

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110420\  
 Data File : BP003804.D  
 Acq On : 04 Nov 2020 13:19  
 Operator : CG/JU  
 Sample : L3971-03DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PT-BN-WPDL

Manual Integrations  
 APPROVED

mohammad  
 11/6/2020 10:31:07 AM

Quant Time: Nov 05 14:54:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 05 14:31:45 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.293  | 152  | 145077   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.128 | 136  | 568251   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.910 | 164  | 349613   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.639 | 188  | 745352   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.657 | 240  | 760906   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 24.121 | 264  | 771875   | 20.00 | ng    | 0.01     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.811  | 112  | 300829   | 34.61 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.452  | 99   | 403183   | 32.31 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.458  | 82   | 285438m  | 24.60 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.387 | 330  | 130600   | 29.87 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.540 | 172  | 628599   | 25.14 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.128 | 244  | 924956   | 23.48 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 4) n-Nitrosodimethylamine     | 3.840  | 42   | 122760   | 24.24 | ng    | # 58     |
| 11) bis(2-Chloroethyl)ether   | 7.681  | 93   | 94710    | 9.79  | ng    | # 78     |
| 12) 1,3-Dichlorobenzene       | 8.193  | 146  | 430678   | 38.08 | ng    | # 94     |
| 13) 1,4-Dichlorobenzene       | 8.334  | 146  | 411088   | 36.05 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.663  | 146  | 337674   | 31.00 | ng    | 96       |
| 18) Hexachloroethane          | 9.410  | 117  | 76216    | 18.81 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 9.093  | 70   | 294341   | 39.47 | ng    | # 75     |
| 24) Nitrobenzene              | 9.499  | 77   | 162679   | 14.11 | ng    | # 81     |
| 25) Isophorone                | 10.022 | 82   | 774873   | 39.32 | ng    | # 89     |
| 28) bis(2-Chloroethoxy)met... | 10.499 | 93   | 393912   | 29.13 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.993 | 180  | 372192   | 33.76 | ng    | 100      |
| 31) Naphthalene               | 11.175 | 128  | 686845   | 22.52 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.493 | 225  | 171048   | 23.79 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.134 | 237  | 105311   | 18.04 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.793 | 162  | 818894   | 36.78 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.975 | 65   | 214852   | 32.34 | ng    | # 61     |
| 49) Acenaphthylene            | 14.634 | 152  | 778333   | 23.80 | ng    | 100      |
| 50) Dimethylphthalate         | 14.340 | 163  | 887153   | 32.46 | ng    | 100      |
| 52) Acenaphthene              | 14.975 | 154  | 750356   | 34.45 | ng    | 97       |
| 55) Dibenzofuran              | 15.304 | 168  | 904294   | 27.94 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 15.240 | 165  | 318681   | 42.33 | ng    | # 72     |
| 58) Fluorene                  | 15.945 | 166  | 301861   | 11.65 | ng    | 99       |
| 60) Diethylphthalate          | 15.687 | 149  | 622263   | 23.26 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.928 | 204  | 534096   | 37.71 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.981 | 284  | 241913   | 24.31 | ng    | 98       |
| 71) Phenanthrene              | 17.681 | 178  | 628373   | 15.02 | ng    | 98       |
| 75) Fluoranthene              | 19.604 | 202  | 899090   | 18.63 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.775 | 149  | 766007   | 39.81 | ng    | # 86     |
| 81) Benzo(a)anthracene        | 21.639 | 228  | 802783   | 16.00 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.522 | 149  | 522003   | 18.41 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.369 | 252  | 947371   | 18.76 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.416 | 252  | 896674   | 17.98 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.445 | 276  | 934712   | 20.81 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

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

**Instrument :**  
BNA\_P  
**ClientSampleId :**  
PT-BN-WPDL

**Manual Integrations**  
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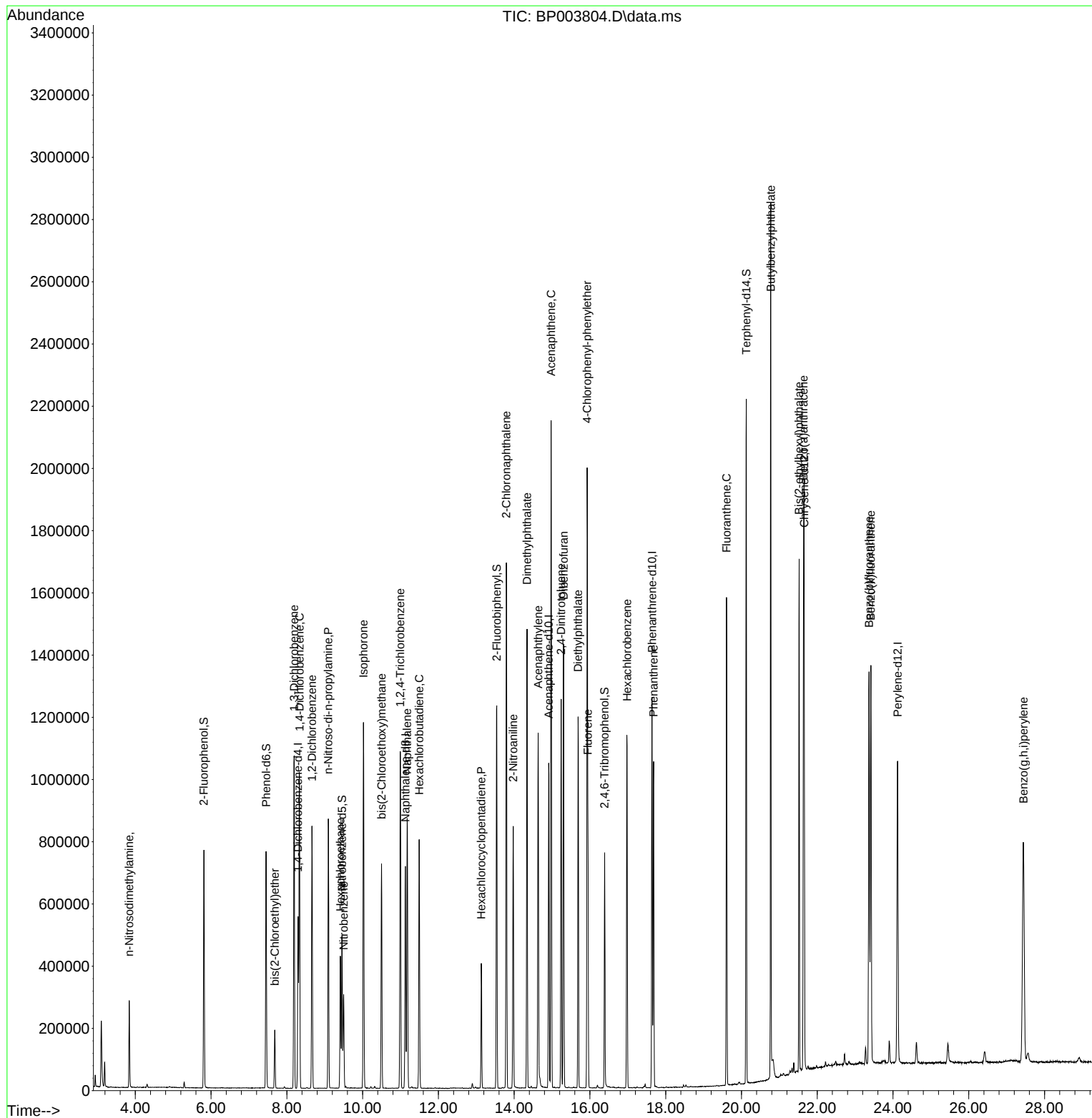
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110420\  
 Data File : BP003804.D  
 Acq On : 04 Nov 2020 13:19  
 Operator : CG/JU  
 Sample : L3971-03DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampled :  
 PT-BN-WPDL

Manual Integrations  
 APPROVED

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Quant Time: Nov 05 14:54:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 05 14:31:45 2020  
 Response via : Initial Calibration





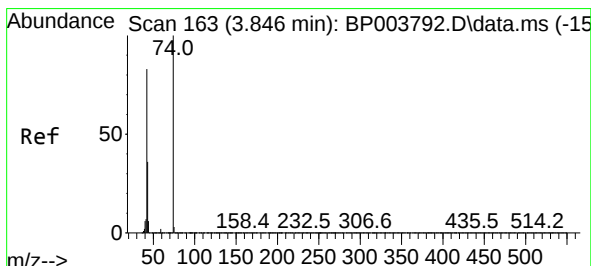
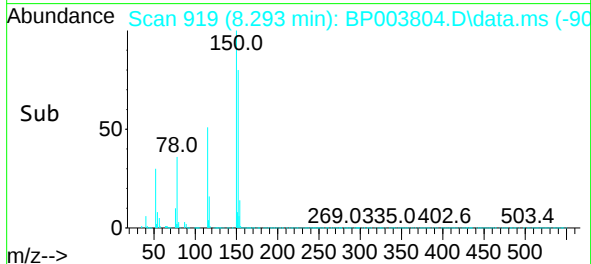
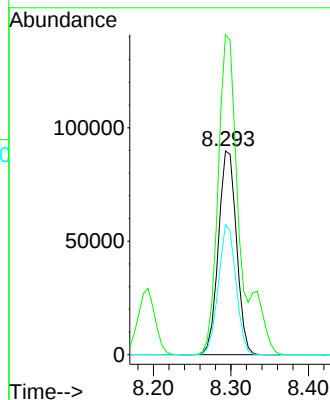
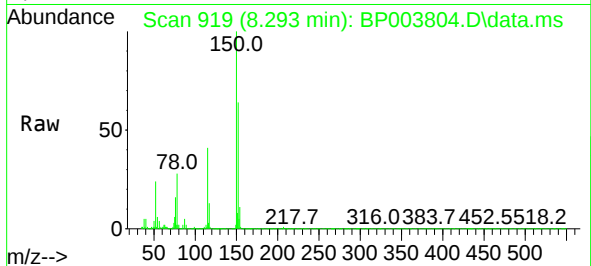
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.293 min Scan# 919  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion:152 Resp: 145077  
Ion Ratio Lower Upper  
152 100  
150 157.1 123.8 185.6  
115 64.0 43.8 65.6

Instrument :  
BNA\_P  
ClientSampleId :  
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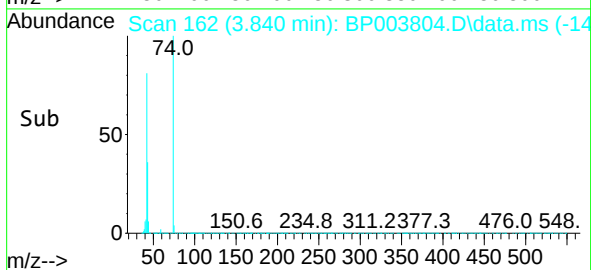
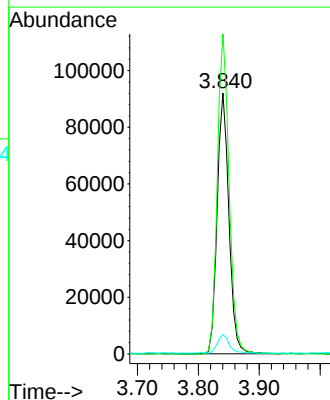
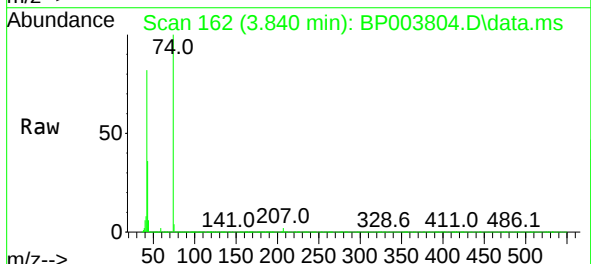
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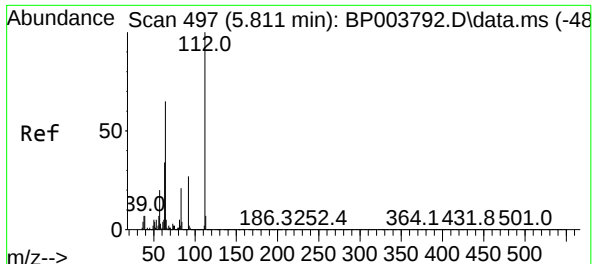
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#4  
n-Nitrosodimethylamine  
Concen: 24.24 ng  
RT: 3.840 min Scan# 162  
Delta R.T. -0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

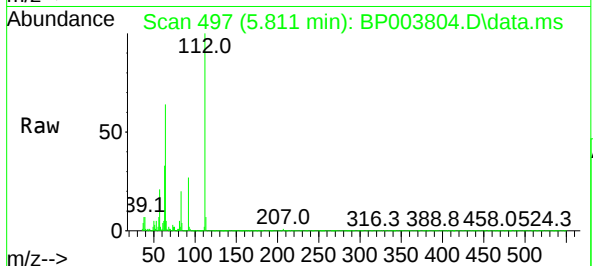
Tgt Ion: 42 Resp: 122760  
Ion Ratio Lower Upper  
42 100  
74 122.7 148.6 223.0#  
44 7.4 5.3 7.9





#5  
2-Fluorophenol  
Concen: 34.61 ng  
RT: 5.811 min Scan# 497  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

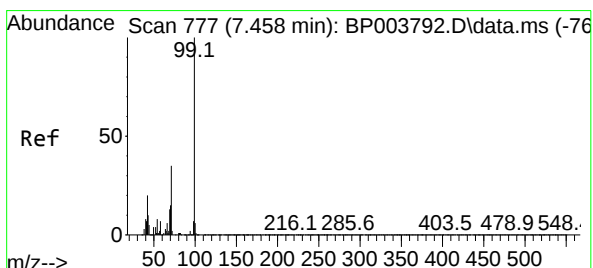
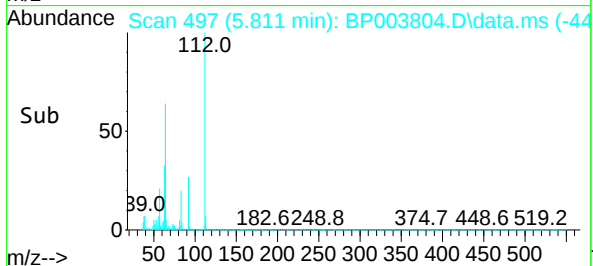
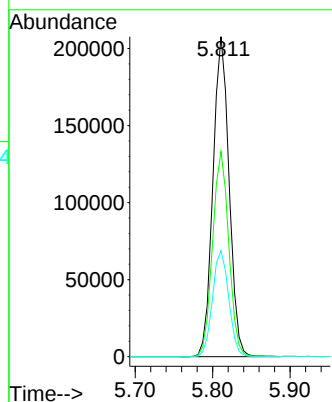
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BNA\_P  
ClientSampleId :  
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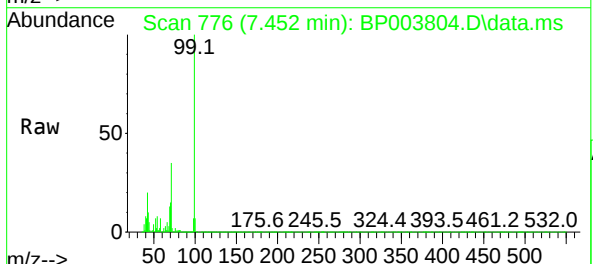
Tgt Ion: 112 Resp: 300829  
Ion Ratio Lower Upper  
112 100  
64 64.2 32.8 49.2#  
63 33.1 17.0 25.4#

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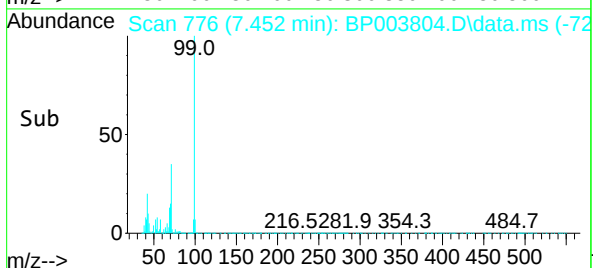
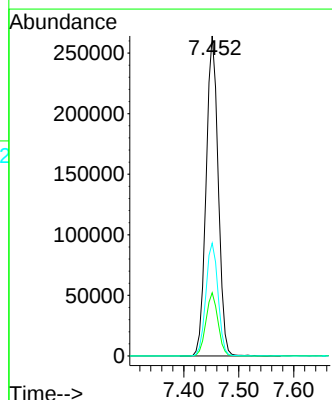
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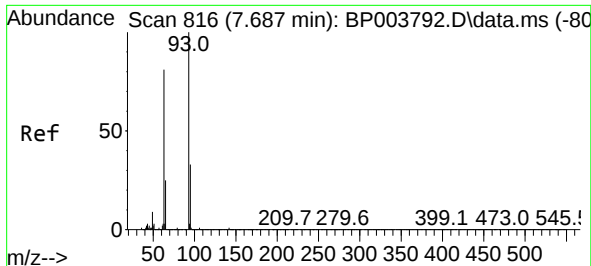


#7  
Phenol-d6  
Concen: 32.31 ng  
RT: 7.452 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19



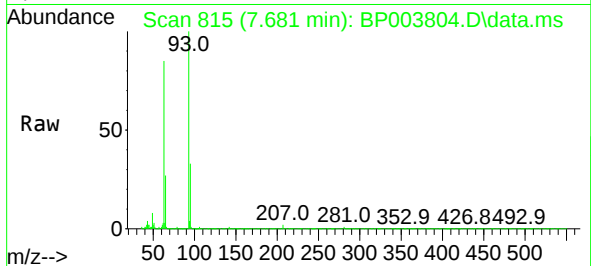
Tgt Ion: 99 Resp: 403183  
Ion Ratio Lower Upper  
99 100  
42 19.7 8.6 13.0#  
71 35.3 23.4 35.2#





#11  
bis(2-Chloroethyl)ether  
Concen: 9.79 ng  
RT: 7.681 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

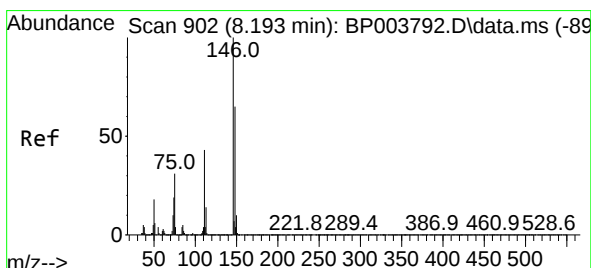
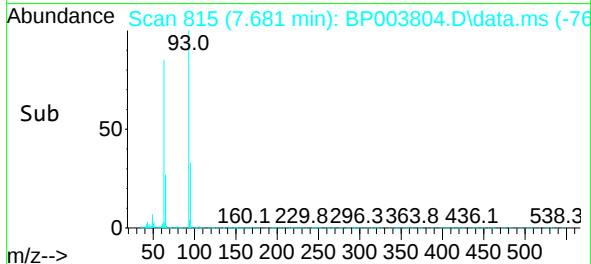
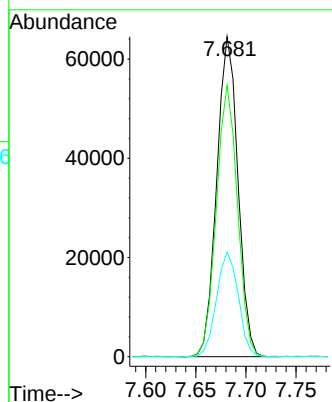
Instrument :  
BNA\_P  
ClientSampleId :  
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Tgt Ion: 93 Resp: 94710  
Ion Ratio Lower Upper  
93 100  
63 84.8 39.0 79.0#  
95 32.7 12.8 52.8

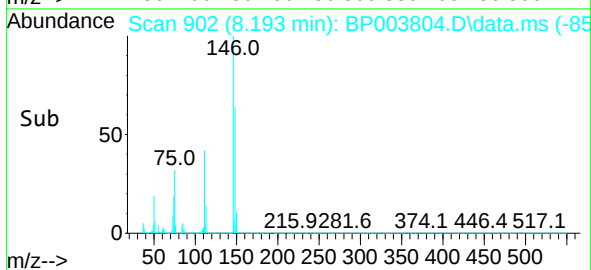
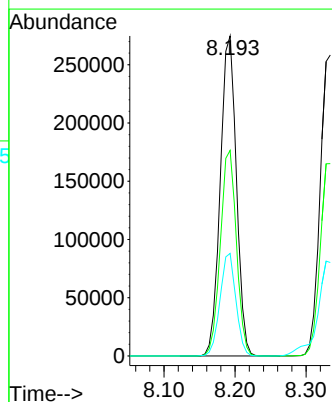
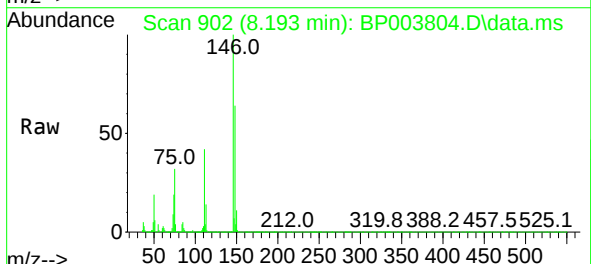
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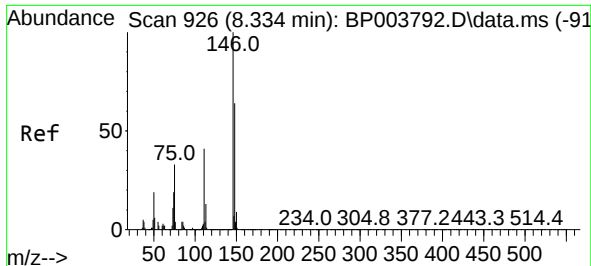
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#12  
1,3-Dichlorobenzene  
Concen: 38.08 ng  
RT: 8.193 min Scan# 902  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion: 146 Resp: 430678  
Ion Ratio Lower Upper  
146 100  
148 64.2 52.5 78.7  
75 32.0 18.1 27.1#





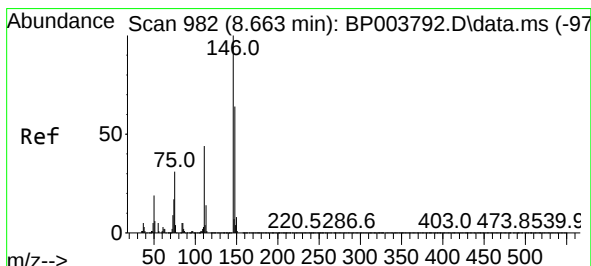
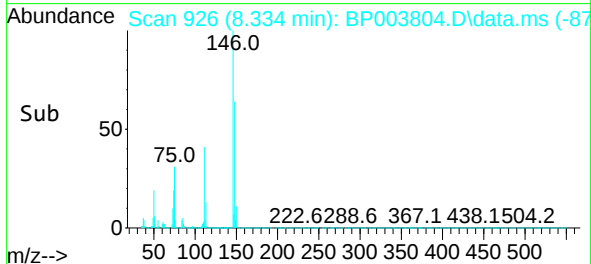
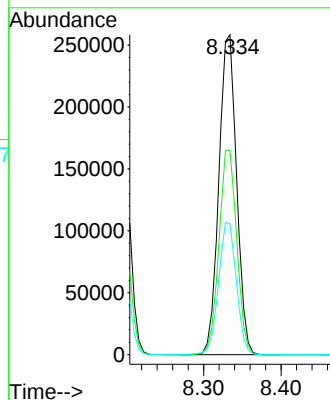
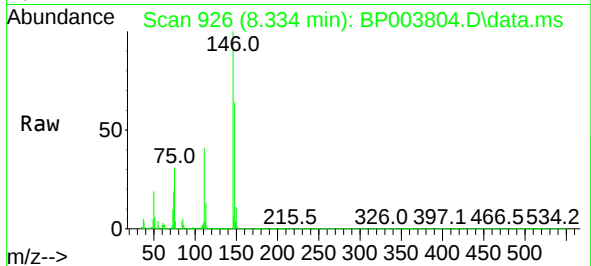
#13  
1,4-Dichlorobenzene  
Concen: 36.05 ng  
RT: 8.334 min Scan# 926  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion:146 Resp: 411088  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.3 76.9  
111 40.9 28.9 43.3

Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL

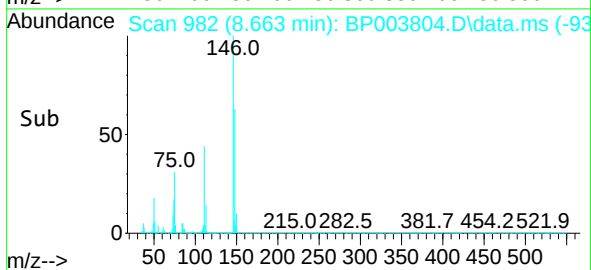
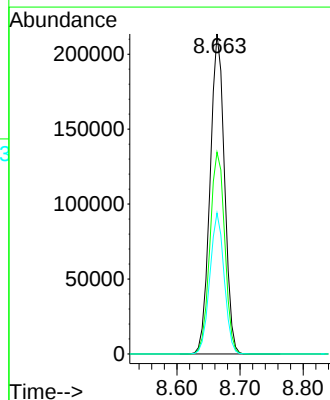
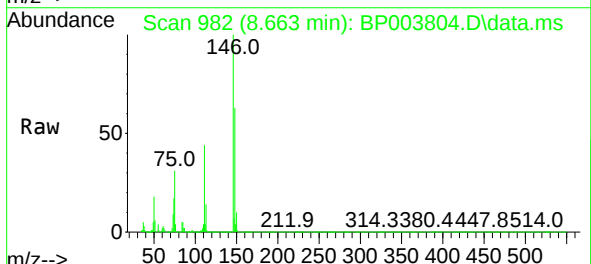
Manual Integrations  
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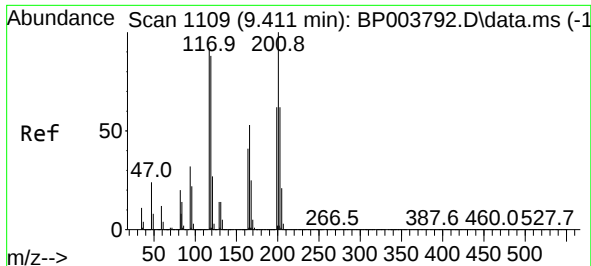
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#14  
1,2-Dichlorobenzene  
Concen: 31.00 ng  
RT: 8.663 min Scan# 982  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

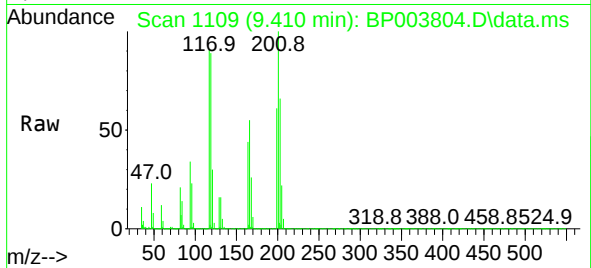
Tgt Ion:146 Resp: 337674  
Ion Ratio Lower Upper  
146 100  
148 63.1 51.6 77.4  
111 44.1 31.0 46.6





#18  
Hexachloroethane  
Concen: 18.81 ng  
RT: 9.410 min Scan# 1109  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

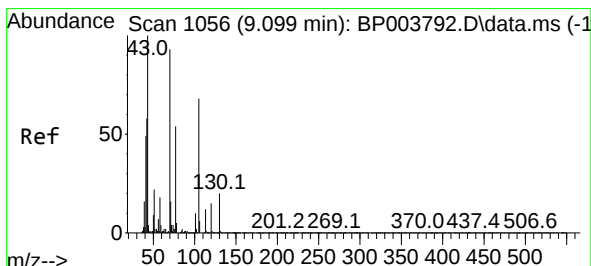
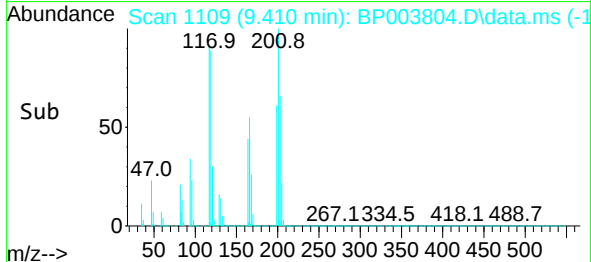
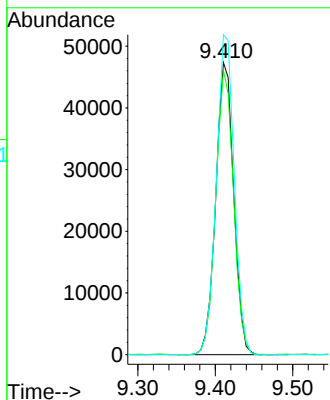
Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL



Tgt Ion:117 Resp: 76216  
Ion Ratio Lower Upper  
117 100  
119 97.5 78.8 118.2  
201 109.6 92.3 138.5

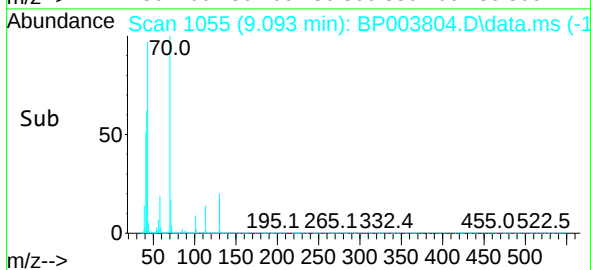
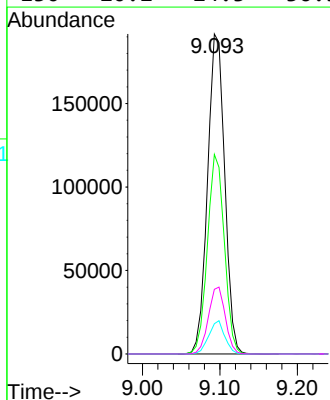
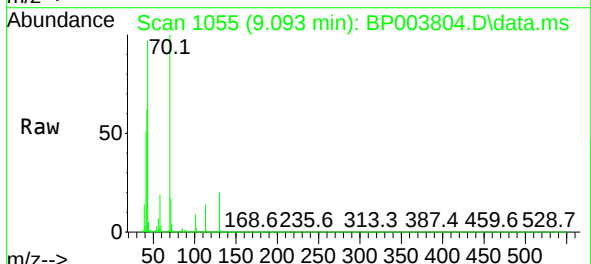
Manual Integrations  
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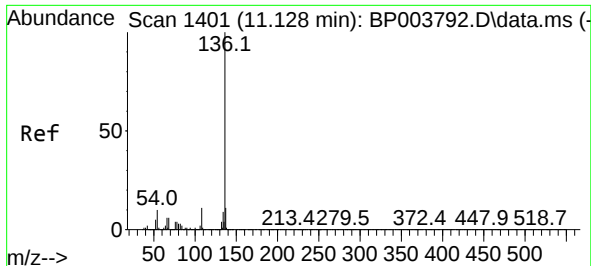
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11/6/2020 10:31:07 AM



#19  
n-Nitroso-di-n-propylamine  
Concen: 39.47 ng  
RT: 9.093 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion: 70 Resp: 294341  
Ion Ratio Lower Upper  
70 100  
42 62.4 32.8 49.2#  
101 9.4 9.6 14.4#  
130 20.2 24.3 36.5#





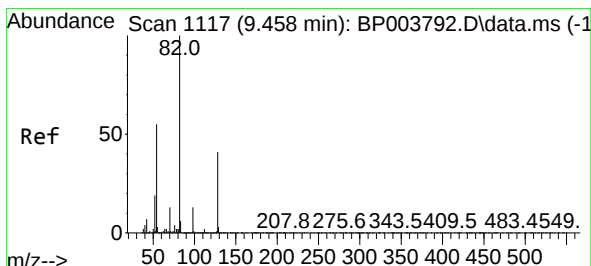
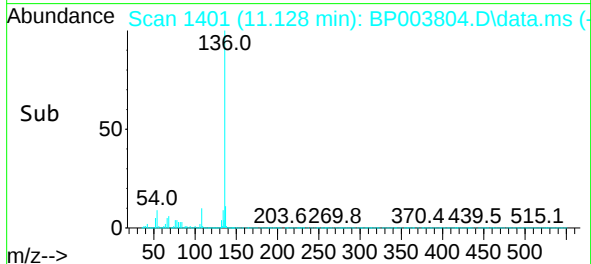
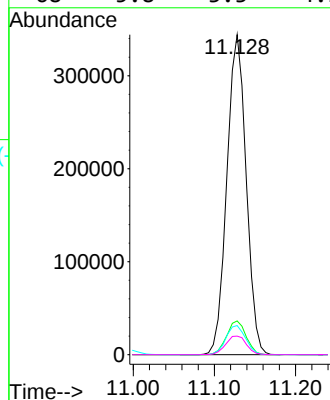
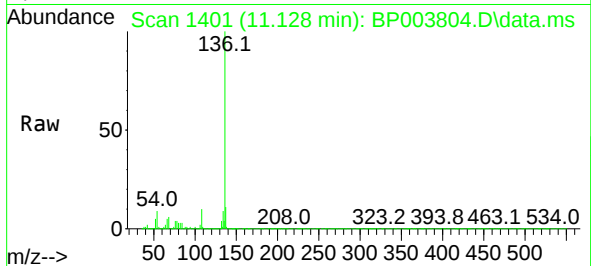
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Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.128 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 568251 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.5  | 8.6   | 13.0   |
| 54        | 9.1   | 3.6   | 5.4#   |
| 68        | 5.8   | 3.3   | 4.9#   |

Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL

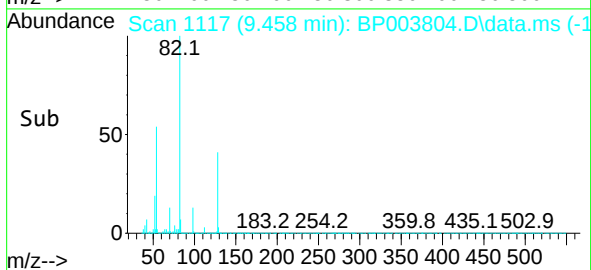
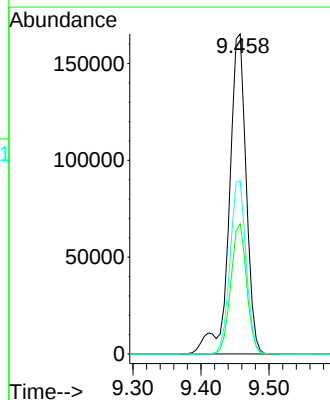
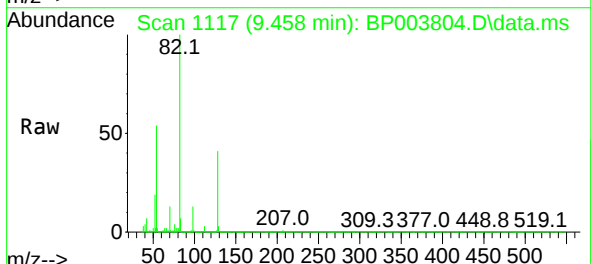
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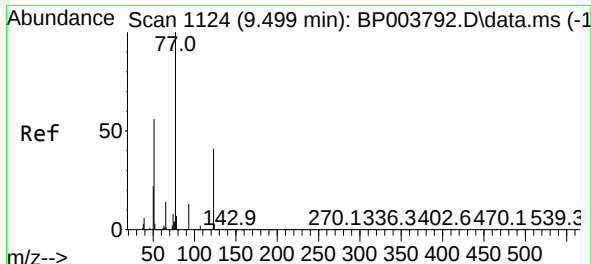
mohammad  
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#23  
Nitrobenzene-d5  
Concen: 24.60 ng m  
RT: 9.458 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

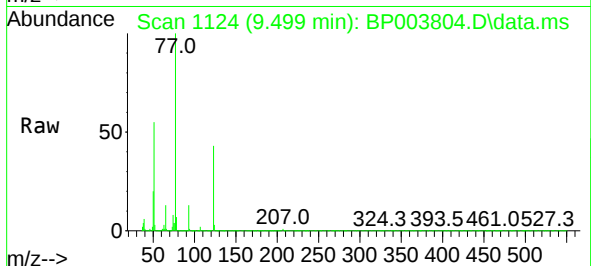
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 285438 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.6  | 45.6  | 68.4#  |
| 54        | 54.2  | 30.1  | 45.1#  |





#24  
Nitrobenzene  
Concen: 14.11 ng  
RT: 9.499 min Scan# 1124  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

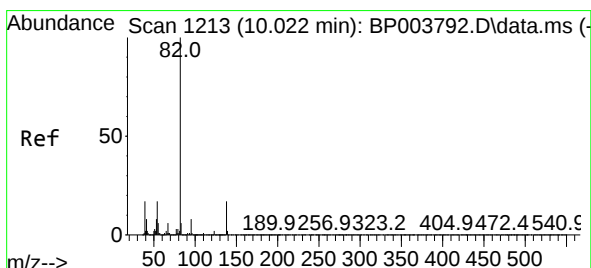
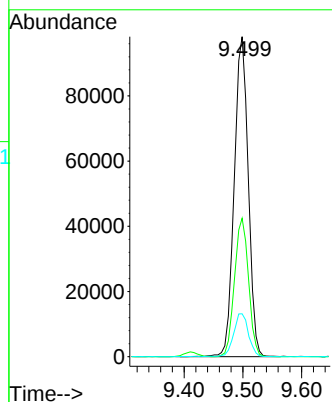
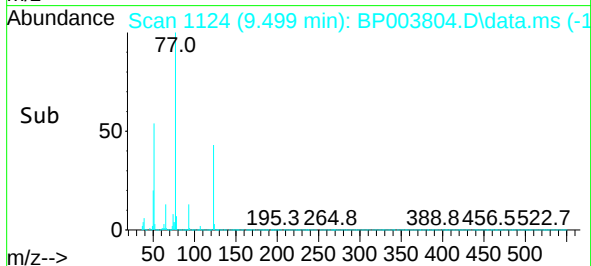
Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL



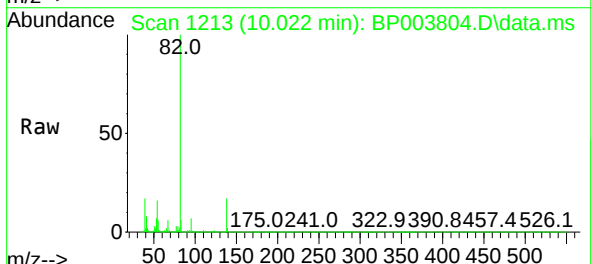
Tgt Ion: 77 Resp: 162679  
Ion Ratio Lower Upper  
77 100  
123 43.2 48.6 72.8#  
65 13.4 10.0 15.0

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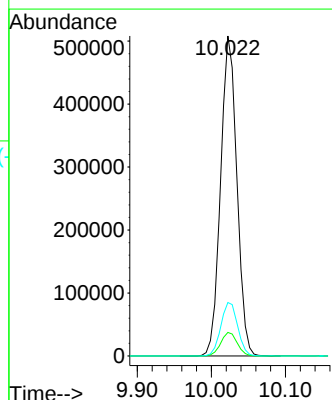
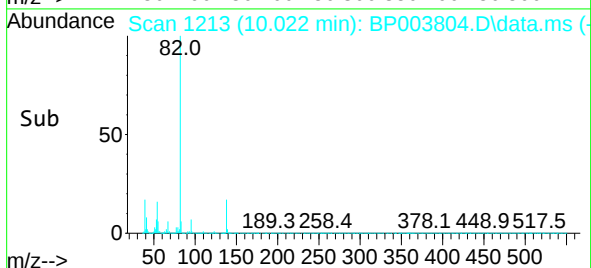
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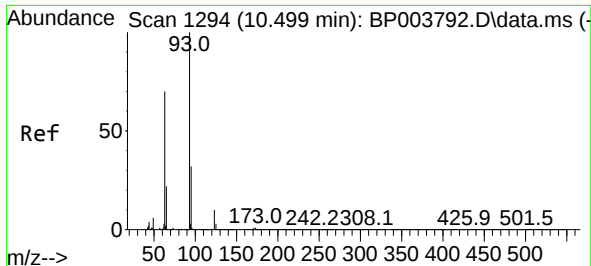


#25  
Isophorone  
Concen: 39.32 ng  
RT: 10.022 min Scan# 1213  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19



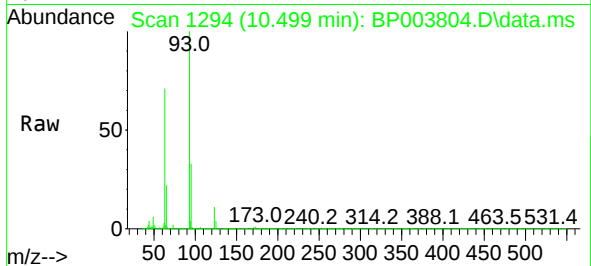
Tgt Ion: 82 Resp: 774873  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.4 9.6  
138 16.7 18.7 28.1#





#28  
bis(2-Chloroethoxy)methane  
Concen: 29.13 ng  
RT: 10.499 min Scan# 1294  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

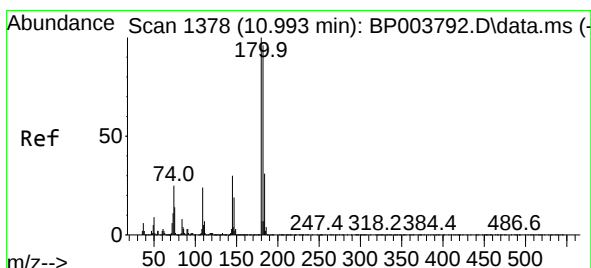
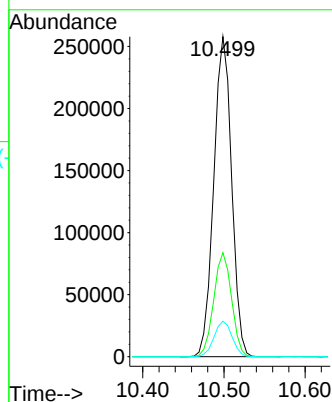
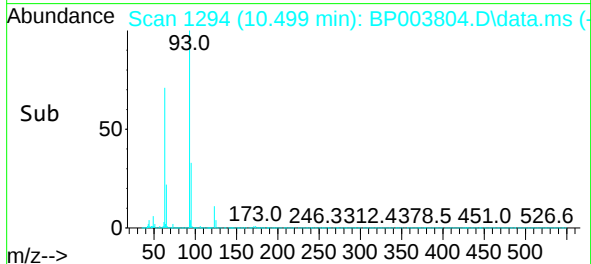
Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL



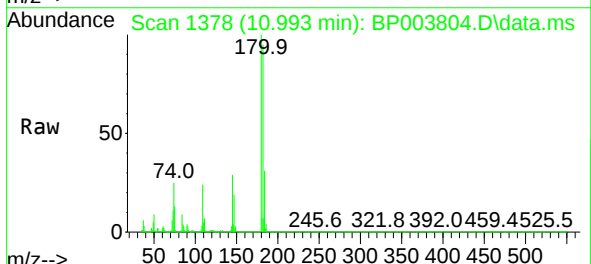
Tgt Ion: 93 Resp: 393912  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.7 40.1  
123 11.1 10.5 15.7

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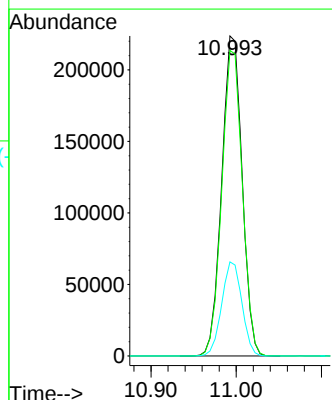
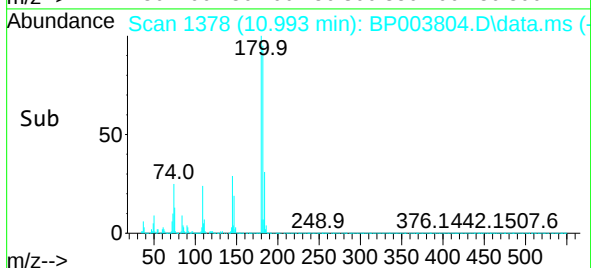
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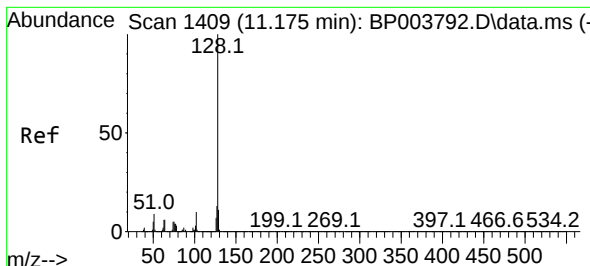


#30  
1,2,4-Trichlorobenzene  
Concen: 33.76 ng  
RT: 10.993 min Scan# 1378  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19



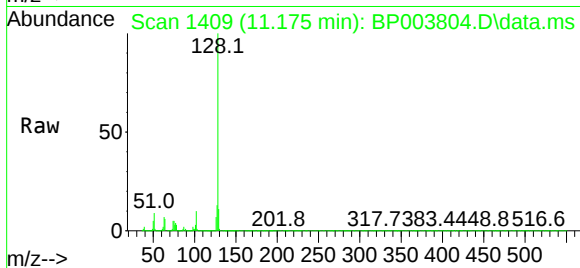
Tgt Ion: 180 Resp: 372192  
Ion Ratio Lower Upper  
180 100  
182 95.5 76.2 114.2  
145 29.4 23.8 35.8





#31  
Naphthalene  
Concen: 22.52 ng  
RT: 11.175 min Scan# 1409  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

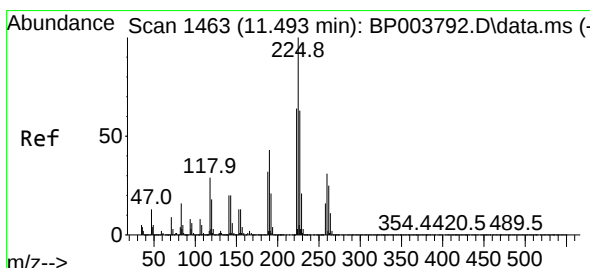
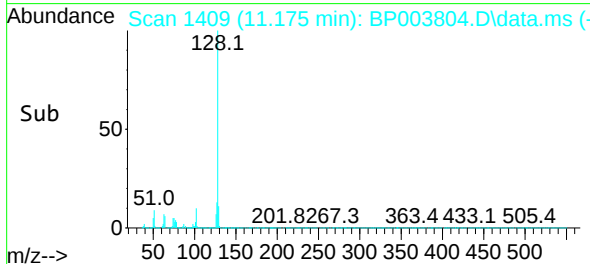
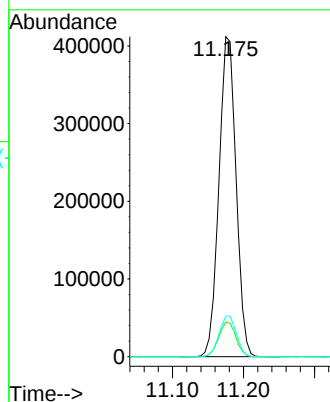
Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL



Tgt Ion:128 Resp: 686845  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.8 13.2  
127 12.7 10.6 15.8

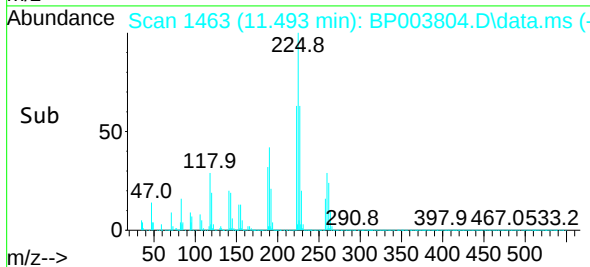
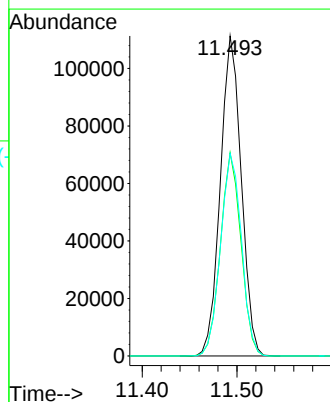
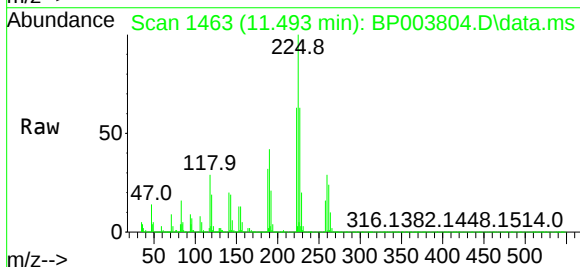
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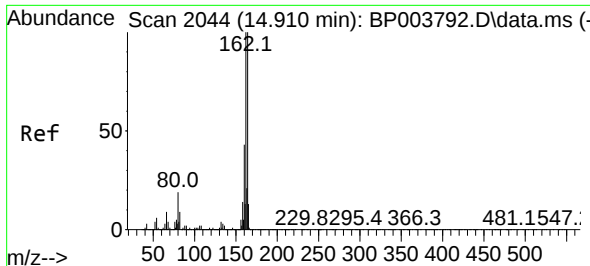
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#34  
Hexachlorobutadiene  
Concen: 23.79 ng  
RT: 11.493 min Scan# 1463  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

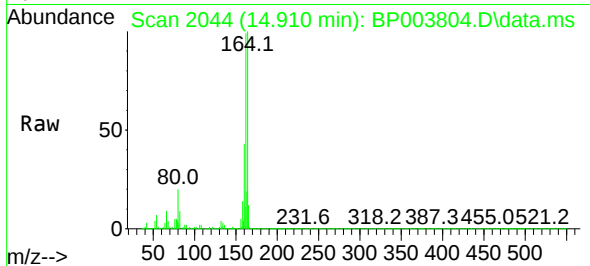
Tgt Ion:225 Resp: 171048  
Ion Ratio Lower Upper  
225 100  
223 63.5 50.1 75.1  
227 63.2 51.4 77.2





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.910 min Scan# 2044  
Delta R.T. 0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

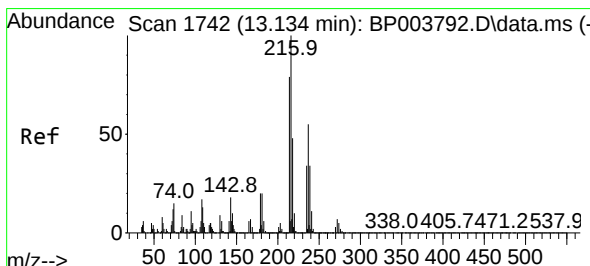
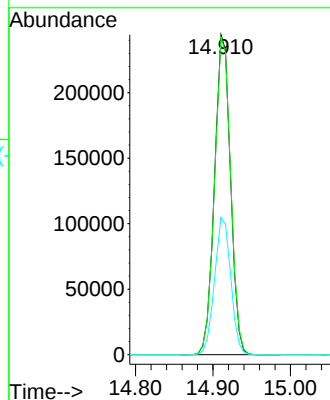
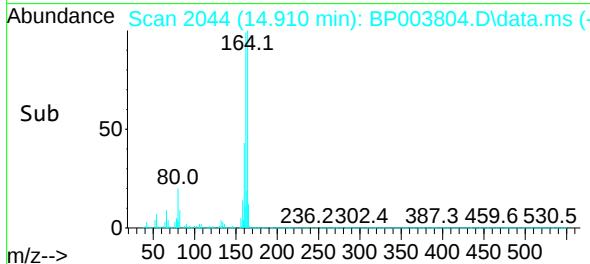
Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL



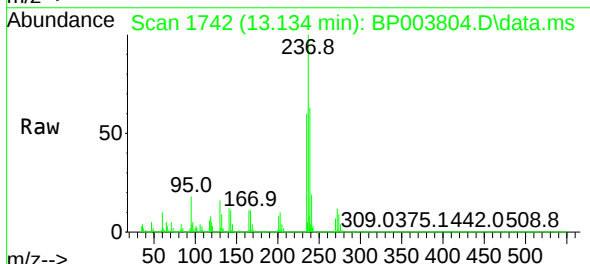
Tgt Ion:164 Resp: 349613  
Ion Ratio Lower Upper  
164 100  
162 99.2 79.4 119.2  
160 43.0 36.1 54.1

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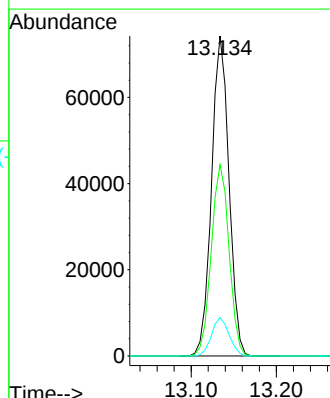
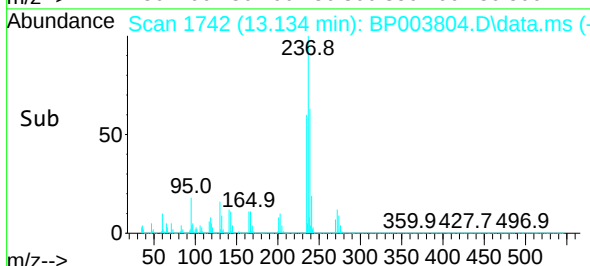
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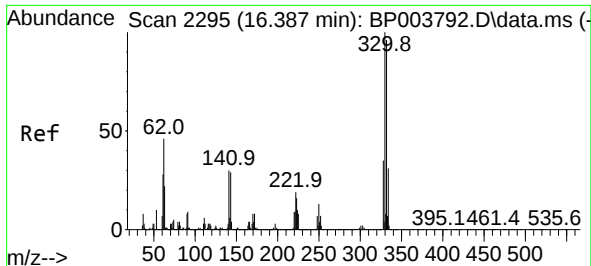


#41  
Hexachlorocyclopentadiene  
Concen: 18.04 ng  
RT: 13.134 min Scan# 1742  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

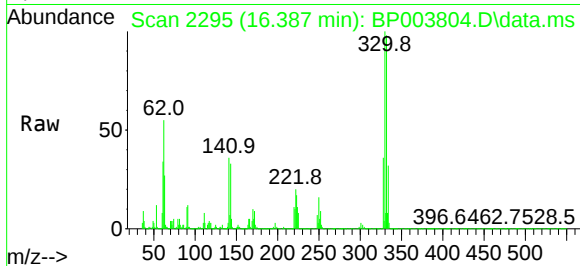


Tgt Ion:237 Resp: 105311  
Ion Ratio Lower Upper  
237 100  
235 59.7 43.2 83.2  
272 12.0 0.0 33.3

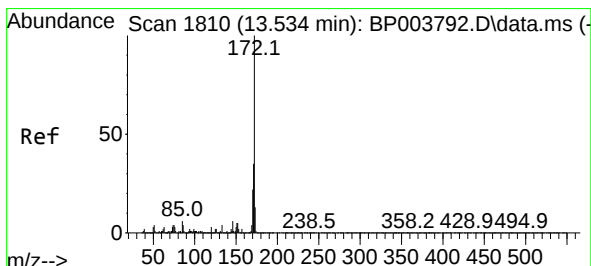
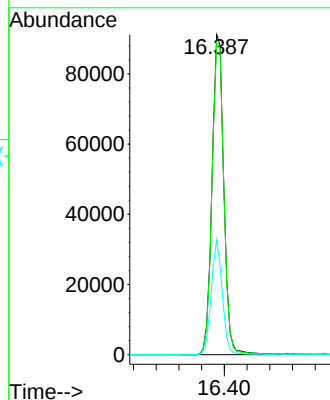
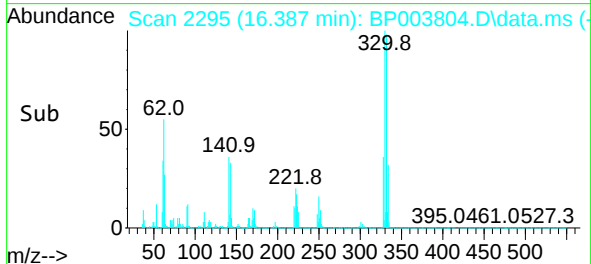




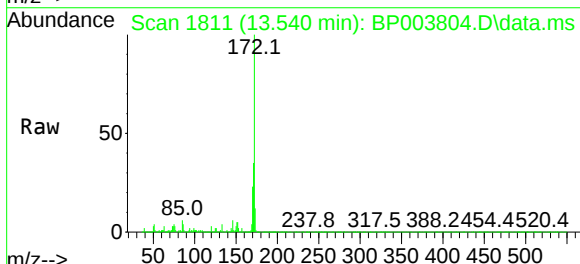
#42  
2,4,6-Tribromophenol  
Concen: 29.87 ng  
RT: 16.387 min Scan# 2295  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19



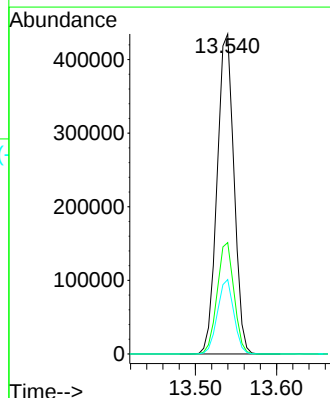
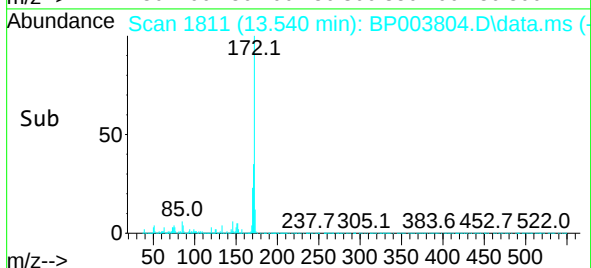
Tgt Ion: 330 Resp: 130600  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.1 115.7  
141 33.7 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 25.14 ng  
RT: 13.540 min Scan# 1811  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19



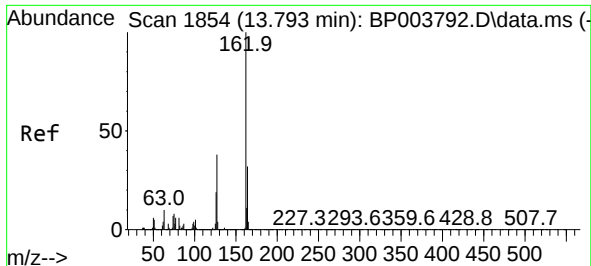
Tgt Ion: 172 Resp: 628599  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.5 42.7  
170 23.3 19.2 28.8



Instrument :  
BNA\_P  
ClientSampleId :  
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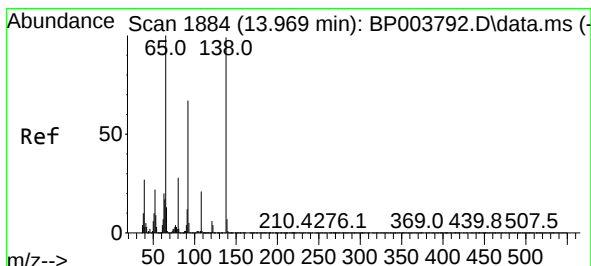
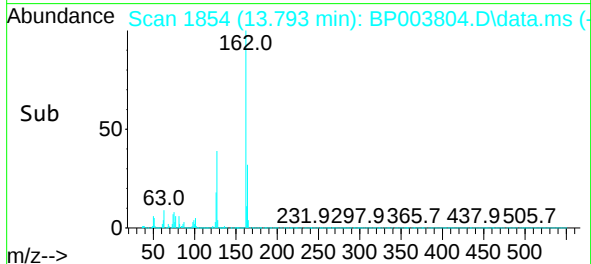
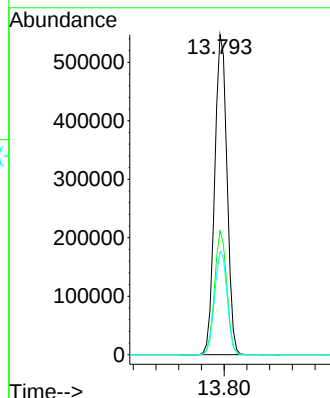
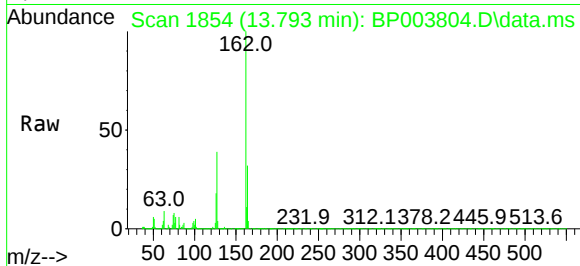
#47  
2-Chloronaphthalene  
Concen: 36.78 ng  
RT: 13.793 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion: 162 Resp: 818894  
Ion Ratio Lower Upper  
162 100  
127 38.7 29.9 44.9  
164 32.3 26.1 39.1

Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL

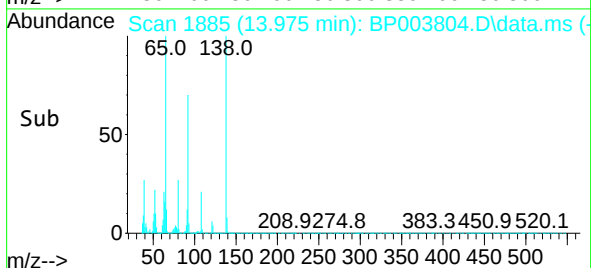
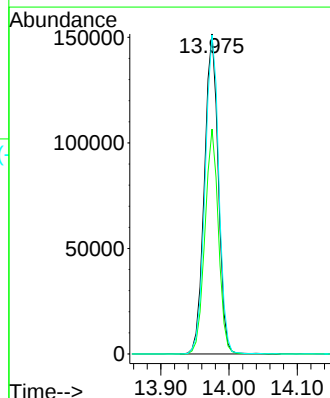
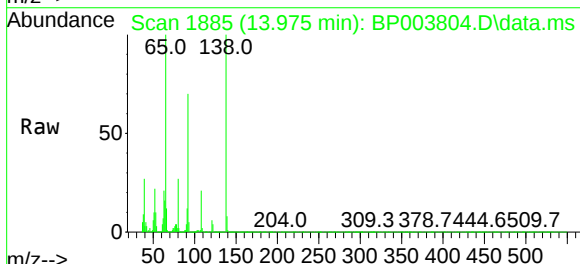
Manual Integrations  
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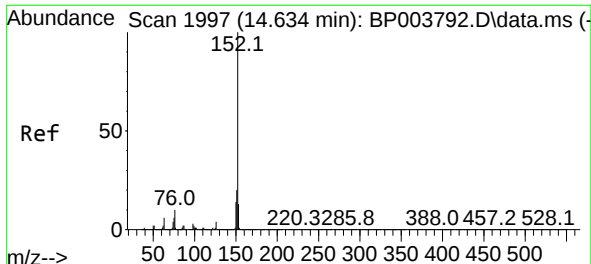
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#48  
2-Nitroaniline  
Concen: 32.34 ng  
RT: 13.975 min Scan# 1885  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion: 65 Resp: 214852  
Ion Ratio Lower Upper  
65 100  
92 70.3 70.6 106.0#  
138 99.7 133.6 200.4#





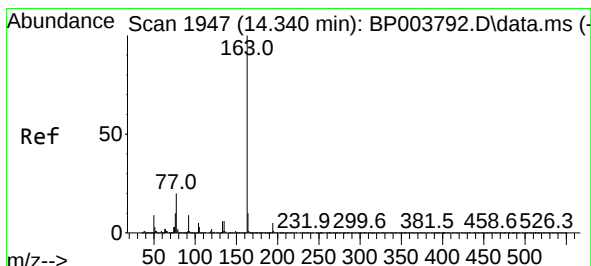
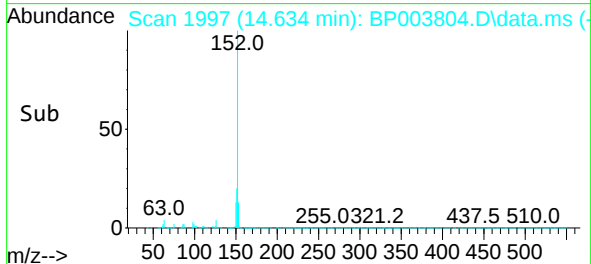
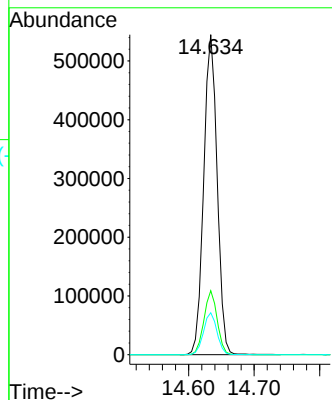
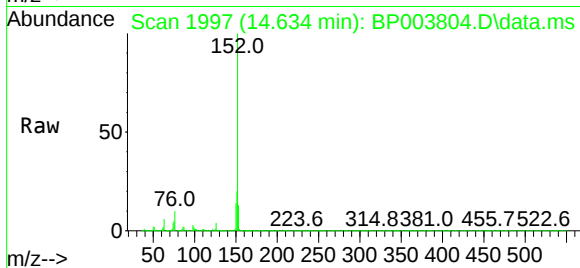
#49  
Acenaphthylene  
Concen: 23.80 ng  
RT: 14.634 min Scan# 1997  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion:152 Resp: 778333  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.9 23.9  
153 13.1 10.5 15.7

Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL

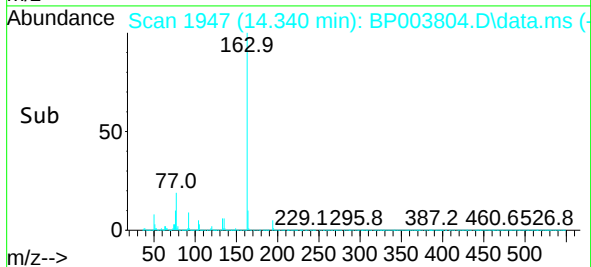
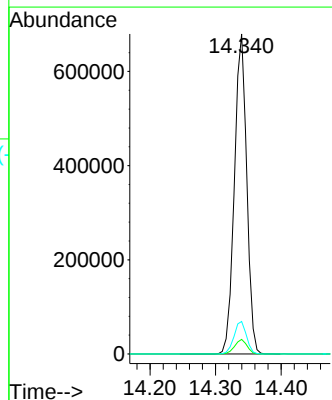
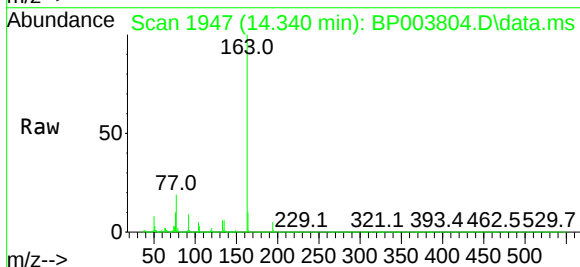
Manual Integrations  
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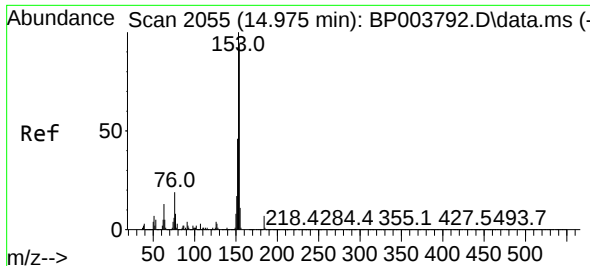
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#50  
Dimethylphthalate  
Concen: 32.46 ng  
RT: 14.340 min Scan# 1947  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

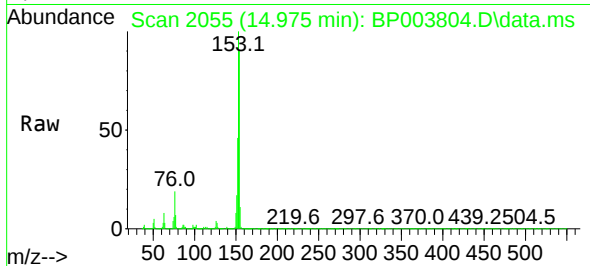
Tgt Ion:163 Resp: 887153  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.3 4.9  
164 10.2 8.2 12.2





#52  
Acenaphthene  
Concen: 34.45 ng  
RT: 14.975 min Scan# 2055  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

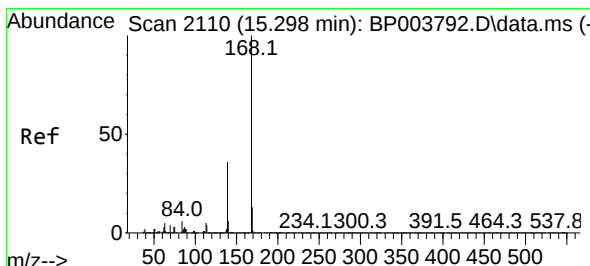
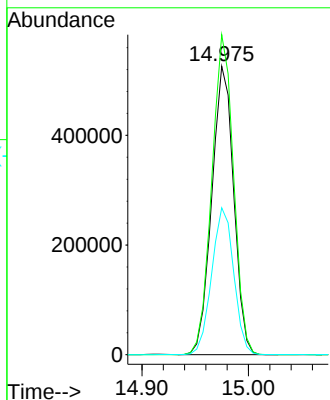
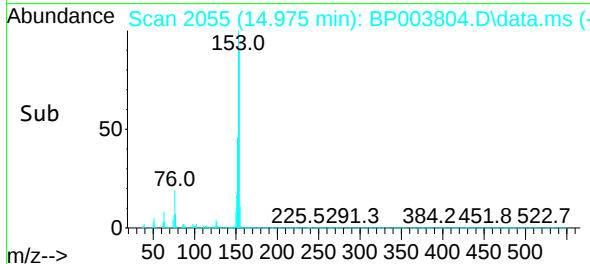
Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL



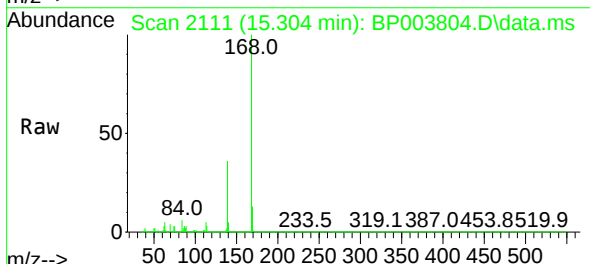
Tgt Ion:154 Resp: 750356  
Ion Ratio Lower Upper  
154 100  
153 110.9 91.0 136.6  
152 50.9 43.0 64.6

Manual Integrations  
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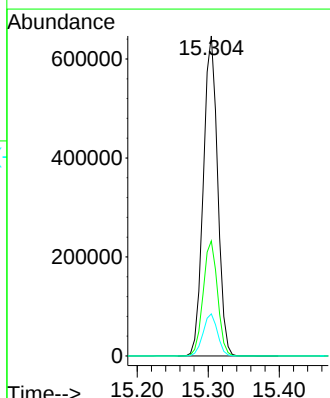
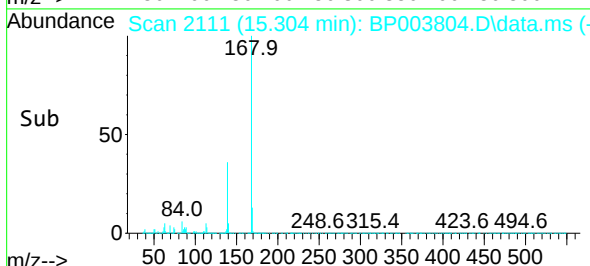
mohammad  
11/6/2020 10:31:07 AM

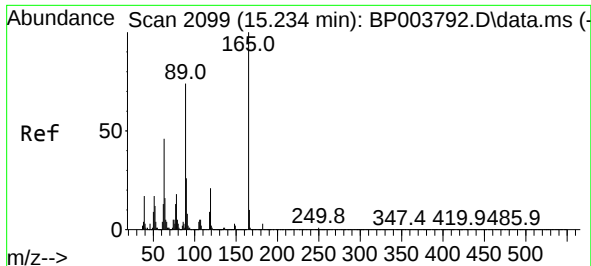


#55  
Dibenzofuran  
Concen: 27.94 ng  
RT: 15.304 min Scan# 2111  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19



Tgt Ion:168 Resp: 904294  
Ion Ratio Lower Upper  
168 100  
139 36.0 29.1 43.7  
169 13.2 10.4 15.6





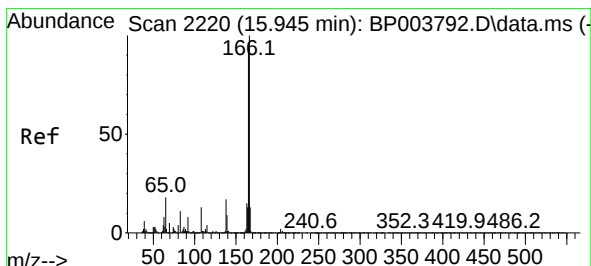
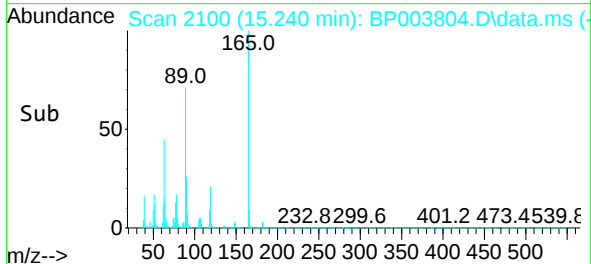
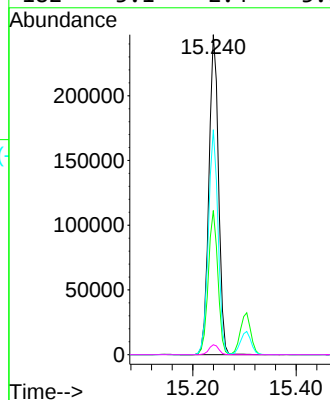
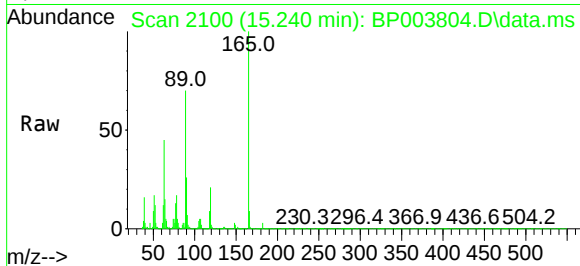
#57  
2,4-Dinitrotoluene  
Concen: 42.33 ng  
RT: 15.240 min Scan# 2100  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion:165 Resp: 318681  
Ion Ratio Lower Upper  
165 100  
63 45.1 20.6 31.0#  
89 70.3 42.6 63.8#  
182 3.1 2.4 3.6

Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL

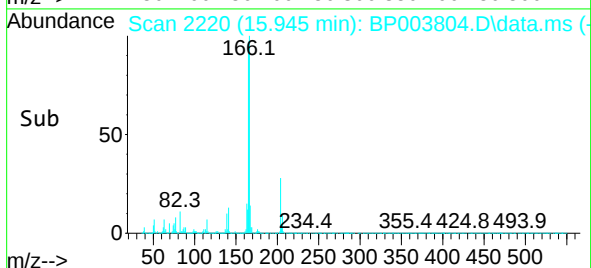
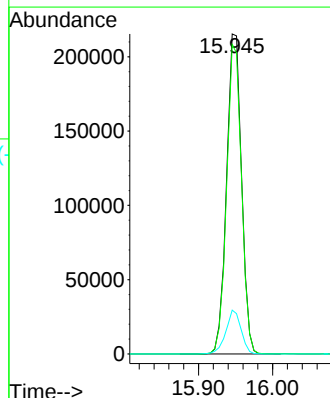
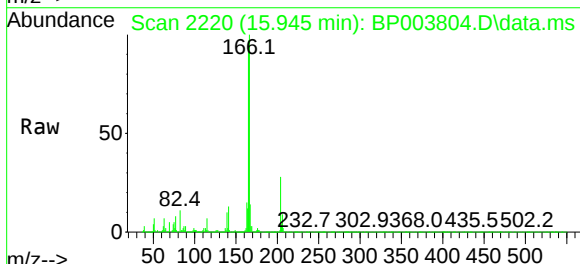
Manual Integrations  
APPROVED

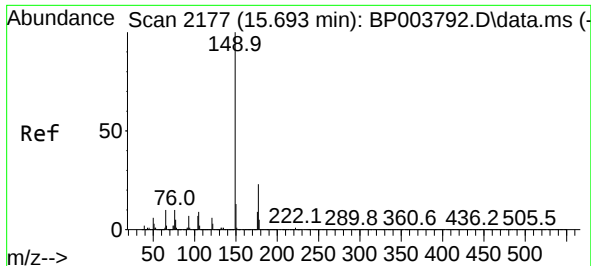
mohammad  
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#58  
Fluorene  
Concen: 11.65 ng  
RT: 15.945 min Scan# 2220  
Delta R.T. -0.000 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion:166 Resp: 301861  
Ion Ratio Lower Upper  
166 100  
165 96.6 77.8 116.8  
167 13.7 11.0 16.4





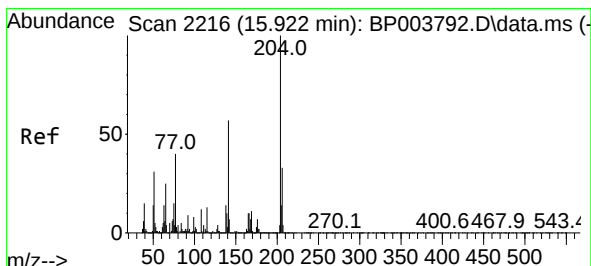
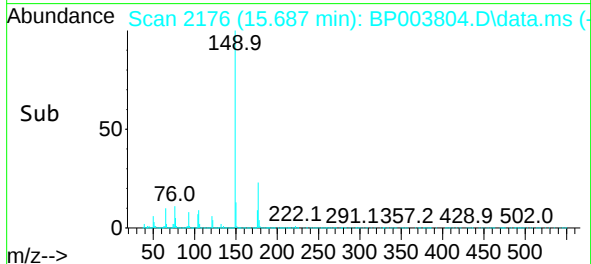
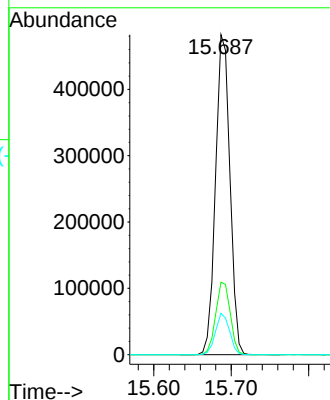
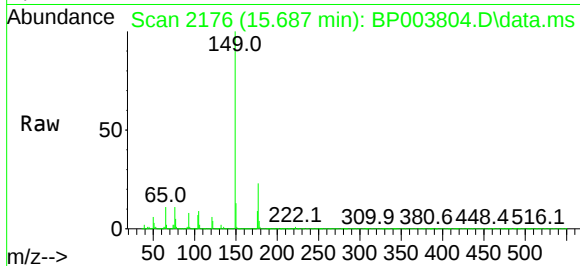
#60  
Diethylphthalate  
Concen: 23.26 ng  
RT: 15.687 min Scan# 2176  
Delta R.T. -0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion:149 Resp: 622263  
Ion Ratio Lower Upper  
149 100  
177 22.6 18.0 27.0  
150 12.9 10.0 15.0

Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL

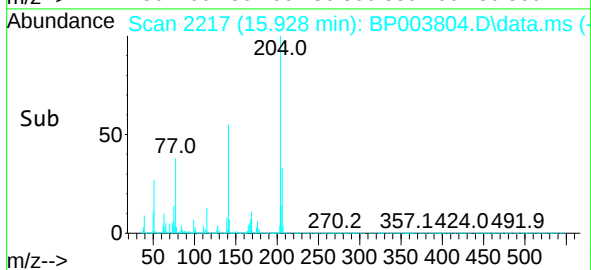
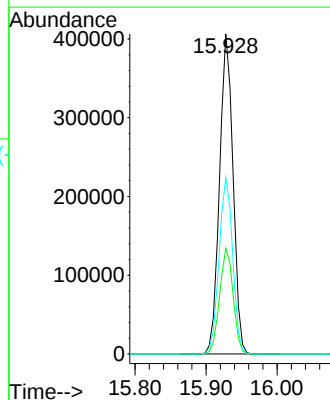
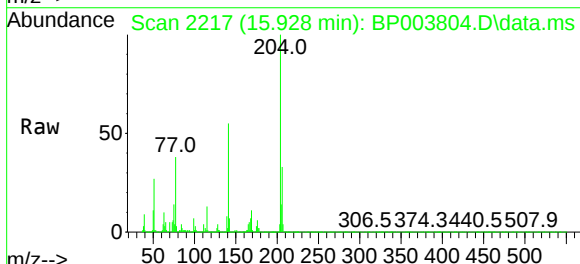
Manual Integrations  
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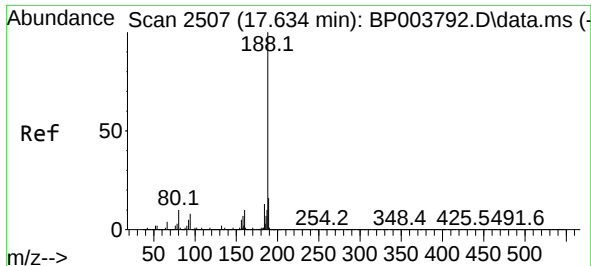
mohammad  
11/6/2020 10:31:07 AM



#61  
4-Chlorophenyl-phenylether  
Concen: 37.71 ng  
RT: 15.928 min Scan# 2217  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion:204 Resp: 534096  
Ion Ratio Lower Upper  
204 100  
206 33.0 25.9 38.9  
141 55.1 46.5 69.7





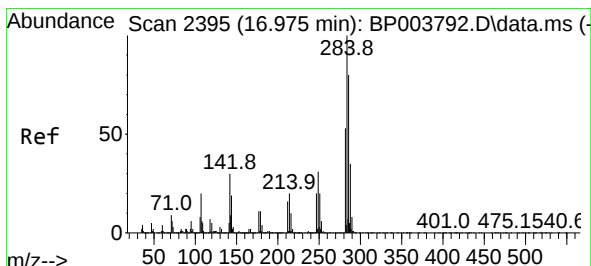
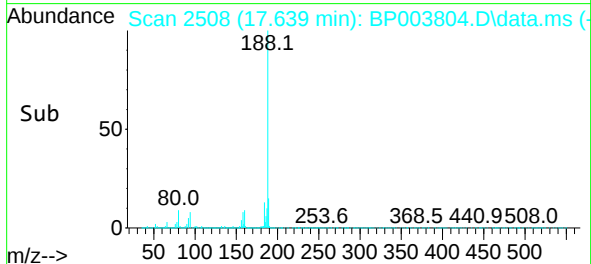
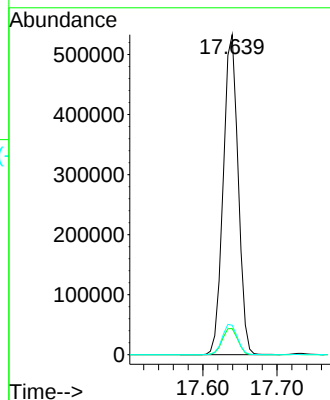
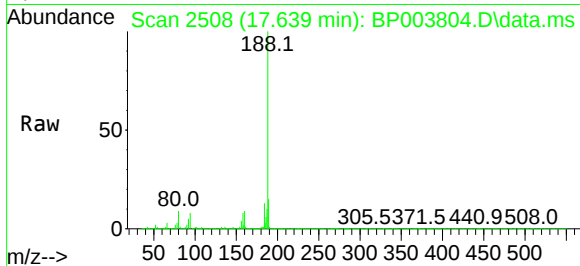
#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.639 min Scan# 2508  
Delta R.T. 0.005 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion:188 Resp: 745352  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.2 9.2  
80 9.2 6.2 9.2

Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL

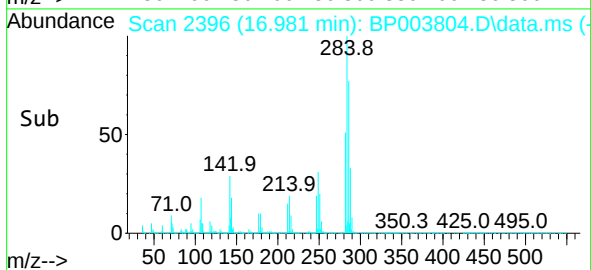
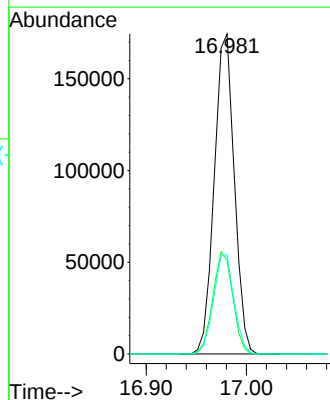
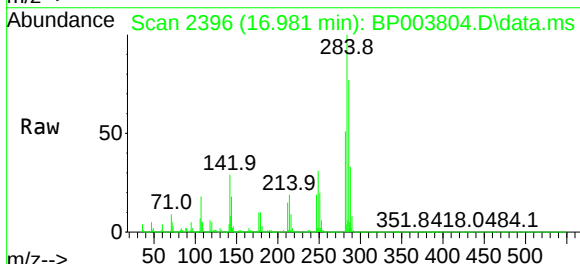
Manual Integrations  
APPROVED

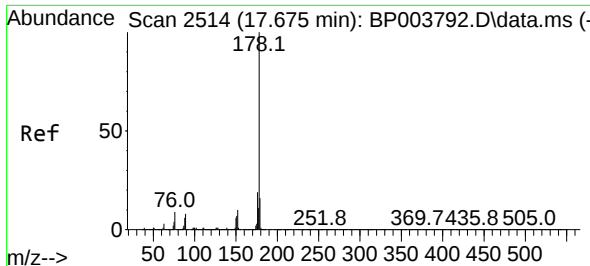
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11/6/2020 10:31:07 AM



#68  
Hexachlorobenzene  
Concen: 24.31 ng  
RT: 16.981 min Scan# 2396  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

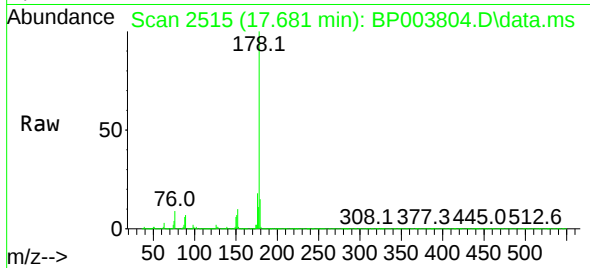
Tgt Ion:284 Resp: 241913  
Ion Ratio Lower Upper  
284 100  
142 29.3 24.2 36.4  
249 31.0 23.8 35.8





#71  
Phenanthrene  
Concen: 15.02 ng  
RT: 17.681 min Scan# 2515  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

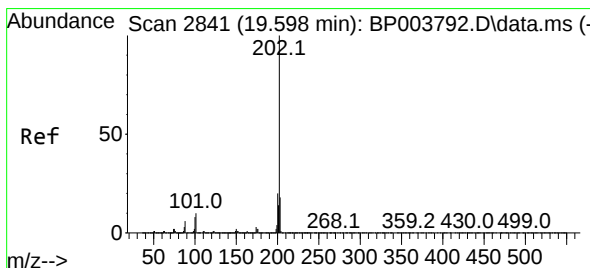
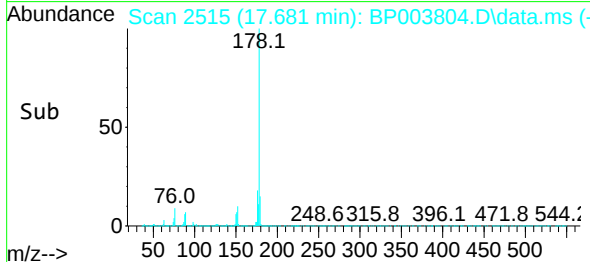
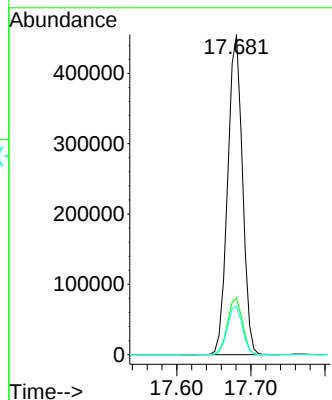
Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL



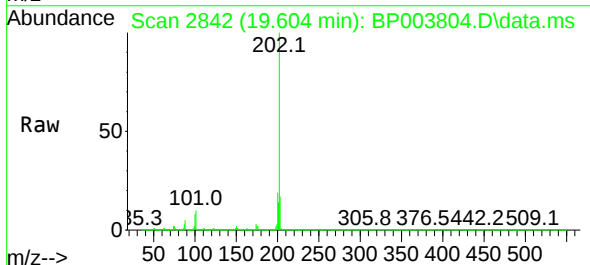
Tgt Ion:178 Resp: 628373  
Ion Ratio Lower Upper  
178 100  
176 17.7 15.3 22.9  
179 15.2 12.5 18.7

Manual Integrations  
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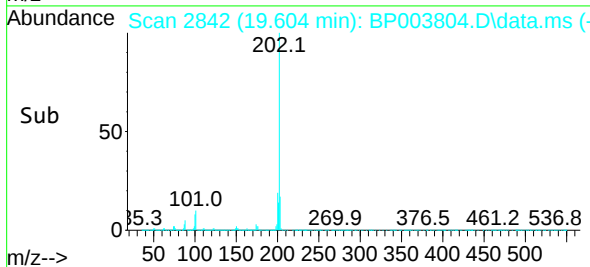
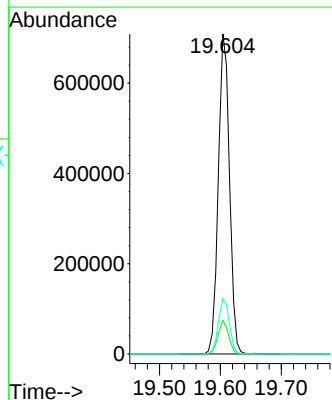
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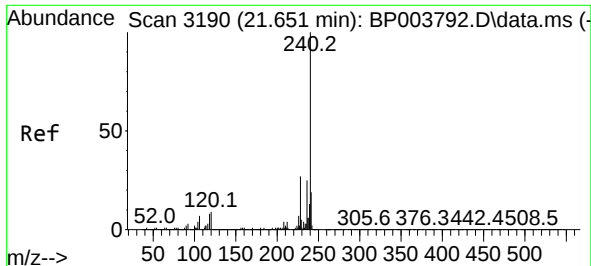


#75  
Fluoranthene  
Concen: 18.63 ng  
RT: 19.604 min Scan# 2842  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19



Tgt Ion:202 Resp: 899090  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 29.4  
203 17.3 0.0 37.8





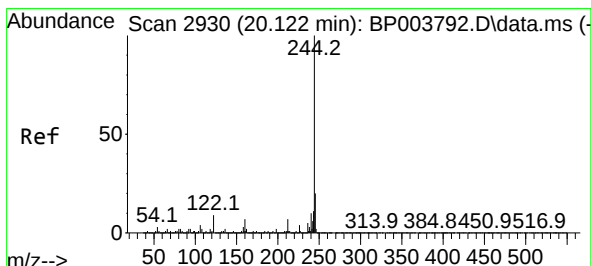
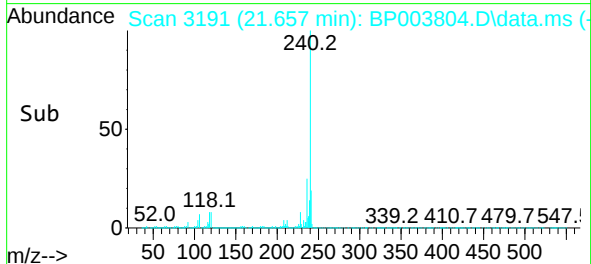
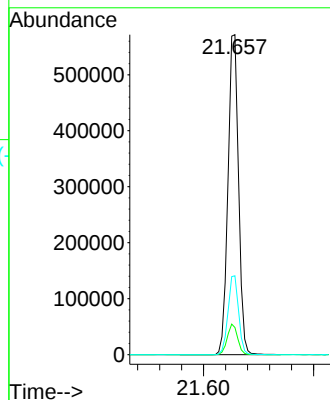
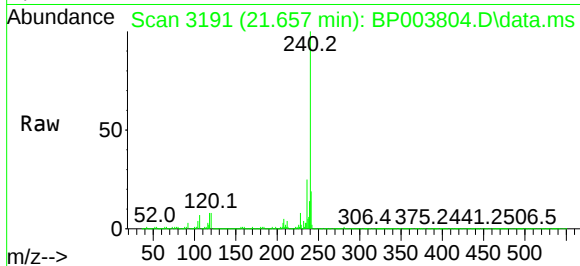
#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.657 min Scan# 3191  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion:240 Resp: 760906  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.8 11.6  
236 24.7 20.8 31.2

Instrument :  
BNA\_P  
ClientSampled :  
PT-BN-WPDL

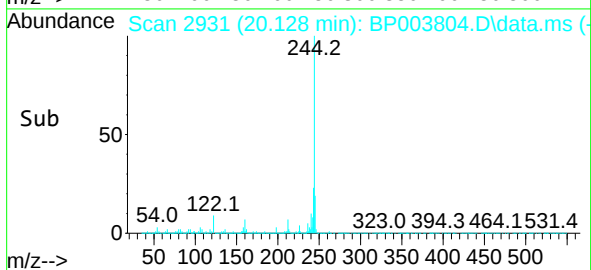
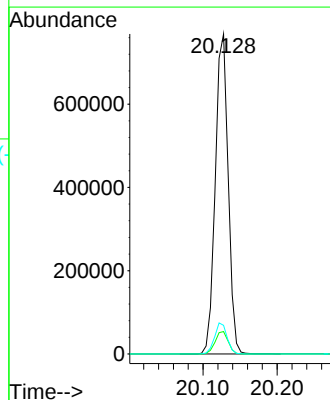
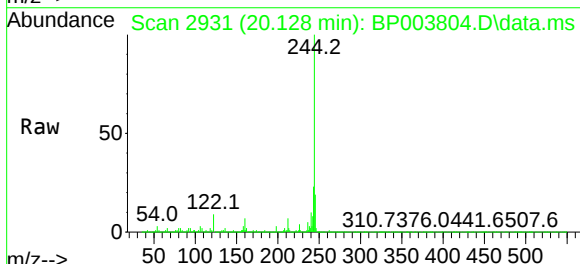
Manual Integrations  
APPROVED

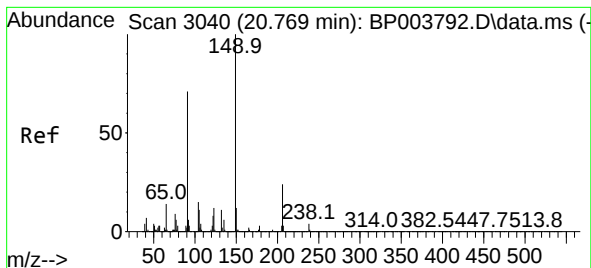
mohammad  
11/6/2020 10:31:07 AM



#79  
Terphenyl-d14  
Concen: 23.48 ng  
RT: 20.128 min Scan# 2931  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion:244 Resp: 924956  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.8 8.6  
122 8.9 7.8 11.8





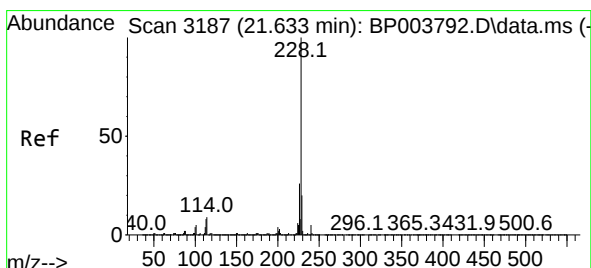
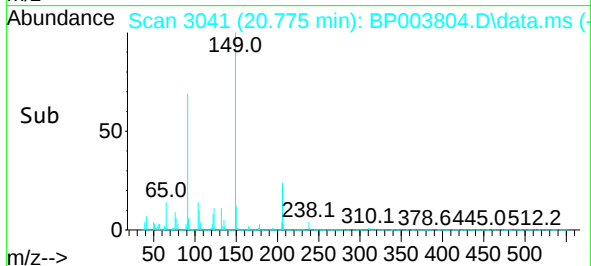
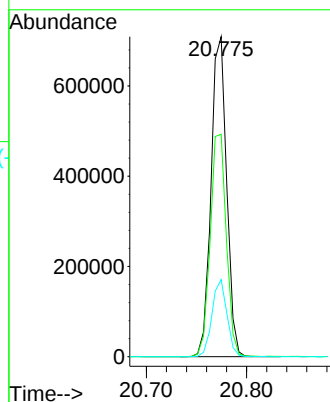
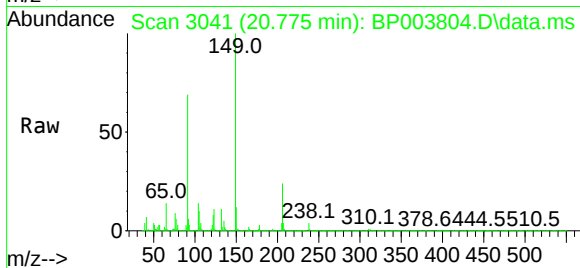
#80  
Butylbenzylphthalate  
Concen: 39.81 ng  
RT: 20.775 min Scan# 3041  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion:149 Resp: 766007  
Ion Ratio Lower Upper  
149 100  
91 69.5 45.4 68.0#  
206 24.1 17.1 25.7

Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL

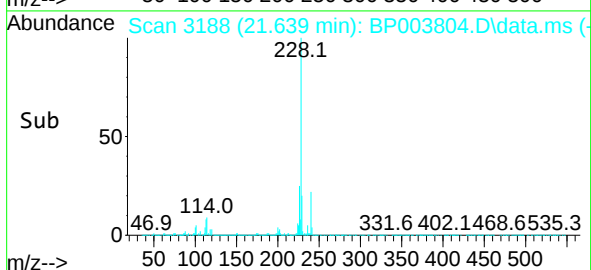
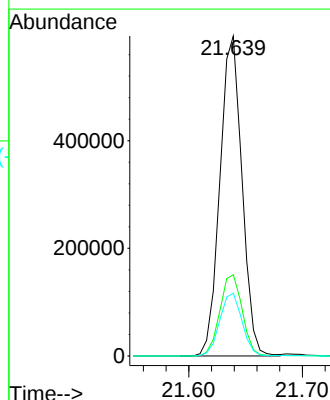
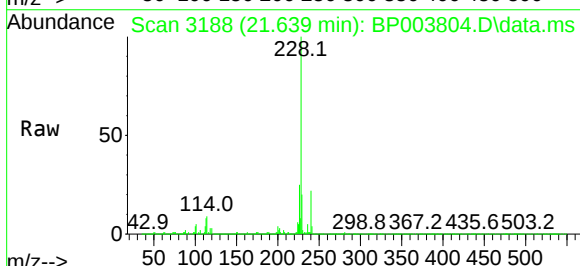
Manual Integrations  
APPROVED

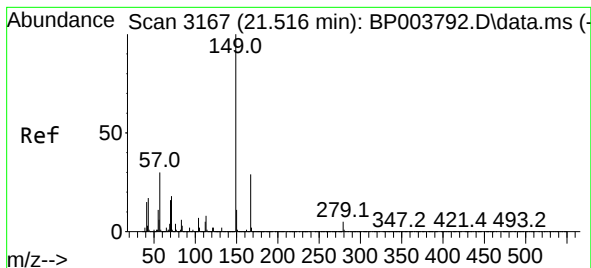
mohammad  
11/6/2020 10:31:07 AM



#81  
Benzo(a)anthracene  
Concen: 16.00 ng  
RT: 21.639 min Scan# 3188  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

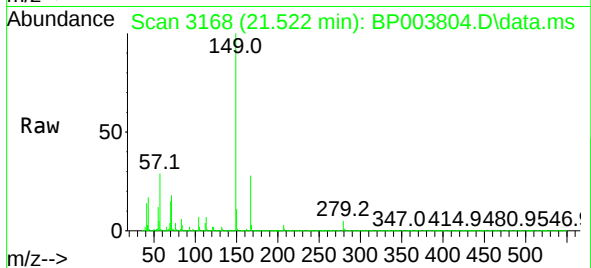
Tgt Ion:228 Resp: 802783  
Ion Ratio Lower Upper  
228 100  
226 25.4 22.1 33.1  
229 19.6 15.9 23.9





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 18.41 ng  
RT: 21.522 min Scan# 3168  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

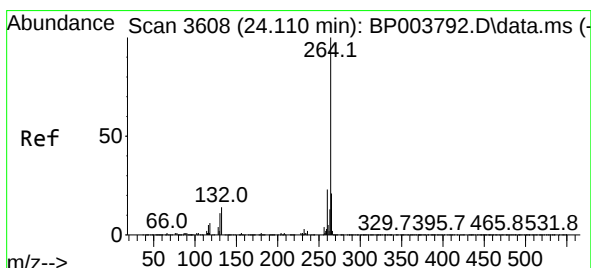
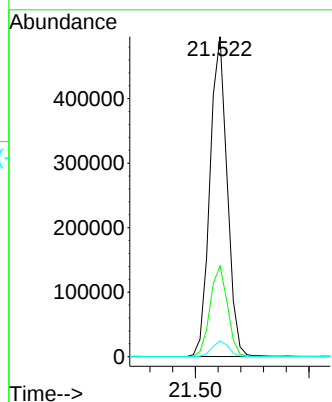
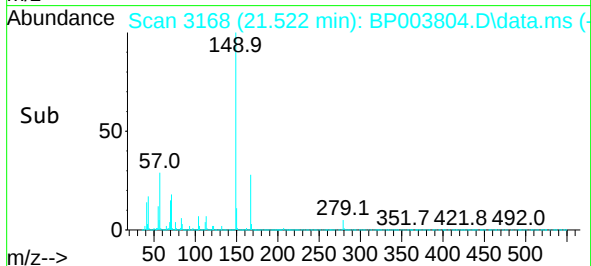
Instrument :  
BNA\_P  
ClientSampled :  
PT-BN-WPDL



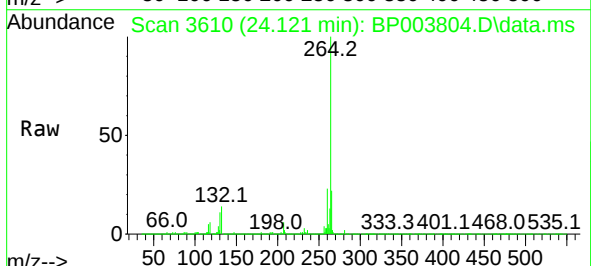
Tgt Ion:149 Resp: 522003  
Ion Ratio Lower Upper  
149 100  
167 28.3 22.6 34.0  
279 4.9 4.2 6.2

Manual Integrations  
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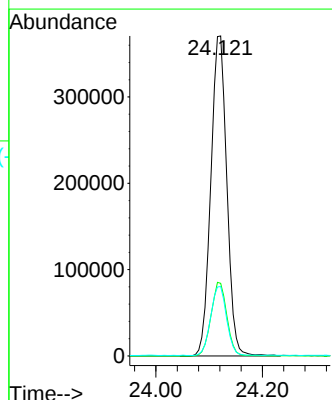
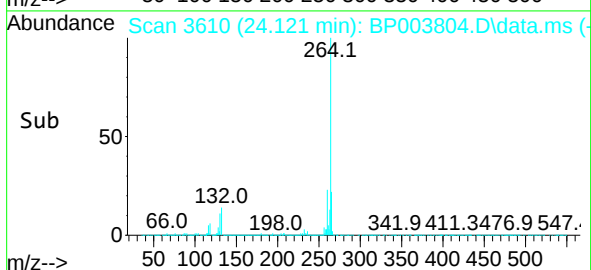
mohammad  
11/6/2020 10:31:07 AM

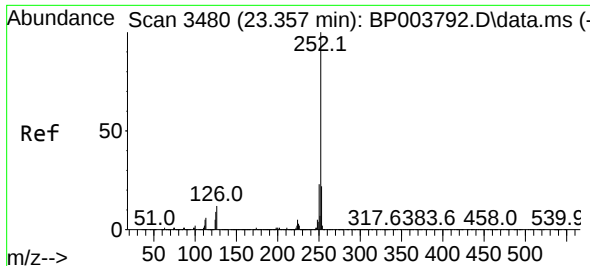


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.121 min Scan# 3610  
Delta R.T. 0.012 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19



Tgt Ion:264 Resp: 771875  
Ion Ratio Lower Upper  
264 100  
260 22.7 18.8 28.2  
265 21.7 17.4 26.2





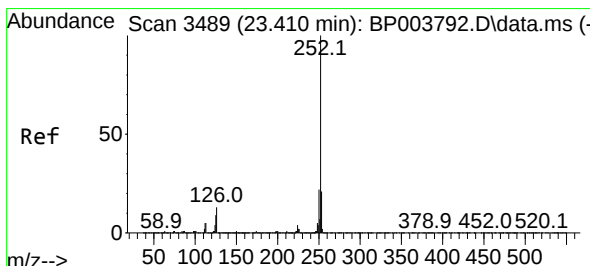
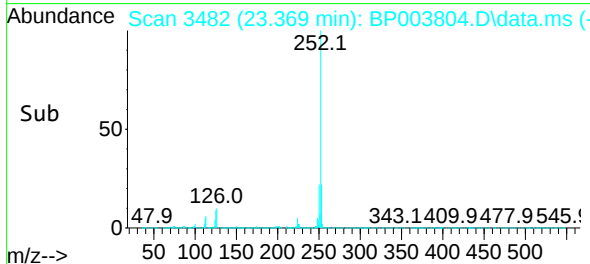
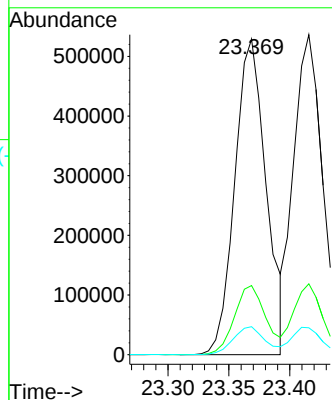
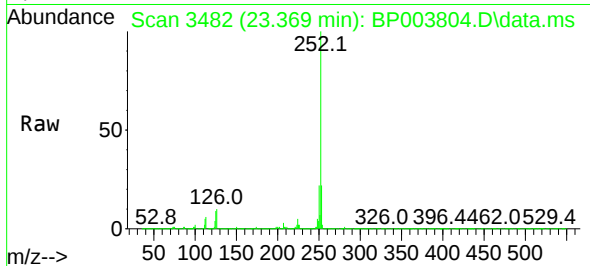
#88  
Benzo(b)fluoranthene  
Concen: 18.76 ng  
RT: 23.369 min Scan# 3482  
Delta R.T. 0.012 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

Tgt Ion:252 Resp: 947371  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 8.9 7.3 10.9

Instrument :  
BNA\_P  
ClientSampleId :  
PT-BN-WPDL

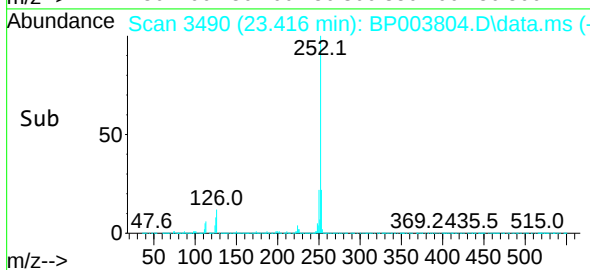
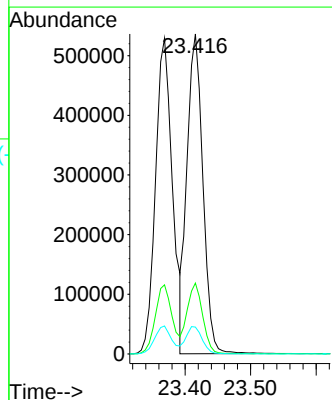
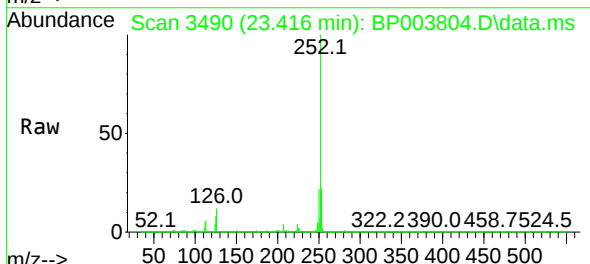
Manual Integrations  
APPROVED

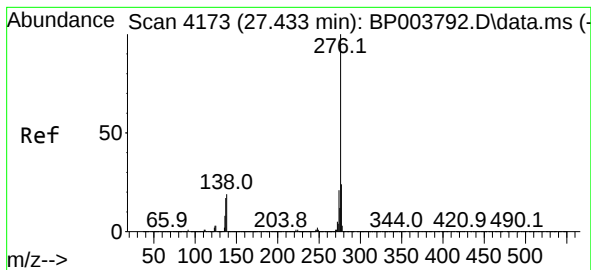
mohammad  
11/6/2020 10:31:07 AM



#89  
Benzo(k)fluoranthene  
Concen: 17.98 ng  
RT: 23.416 min Scan# 3490  
Delta R.T. 0.006 min  
Lab File: BP003804.D  
Acq: 04 Nov 2020 13:19

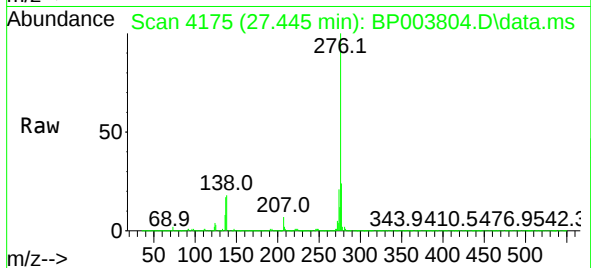
Tgt Ion:252 Resp: 896674  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.8  
125 8.4 7.4 11.2





#92  
 Benzo(g,h,i)perylene  
 Concen: 20.81 ng  
 RT: 27.445 min Scan# 4175  
 Delta R.T. 0.012 min  
 Lab File: BP003804.D  
 Acq: 04 Nov 2020 13:19

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PT-BN-WPDL



Tgt Ion: 276 Resp: 934712  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.9  | 19.0  | 28.6  |
| 138 | 17.8  | 16.6  | 24.8  |

Manual Integrations  
 APPROVED

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