    | 97       |
| 52) Acenaphthene              | 14.510 | 154  | 6164441   | 62.703 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.328 | 138  | 1837392   | 69.798 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.540 | 184  | 533944    | 62.341 | ng    | 94       |
| 55) Dibenzofuran              | 14.851 | 168  | 9049032   | 61.449 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.634 | 139  | 1531441   | 69.153 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 14.798 | 165  | 2289235   | 61.873 | ng    | 96       |
| 58) Fluorene                  | 15.510 | 166  | 7605271   | 61.051 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.069 | 232  | 1840508   | 68.452 | ng    | 99       |
| 60) Diethylphthalate          | 15.287 | 149  | 7868021   | 62.763 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.504 | 204  | 3766239   | 62.285 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.516 | 138  | 2024643   | 68.958 | ng    | 98       |
| 63) Azobenzene                | 15.804 | 77   | 7275176   | 61.666 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 198  | 899006    | 63.117 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.716 | 169  | 6394417   | 61.382 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.416 | 248  | 2251646   | 61.468 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.534 | 284  | 2822135   | 62.796 | ng    | 99       |
| 69) Atrazine                  | 16.692 | 200  | 1461408   | 53.417 | ng    | 100      |
| 70) Pentachlorophenol         | 16.881 | 266  | 1789787   | 69.058 | ng    | 99       |
| 71) Phenanthrene              | 17.287 | 178  | 11254835  | 61.355 | ng    | 98       |
| 72) Anthracene                | 17.381 | 178  | 10995003  | 61.605 | ng    | 99       |
| 73) Carbazole                 | 17.663 | 167  | 11240170  | 61.517 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.269 | 149  | 12349334  | 61.105 | ng    | # 94     |
| 75) Fluoranthene              | 19.369 | 202  | 12905513  | 60.050 | ng    | 93       |
| 77) Benzidine                 | 19.563 | 184  | 3583225   | 62.924 | ng    | 99       |
| 78) Pyrene                    | 19.745 | 202  | 13142524  | 59.805 | ng    | 96       |
| 80) Butylbenzylphthalate      | 20.716 | 149  | 6233860   | 63.526 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.692 | 228  | 13769349  | 61.664 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.616 | 252  | 4857433   | 64.657 | ng    | 99       |
| 83) Chrysene                  | 21.769 | 228  | 12826965  | 61.130 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.669 | 149  | 9744732   | 70.428 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.998 | 149  | 15494088  | 70.002 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 29.092 | 276  | 15587037m | 62.927 | ng    |          |
| 88) Benzo(b)fluoranthene      | 24.080 | 252  | 14034066  | 63.550 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.151 | 252  | 13769725  | 63.864 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.998 | 252  | 12164723  | 64.134 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 29.186 | 278  | 12960204  | 62.969 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.304 | 276  | 12820035  | 62.205 | ng    | 99       |

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

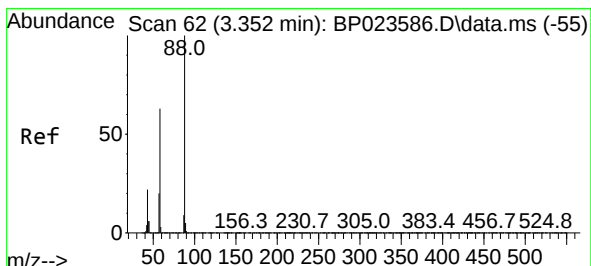
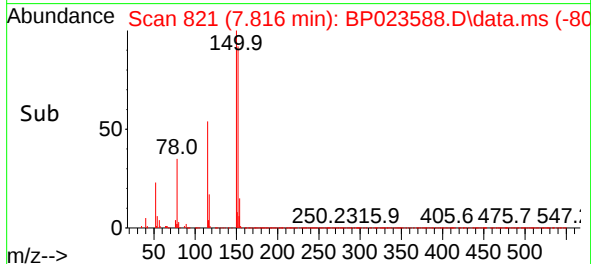
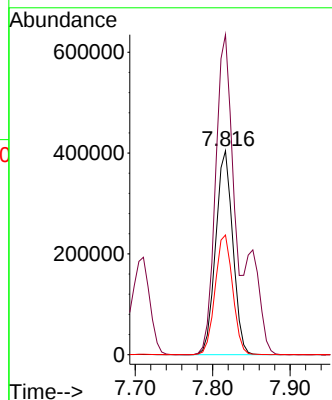
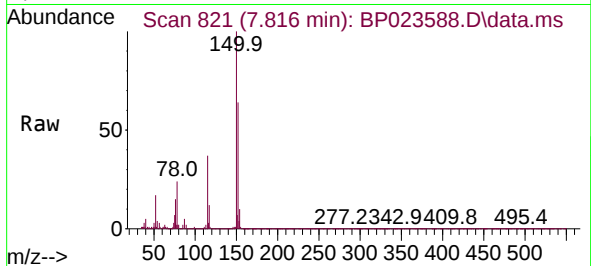




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.816 min Scan# 81  
 Delta R.T. 0.006 min  
 Lab File: BP023588.D  
 Acq: 30 Dec 2024 14:19

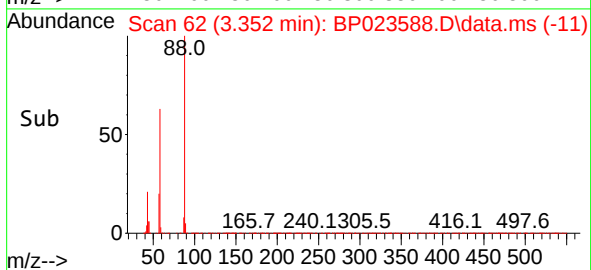
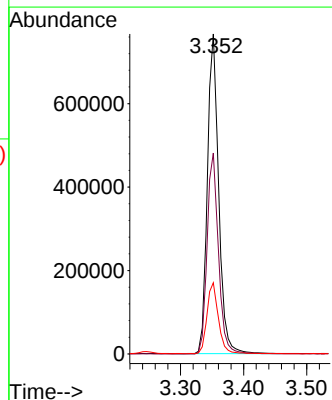
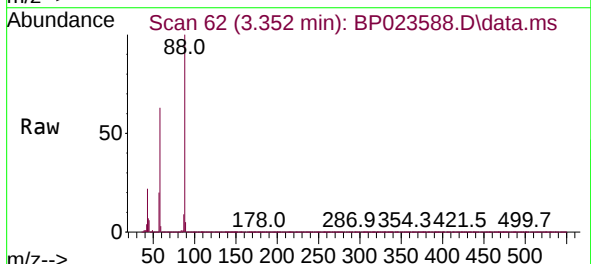
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC060

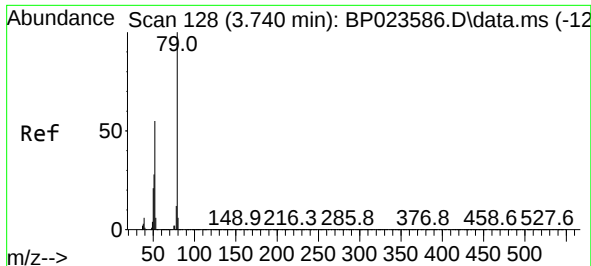
Tgt Ion:152 Resp: 620559  
 Ion Ratio Lower Upper  
 152 100  
 150 156.9 123.4 185.0  
 115 58.7 46.1 69.1



#2  
 1,4-Dioxane  
 Concen: 59.474 ng  
 RT: 3.352 min Scan# 62  
 Delta R.T. 0.000 min  
 Lab File: BP023588.D  
 Acq: 30 Dec 2024 14:19

Tgt Ion: 88 Resp: 949751  
 Ion Ratio Lower Upper  
 88 100  
 58 63.4 51.0 76.4  
 43 22.5 18.0 27.0

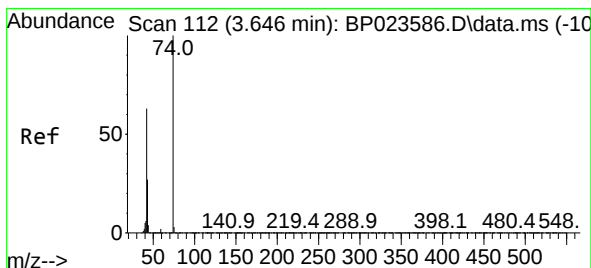
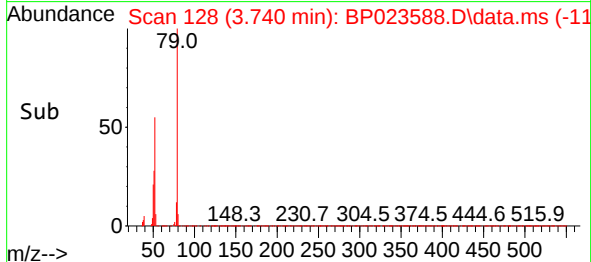
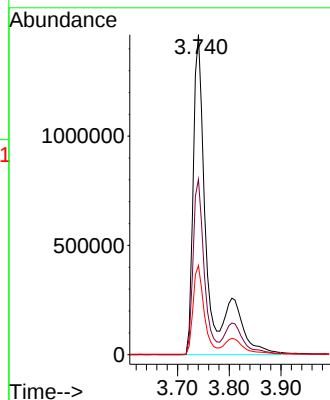
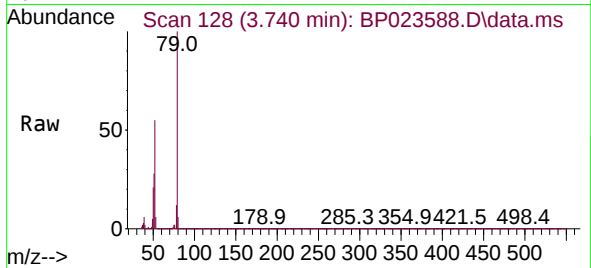




#3  
Pyridine  
Concen: 62.232 ng m  
RT: 3.740 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

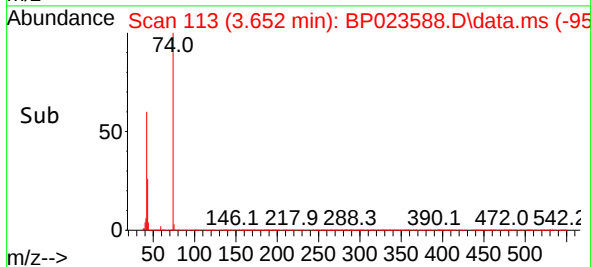
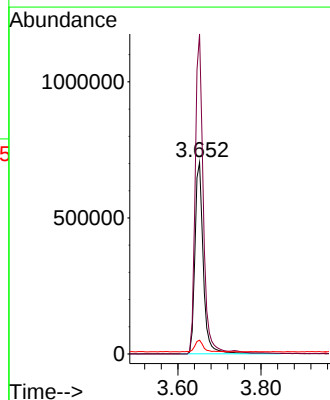
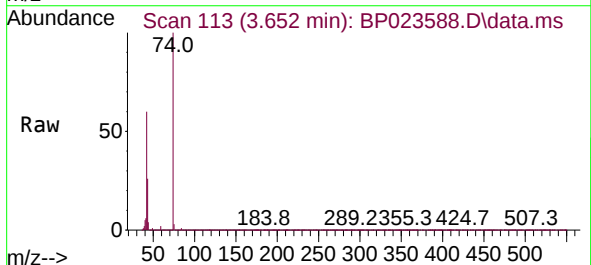
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

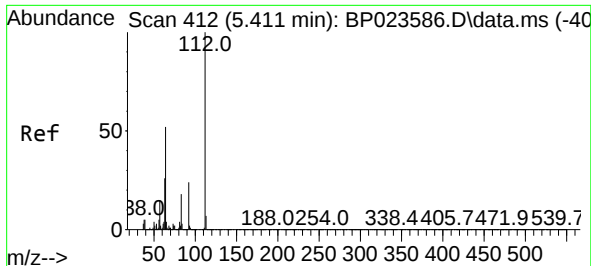
Tgt Ion: 79 Resp: 2859190  
Ion Ratio Lower Upper  
79 100  
52 54.8 43.7 65.5  
51 27.8 22.2 33.4



#4  
n-Nitrosodimethylamine  
Concen: 62.624 ng  
RT: 3.652 min Scan# 113  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion: 42 Resp: 980008  
Ion Ratio Lower Upper  
42 100  
74 167.0 126.7 190.1  
44 7.2 6.3 9.5

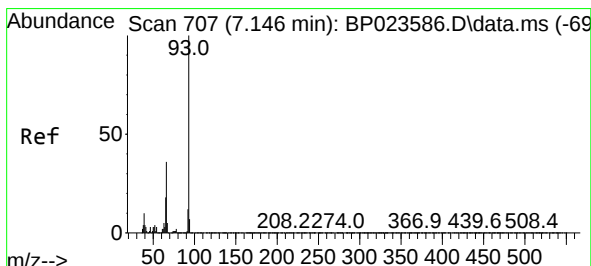
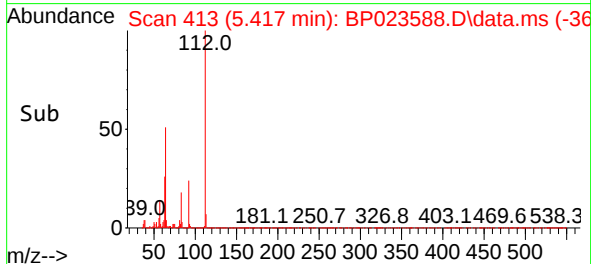
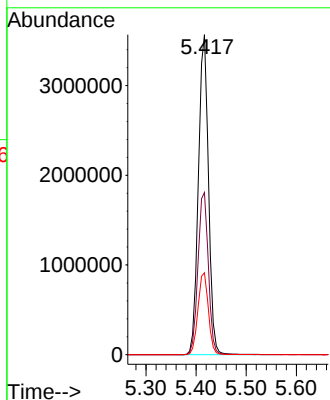
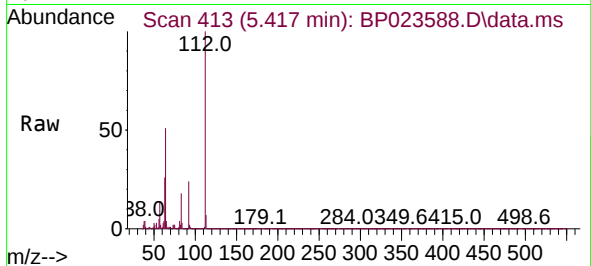




#5  
2-Fluorophenol  
Concen: 125.345 ng  
RT: 5.417 min Scan# 412  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

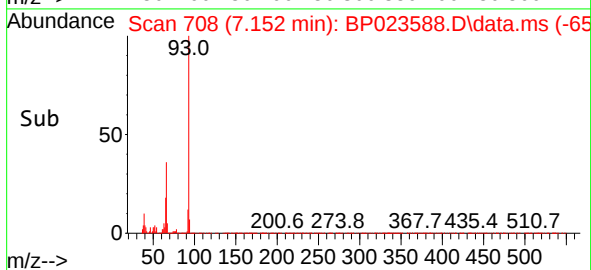
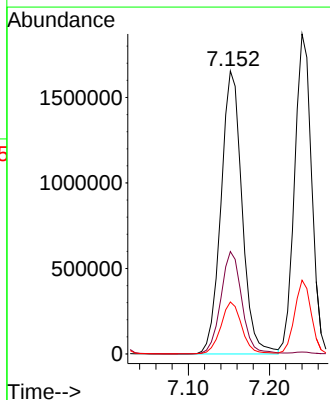
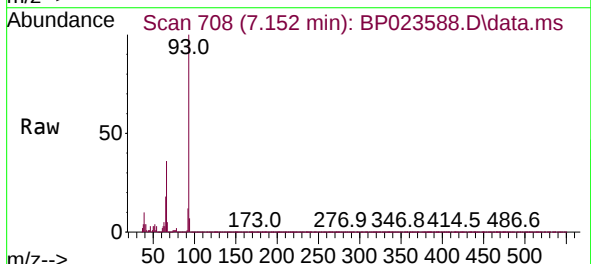
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

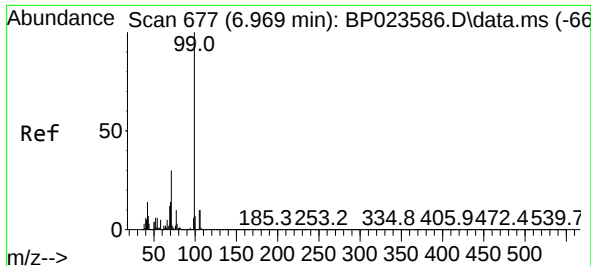
Tgt Ion:112 Resp: 4983624  
Ion Ratio Lower Upper  
112 100  
64 50.7 41.8 62.8  
63 25.6 21.2 31.8



#6  
Aniline  
Concen: 61.619 ng  
RT: 7.152 min Scan# 708  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion: 93 Resp: 2990712  
Ion Ratio Lower Upper  
93 100  
66 36.2 28.6 42.8  
65 18.4 14.6 21.8

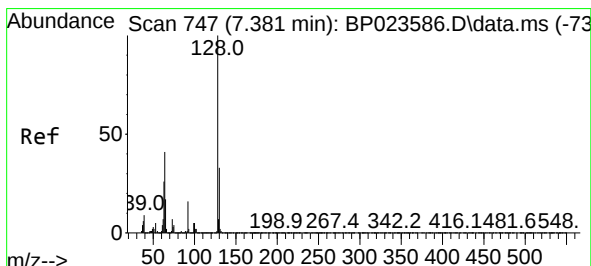
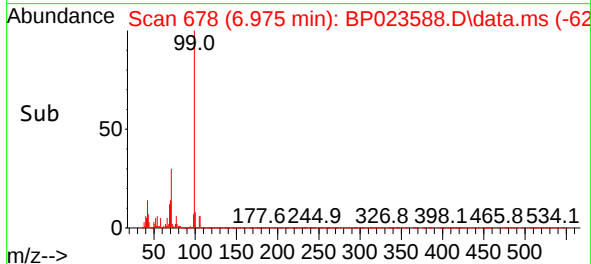
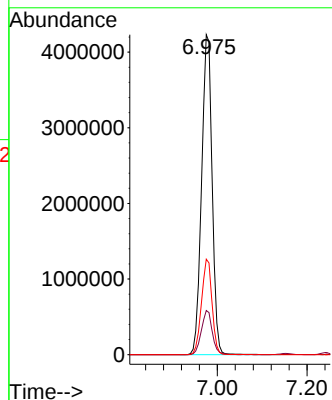
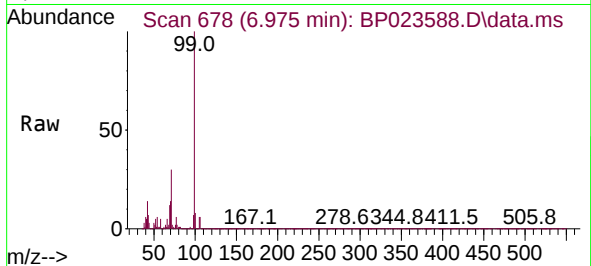




#7  
Phenol-d6  
Concen: 127.335 ng  
RT: 6.975 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

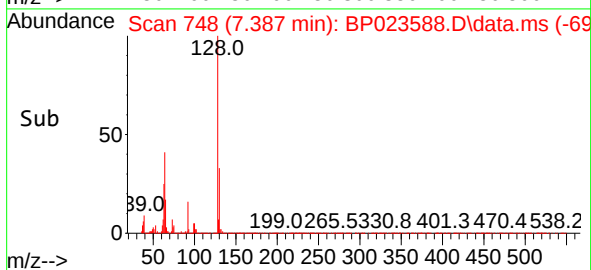
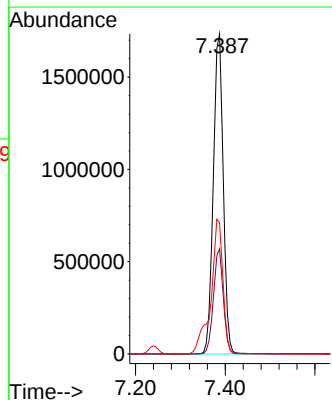
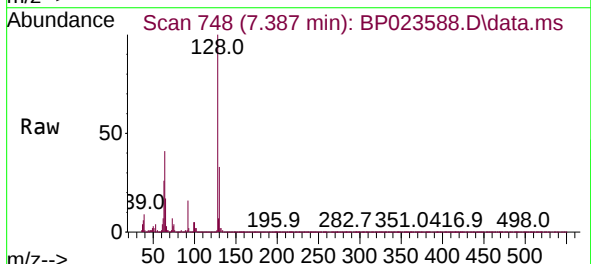
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

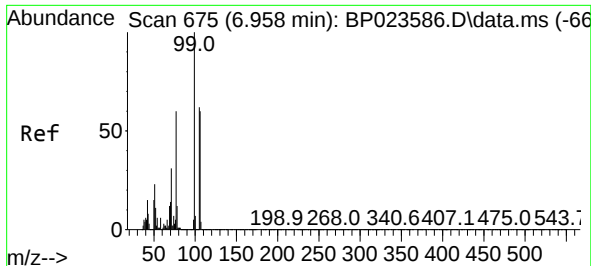
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Ion Ratio Lower Upper  
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42 13.8 11.2 16.8  
71 29.9 23.8 35.8



#8  
2-Chlorophenol  
Concen: 62.559 ng  
RT: 7.387 min Scan# 748  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:128 Resp: 2671374  
Ion Ratio Lower Upper  
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130 32.8 12.8 52.8  
64 41.0 21.6 61.6

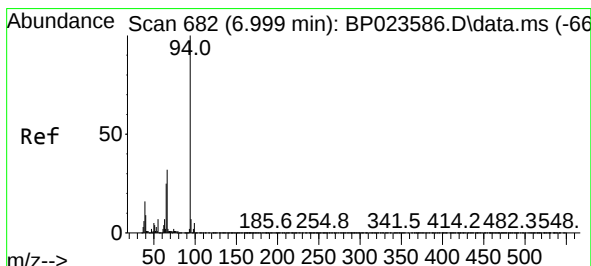
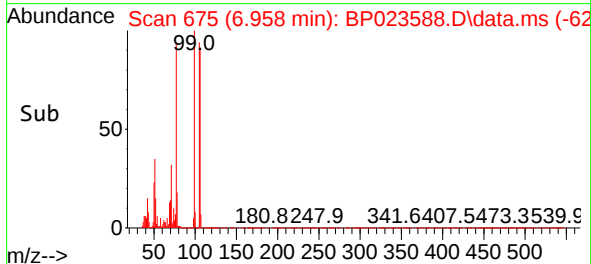
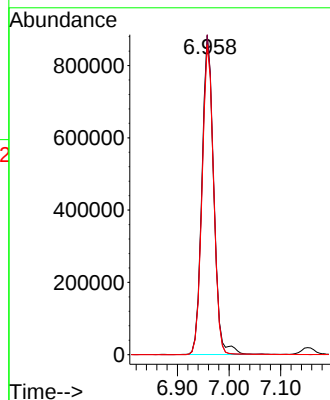
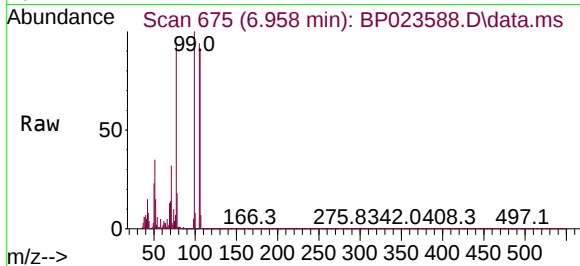




#9  
Benzaldehyde  
Concen: 46.078 ng  
RT: 6.958 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

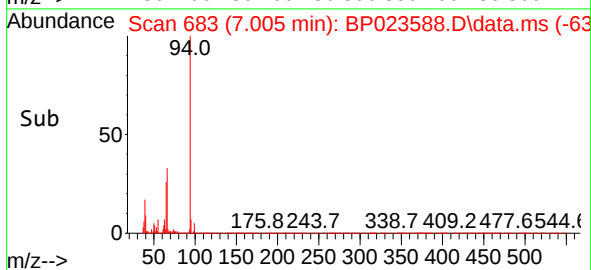
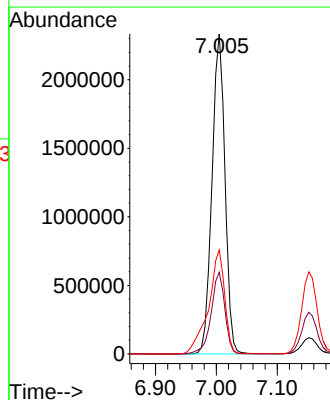
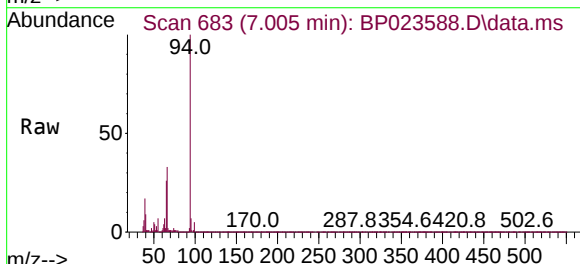
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

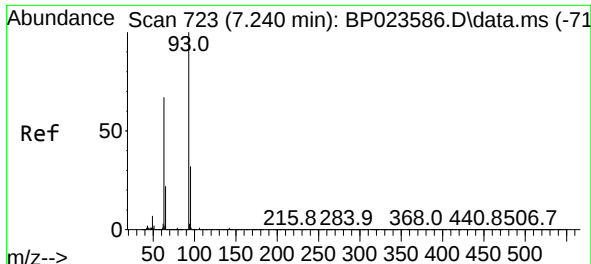
Tgt Ion: 77 Resp: 1393757  
Ion Ratio Lower Upper  
77 100  
105 100.3 82.2 122.2  
106 97.1 79.3 119.3



#10  
Phenol  
Concen: 62.880 ng  
RT: 7.005 min Scan# 683  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion: 94 Resp: 3464115  
Ion Ratio Lower Upper  
94 100  
65 25.5 5.4 45.4  
66 32.5 12.1 52.1

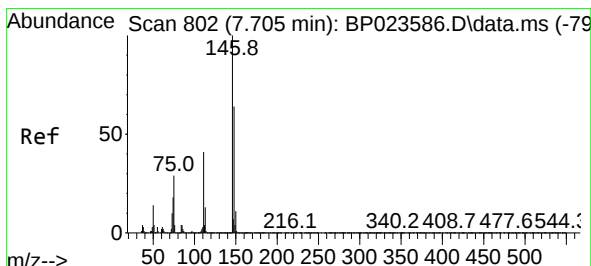
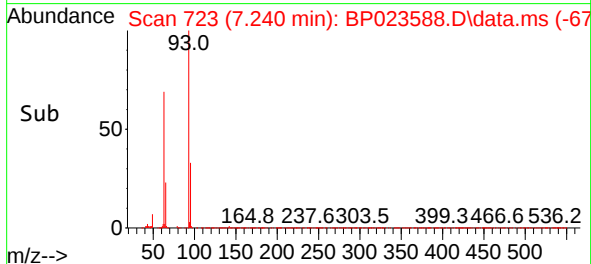
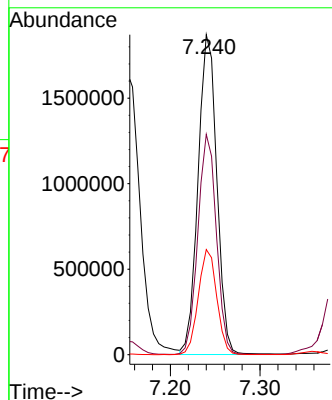
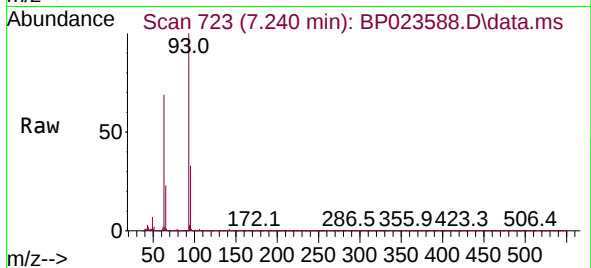




#11  
bis(2-Chloroethyl)ether  
Concen: 61.825 ng  
RT: 7.240 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

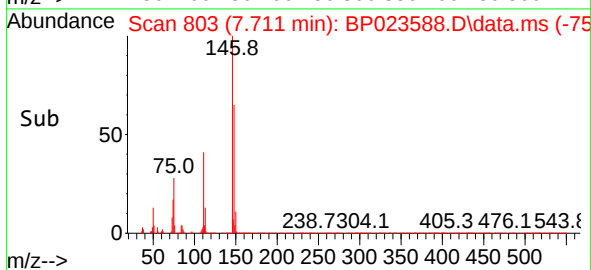
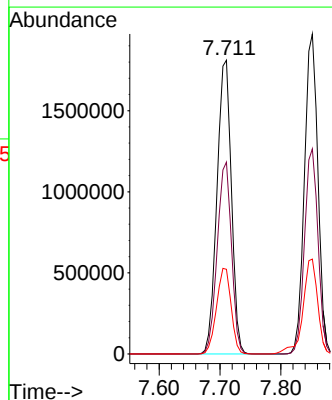
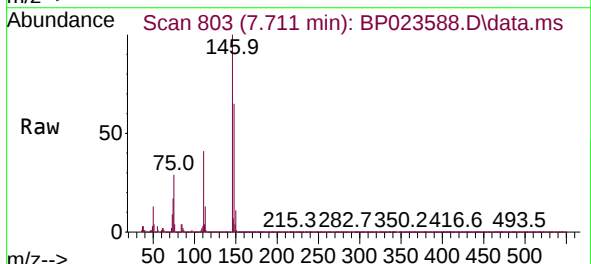
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

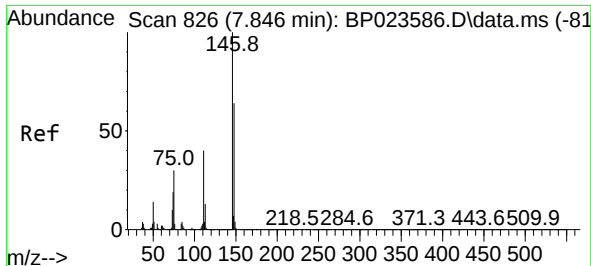
Tgt Ion: 93 Resp: 2721120  
Ion Ratio Lower Upper  
93 100  
63 68.8 47.0 87.0  
95 32.9 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 60.183 ng  
RT: 7.711 min Scan# 803  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion: 146 Resp: 2972981  
Ion Ratio Lower Upper  
146 100  
148 65.3 51.5 77.3  
75 28.8 23.4 35.0

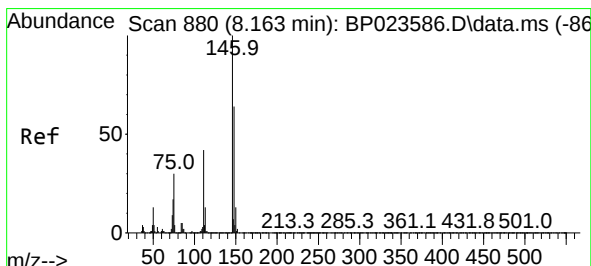
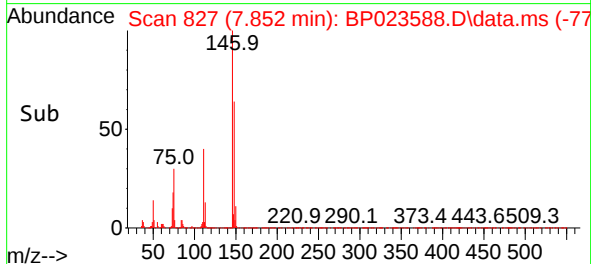
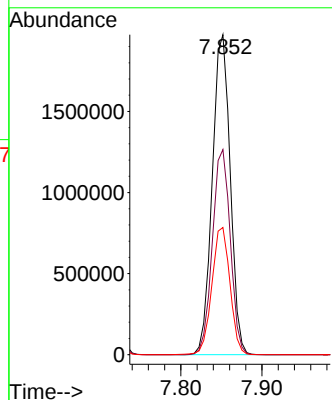
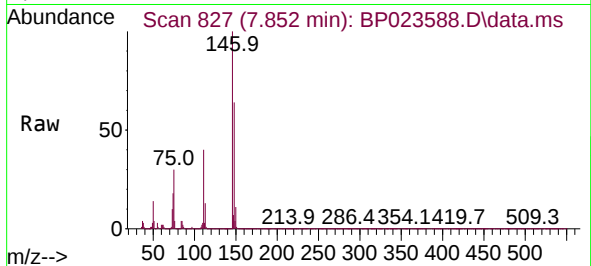




#13  
1,4-Dichlorobenzene  
Concen: 60.413 ng  
RT: 7.852 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

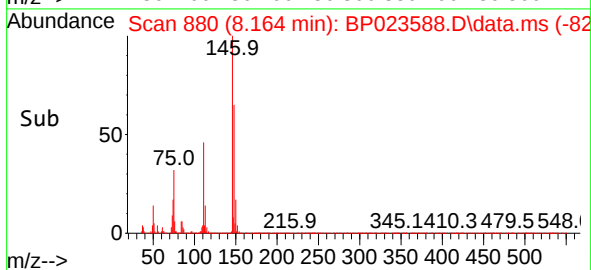
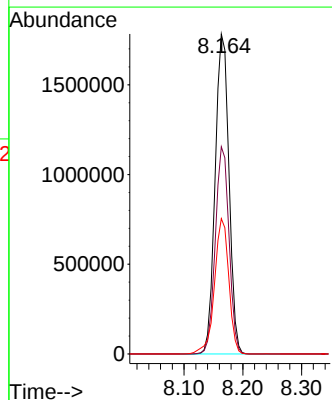
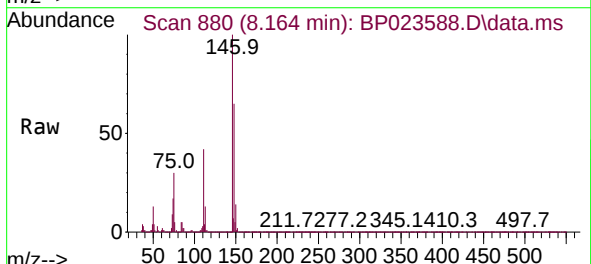
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

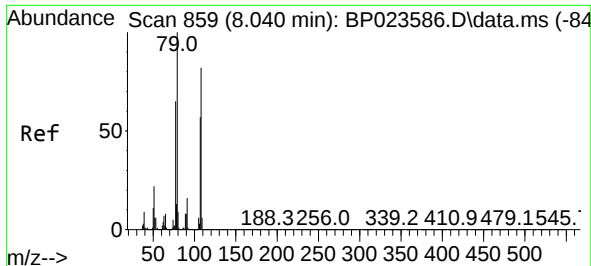
Tgt Ion:146 Resp: 3027118  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.0 76.4  
111 39.8 31.9 47.9



#14  
1,2-Dichlorobenzene  
Concen: 60.456 ng  
RT: 8.164 min Scan# 880  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:146 Resp: 2908248  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.3 76.9  
111 42.3 33.4 50.2

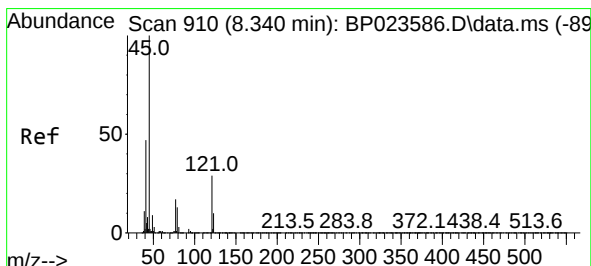
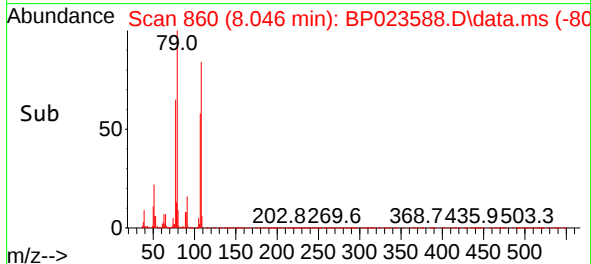
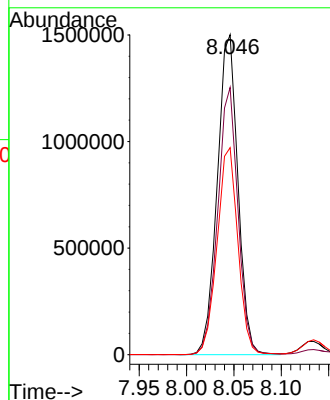
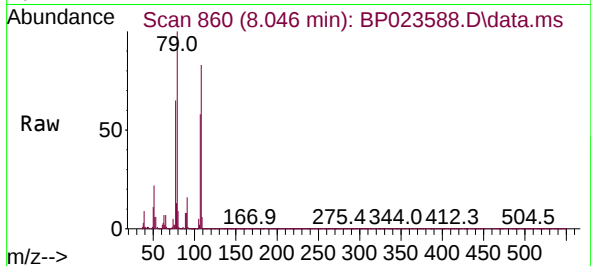




#15  
Benzyl Alcohol  
Concen: 64.650 ng  
RT: 8.046 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

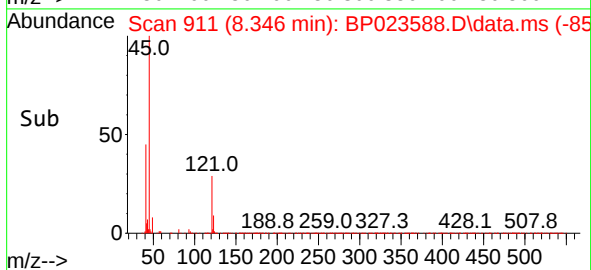
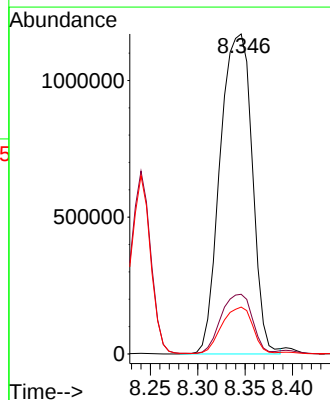
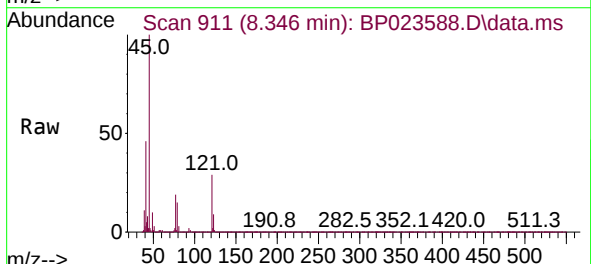
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

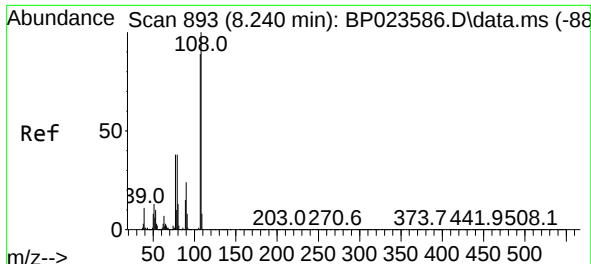
Tgt Ion: 79 Resp: 2276710  
Ion Ratio Lower Upper  
79 100  
108 83.5 65.3 97.9  
77 64.7 51.8 77.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 61.043 ng  
RT: 8.346 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion: 45 Resp: 2749656  
Ion Ratio Lower Upper  
45 100  
77 18.6 0.0 37.9  
79 14.6 0.0 34.1



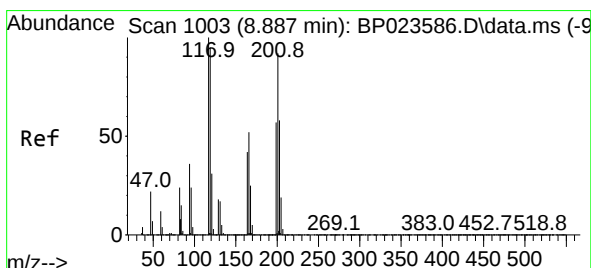
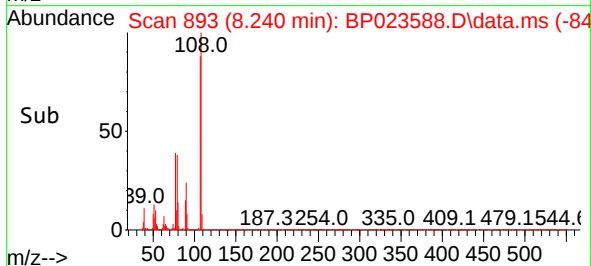
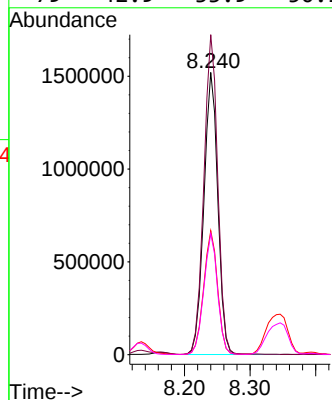
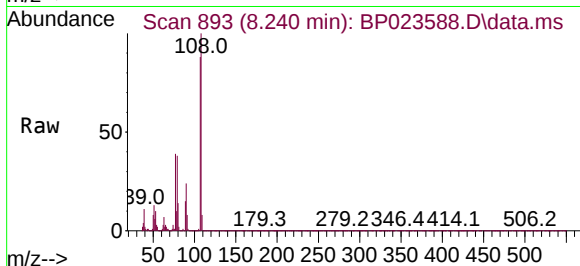


#17  
2-Methylphenol  
Concen: 63.127 ng  
RT: 8.240 min Scan# 893  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

Tgt Ion:107 Resp: 2250613

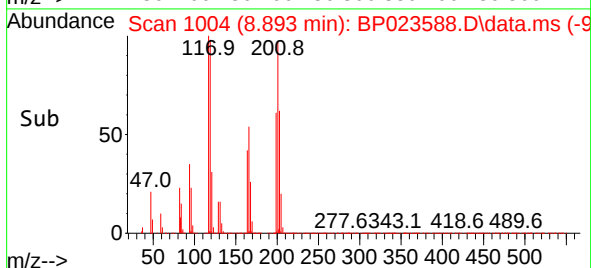
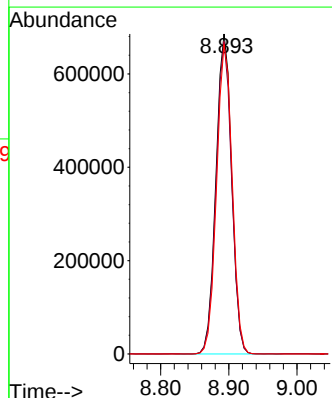
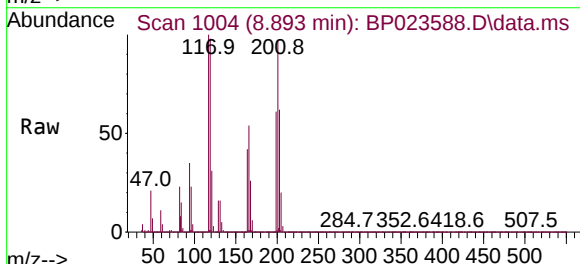
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 113.4 | 89.8  | 134.8 |
| 77  | 44.0  | 34.6  | 52.0  |
| 79  | 42.9  | 33.9  | 50.9  |

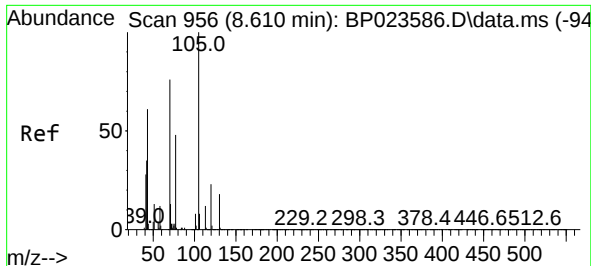


#18  
Hexachloroethane  
Concen: 61.483 ng  
RT: 8.893 min Scan# 1004  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:117 Resp: 1099557

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.7  | 76.2  | 114.4 |
| 201 | 96.6  | 73.3  | 109.9 |





#19

n-Nitroso-di-n-propylamine

Concen: 62.784 ng

RT: 8.616 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 2148581

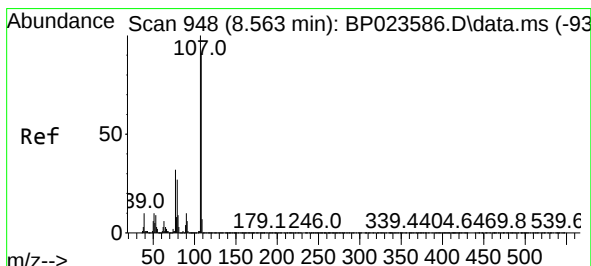
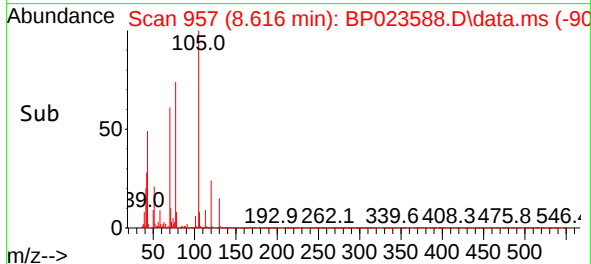
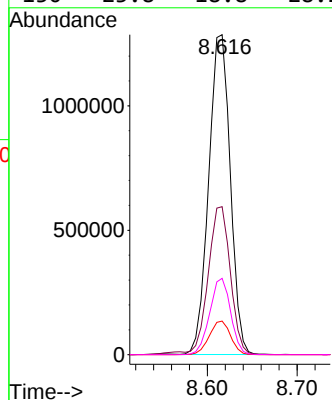
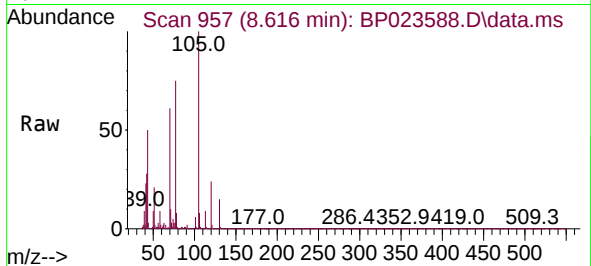
Ion Ratio Lower Upper

70 100

42 46.3 37.4 56.2

101 10.5 8.2 12.2

130 23.8 18.8 28.2



#20

3+4-Methylphenols

Concen: 64.924 ng

RT: 8.569 min Scan# 949

Delta R.T. 0.006 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Tgt Ion:107 Resp: 3130792

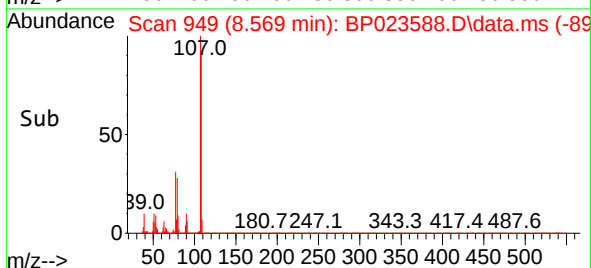
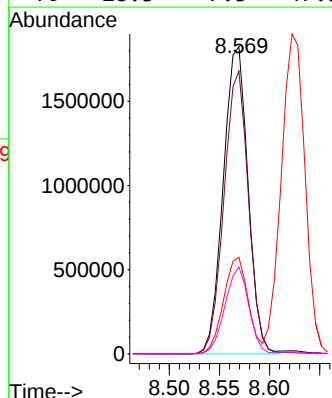
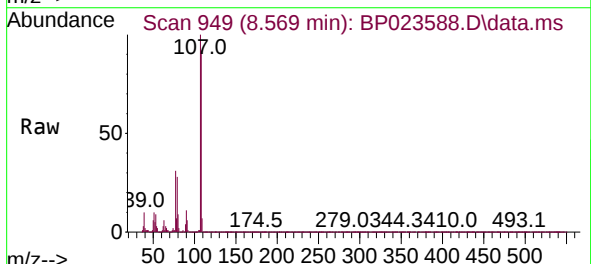
Ion Ratio Lower Upper

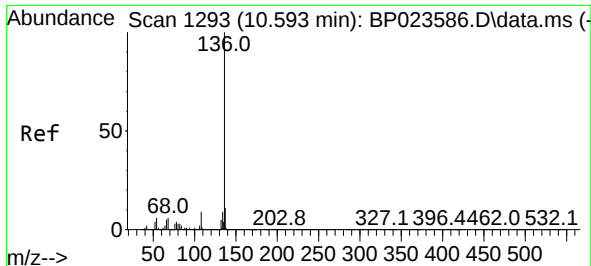
107 100

108 92.0 70.9 110.9

77 31.5 11.8 51.8

79 28.3 7.3 47.3

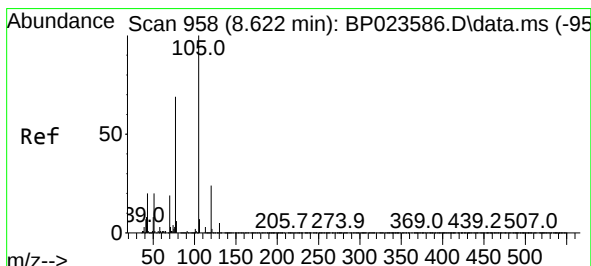
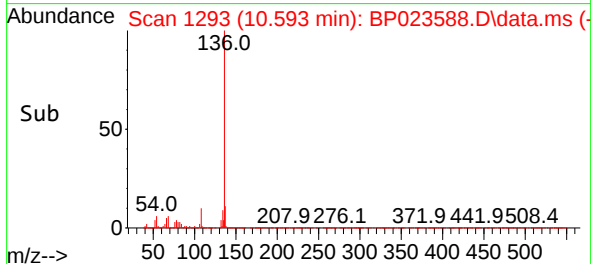
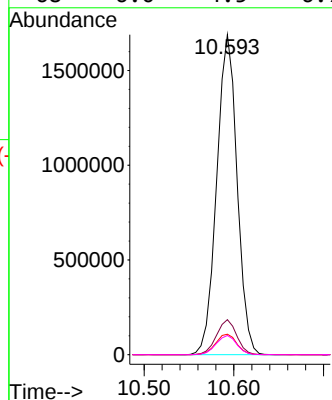
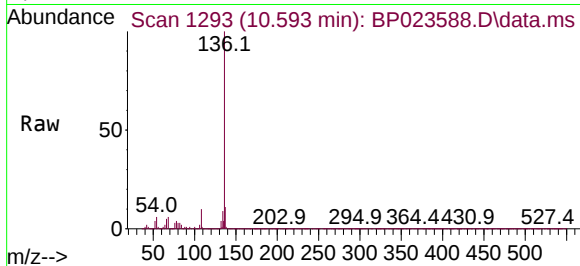




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.593 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

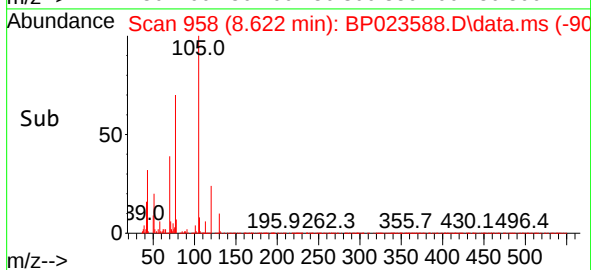
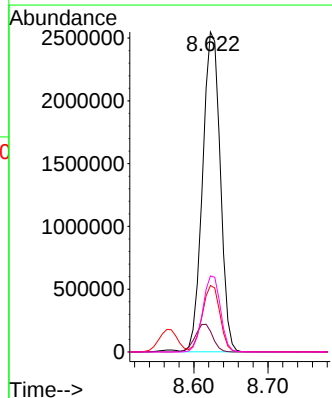
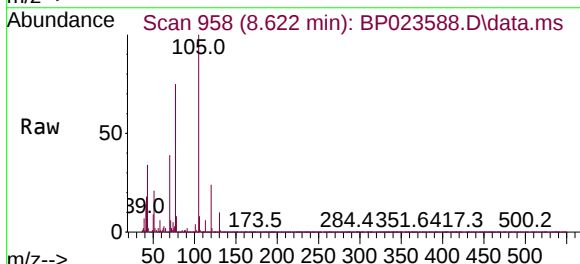
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

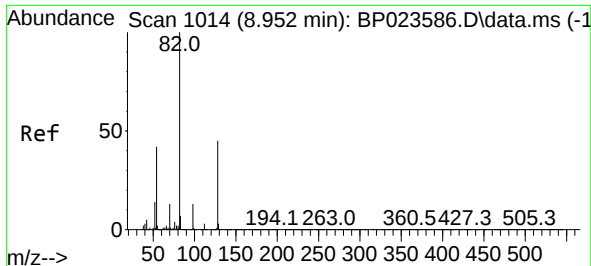
Tgt Ion:136 Resp: 2663631  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 6.4 5.2 7.8  
68 6.0 4.5 6.7



#22  
Acetophenone  
Concen: 60.693 ng  
RT: 8.622 min Scan# 958  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:105 Resp: 4216307  
Ion Ratio Lower Upper  
105 100  
71 6.5 2.6 4.0#  
51 20.8 16.9 25.3  
120 23.7 19.2 28.8

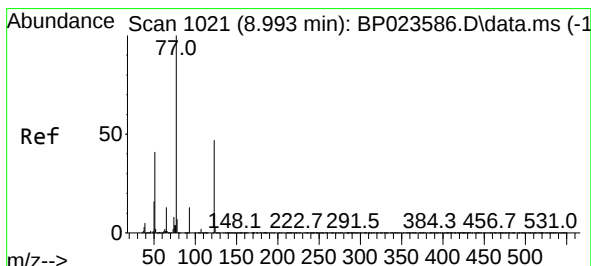
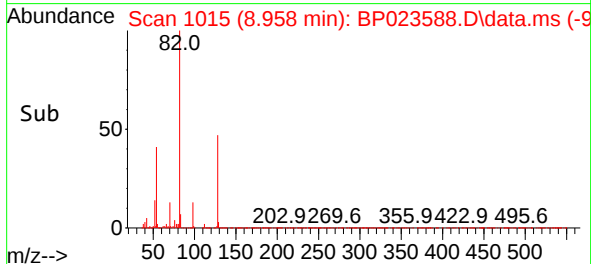
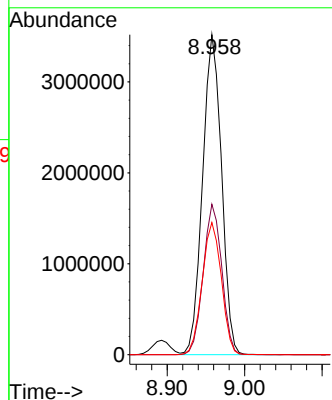
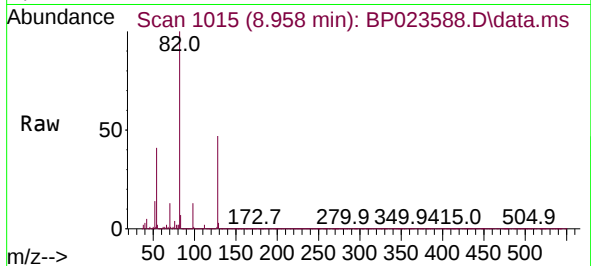




#23  
Nitrobenzene-d5  
Concen: 126.642 ng  
RT: 8.958 min Scan# 1015  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

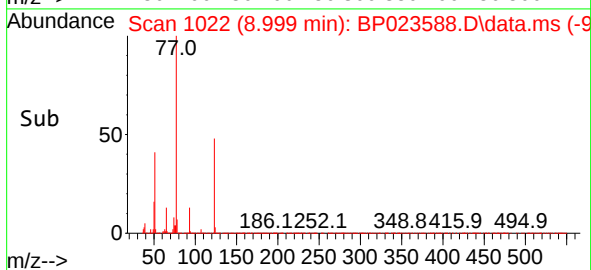
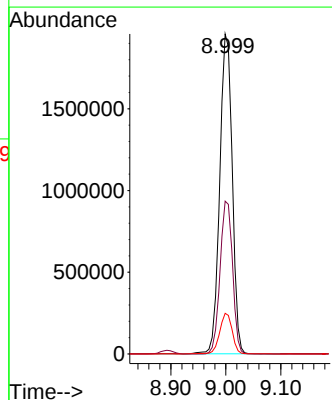
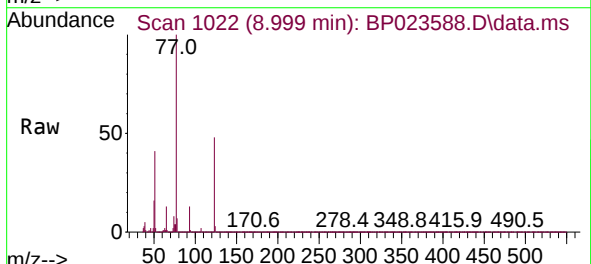
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

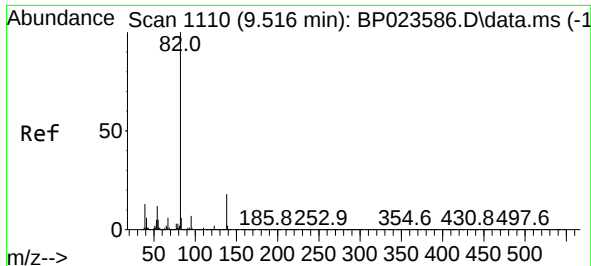
Tgt Ion: 82 Resp: 5977647  
Ion Ratio Lower Upper  
82 100  
128 47.0 36.0 54.0  
54 41.3 33.5 50.3



#24  
Nitrobenzene  
Concen: 62.746 ng  
RT: 8.999 min Scan# 1022  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion: 77 Resp: 3094425  
Ion Ratio Lower Upper  
77 100  
123 47.8 37.8 56.6  
65 12.7 10.2 15.2

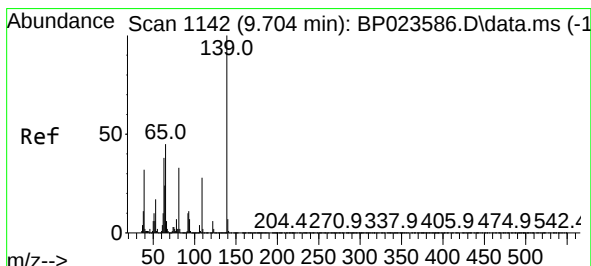
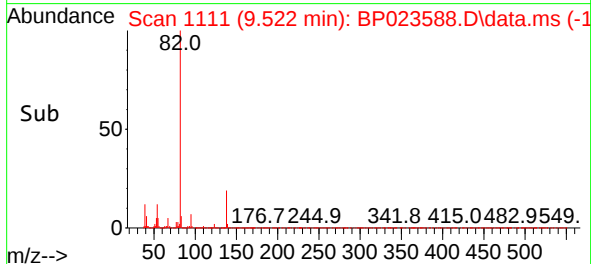
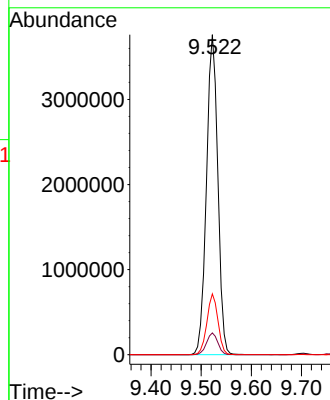
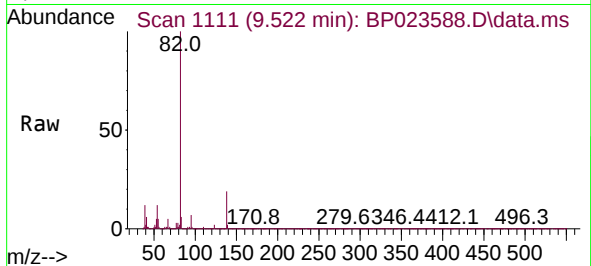




#25  
Isophorone  
Concen: 62.482 ng  
RT: 9.522 min Scan# 1111  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

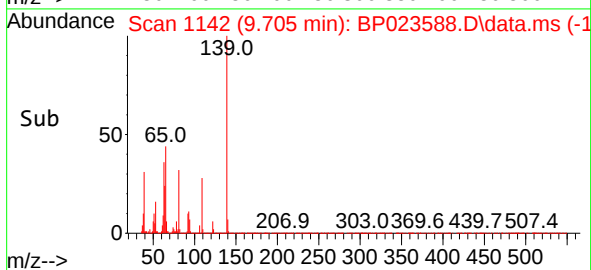
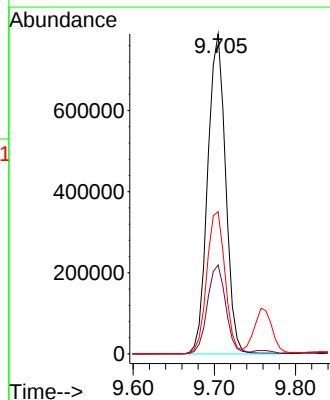
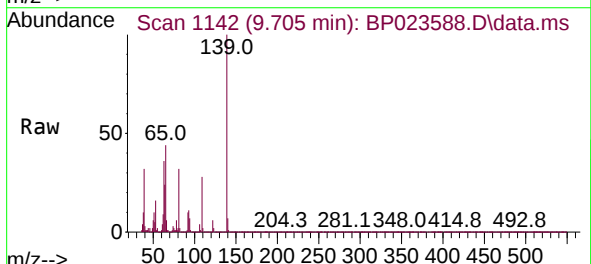
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

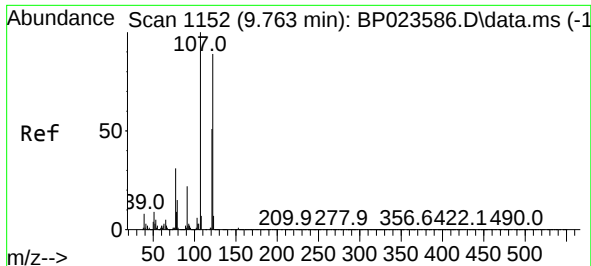
Tgt Ion: 82 Resp: 5908838  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.4 8.2  
138 19.0 14.3 21.5



#26  
2-Nitrophenol  
Concen: 62.453 ng  
RT: 9.705 min Scan# 1142  
Delta R.T. 0.001 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion: 139 Resp: 1206321  
Ion Ratio Lower Upper  
139 100  
109 27.8 22.8 34.2  
65 44.5 36.3 54.5

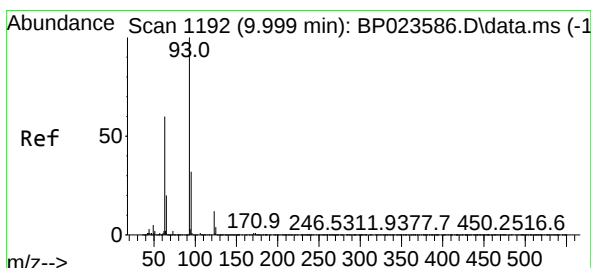
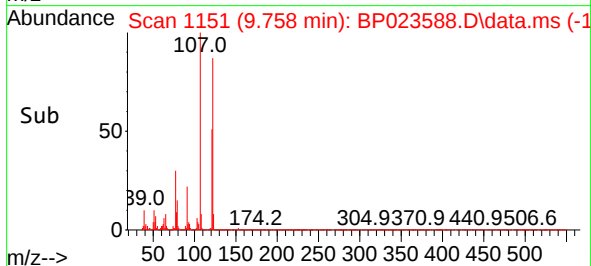
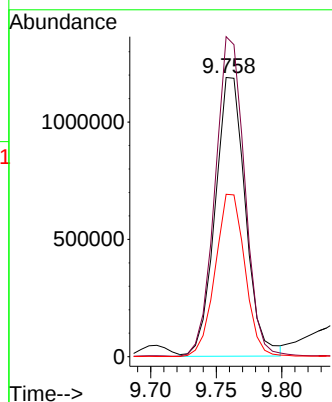
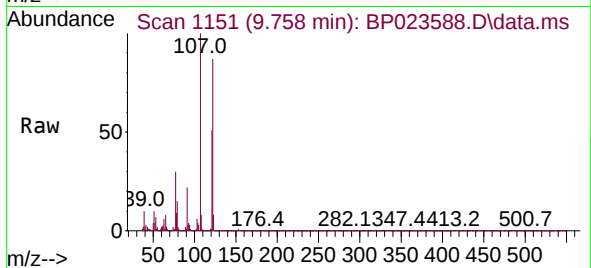




#27  
2,4-Dimethylphenol  
Concen: 63.225 ng  
RT: 9.758 min Scan# 1151  
Delta R.T. -0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

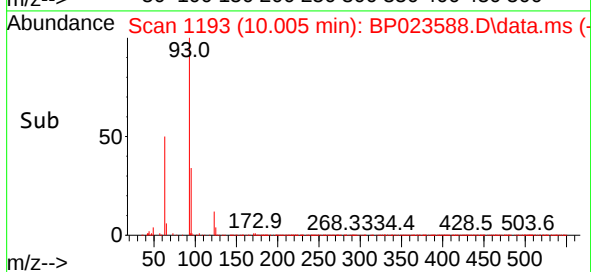
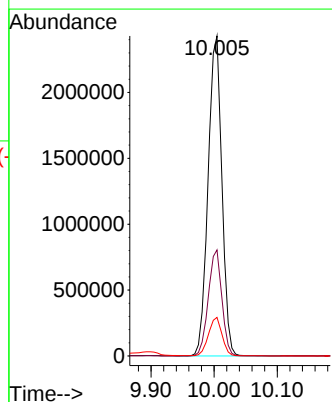
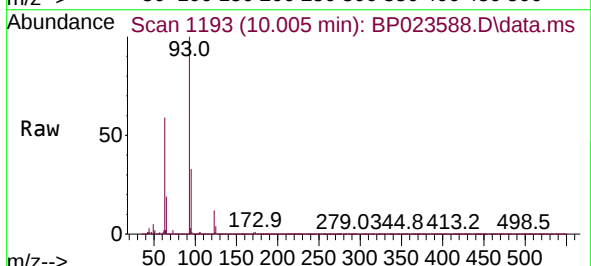
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

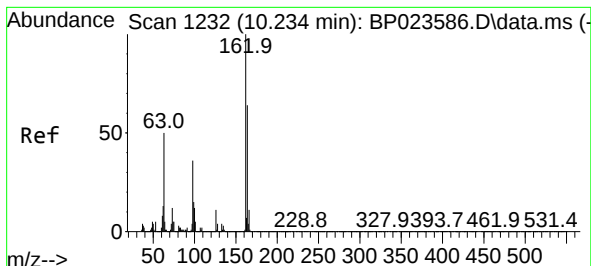
Tgt Ion:122 Resp: 1906387  
Ion Ratio Lower Upper  
122 100  
107 114.6 89.3 133.9  
121 58.2 45.8 68.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 62.096 ng  
RT: 10.005 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion: 93 Resp: 3687437  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.0 39.0  
123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 66.276 ng

RT: 10.234 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

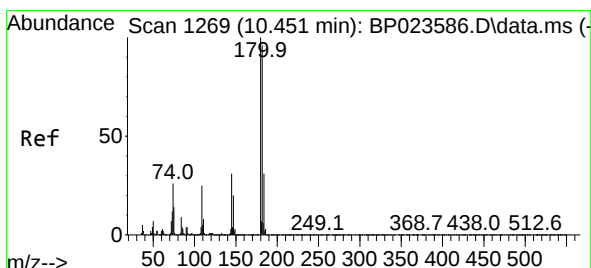
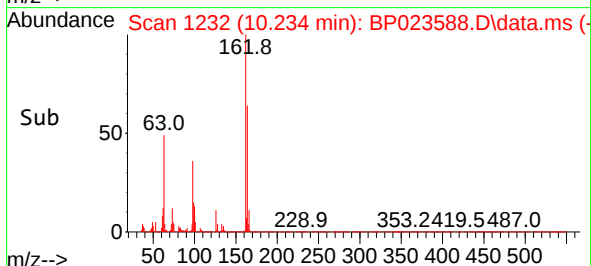
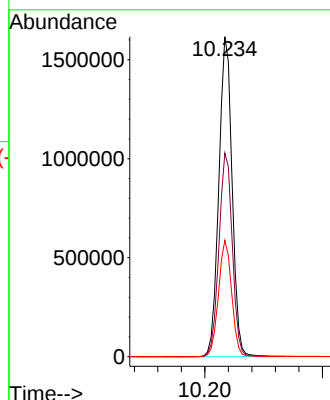
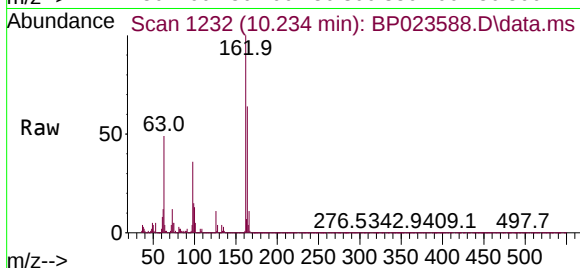
Tgt Ion:162 Resp: 2531918

Ion Ratio Lower Upper

162 100

164 63.6 43.7 83.7

98 36.4 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 60.861 ng

RT: 10.452 min Scan# 1269

Delta R.T. 0.000 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

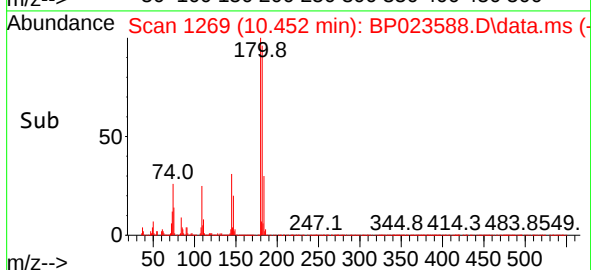
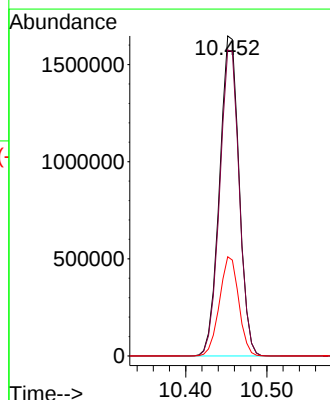
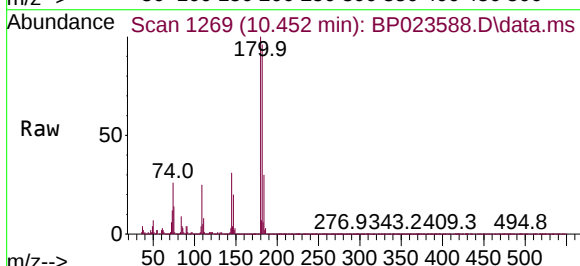
Tgt Ion:180 Resp: 2756676

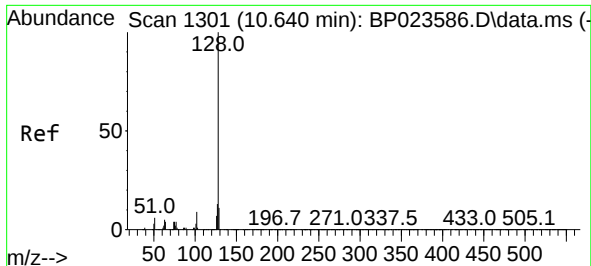
Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

145 31.0 24.7 37.1

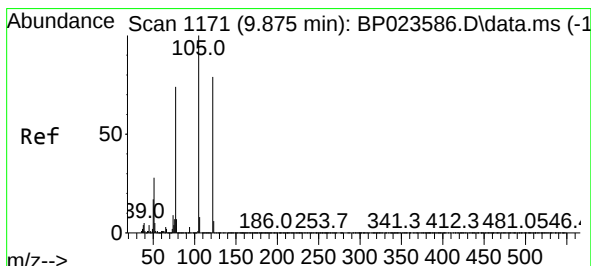
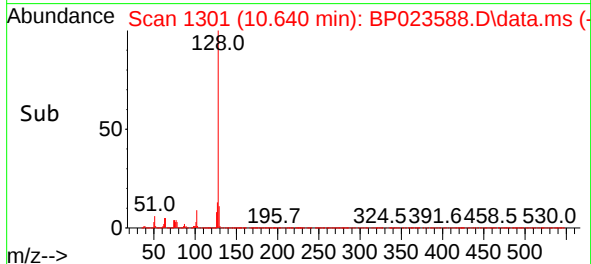
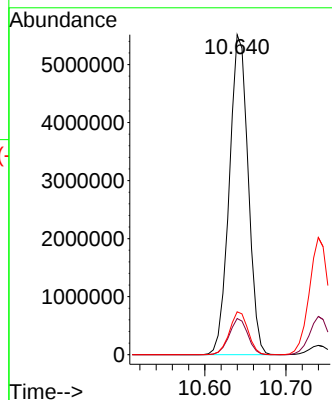
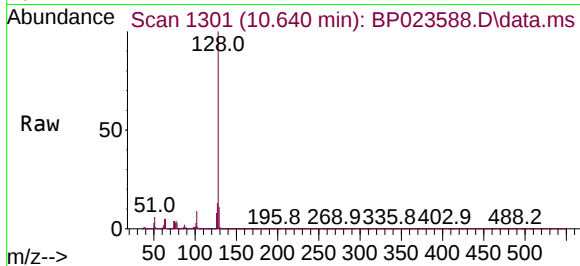




#31  
Naphthalene  
Concen: 60.589 ng  
RT: 10.640 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

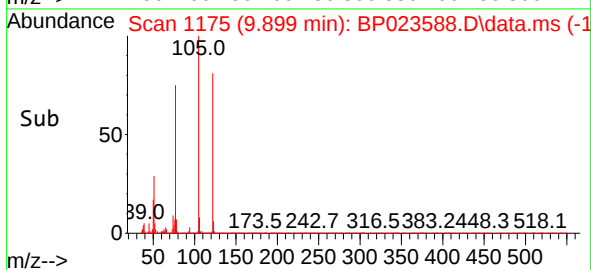
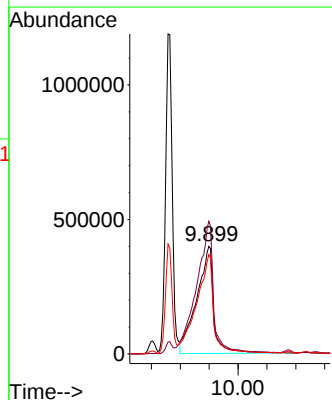
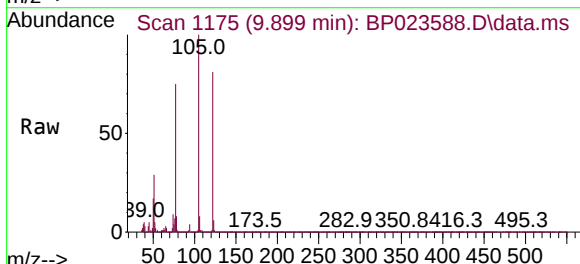
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

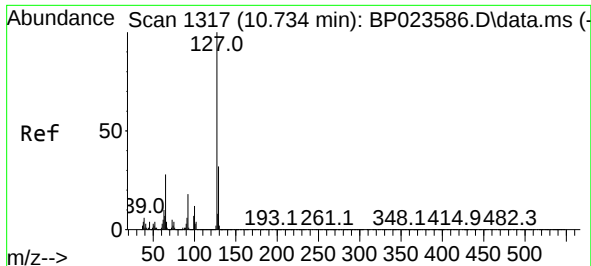
Tgt Ion:128 Resp: 8876599  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.4 10.3 15.5



#32  
Benzoic acid  
Concen: 62.741 ng  
RT: 9.899 min Scan# 1175  
Delta R.T. 0.024 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:122 Resp: 1632314  
Ion Ratio Lower Upper  
122 100  
105 123.4 102.6 142.6  
77 92.4 71.7 111.7



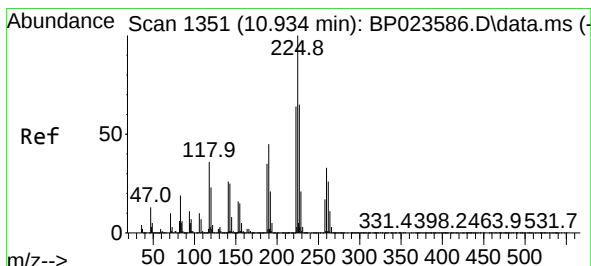
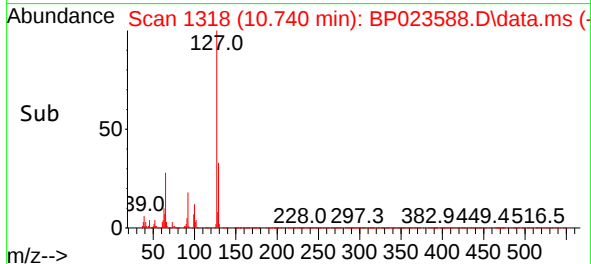
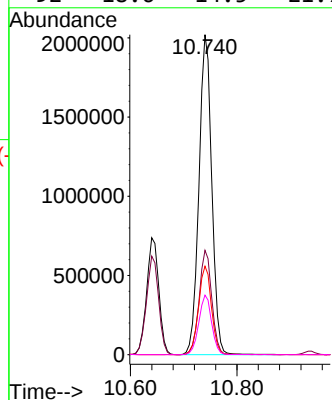
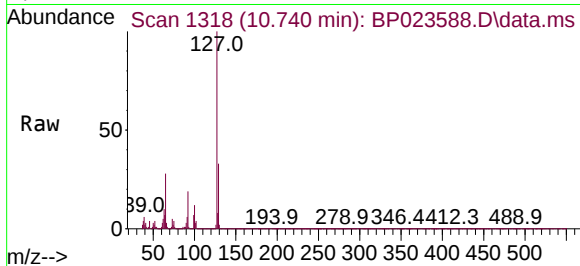


#33  
4-Chloroaniline  
Concen: 61.959 ng  
RT: 10.740 min Scan# 1318  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

Tgt Ion:127 Resp: 3370068

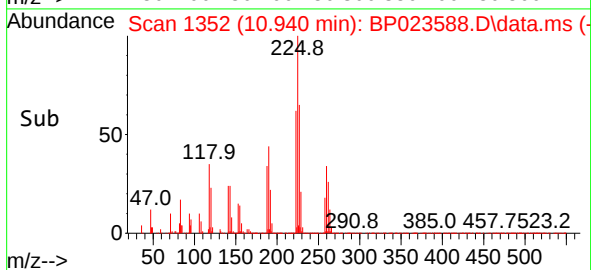
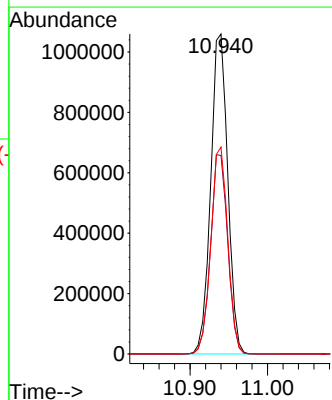
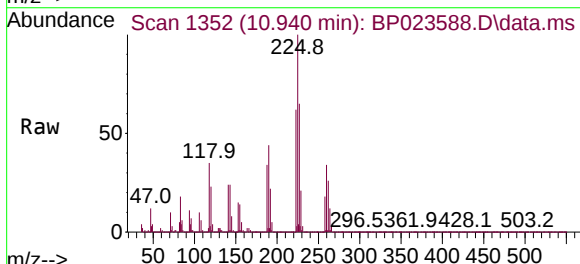
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.6  | 25.6  | 38.4  |
| 65  | 27.7  | 22.1  | 33.1  |
| 92  | 18.6  | 14.5  | 21.7  |

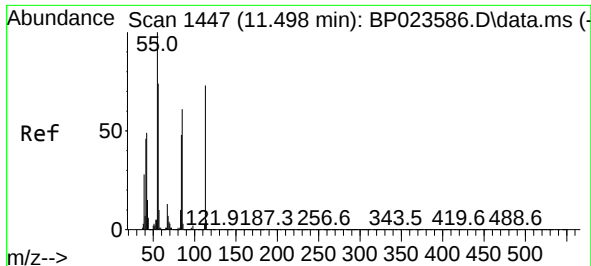


#34  
Hexachlorobutadiene  
Concen: 61.532 ng  
RT: 10.940 min Scan# 1352  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:225 Resp: 1616307

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.1  | 51.3  | 76.9  |
| 227 | 64.7  | 52.4  | 78.6  |

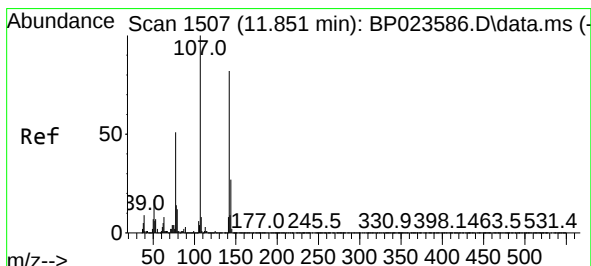
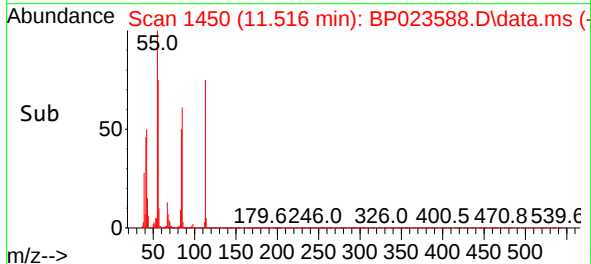
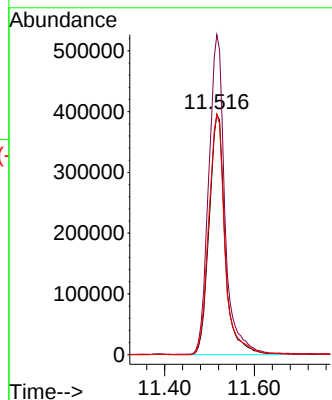
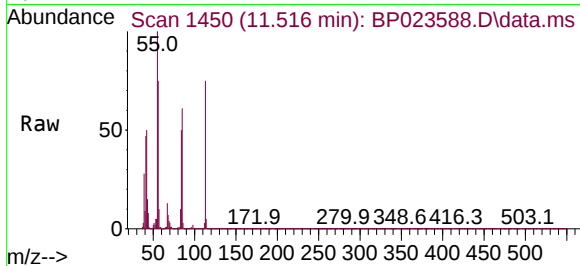




#35  
Caprolactam  
Concen: 65.767 ng  
RT: 11.516 min Scan# 1447  
Delta R.T. 0.018 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

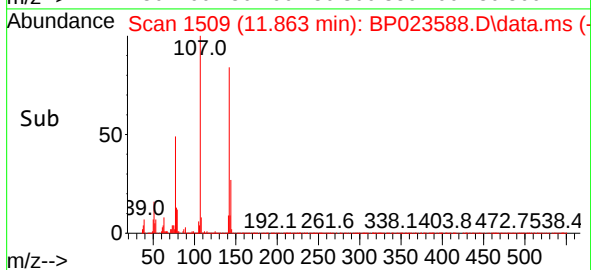
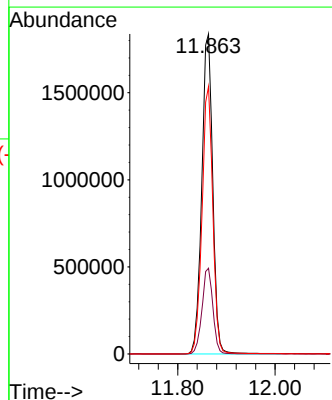
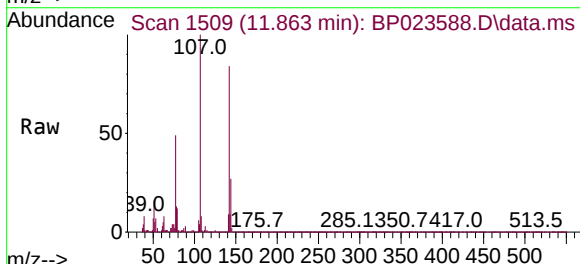
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

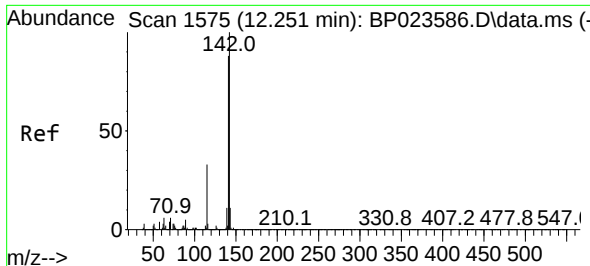
Tgt Ion:113 Resp: 975489  
Ion Ratio Lower Upper  
113 100  
55 133.1 117.2 157.2  
56 99.9 81.8 121.8



#36  
4-Chloro-3-methylphenol  
Concen: 66.769 ng  
RT: 11.863 min Scan# 1509  
Delta R.T. 0.012 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:107 Resp: 2870891  
Ion Ratio Lower Upper  
107 100  
144 26.8 21.4 32.0  
142 83.6 65.4 98.0

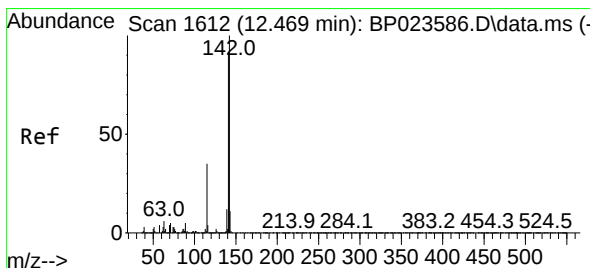
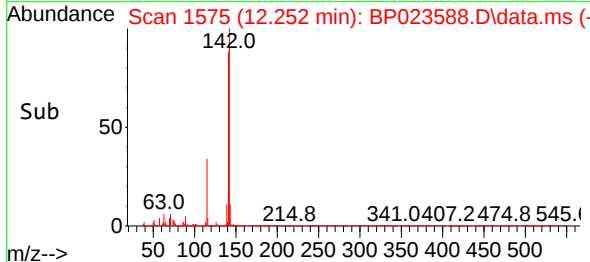
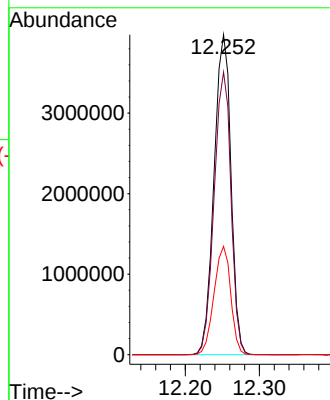
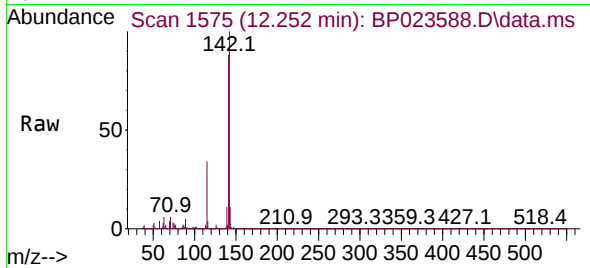




#37  
2-Methylnaphthalene  
Concen: 62.377 ng  
RT: 12.252 min Scan# 1575  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

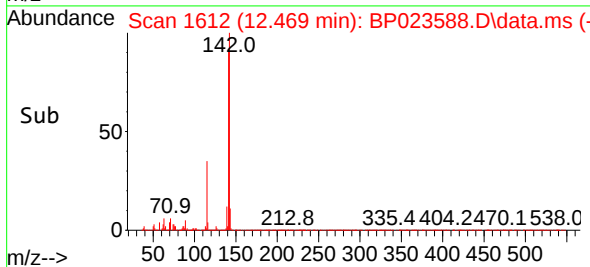
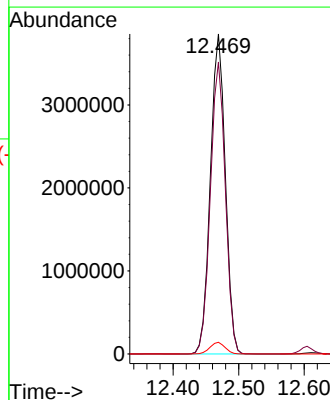
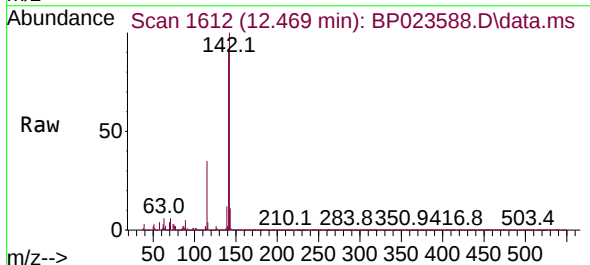
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

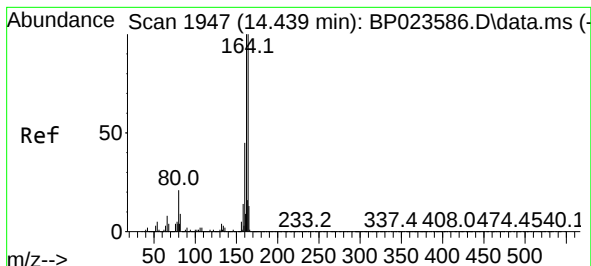
Tgt Ion:142 Resp: 6289106  
Ion Ratio Lower Upper  
142 100  
141 88.3 70.6 106.0  
115 33.9 26.5 39.7



#38  
1-Methylnaphthalene  
Concen: 61.585 ng  
RT: 12.469 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:142 Resp: 6099937  
Ion Ratio Lower Upper  
142 100  
141 91.3 73.1 109.7  
116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.440 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

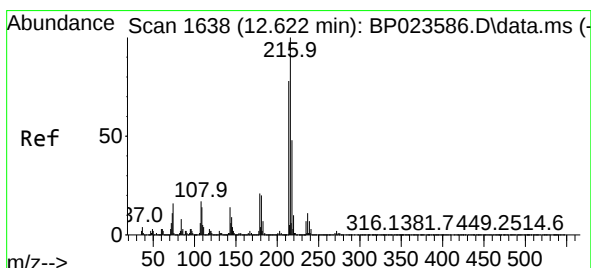
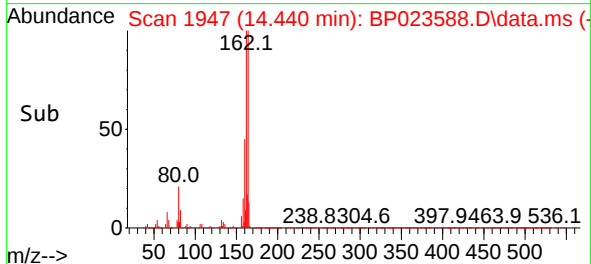
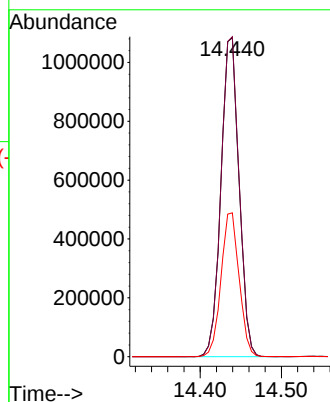
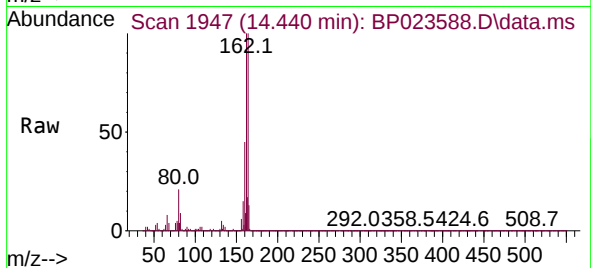
Tgt Ion:164 Resp: 1678057

Ion Ratio Lower Upper

164 100

162 100.3 80.3 120.5

160 45.1 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.538 ng

RT: 12.616 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Tgt Ion:216 Resp: 2962238

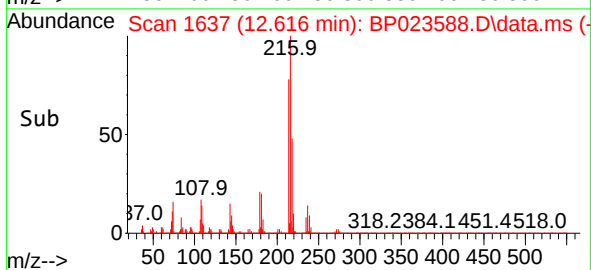
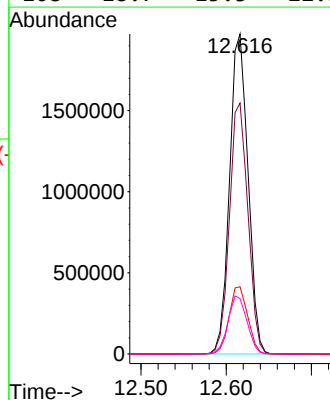
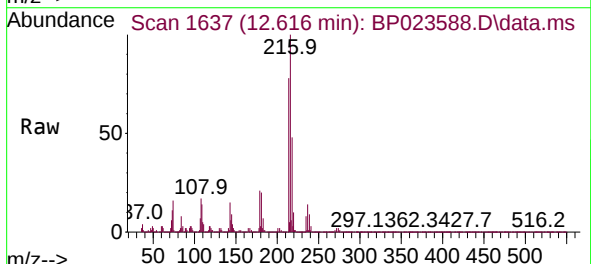
Ion Ratio Lower Upper

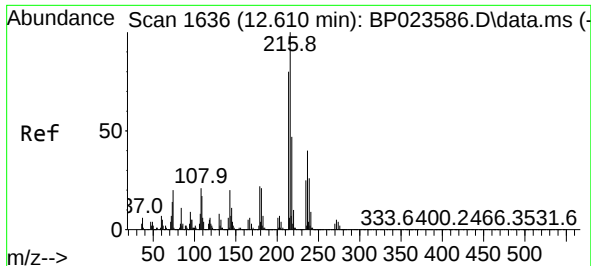
216 100

214 78.7 62.6 93.8

179 21.2 17.0 25.6

108 18.7 15.3 22.9

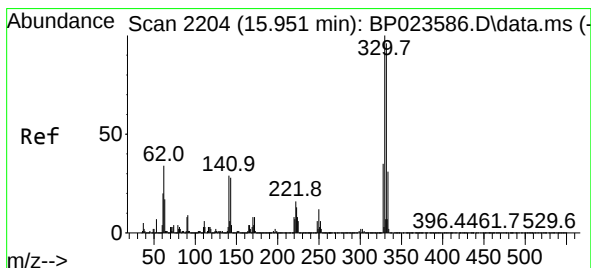
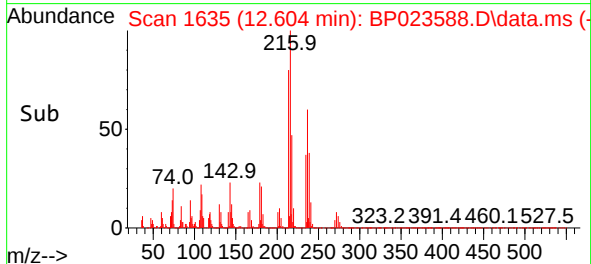
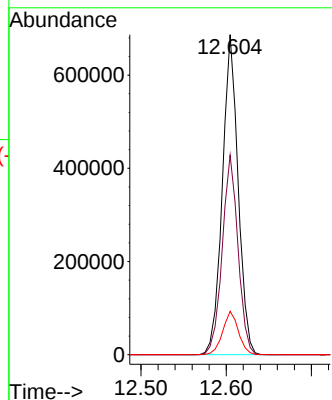
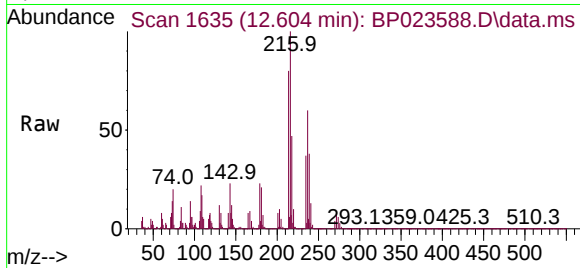




#41  
Hexachlorocyclopentadiene  
Concen: 65.032 ng  
RT: 12.604 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

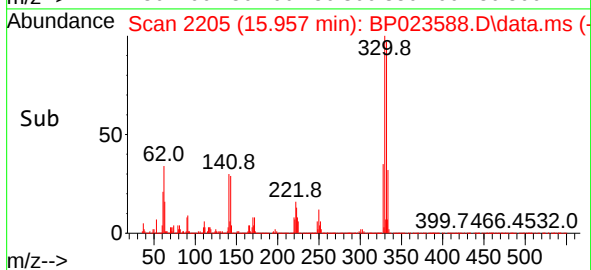
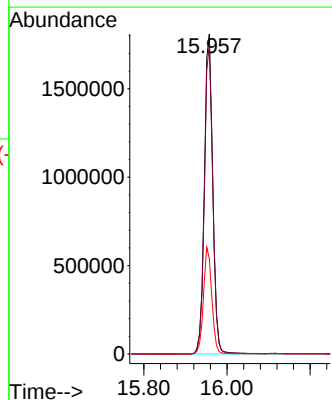
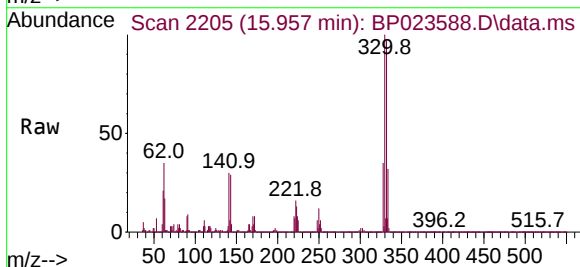
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

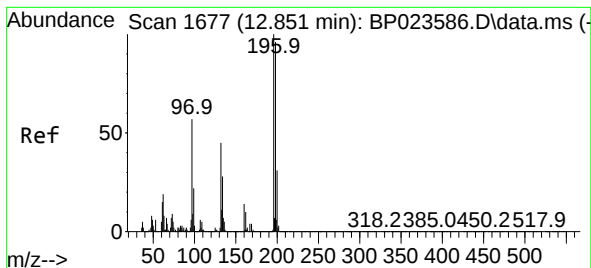
Tgt Ion:237 Resp: 880857  
Ion Ratio Lower Upper  
237 100  
235 62.4 42.7 82.7  
272 13.6 0.0 33.7



#42  
2,4,6-Tribromophenol  
Concen: 131.280 ng  
RT: 15.957 min Scan# 2205  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:330 Resp: 2547202  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.1 115.7  
141 33.0 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 69.104 ng

RT: 12.852 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

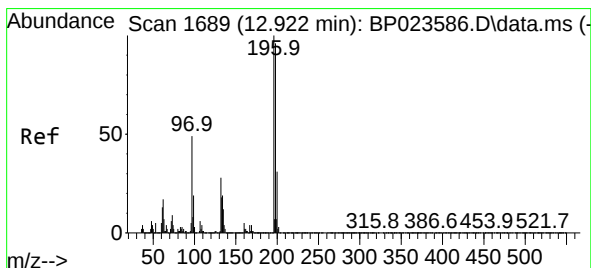
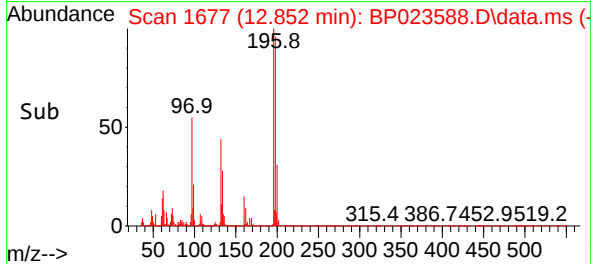
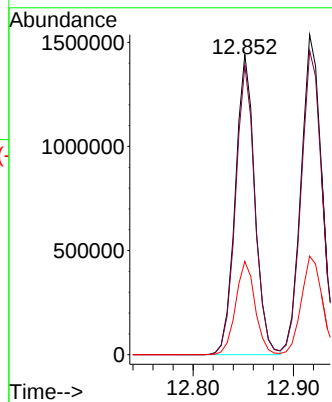
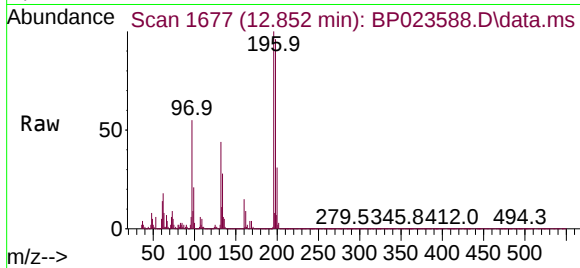
Tgt Ion:196 Resp: 1946847

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.6

200 31.0 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 68.647 ng

RT: 12.916 min Scan# 1688

Delta R.T. -0.006 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Tgt Ion:196 Resp: 2215990

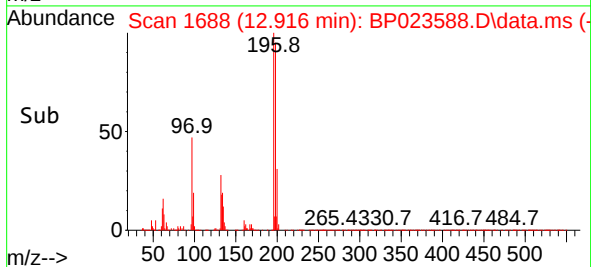
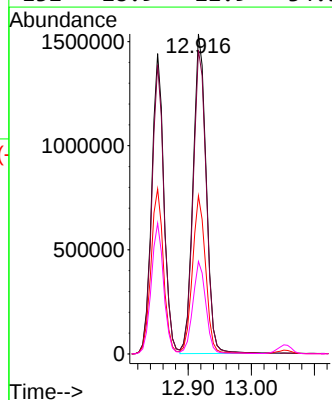
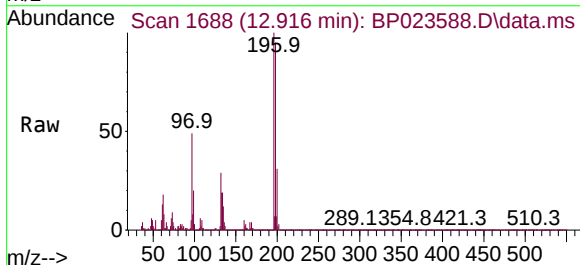
Ion Ratio Lower Upper

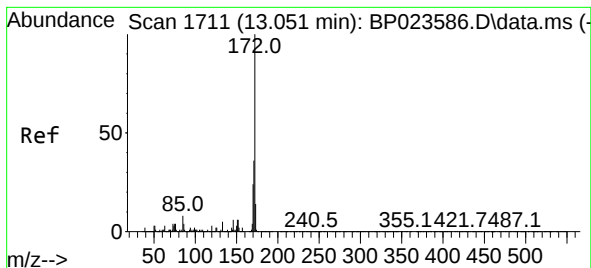
196 100

198 95.0 76.5 114.7

97 49.4 39.4 59.2

132 28.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 121.545 ng

RT: 13.051 min Scan# 1711

Delta R.T. 0.000 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

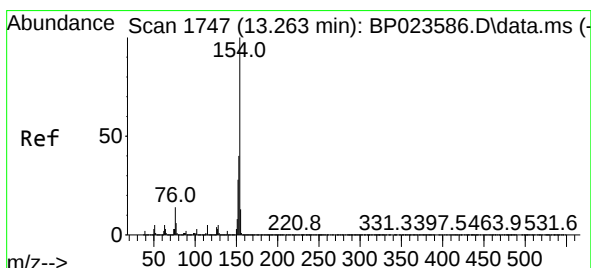
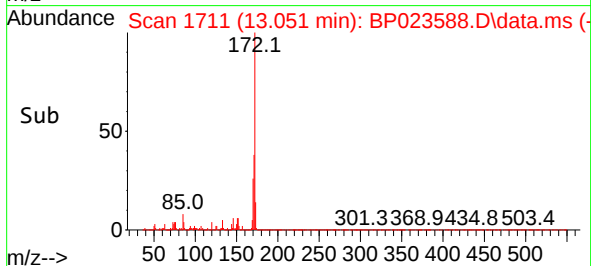
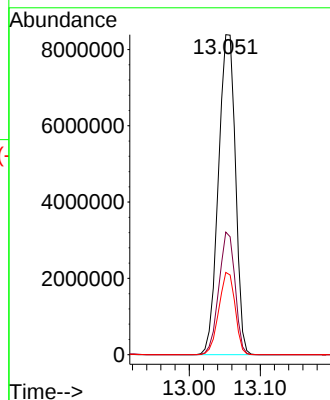
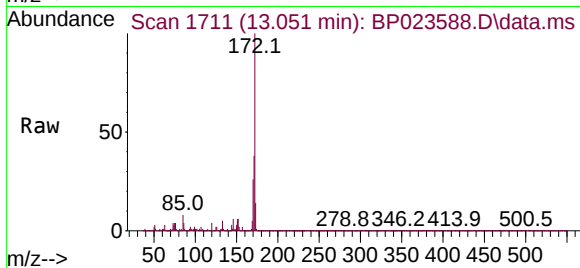
Tgt Ion:172 Resp:13898213

Ion Ratio Lower Upper

172 100

171 38.3 29.0 43.4

170 25.7 19.4 29.0



#46

1,1'-Biphenyl

Concen: 61.117 ng

RT: 13.263 min Scan# 1747

Delta R.T. 0.000 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

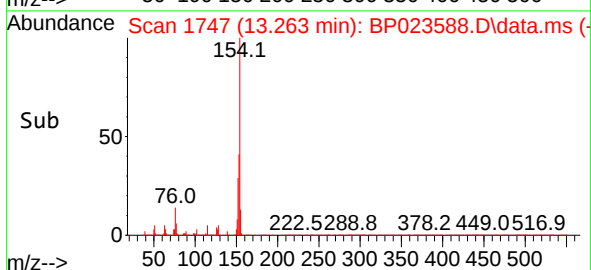
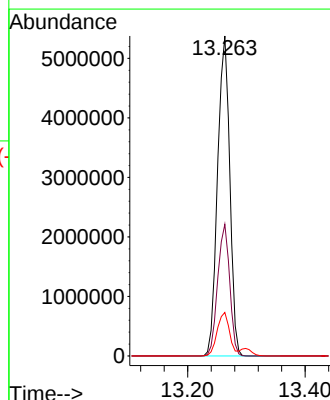
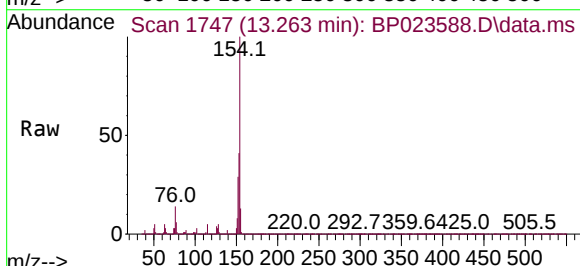
Tgt Ion:154 Resp: 7715219

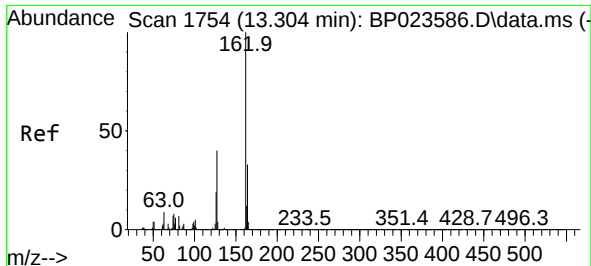
Ion Ratio Lower Upper

154 100

153 41.1 20.2 60.2

76 13.6 0.0 33.8

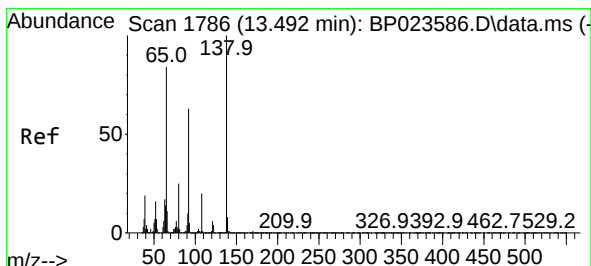
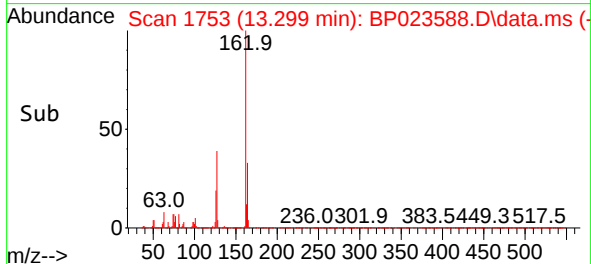
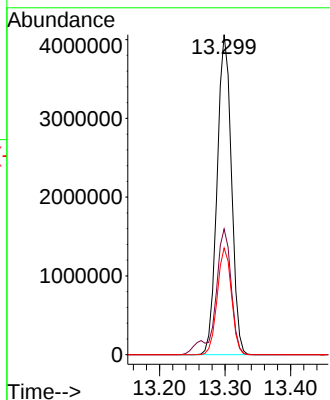
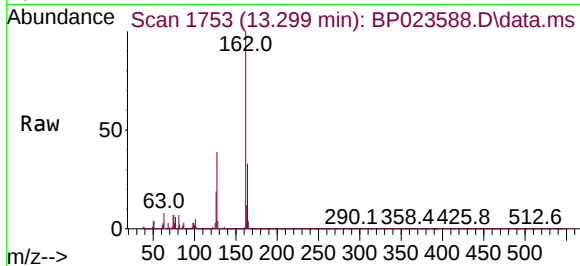




#47  
2-Chloronaphthalene  
Concen: 60.925 ng  
RT: 13.299 min Scan# 1753  
Delta R.T. -0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

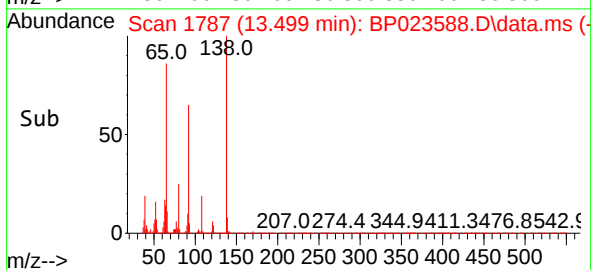
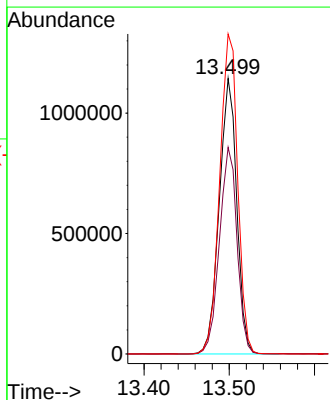
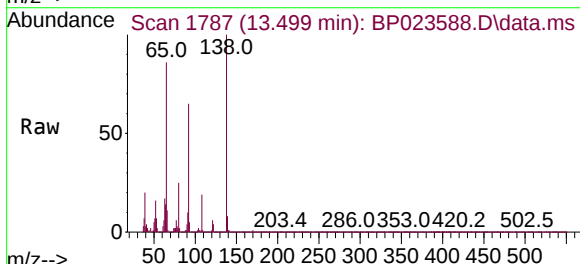
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

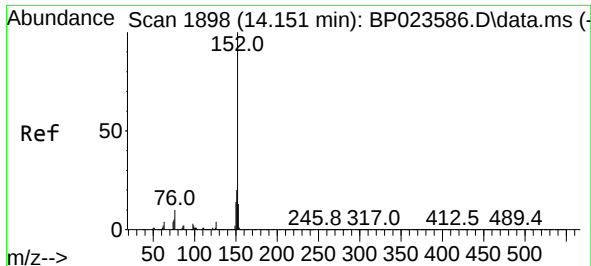
Tgt Ion:162 Resp: 6112374  
Ion Ratio Lower Upper  
162 100  
127 39.3 31.7 47.5  
164 33.3 26.7 40.1



#48  
2-Nitroaniline  
Concen: 61.879 ng  
RT: 13.499 min Scan# 1787  
Delta R.T. 0.007 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion: 65 Resp: 1631283  
Ion Ratio Lower Upper  
65 100  
92 75.0 60.2 90.2  
138 116.2 95.2 142.8

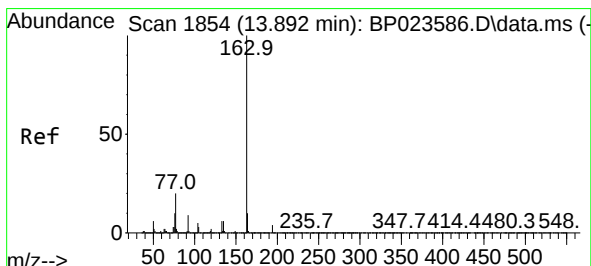
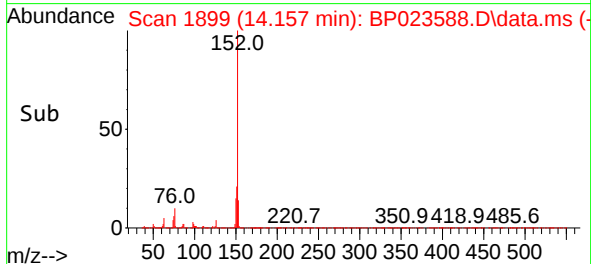
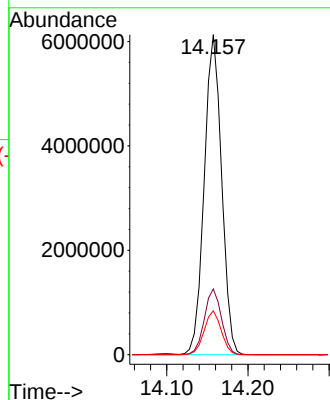
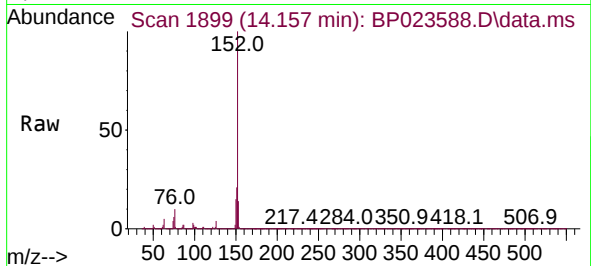




#49  
Acenaphthylene  
Concen: 61.748 ng  
RT: 14.157 min Scan# 1899  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

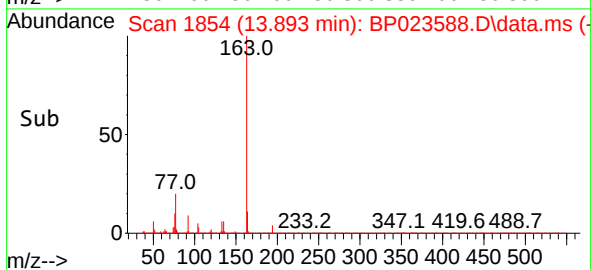
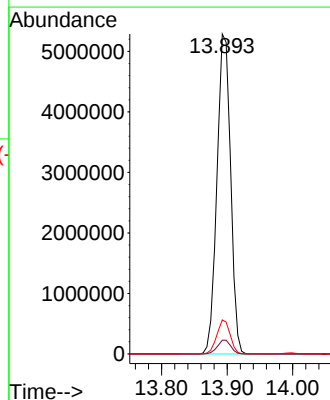
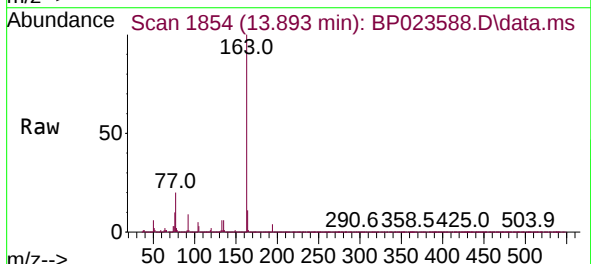
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

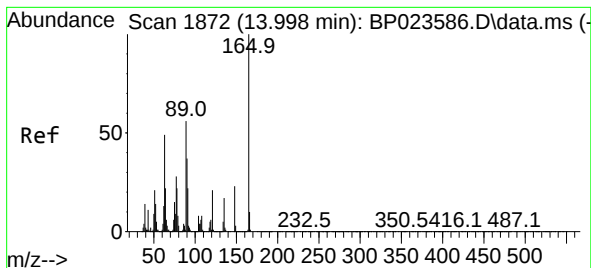
Tgt Ion:152 Resp: 9082160  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.1 24.1  
153 13.7 10.8 16.2



#50  
Dimethylphthalate  
Concen: 62.596 ng  
RT: 13.893 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:163 Resp: 7598430  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 10.7 8.1 12.1

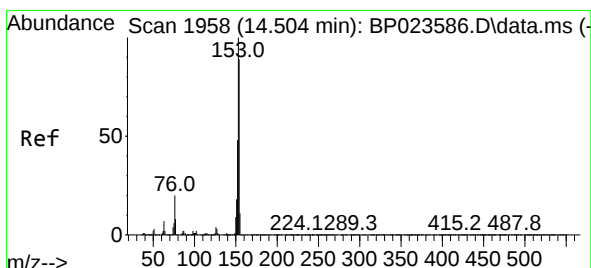
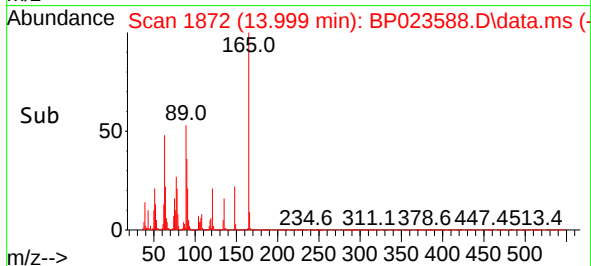
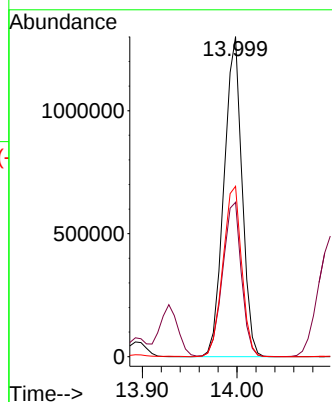
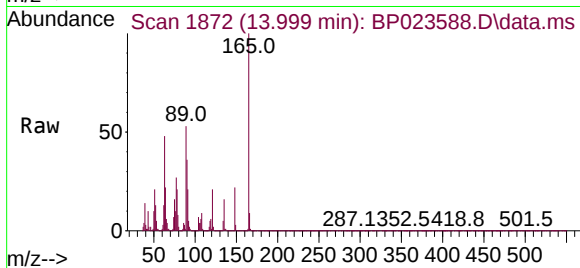




#51  
2,6-Dinitrotoluene  
Concen: 70.072 ng  
RT: 13.999 min Scan# 1872  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

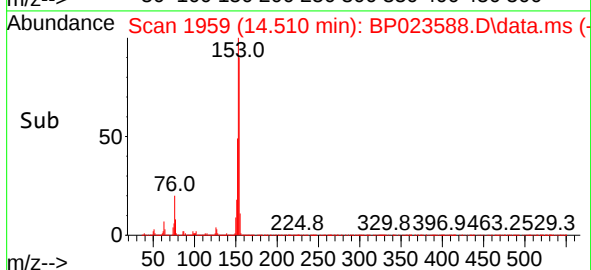
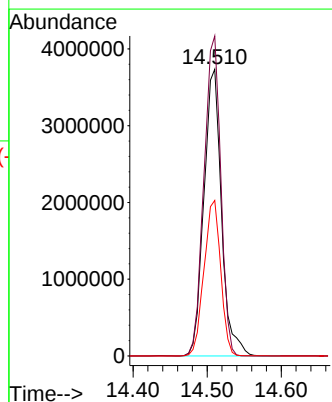
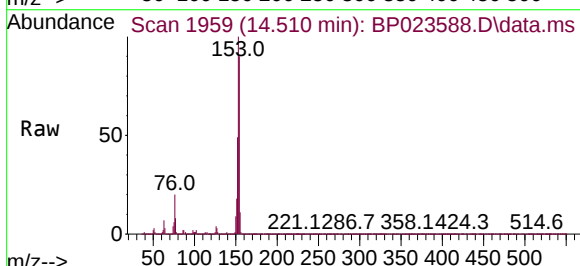
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

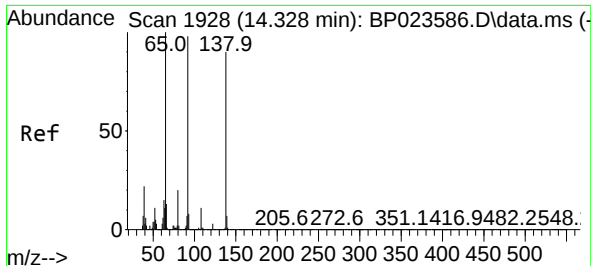
Tgt Ion:165 Resp: 1720638  
Ion Ratio Lower Upper  
165 100  
63 48.2 39.7 59.5  
89 53.3 44.6 66.8



#52  
Acenaphthene  
Concen: 62.703 ng  
RT: 14.510 min Scan# 1959  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:154 Resp: 6164441  
Ion Ratio Lower Upper  
154 100  
153 111.6 89.9 134.9  
152 54.3 43.5 65.3

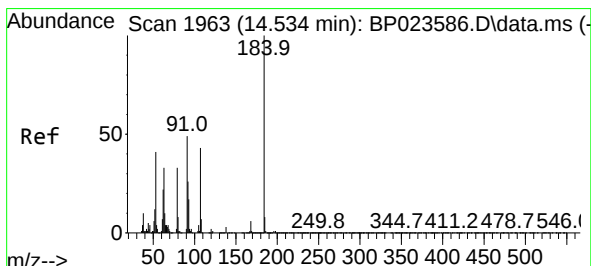
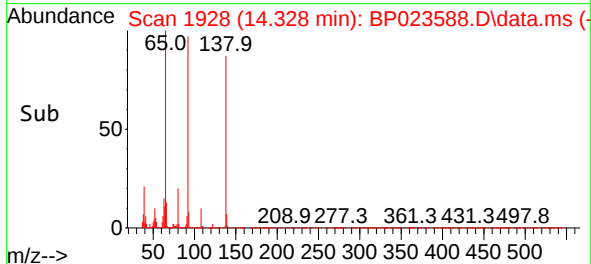
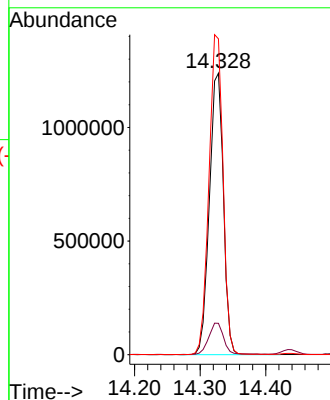
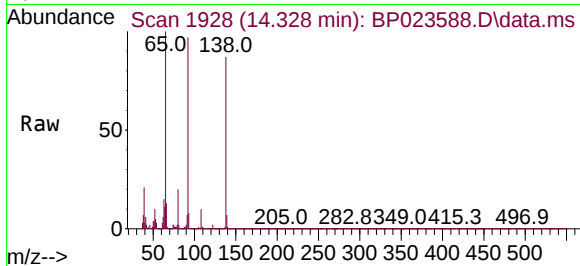




#53  
3-Nitroaniline  
Concen: 69.798 ng  
RT: 14.328 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

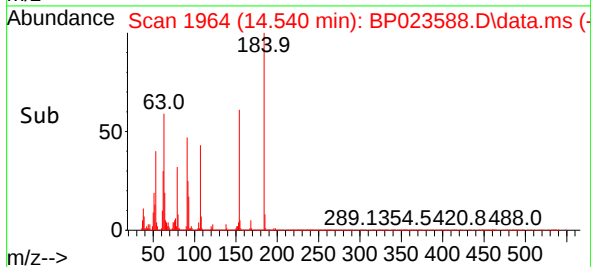
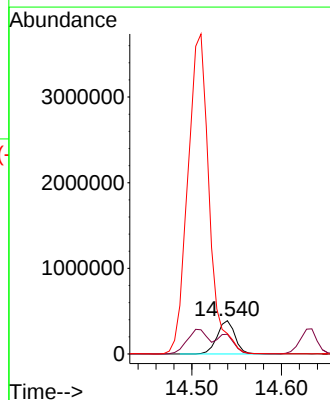
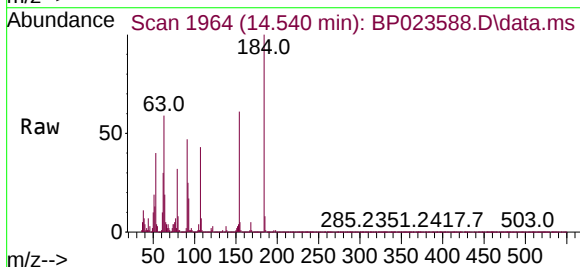
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

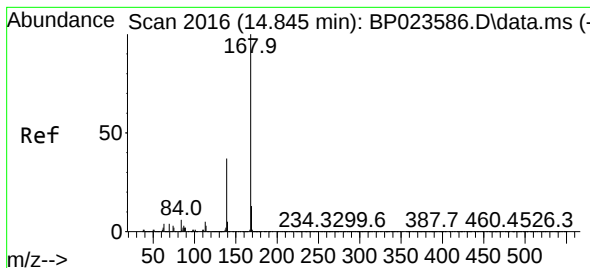
Tgt Ion:138 Resp: 1837392  
Ion Ratio Lower Upper  
138 100  
108 11.1 9.5 14.3  
92 112.2 87.7 131.5



#54  
2,4-Dinitrophenol  
Concen: 62.341 ng  
RT: 14.540 min Scan# 1964  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:184 Resp: 533944  
Ion Ratio Lower Upper  
184 100  
63 59.1 49.9 74.9  
154 61.0 54.1 81.1





#55

Dibenzofuran

Concen: 61.449 ng

RT: 14.851 min Scan# 20

Delta R.T. 0.006 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

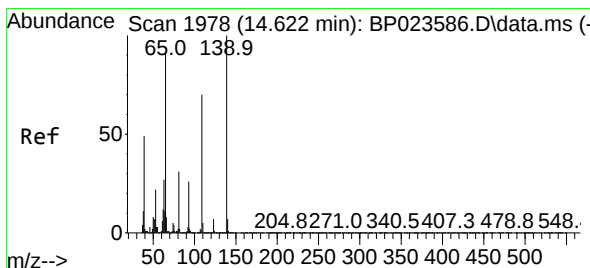
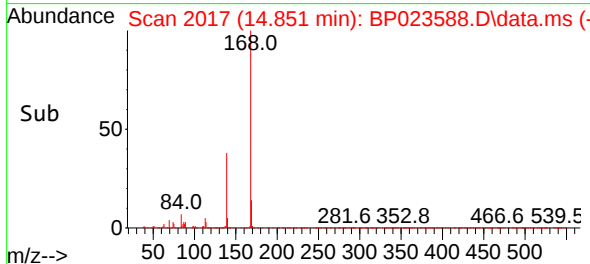
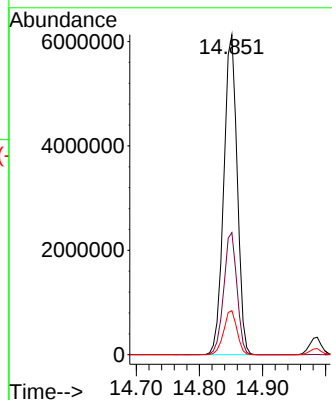
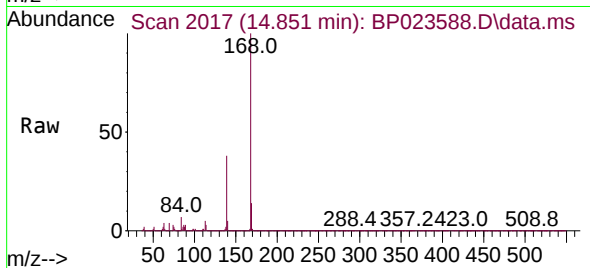
Tgt Ion:168 Resp: 9049032

Ion Ratio Lower Upper

168 100

139 38.1 29.9 44.9

169 13.8 10.6 15.8



#56

4-Nitrophenol

Concen: 69.153 ng

RT: 14.634 min Scan# 1980

Delta R.T. 0.012 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

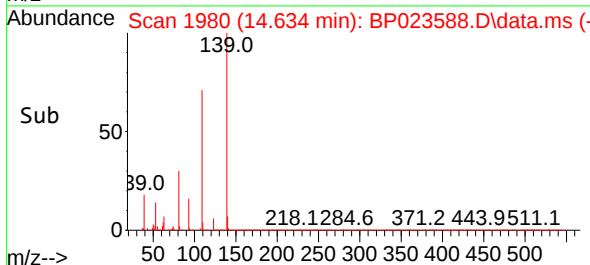
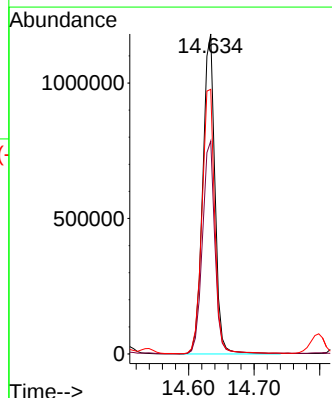
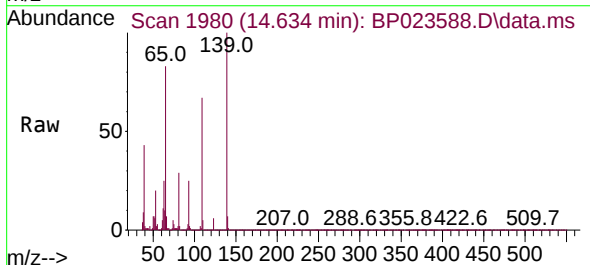
Tgt Ion:139 Resp: 1531441

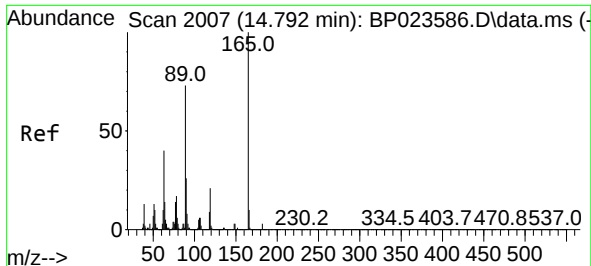
Ion Ratio Lower Upper

139 100

109 66.5 50.4 90.4

65 82.7 70.7 110.7

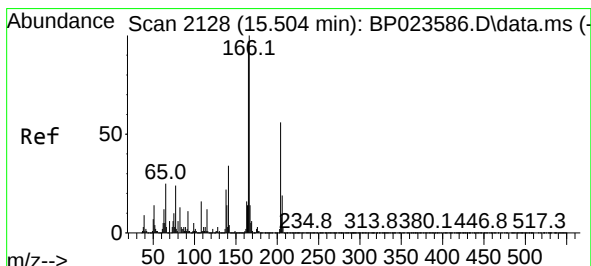
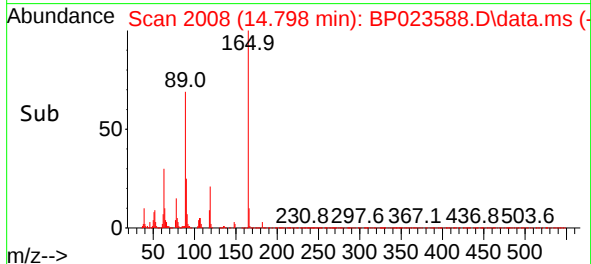
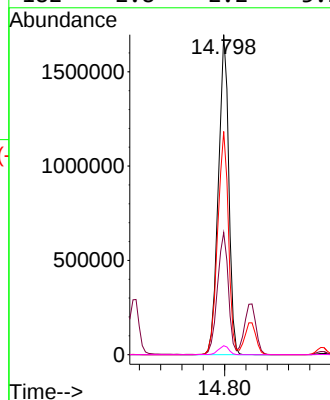
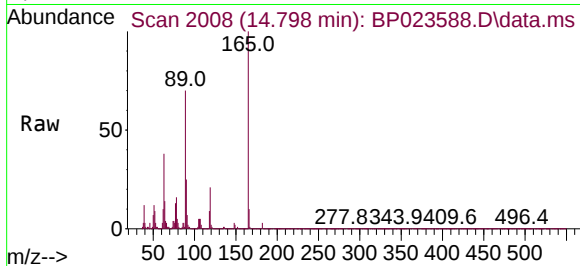




#57  
2,4-Dinitrotoluene  
Concen: 61.873 ng  
RT: 14.798 min Scan# 2007  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

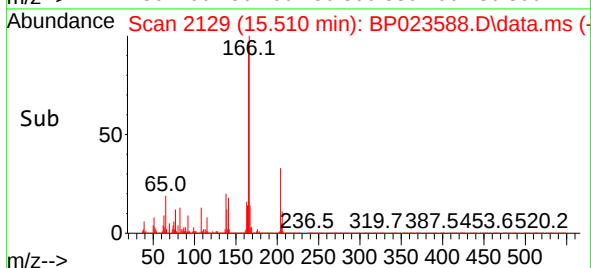
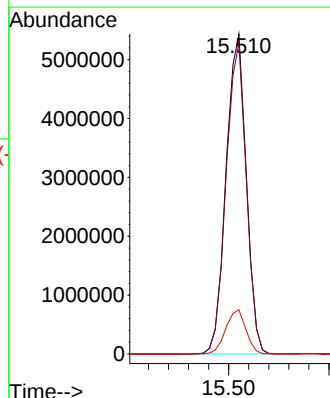
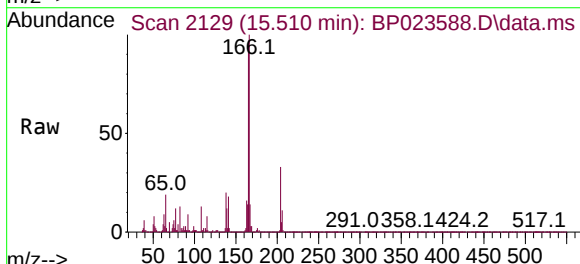
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

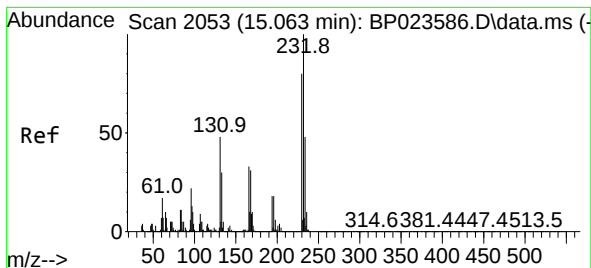
Tgt Ion:165 Resp: 2289235  
Ion Ratio Lower Upper  
165 100  
63 38.1 32.2 48.2  
89 69.8 58.6 87.8  
182 2.8 2.2 3.2



#58  
Fluorene  
Concen: 61.051 ng  
RT: 15.510 min Scan# 2129  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:166 Resp: 7605271  
Ion Ratio Lower Upper  
166 100  
165 97.1 77.3 115.9  
167 13.8 10.8 16.2

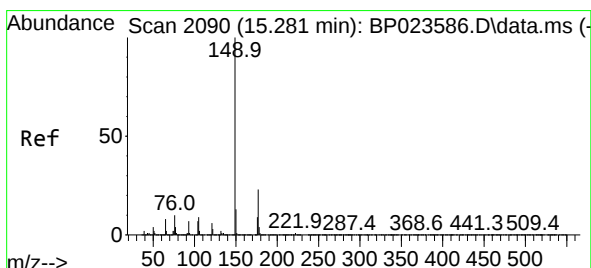
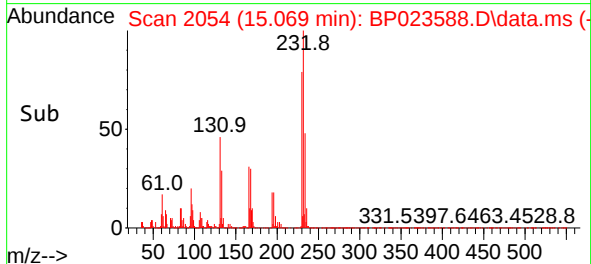
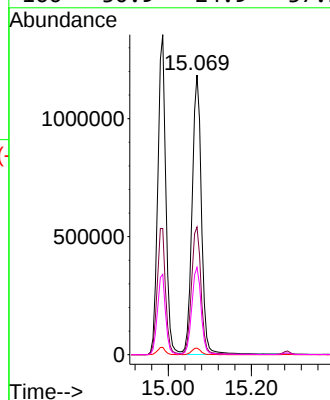
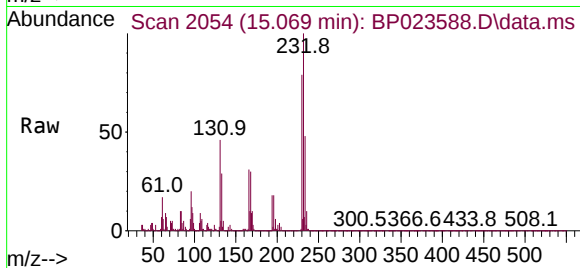




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 68.452 ng  
RT: 15.069 min Scan# 2053  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

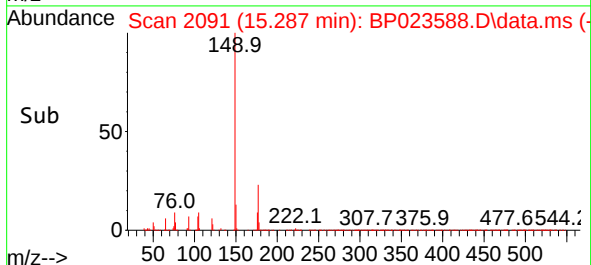
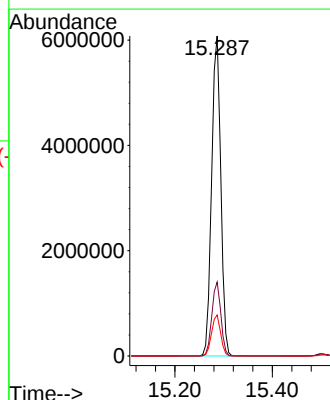
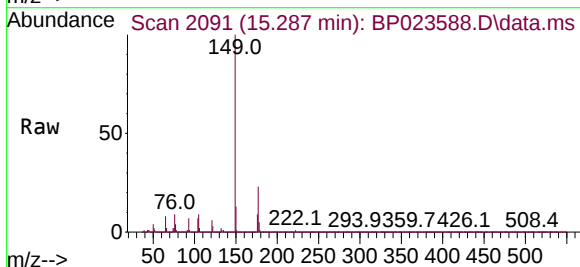
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

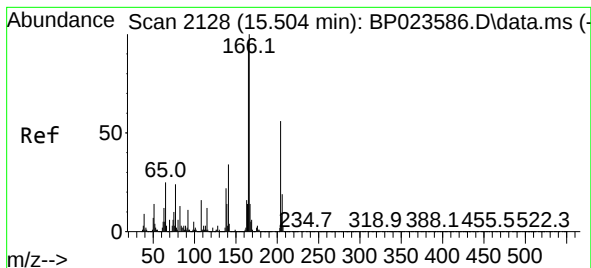
Tgt Ion:232 Resp: 1840508  
Ion Ratio Lower Upper  
232 100  
131 46.5 38.2 57.4  
130 2.3 1.8 2.8  
166 30.9 24.9 37.3



#60  
Diethylphthalate  
Concen: 62.763 ng  
RT: 15.287 min Scan# 2091  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:149 Resp: 7868021  
Ion Ratio Lower Upper  
149 100  
177 23.1 18.2 27.4  
150 12.8 10.2 15.2

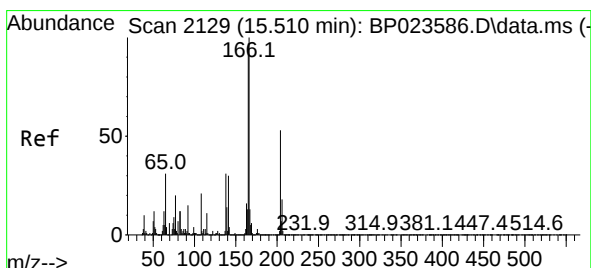
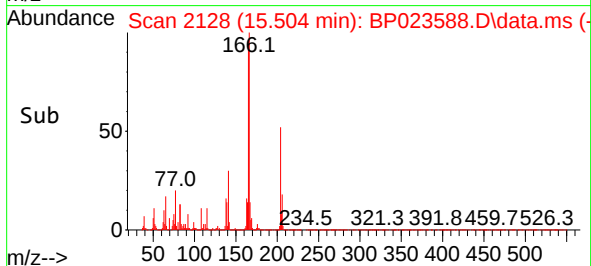
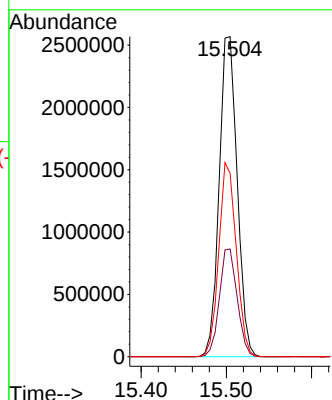
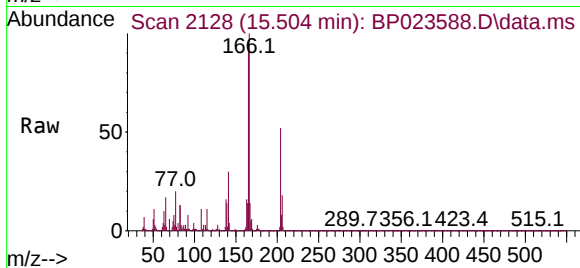




#61  
4-Chlorophenyl-phenylether  
Concen: 62.285 ng  
RT: 15.504 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

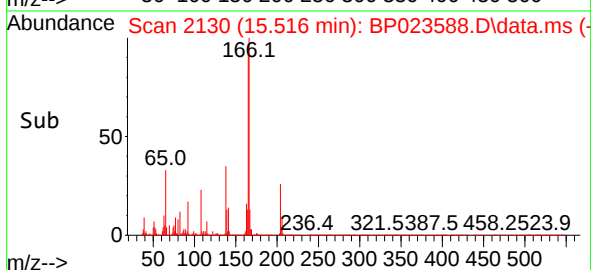
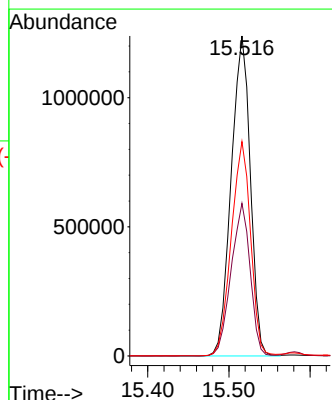
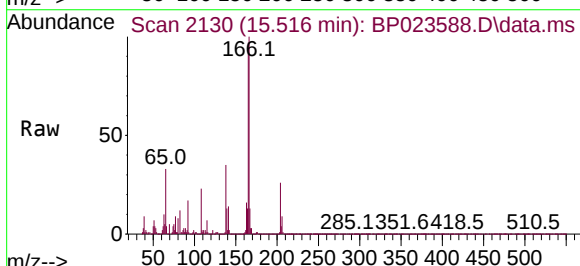
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

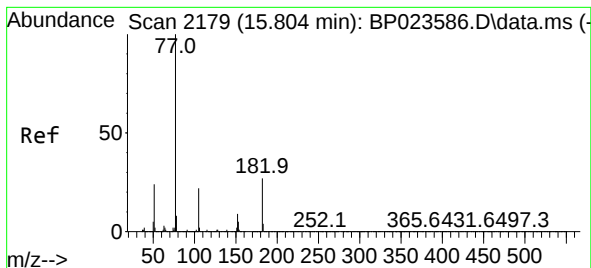
Tgt Ion:204 Resp: 3766239  
Ion Ratio Lower Upper  
204 100  
206 33.7 26.3 39.5  
141 57.3 48.0 72.0



#62  
4-Nitroaniline  
Concen: 68.958 ng  
RT: 15.516 min Scan# 2130  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:138 Resp: 2024643  
Ion Ratio Lower Upper  
138 100  
92 47.7 27.9 67.9  
108 67.0 49.2 89.2

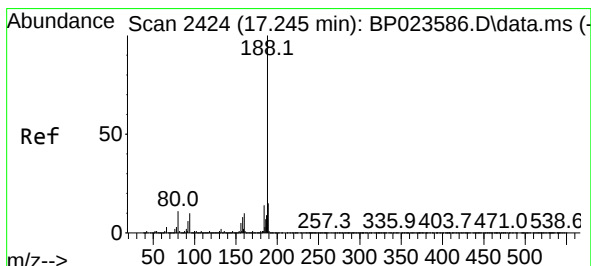
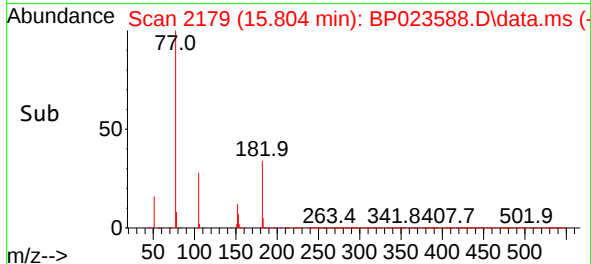
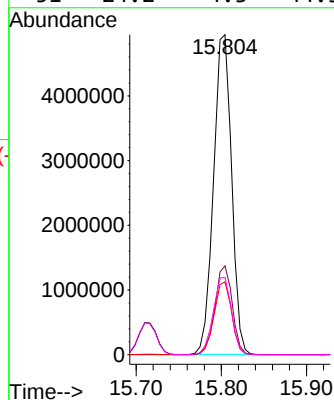
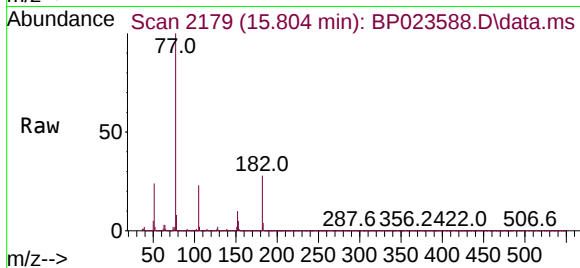




#63  
Azobenzene  
Concen: 61.666 ng  
RT: 15.804 min Scan# 2179  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

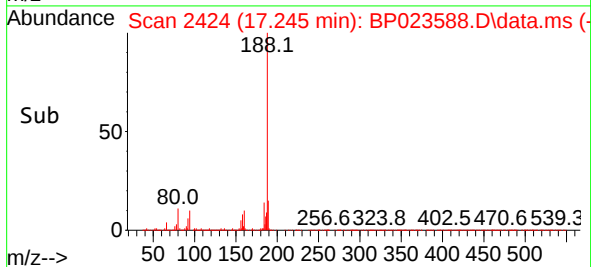
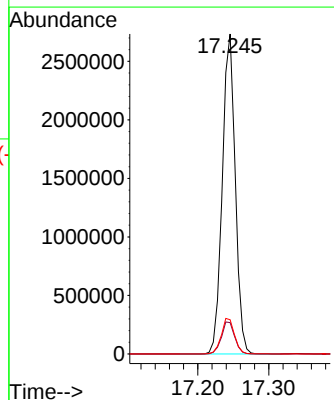
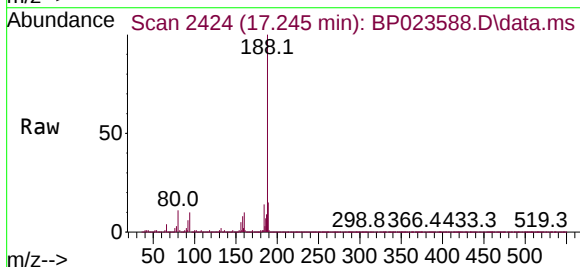
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

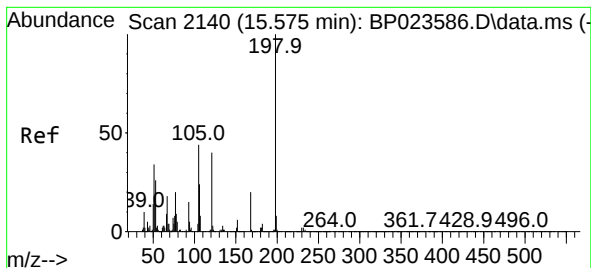
Tgt Ion: 77 Resp: 7275176  
Ion Ratio Lower Upper  
77 100  
182 27.7 6.5 46.5  
105 22.8 2.2 42.2  
51 24.2 4.3 44.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.245 min Scan# 2424  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion: 188 Resp: 3443876  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.8 11.8  
80 10.7 8.6 12.8

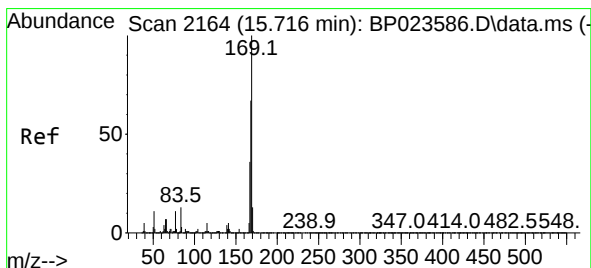
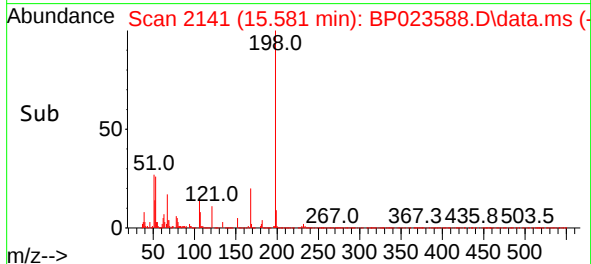
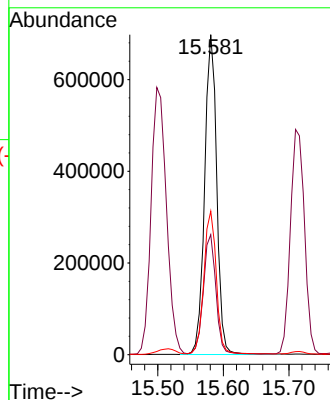
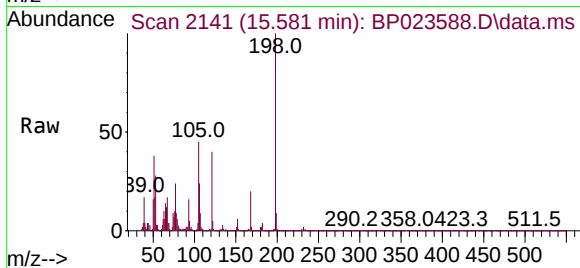




#65  
4,6-Dinitro-2-methylphenol  
Concen: 63.117 ng  
RT: 15.581 min Scan# 2141  
Delta R.T. 0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

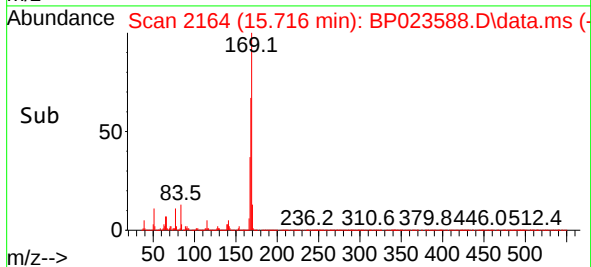
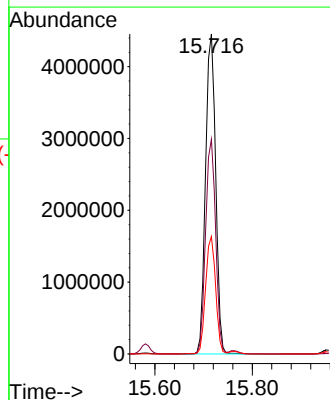
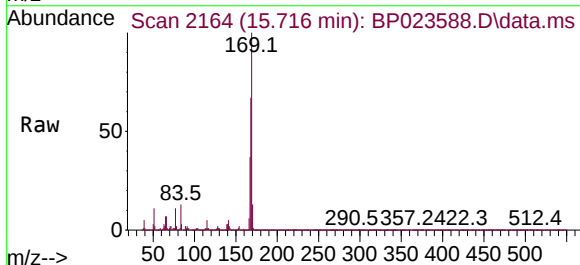
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

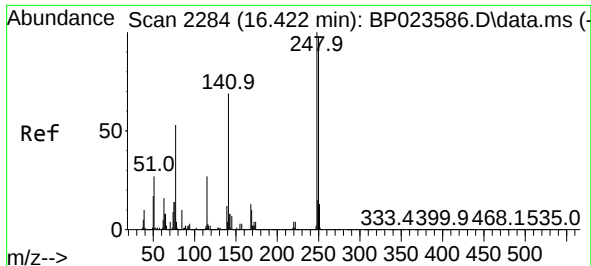
Tgt Ion:198 Resp: 899006  
Ion Ratio Lower Upper  
198 100  
51 37.5 18.3 58.3  
105 44.8 24.9 64.9



#66  
n-Nitrosodiphenylamine  
Concen: 61.382 ng  
RT: 15.716 min Scan# 2164  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:169 Resp: 6394417  
Ion Ratio Lower Upper  
169 100  
168 67.1 53.5 80.3  
167 36.7 29.2 43.8

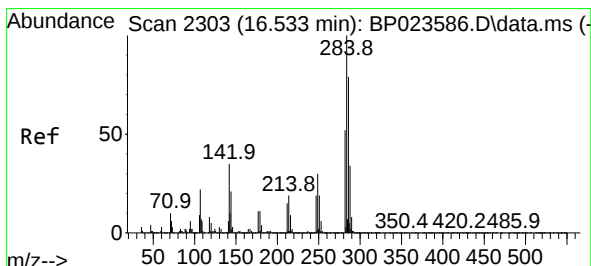
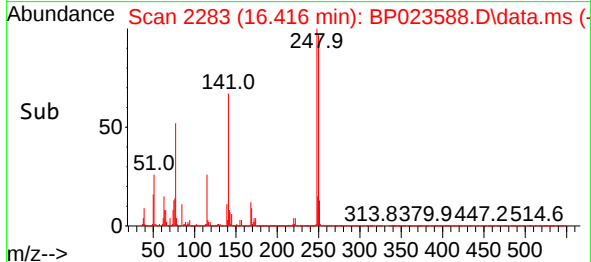
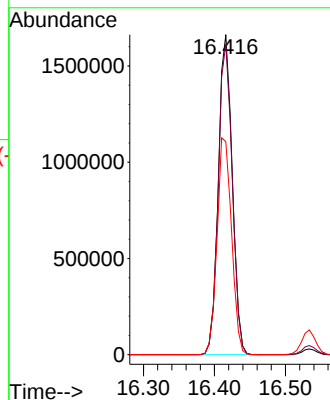
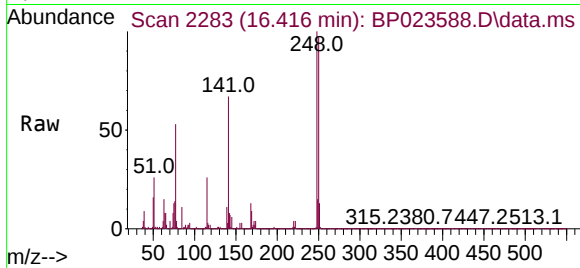




#67  
4-Bromophenyl-phenylether  
Concen: 61.468 ng  
RT: 16.416 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

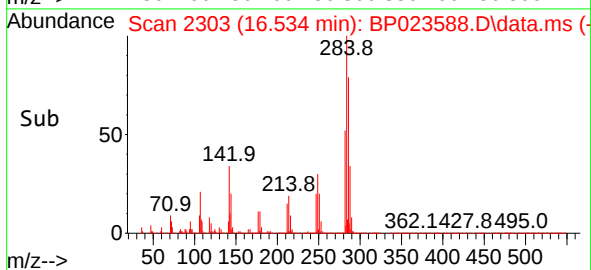
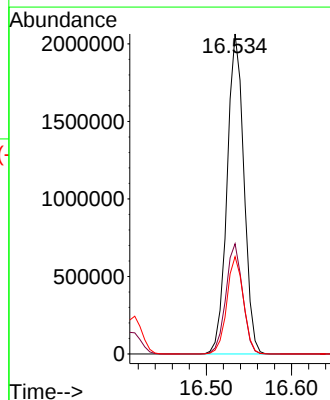
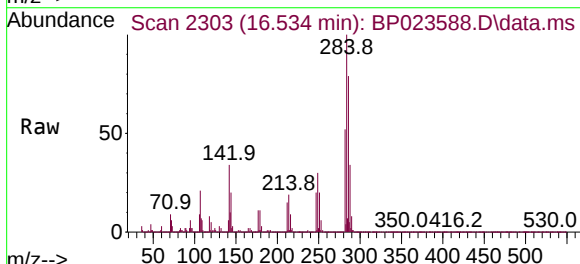
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

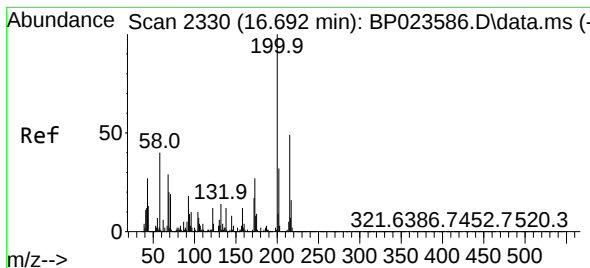
Tgt Ion:248 Resp: 2251646  
Ion Ratio Lower Upper  
248 100  
250 97.1 78.5 117.7  
141 66.6 55.0 82.4



#68  
Hexachlorobenzene  
Concen: 62.796 ng  
RT: 16.534 min Scan# 2303  
Delta R.T. 0.000 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:284 Resp: 2822135  
Ion Ratio Lower Upper  
284 100  
142 34.5 27.8 41.6  
249 30.4 23.8 35.6





#69

Atrazine

Concen: 53.417 ng

RT: 16.692 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

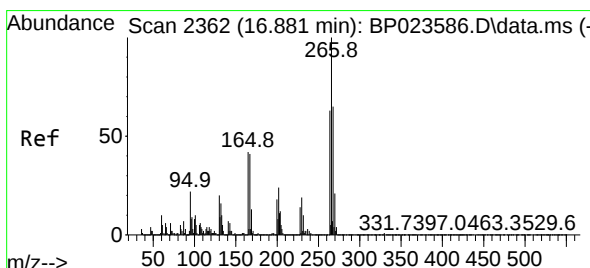
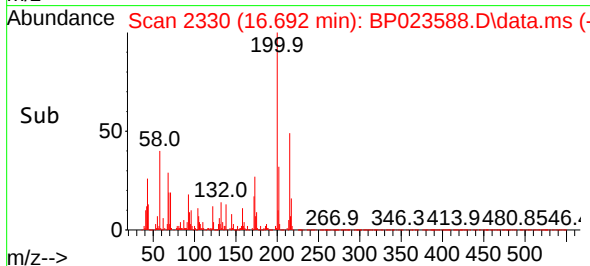
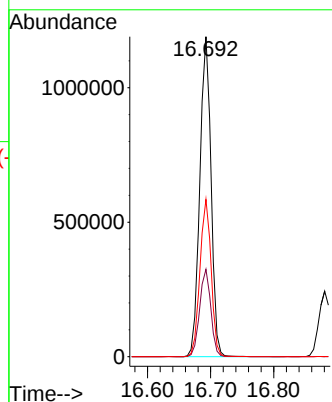
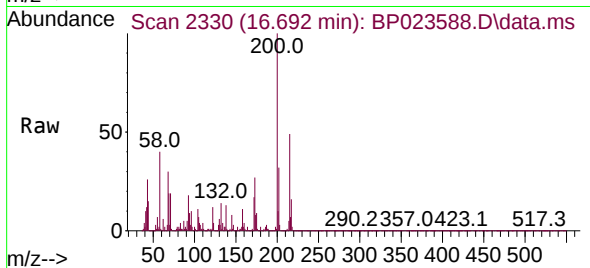
Tgt Ion:200 Resp: 1461408

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 49.2 29.2 69.2



#70

Pentachlorophenol

Concen: 69.058 ng

RT: 16.881 min Scan# 2362

Delta R.T. -0.000 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

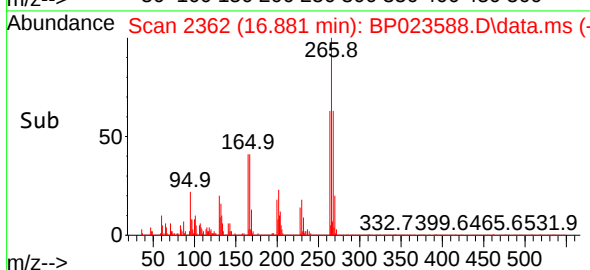
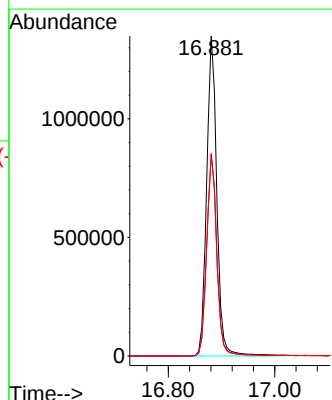
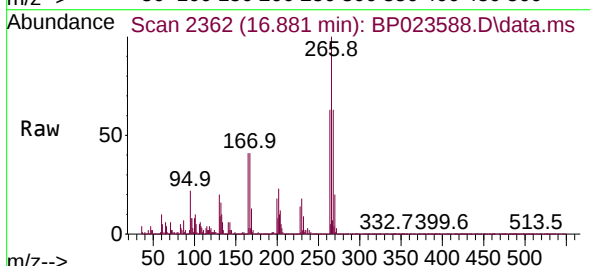
Tgt Ion:266 Resp: 1789787

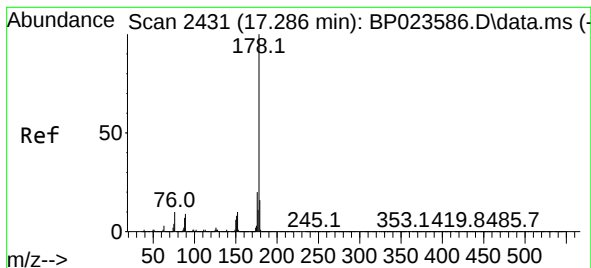
Ion Ratio Lower Upper

266 100

268 63.0 51.8 77.8

264 63.3 50.6 76.0





#71

Phenanthrene

Concen: 61.355 ng

RT: 17.287 min Scan# 2431

Delta R.T. 0.000 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

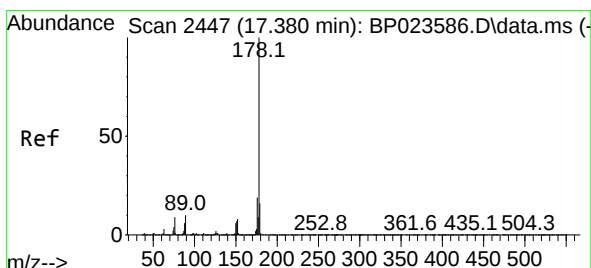
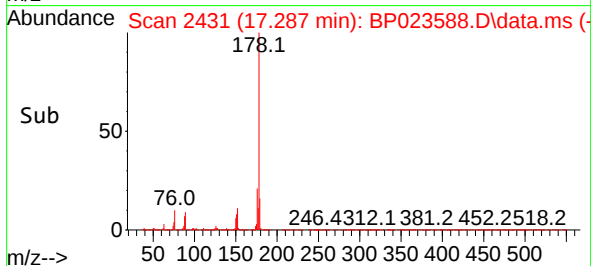
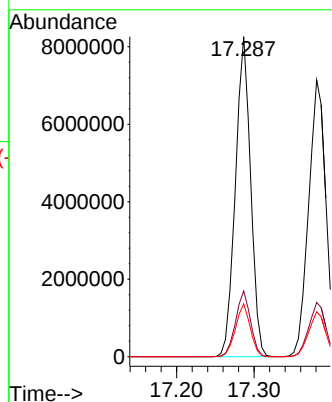
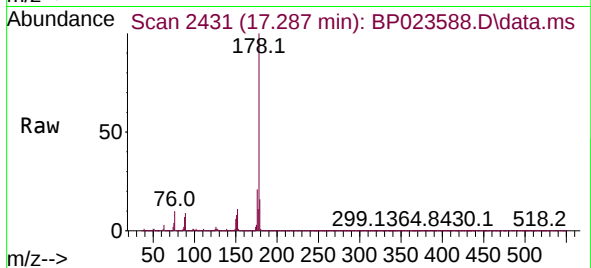
Tgt Ion:178 Resp:11254835

Ion Ratio Lower Upper

178 100

176 20.6 15.7 23.5

179 16.5 12.7 19.1



#72

Anthracene

Concen: 61.605 ng

RT: 17.381 min Scan# 2447

Delta R.T. 0.000 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

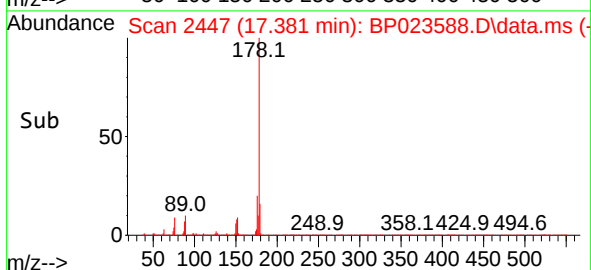
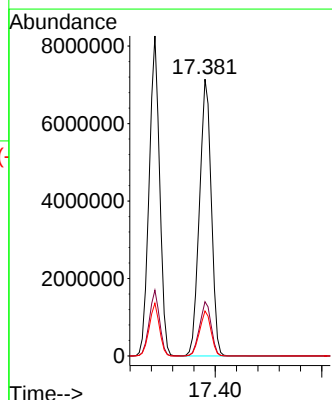
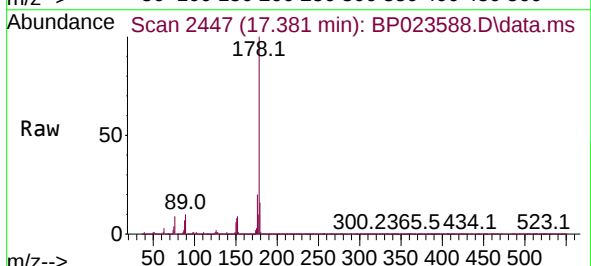
Tgt Ion:178 Resp:10995003

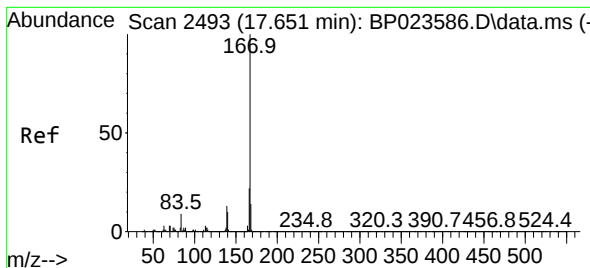
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 16.2 12.6 19.0





#73

Carbazole

Concen: 61.517 ng

RT: 17.663 min Scan# 2493

Delta R.T. 0.012 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

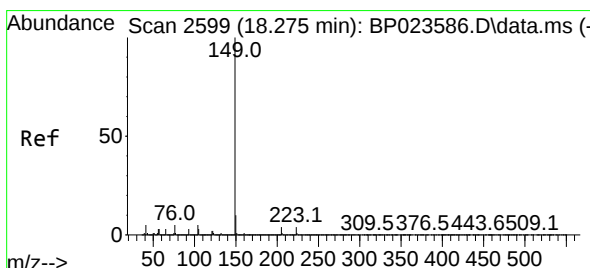
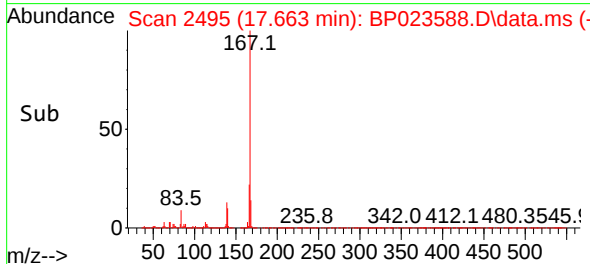
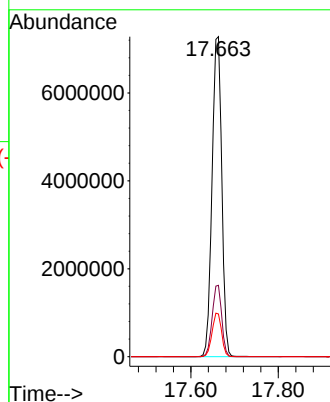
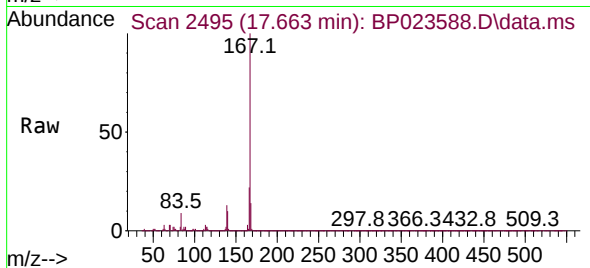
BNA\_P

ClientSampleId :

SSTDICC060

Tgt Ion:167 Resp:11240170

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.3  | 17.7  | 26.5  |
| 139 | 13.3  | 10.7  | 16.1  |



#74

Di-n-butylphthalate

Concen: 61.105 ng

RT: 18.269 min Scan# 2598

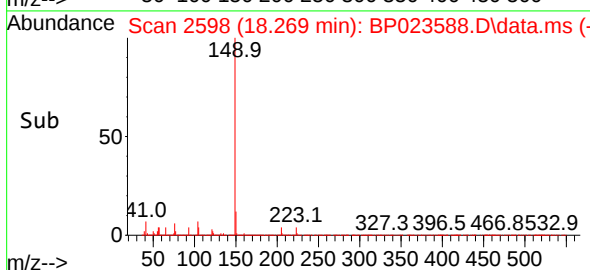
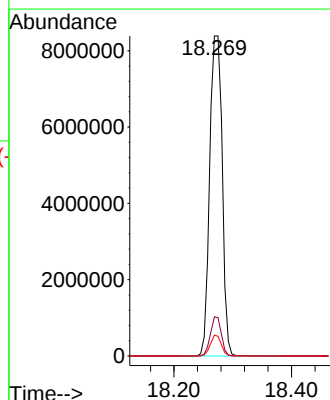
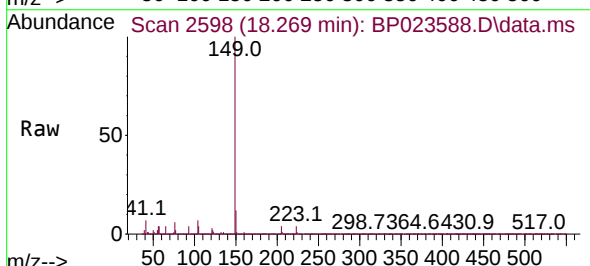
Delta R.T. -0.006 min

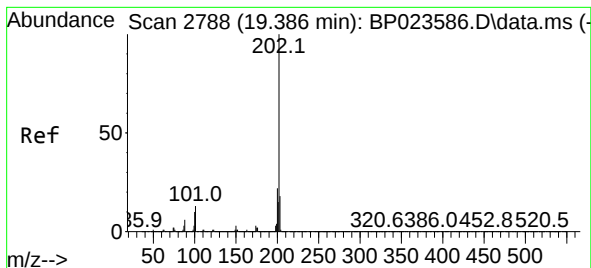
Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Tgt Ion:149 Resp:12349334

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 12.2  | 7.8   | 11.6# |
| 104 | 6.5   | 4.0   | 6.0#  |





#75

Fluoranthene

Concen: 60.050 ng

RT: 19.369 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

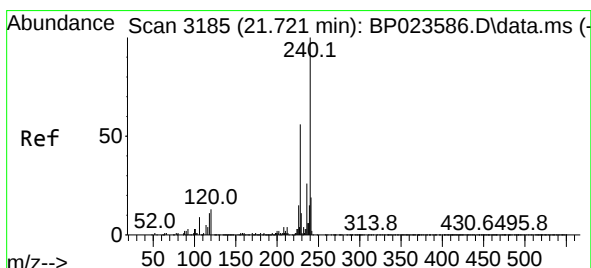
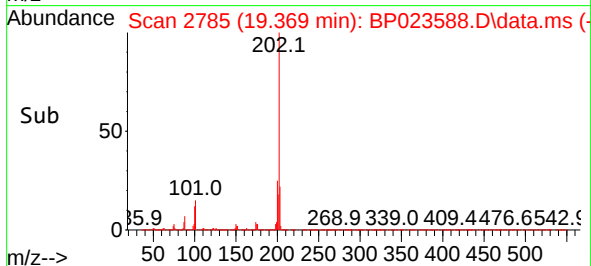
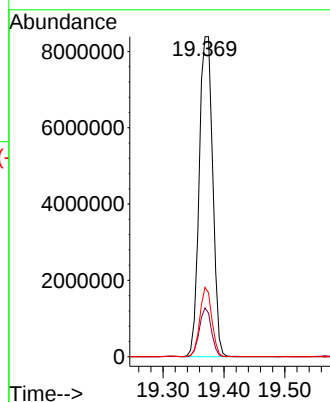
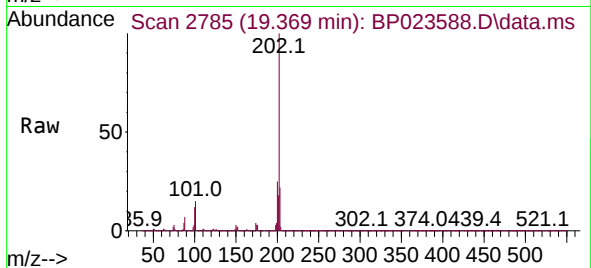
Tgt Ion:202 Resp:12905513

Ion Ratio Lower Upper

202 100

101 15.2 0.0 32.7

203 21.6 0.0 38.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.710 min Scan# 3183

Delta R.T. -0.012 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

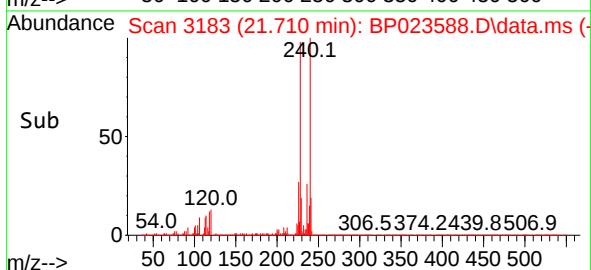
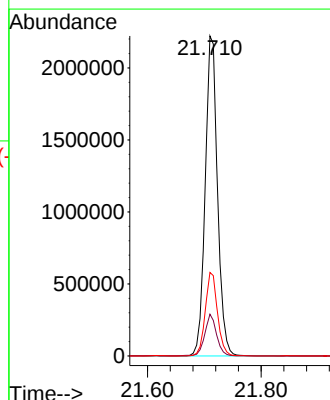
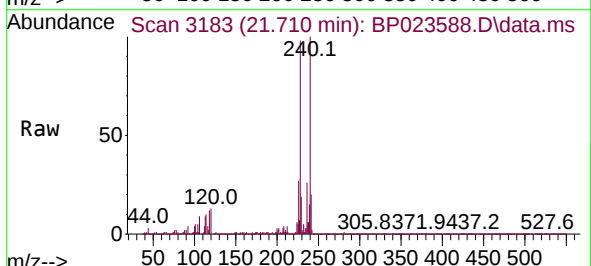
Tgt Ion:240 Resp: 3323037

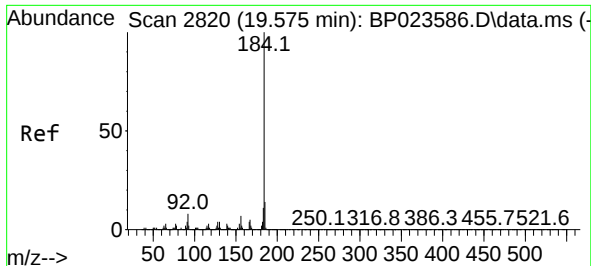
Ion Ratio Lower Upper

240 100

120 13.1 10.1 15.1

236 26.1 20.9 31.3

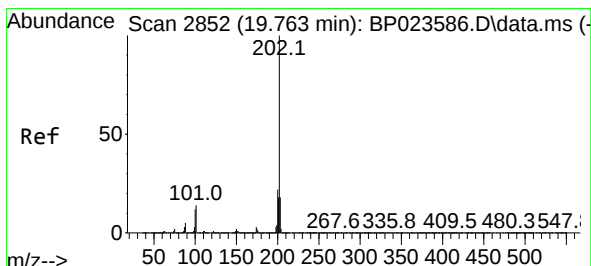
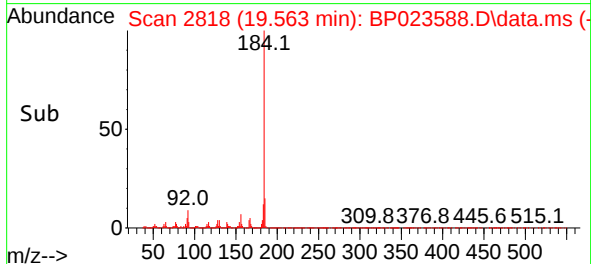
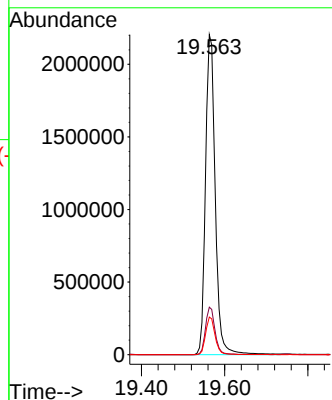
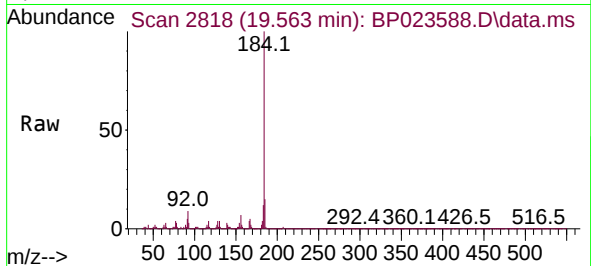




#77  
Benzidine  
Concen: 62.924 ng  
RT: 19.563 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

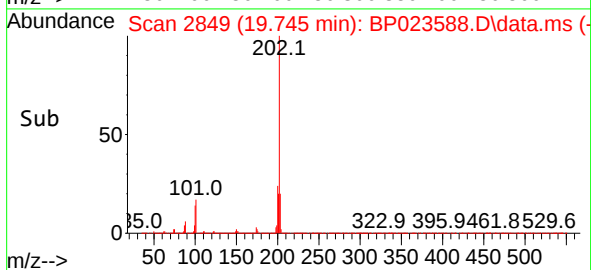
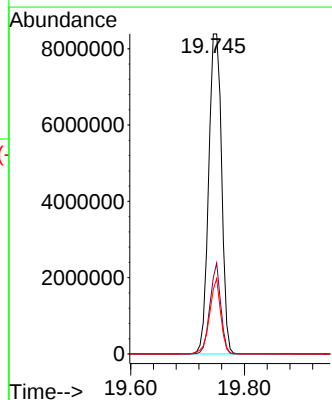
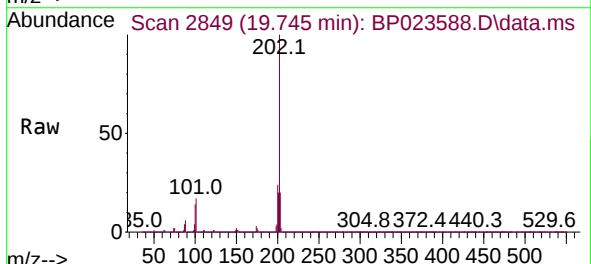
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

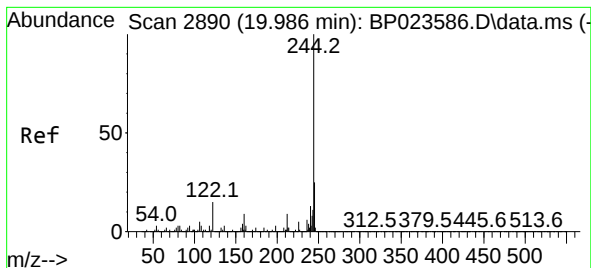
Tgt Ion:184 Resp: 3583225  
Ion Ratio Lower Upper  
184 100  
185 14.9 11.4 17.2  
183 11.8 9.1 13.7



#78  
Pyrene  
Concen: 59.805 ng  
RT: 19.745 min Scan# 2849  
Delta R.T. -0.017 min  
Lab File: BP023588.D  
Acq: 30 Dec 2024 14:19

Tgt Ion:202 Resp:13142524  
Ion Ratio Lower Upper  
202 100  
200 23.8 17.7 26.5  
203 20.1 14.7 22.1





#79

Terphenyl-d14

Concen: 94.453 ng

RT: 19.975 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

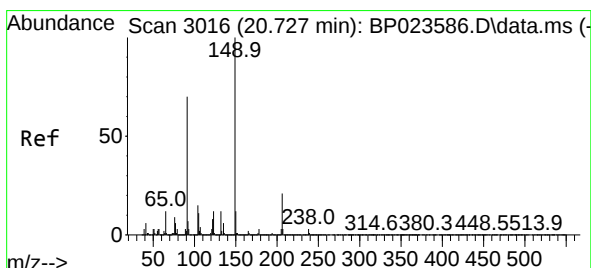
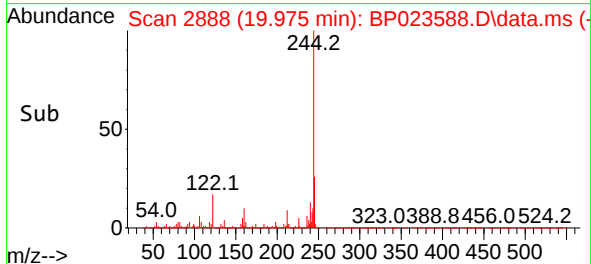
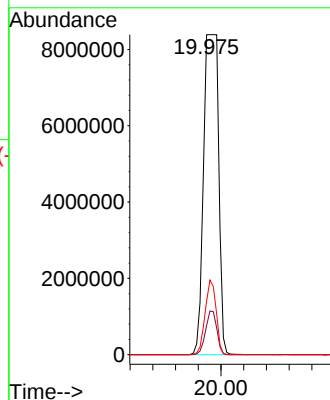
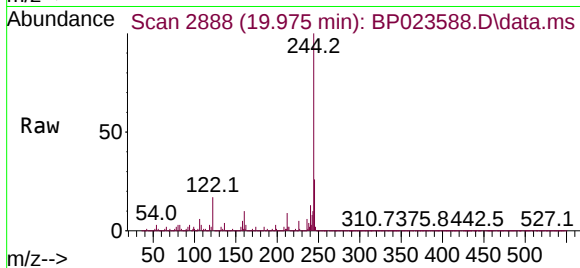
Tgt Ion:244 Resp:15431308

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

122 16.7 11.8 17.8



#80

Butylbenzylphthalate

Concen: 63.526 ng

RT: 20.716 min Scan# 3014

Delta R.T. -0.011 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

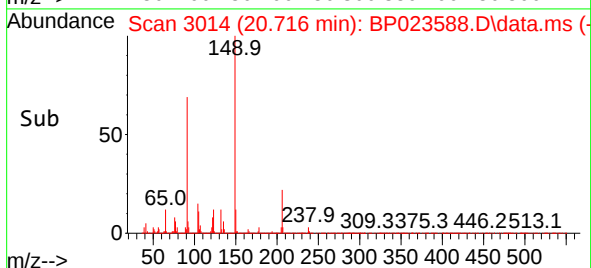
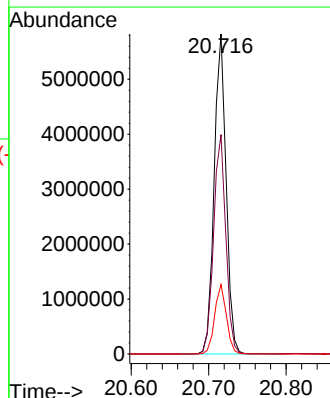
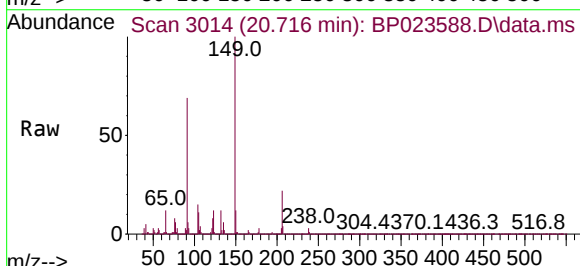
Tgt Ion:149 Resp: 6233860

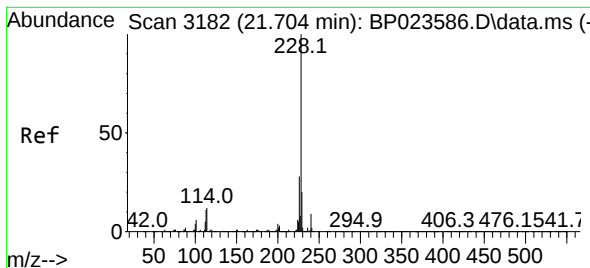
Ion Ratio Lower Upper

149 100

91 68.6 55.8 83.6

206 21.7 16.8 25.2





#81

Benzo(a)anthracene

Concen: 61.664 ng

RT: 21.692 min Scan# 3180

Delta R.T. -0.012 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

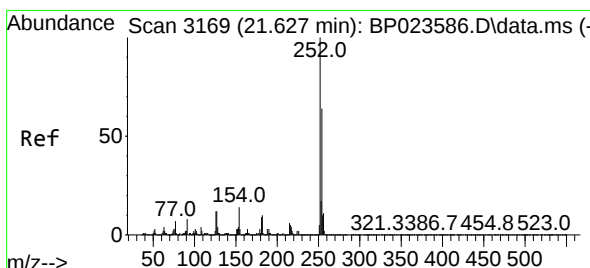
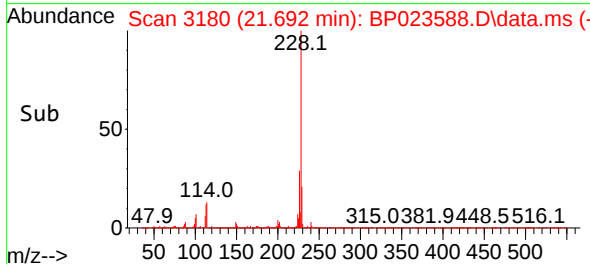
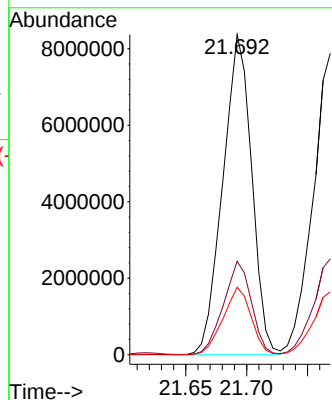
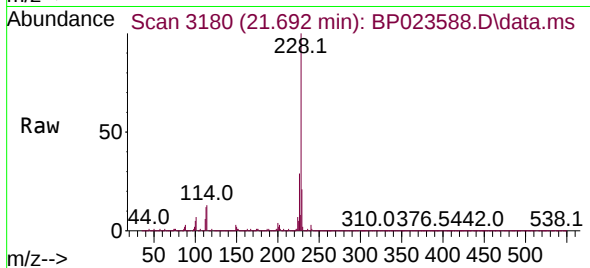
Tgt Ion:228 Resp:13769349

Ion Ratio Lower Upper

228 100

226 29.2 22.4 33.6

229 21.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 64.657 ng

RT: 21.616 min Scan# 3167

Delta R.T. -0.011 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

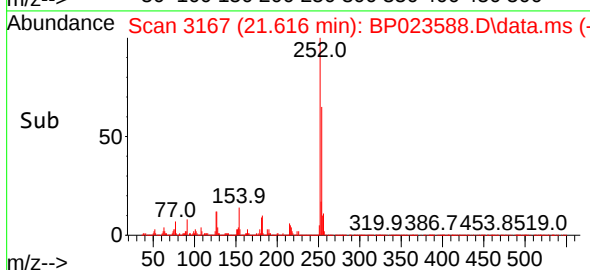
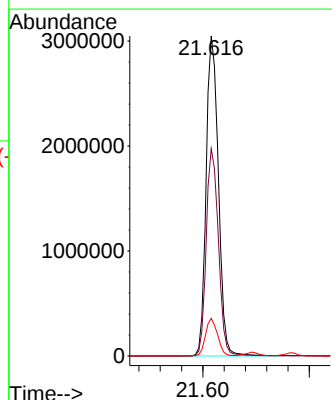
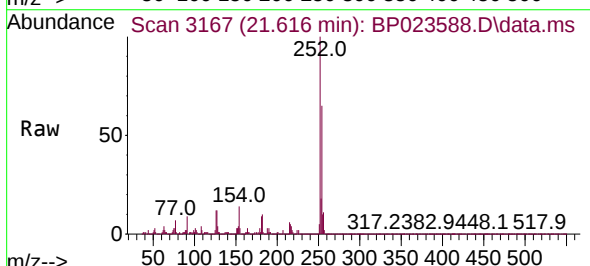
Tgt Ion:252 Resp: 4857433

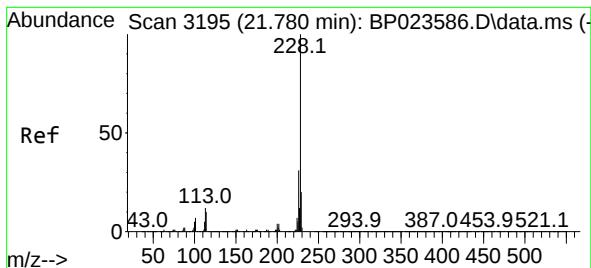
Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.0

126 11.8 9.3 13.9





#83

Chrysene

Concen: 61.130 ng

RT: 21.769 min Scan# 3195

Delta R.T. -0.012 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

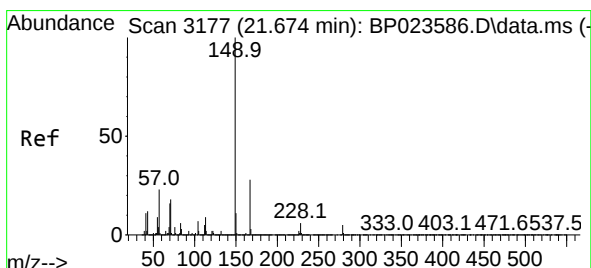
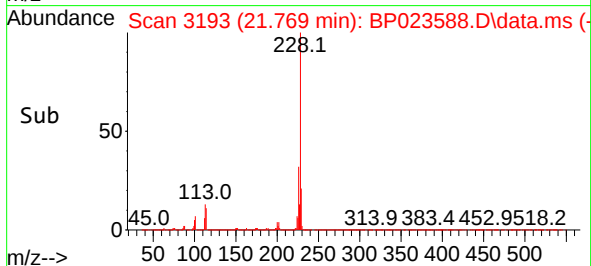
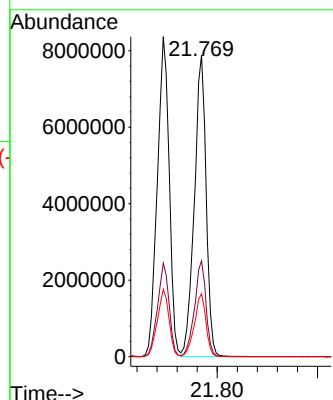
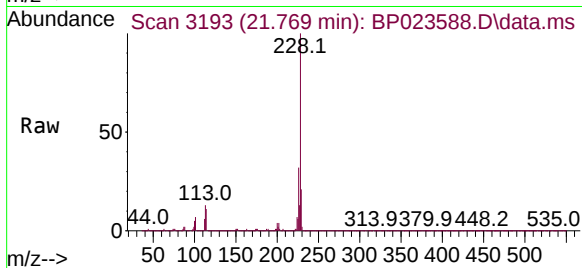
Tgt Ion:228 Resp:12826965

Ion Ratio Lower Upper

228 100

226 31.8 24.7 37.1

229 20.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.428 ng

RT: 21.669 min Scan# 3176

Delta R.T. -0.006 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

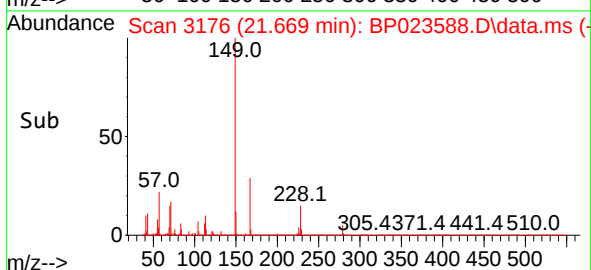
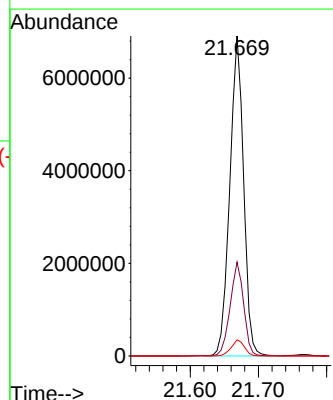
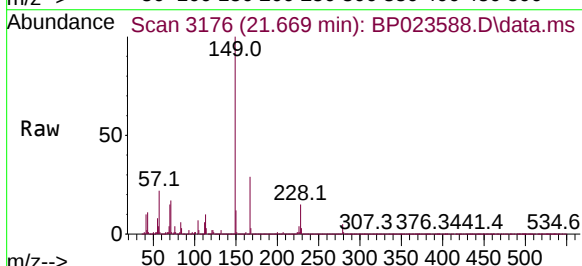
Tgt Ion:149 Resp: 9744732

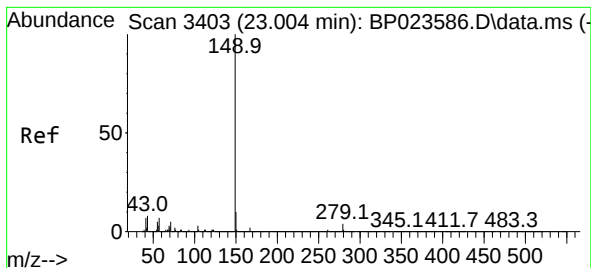
Ion Ratio Lower Upper

149 100

167 29.4 22.7 34.1

279 5.0 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 70.002 ng

RT: 22.998 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

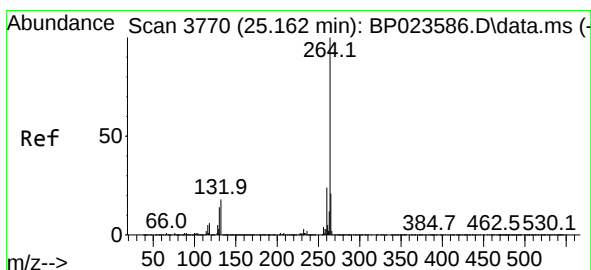
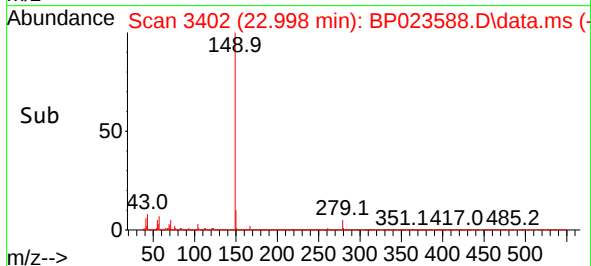
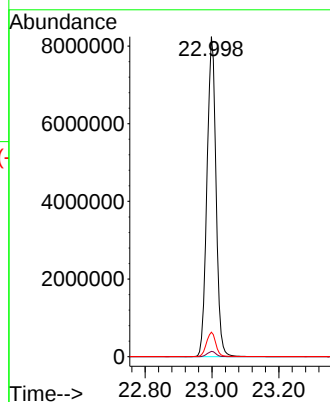
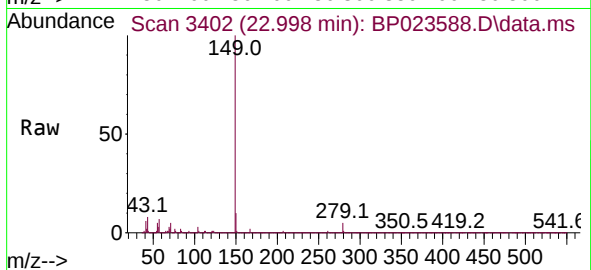
Tgt Ion:149 Resp:15494088

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.5 9.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.157 min Scan# 3769

Delta R.T. -0.006 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

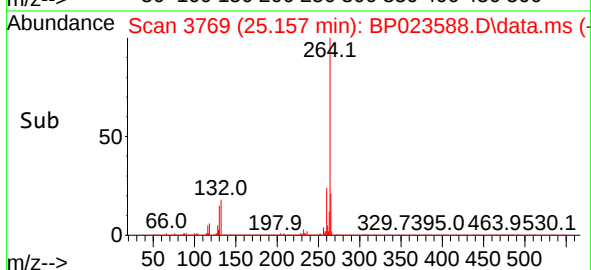
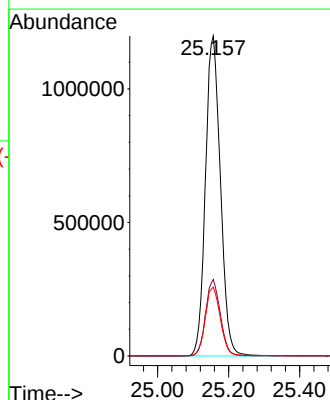
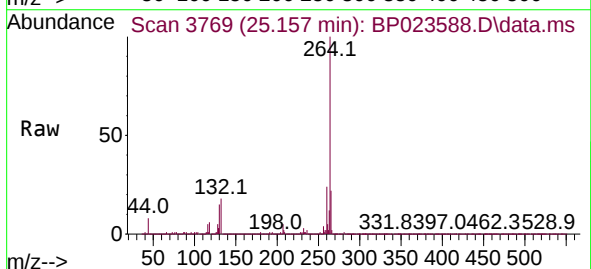
Tgt Ion:264 Resp: 3516547

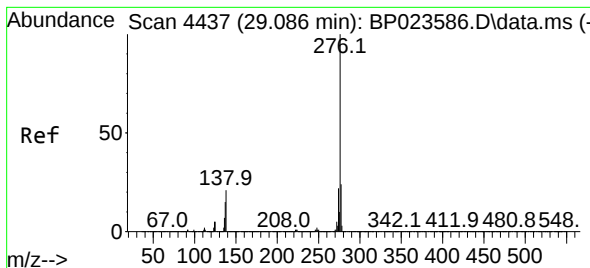
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.927 ng m

RT: 29.092 min Scan# 4437

Delta R.T. 0.006 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

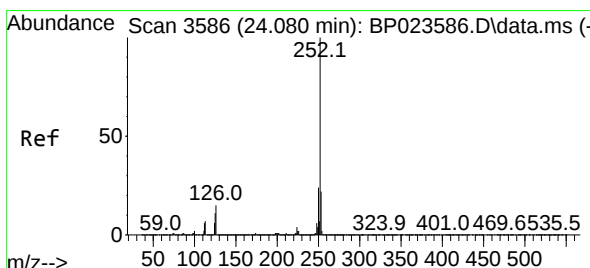
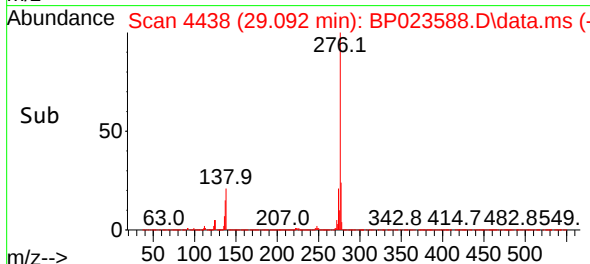
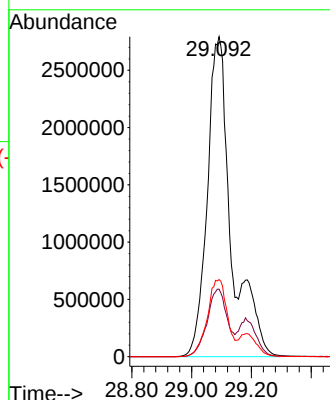
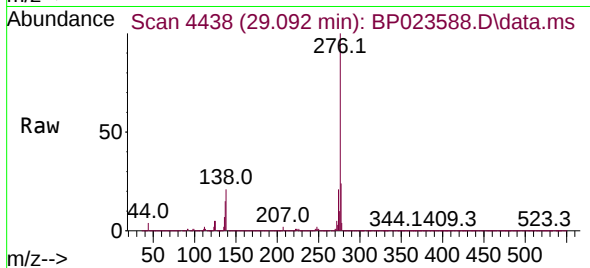
Tgt Ion:276 Resp:15587037

Ion Ratio Lower Upper

276 100

138 17.9 13.6 20.4

277 20.2 15.7 23.5



#88

Benzo(b)fluoranthene

Concen: 63.550 ng

RT: 24.080 min Scan# 3586

Delta R.T. 0.000 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

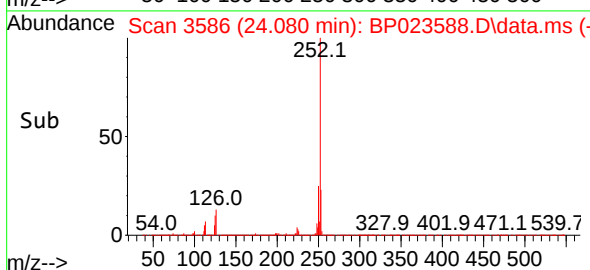
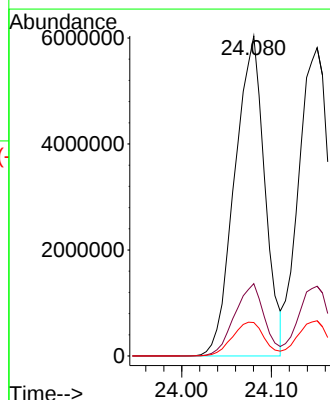
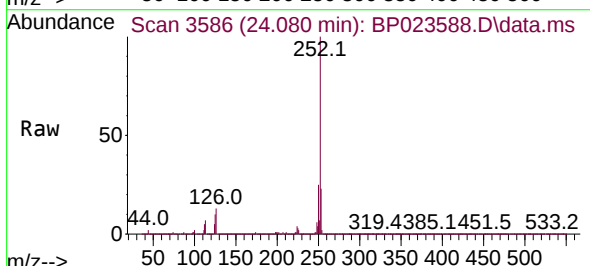
Tgt Ion:252 Resp:14034066

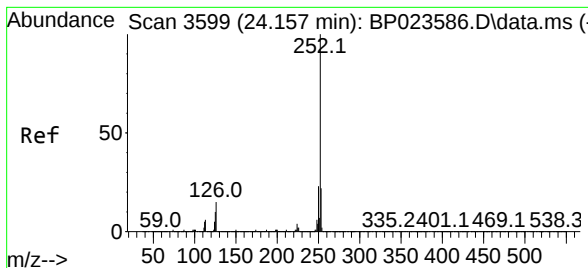
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 10.4 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 63.864 ng

RT: 24.151 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

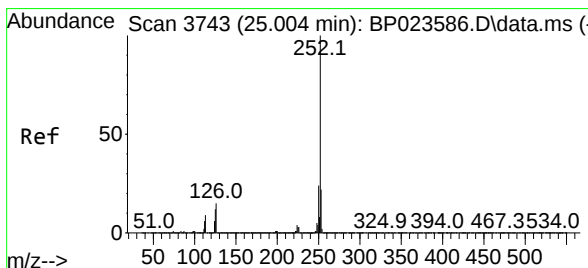
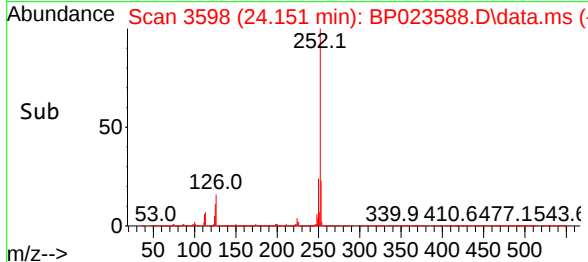
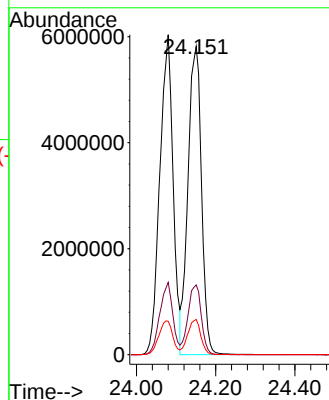
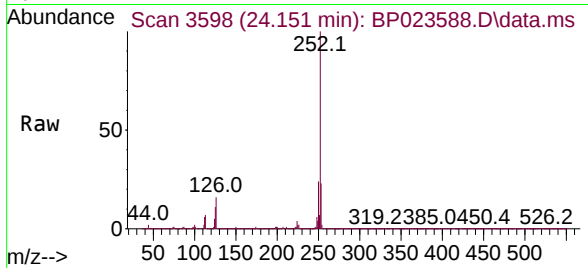
Tgt Ion:252 Resp:13769725

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 11.4 8.5 12.7



#90

Benzo(a)pyrene

Concen: 64.134 ng

RT: 24.998 min Scan# 3742

Delta R.T. -0.006 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

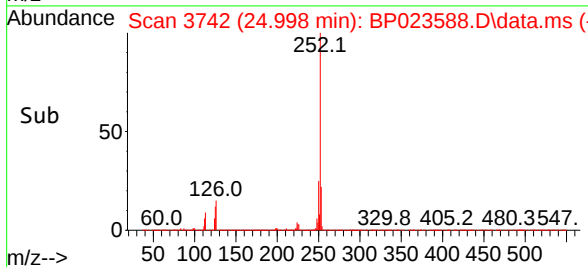
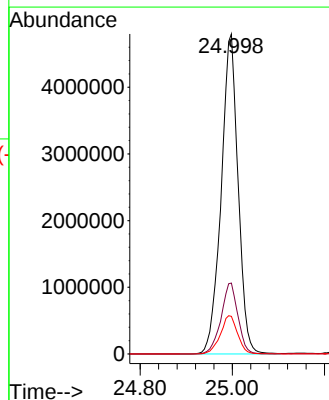
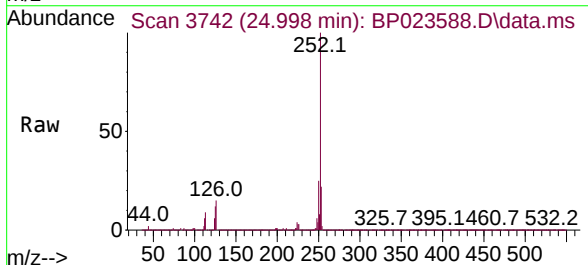
Tgt Ion:252 Resp:12164723

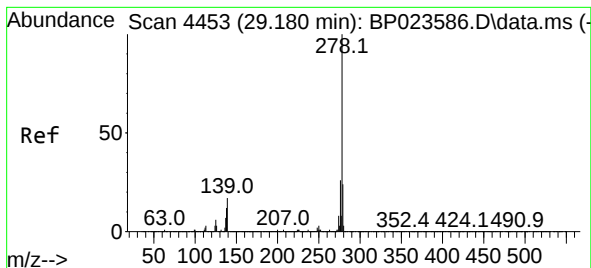
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 11.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 62.969 ng

RT: 29.186 min Scan# 4453

Delta R.T. 0.006 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Instrument :

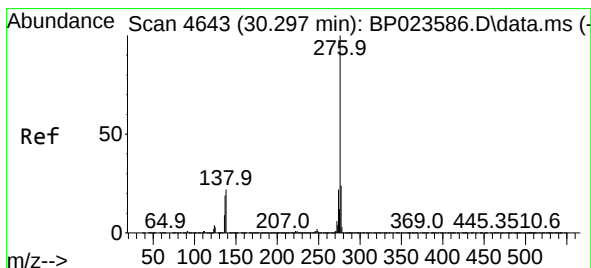
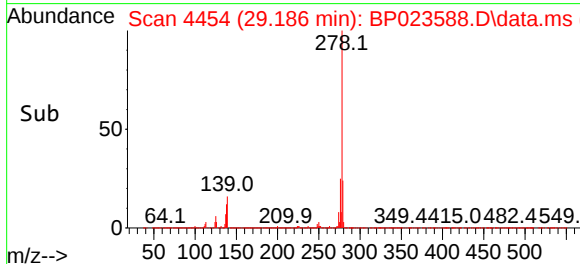
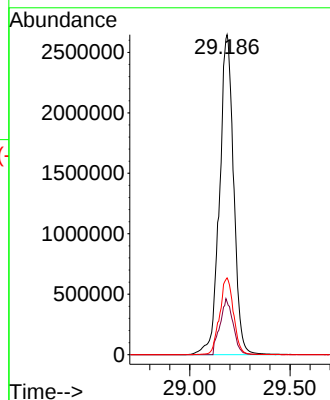
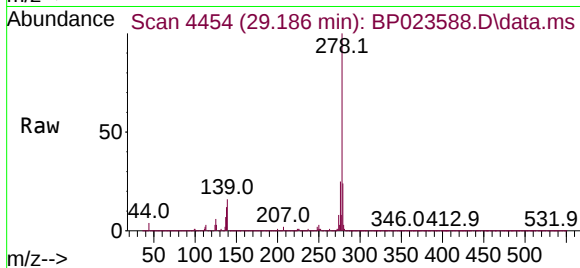
BNA\_P

ClientSampleId :

SSTDICC060

Tgt Ion:278 Resp:12960204

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 16.5  | 13.8  | 20.6  |
| 279 | 24.0  | 19.3  | 28.9  |



#92

Benzo(g,h,i)perylene

Concen: 62.205 ng

RT: 30.304 min Scan# 4644

Delta R.T. 0.006 min

Lab File: BP023588.D

Acq: 30 Dec 2024 14:19

Tgt Ion:276 Resp:12820035

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.9  | 19.4  | 29.0  |
| 138 | 21.9  | 17.8  | 26.8  |

