

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP101620\  
 Data File : BP003638.D  
 Acq On : 16 Oct 2020 12:35  
 Operator : CG/JU  
 Sample : PB132396TB  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

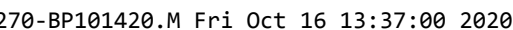
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB132396TB

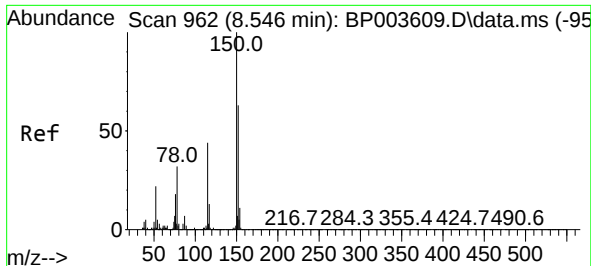
Quant Time: Oct 16 13:36:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP101420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 16 12:46:19 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.540  | 152  | 90020    | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.387 | 136  | 348880   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 15.134 | 164  | 262660   | 20.00     | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.851 | 188  | 649732   | 20.00     | ng    | -0.01    |
| 76) Chrysene-d12              | 21.857 | 240  | 735448   | 20.00     | ng    | #-0.02   |
| 86) Perylene-d12              | 24.427 | 264  | 722164   | 20.00     | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 6.034  | 112  | 738346   | 141.01    | ng    | 0.00     |
| 7) Phenol-d6                  | 7.681  | 99   | 1000575  | 131.18    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.705  | 82   | 716483   | 95.22     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.610 | 330  | 582195   | 166.25    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.769 | 172  | 1762161  | 88.02     | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.316 | 244  | 3511811  | 86.39     | ng    | -0.02    |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.605  | 77   | 83       | Below Cal | #     | 18       |
| 32) Benzoic acid              | 10.640 | 122  | 30       | 6.43      | ng    | # 1      |
| 48) 2-Nitroaniline            | 14.198 | 65   | 48       | 4.19      | ng    | # 1      |
| 54) 2,4-Dinitrophenol         | 15.193 | 184  | 9        | 2.11      | ng    | # 19     |
| 57) 2,4-Dinitrotoluene        | 15.651 | 165  | 545      | 3.65      | ng    | # 60     |
| 65) 4,6-Dinitro-2-methylph... | 16.222 | 198  | 19       | 7.38      | ng    | # 24     |
| -----                         |        |      |          |           |       |          |

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

Quant Time: Oct 16 13:36:47 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP101420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 16 12:46:19 2020  
Response via : Initial Calibration

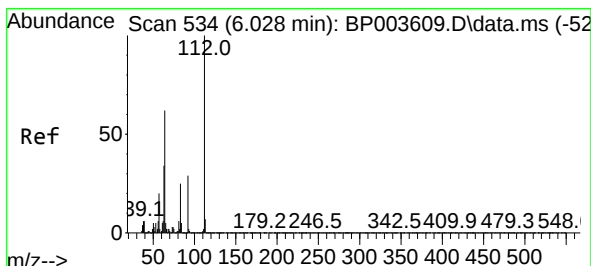
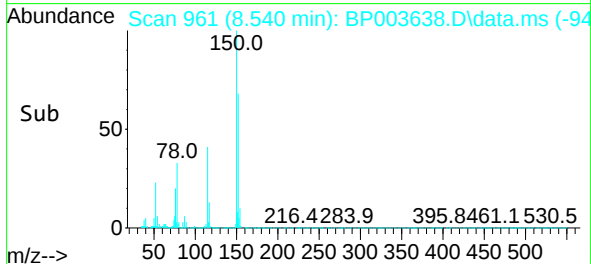
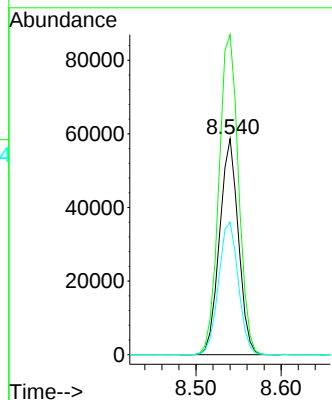
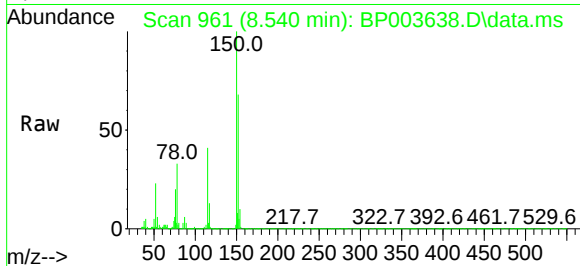




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.540 min Scan# 961  
Delta R.T. -0.006 min  
Lab File: BP003638.D  
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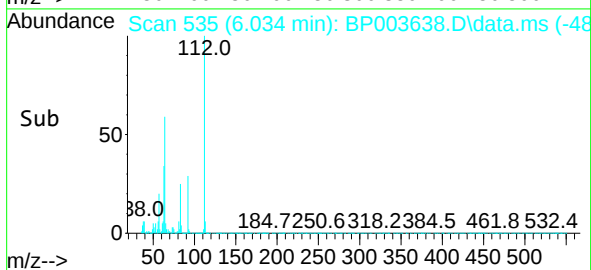
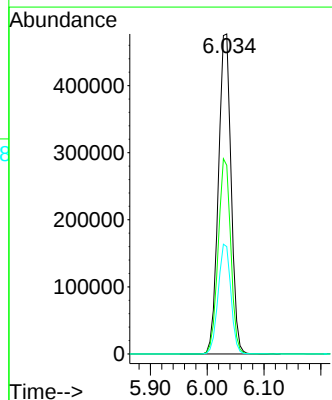
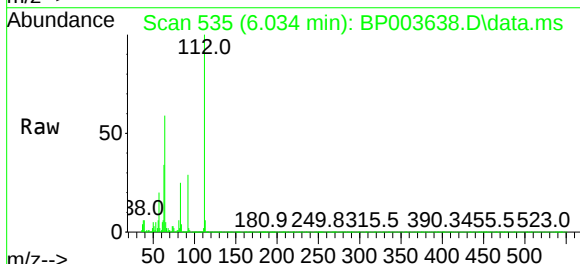
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BNA\_P  
ClientSampleId :  
PB132396TB

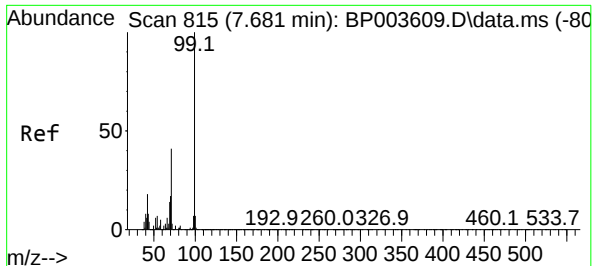
Tgt Ion:152 Resp: 90020  
Ion Ratio Lower Upper  
152 100  
150 148.1 123.8 185.6  
115 61.4 43.8 65.6



#5  
2-Fluorophenol  
Concen: 141.01 ng  
RT: 6.034 min Scan# 535  
Delta R.T. 0.006 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

Tgt Ion:112 Resp: 738346  
Ion Ratio Lower Upper  
112 100  
64 58.9 32.8 49.2#  
63 33.5 17.0 25.4#

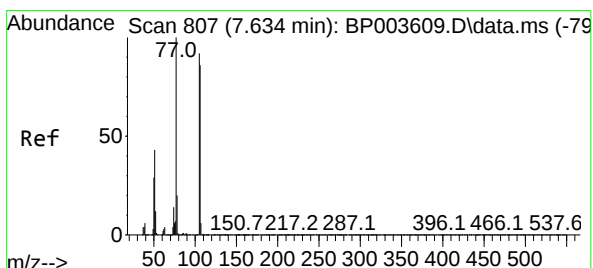
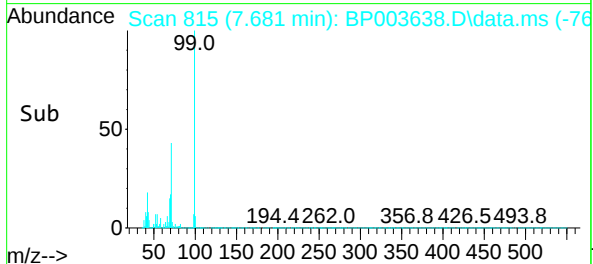
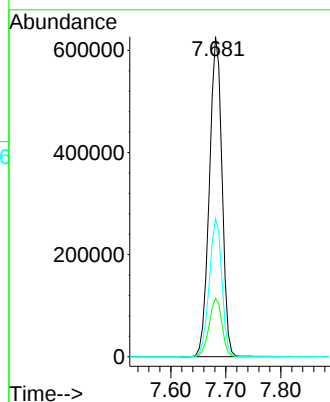
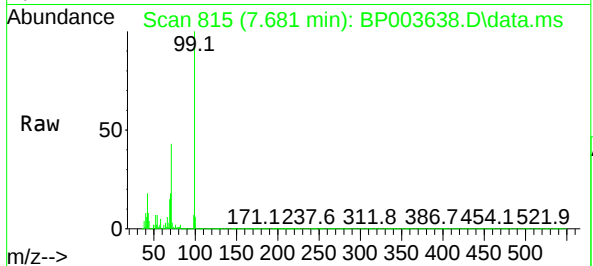




#7  
Phenol-d6  
Concen: 131.18 ng  
RT: 7.681 min Scan# 815  
Delta R.T. 0.000 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

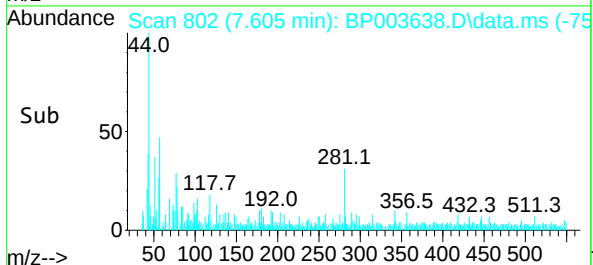
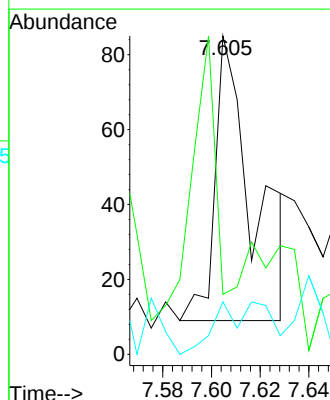
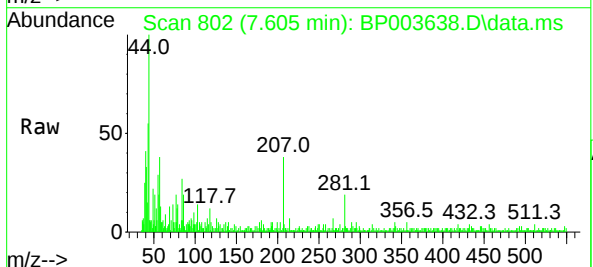
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BNA\_P  
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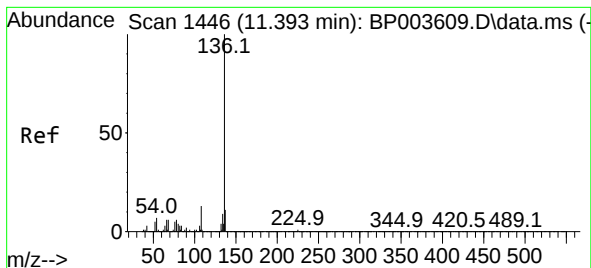
Tgt Ion: 99 Resp: 1000575  
Ion Ratio Lower Upper  
99 100  
42 18.2 8.6 13.0#  
71 43.1 23.4 35.2#



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.605 min Scan# 802  
Delta R.T. -0.029 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

Tgt Ion: 77 Resp: 83  
Ion Ratio Lower Upper  
77 100  
105 35.3 97.1 137.1#  
106 16.5 93.7 133.7#

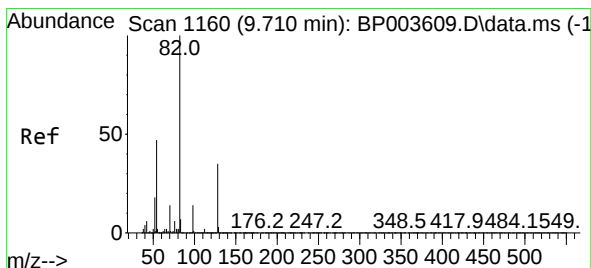
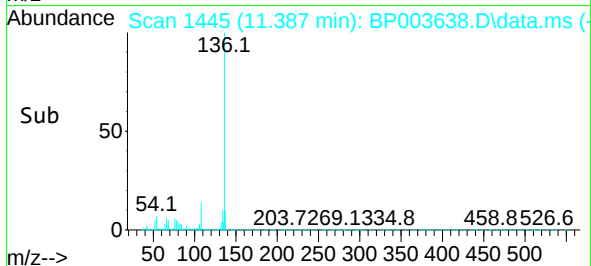
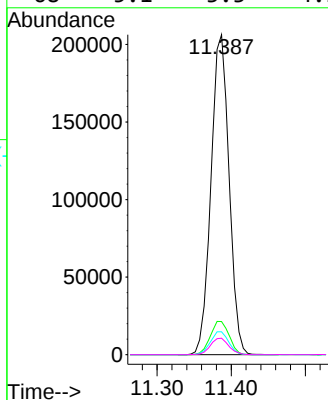
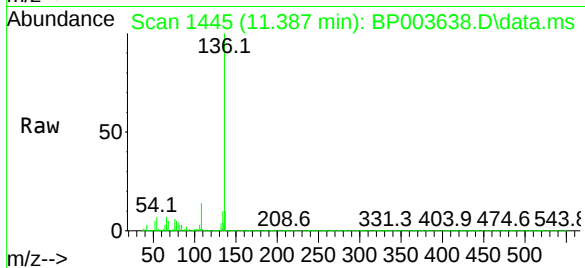




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.387 min Scan# 1445  
Delta R.T. -0.006 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

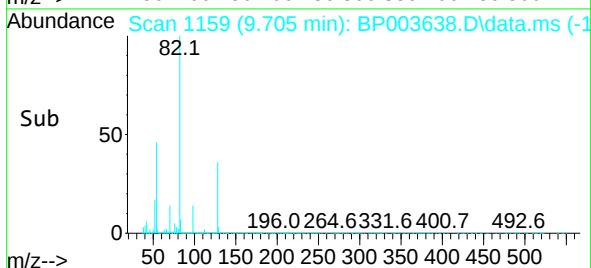
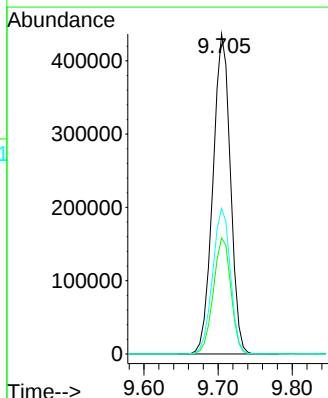
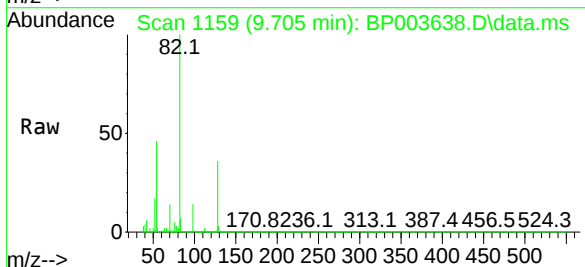
Instrument :  
BNA\_P  
ClientSampleId :  
PB132396TB

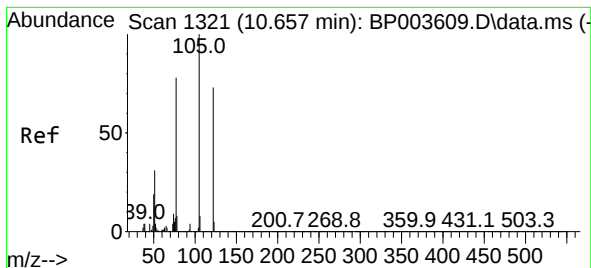
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 348880 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.4  | 8.6   | 13.0   |
| 54       | 7.2   | 3.6   | 5.4#   |
| 68       | 5.1   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 95.22 ng  
RT: 9.705 min Scan# 1159  
Delta R.T. -0.006 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 716483 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 36.3  | 45.6  | 68.4#  |
| 54       | 45.5  | 30.1  | 45.1#  |

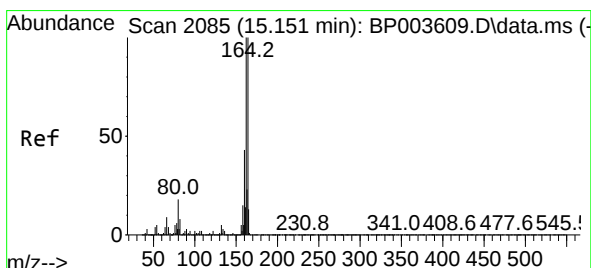
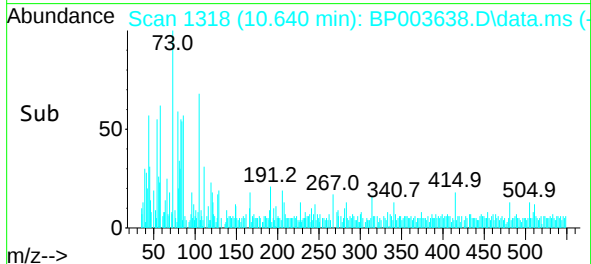
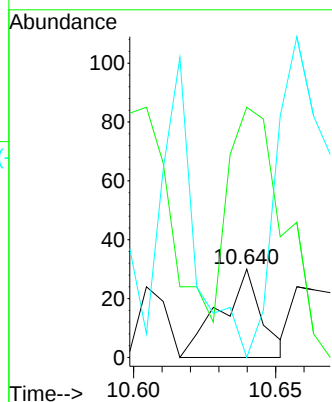
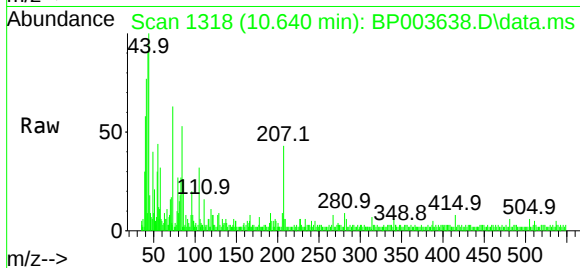




#32  
Benzoic acid  
Concen: 6.43 ng  
RT: 10.640 min Scan# 1318  
Delta R.T. -0.017 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

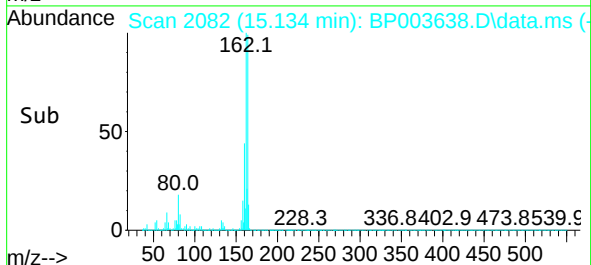
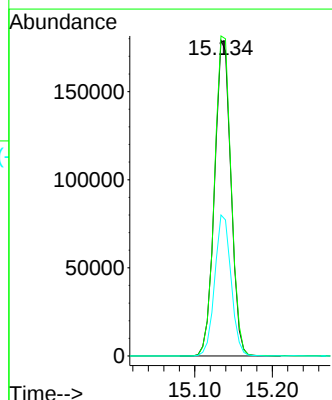
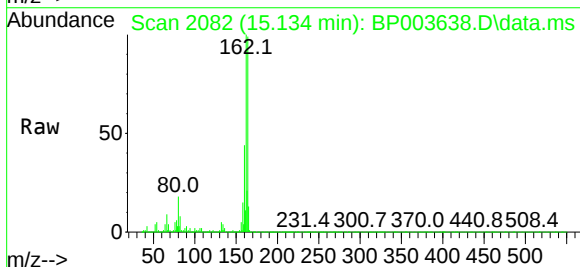
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BNA\_P  
ClientSampleId :  
PB132396TB

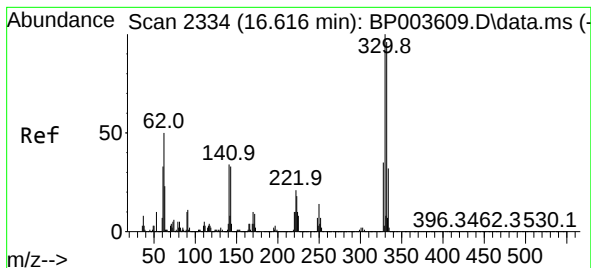
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 30     |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 283.3 | 94.1  | 134.1# |
| 77       | 26.7  | 50.1  | 90.1#  |



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.134 min Scan# 2082  
Delta R.T. -0.017 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 262660 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 101.4 | 79.4  | 119.2  |
| 160      | 44.7  | 36.1  | 54.1   |

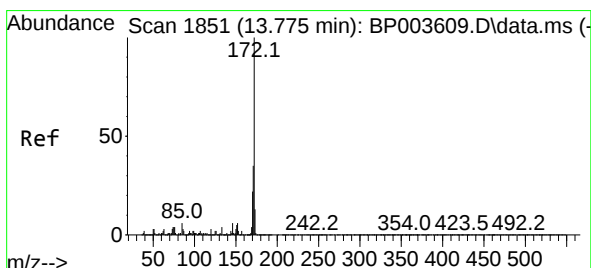
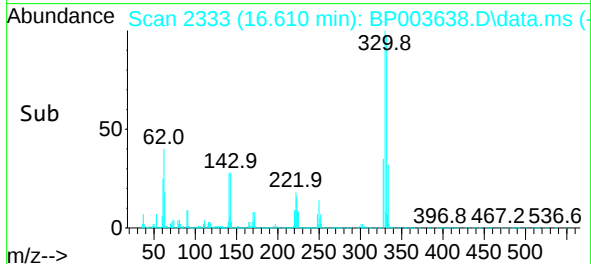
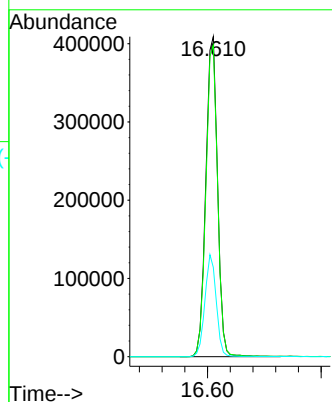
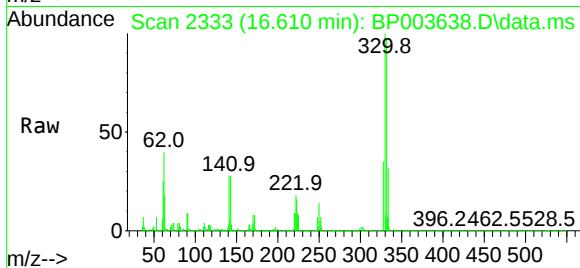




#42  
2,4,6-Tribromophenol  
Concen: 166.25 ng  
RT: 16.610 min Scan# 2333  
Delta R.T. -0.006 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

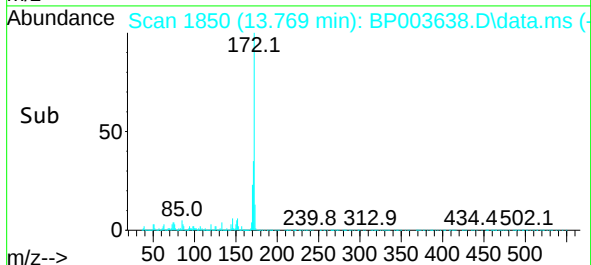
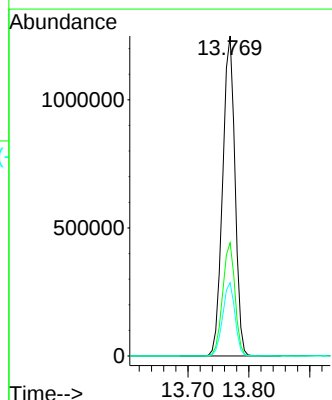
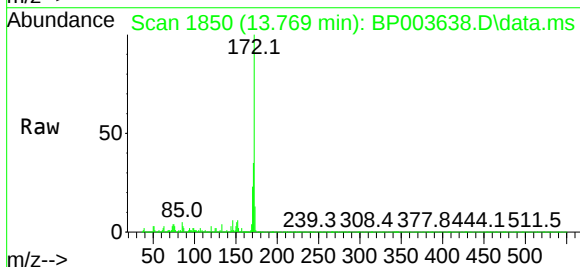
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ClientSampleId :  
PB132396TB

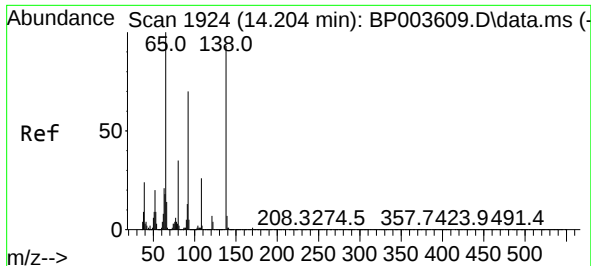
Tgt Ion:330 Resp: 582195  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.1 115.7  
141 31.0 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 88.02 ng  
RT: 13.769 min Scan# 1850  
Delta R.T. -0.006 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

Tgt Ion:172 Resp: 1762161  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.5 42.7  
170 22.9 19.2 28.8

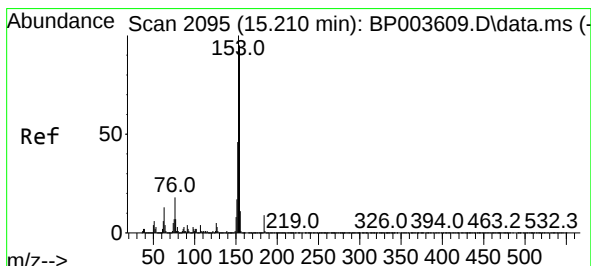
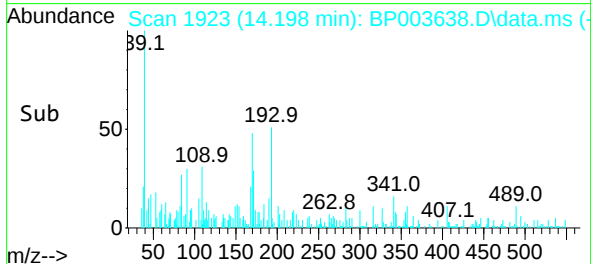
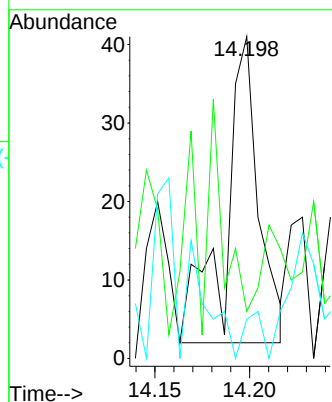
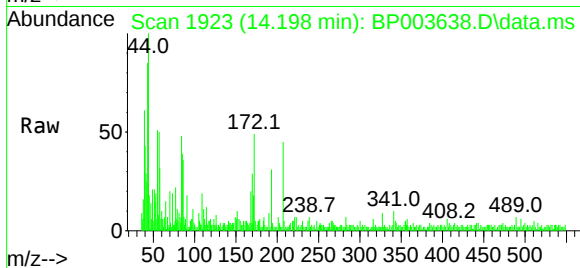




#48  
2-Nitroaniline  
Concen: 4.19 ng  
RT: 14.198 min Scan# 1923  
Delta R.T. -0.006 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

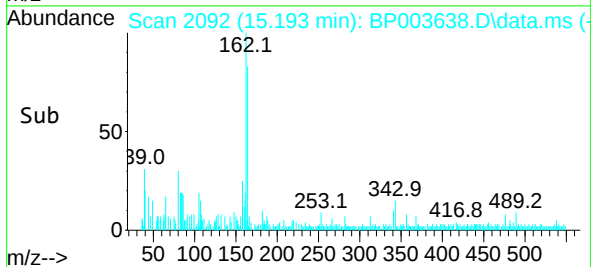
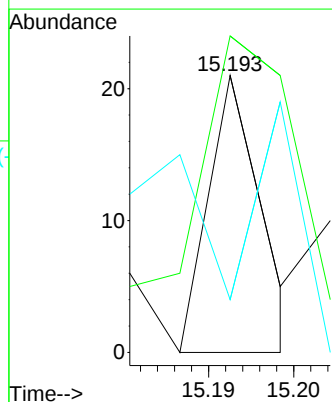
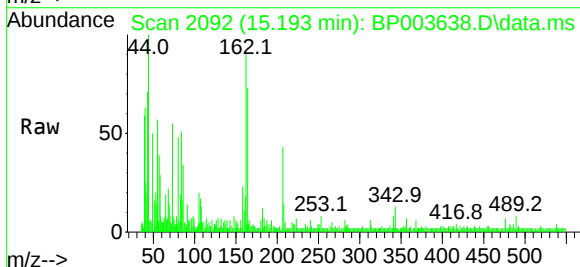
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ClientSampleID :  
PB132396TB

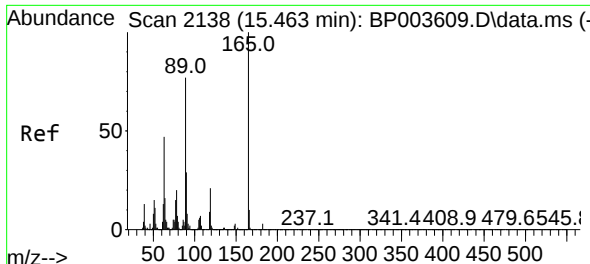
Tgt Ion: 65 Resp: 48  
Ion Ratio Lower Upper  
65 100  
92 14.6 70.6 106.0#  
138 12.2 133.6 200.4#



#54  
2,4-Dinitrophenol  
Concen: 2.11 ng  
RT: 15.193 min Scan# 2092  
Delta R.T. -0.017 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

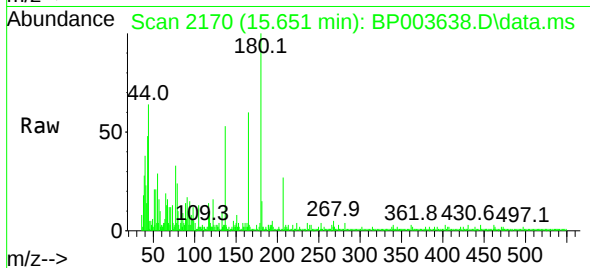
Tgt Ion: 184 Resp: 9  
Ion Ratio Lower Upper  
184 100  
63 114.3 32.3 48.5#  
154 19.0 49.1 73.7#



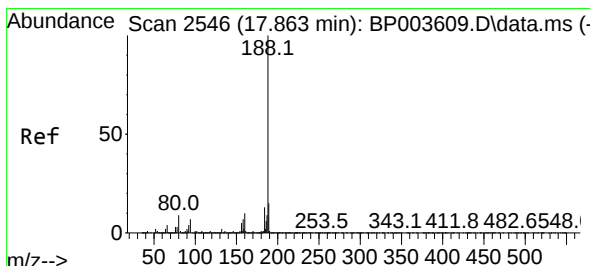
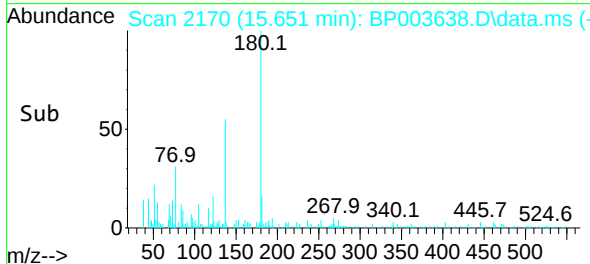
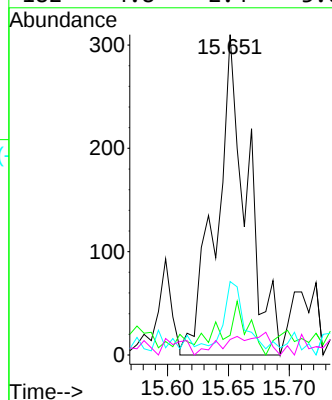


#57  
2,4-Dinitrotoluene  
Concen: 3.65 ng  
RT: 15.651 min Scan# 2170  
Delta R.T. 0.188 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

Instrument :  
BNA\_P  
ClientSampleId :  
PB132396TB

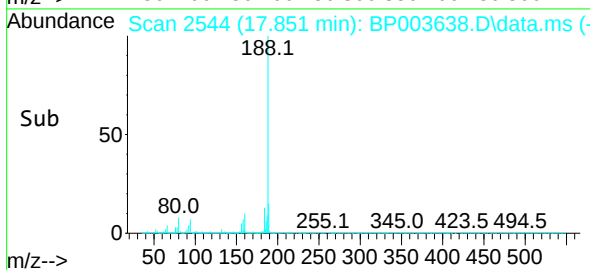
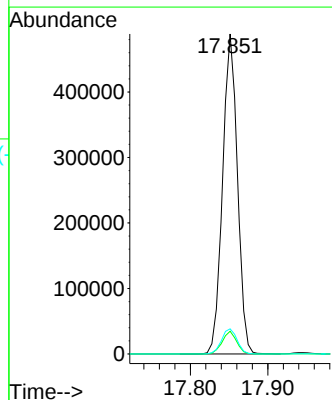
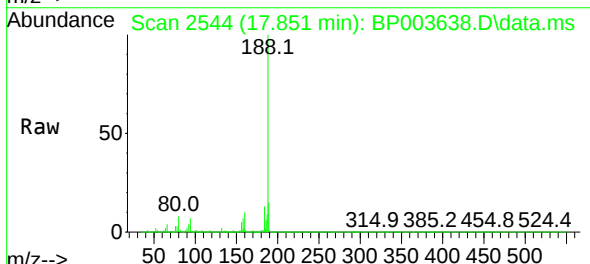


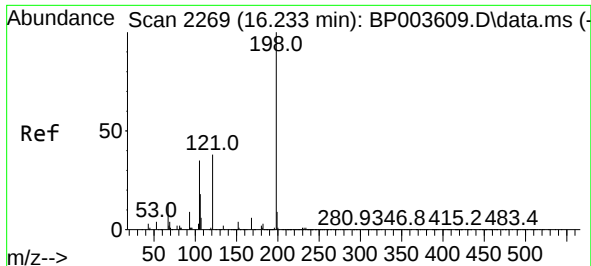
Tgt Ion:165 Resp: 545  
Ion Ratio Lower Upper  
165 100  
63 6.1 20.6 31.0#  
89 22.9 42.6 63.8#  
182 4.8 2.4 3.6#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.851 min Scan# 2544  
Delta R.T. -0.012 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

Tgt Ion:188 Resp: 649732  
Ion Ratio Lower Upper  
188 100  
94 7.1 6.2 9.2  
80 7.9 6.2 9.2

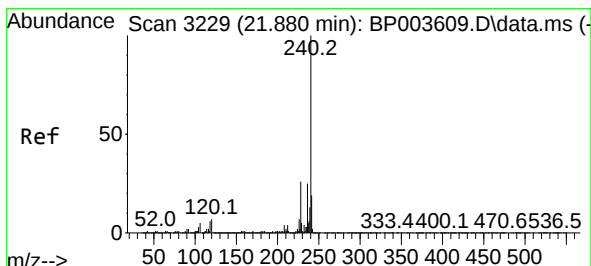
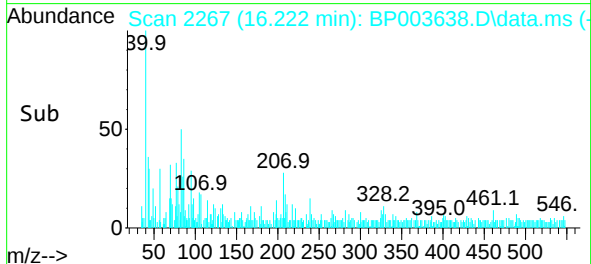
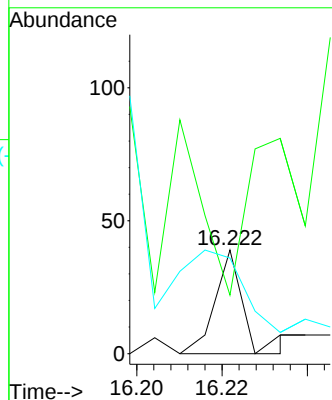
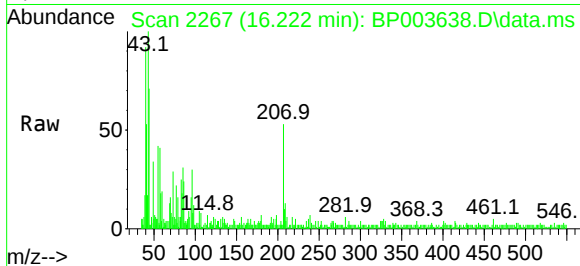




#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.38 ng  
RT: 16.222 min Scan# 2267  
Delta R.T. -0.011 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

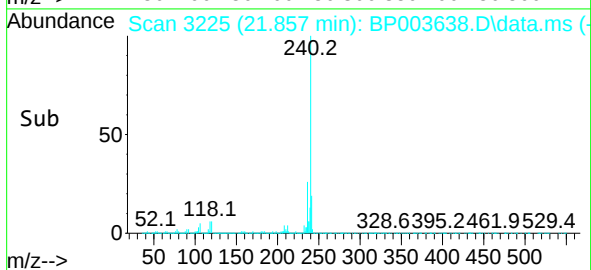
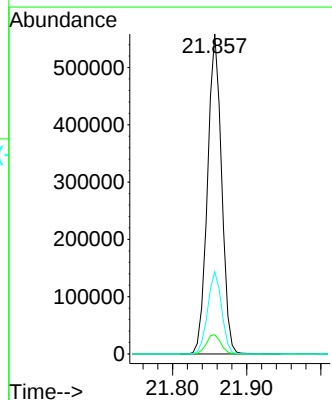
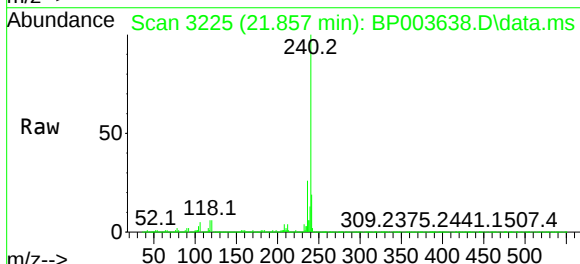
Instrument :  
BNA\_P  
ClientSampleId :  
PB132396TB

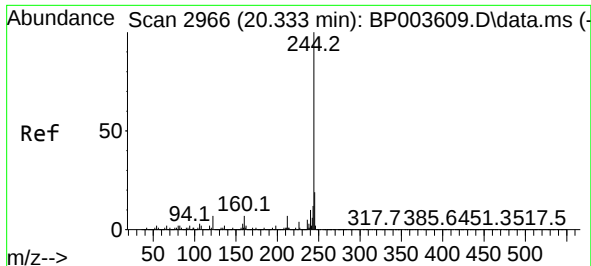
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:198 | Resp: | 19         |
| Ion Ratio   | Lower | Upper      |
| 198         | 100   |            |
| 51          | 56.4  | 6.4 46.4#  |
| 105         | 92.3  | 18.9 58.9# |



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.857 min Scan# 3225  
Delta R.T. -0.023 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 735448    |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 6.0   | 7.8 11.6# |
| 236         | 25.7  | 20.8 31.2 |

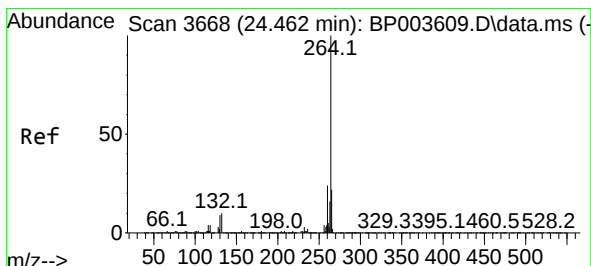
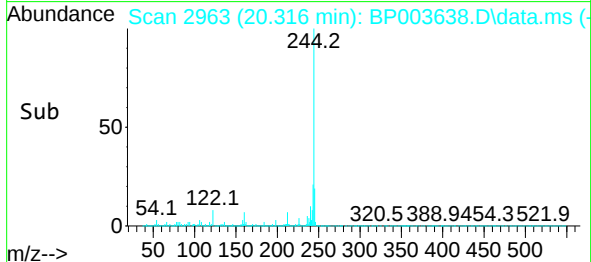
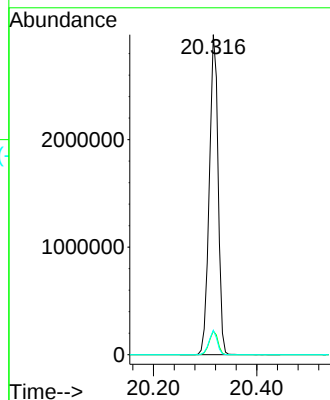
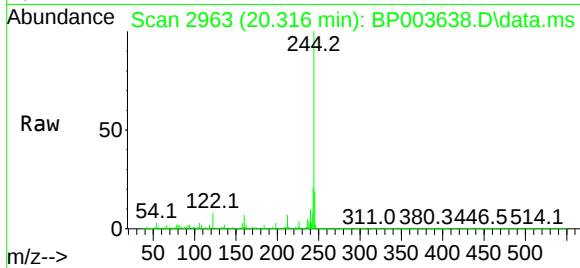




#79  
Terphenyl-d14  
Concen: 86.39 ng  
RT: 20.316 min Scan# 2963  
Delta R.T. -0.018 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

Instrument :  
BNA\_P  
ClientSampleId :  
PB132396TB

Tgt Ion:244 Resp: 3511811  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.8 8.6  
122 7.7 7.8 11.8#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.427 min Scan# 3662  
Delta R.T. -0.035 min  
Lab File: BP003638.D  
Acq: 16 Oct 2020 12:35

Tgt Ion:264 Resp: 722164  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.8 28.2  
265 21.3 17.4 26.2

