

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010721\  
 Data File : BP004480.D  
 Acq On : 07 Jan 2021 14:47  
 Operator : CG/JU  
 Sample : PB133961BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB133961BL

Quant Time: Jan 07 15:25:10 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP121120.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 07 14:50:44 2021  
 Response via : Initial Calibration

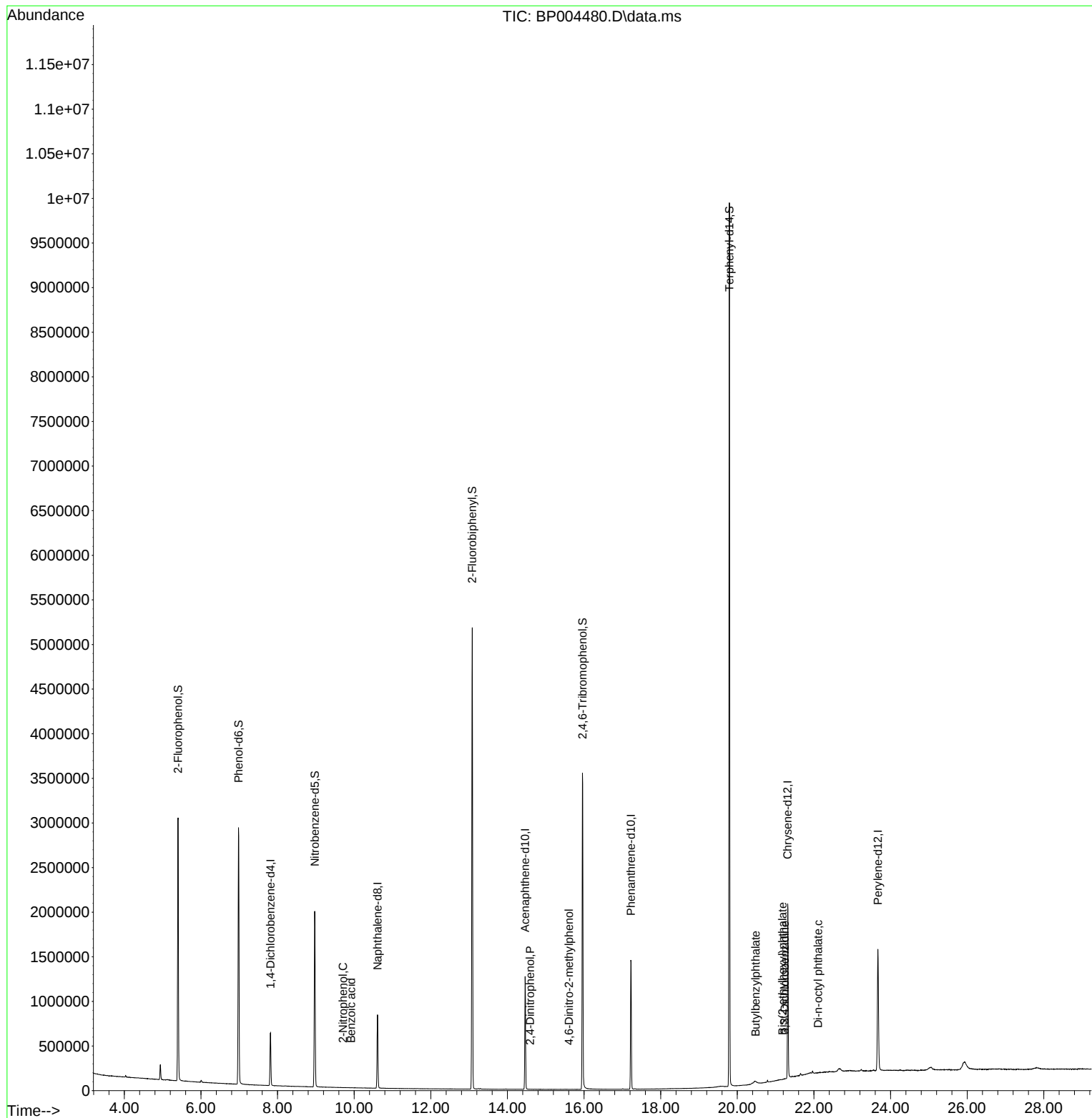
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.816  | 152  | 181181   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.610 | 136  | 711281   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.463 | 164  | 420264   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.222 | 188  | 930191   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.316 | 240  | 1011280  | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.669 | 264  | 1037557  | 20.00  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.405  | 112  | 1430696  | 129.39 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.981  | 99   | 1859965  | 119.48 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.969  | 82   | 1186572  | 79.30  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.963 | 330  | 740674   | 132.08 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.081 | 172  | 2760372  | 83.24  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.792 | 244  | 4340714  | 82.26  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 26) 2-Nitrophenol             | 9.710  | 139  | 23       | 2.64   | ng    | # 1      |
| 32) Benzoic acid              | 9.922  | 122  | 19       | 7.26   | ng    | # 81     |
| 54) 2,4-Dinitrophenol         | 14.593 | 184  | 11       | 5.28   | ng    | # 28     |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 198  | 9        | 4.16   | ng    | # 1      |
| 80) Butylbenzylphthalate      | 20.475 | 149  | 121      | 3.57   | ng    | # 94     |
| 82) 3,3'-Dichlorobenzidine    | 21.239 | 252  | 243      | 3.14   | ng    | # 94     |
| 84) Bis(2-ethylhexyl)phtha... | 21.180 | 149  | 148      | 3.42   | ng    | 96       |
| 85) Di-n-octyl phthalate      | 22.110 | 149  | 629      | 4.51   | ng    | # 21     |
| -----                         |        |      |          |        |       |          |

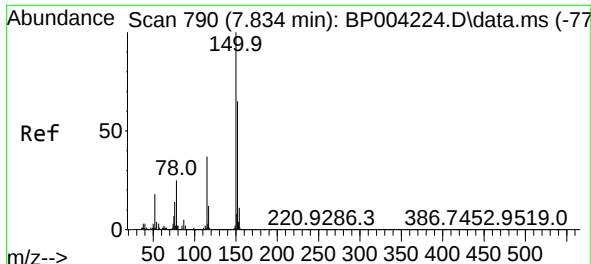
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010721\  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP121120.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 07 14:50:44 2021  
Response via : Initial Calibration

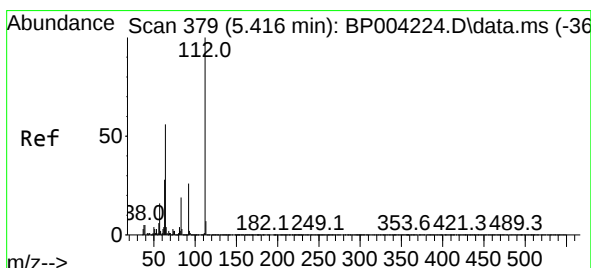
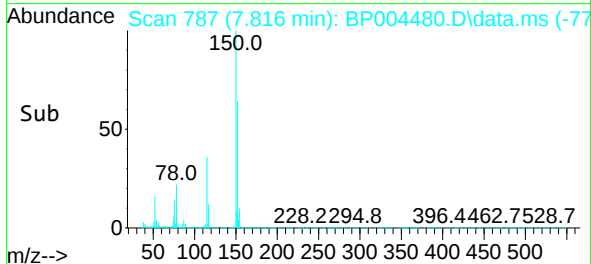
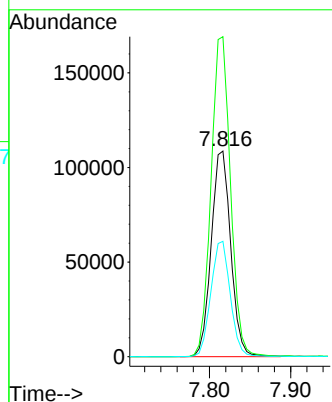
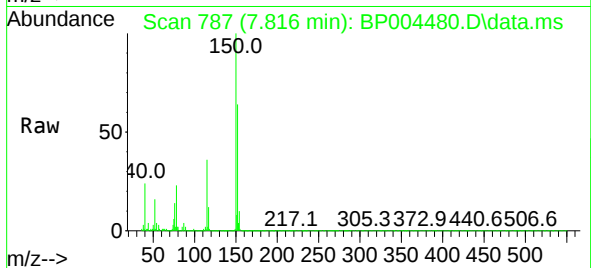




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.816 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

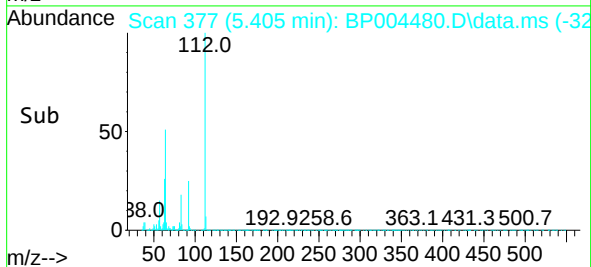
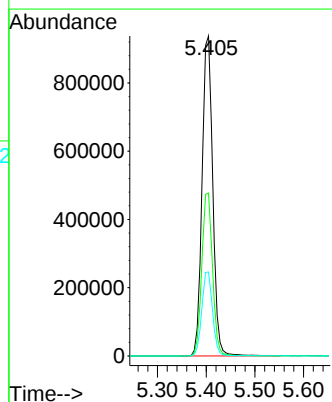
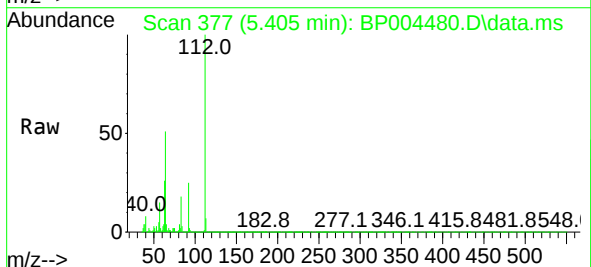
Instrument :  
BNA\_P  
ClientSampleId :  
PB133961BL

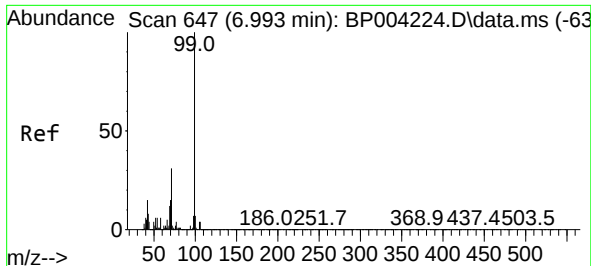
Tgt Ion:152 Resp: 181181  
Ion Ratio Lower Upper  
152 100  
150 155.7 123.8 185.6  
115 56.2 43.8 65.6



#5  
2-Fluorophenol  
Concen: 129.39 ng  
RT: 5.405 min Scan# 377  
Delta R.T. 0.006 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

Tgt Ion:112 Resp: 1430696  
Ion Ratio Lower Upper  
112 100  
64 50.9 32.8 49.2#  
63 26.3 17.0 25.4#

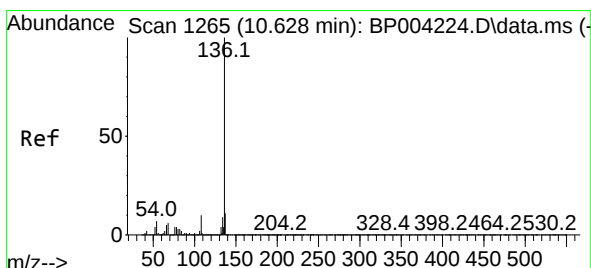
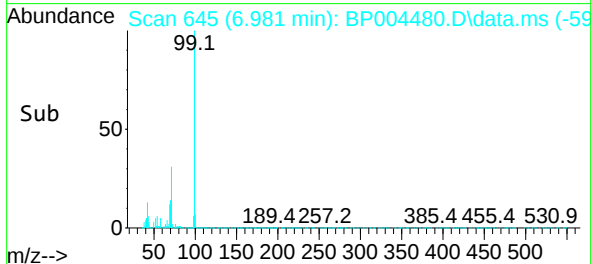
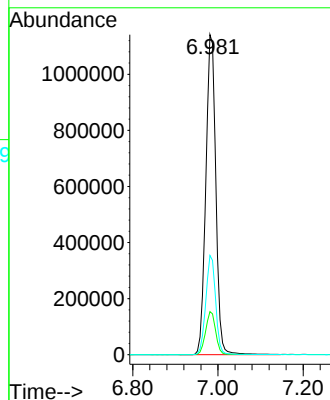
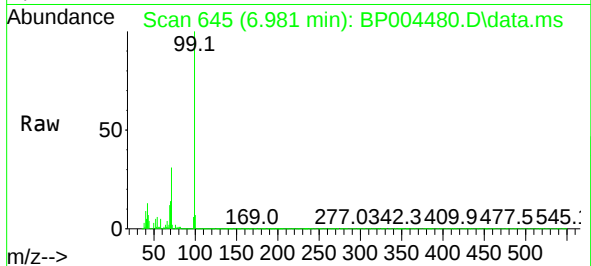




#7  
Phenol-d6  
Concen: 119.48 ng  
RT: 6.981 min Scan# 645  
Delta R.T. -0.006 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

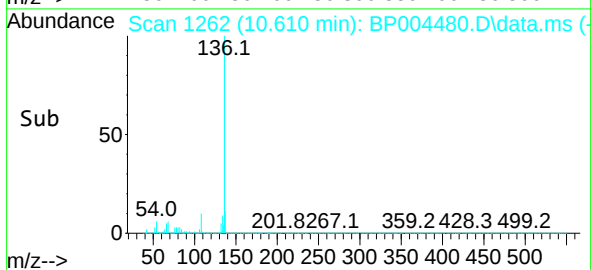
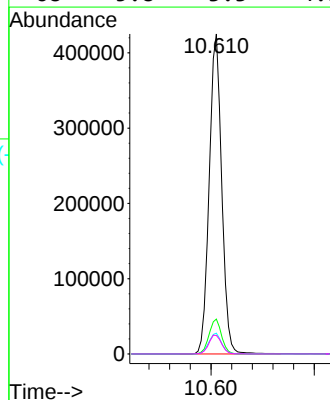
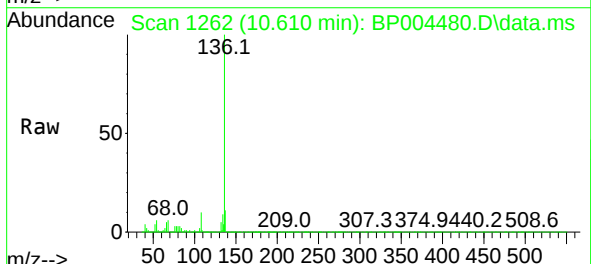
Instrument :  
BNA\_P  
ClientSampleId :  
PB133961BL

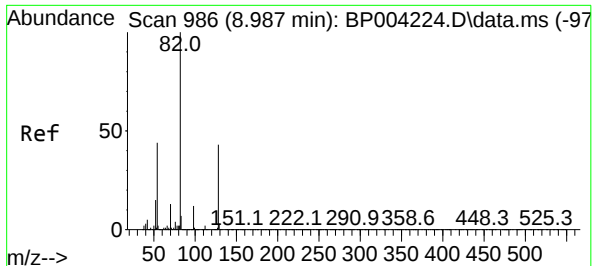
Tgt Ion: 99 Resp: 1859965  
Ion Ratio Lower Upper  
99 100  
42 13.5 8.6 13.0#  
71 31.0 23.4 35.2



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.610 min Scan# 1262  
Delta R.T. 0.000 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

Tgt Ion: 136 Resp: 711281  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 6.5 3.6 5.4#  
68 5.8 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 79.30 ng

RT: 8.969 min Scan# 983

Delta R.T. -0.006 min

Lab File: BP004480.D

Acq: 07 Jan 2021 14:47

Instrument :

BNA\_P

ClientSampleId :

PB133961BL

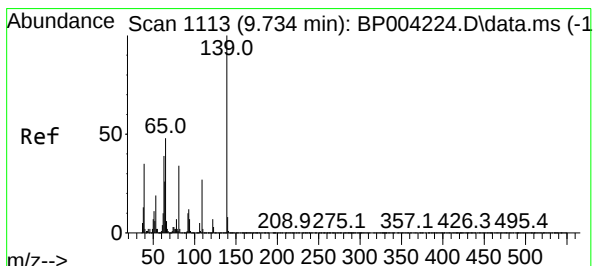
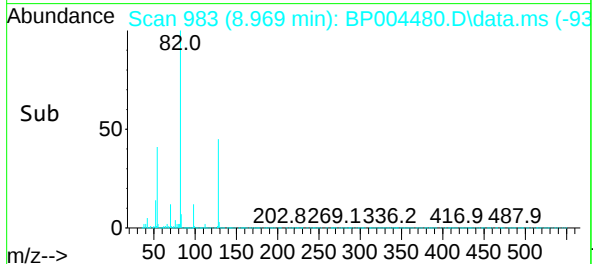
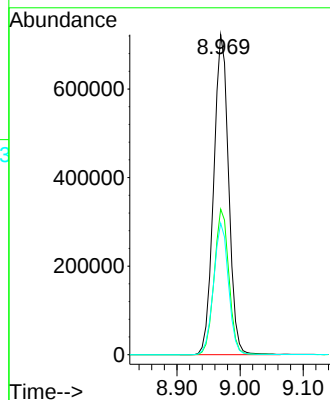
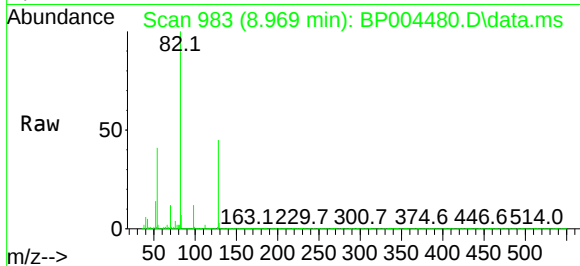
Tgt Ion: 82 Resp: 1186572

Ion Ratio Lower Upper

82 100

128 45.5 45.6 68.4#

54 41.1 30.1 45.1



#26

2-Nitrophenol

Concen: 2.64 ng

RT: 9.710 min Scan# 1109

Delta R.T. -0.018 min

Lab File: BP004480.D

Acq: 07 Jan 2021 14:47

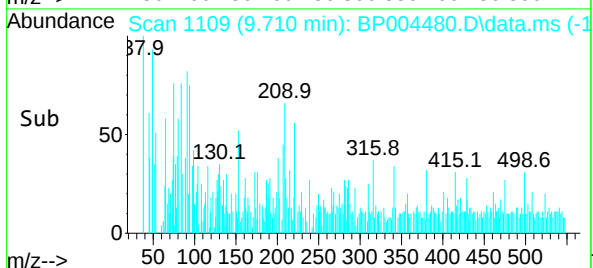
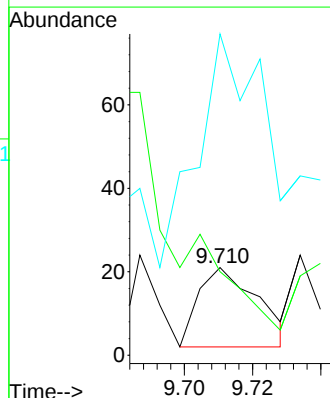
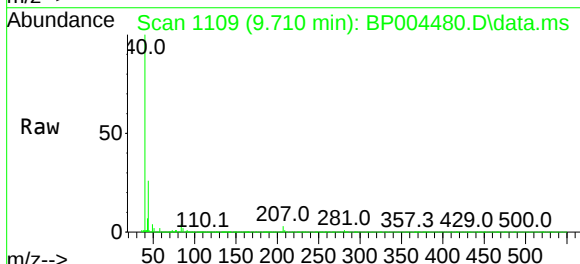
Tgt Ion:139 Resp: 23

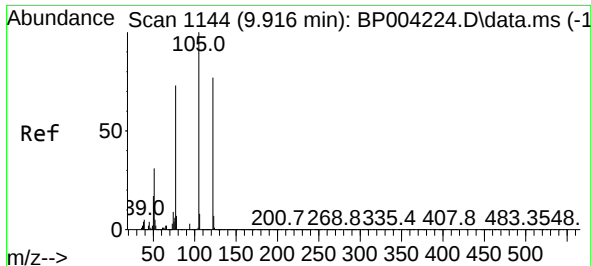
Ion Ratio Lower Upper

139 100

109 69.0 22.1 33.1#

65 265.5 26.5 39.7#

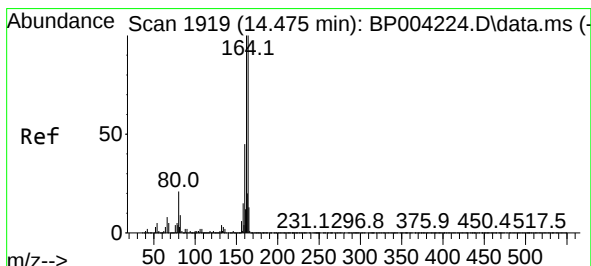
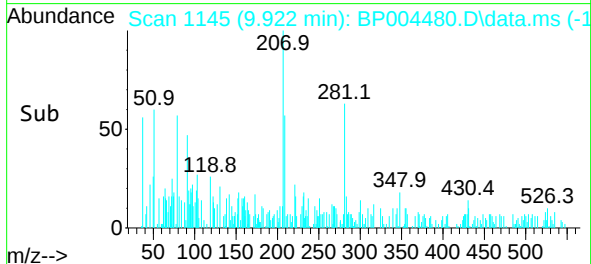
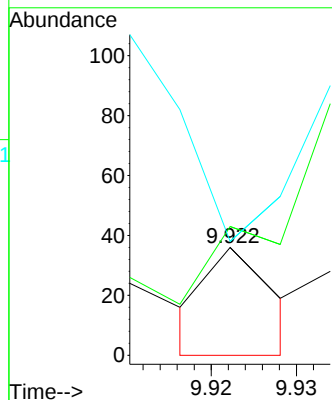
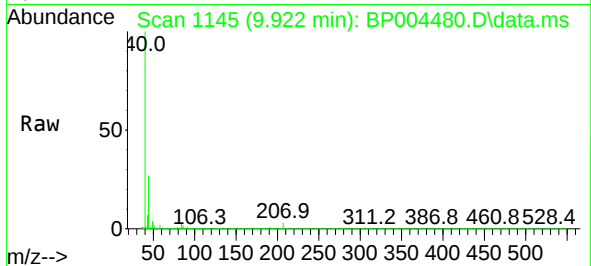




#32  
Benzoic acid  
Concen: 7.26 ng  
RT: 9.922 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

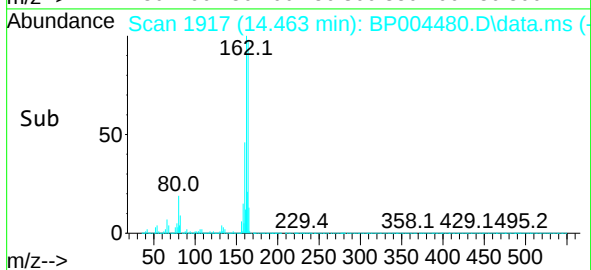
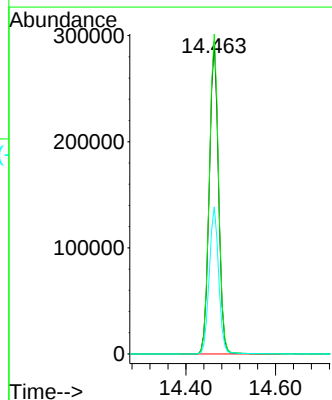
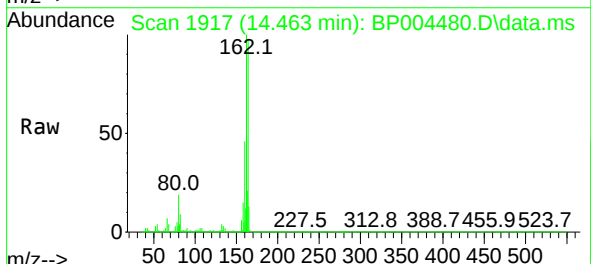
Instrument :  
BNA\_P  
ClientSampled :  
PB133961BL

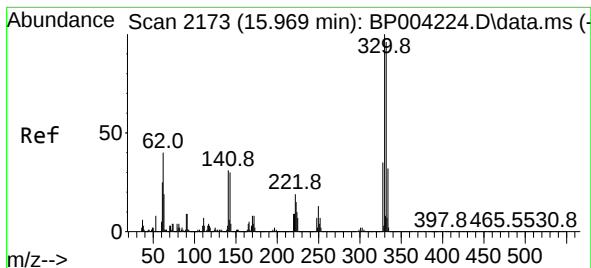
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:122 | Resp: | 19          |
| Ion         | Ratio | Lower Upper |
| 122         | 100   |             |
| 105         | 119.4 | 94.1 134.1  |
| 77          | 105.6 | 50.1 90.1#  |



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.463 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 420264      |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 162         | 102.4 | 79.4 119.2  |
| 160         | 47.0  | 36.1 54.1   |

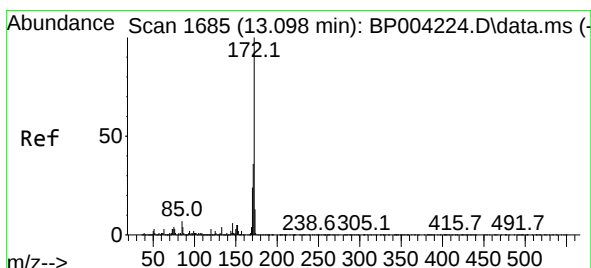
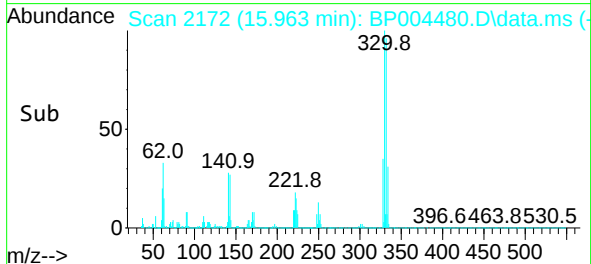
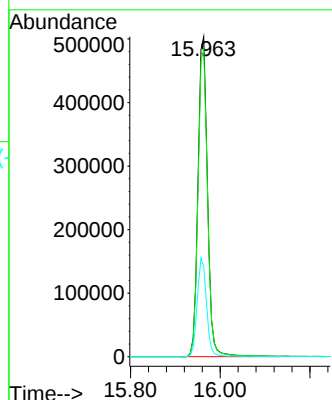
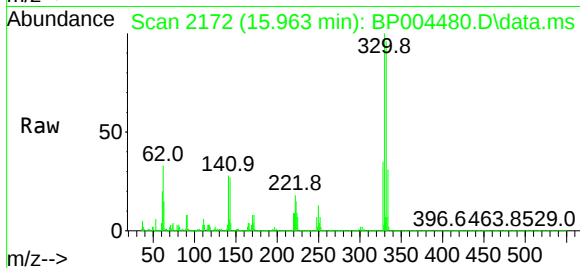




#42  
2,4,6-Tribromophenol  
Concen: 132.08 ng  
RT: 15.963 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

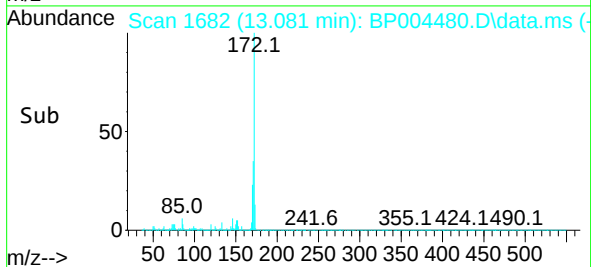
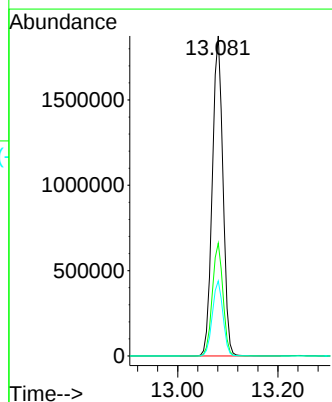
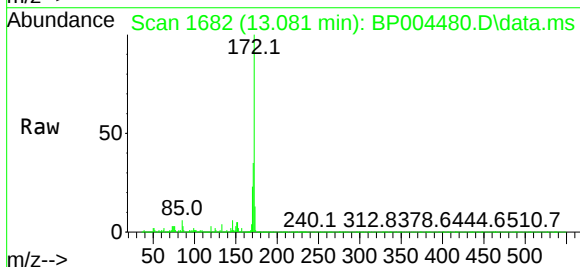
Instrument :  
BNA\_P  
ClientSampleId :  
PB133961BL

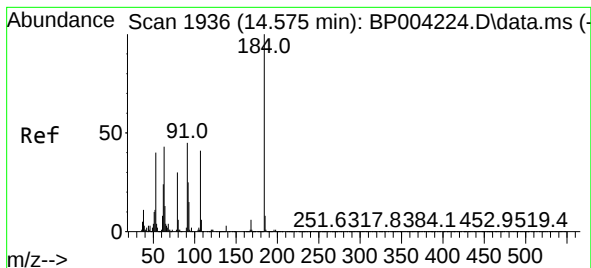
Tgt Ion:330 Resp: 740674  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.1 115.7  
141 30.5 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 83.24 ng  
RT: 13.081 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

Tgt Ion:172 Resp: 2760372  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.5 42.7  
170 23.5 19.2 28.8

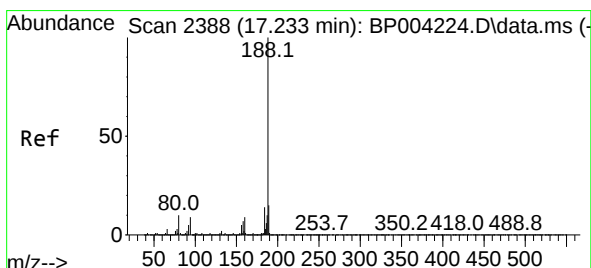
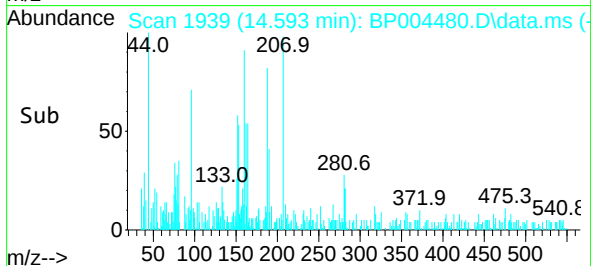
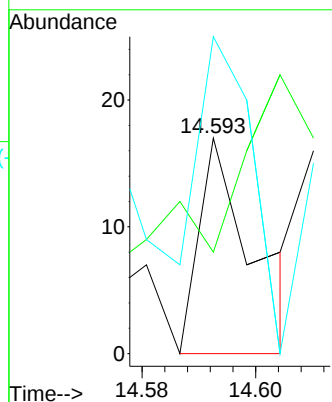
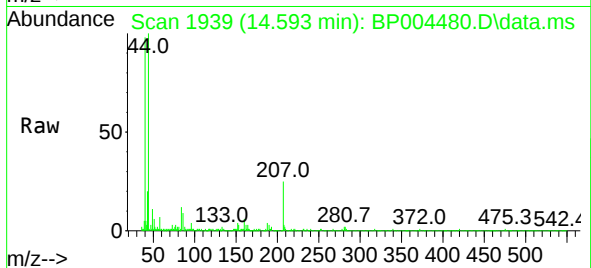




#54  
2,4-Dinitrophenol  
Concen: 5.28 ng  
RT: 14.593 min Scan# 1939  
Delta R.T. 0.006 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

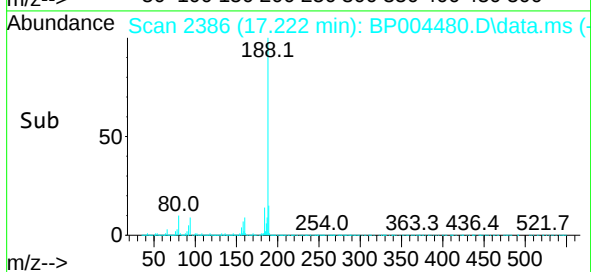
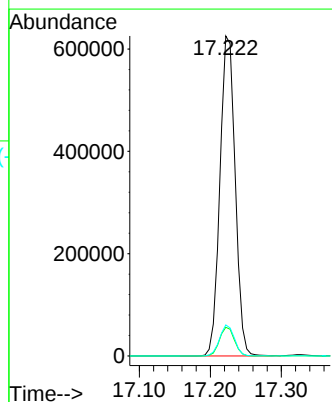
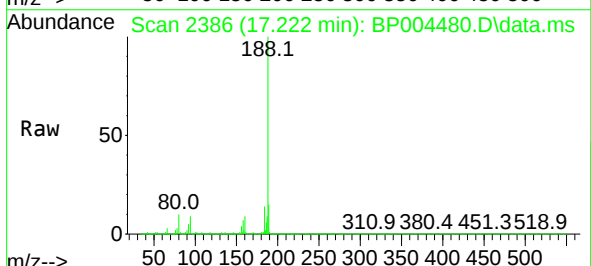
Instrument :  
BNA\_P  
ClientSampleId :  
PB133961BL

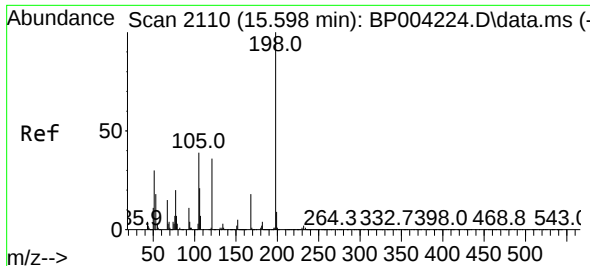
Tgt Ion:184 Resp: 11  
Ion Ratio Lower Upper  
184 100  
63 47.1 32.3 48.5  
154 147.1 49.1 73.7#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.222 min Scan# 2386  
Delta R.T. -0.006 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

Tgt Ion:188 Resp: 930191  
Ion Ratio Lower Upper  
188 100  
94 8.9 6.2 9.2  
80 9.7 6.2 9.2#

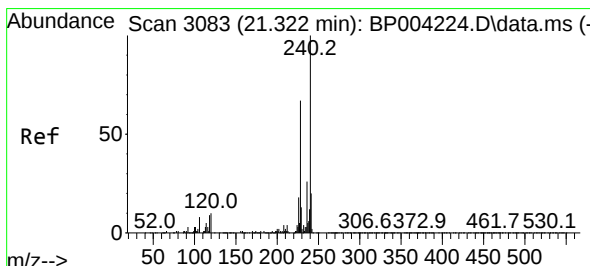
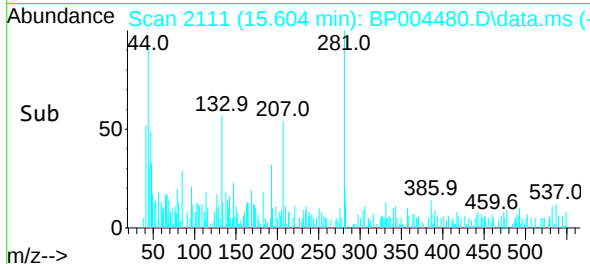
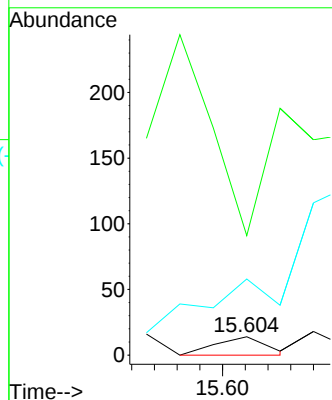
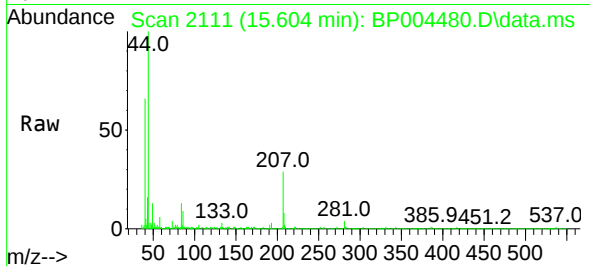




#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.16 ng  
RT: 15.604 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

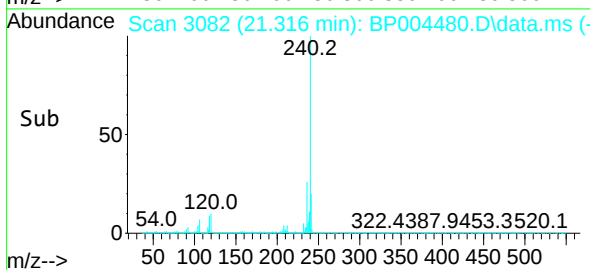
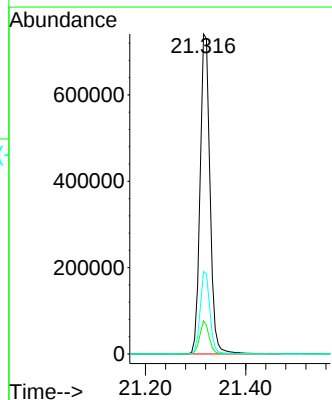
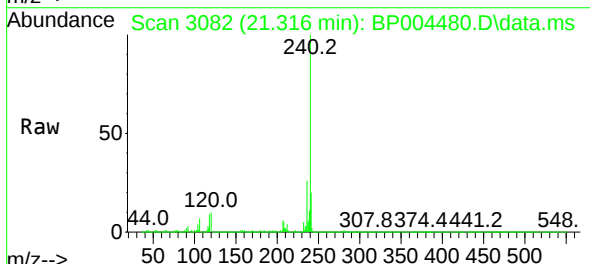
Instrument :  
BNA\_P  
ClientSampleId :  
PB133961BL

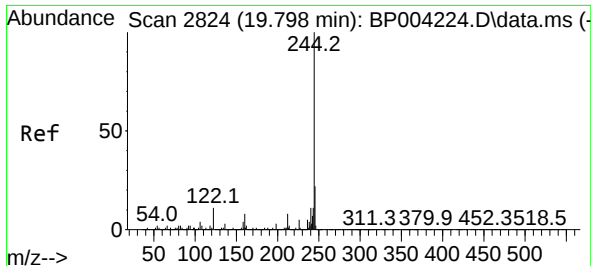
Tgt Ion:198 Resp: 9  
Ion Ratio Lower Upper  
198 100  
51 650.0 6.4 46.4#  
105 514.3 18.9 58.9#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.316 min Scan# 3082  
Delta R.T. -0.006 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

Tgt Ion:240 Resp: 1011280  
Ion Ratio Lower Upper  
240 100  
120 10.3 7.8 11.6  
236 25.8 20.8 31.2

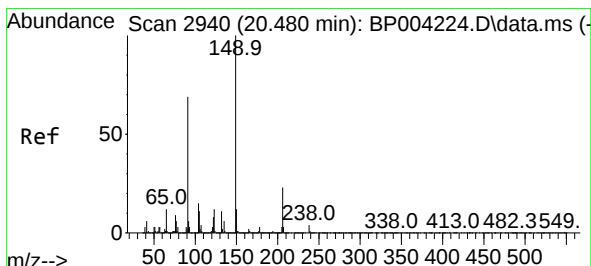
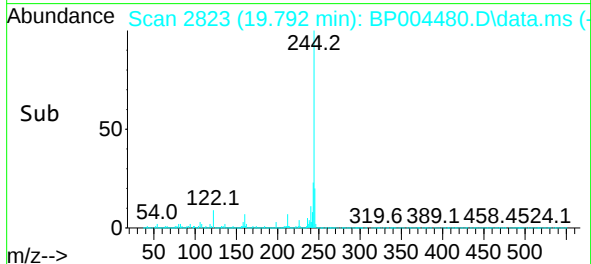
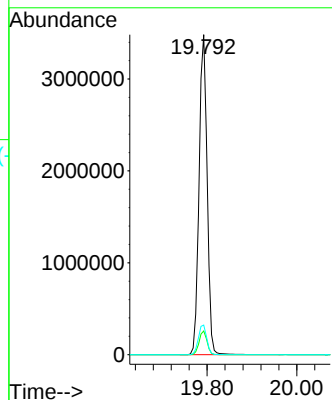
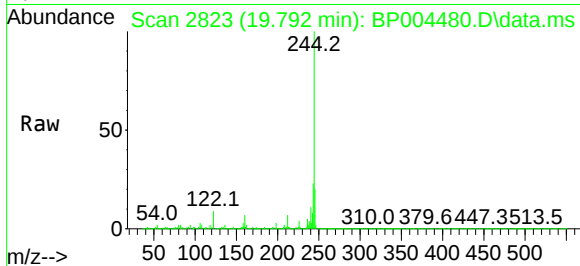




#79  
Terphenyl-d14  
Concen: 82.26 ng  
RT: 19.792 min Scan# 2823  
Delta R.T. 0.000 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

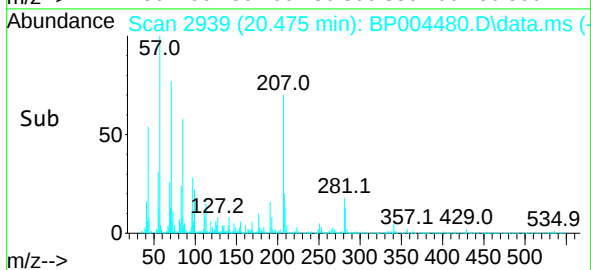
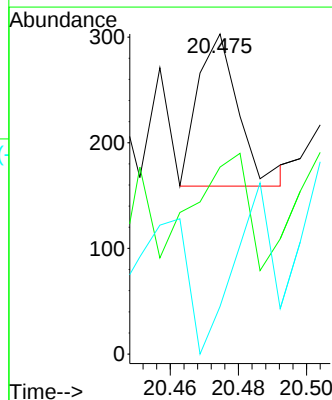
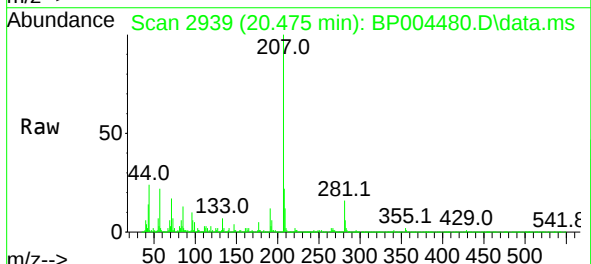
Instrument :  
BNA\_P  
ClientSampleId :  
PB133961BL

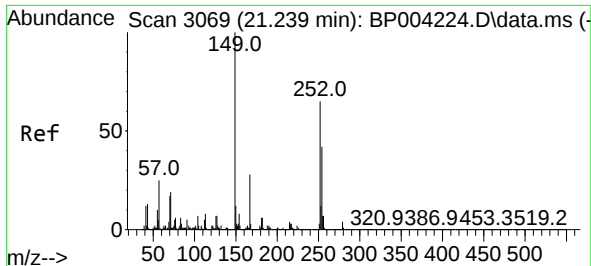
Tgt Ion:244 Resp: 4340714  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.8 8.6  
122 9.2 7.8 11.8



#80  
Butylbenzylphthalate  
Concen: 3.57 ng  
RT: 20.475 min Scan# 2939  
Delta R.T. 0.006 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

Tgt Ion:149 Resp: 121  
Ion Ratio Lower Upper  
149 100  
91 58.4 45.4 68.0  
206 14.9 17.1 25.7#

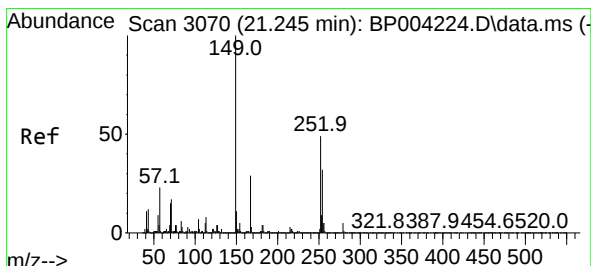
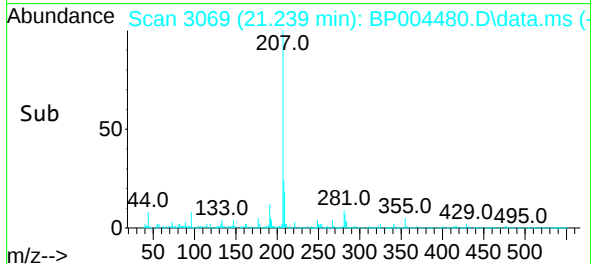
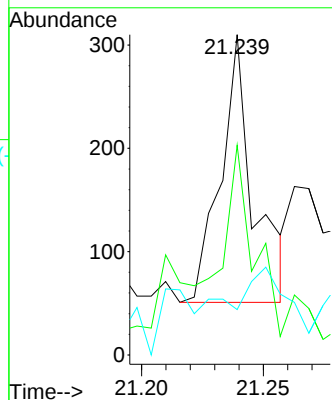
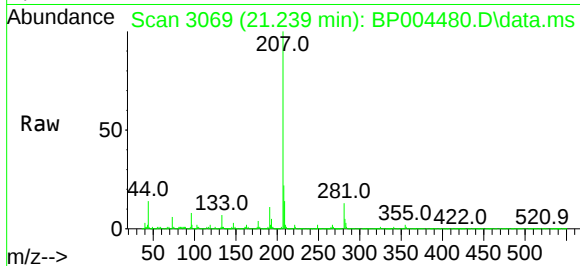




#82  
3,3'-Dichlorobenzidine  
Concen: 3.14 ng  
RT: 21.239 min Scan# 3069  
Delta R.T. 0.000 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

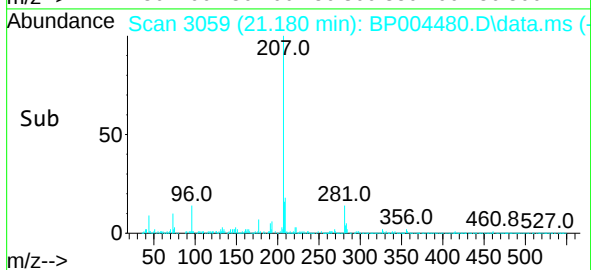
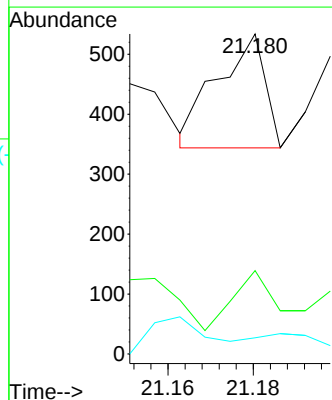
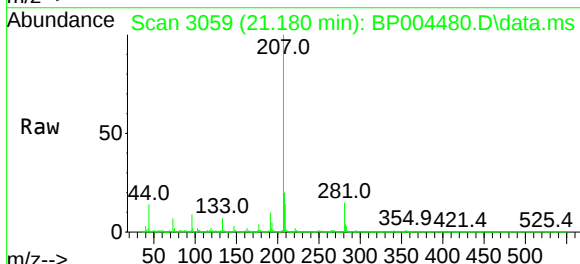
Instrument :  
BNA\_P  
ClientSampleID :  
PB133961BL

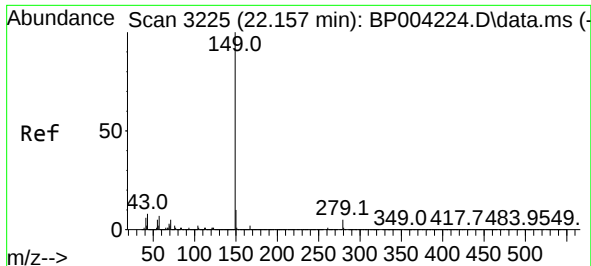
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 243       |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 254         | 65.5  | 51.0 76.4 |
| 126         | 20.3  | 7.9 11.9# |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.42 ng  
RT: 21.180 min Scan# 3059  
Delta R.T. -0.047 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 148       |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 26.0  | 22.6 34.0 |
| 279         | 5.1   | 4.2 6.2   |

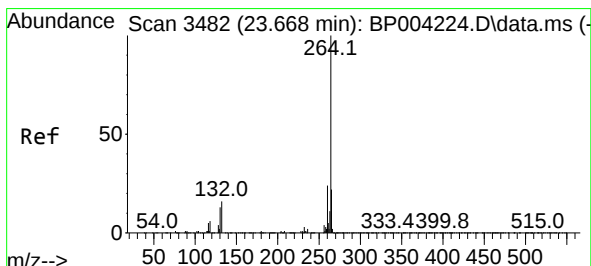
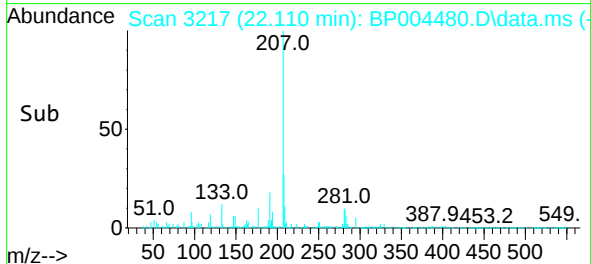
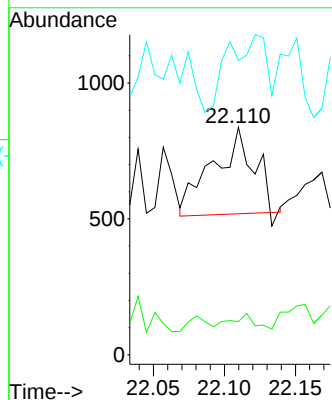
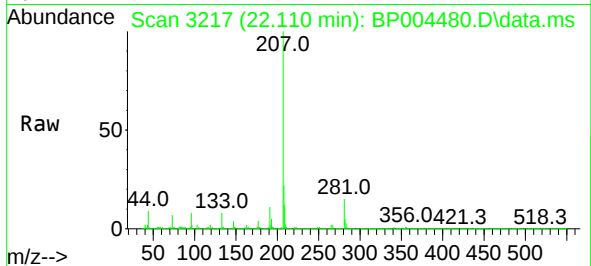




#85  
Di-n-octyl phthalate  
Concen: 4.51 ng  
RT: 22.110 min Scan# 3217  
Delta R.T. -0.029 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

Instrument :  
BNA\_P  
ClientSampleId :  
PB133961BL

Tgt Ion:149 Resp: 629  
Ion Ratio Lower Upper  
149 100  
167 9.7 1.3 1.9#  
43 37.4 3.7 5.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.669 min Scan# 3482  
Delta R.T. -0.006 min  
Lab File: BP004480.D  
Acq: 07 Jan 2021 14:47

Tgt Ion:264 Resp: 1037557  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.8 28.2  
265 22.0 17.4 26.2

