

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP113020\  
 Data File : BP004116.D  
 Acq On : 30 Nov 2020 17:31  
 Operator : CG/JU  
 Sample : L4891-04MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PAV-B3-112420-0-10MSD

Manual Integrations  
 APPROVED

mohammad  
 12/1/2020 10:43:23 AM

Quant Time: Nov 30 17:57:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 23 16:42:41 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.263  | 152  | 160572   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.099 | 136  | 624995   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.892 | 164  | 394166   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.628 | 188  | 797720   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.663 | 240  | 627763   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 24.133 | 264  | 475519   | 20.00  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.805  | 112  | 1431790  | 148.82 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.458  | 99   | 1727323  | 125.07 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.434  | 82   | 1276884  | 100.06 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.381 | 330  | 763116   | 154.79 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.516 | 172  | 2768287  | 98.19  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.122 | 244  | 3512345  | 108.09 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.511  | 88   | 164659   | 39.67  | ng    | # 1      |
| 3) Pyridine                   | 3.940  | 79   | 451651   | 37.10  | ng    | # 61     |
| 4) n-Nitrosodimethylamine     | 3.834  | 42   | 265835   | 47.43  | ng    | # 55     |
| 6) Aniline                    | 7.575  | 93   | 139449   | 8.89   | ng    | # 83     |
| 8) 2-Chlorophenol             | 7.840  | 128  | 574935   | 56.28  | ng    | # 80     |
| 9) Benzaldehyde               | 7.369  | 77   | 321476   | 58.51  | ng    | # 79     |
| 10) Phenol                    | 7.481  | 94   | 670890   | 50.34  | ng    | 83       |
| 11) bis(2-Chloroethyl)ether   | 7.658  | 93   | 562197   | 52.49  | ng    | # 80     |
| 12) 1,3-Dichlorobenzene       | 8.163  | 146  | 605058   | 48.33  | ng    | # 95     |
| 13) 1,4-Dichlorobenzene       | 8.299  | 146  | 619840   | 49.11  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.634  | 146  | 599311   | 49.72  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.510  | 79   | 549086   | 57.40  | ng    | 88       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.793  | 45   | 865936   | 48.00  | ng    | 83       |
| 17) 2-Methylphenol            | 8.740  | 107  | 478847   | 54.72  | ng    | # 94     |
| 18) Hexachloroethane          | 9.375  | 117  | 224328   | 50.01  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 9.075  | 70   | 452783   | 54.85  | ng    | # 77     |
| 20) 3+4-Methylphenols         | 9.069  | 107  | 633900   | 54.27  | ng    | # 86     |
| 22) Acetophenone              | 9.093  | 105  | 859251   | 51.22  | ng    | # 85     |
| 24) Nitrobenzene              | 9.475  | 77   | 668449   | 52.71  | ng    | # 81     |
| 25) Isophorone                | 9.999  | 82   | 1226224  | 56.57  | ng    | # 90     |
| 26) 2-Nitrophenol             | 10.199 | 139  | 320667   | 64.76  | ng    | # 75     |
| 27) 2,4-Dimethylphenol        | 10.275 | 122  | 500456   | 60.59  | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 10.469 | 93   | 744139   | 50.03  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.763 | 162  | 566852   | 56.95  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.963 | 180  | 601828   | 49.63  | ng    | 99       |
| 31) Naphthalene               | 11.146 | 128  | 1714154  | 51.11  | ng    | 100      |
| 32) Benzoic acid              | 10.487 | 122  | 242536   | 42.89  | ng    | # 74     |
| 33) 4-Chloroaniline           | 11.246 | 127  | 48450    | 3.40   | ng    | # 91     |
| 34) Hexachlorobutadiene       | 11.451 | 225  | 380184   | 48.07  | ng    | 99       |
| 35) Caprolactam               | 12.004 | 113  | 146308   | 47.54  | ng    | # 20     |
| 36) 4-Chloro-3-methylphenol   | 12.387 | 107  | 603439   | 56.16  | ng    | 90       |
| 37) 2-Methylnaphthalene       | 12.734 | 142  | 1255405  | 52.31  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.951 | 142  | 1165055  | 50.89  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 13.116 | 216  | 673101   | 51.60  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.104 | 237  | 487186   | 74.03  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.351 | 196  | 451080   | 55.94  | ng    | 99       |

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Quant Time: Nov 30 17:57:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 23 16:42:41 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.440 | 196  | 476158   | 56.08  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.722 | 154  | 1585167  | 51.81  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.775 | 162  | 1243976  | 49.55  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.963 | 65   | 404587   | 54.01  | ng    | # 61     |
| 49) Acenaphthylene            | 14.616 | 152  | 1919206  | 52.06  | ng    | 100      |
| 50) Dimethylphthalate         | 14.328 | 163  | 1843573  | 59.84  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.445 | 165  | 361437   | 57.17  | ng    | # 79     |
| 52) Acenaphthene              | 14.957 | 154  | 1375173m | 56.00  | ng    |          |
| 53) 3-Nitroaniline            | 14.775 | 138  | 65333    | 9.34   | ng    | # 74     |
| 54) 2,4-Dinitrophenol         | 14.998 | 184  | 345552   | 91.59  | ng    | # 87     |
| 55) Dibenzofuran              | 15.287 | 168  | 1870294  | 51.26  | ng    | 99       |
| 56) 4-Nitrophenol             | 15.128 | 139  | 460721   | 91.35  | ng    | # 66     |
| 57) 2,4-Dinitrotoluene        | 15.239 | 165  | 490635   | 57.80  | ng    | # 76     |
| 58) Fluorene                  | 15.934 | 166  | 1511068  | 51.72  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.528 | 232  | 399730   | 52.22  | ng    | 97       |
| 60) Diethylphthalate          | 15.675 | 149  | 1565776  | 51.90  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.910 | 204  | 806832   | 50.53  | ng    | 96       |
| 62) 4-Nitroaniline            | 15.939 | 138  | 300308   | 41.16  | ng    | 86       |
| 63) Azobenzene                | 16.204 | 77   | 1454810  | 51.08  | ng    | 86       |
| 65) 4,6-Dinitro-2-methylph... | 16.022 | 198  | 260086   | 58.90  | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 16.122 | 169  | 1332254  | 54.56  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.798 | 248  | 495043   | 53.04  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.969 | 284  | 544513   | 51.13  | ng    | 98       |
| 69) Atrazine                  | 17.057 | 200  | 417916   | 52.13  | ng    | 99       |
| 70) Pentachlorophenol         | 17.304 | 266  | 512479   | 100.59 | ng    | 99       |
| 71) Phenanthrene              | 17.669 | 178  | 2324673  | 51.92  | ng    | 99       |
| 72) Anthracene                | 17.757 | 178  | 2334709  | 53.99  | ng    | 99       |
| 73) Carbazole                 | 18.016 | 167  | 2097384  | 52.28  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.522 | 149  | 2621212  | 56.44  | ng    | # 99     |
| 75) Fluoranthene              | 19.604 | 202  | 2620219  | 50.72  | ng    | 99       |
| 77) Benzidine                 | 19.751 | 184  | 91082    | 6.15   | ng    | 99       |
| 78) Pyrene                    | 19.951 | 202  | 2640064  | 61.97  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.769 | 149  | 1086998  | 68.48  | ng    | # 87     |
| 81) Benzo(a)anthracene        | 21.645 | 228  | 2206455  | 53.30  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.557 | 252  | 238759   | 16.72  | ng    | 98       |
| 83) Chrysene                  | 21.704 | 228  | 2092667  | 52.61  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.516 | 149  | 1568263  | 67.03  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.445 | 149  | 2487717  | 63.82  | ng    | # 87     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.704 | 276  | 1666257  | 48.57  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.386 | 252  | 1807668  | 58.09  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.433 | 252  | 1659726  | 54.02  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.027 | 252  | 1443484  | 50.11  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.692 | 278  | 1405265  | 49.15  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.492 | 276  | 1410392  | 50.96  | ng    | 98       |

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

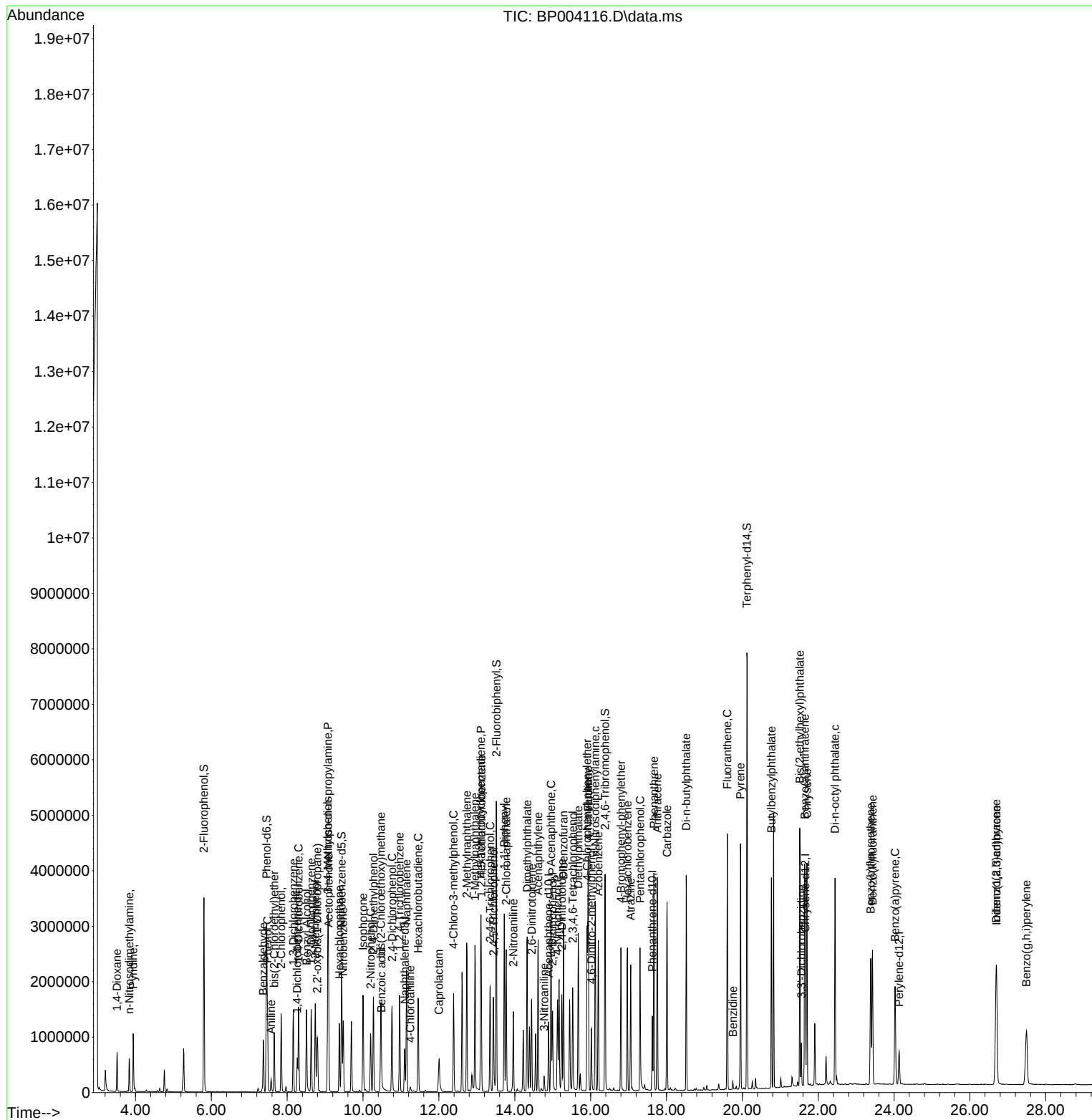
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP113020\  
 Data File : BP004116.D  
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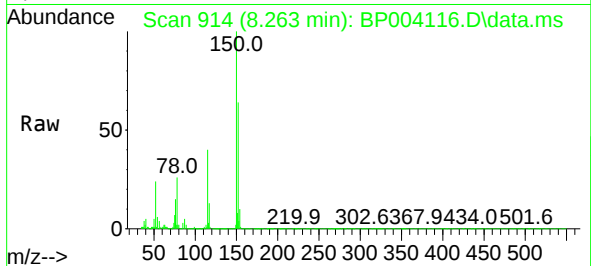
Quant Time: Nov 30 17:57:13 2020  
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#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.263 min Scan# 914  
Delta R.T. -0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

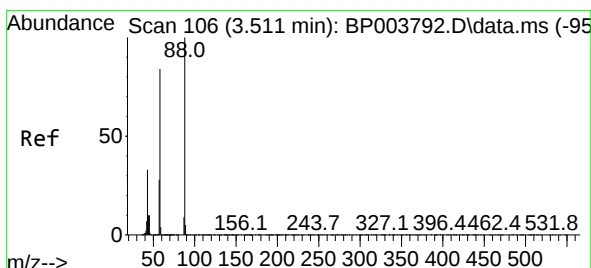
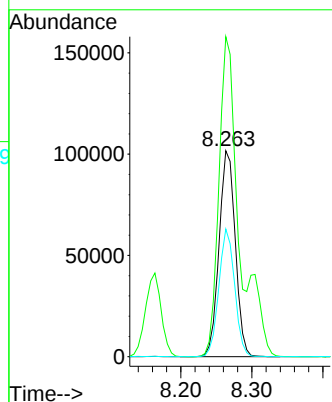
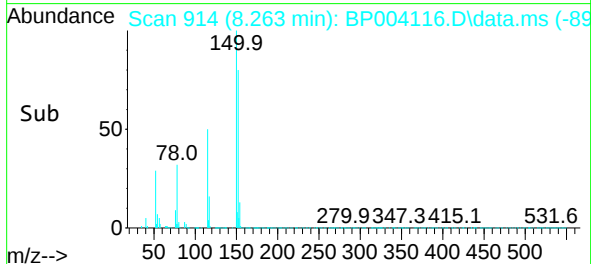
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



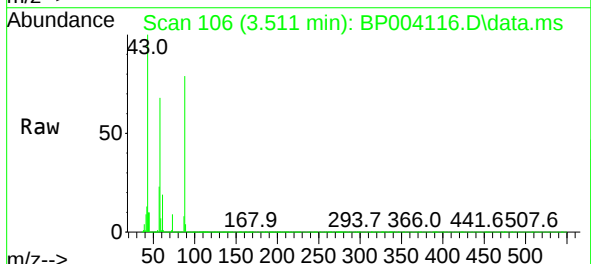
Tgt Ion:152 Resp: 160572  
Ion Ratio Lower Upper  
152 100  
150 155.3 123.8 185.6  
115 62.0 43.8 65.6

Manual Integrations  
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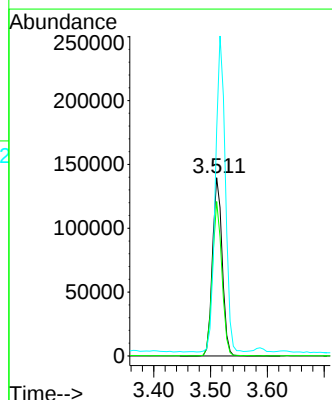
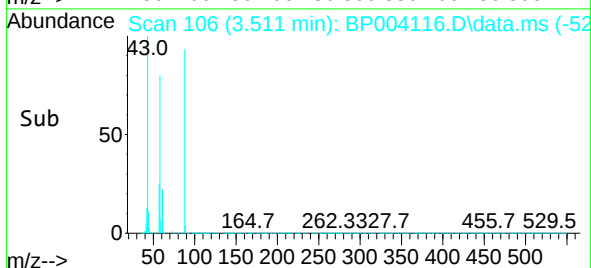
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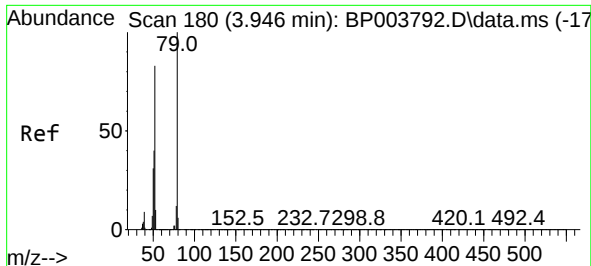


#2  
1,4-Dioxane  
Concen: 39.67 ng  
RT: 3.511 min Scan# 106  
Delta R.T. 0.018 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



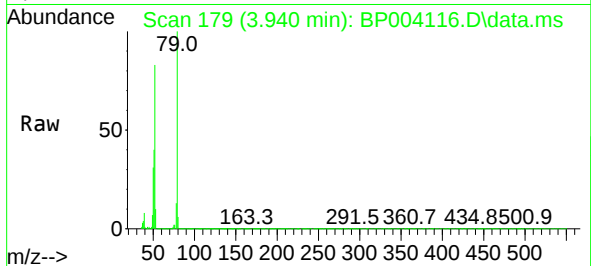
Tgt Ion: 88 Resp: 164659  
Ion Ratio Lower Upper  
88 100  
58 84.7 44.2 66.4#  
43 179.9 15.2 22.8#





#3  
Pyridine  
Concen: 37.10 ng  
RT: 3.940 min Scan# 179  
Delta R.T. 0.012 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

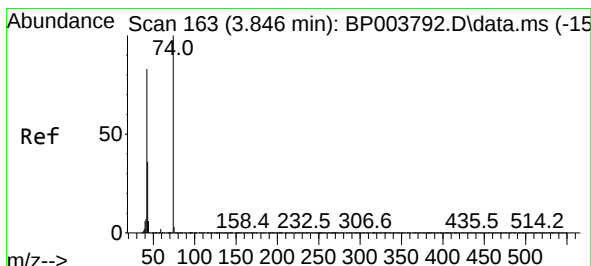
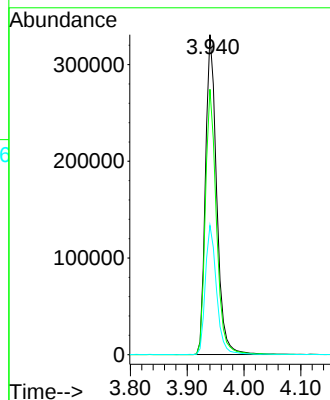
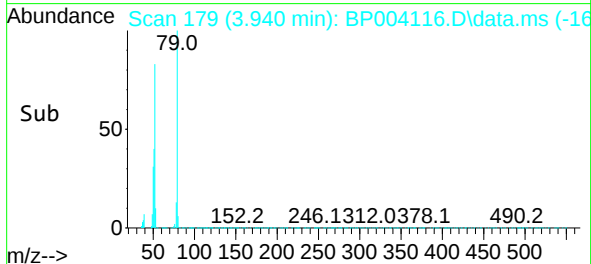
Instrument :  
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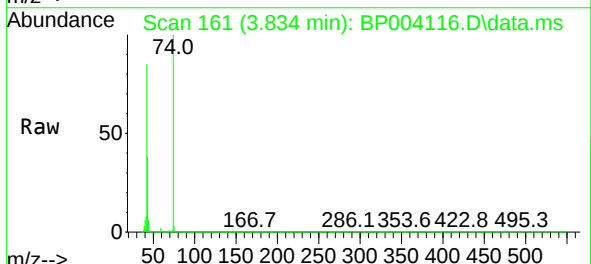
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Ion Ratio Lower Upper  
79 100  
52 83.0 41.3 61.9#  
51 40.4 21.2 31.8#

Manual Integrations  
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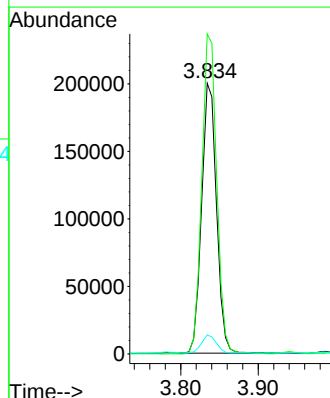
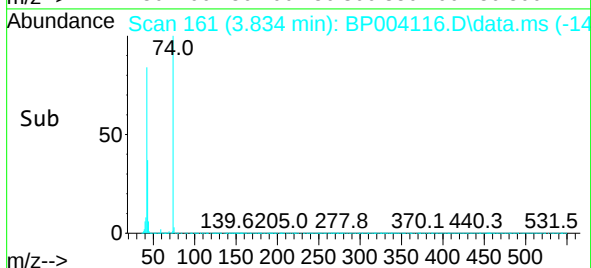
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#4  
n-Nitrosodimethylamine  
Concen: 47.43 ng  
RT: 3.834 min Scan# 161  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



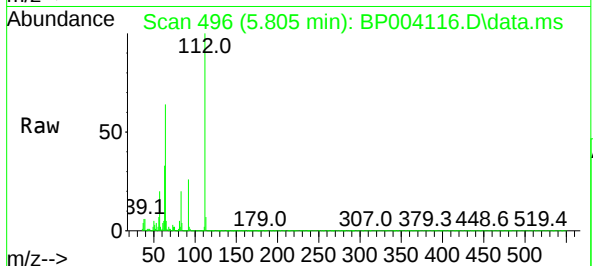
Tgt Ion: 42 Resp: 265835  
Ion Ratio Lower Upper  
42 100  
74 118.2 148.6 223.0#  
44 7.0 5.3 7.9





#5  
2-Fluorophenol  
Concen: 148.82 ng  
RT: 5.805 min Scan# 496  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

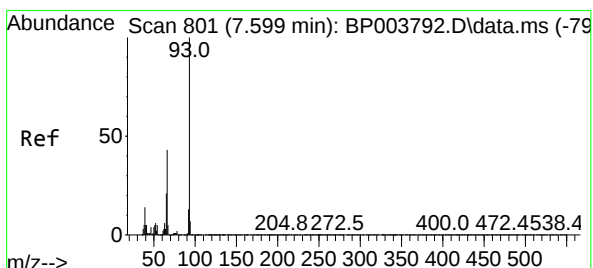
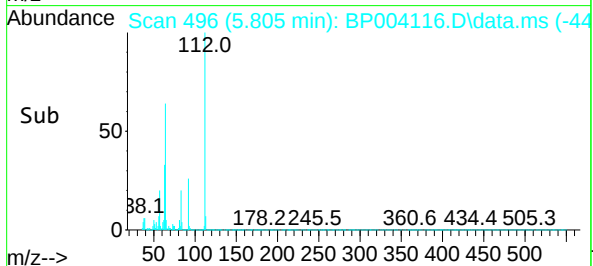
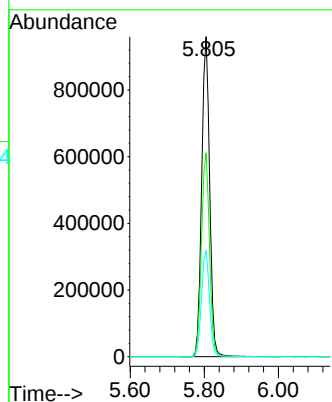
Instrument :  
BNA\_P  
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Tgt Ion:112 Resp: 1431790  
Ion Ratio Lower Upper  
112 100  
64 63.7 32.8 49.2#  
63 33.0 17.0 25.4#

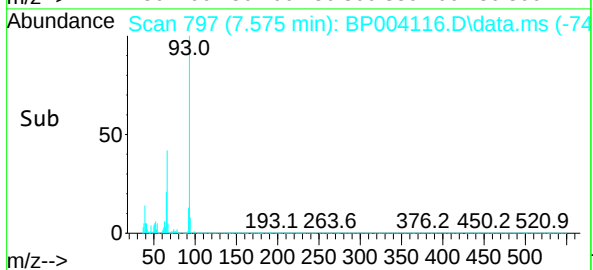
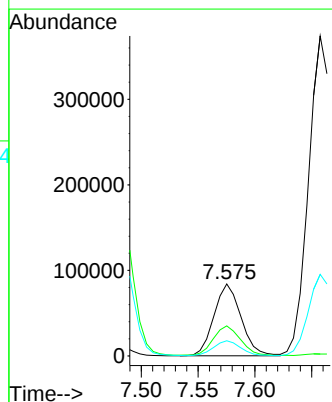
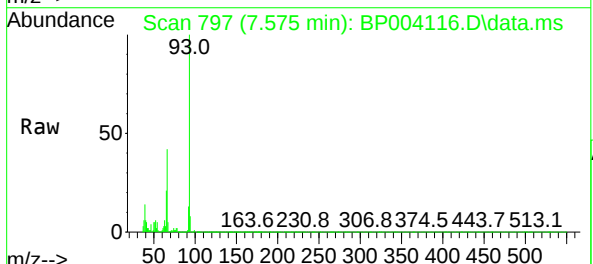
Manual Integrations  
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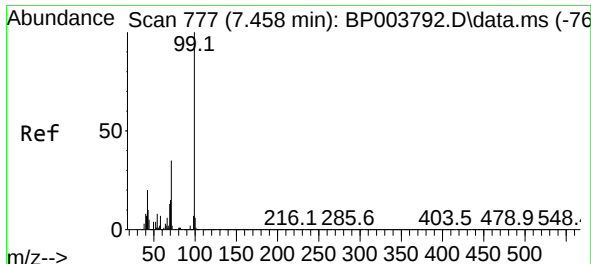
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12/1/2020 10:43:23 AM



#6  
Aniline  
Concen: 8.89 ng  
RT: 7.575 min Scan# 797  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

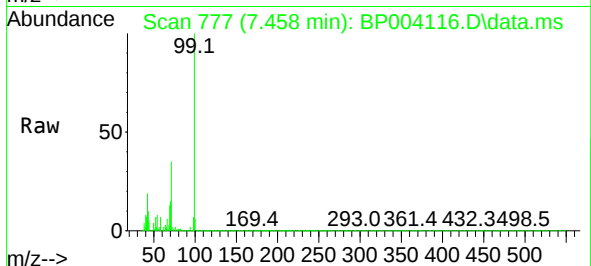
Tgt Ion: 93 Resp: 139449  
Ion Ratio Lower Upper  
93 100  
66 41.7 25.4 38.0#  
65 21.2 12.5 18.7#





#7  
Phenol-d6  
Concen: 125.07 ng  
RT: 7.458 min Scan# 777  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

Instrument :  
BNA\_P  
ClientSampleId :  
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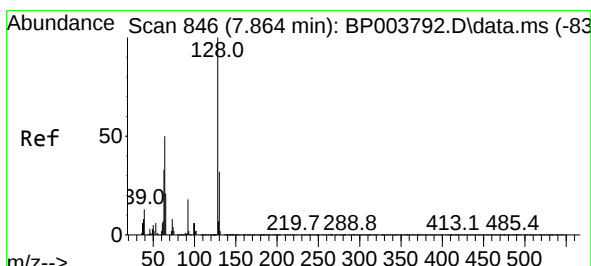
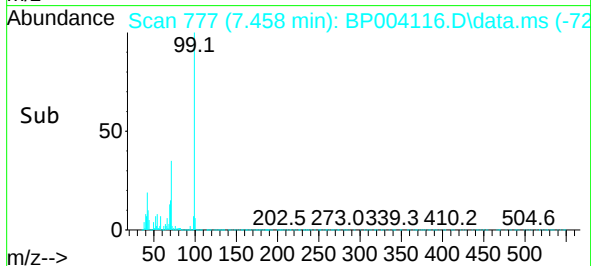
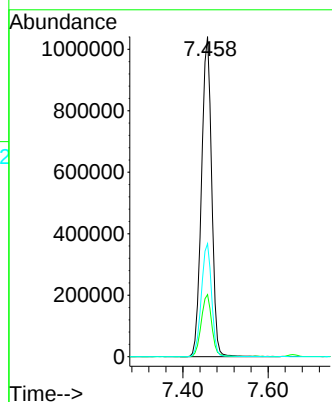


Tgt Ion: 99 Resp: 1727323

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.4  | 8.6   | 13.0# |
| 71  | 35.3  | 23.4  | 35.2# |

Manual Integrations  
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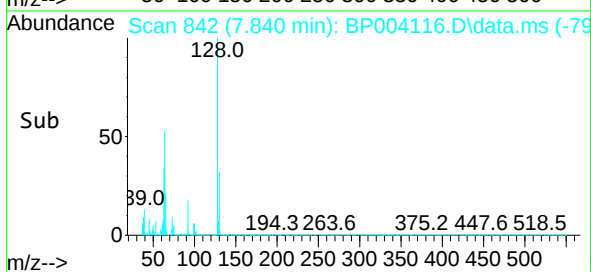
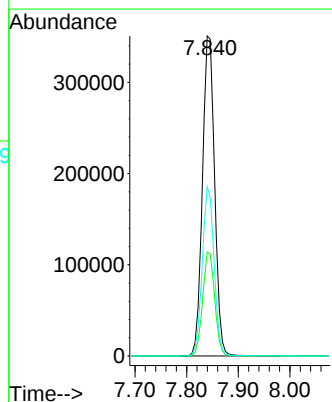
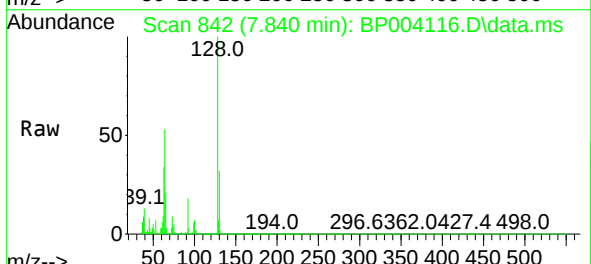
mohammad  
12/1/2020 10:43:23 AM

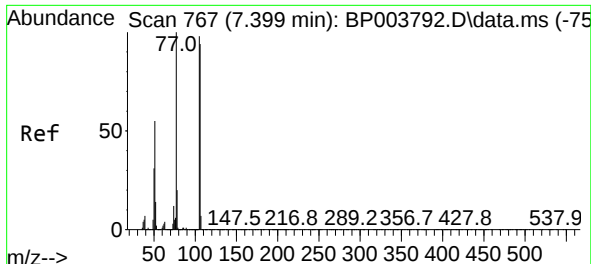


#8  
2-Chlorophenol  
Concen: 56.28 ng  
RT: 7.840 min Scan# 842  
Delta R.T. -0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

Tgt Ion: 128 Resp: 574935

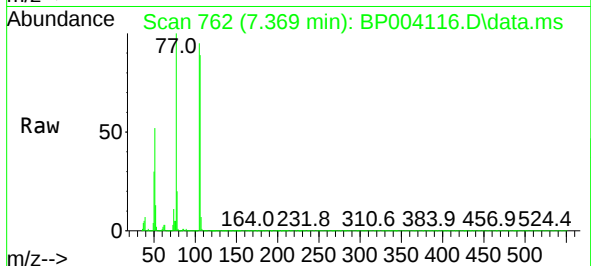
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.5  | 13.0  | 53.0  |
| 64  | 52.8  | 10.4  | 50.4# |





#9  
Benzaldehyde  
Concen: 58.51 ng  
RT: 7.369 min Scan# 762  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

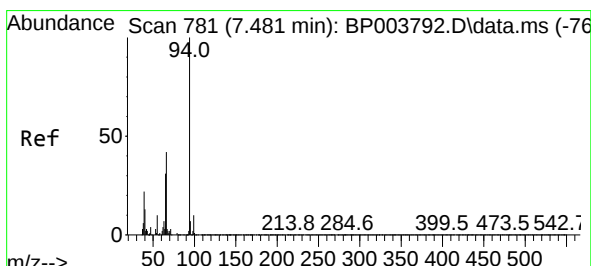
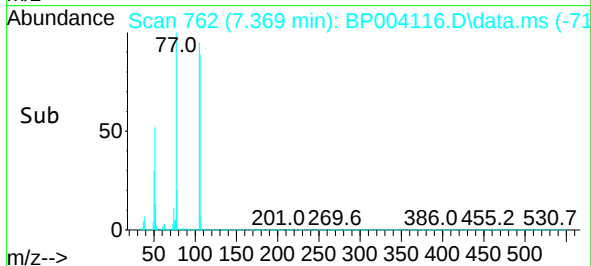
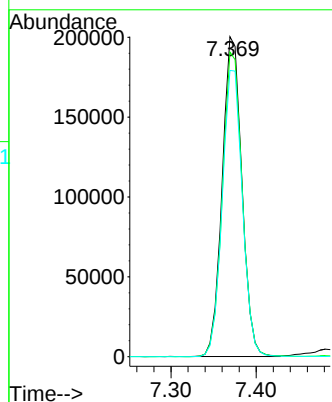
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



Tgt Ion: 77 Resp: 321476  
Ion Ratio Lower Upper  
77 100  
105 95.2 97.1 137.1#  
106 89.4 93.7 133.7#

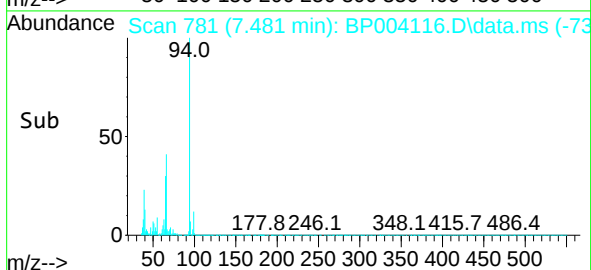
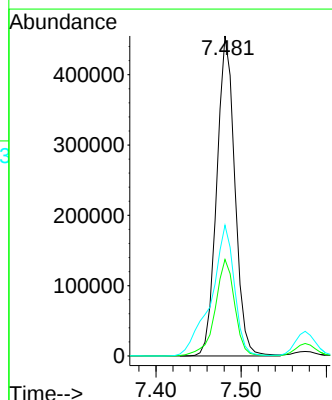
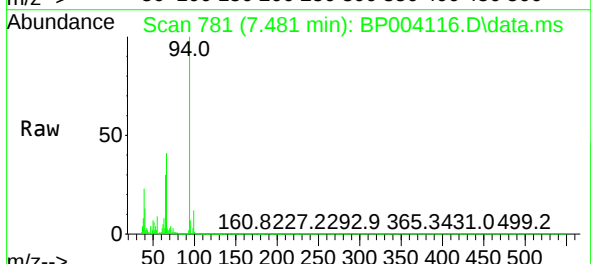
Manual Integrations  
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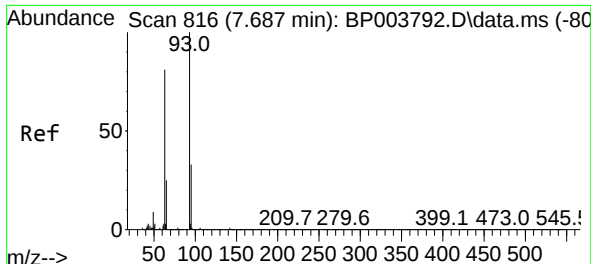
mohammad  
12/1/2020 10:43:23 AM



#10  
Phenol  
Concen: 50.34 ng  
RT: 7.481 min Scan# 781  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

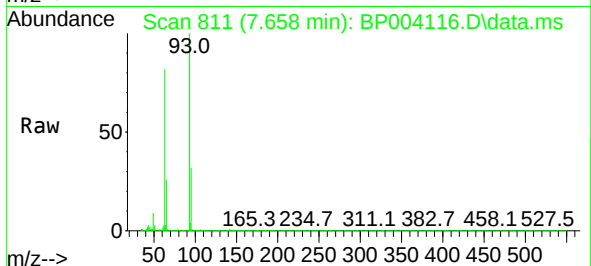
Tgt Ion: 94 Resp: 670890  
Ion Ratio Lower Upper  
94 100  
65 30.1 2.3 42.3  
66 40.9 10.9 50.9





#11  
bis(2-Chloroethyl)ether  
Concen: 52.49 ng  
RT: 7.658 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

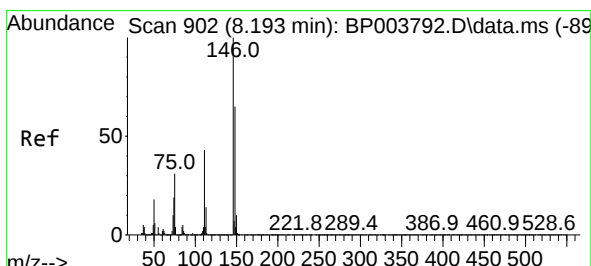
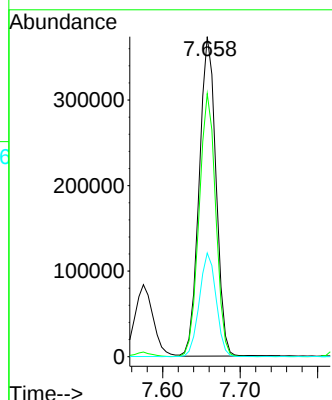
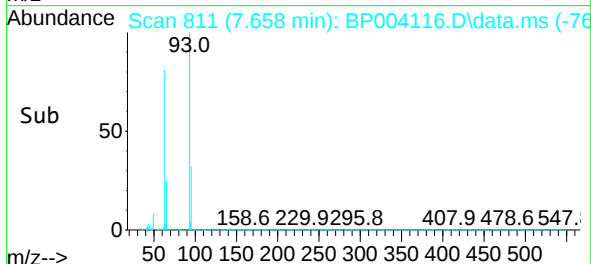
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



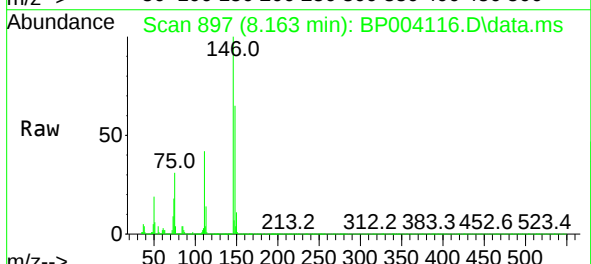
Tgt Ion: 93 Resp: 562197  
Ion Ratio Lower Upper  
93 100  
63 82.2 39.0 79.0#  
95 32.4 12.8 52.8

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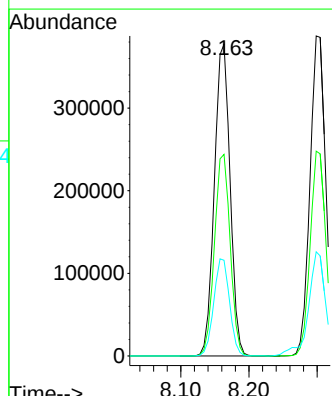
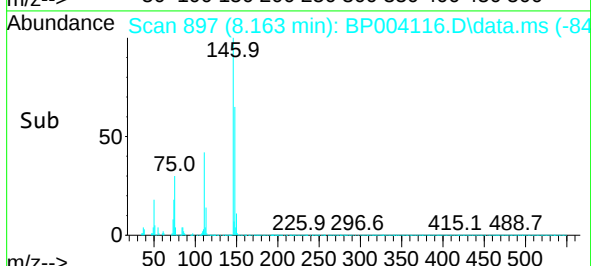
mohammad  
12/1/2020 10:43:23 AM



#12  
1,3-Dichlorobenzene  
Concen: 48.33 ng  
RT: 8.163 min Scan# 897  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



Tgt Ion: 146 Resp: 605058  
Ion Ratio Lower Upper  
146 100  
148 64.6 52.5 78.7  
75 30.7 18.1 27.1#





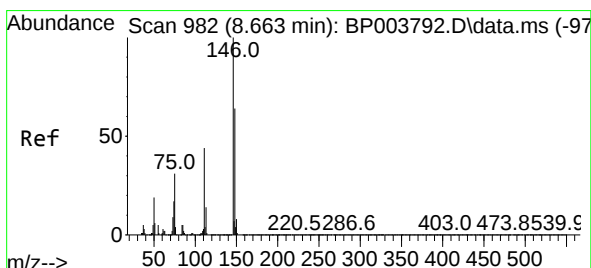
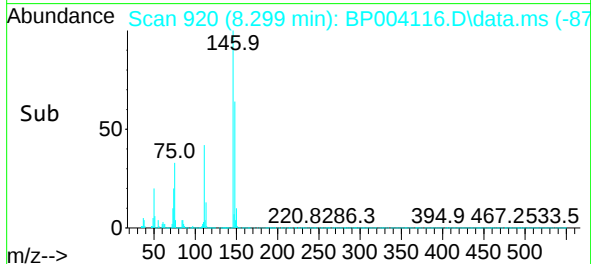
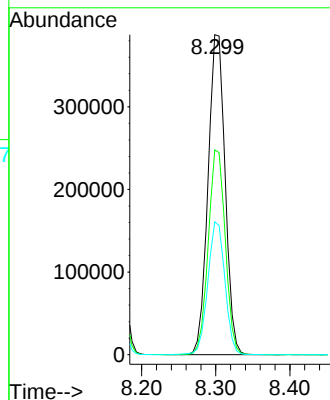
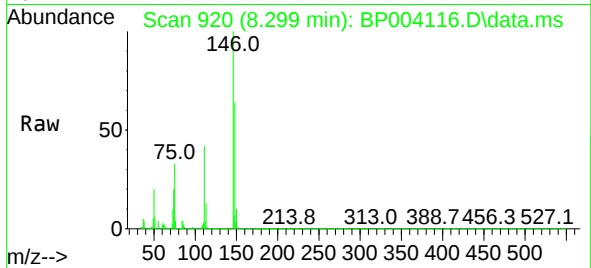
#13  
1,4-Dichlorobenzene  
Concen: 49.11 ng  
RT: 8.299 min Scan# 920  
Delta R.T. -0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

Tgt Ion:146 Resp: 619840  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.3 76.9  
111 41.5 28.9 43.3

Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD

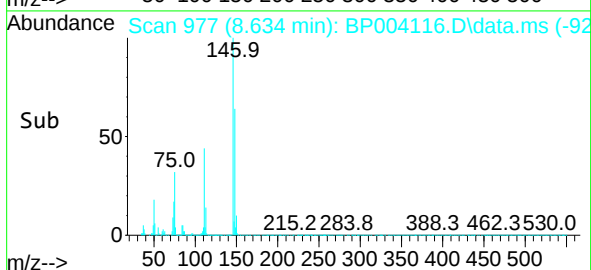
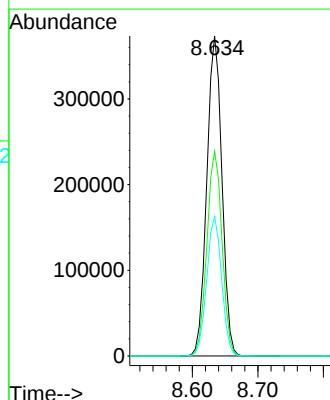
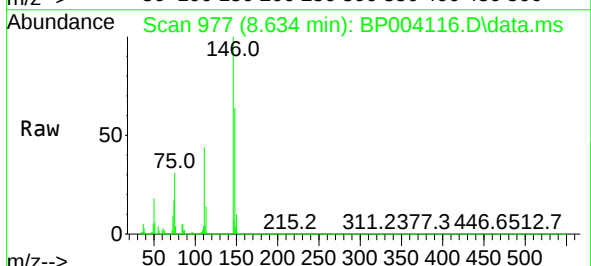
Manual Integrations  
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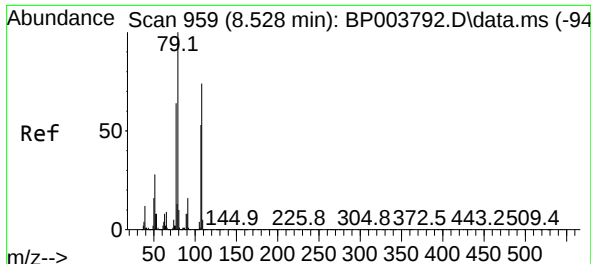
mohammad  
12/1/2020 10:43:23 AM



#14  
1,2-Dichlorobenzene  
Concen: 49.72 ng  
RT: 8.634 min Scan# 977  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

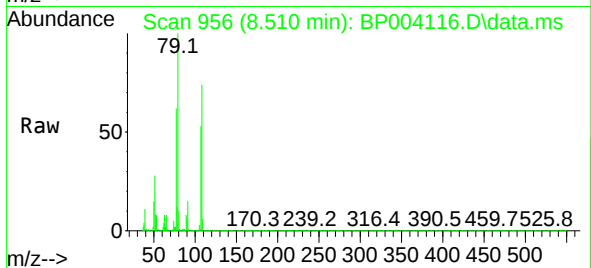
Tgt Ion:146 Resp: 599311  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.6 77.4  
111 43.6 31.0 46.6





#15  
Benzyl Alcohol  
Concen: 57.40 ng  
RT: 8.510 min Scan# 956  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

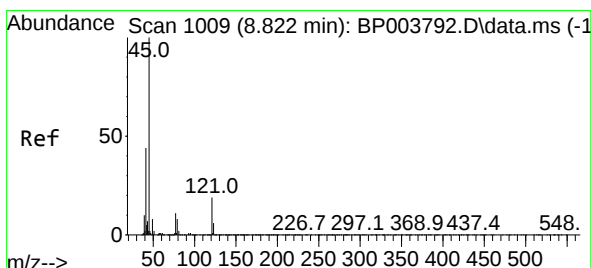
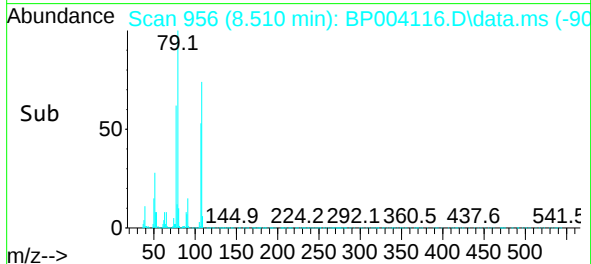
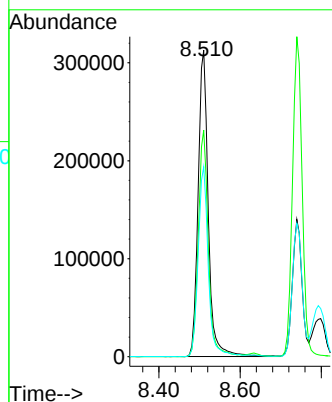
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



Tgt Ion: 79 Resp: 549086  
Ion Ratio Lower Upper  
79 100  
108 73.9 73.5 110.3  
77 62.0 50.3 75.5

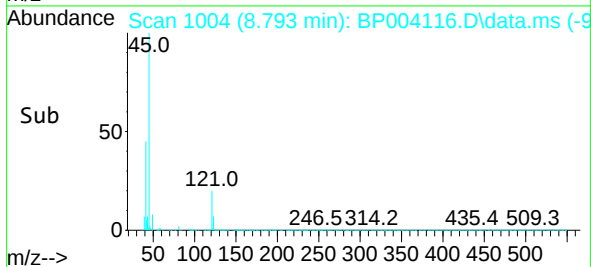
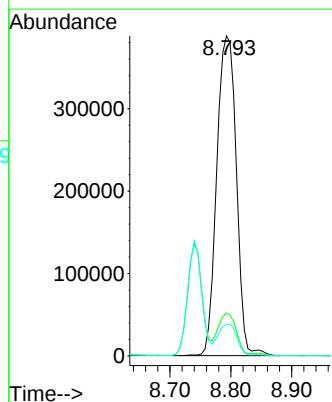
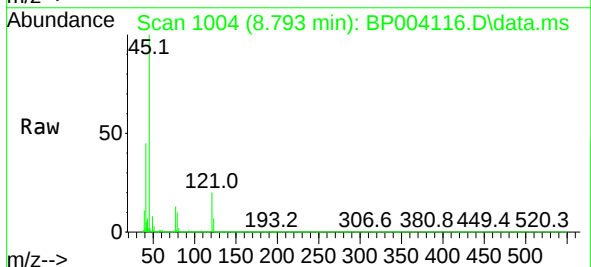
Manual Integrations  
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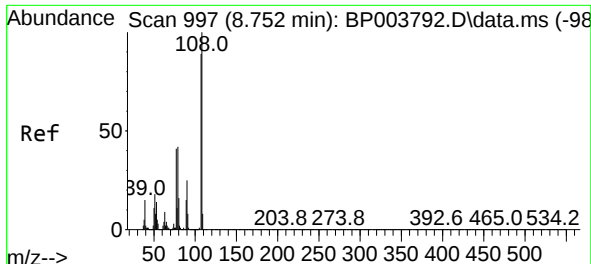
mohammad  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.00 ng  
RT: 8.793 min Scan# 1004  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

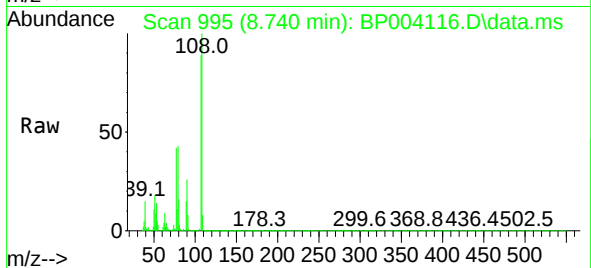
Tgt Ion: 45 Resp: 865936  
Ion Ratio Lower Upper  
45 100  
77 13.4 2.3 42.3  
79 9.8 0.0 36.6





#17  
2-Methylphenol  
Concen: 54.72 ng  
RT: 8.740 min Scan# 995  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

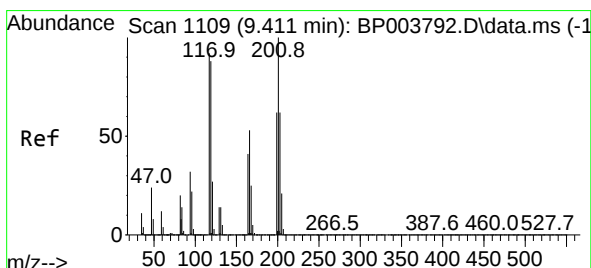
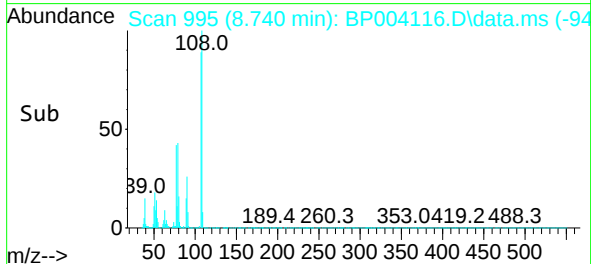
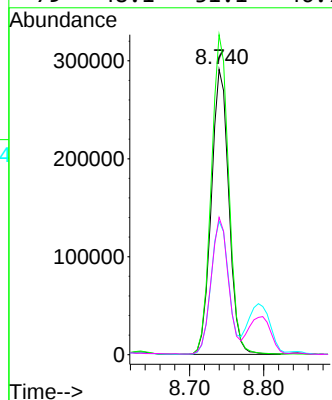
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



Tgt Ion:107 Resp: 478847  
Ion Ratio Lower Upper  
107 100  
108 112.2 89.6 134.4  
77 46.7 31.8 47.6  
79 48.1 31.1 46.7#

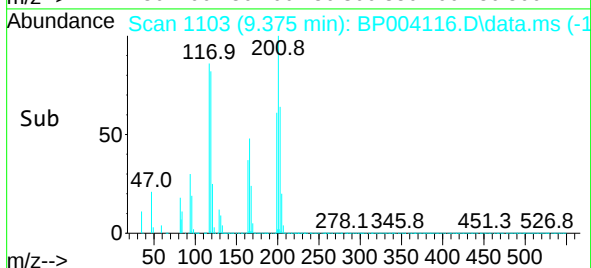
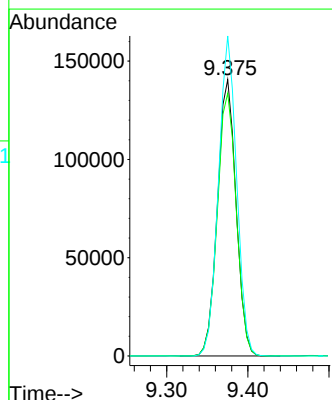
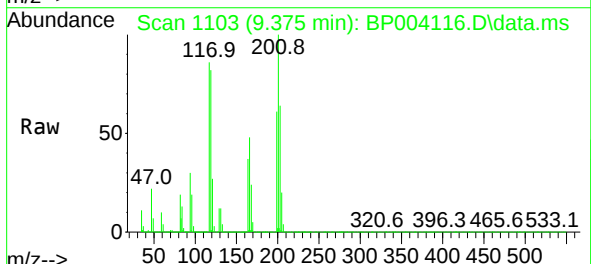
Manual Integrations  
APPROVED

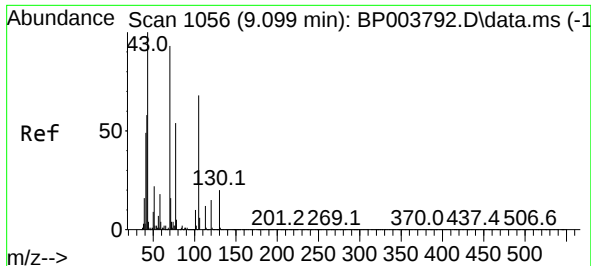
mohammad  
12/1/2020 10:43:23 AM



#18  
Hexachloroethane  
Concen: 50.01 ng  
RT: 9.375 min Scan# 1103  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

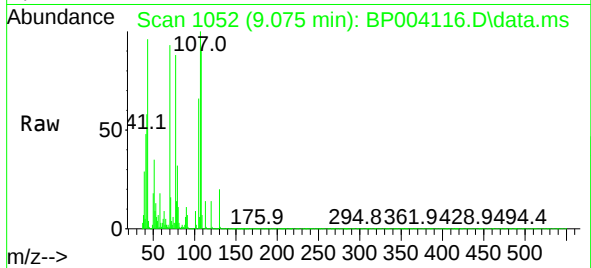
Tgt Ion:117 Resp: 224328  
Ion Ratio Lower Upper  
117 100  
119 95.1 78.8 118.2  
201 115.8 92.3 138.5





#19  
n-Nitroso-di-n-propylamine  
Concen: 54.85 ng  
RT: 9.075 min Scan# 1052  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

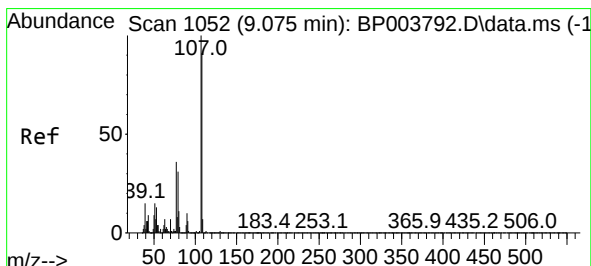
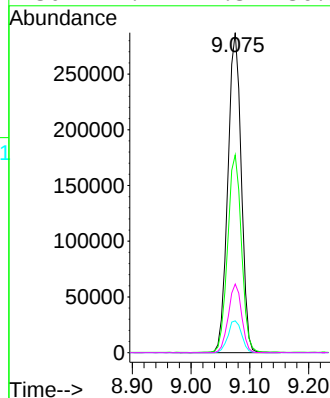
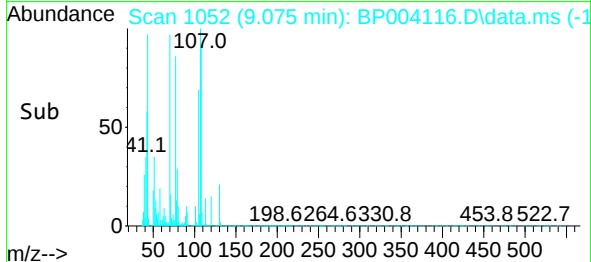
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



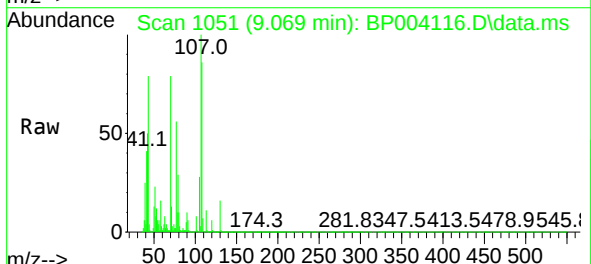
Tgt Ion: 70 Resp: 452783  
Ion Ratio Lower Upper  
70 100  
42 61.8 32.8 49.2#  
101 10.0 9.6 14.4  
130 21.4 24.3 36.5#

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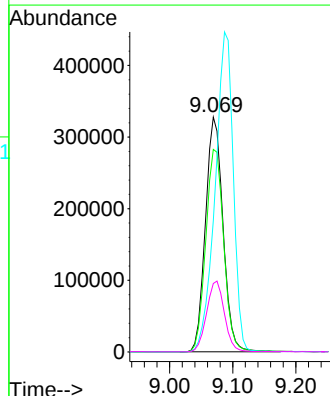
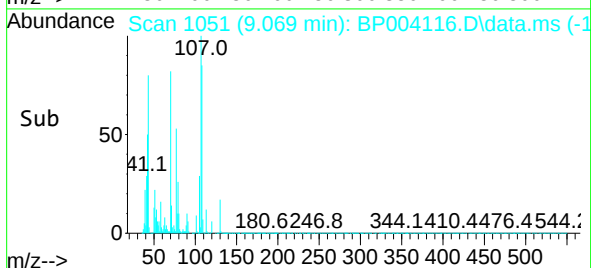
mohammad  
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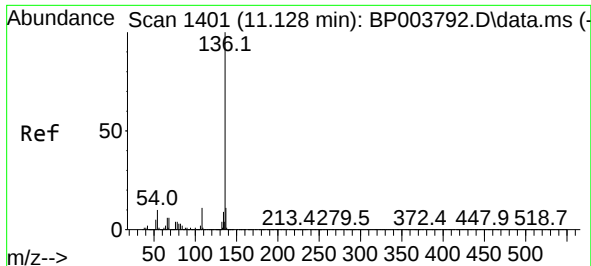


#20  
3+4-Methylphenols  
Concen: 54.27 ng  
RT: 9.069 min Scan# 1051  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



Tgt Ion: 107 Resp: 633900  
Ion Ratio Lower Upper  
107 100  
108 86.2 69.0 109.0  
77 55.9 8.5 48.5#  
79 29.2 4.8 44.8





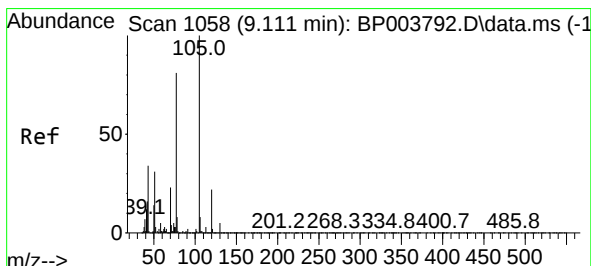
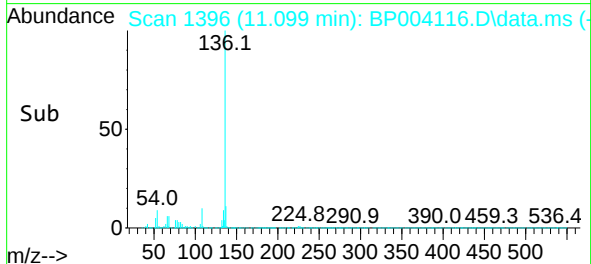
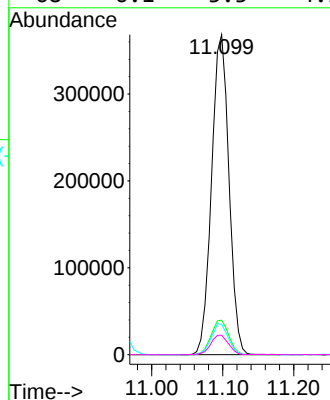
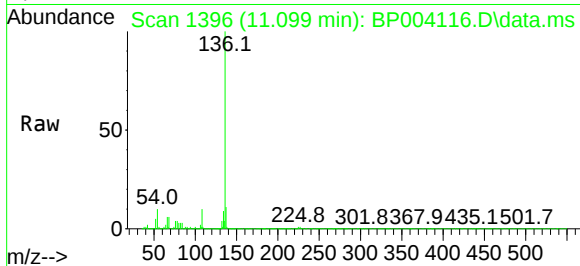
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.099 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 624995 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.7  | 8.6   | 13.0   |
| 54        | 9.5   | 3.6   | 5.4#   |
| 68        | 6.1   | 3.3   | 4.9#   |

Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD

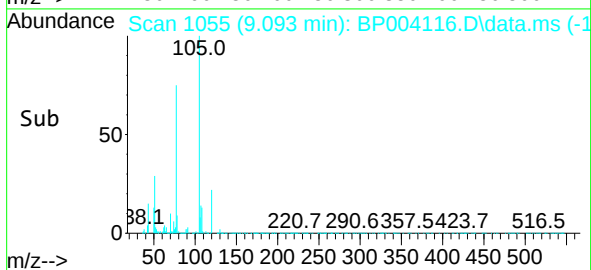
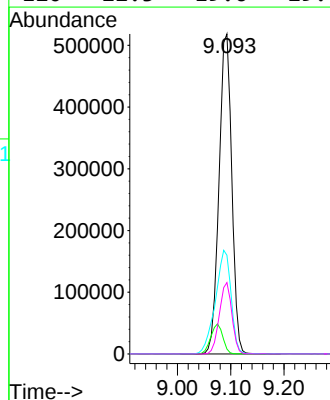
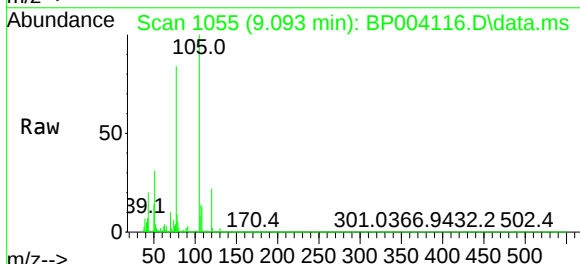
Manual Integrations  
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#22  
Acetophenone  
Concen: 51.22 ng  
RT: 9.093 min Scan# 1055  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

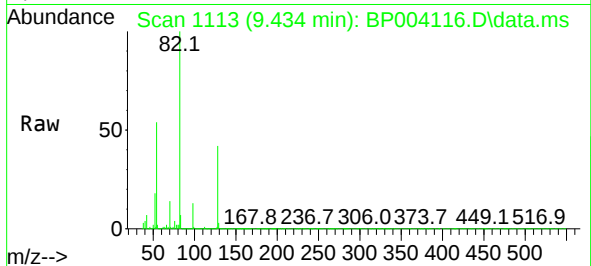
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 859251 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.5   | 2.6   | 3.8#   |
| 51        | 30.9  | 13.5  | 20.3#  |
| 120       | 22.3  | 19.6  | 29.4   |





#23  
Nitrobenzene-d5  
Concen: 100.06 ng  
RT: 9.434 min Scan# 1113  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

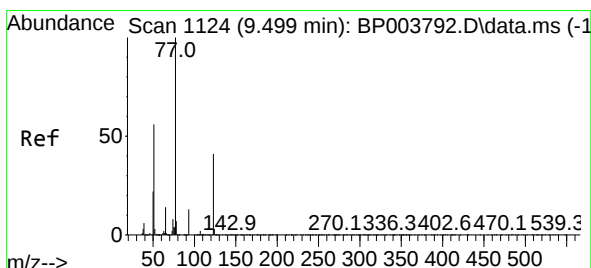
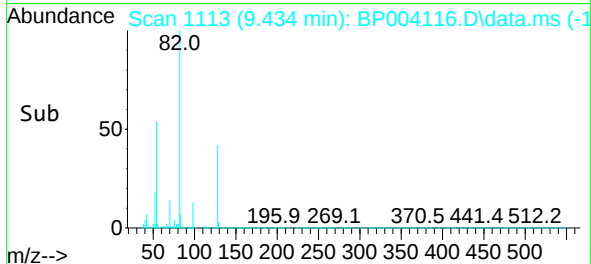
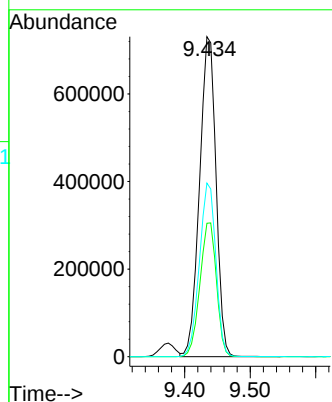
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



Tgt Ion: 82 Resp: 1276884  
Ion Ratio Lower Upper  
82 100  
128 41.7 45.6 68.4#  
54 54.2 30.1 45.1#

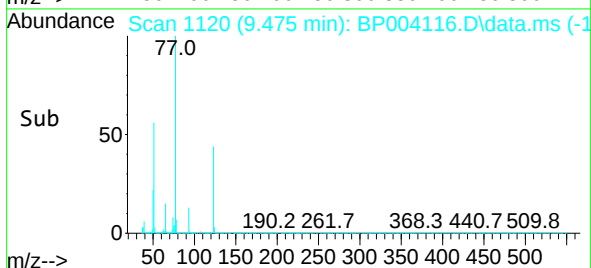
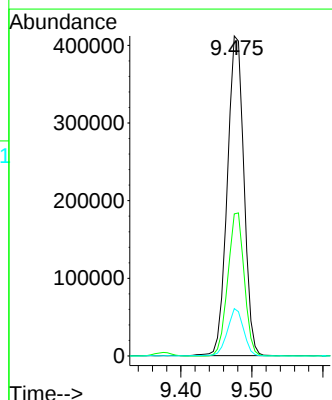
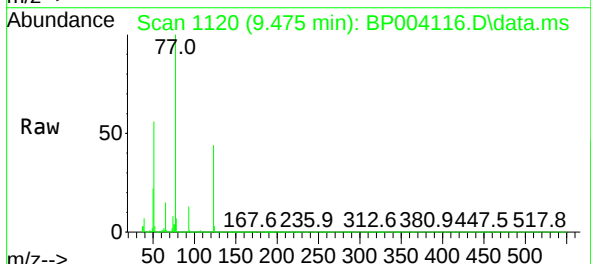
Manual Integrations  
APPROVED

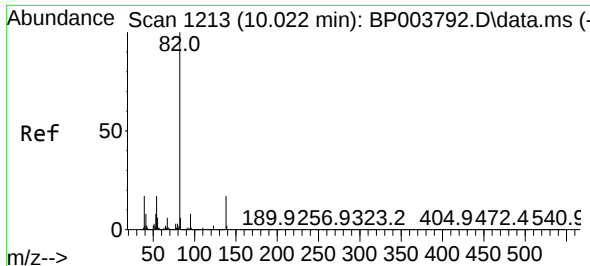
mohammad  
12/1/2020 10:43:23 AM



#24  
Nitrobenzene  
Concen: 52.71 ng  
RT: 9.475 min Scan# 1120  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

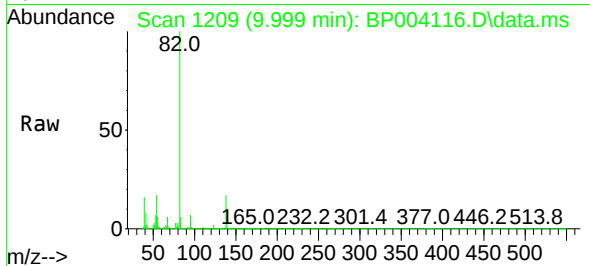
Tgt Ion: 77 Resp: 668449  
Ion Ratio Lower Upper  
77 100  
123 44.4 48.6 72.8#  
65 14.8 10.0 15.0





#25  
Isophorone  
Concen: 56.57 ng  
RT: 9.999 min Scan# 1209  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

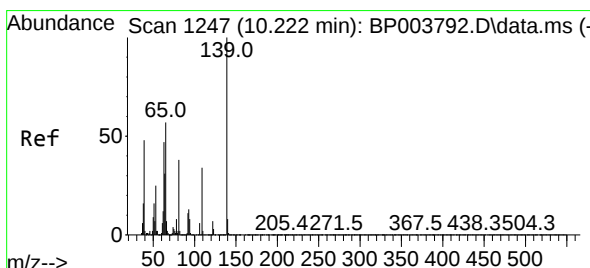
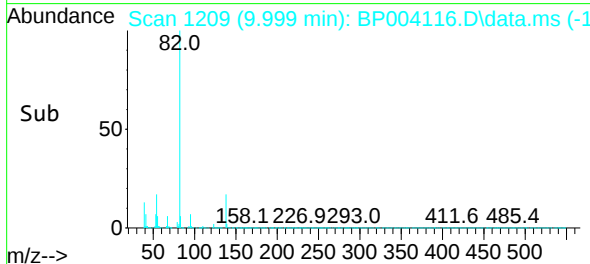
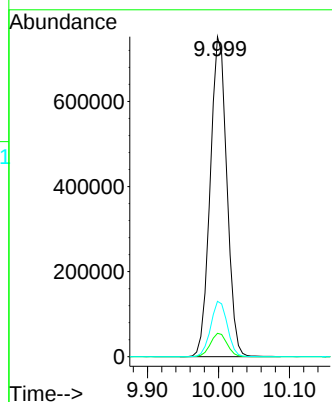
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



Tgt Ion: 82 Resp: 1226224  
Ion Ratio Lower Upper  
82 100  
95 7.3 6.4 9.6  
138 17.3 18.7 28.1#

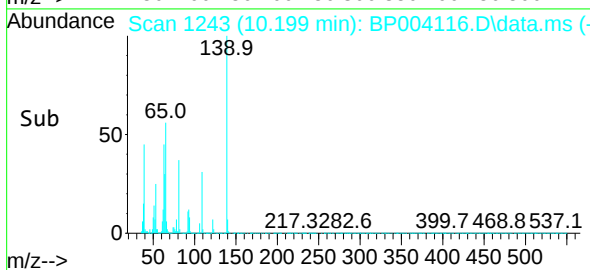
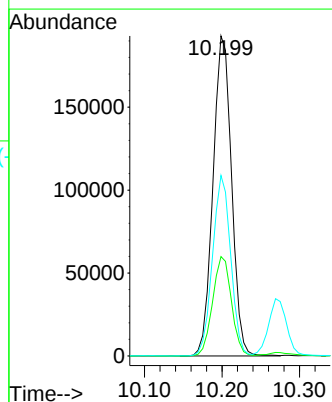
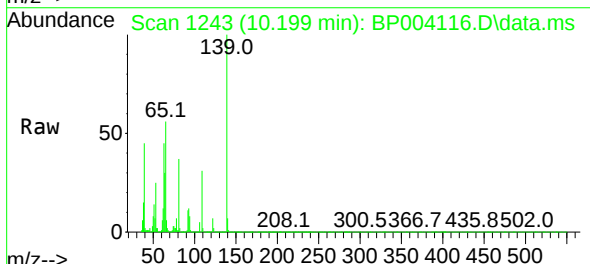
Manual Integrations  
APPROVED

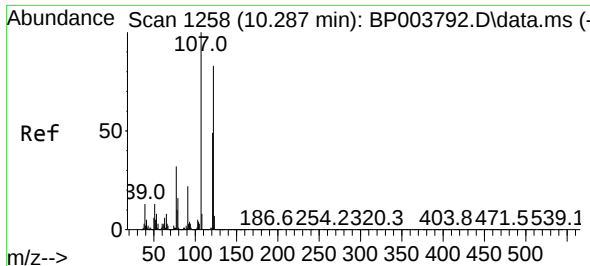
mohammad  
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#26  
2-Nitrophenol  
Concen: 64.76 ng  
RT: 10.199 min Scan# 1243  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

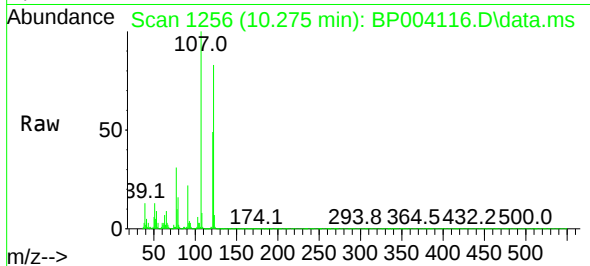
Tgt Ion: 139 Resp: 320667  
Ion Ratio Lower Upper  
139 100  
109 31.1 22.1 33.1  
65 56.4 26.5 39.7#





#27  
2,4-Dimethylphenol  
Concen: 60.59 ng  
RT: 10.275 min Scan# 1256  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

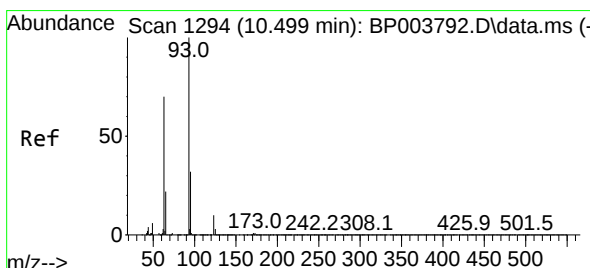
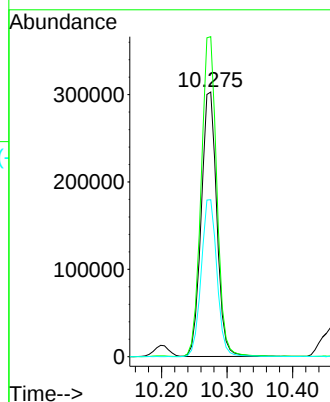
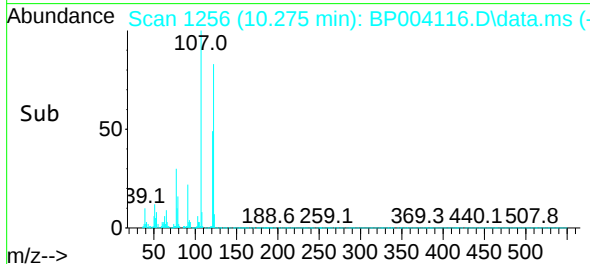
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BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



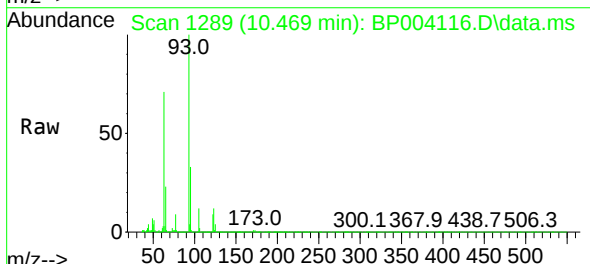
Tgt Ion:122 Resp: 500456  
Ion Ratio Lower Upper  
122 100  
107 120.9 87.3 130.9  
121 59.3 47.3 70.9

Manual Integrations  
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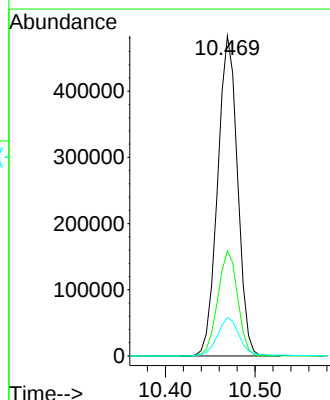
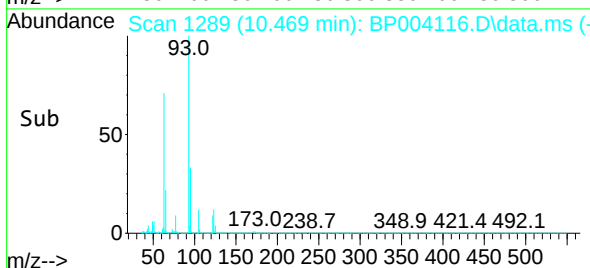
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12/1/2020 10:43:23 AM

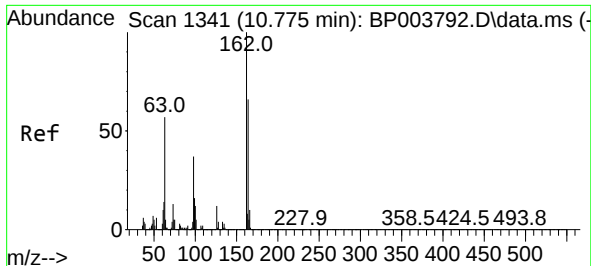


#28  
bis(2-Chloroethoxy)methane  
Concen: 50.03 ng  
RT: 10.469 min Scan# 1289  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



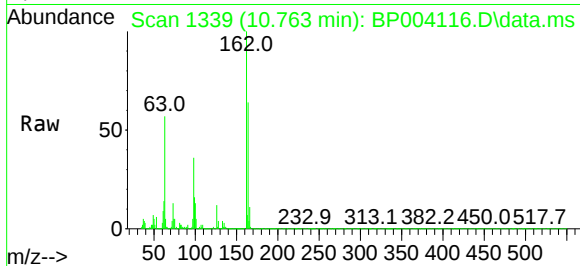
Tgt Ion: 93 Resp: 744139  
Ion Ratio Lower Upper  
93 100  
95 32.8 26.7 40.1  
123 12.1 10.5 15.7





#29  
2,4-Dichlorophenol  
Concen: 56.95 ng  
RT: 10.763 min Scan# 1339  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

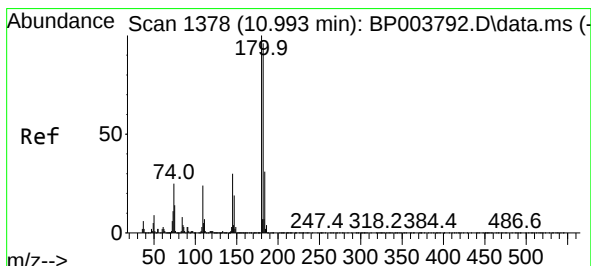
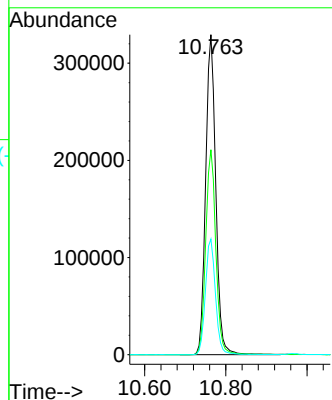
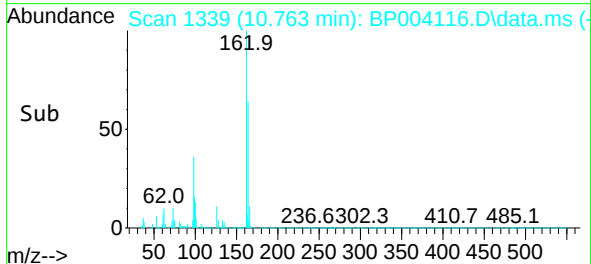
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



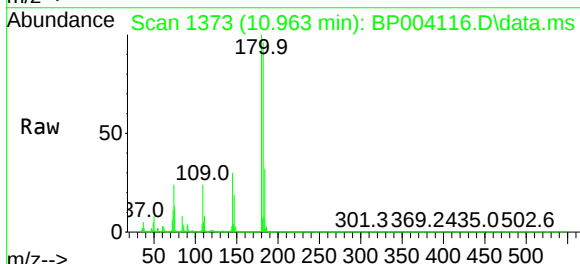
Tgt Ion:162 Resp: 566852  
Ion Ratio Lower Upper  
162 100  
164 64.0 45.8 85.8  
98 36.2 10.2 50.2

Manual Integrations  
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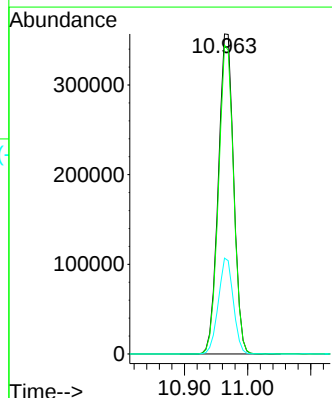
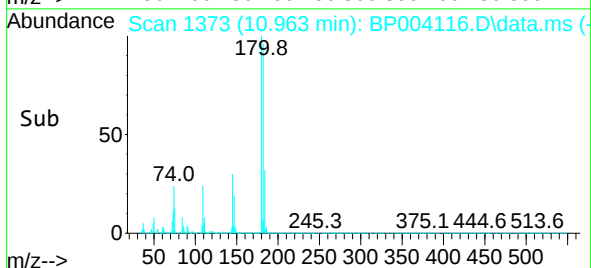
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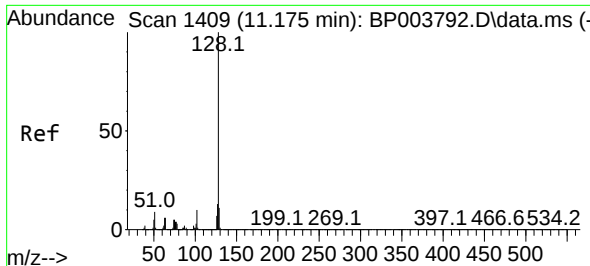


#30  
1,2,4-Trichlorobenzene  
Concen: 49.63 ng  
RT: 10.963 min Scan# 1373  
Delta R.T. -0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



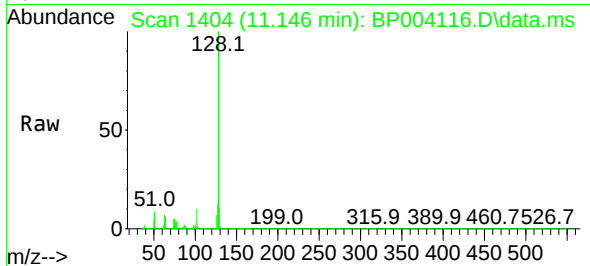
Tgt Ion:180 Resp: 601828  
Ion Ratio Lower Upper  
180 100  
182 96.5 76.2 114.2  
145 29.9 23.8 35.8





#31  
Naphthalene  
Concen: 51.11 ng  
RT: 11.146 min Scan# 1404  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

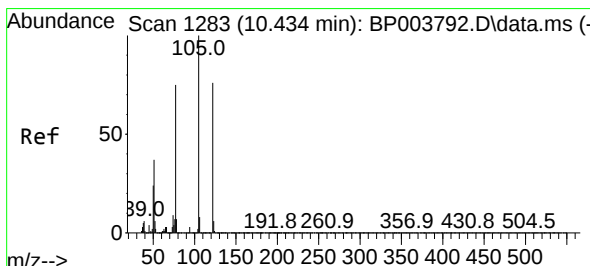
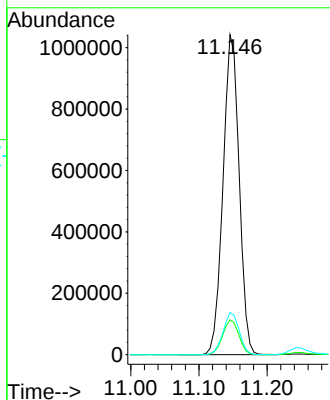
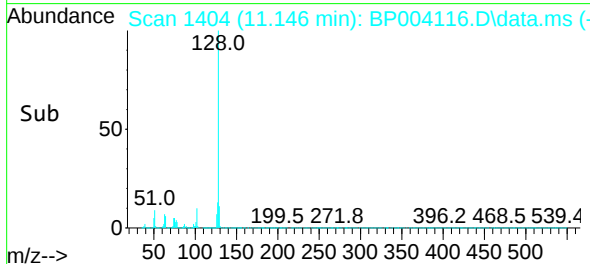
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



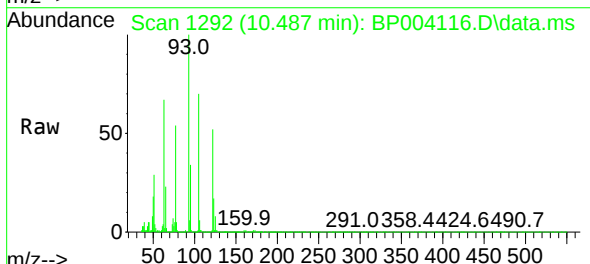
Tgt Ion:128 Resp: 1714154  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.2 10.6 15.8

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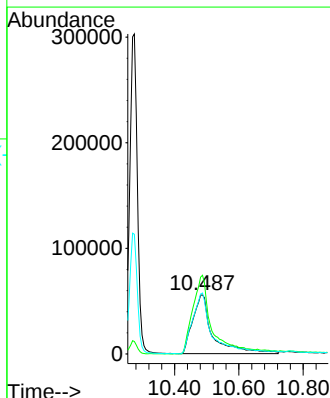
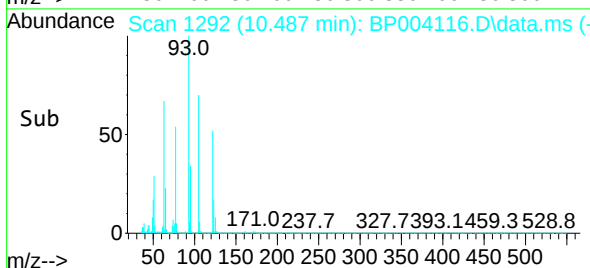
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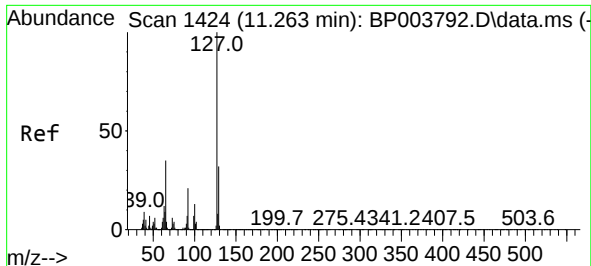


#32  
Benzoic acid  
Concen: 42.89 ng  
RT: 10.487 min Scan# 1292  
Delta R.T. 0.030 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



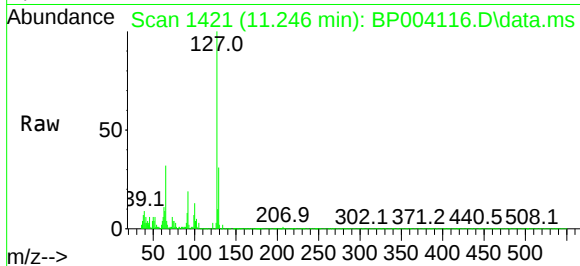
Tgt Ion:122 Resp: 242536  
Ion Ratio Lower Upper  
122 100  
105 133.1 94.1 134.1  
77 103.2 50.1 90.1#





#33  
4-Chloroaniline  
Concen: 3.40 ng  
RT: 11.246 min Scan# 1421  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

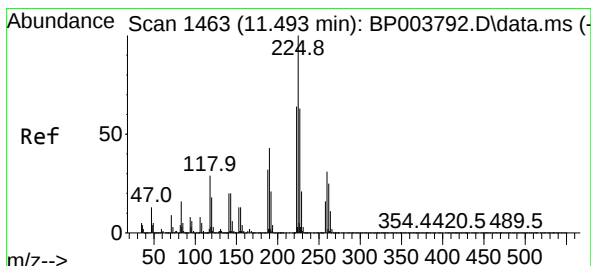
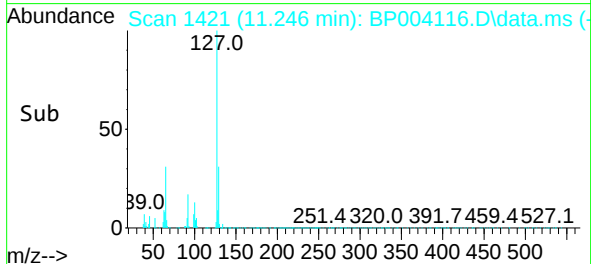
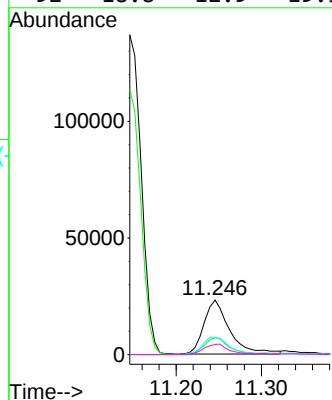
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 48450 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 30.9  | 25.7  | 38.5  |
| 65        | 32.0  | 17.3  | 25.9# |
| 92        | 18.8  | 12.9  | 19.3  |

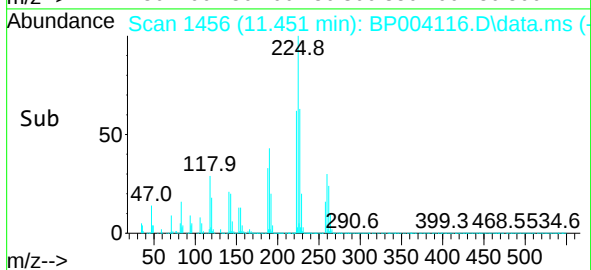
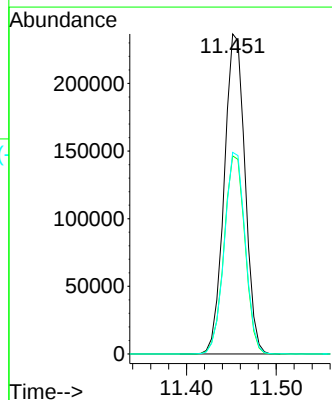
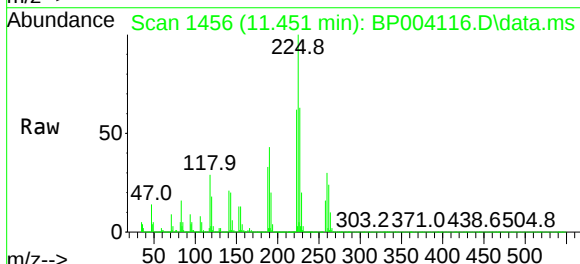
Manual Integrations  
APPROVED

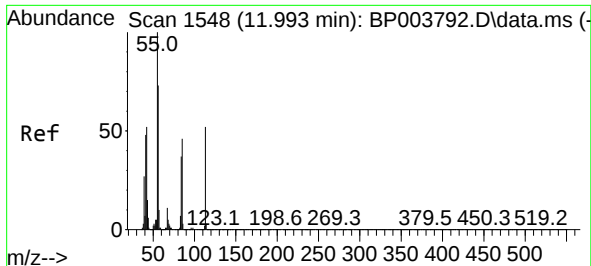
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 48.07 ng  
RT: 11.451 min Scan# 1456  
Delta R.T. -0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

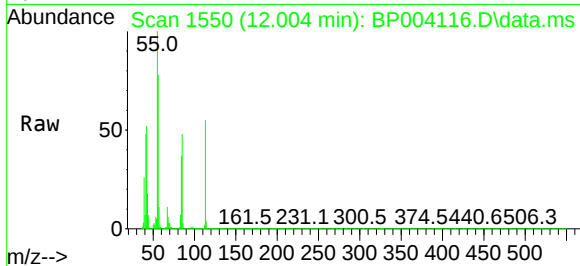
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 380184 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.9  | 50.1  | 75.1   |
| 227       | 63.0  | 51.4  | 77.2   |





#35  
Caprolactam  
Concen: 47.54 ng  
RT: 12.004 min Scan# 1550  
Delta R.T. 0.018 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

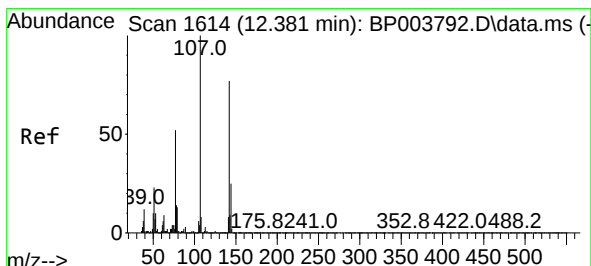
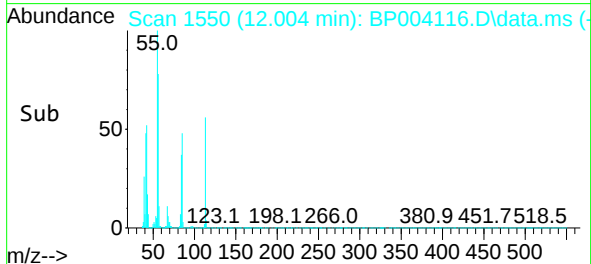
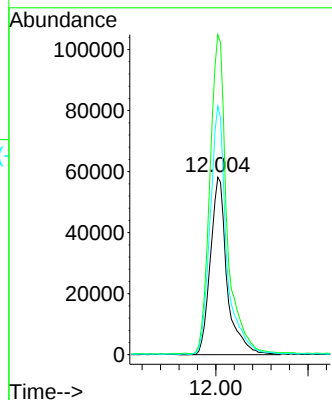
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



Tgt Ion:113 Resp: 146308  
Ion Ratio Lower Upper  
113 100  
55 180.4 77.3 117.3#  
56 140.1 55.9 95.9#

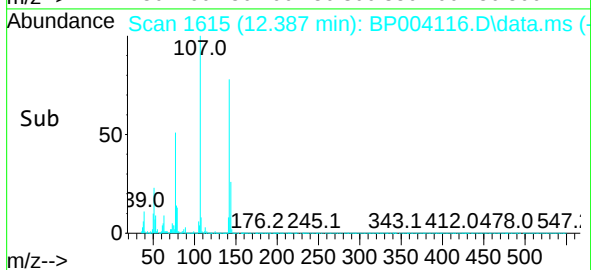
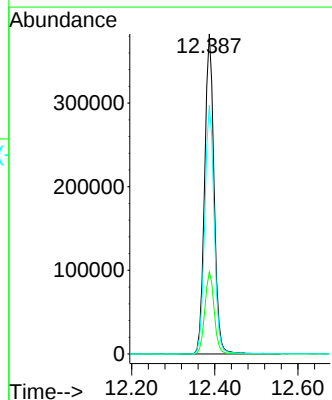
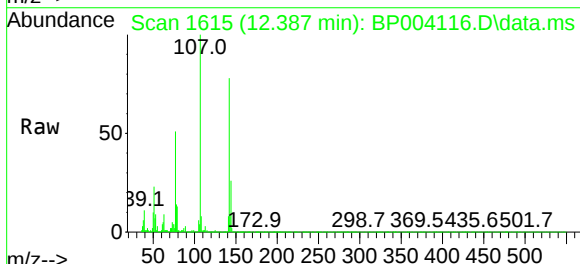
Manual Integrations  
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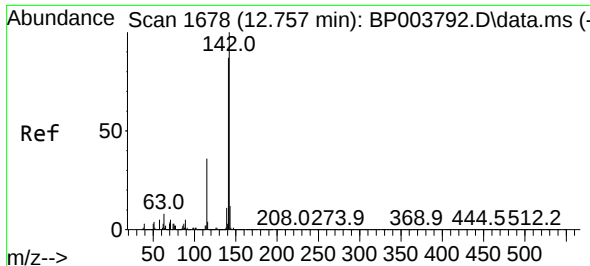
mohammad  
12/1/2020 10:43:23 AM



#36  
4-Chloro-3-methylphenol  
Concen: 56.16 ng  
RT: 12.387 min Scan# 1615  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

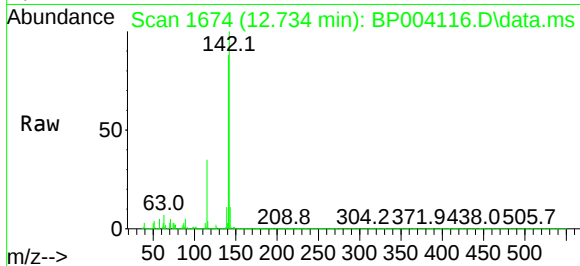
Tgt Ion:107 Resp: 603439  
Ion Ratio Lower Upper  
107 100  
144 25.6 22.7 34.1  
142 77.7 70.7 106.1





#37  
2-Methylnaphthalene  
Concen: 52.31 ng  
RT: 12.734 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

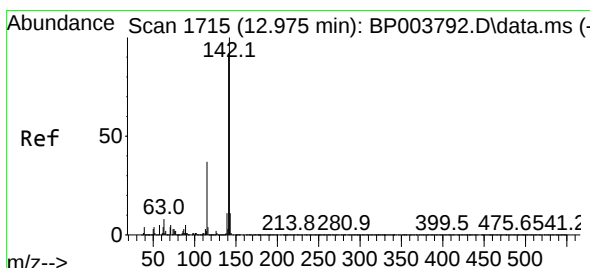
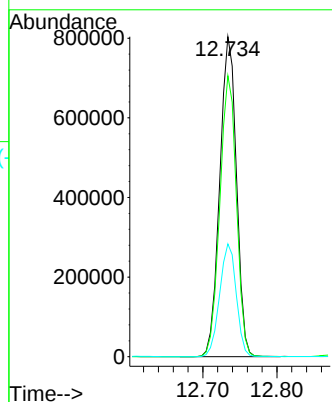
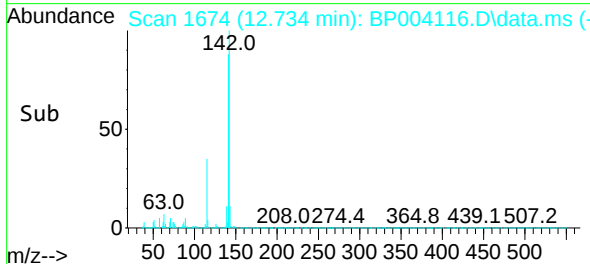
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



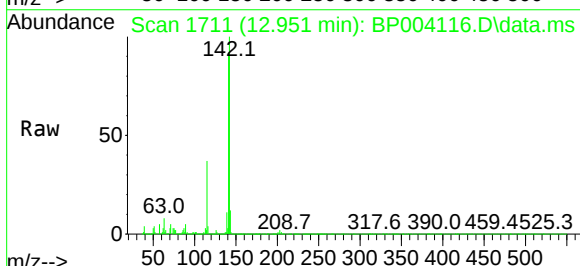
Tgt Ion:142 Resp: 1255405  
Ion Ratio Lower Upper  
142 100  
141 87.8 71.4 107.2  
115 35.2 25.8 38.6

Manual Integrations  
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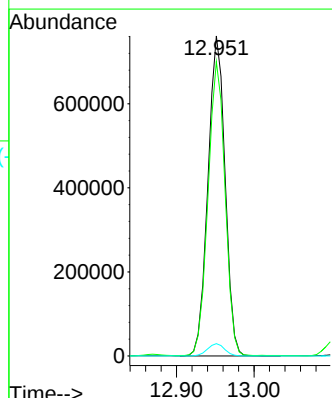
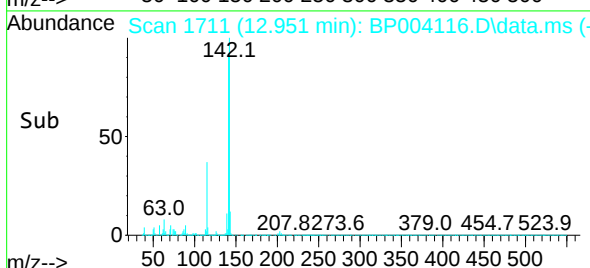
mohammad  
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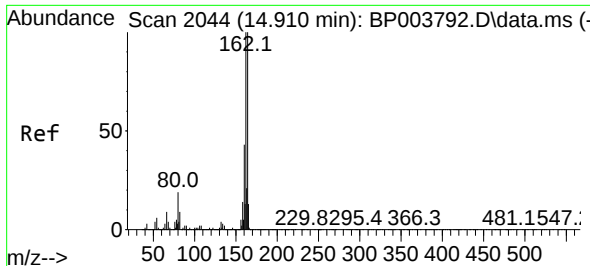


#38  
1-Methylnaphthalene  
Concen: 50.89 ng  
RT: 12.951 min Scan# 1711  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



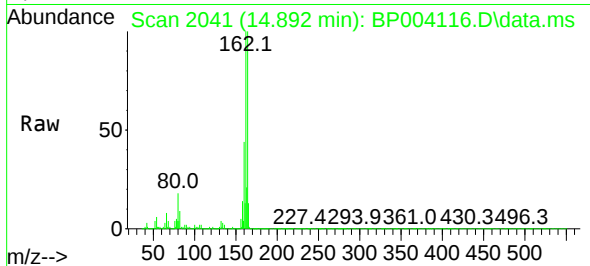
Tgt Ion:142 Resp: 1165055  
Ion Ratio Lower Upper  
142 100  
141 91.9 74.4 111.6  
116 3.9 2.9 4.3





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.892 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

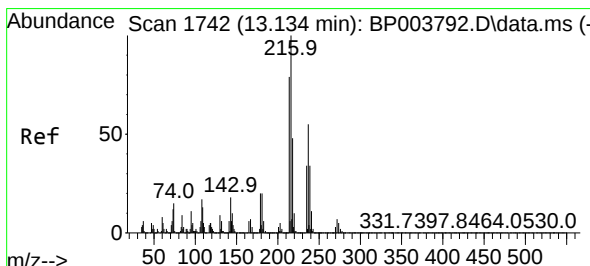
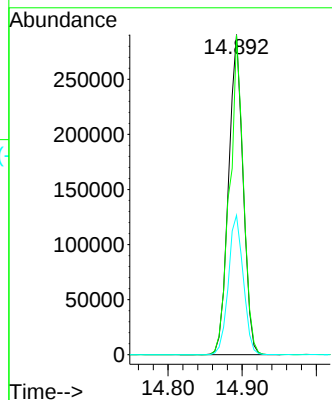
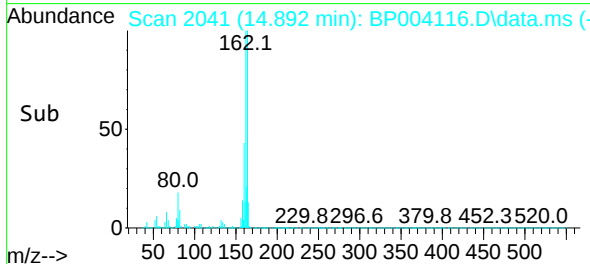
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



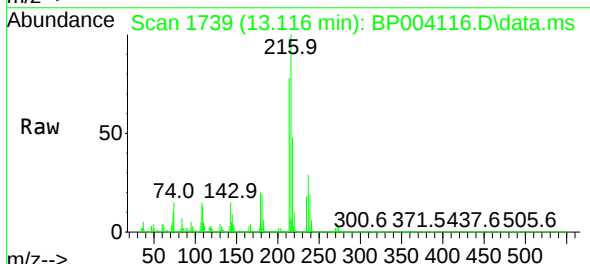
Tgt Ion:164 Resp: 394166  
Ion Ratio Lower Upper  
164 100  
162 99.9 79.4 119.2  
160 43.5 36.1 54.1

Manual Integrations  
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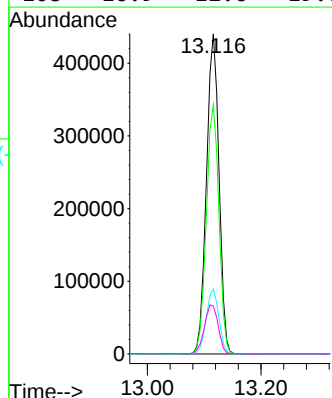
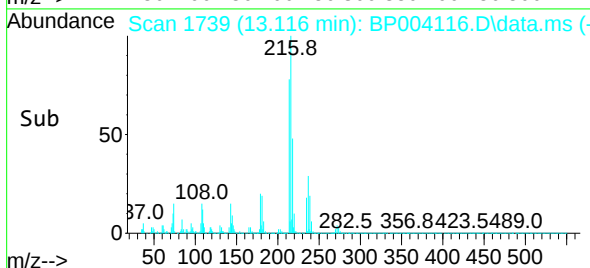
mohammad  
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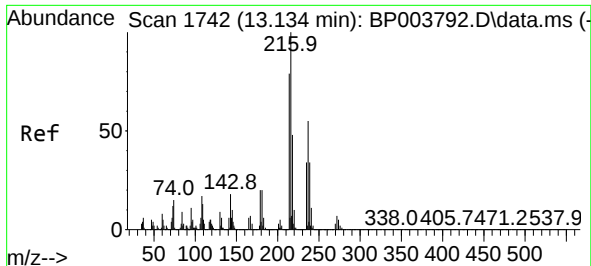


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.60 ng  
RT: 13.116 min Scan# 1739  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



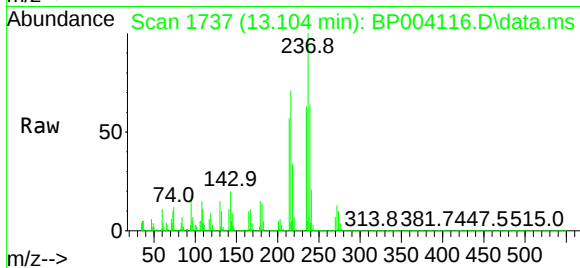
Tgt Ion:216 Resp: 673101  
Ion Ratio Lower Upper  
216 100  
214 78.2 63.0 94.6  
179 20.4 16.9 25.3  
108 16.9 12.6 19.0





#41  
Hexachlorocyclopentadiene  
Concen: 74.03 ng  
RT: 13.104 min Scan# 1737  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

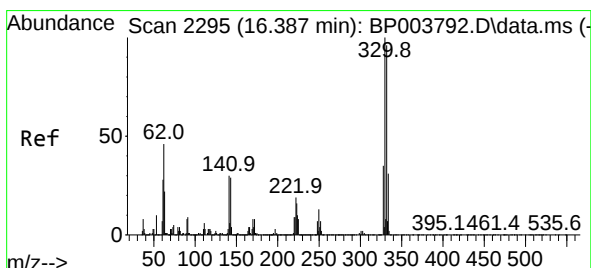
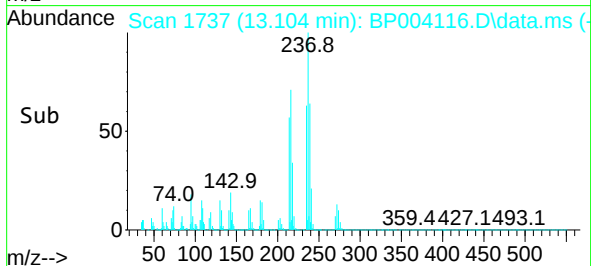
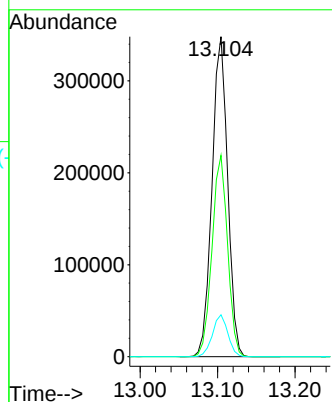
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.9  | 43.2  | 83.2  |
| 272     | 13.1  | 0.0   | 33.3  |

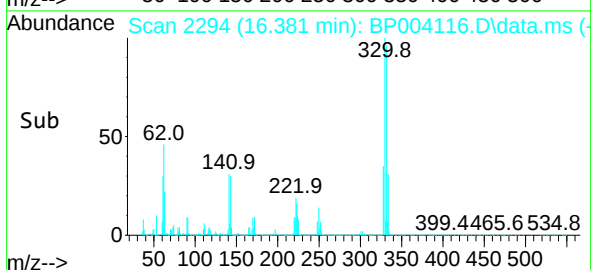
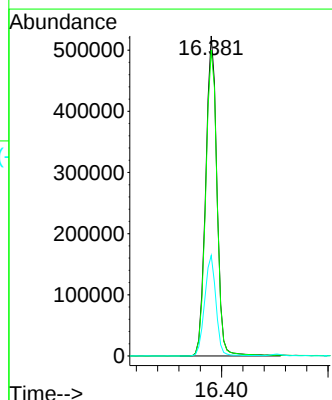
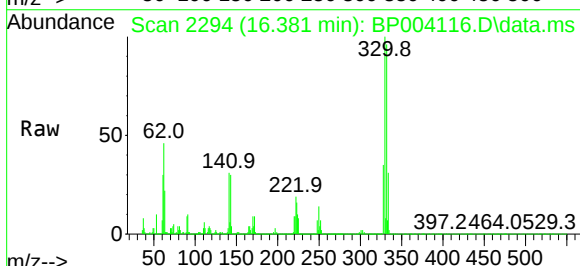
Manual Integrations  
APPROVED

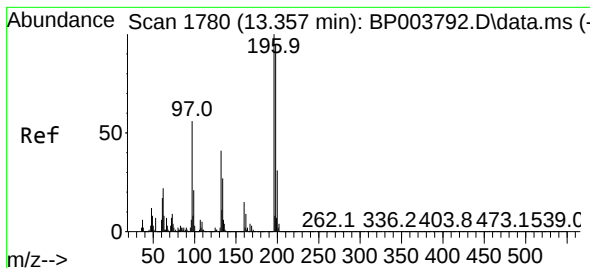
mohammad  
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#42  
2,4,6-Tribromophenol  
Concen: 154.79 ng  
RT: 16.381 min Scan# 2294  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

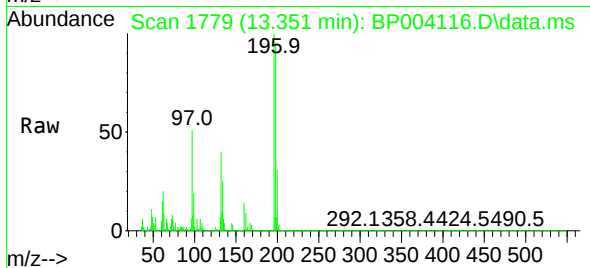
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 77.1  | 115.7 |
| 141     | 31.6  | 23.4  | 35.2  |





#43  
2,4,6-Trichlorophenol  
Concen: 55.94 ng  
RT: 13.351 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

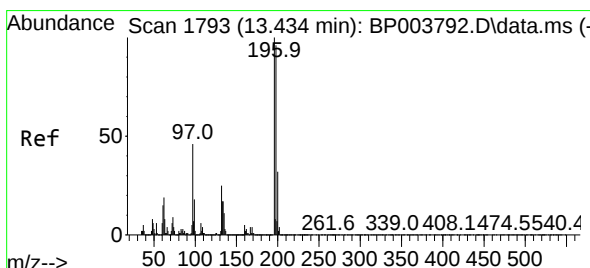
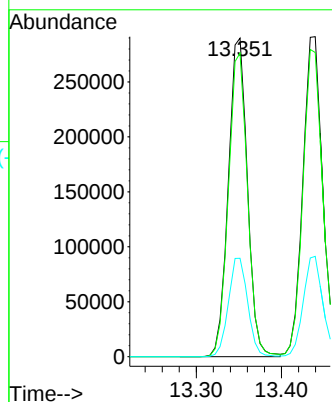
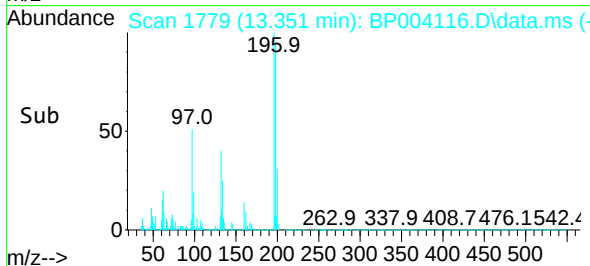
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



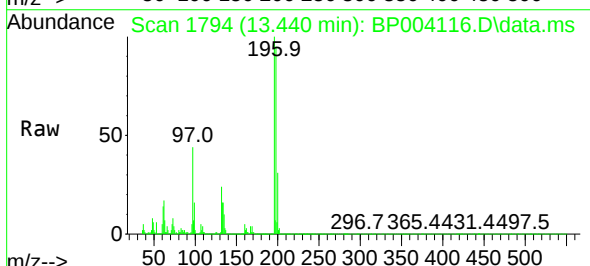
Tgt Ion:196 Resp: 451080  
Ion Ratio Lower Upper  
196 100  
198 95.3 77.0 115.6  
200 30.9 25.1 37.7

Manual Integrations  
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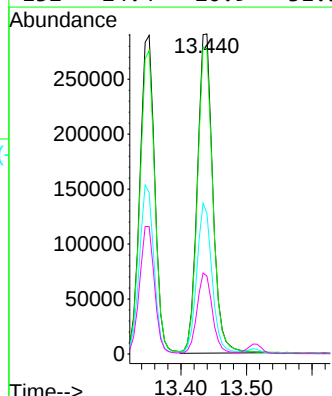
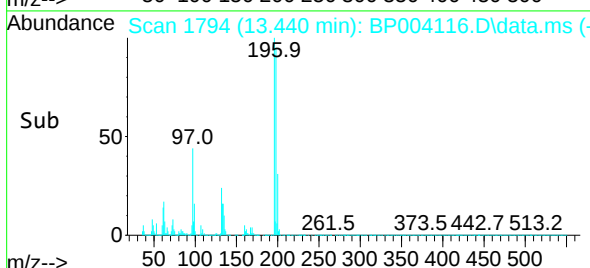
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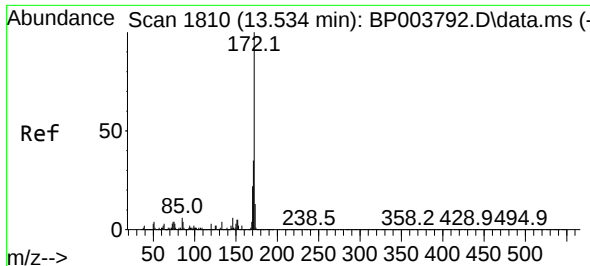


#44  
2,4,5-Trichlorophenol  
Concen: 56.08 ng  
RT: 13.440 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



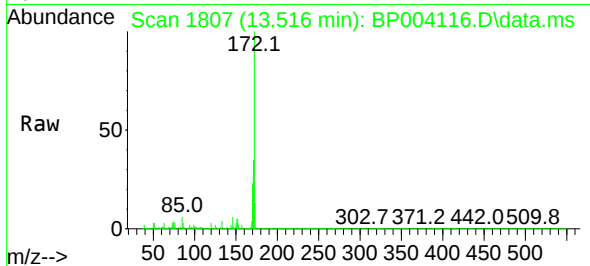
Tgt Ion:196 Resp: 476158  
Ion Ratio Lower Upper  
196 100  
198 95.1 77.3 115.9  
97 43.9 31.0 46.4  
132 24.4 20.9 31.3





#45  
2-Fluorobiphenyl  
Concen: 98.19 ng  
RT: 13.516 min Scan# 1807  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

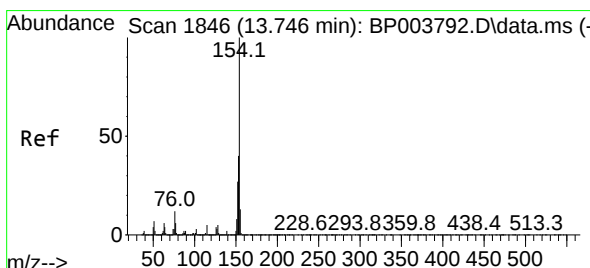
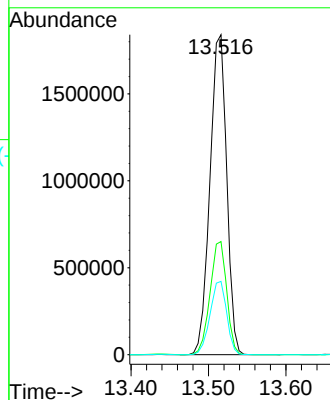
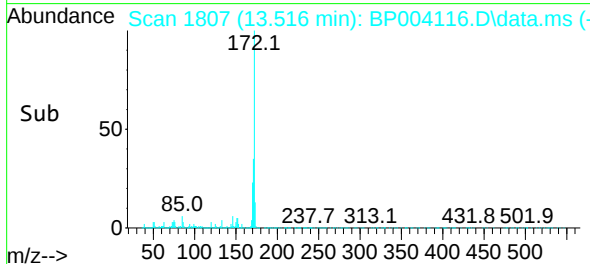
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



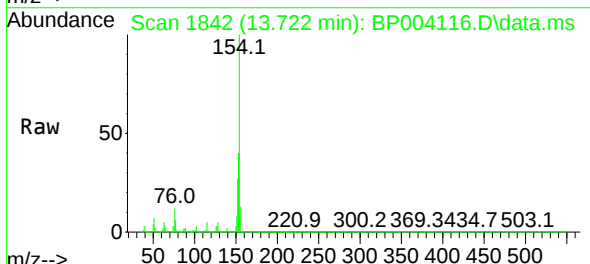
Tgt Ion:172 Resp: 2768287  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.5 42.7  
170 22.9 19.2 28.8

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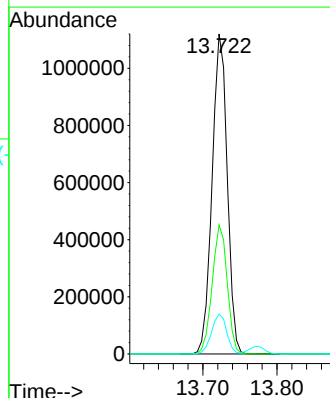
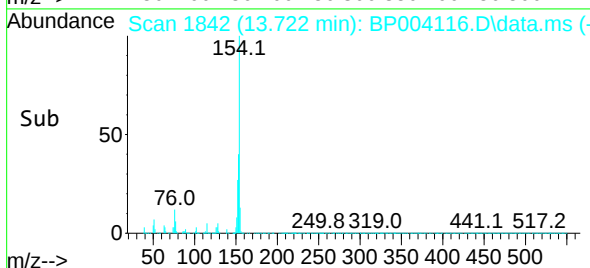
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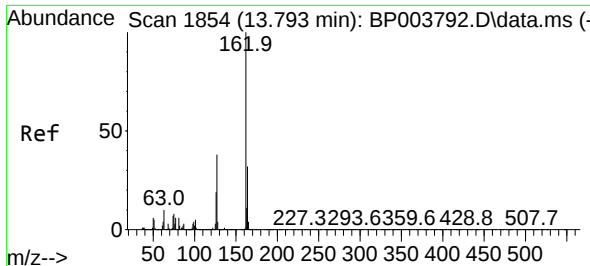


#46  
1,1'-Biphenyl  
Concen: 51.81 ng  
RT: 13.722 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



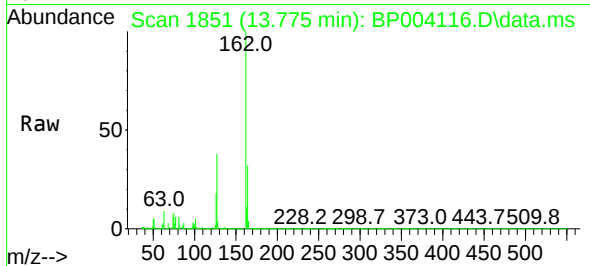
Tgt Ion:154 Resp: 1585167  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.4 60.4  
76 12.4 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 49.55 ng  
RT: 13.775 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

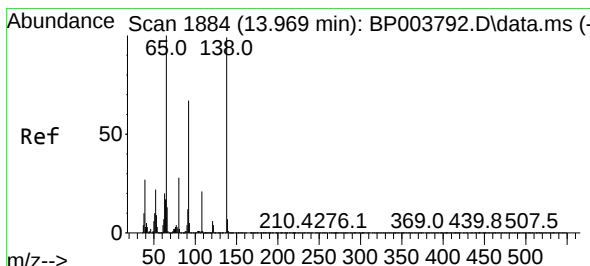
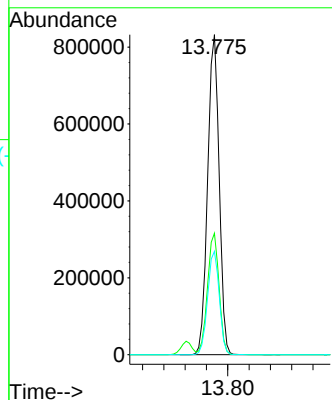
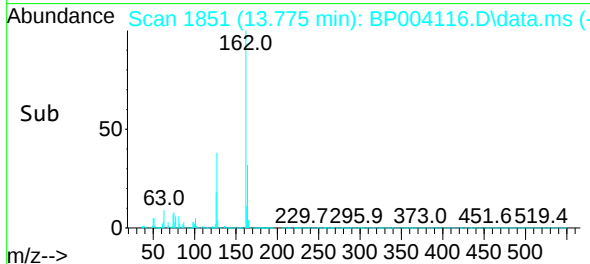
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



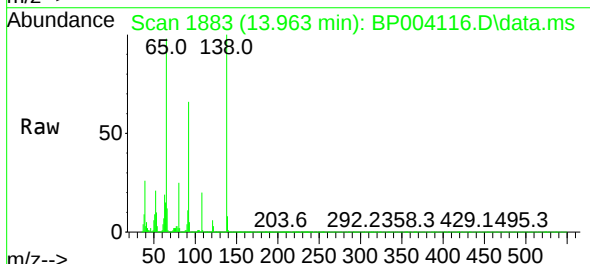
Tgt Ion:162 Resp: 1243976  
Ion Ratio Lower Upper  
162 100  
127 37.9 29.9 44.9  
164 32.3 26.1 39.1

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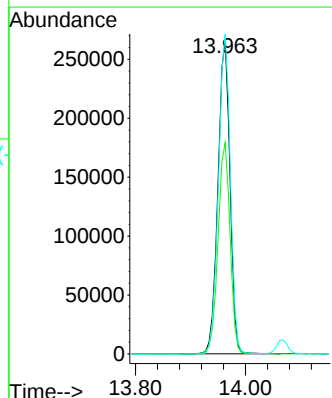
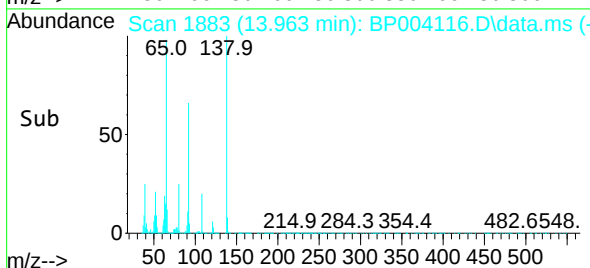
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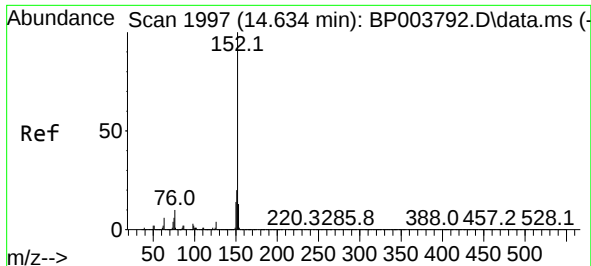


#48  
2-Nitroaniline  
Concen: 54.01 ng  
RT: 13.963 min Scan# 1883  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



Tgt Ion: 65 Resp: 404587  
Ion Ratio Lower Upper  
65 100  
92 67.5 70.6 106.0#  
138 102.2 133.6 200.4#





#49

Acenaphthylene

Concen: 52.06 ng

RT: 14.616 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BP004116.D

Acq: 30 Nov 2020 17:31

Tgt Ion:152 Resp: 1919206

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.1 10.5 15.7

Instrument :

BNA\_P

ClientSampleId :

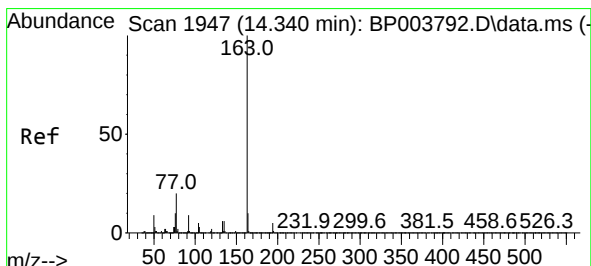
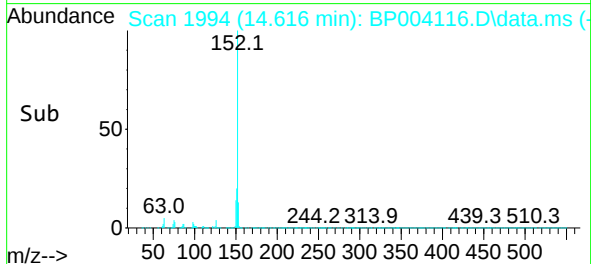
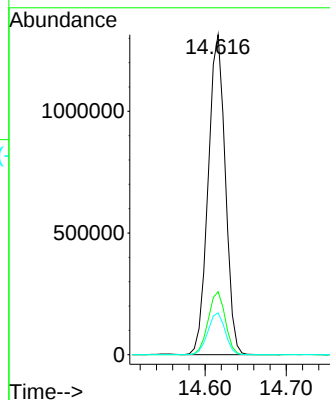
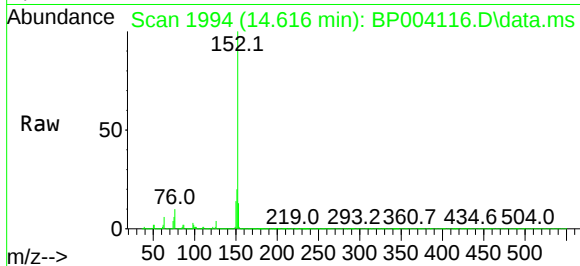
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#50

Dimethylphthalate

Concen: 59.84 ng

RT: 14.328 min Scan# 1945

Delta R.T. 0.006 min

Lab File: BP004116.D

Acq: 30 Nov 2020 17:31

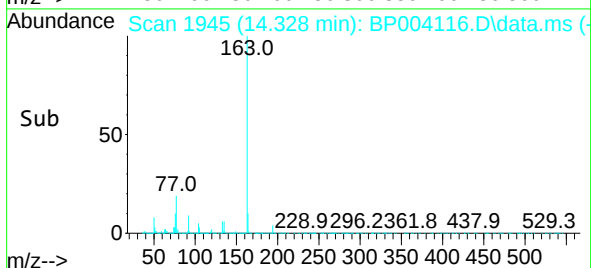
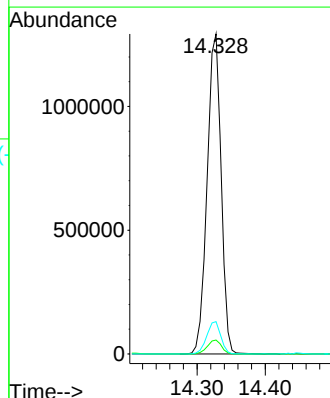
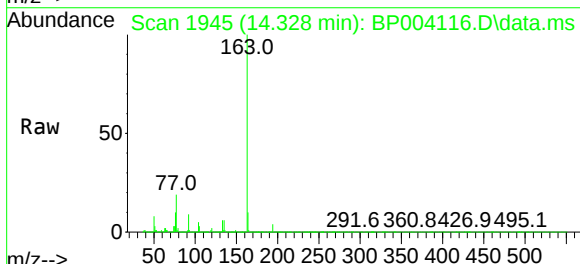
Tgt Ion:163 Resp: 1843573

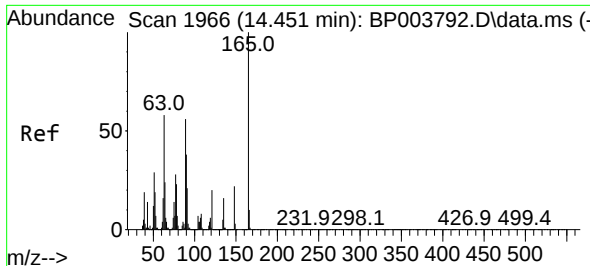
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.1 8.2 12.2





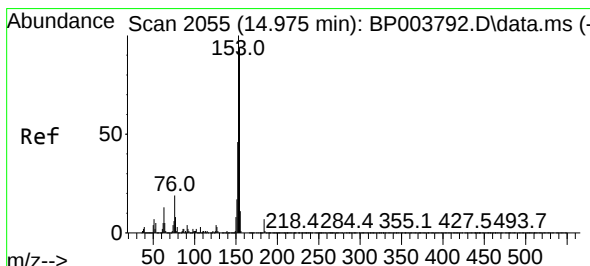
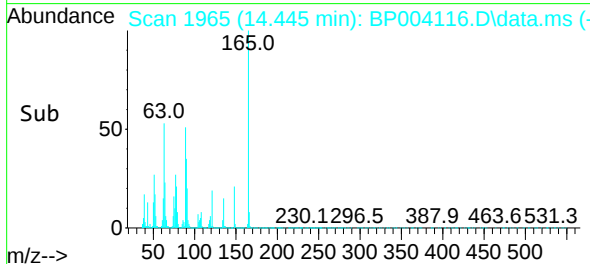
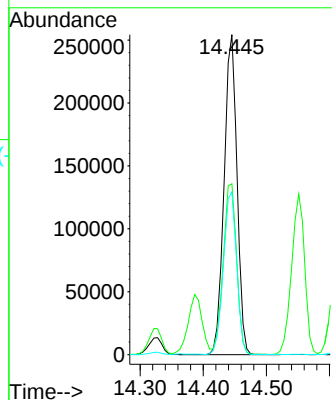
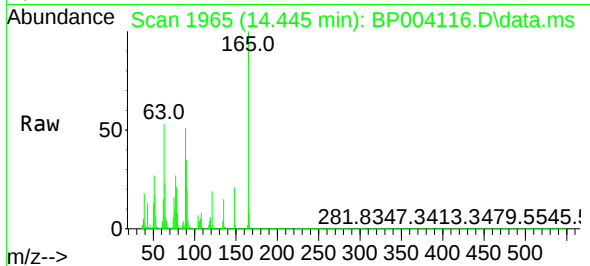
#51  
2,6-Dinitrotoluene  
Concen: 57.17 ng  
RT: 14.445 min Scan# 1965  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

Tgt Ion:165 Resp: 361437  
Ion Ratio Lower Upper  
165 100  
63 53.4 27.8 41.6#  
89 50.9 34.6 52.0

Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD

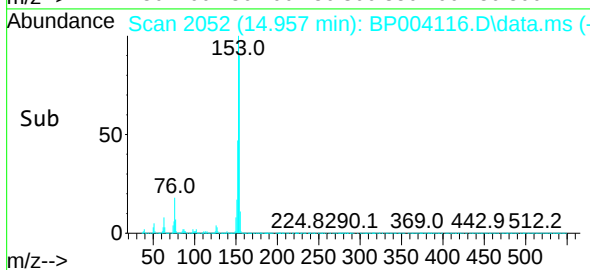
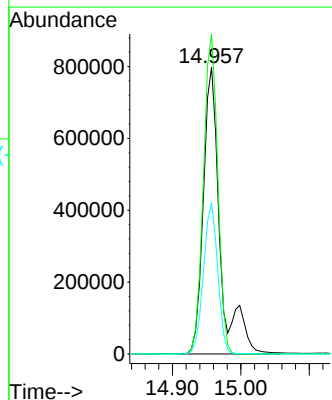
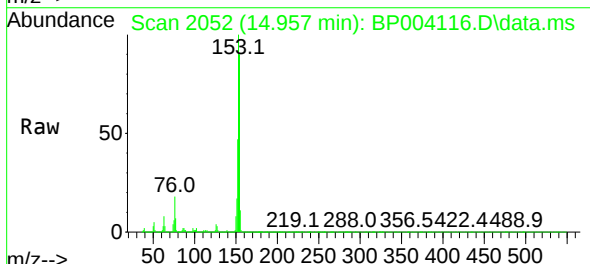
Manual Integrations  
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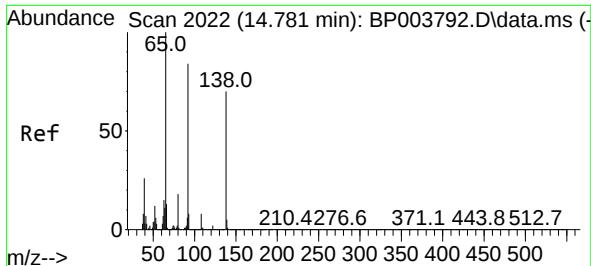
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#52  
Acenaphthene  
Concen: 56.00 ng m  
RT: 14.957 min Scan# 2052  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

Tgt Ion:154 Resp: 1375173  
Ion Ratio Lower Upper  
154 100  
153 111.7 91.0 136.6  
152 52.6 43.0 64.6





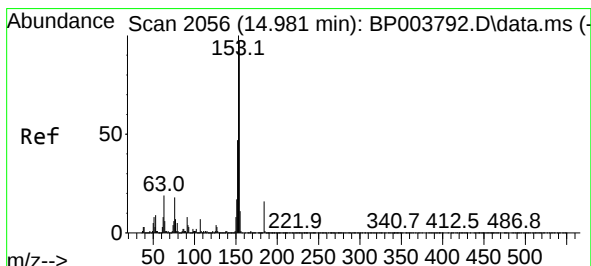
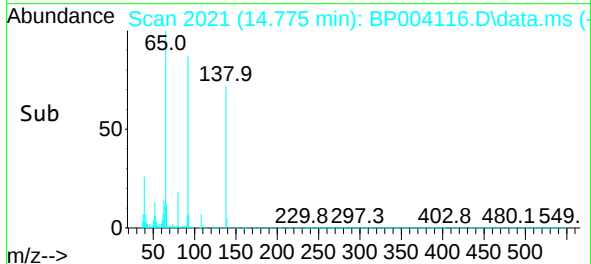
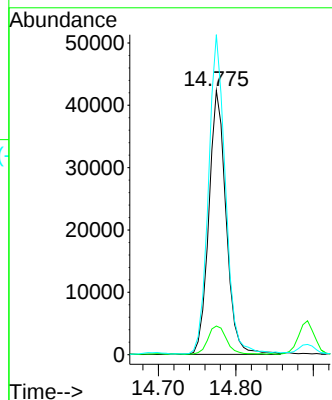
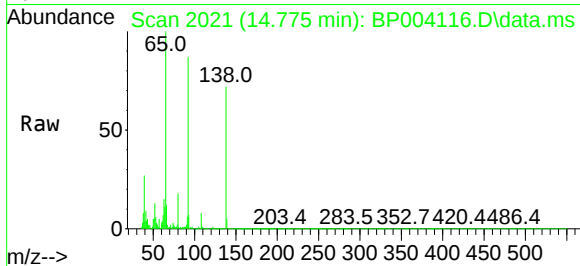
#53  
3-Nitroaniline  
Concen: 9.34 ng  
RT: 14.775 min Scan# 2021  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

Tgt Ion:138 Resp: 65333  
Ion Ratio Lower Upper  
138 100  
108 10.8 7.5 11.3  
92 121.1 75.0 112.6#

Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD

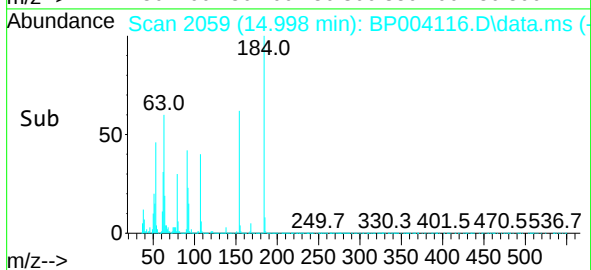
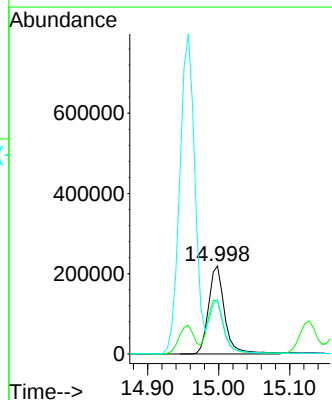
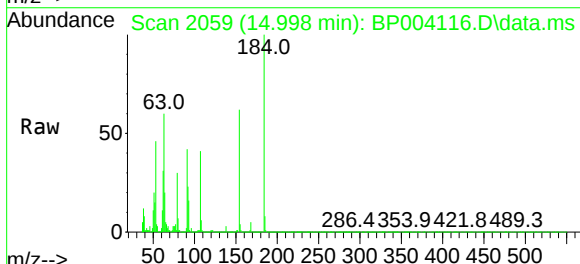
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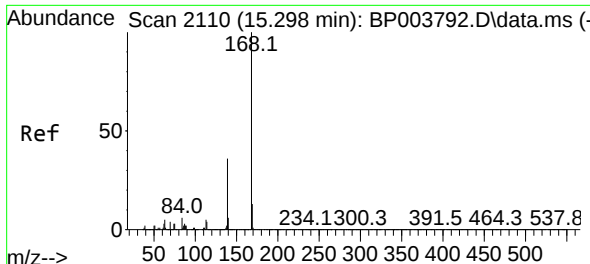
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#54  
2,4-Dinitrophenol  
Concen: 91.59 ng  
RT: 14.998 min Scan# 2059  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

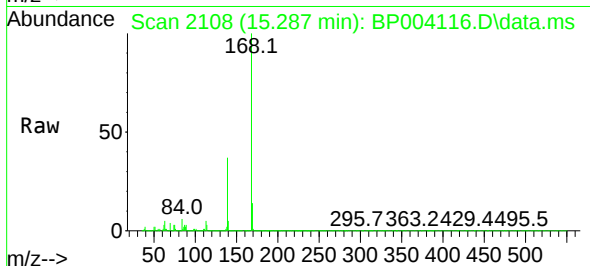
Tgt Ion:184 Resp: 345552  
Ion Ratio Lower Upper  
184 100  
63 60.4 32.3 48.5#  
154 61.7 49.1 73.7





#55  
Dibenzofuran  
Concen: 51.26 ng  
RT: 15.287 min Scan# 2108  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

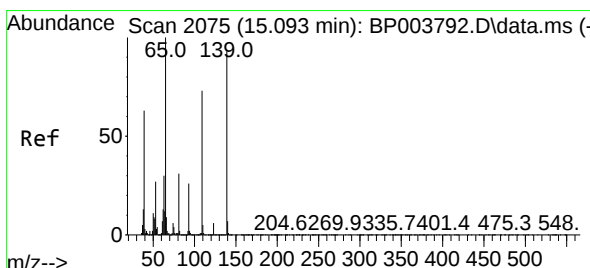
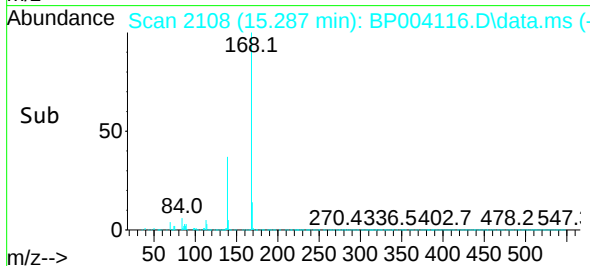
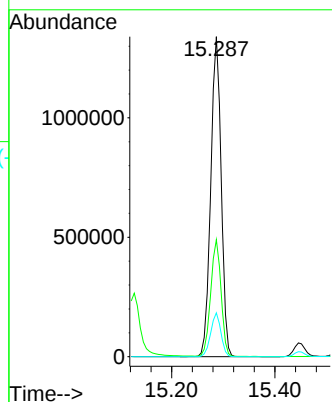
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



Tgt Ion:168 Resp: 1870294  
Ion Ratio Lower Upper  
168 100  
139 36.5 29.1 43.7  
169 13.7 10.4 15.6

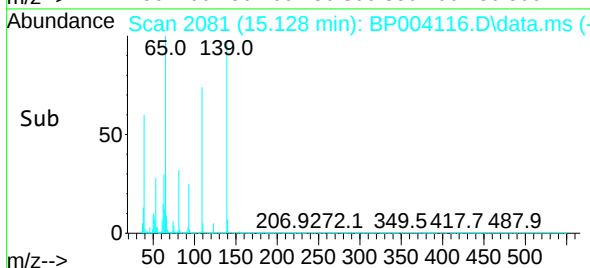
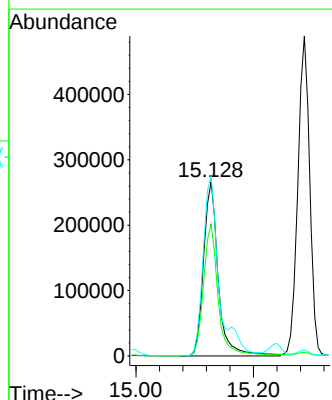
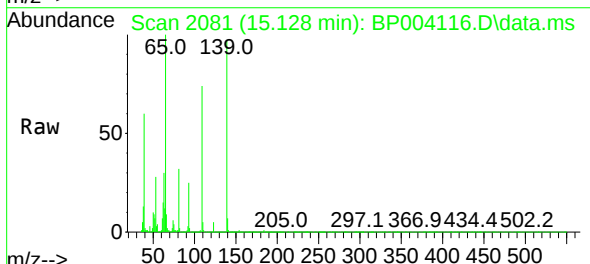
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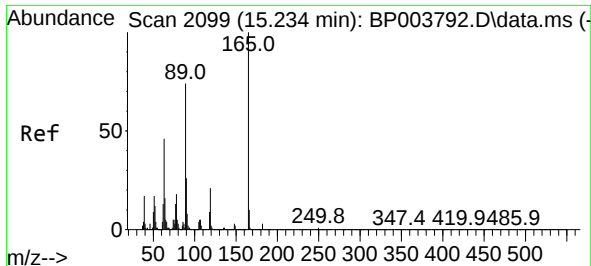
mohammad  
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#56  
4-Nitrophenol  
Concen: 91.35 ng  
RT: 15.128 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
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Tgt Ion:139 Resp: 460721  
Ion Ratio Lower Upper  
139 100  
109 75.9 44.6 84.6  
65 103.2 41.6 81.6#





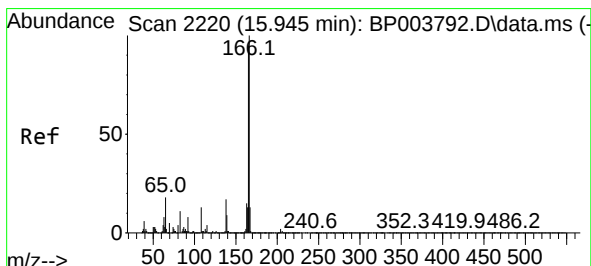
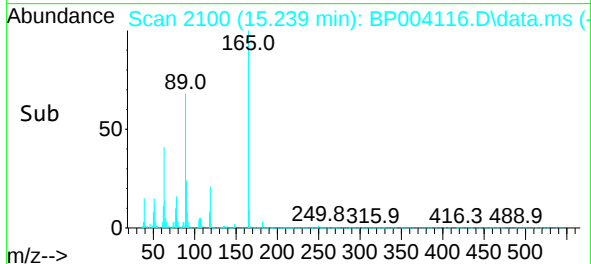
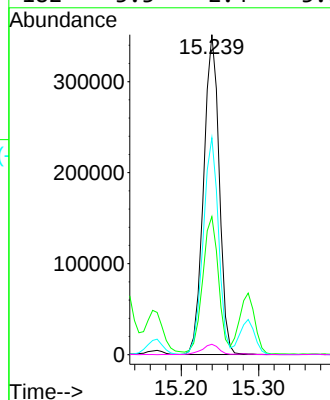
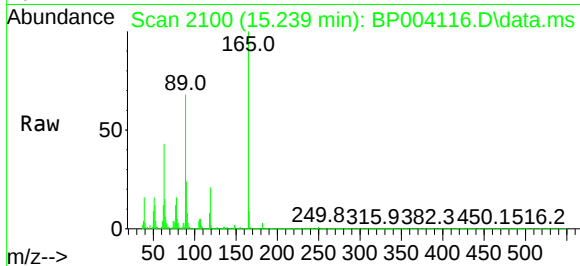
#57  
2,4-Dinitrotoluene  
Concen: 57.80 ng  
RT: 15.239 min Scan# 2100  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

Tgt Ion:165 Resp: 490635  
Ion Ratio Lower Upper  
165 100  
63 43.2 20.6 31.0#  
89 67.8 42.6 63.8#  
182 3.3 2.4 3.6

Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD

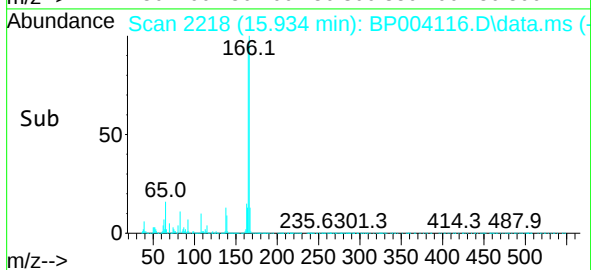
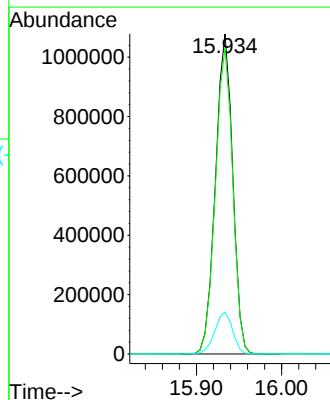
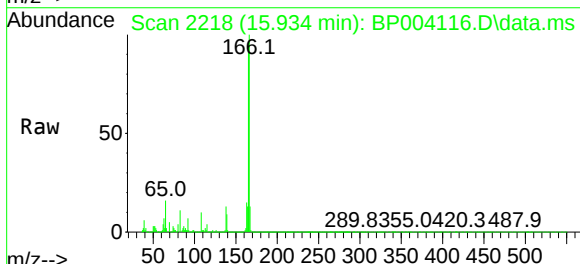
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#58  
Fluorene  
Concen: 51.72 ng  
RT: 15.934 min Scan# 2218  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

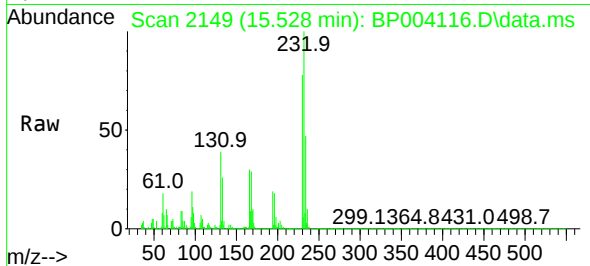
Tgt Ion:166 Resp: 1511068  
Ion Ratio Lower Upper  
166 100  
165 95.6 77.8 116.8  
167 13.1 11.0 16.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.22 ng  
RT: 15.528 min Scan# 2149  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

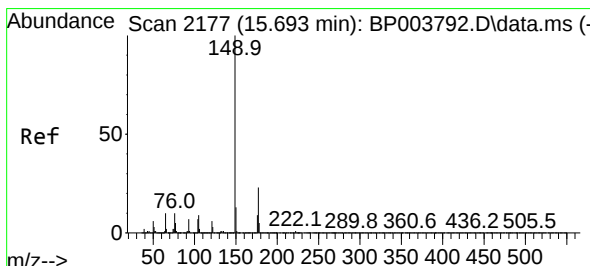
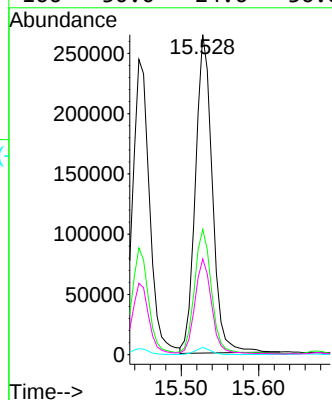
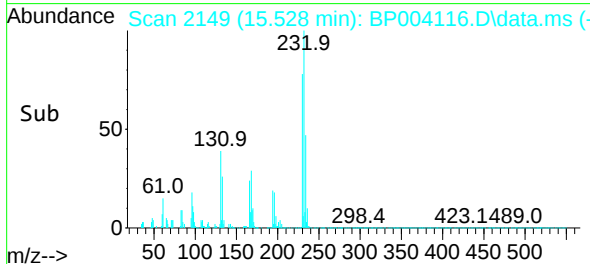
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



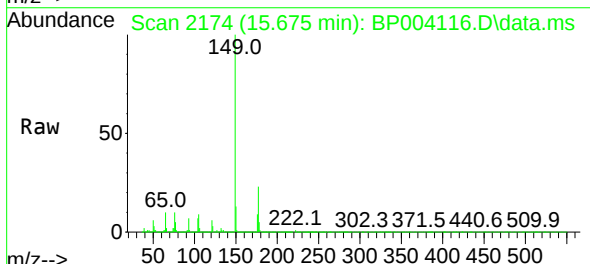
Tgt Ion:232 Resp: 399730  
Ion Ratio Lower Upper  
232 100  
131 40.2 34.1 51.1  
130 2.0 1.8 2.8  
166 30.0 24.6 36.8

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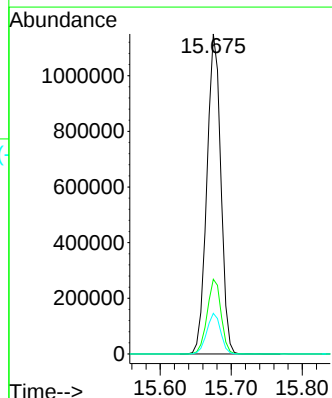
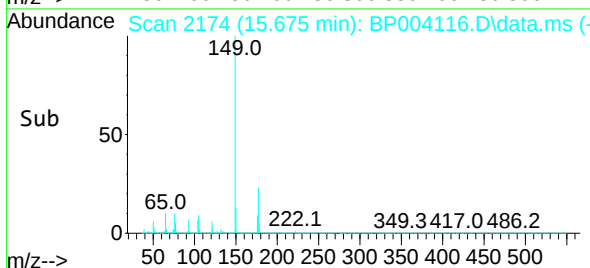
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#60  
Diethylphthalate  
Concen: 51.90 ng  
RT: 15.675 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



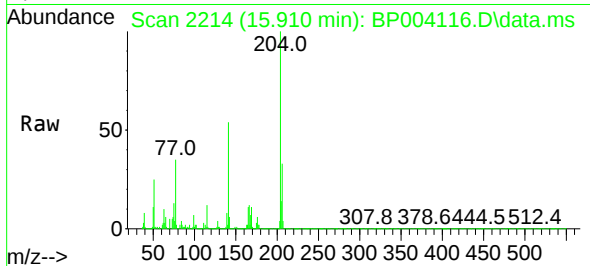
Tgt Ion:149 Resp: 1565776  
Ion Ratio Lower Upper  
149 100  
177 23.3 18.0 27.0  
150 12.7 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 50.53 ng  
RT: 15.910 min Scan# 2214  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

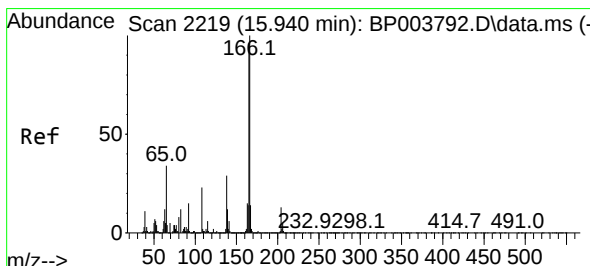
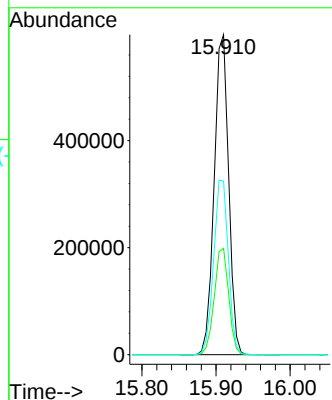
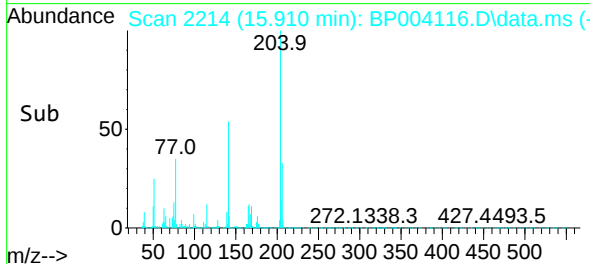
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



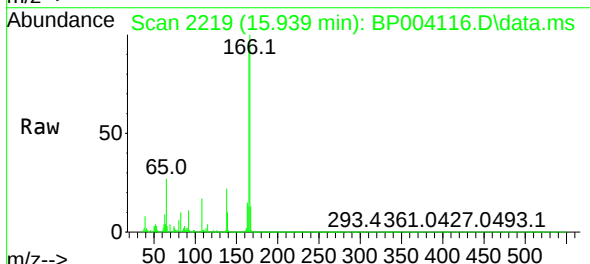
Tgt Ion:204 Resp: 806832  
Ion Ratio Lower Upper  
204 100  
206 33.2 25.9 38.9  
141 54.3 46.5 69.7

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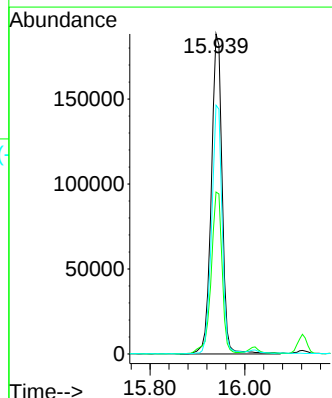
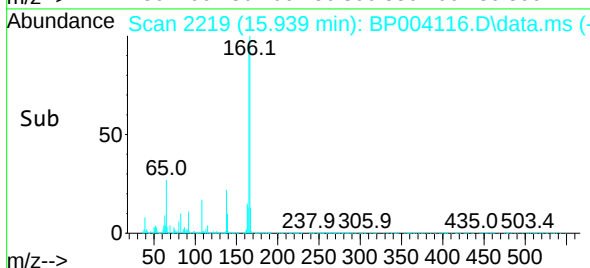
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#62  
4-Nitroaniline  
Concen: 41.16 ng  
RT: 15.939 min Scan# 2219  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



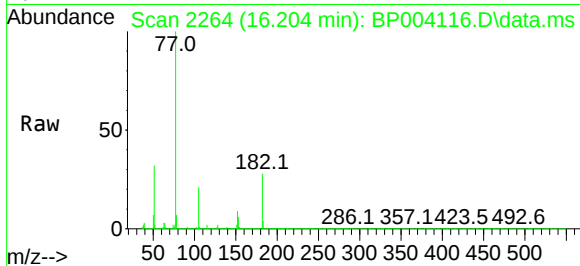
Tgt Ion:138 Resp: 300308  
Ion Ratio Lower Upper  
138 100  
92 50.6 20.7 60.7  
108 77.7 47.8 87.8





#63  
Azobenzene  
Concen: 51.08 ng  
RT: 16.204 min Scan# 2264  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

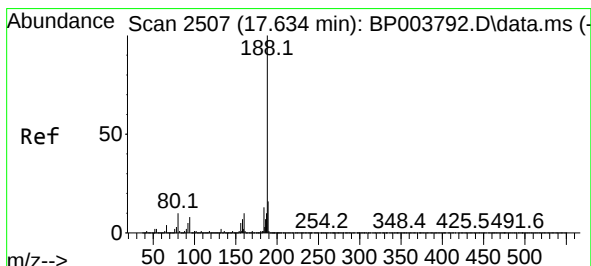
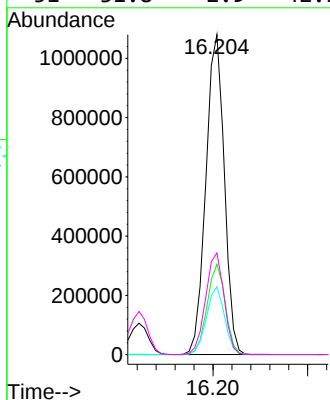
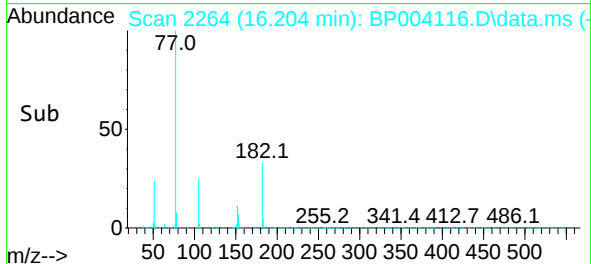
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



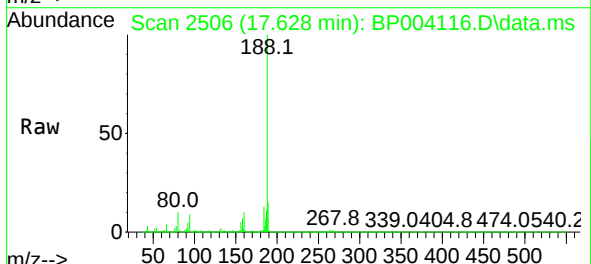
Tgt Ion: 77 Resp: 1454810  
Ion Ratio Lower Upper  
77 100  
182 28.2 16.9 56.9  
105 21.2 5.6 45.6  
51 31.8 2.9 42.9

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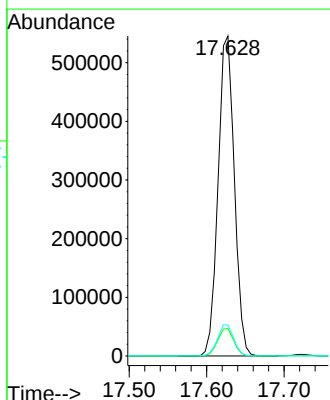
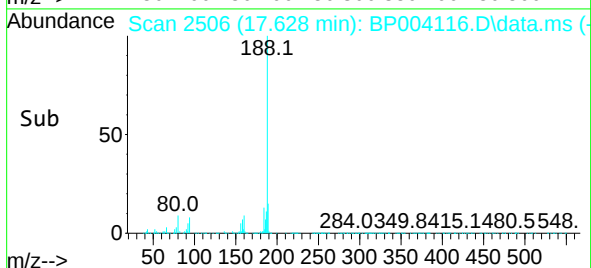
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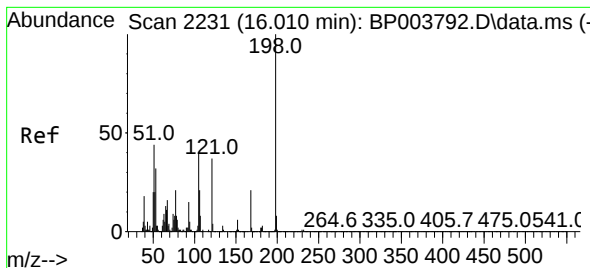


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.628 min Scan# 2506  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



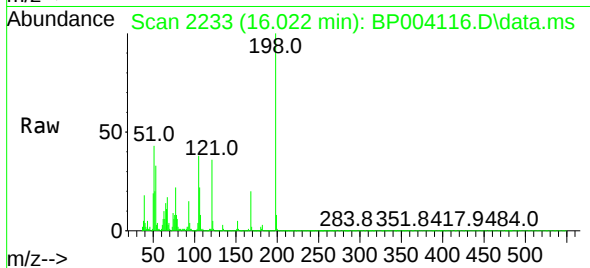
Tgt Ion: 188 Resp: 797720  
Ion Ratio Lower Upper  
188 100  
94 8.6 6.2 9.2  
80 9.6 6.2 9.2#





#65  
4,6-Dinitro-2-methylphenol  
Concen: 58.90 ng  
RT: 16.022 min Scan# 2233  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

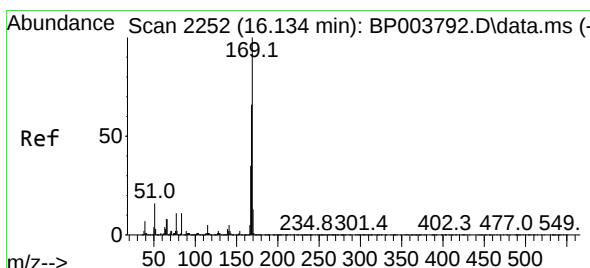
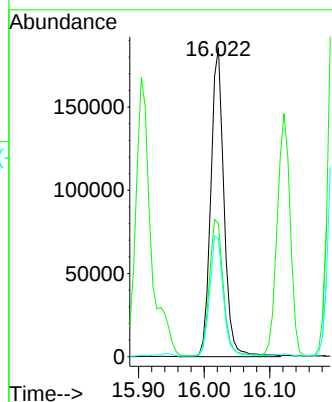
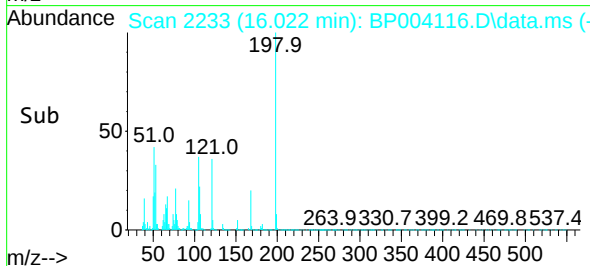
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



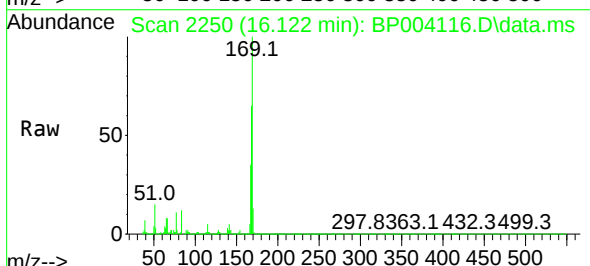
Tgt Ion:198 Resp: 260086  
Ion Ratio Lower Upper  
198 100  
51 43.1 6.4 46.4  
105 38.3 18.9 58.9

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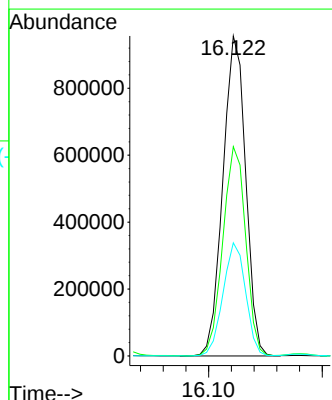
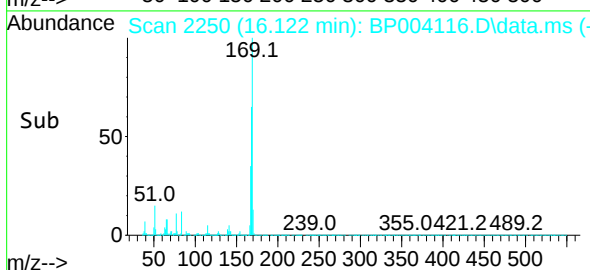
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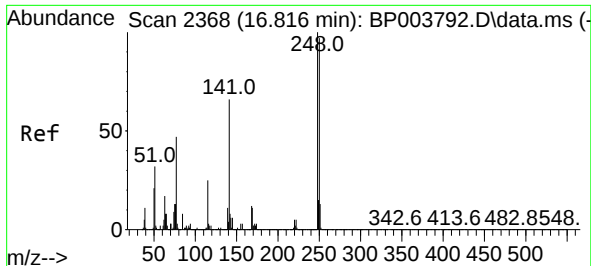


#66  
n-Nitrosodiphenylamine  
Concen: 54.56 ng  
RT: 16.122 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



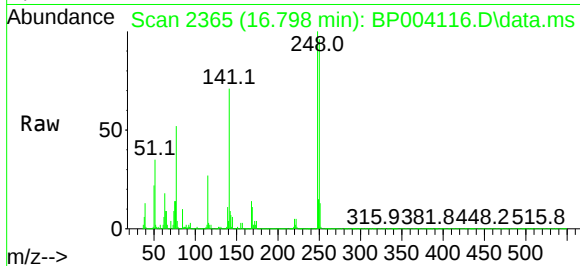
Tgt Ion:169 Resp: 1332254  
Ion Ratio Lower Upper  
169 100  
168 65.4 53.8 80.6  
167 35.3 28.9 43.3





#67  
4-Bromophenyl-phenylether  
Concen: 53.04 ng  
RT: 16.798 min Scan# 2365  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

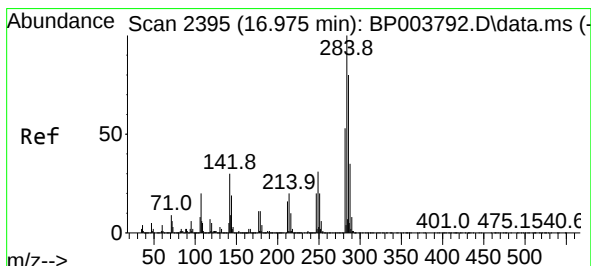
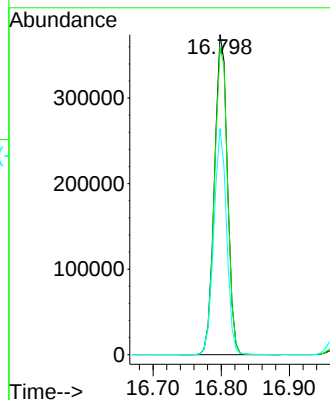
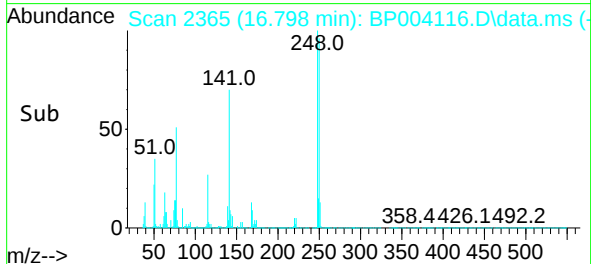
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



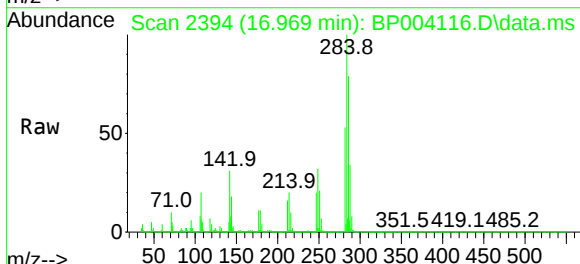
Tgt Ion:248 Resp: 495043  
Ion Ratio Lower Upper  
248 100  
250 96.0 76.7 115.1  
141 70.7 53.0 79.6

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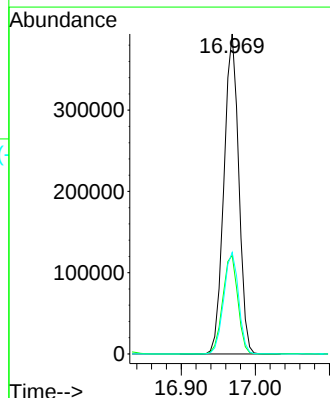
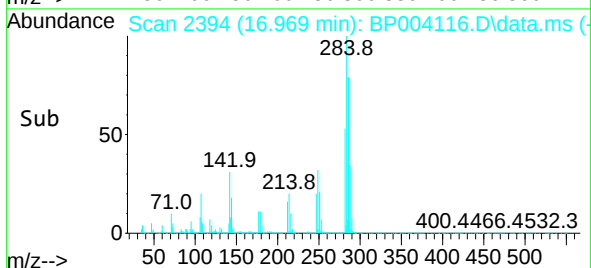
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#68  
Hexachlorobenzene  
Concen: 51.13 ng  
RT: 16.969 min Scan# 2394  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



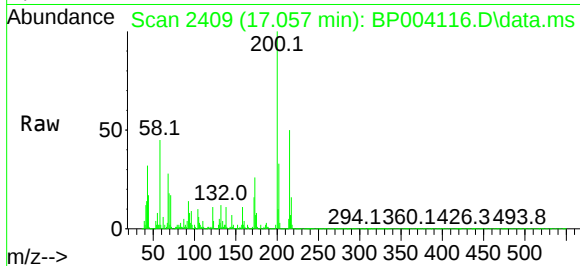
Tgt Ion:284 Resp: 544513  
Ion Ratio Lower Upper  
284 100  
142 30.8 24.2 36.4  
249 31.7 23.8 35.8





#69  
Atrazine  
Concen: 52.13 ng  
RT: 17.057 min Scan# 2409  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

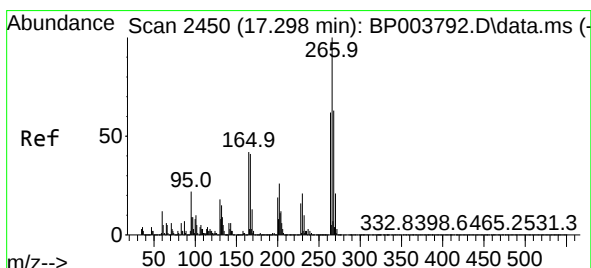
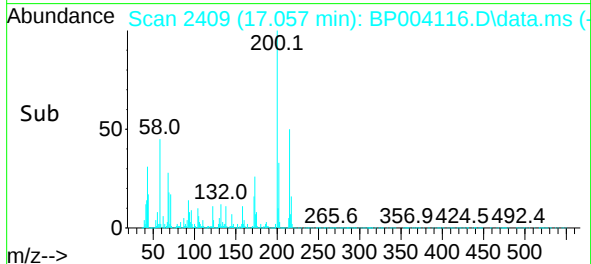
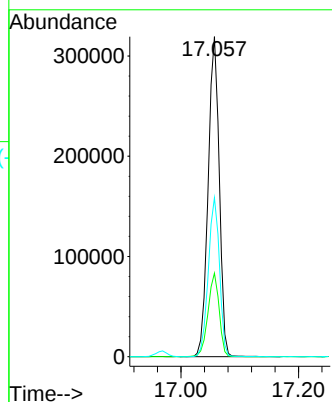
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



Tgt Ion:200 Resp: 417916  
Ion Ratio Lower Upper  
200 100  
173 26.1 5.9 45.9  
215 49.6 28.4 68.4

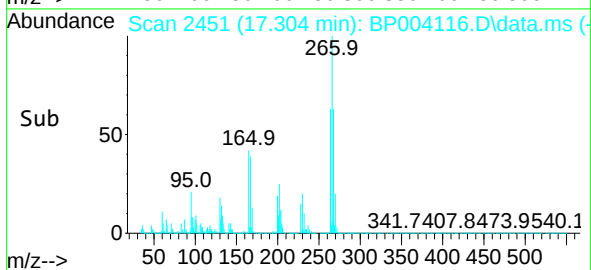
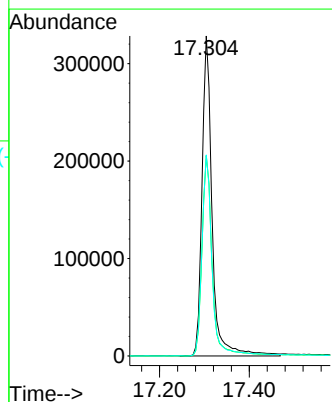
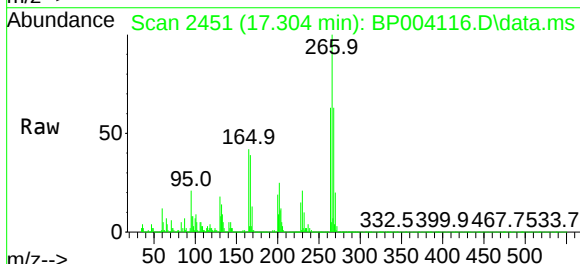
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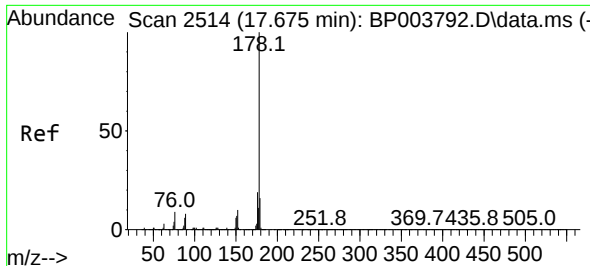
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#70  
Pentachlorophenol  
Concen: 100.59 ng  
RT: 17.304 min Scan# 2451  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

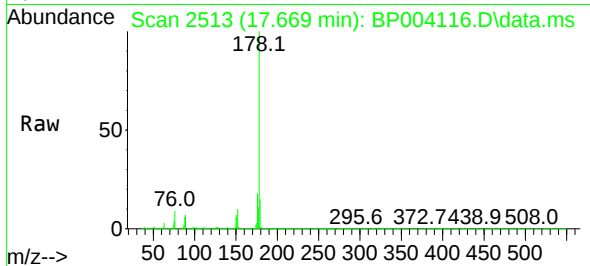
Tgt Ion:266 Resp: 512479  
Ion Ratio Lower Upper  
266 100  
268 62.6 51.1 76.7  
264 62.9 50.6 76.0





#71  
Phenanthrene  
Concen: 51.92 ng  
RT: 17.669 min Scan# 2513  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

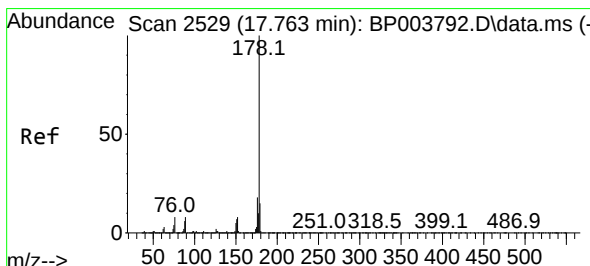
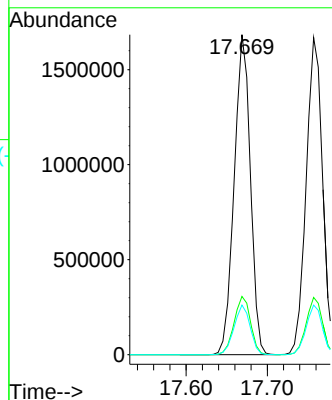
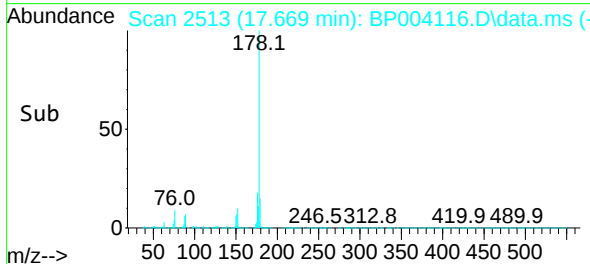
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



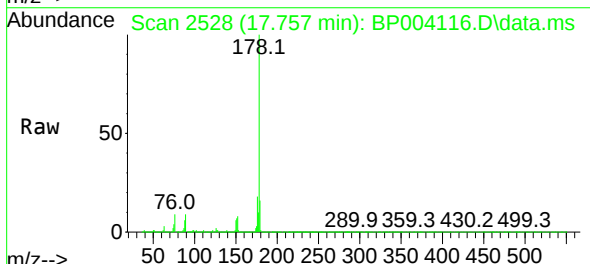
Tgt Ion:178 Resp: 2324673  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.3 22.9  
179 15.5 12.5 18.7

Manual Integrations  
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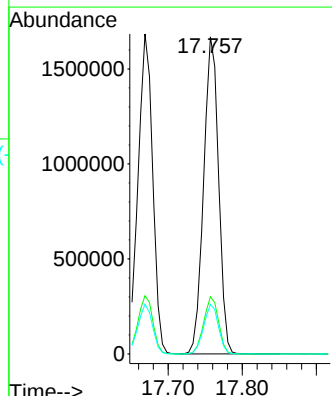
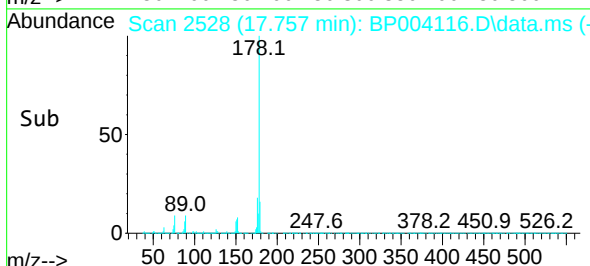
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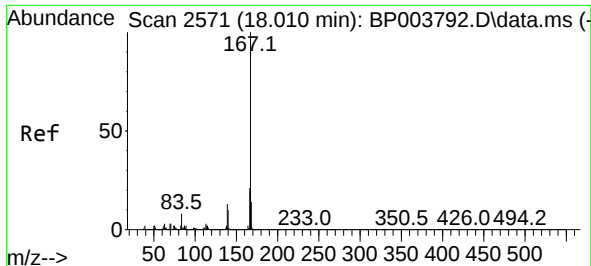


#72  
Anthracene  
Concen: 53.99 ng  
RT: 17.757 min Scan# 2528  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



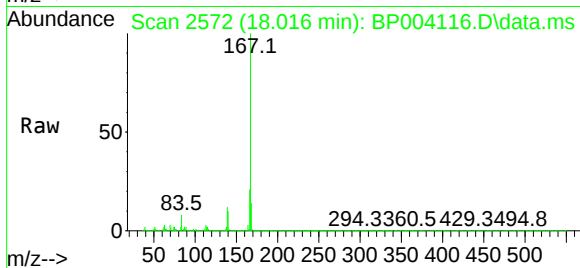
Tgt Ion:178 Resp: 2334709  
Ion Ratio Lower Upper  
178 100  
176 18.0 15.0 22.4  
179 15.6 12.5 18.7





#73  
 Carbazole  
 Concen: 52.28 ng  
 RT: 18.016 min Scan# 2572  
 Delta R.T. 0.006 min  
 Lab File: BP004116.D  
 Acq: 30 Nov 2020 17:31

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PAV-B3-112420-0-10MSD

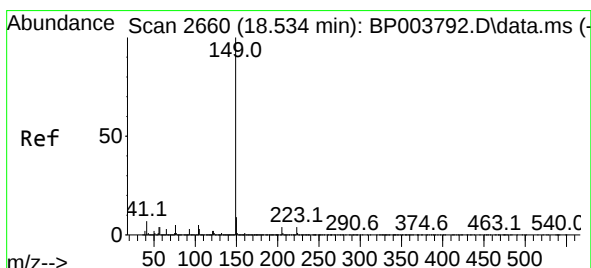
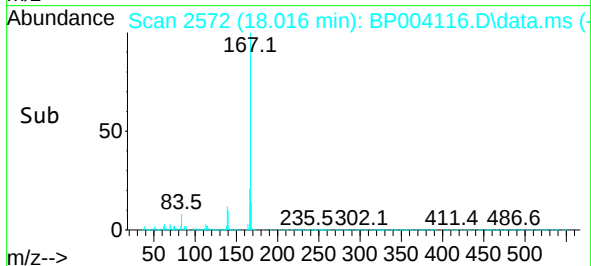
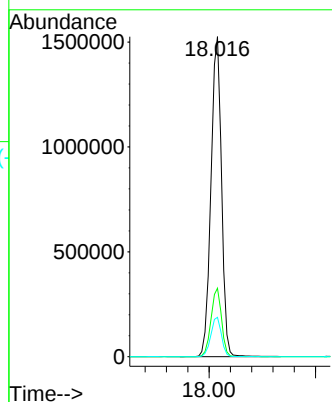


Tgt Ion:167 Resp: 2097384  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.4  | 17.6  | 26.4  |
| 139 | 12.3  | 10.2  | 15.4  |

Manual Integrations  
 APPROVED

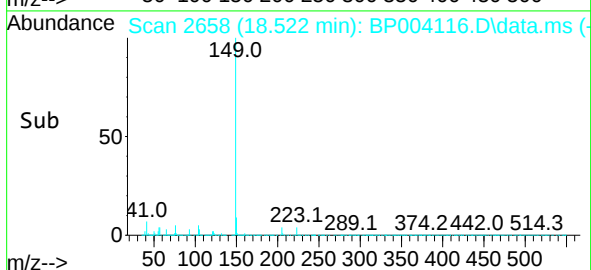
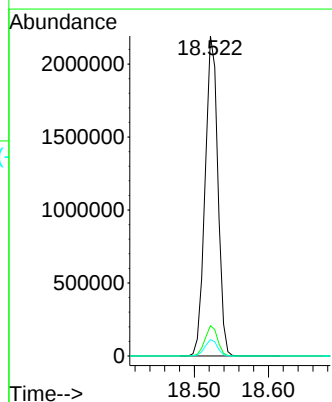
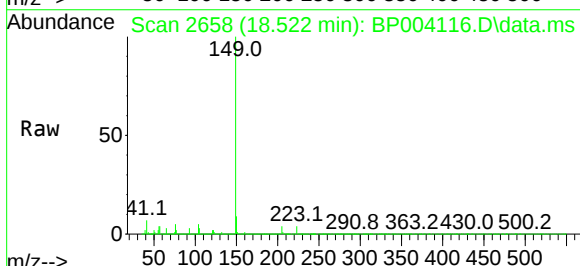
mohammad  
 12/1/2020 10:43:23 AM

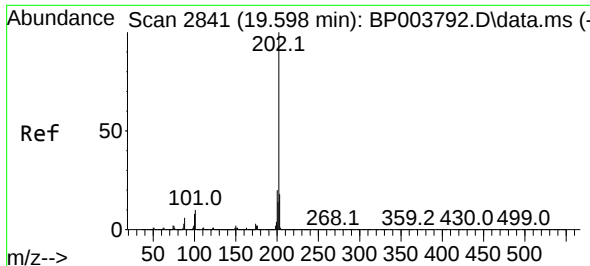


#74  
 Di-n-butylphthalate  
 Concen: 56.44 ng  
 RT: 18.522 min Scan# 2658  
 Delta R.T. 0.000 min  
 Lab File: BP004116.D  
 Acq: 30 Nov 2020 17:31

Tgt Ion:149 Resp: 2621212  

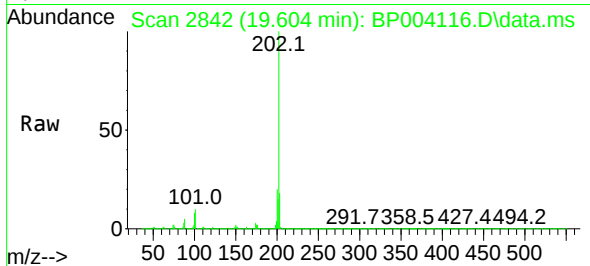
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.4   | 7.3   | 10.9  |
| 104 | 5.1   | 3.4   | 5.0   |





#75  
Fluoranthene  
Concen: 50.72 ng  
RT: 19.604 min Scan# 2842  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

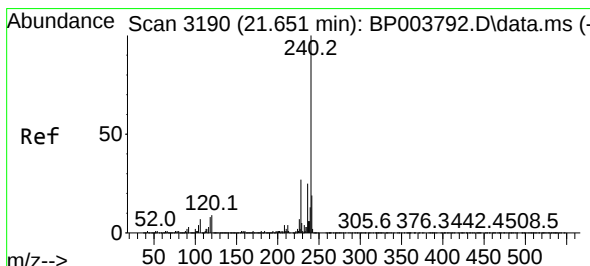
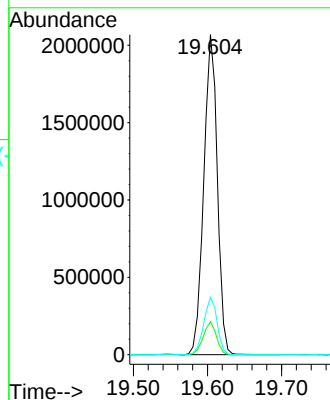
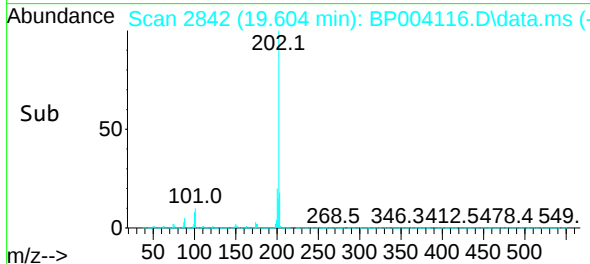
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



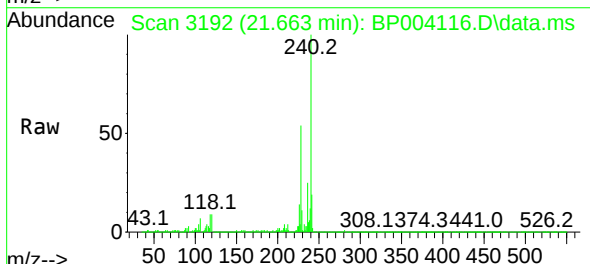
Tgt Ion:202 Resp: 2620219  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 29.4  
203 17.9 0.0 37.8

Manual Integrations  
APPROVED

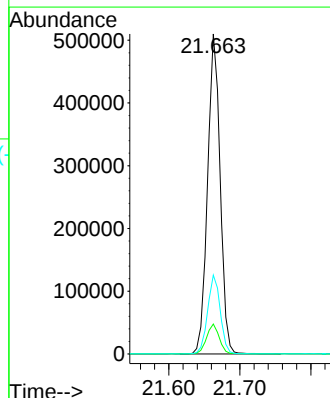
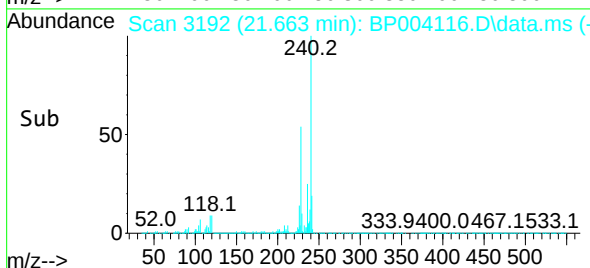
mohammad  
12/1/2020 10:43:23 AM

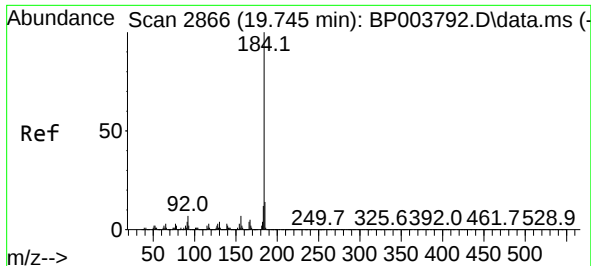


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.663 min Scan# 3192  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



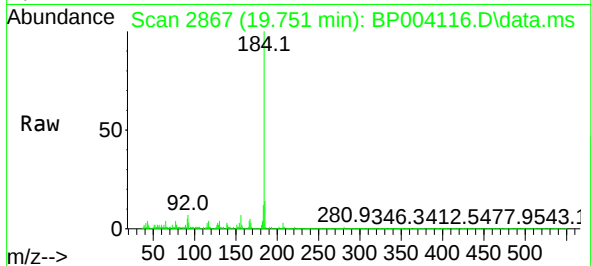
Tgt Ion:240 Resp: 627763  
Ion Ratio Lower Upper  
240 100  
120 9.4 7.8 11.6  
236 24.6 20.8 31.2





#77  
Benzidine  
Concen: 6.15 ng  
RT: 19.751 min Scan# 2867  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

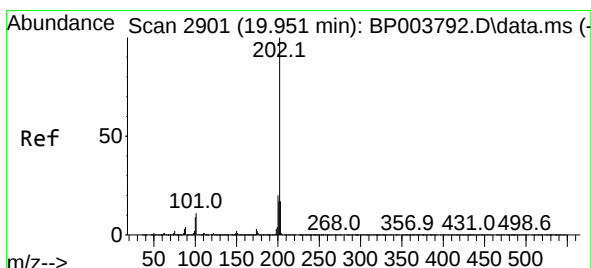
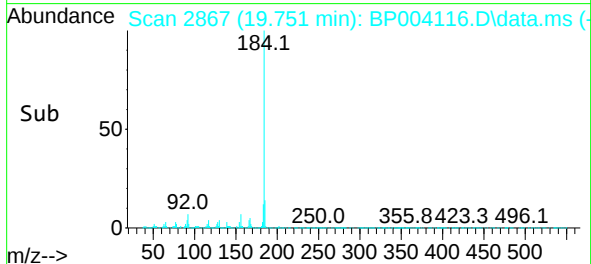
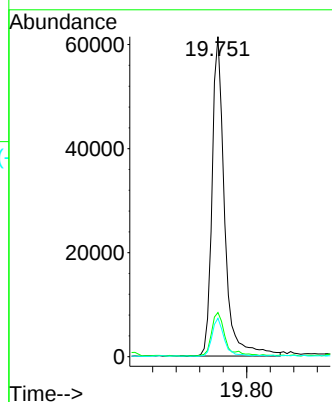
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



Tgt Ion:184 Resp: 91082  
Ion Ratio Lower Upper  
184 100  
185 13.8 11.5 17.3  
183 12.0 9.6 14.4

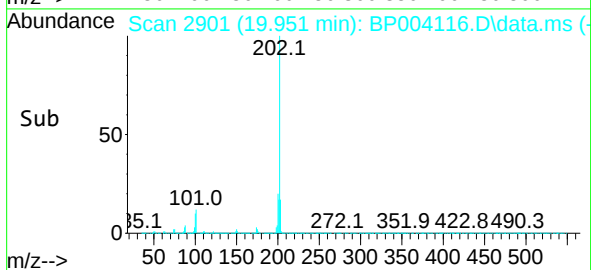
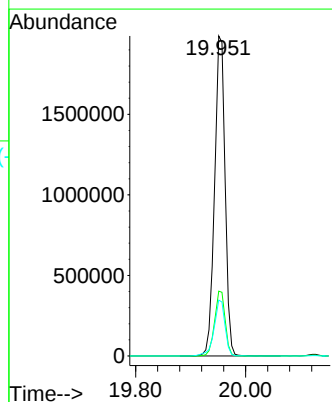
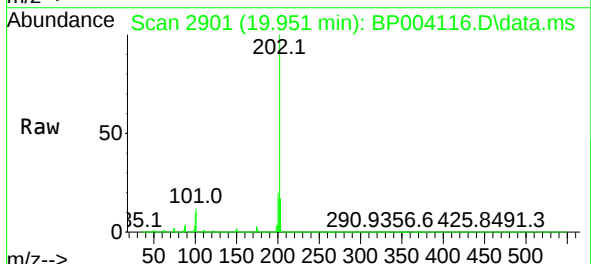
Manual Integrations  
APPROVED

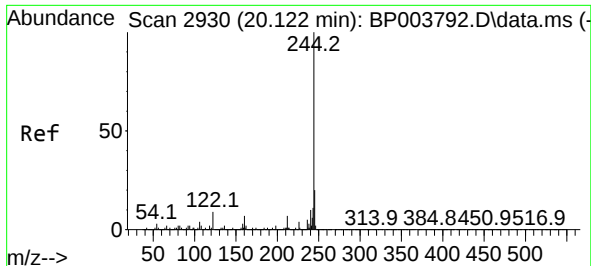
mohammad  
12/1/2020 10:43:23 AM



#78  
Pyrene  
Concen: 61.97 ng  
RT: 19.951 min Scan# 2901  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

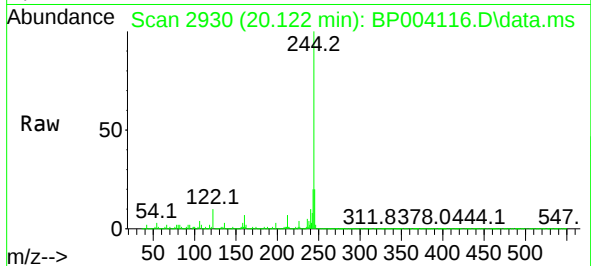
Tgt Ion:202 Resp: 2640064  
Ion Ratio Lower Upper  
202 100  
200 20.3 17.1 25.7  
203 17.5 14.2 21.2





#79  
Terphenyl-d14  
Concen: 108.09 ng  
RT: 20.122 min Scan# 2930  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

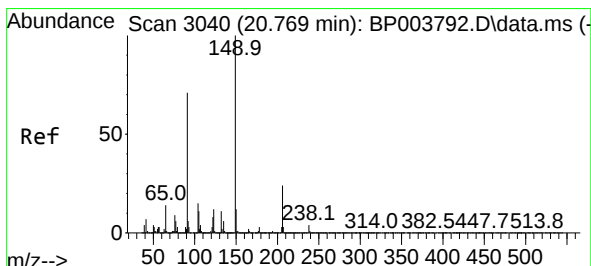
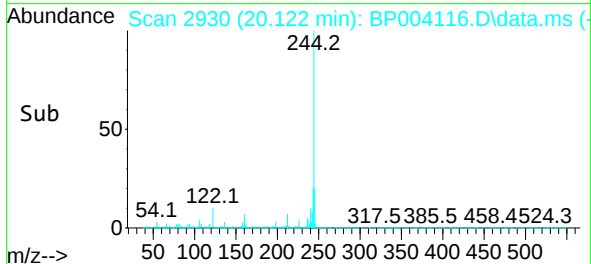
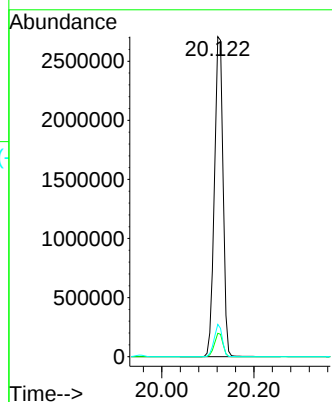
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



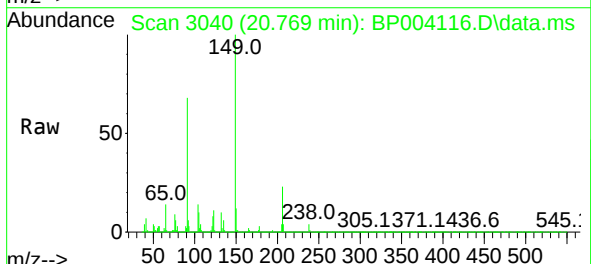
Tgt Ion:244 Resp: 3512345  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.8 8.6  
122 10.1 7.8 11.8

Manual Integrations  
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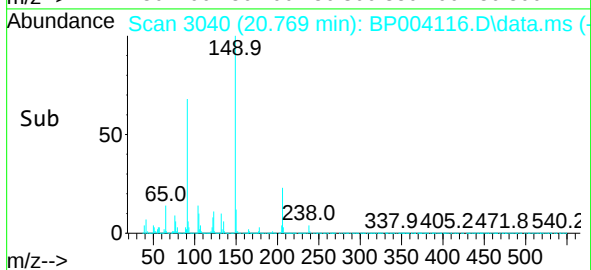
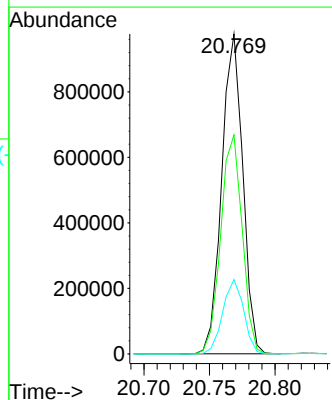
mohammad  
12/1/2020 10:43:23 AM

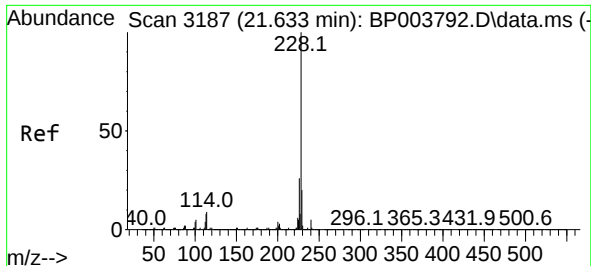


#80  
Butylbenzylphthalate  
Concen: 68.48 ng  
RT: 20.769 min Scan# 3040  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



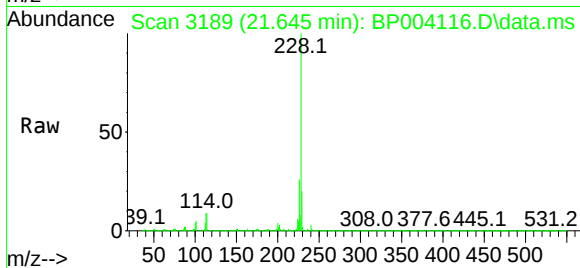
Tgt Ion:149 Resp: 1086998  
Ion Ratio Lower Upper  
149 100  
91 68.5 45.4 68.0#  
206 23.3 17.1 25.7





#81  
Benzo(a)anthracene  
Concen: 53.30 ng  
RT: 21.645 min Scan# 3189  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

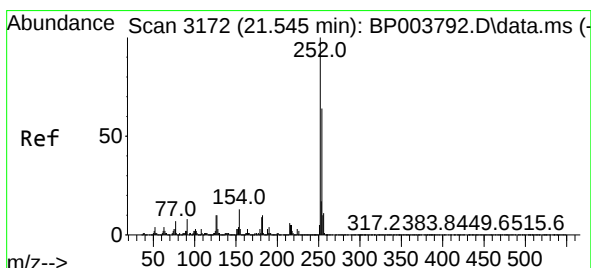
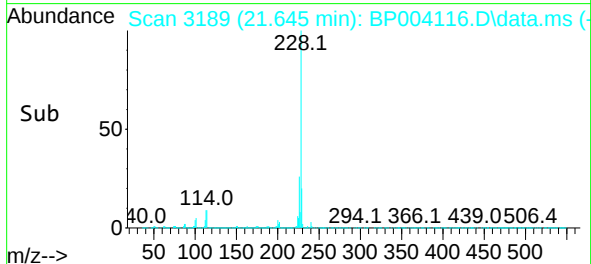
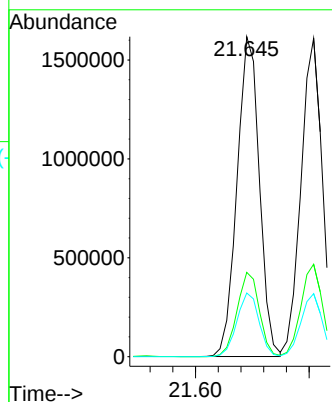
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



Tgt Ion:228 Resp: 2206455  
Ion Ratio Lower Upper  
228 100  
226 26.4 22.1 33.1  
229 19.9 15.9 23.9

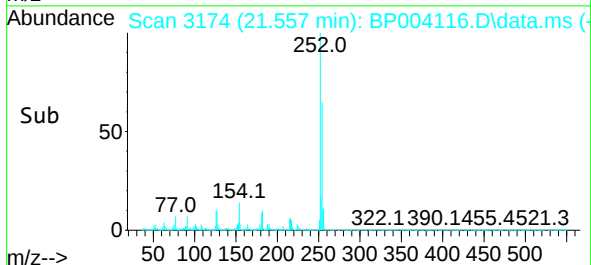
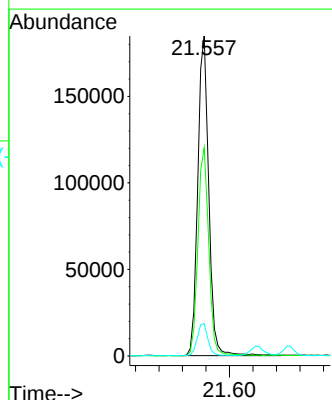
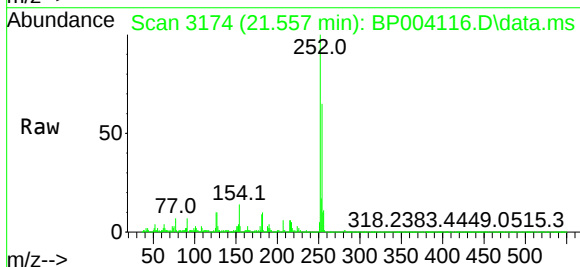
Manual Integrations  
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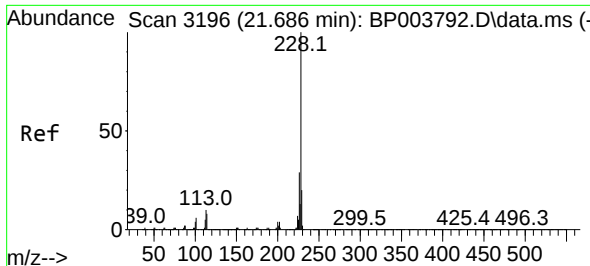
mohammad  
12/1/2020 10:43:23 AM



#82  
3,3'-Dichlorobenzidine  
Concen: 16.72 ng  
RT: 21.557 min Scan# 3174  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

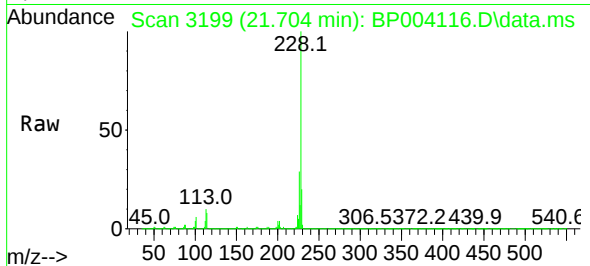
Tgt Ion:252 Resp: 238759  
Ion Ratio Lower Upper  
252 100  
254 65.1 51.0 76.4  
126 10.1 7.9 11.9





#83  
Chrysene  
Concen: 52.61 ng  
RT: 21.704 min Scan# 3199  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

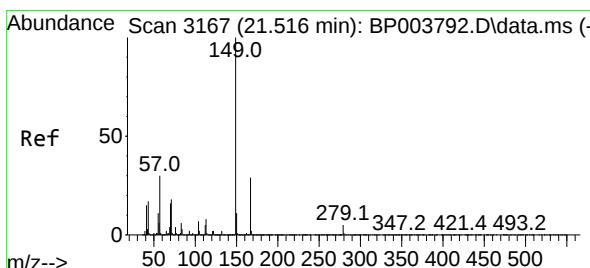
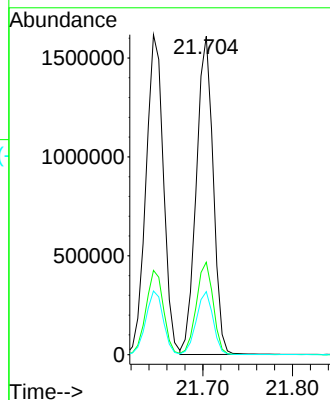
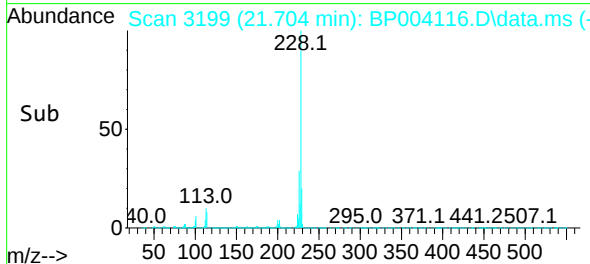
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



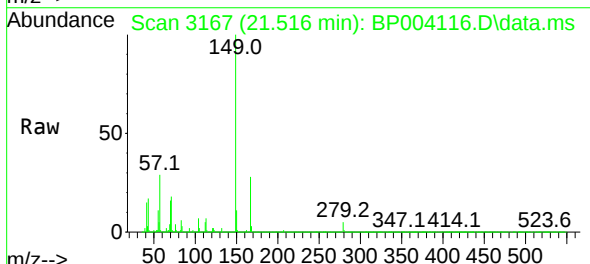
Tgt Ion:228 Resp: 2092667  
Ion Ratio Lower Upper  
228 100  
226 29.0 24.4 36.6  
229 19.8 15.8 23.6

Manual Integrations  
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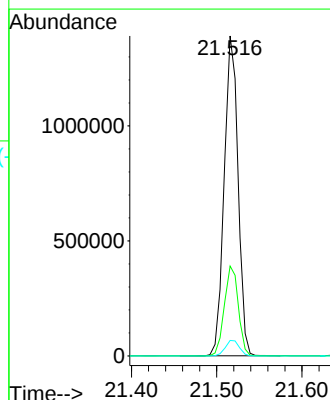
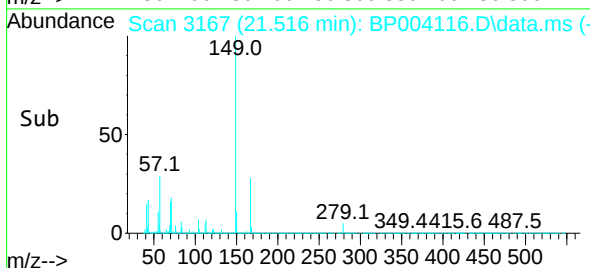
mohammad  
12/1/2020 10:43:23 AM

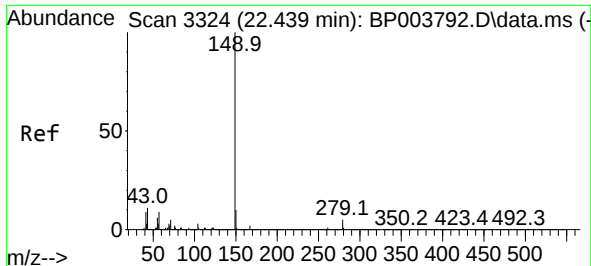


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 67.03 ng  
RT: 21.516 min Scan# 3167  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



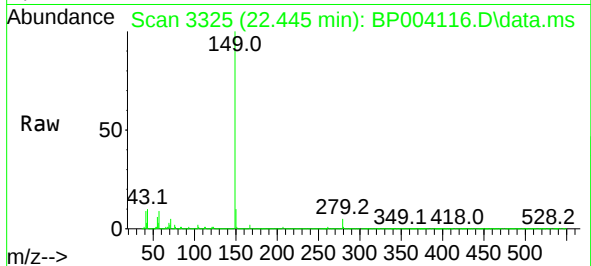
Tgt Ion:149 Resp: 1568263  
Ion Ratio Lower Upper  
149 100  
167 28.1 22.6 34.0  
279 4.9 4.2 6.2





#85  
Di-n-octyl phthalate  
Concen: 63.82 ng  
RT: 22.445 min Scan# 3325  
Delta R.T. 0.000 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

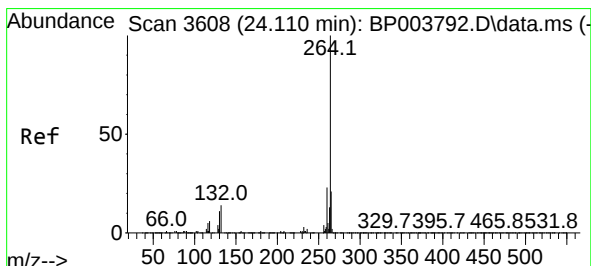
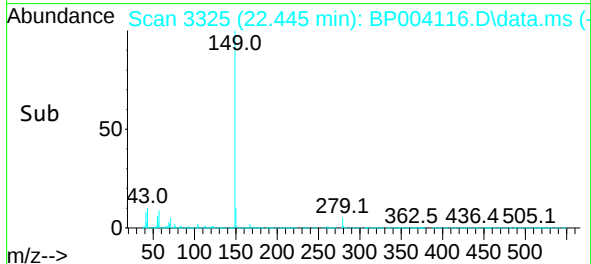
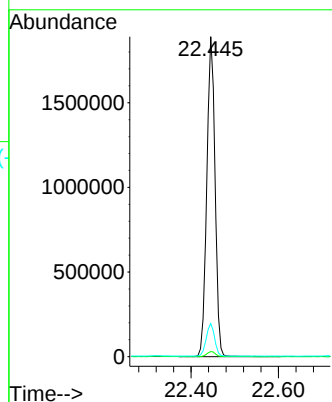
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



Tgt Ion:149 Resp: 2487717  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.2 3.7 5.5#

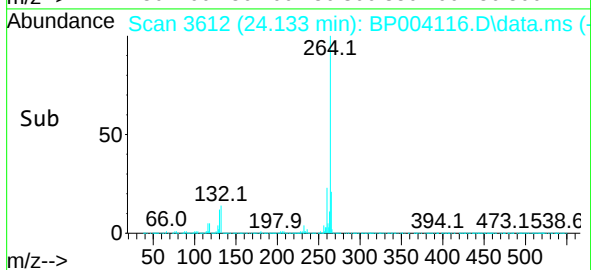
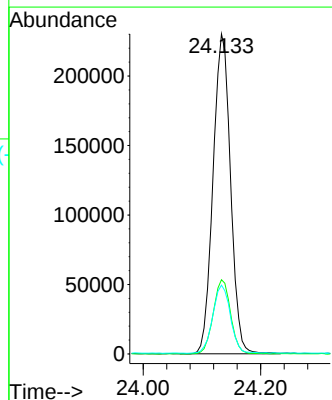
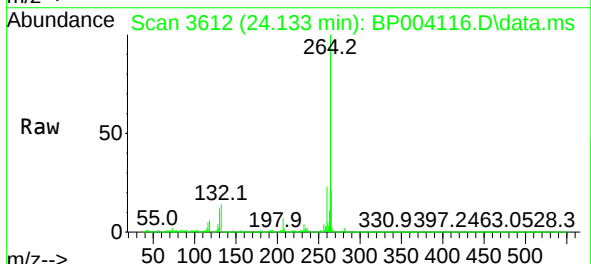
Manual Integrations  
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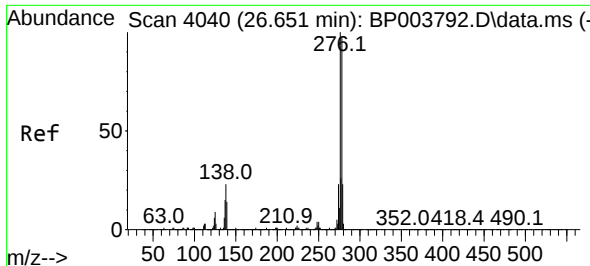
mohammad  
12/1/2020 10:43:23 AM



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.133 min Scan# 3612  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

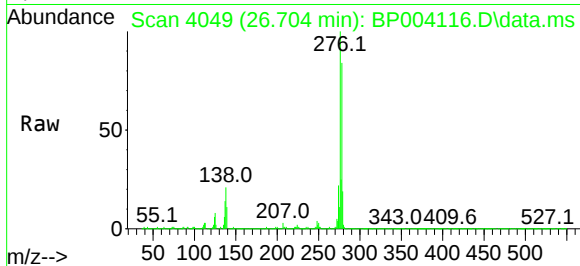
Tgt Ion:264 Resp: 475519  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.8 28.2  
265 21.5 17.4 26.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 48.57 ng  
RT: 26.704 min Scan# 4049  
Delta R.T. 0.012 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

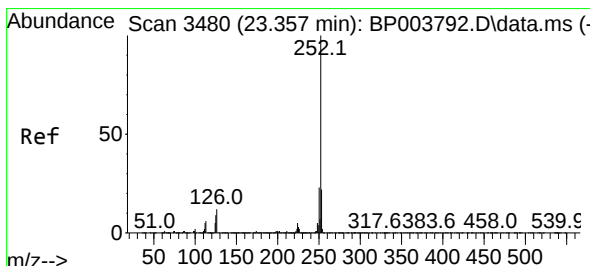
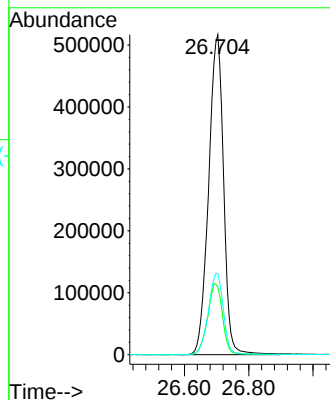
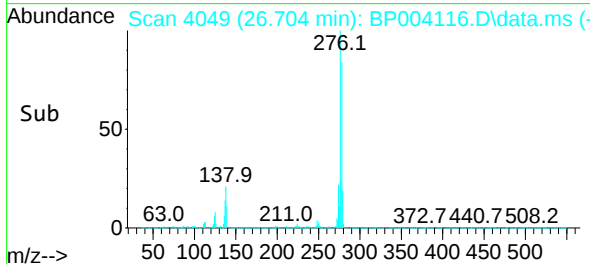
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



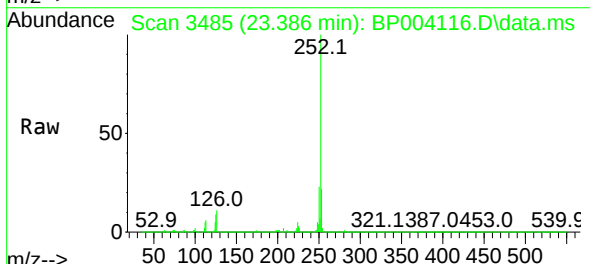
Tgt Ion:276 Resp: 1666257  
Ion Ratio Lower Upper  
276 100  
138 22.0 18.7 28.1  
277 25.6 20.4 30.6

Manual Integrations  
APPROVED

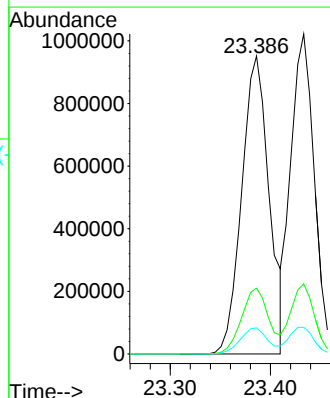
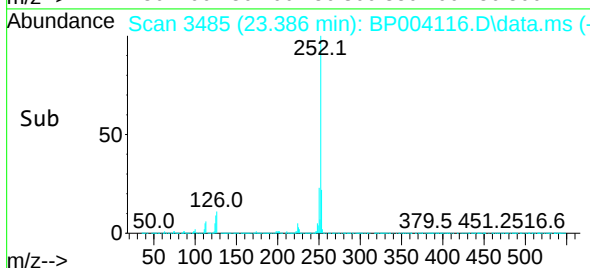
mohammad  
12/1/2020 10:43:23 AM

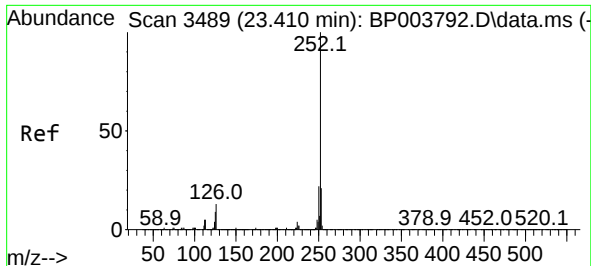


#88  
Benzo(b)fluoranthene  
Concen: 58.09 ng  
RT: 23.386 min Scan# 3485  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



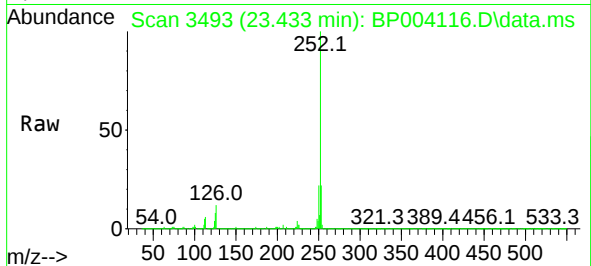
Tgt Ion:252 Resp: 1807668  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.6 26.4  
125 8.8 7.3 10.9





#89  
Benzo(k)fluoranthene  
Concen: 54.02 ng  
RT: 23.433 min Scan# 3493  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

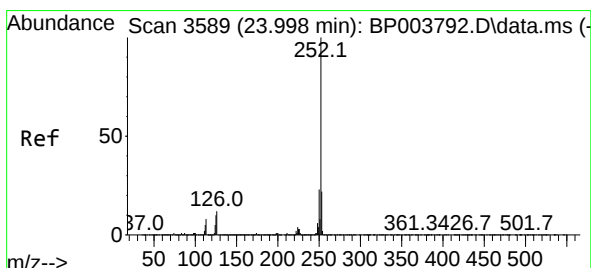
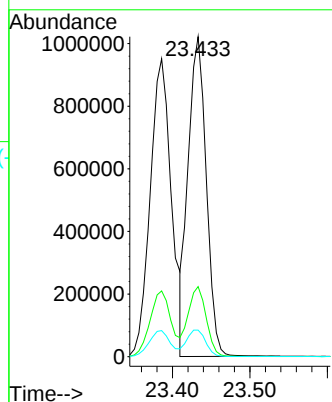
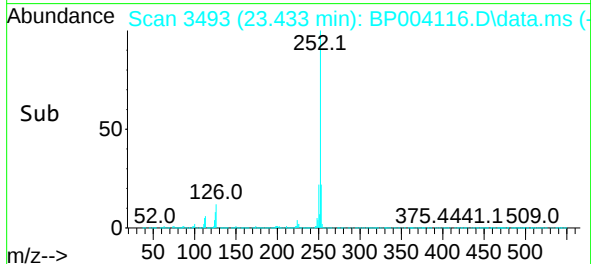
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



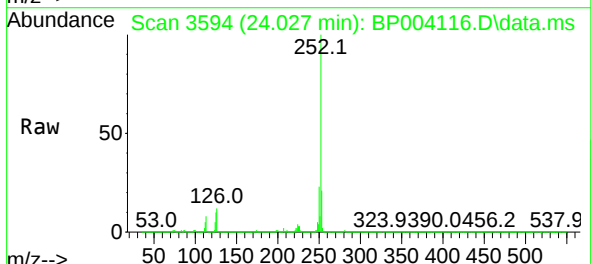
Tgt Ion:252 Resp: 1659726  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.8 26.8  
125 8.3 7.4 11.2

Manual Integrations  
APPROVED

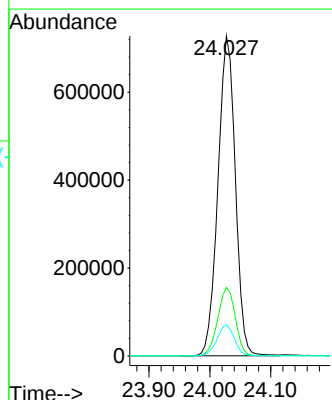
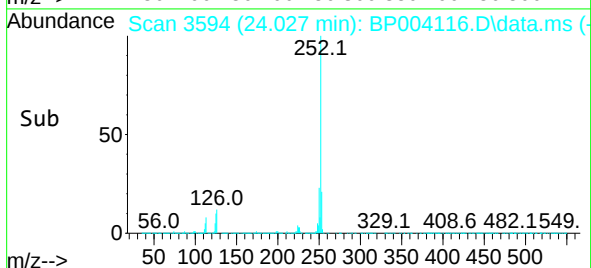
mohammad  
12/1/2020 10:43:23 AM

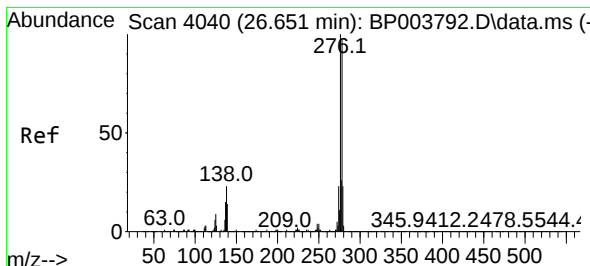


#90  
Benzo(a)pyrene  
Concen: 50.11 ng  
RT: 24.027 min Scan# 3594  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



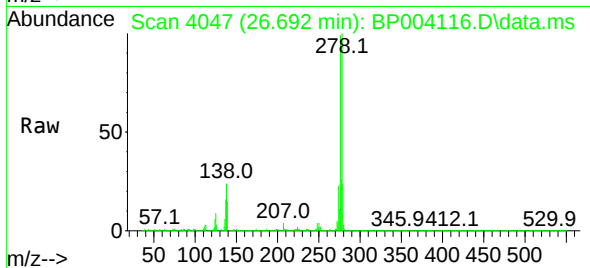
Tgt Ion:252 Resp: 1443484  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.4 26.0  
125 9.8 8.2 12.4





#91  
Dibenzo(a,h)anthracene  
Concen: 49.15 ng  
RT: 26.692 min Scan# 4047  
Delta R.T. 0.006 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31

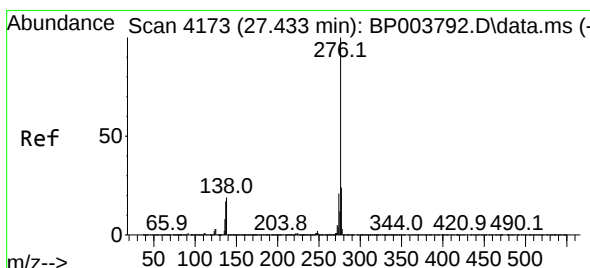
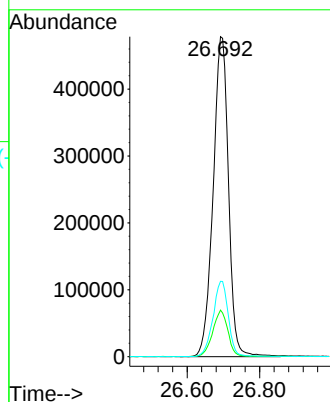
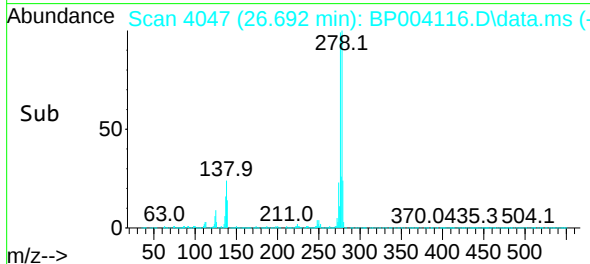
Instrument :  
BNA\_P  
ClientSampleId :  
PAV-B3-112420-0-10MSD



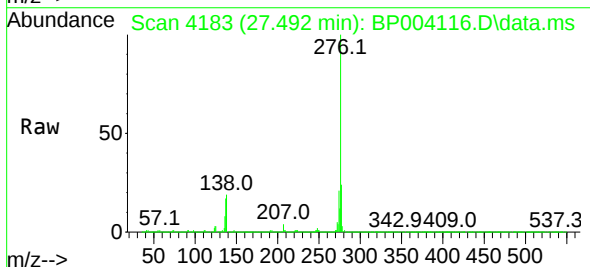
Tgt Ion:278 Resp: 1405265  
Ion Ratio Lower Upper  
278 100  
139 14.5 12.4 18.6  
279 23.6 19.0 28.6

Manual Integrations  
APPROVED

mohammad  
12/1/2020 10:43:23 AM



#92  
Benzo(g,h,i)perylene  
Concen: 50.96 ng  
RT: 27.492 min Scan# 4183  
Delta R.T. 0.012 min  
Lab File: BP004116.D  
Acq: 30 Nov 2020 17:31



Tgt Ion:276 Resp: 1410392  
Ion Ratio Lower Upper  
276 100  
277 23.6 19.0 28.6  
138 18.5 16.6 24.8

