

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060121\  
 Data File : BP005658.D  
 Acq On : 01 Jun 2021 15:17  
 Operator : CG/JU  
 Sample : PB136714TB  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136714TB

Quant Time: Jun 01 15:54:00 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 27 16:11:11 2021  
 Response via : Initial Calibration

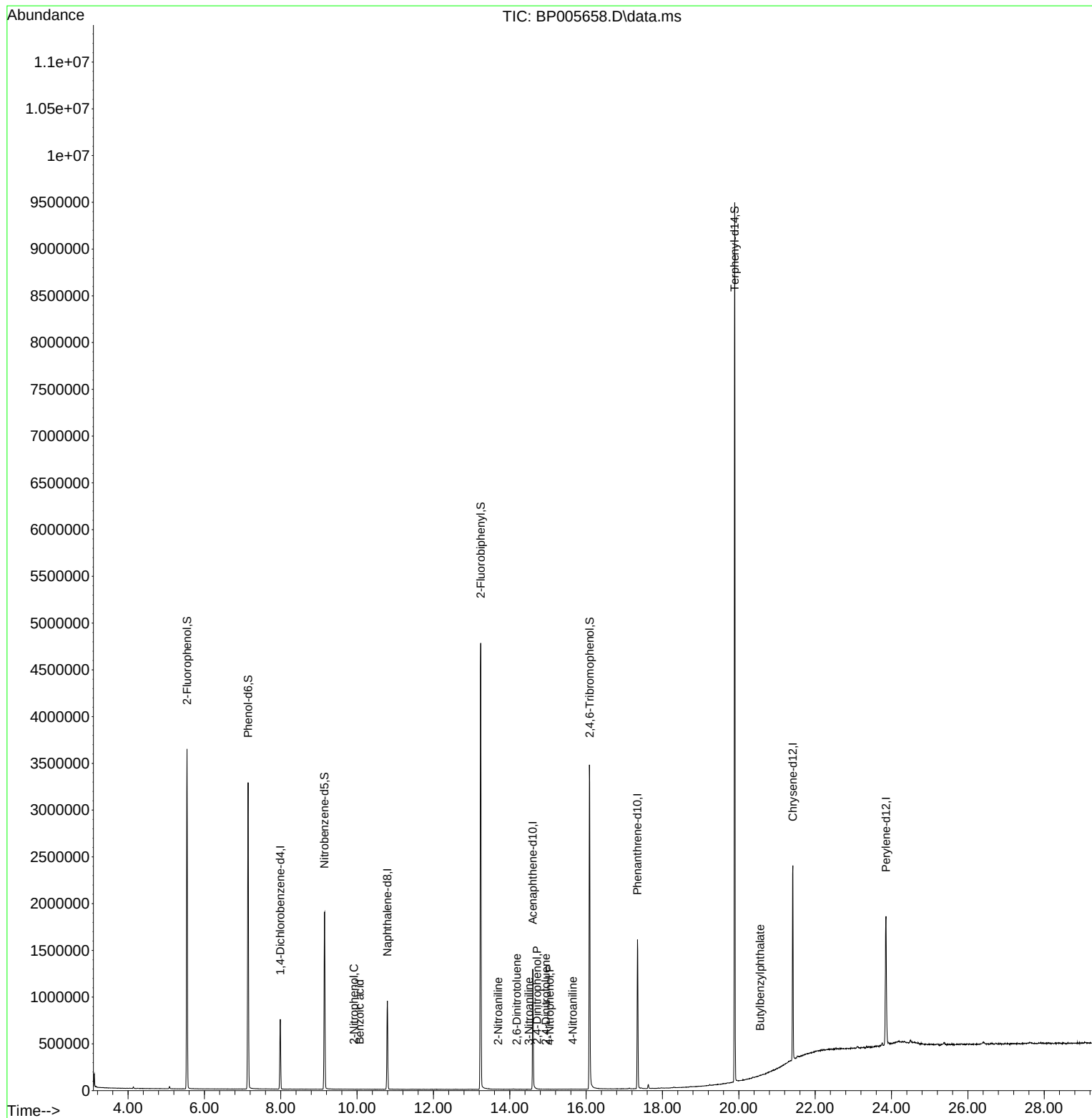
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.987  | 152  | 193597   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.793 | 136  | 759694   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.604 | 164  | 449918   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.345 | 188  | 959640   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.416 | 240  | 982529   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.857 | 264  | 1027049  | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.546  | 112  | 1489820  | 119.64 | ng    | 0.00     |
| 7) Phenol-d6                | 7.146  | 99   | 1775591  | 104.60 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.146  | 82   | 1092158  | 79.95  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.092 | 330  | 682422   | 118.29 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.240 | 172  | 2441536  | 71.82  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.892 | 244  | 4086078  | 78.04  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 26) 2-Nitrophenol           | 9.916  | 139  | 36       | 4.16   | ng    | # 1      |
| 32) Benzoic acid            | 10.069 | 122  | 16       | 5.02   | ng    | # 1      |
| 48) 2-Nitroaniline          | 13.693 | 65   | 237      | 4.52   | ng    | # 38     |
| 51) 2,6-Dinitrotoluene      | 14.181 | 165  | 49       | 5.06   | ng    | # 57     |
| 53) 3-Nitroaniline          | 14.504 | 138  | 30       | 3.66   | ng    | # 48     |
| 54) 2,4-Dinitrophenol       | 14.716 | 184  | 11       | 6.53   | ng    | # 1      |
| 56) 4-Nitrophenol           | 15.045 | 139  | 16       | 3.75   | ng    | 91       |
| 57) 2,4-Dinitrotoluene      | 14.945 | 165  | 55       | 4.27   | ng    | # 45     |
| 62) 4-Nitroaniline          | 15.651 | 138  | 34       | 3.63   | ng    | # 26     |
| 80) Butylbenzylphthalate    | 20.557 | 149  | 570      | 4.15   | ng    | # 68     |
| -----                       |        |      |          |        |       |          |

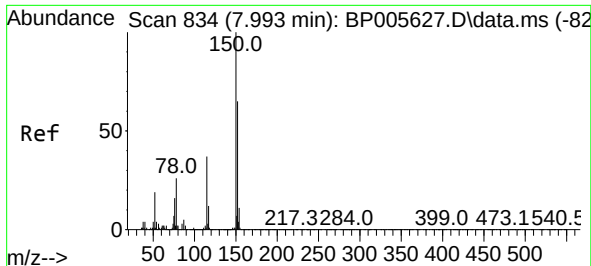
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060121\  
Data File : BP005658.D  
Acq On : 01 Jun 2021 15:17  
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Sample : PB136714TB  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB136714TB

Quant Time: Jun 01 15:54:00 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 27 16:11:11 2021  
Response via : Initial Calibration

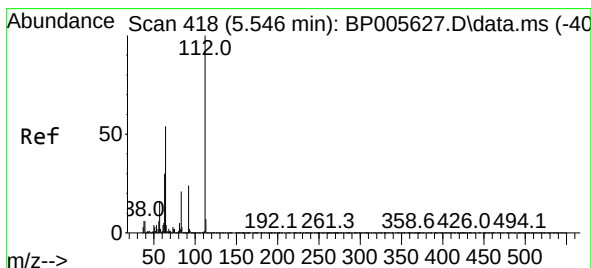
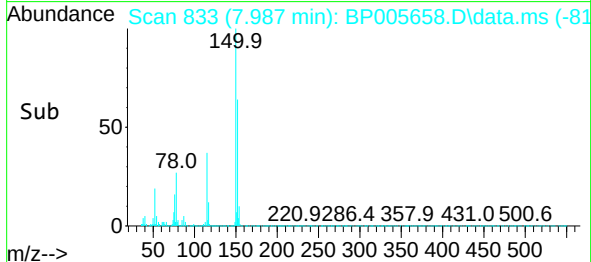
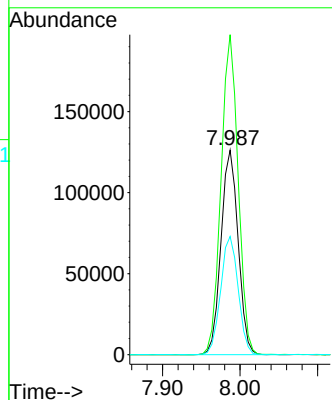
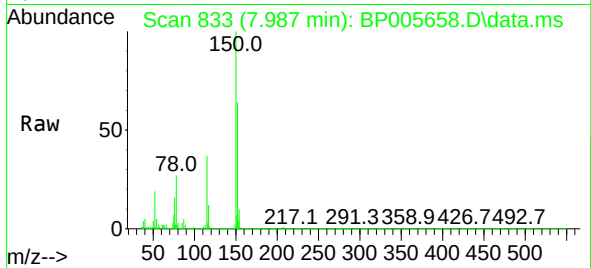




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.987 min Scan# 833  
 Delta R.T. -0.006 min  
 Lab File: BP005658.D  
 Acq: 01 Jun 2021 15:17

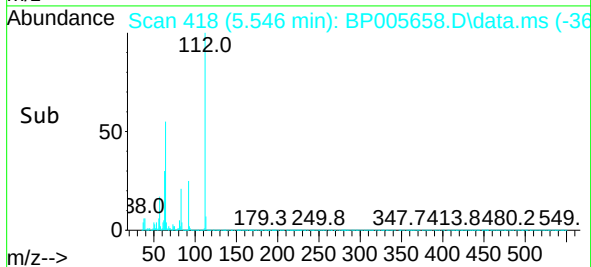
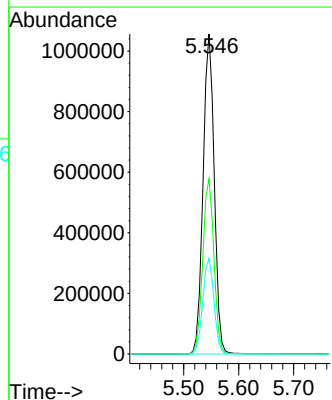
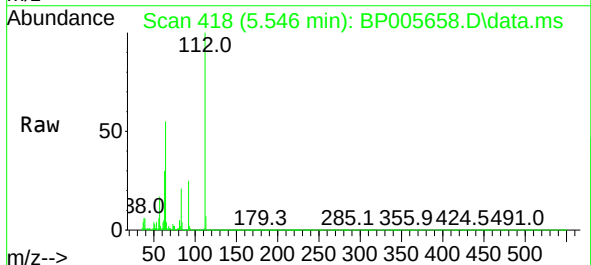
Instrument :  
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 ClientSampleId :  
 PB136714TB

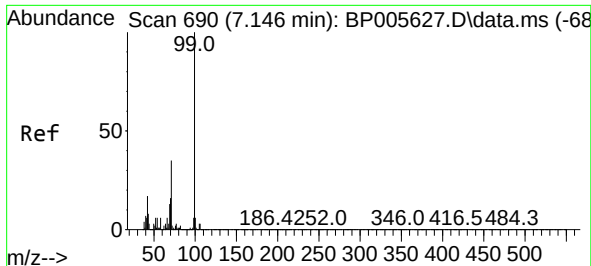
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 193597 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 156.5 | 119.8 | 179.8  |
| 115       | 57.8  | 49.0  | 73.4   |



#5  
 2-Fluorophenol  
 Concen: 119.64 ng  
 RT: 5.546 min Scan# 418  
 Delta R.T. -0.000 min  
 Lab File: BP005658.D  
 Acq: 01 Jun 2021 15:17

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 112   | Resp: | 1489820 |
| Ion Ratio | Lower | Upper |         |
| 112       | 100   |       |         |
| 64        | 54.8  | 33.6  | 50.4#   |
| 63        | 29.9  | 18.6  | 27.8#   |



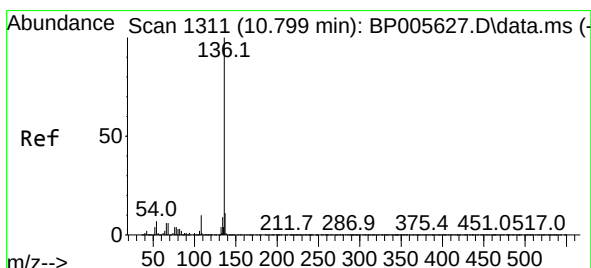
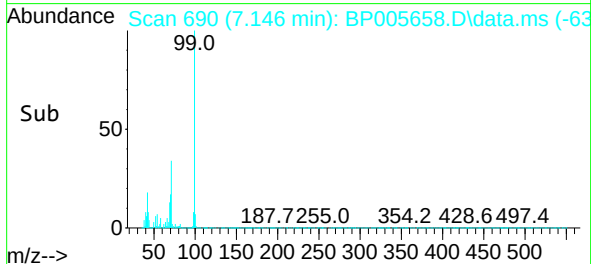
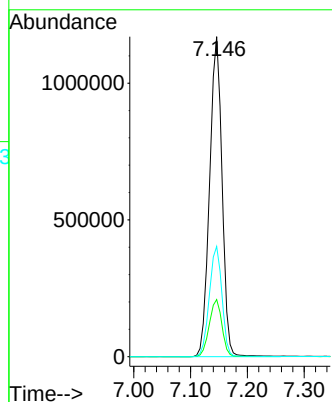
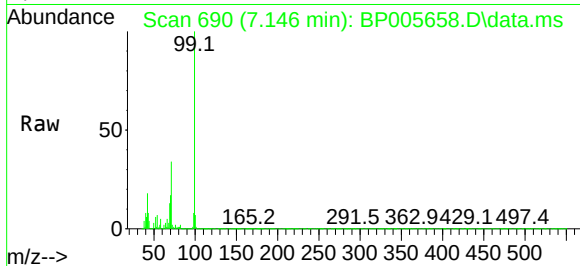


#7  
Phenol-d6  
Concen: 104.60 ng  
RT: 7.146 min Scan# 690  
Delta R.T. -0.000 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

Instrument :  
BNA\_P  
ClientSampleId :  
PB136714TB

Tgt Ion: 99 Resp: 1775591

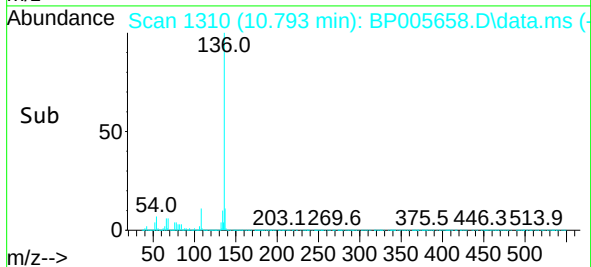
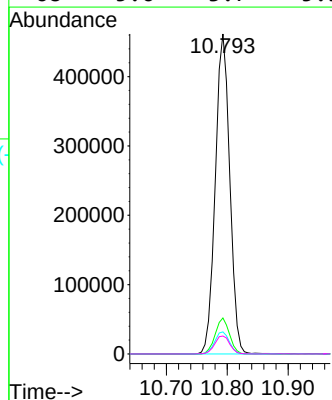
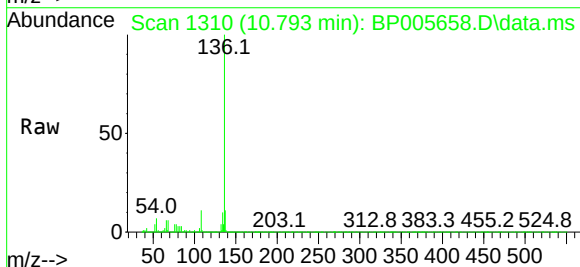
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.8  | 12.9  | 19.3  |
| 71  | 34.5  | 26.7  | 40.1  |

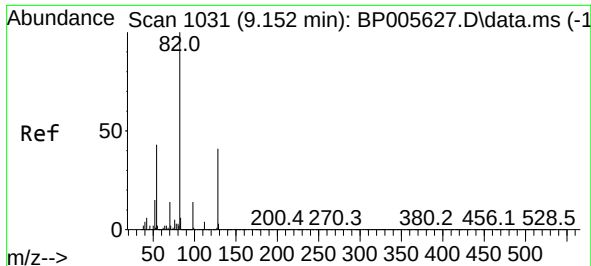


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.793 min Scan# 1310  
Delta R.T. -0.006 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

Tgt Ion:136 Resp: 759694

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.9   | 13.3  |
| 54  | 6.9   | 5.0   | 7.4   |
| 68  | 5.6   | 3.7   | 5.5   |

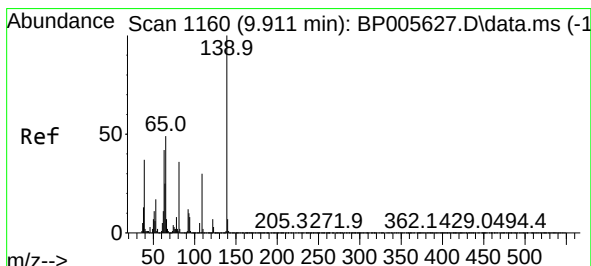
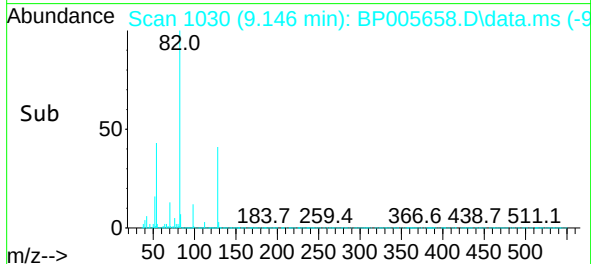
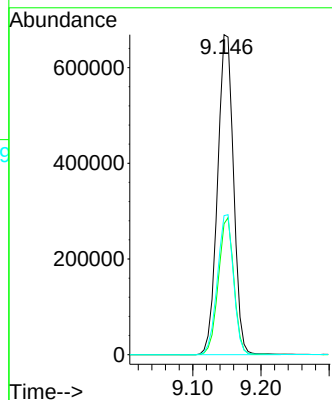
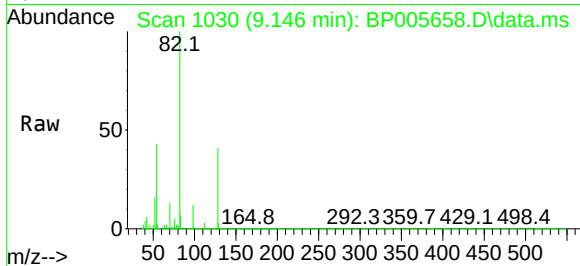




#23  
Nitrobenzene-d5  
Concen: 79.95 ng  
RT: 9.146 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

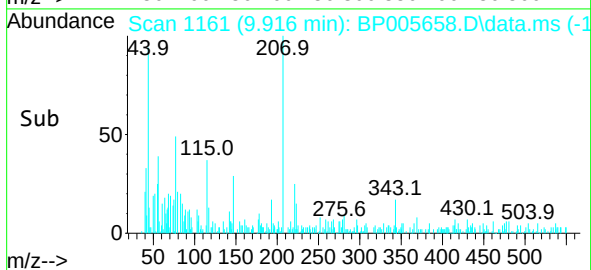
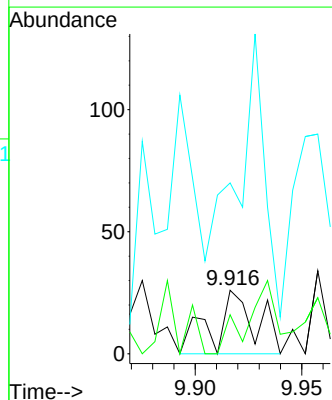
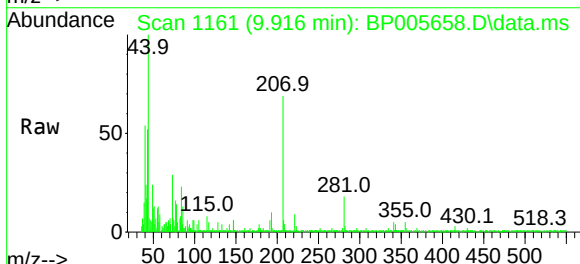
Instrument :  
BNA\_P  
ClientSampleId :  
PB136714TB

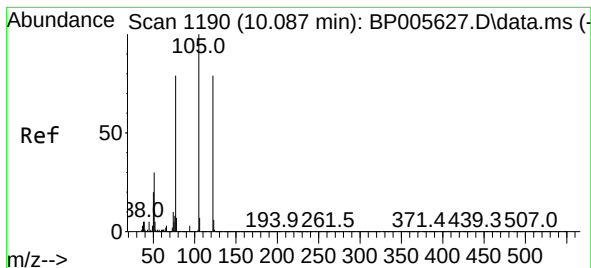
Tgt Ion: 82 Resp: 1092158  
Ion Ratio Lower Upper  
82 100  
128 40.9 30.5 45.7  
54 43.5 33.9 50.9



#26  
2-Nitrophenol  
Concen: 4.16 ng  
RT: 9.916 min Scan# 1161  
Delta R.T. 0.005 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

Tgt Ion: 139 Resp: 36  
Ion Ratio Lower Upper  
139 100  
109 61.5 40.7 61.1#  
65 269.2 47.8 71.6#

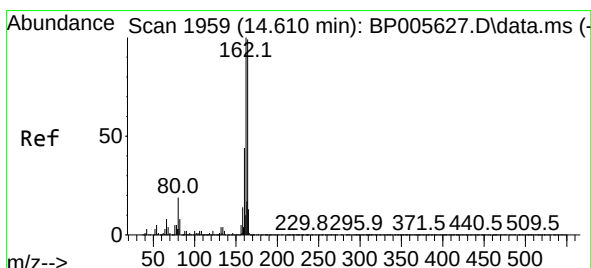
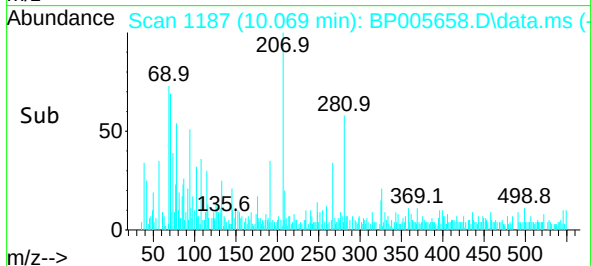
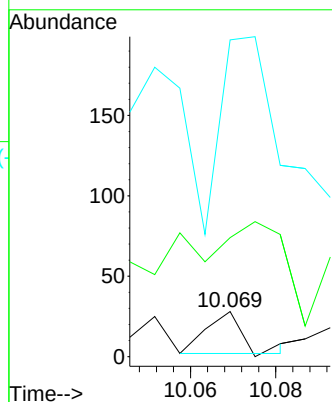
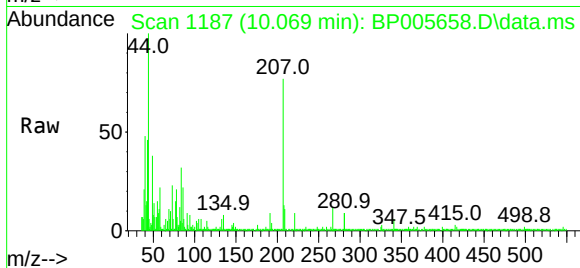




#32  
Benzoic acid  
Concen: 5.02 ng  
RT: 10.069 min Scan# 1187  
Delta R.T. -0.018 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

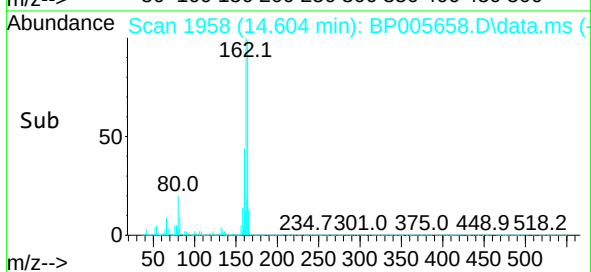
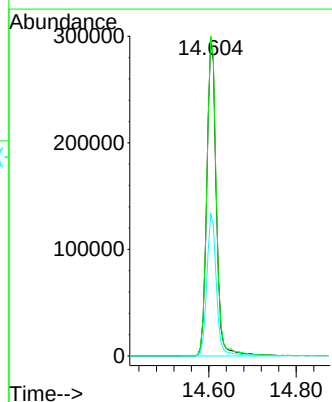
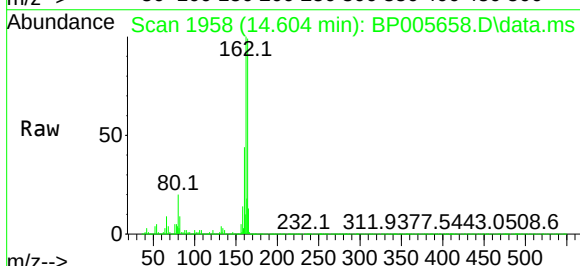
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ClientSampleId :  
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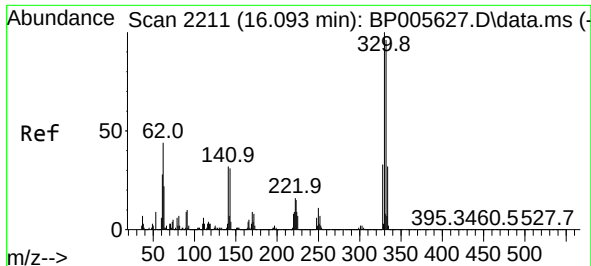
Tgt Ion:122 Resp: 16  
Ion Ratio Lower Upper  
122 100  
105 264.3 105.1 145.1#  
77 703.6 69.6 109.6#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.604 min Scan# 1958  
Delta R.T. -0.006 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

Tgt Ion:164 Resp: 449918  
Ion Ratio Lower Upper  
164 100  
162 100.6 73.5 110.3  
160 44.6 40.6 61.0

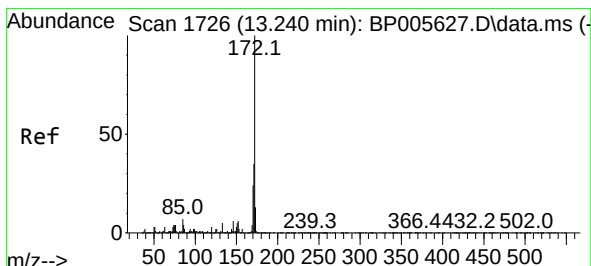
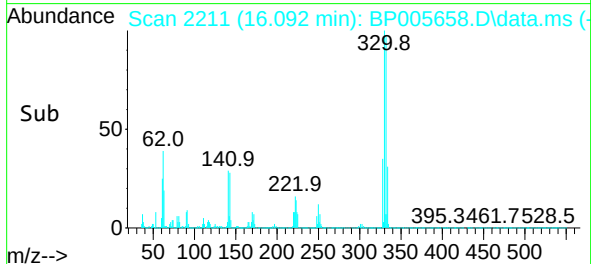
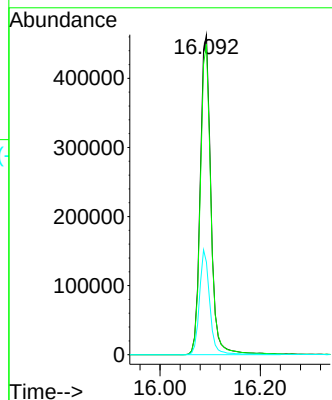
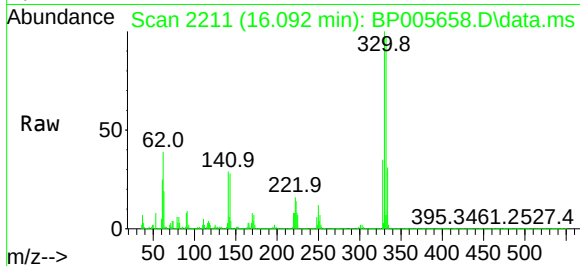




#42  
2,4,6-Tribromophenol  
Concen: 118.29 ng  
RT: 16.092 min Scan# 2211  
Delta R.T. -0.000 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

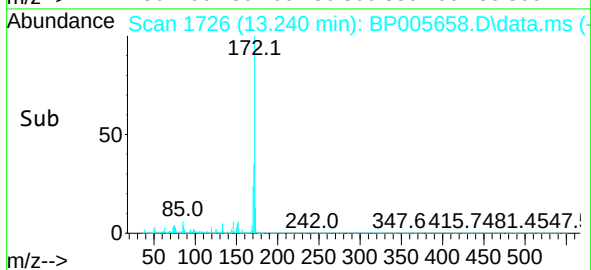
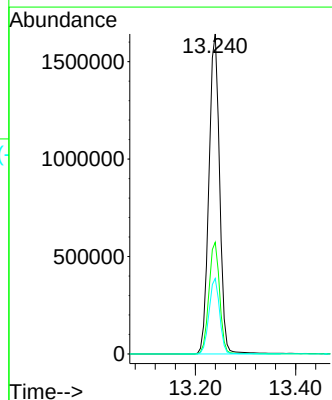
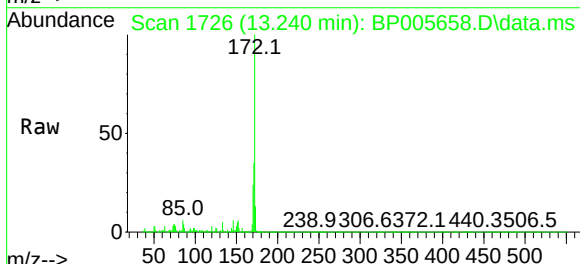
Instrument :  
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ClientSampleId :  
PB136714TB

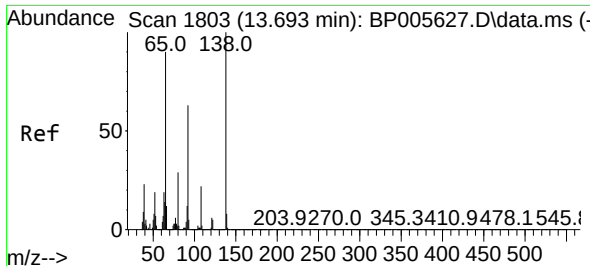
Tgt Ion: 330 Resp: 682422  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.3 114.5  
141 31.6 22.8 34.2



#45  
2-Fluorobiphenyl  
Concen: 71.82 ng  
RT: 13.240 min Scan# 1726  
Delta R.T. -0.000 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

Tgt Ion: 172 Resp: 2441536  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.1 42.1  
170 23.6 19.6 29.4

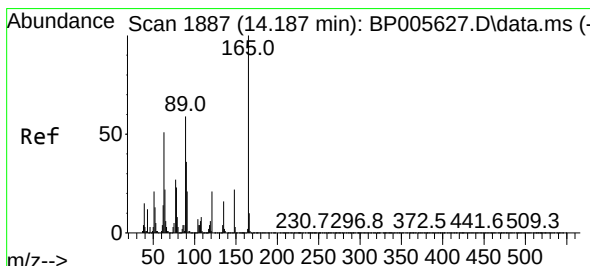
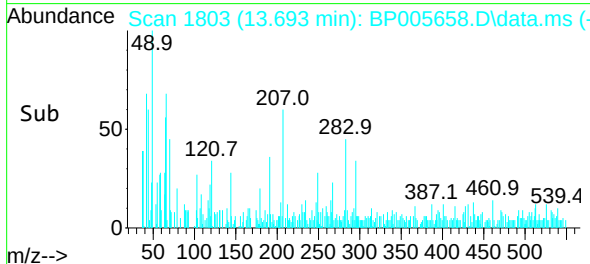
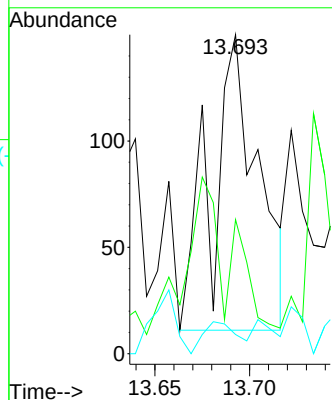
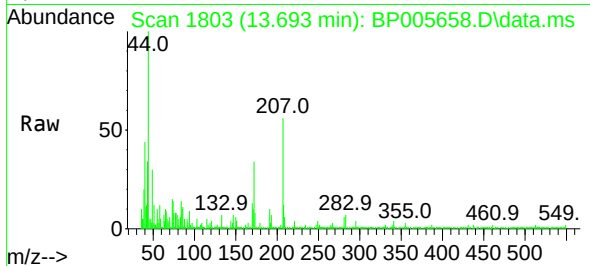




#48  
2-Nitroaniline  
Concen: 4.52 ng  
RT: 13.693 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

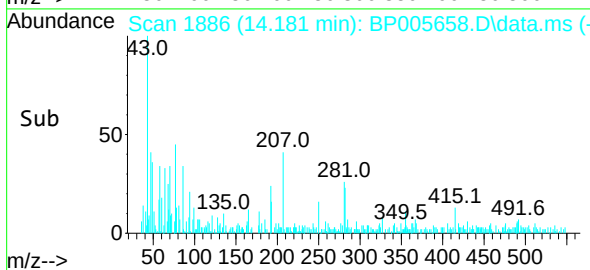
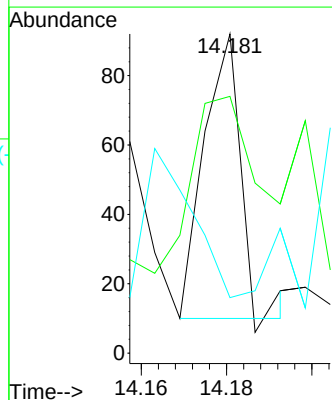
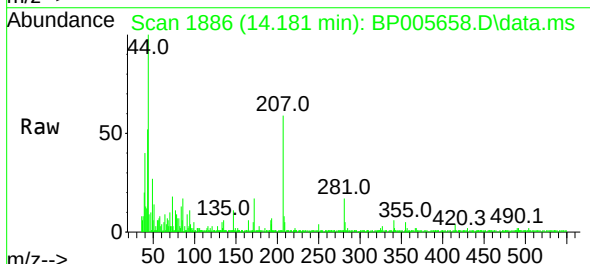
Instrument :  
BNA\_P  
ClientSampleId :  
PB136714TB

Tgt Ion: 65 Resp: 237  
Ion Ratio Lower Upper  
65 100  
92 42.0 48.8 73.2#  
138 6.0 69.5 104.3#

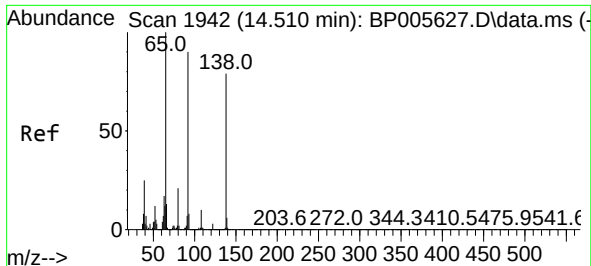


#51  
2,6-Dinitrotoluene  
Concen: 5.06 ng  
RT: 14.181 min Scan# 1886  
Delta R.T. -0.006 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

Tgt Ion:165 Resp: 49  
Ion Ratio Lower Upper  
165 100  
63 80.4 67.4 101.0  
89 17.4 73.8 110.6#



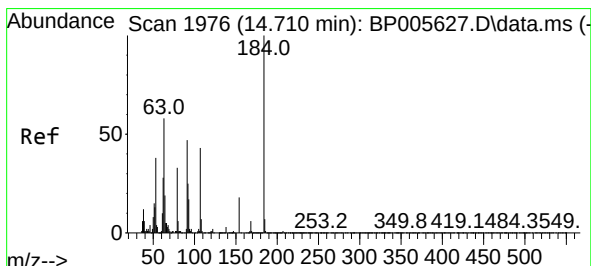
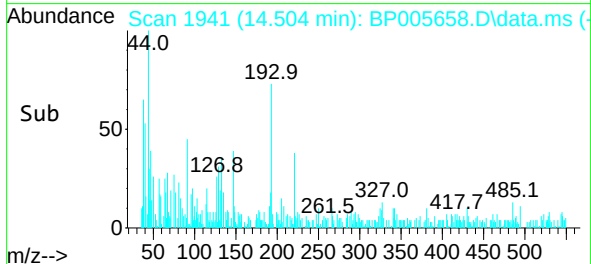
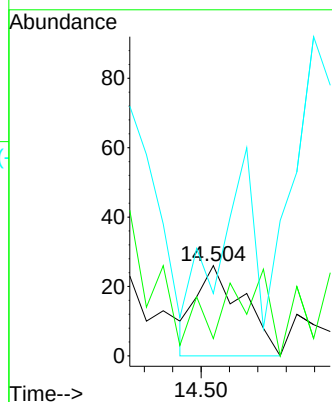
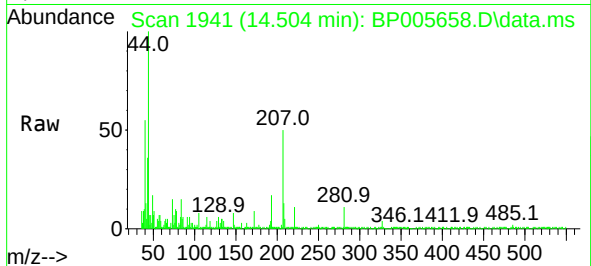




#53  
3-Nitroaniline  
Concen: 3.66 ng  
RT: 14.504 min Scan# 1941  
Delta R.T. -0.006 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

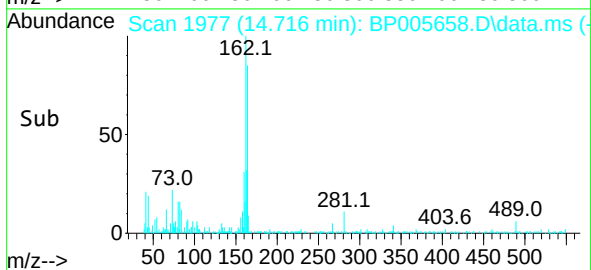
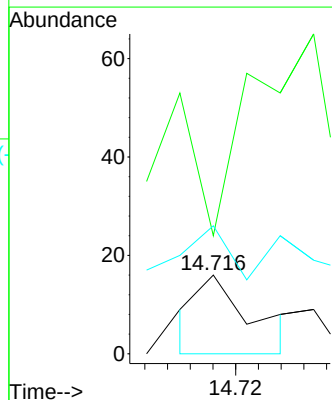
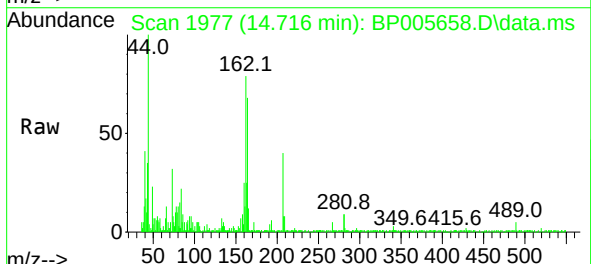
Instrument :  
BNA\_P  
ClientSampleId :  
PB136714TB

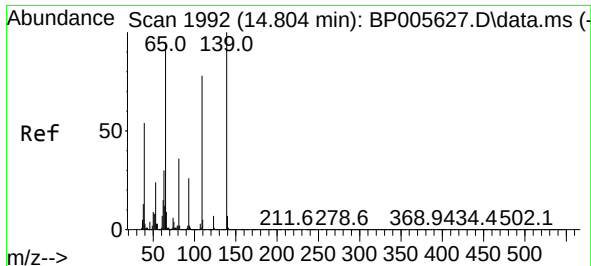
Tgt Ion:138 Resp: 30  
Ion Ratio Lower Upper  
138 100  
108 19.2 10.2 15.4#  
92 69.2 108.1 162.1#



#54  
2,4-Dinitrophenol  
Concen: 6.53 ng  
RT: 14.716 min Scan# 1977  
Delta R.T. 0.006 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

Tgt Ion:184 Resp: 11  
Ion Ratio Lower Upper  
184 100  
63 243.8 51.2 76.8#  
154 162.5 55.8 83.8#

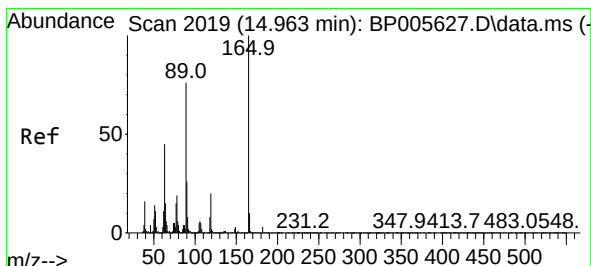
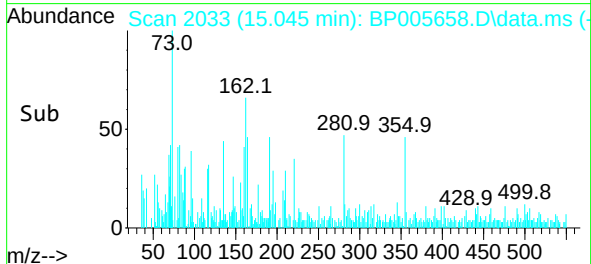
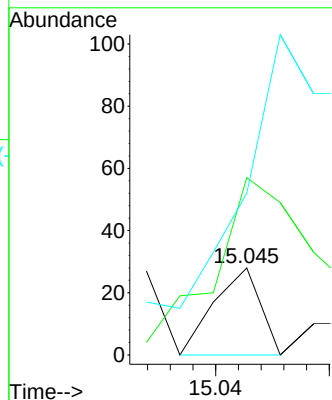
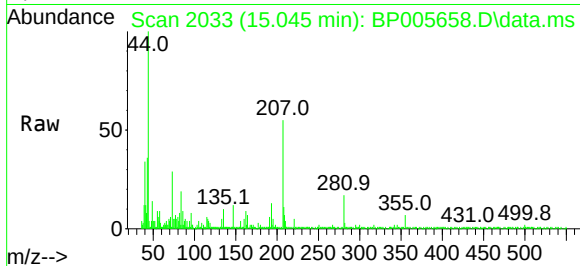




#56  
4-Nitrophenol  
Concen: 3.75 ng  
RT: 15.045 min Scan# 2033  
Delta R.T. 0.241 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

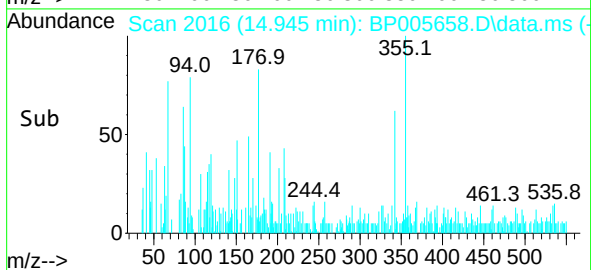
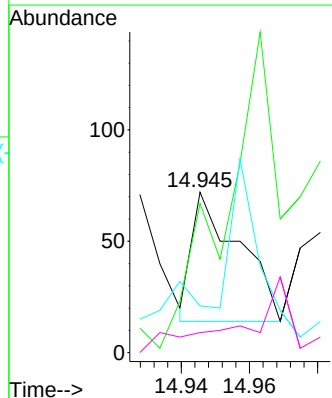
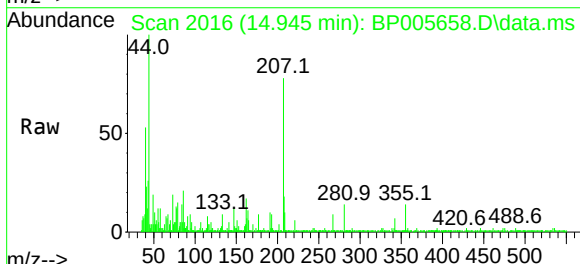
Instrument :  
BNA\_P  
ClientSampleId :  
PB136714TB

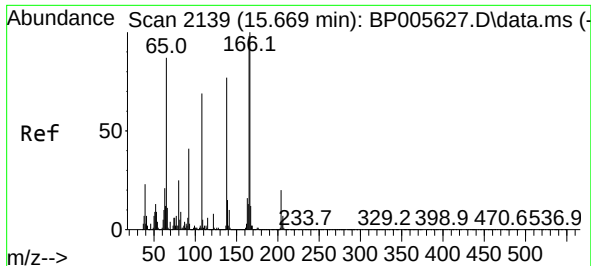
Tgt Ion:139 Resp: 16  
Ion Ratio Lower Upper  
139 100  
109 154.1 122.8 162.8  
65 140.5 110.0 150.0



#57  
2,4-Dinitrotoluene  
Concen: 4.27 ng  
RT: 14.945 min Scan# 2016  
Delta R.T. -0.018 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

Tgt Ion:165 Resp: 55  
Ion Ratio Lower Upper  
165 100  
63 93.1 56.7 85.1#  
89 29.2 85.8 128.6#  
182 12.5 3.0 4.6#

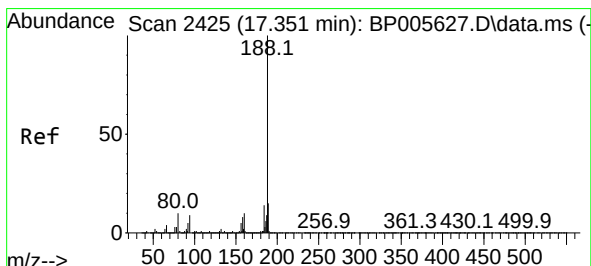
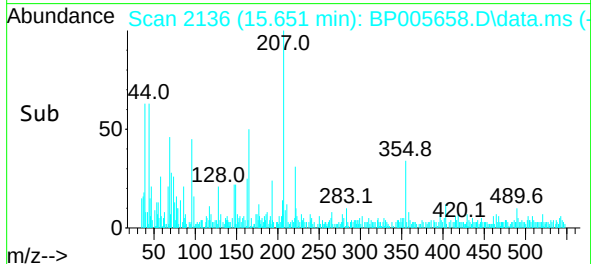
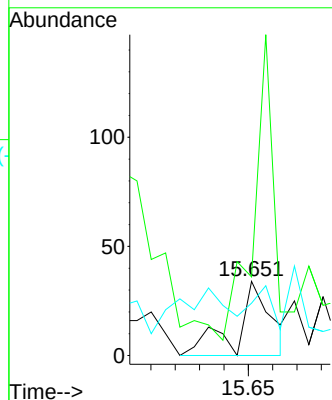
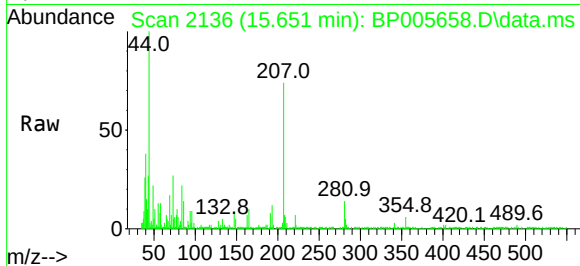




#62  
4-Nitroaniline  
Concen: 3.63 ng  
RT: 15.651 min Scan# 2136  
Delta R.T. -0.018 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

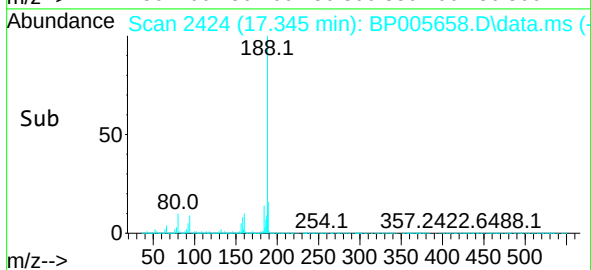
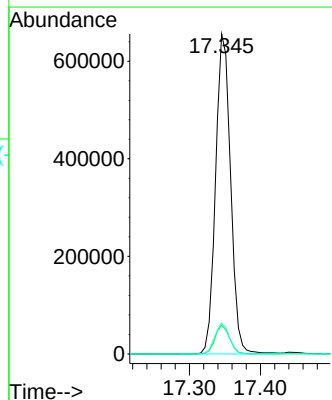
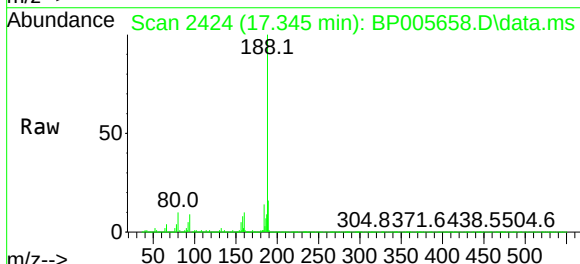
Instrument :  
BNA\_P  
ClientSampleId :  
PB136714TB

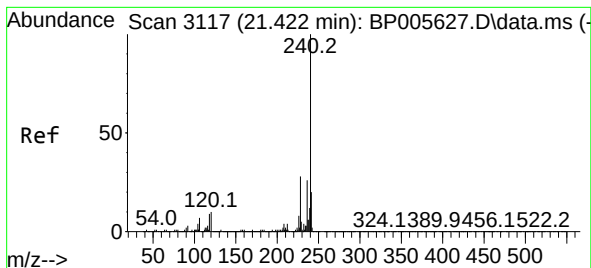
Tgt Ion:138 Resp: 34  
Ion Ratio Lower Upper  
138 100  
92 129.4 50.9 90.9#  
108 70.6 154.7 194.7#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.345 min Scan# 2424  
Delta R.T. -0.006 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

Tgt Ion:188 Resp: 959640  
Ion Ratio Lower Upper  
188 100  
94 8.9 5.0 7.6#  
80 9.6 5.9 8.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP005658.D

Acq: 01 Jun 2021 15:17

Tgt Ion:240 Resp: 982529

Ion Ratio Lower Upper

240 100

120 8.9 4.2 6.2#

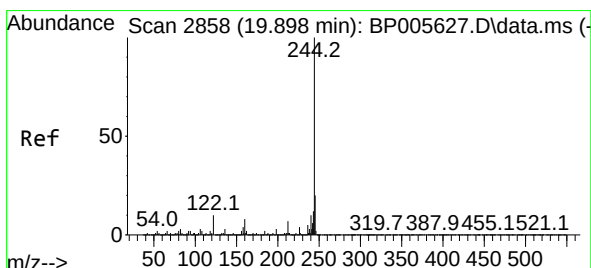
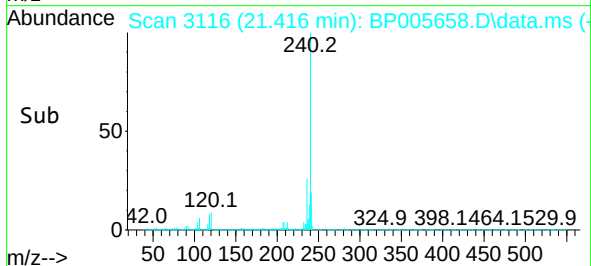
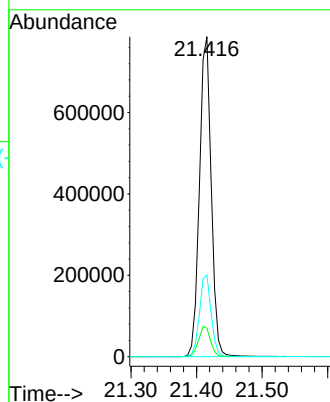
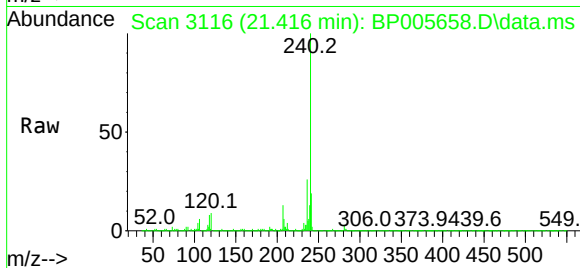
236 25.5 20.2 30.2

Instrument :

BNA\_P

ClientSampleId :

PB136714TB



#79

Terphenyl-d14

Concen: 78.04 ng

RT: 19.892 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP005658.D

Acq: 01 Jun 2021 15:17

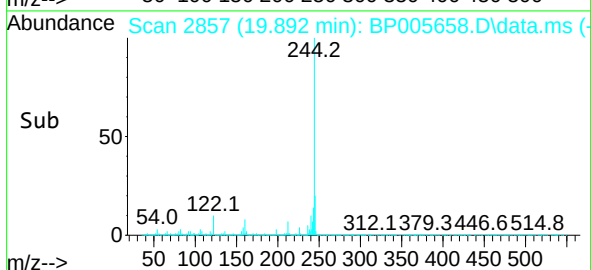
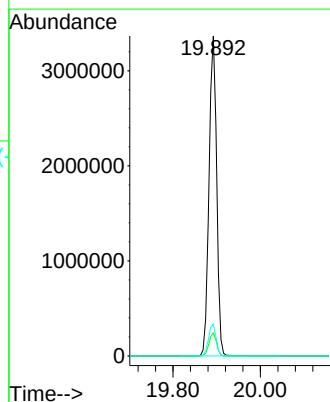
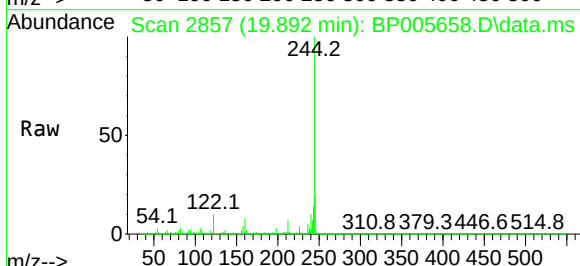
Tgt Ion:244 Resp: 4086078

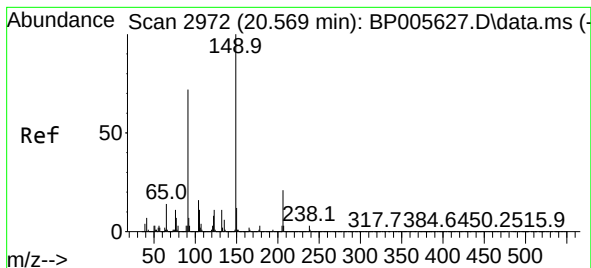
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.0 5.2 7.8#

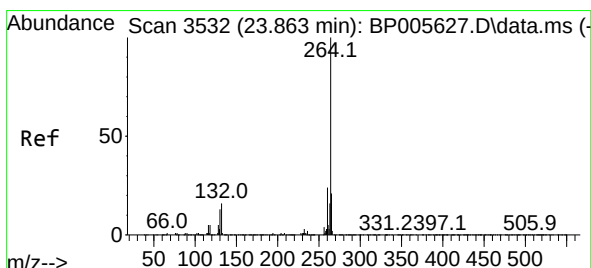
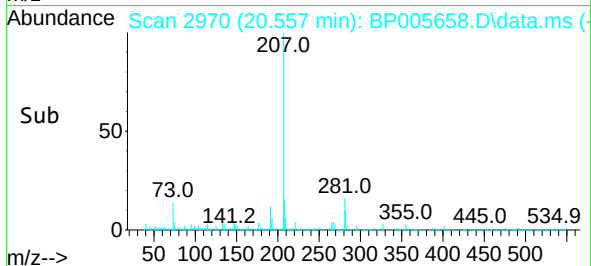
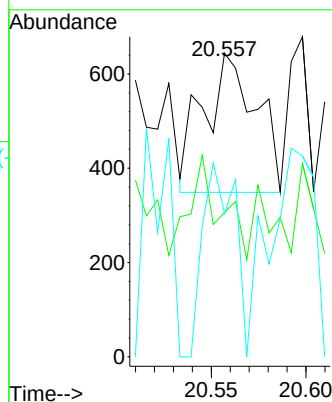
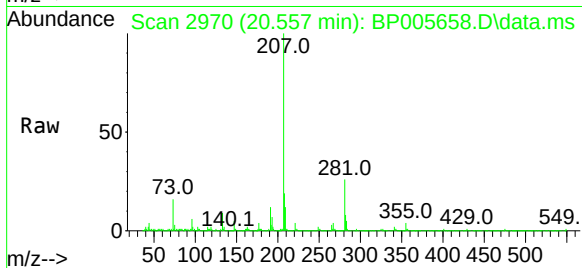




#80  
Butylbenzylphthalate  
Concen: 4.15 ng  
RT: 20.557 min Scan# 2970  
Delta R.T. -0.012 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

Instrument :  
BNA\_P  
ClientSampleId :  
PB136714TB

Tgt Ion:149 Resp: 570  
Ion Ratio Lower Upper  
149 100  
91 47.5 60.2 90.4#  
206 47.2 23.9 35.9#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.857 min Scan# 3531  
Delta R.T. -0.006 min  
Lab File: BP005658.D  
Acq: 01 Jun 2021 15:17

Tgt Ion:264 Resp: 1027049  
Ion Ratio Lower Upper  
264 100  
260 24.3 20.6 30.8  
265 21.9 19.0 28.6

