

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102020\  
 Data File : BP003675.D  
 Acq On : 20 Oct 2020 11:24  
 Operator : CG/JU  
 Sample : PB132384BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB132384BL

Quant Time: Oct 20 12:02:15 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP101920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 19 14:54:24 2020  
 Response via : Initial Calibration

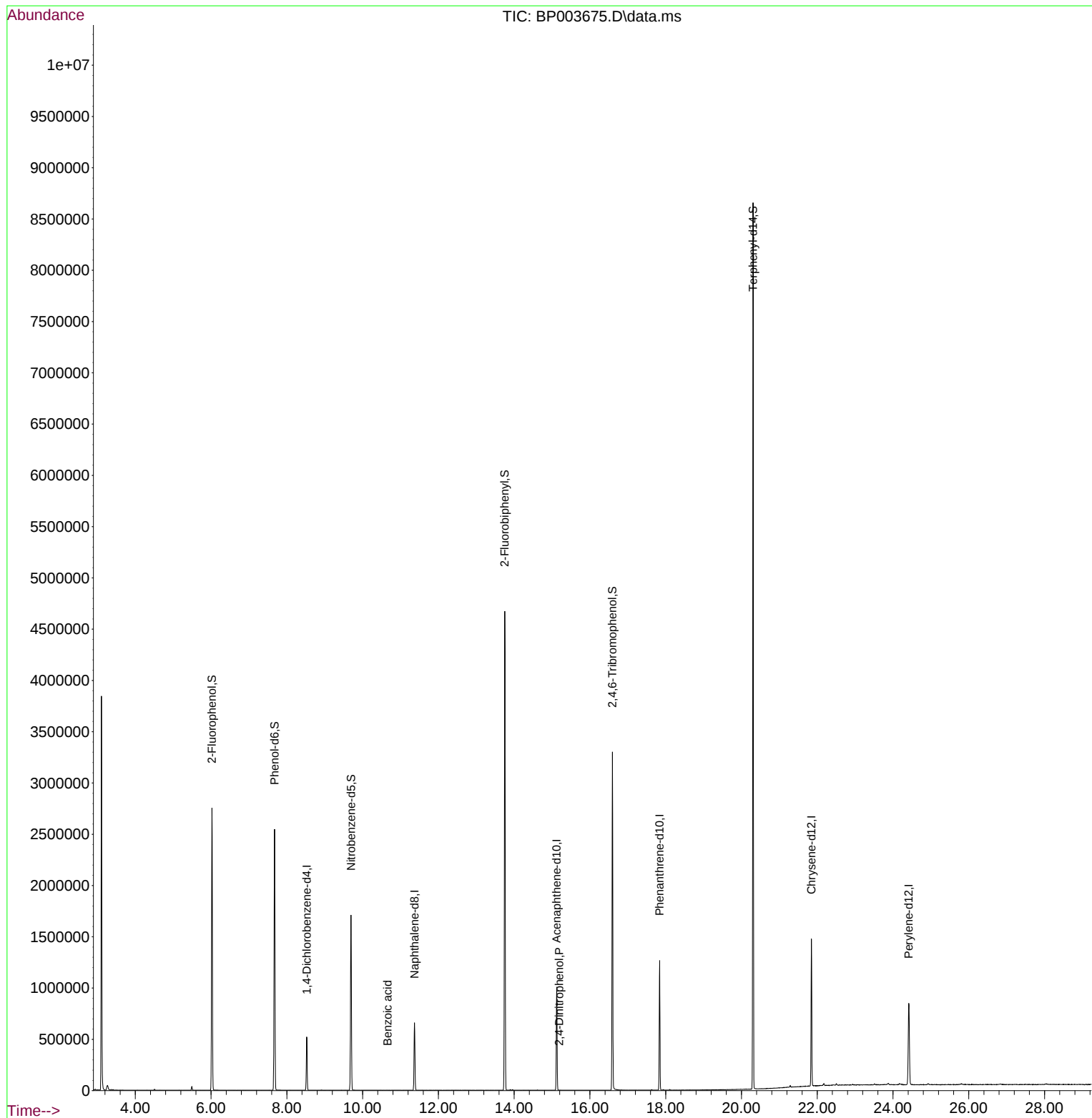
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.528  | 152  | 135057   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.369 | 136  | 496262   | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 15.122 | 164  | 326875   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.840 | 188  | 718310   | 20.00     | ng    | 0.00     |
| 76) Chrysene-d12            | 21.845 | 240  | 734299   | 20.00     | ng    | # 0.00   |
| 86) Perylene-d12            | 24.416 | 264  | 672754   | 20.00     | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 6.022  | 112  | 1092153  | 135.22    | ng    | 0.00     |
| 7) Phenol-d6                | 7.675  | 99   | 1400281  | 122.71    | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.693  | 82   | 1001749  | 85.39     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.593 | 330  | 615619   | 120.72    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.751 | 172  | 2234560  | 88.38     | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.304 | 244  | 3548990  | 85.00     | ng    | 0.00     |
| Target Compounds            |        |      |          |           |       |          |
| 9) Benzaldehyde             | 7.681  | 77   | 3228     | Below Cal | #     | 1        |
| 32) Benzoic acid            | 10.658 | 122  | 10       | 5.04 ng   | #     | 51       |
| 54) 2,4-Dinitrophenol       | 15.187 | 184  | 7        | 4.83 ng   | #     | 1        |
| -----                       |        |      |          |           |       |          |

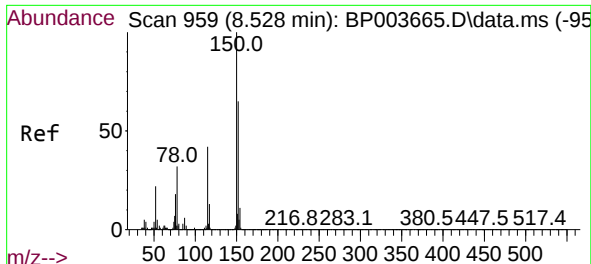
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102020\  
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Quant Time: Oct 20 12:02:15 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP101920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 19 14:54:24 2020  
Response via : Initial Calibration

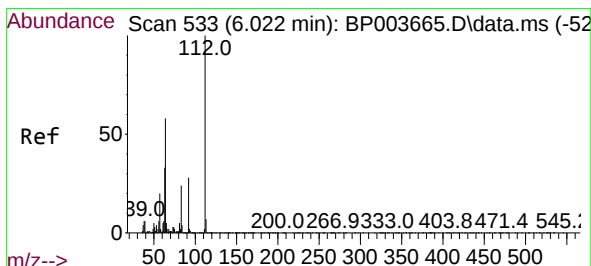
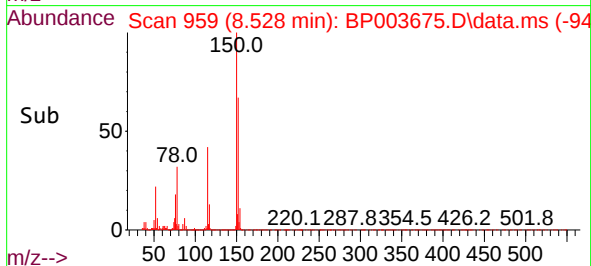
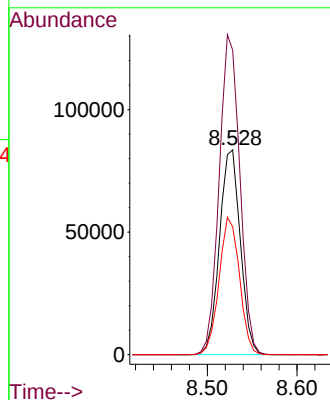
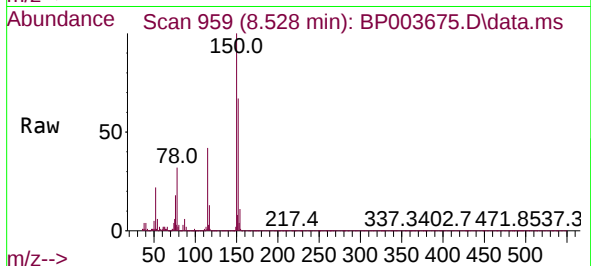




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.528 min Scan# 959  
Delta R.T. 0.000 min  
Lab File: BP003675.D  
Acq: 20 Oct 2020 11:24

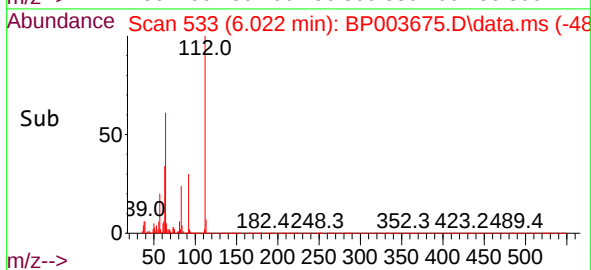
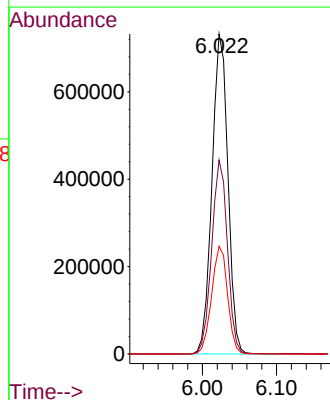
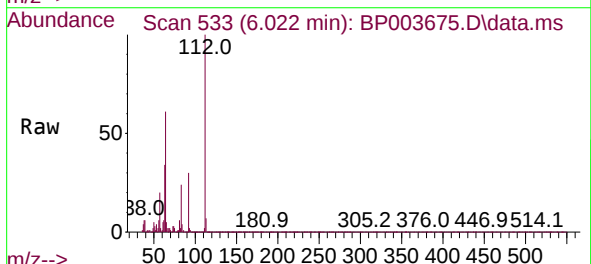
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BNA\_P  
ClientSampleId :  
PB132384BL

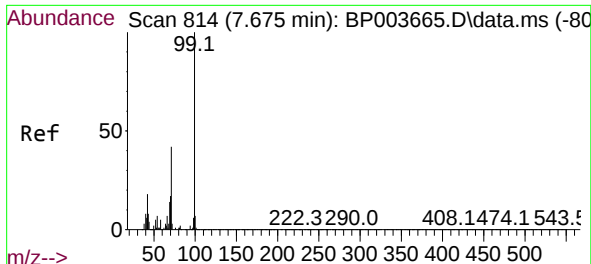
Tgt Ion:152 Resp: 135057  
Ion Ratio Lower Upper  
152 100  
150 148.7 123.8 185.6  
115 62.5 43.8 65.6



#5  
2-Fluorophenol  
Concen: 135.22 ng  
RT: 6.022 min Scan# 533  
Delta R.T. 0.000 min  
Lab File: BP003675.D  
Acq: 20 Oct 2020 11:24

Tgt Ion:112 Resp: 1092153  
Ion Ratio Lower Upper  
112 100  
64 60.6 32.8 49.2#  
63 33.7 17.0 25.4#



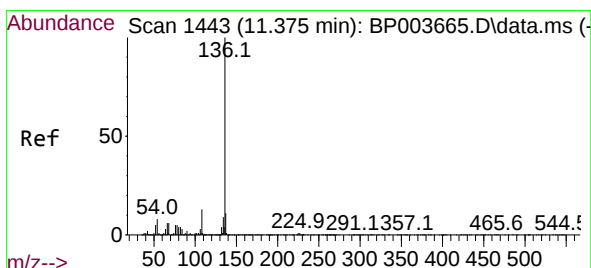
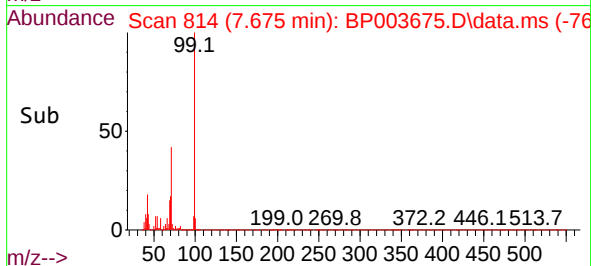
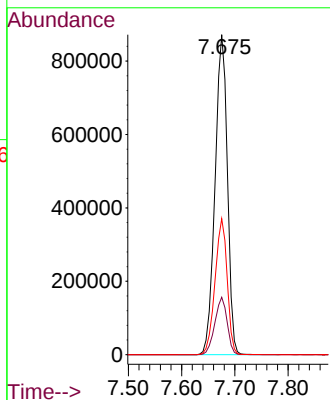
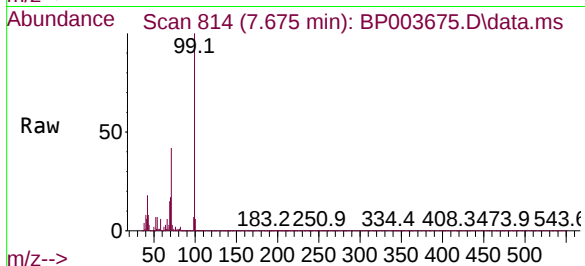


#7  
Phenol-d6  
Concen: 122.71 ng  
RT: 7.675 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BP003675.D  
Acq: 20 Oct 2020 11:24

Instrument :  
BNA\_P  
ClientSampleId :  
PB132384BL

Tgt Ion: 99 Resp: 1400281

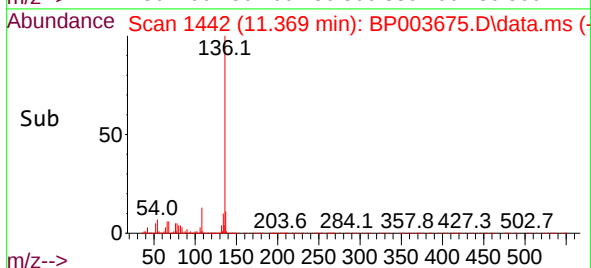
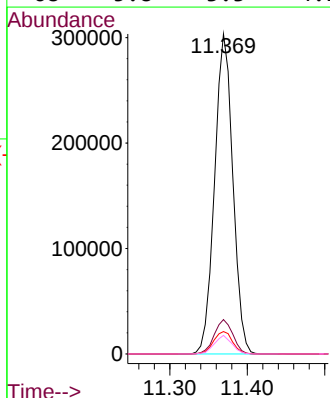
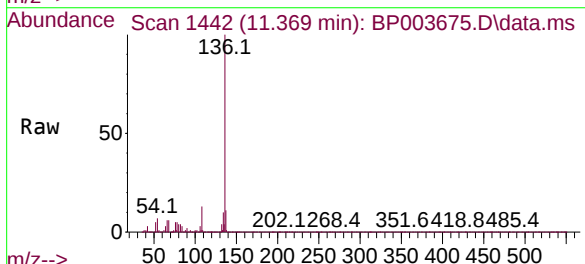
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.0  | 8.6   | 13.0# |
| 71  | 42.5  | 23.4  | 35.2# |

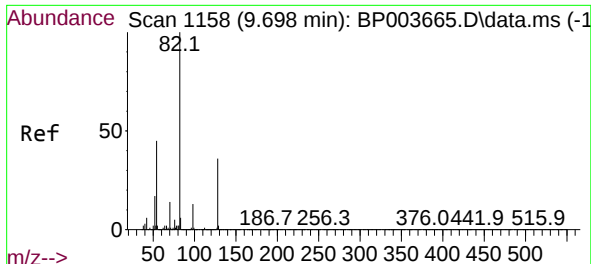


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.369 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: BP003675.D  
Acq: 20 Oct 2020 11:24

Tgt Ion: 136 Resp: 496262

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.6   | 13.0  |
| 54  | 7.0   | 3.6   | 5.4#  |
| 68  | 5.8   | 3.3   | 4.9#  |

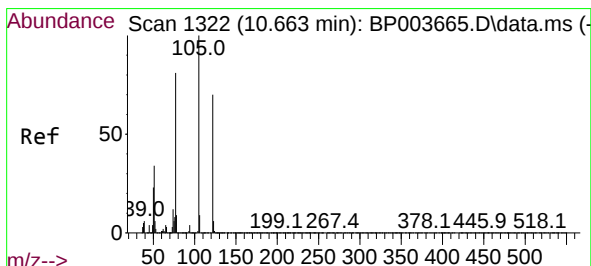
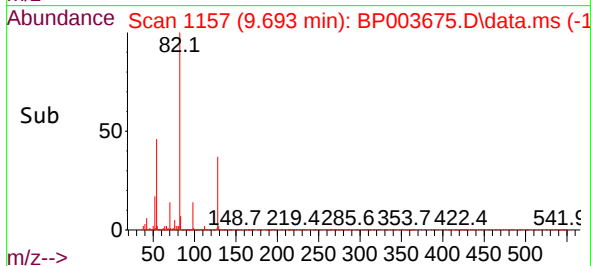
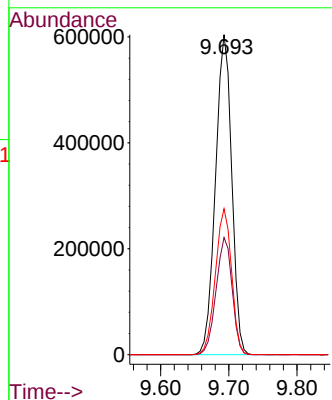
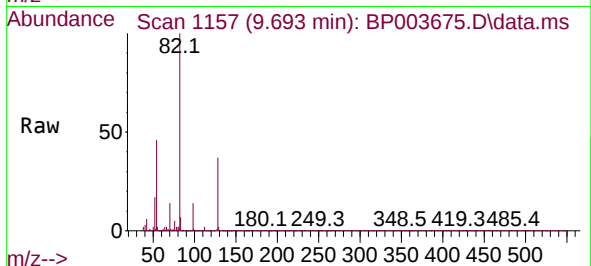




#23  
Nitrobenzene-d5  
Concen: 85.39 ng  
RT: 9.693 min Scan# 1157  
Delta R.T. -0.005 min  
Lab File: BP003675.D  
Acq: 20 Oct 2020 11:24

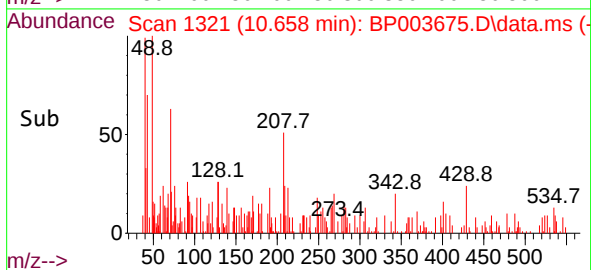
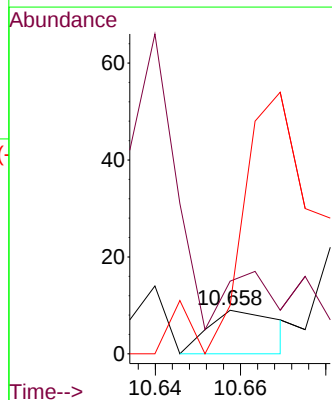
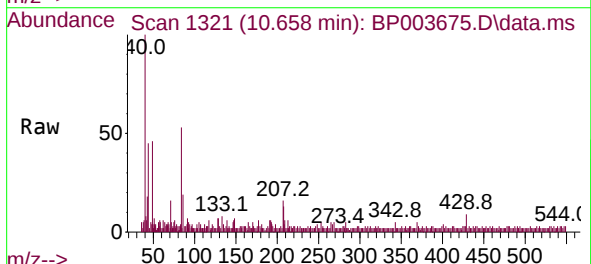
Instrument :  
BNA\_P  
ClientSampleId :  
PB132384BL

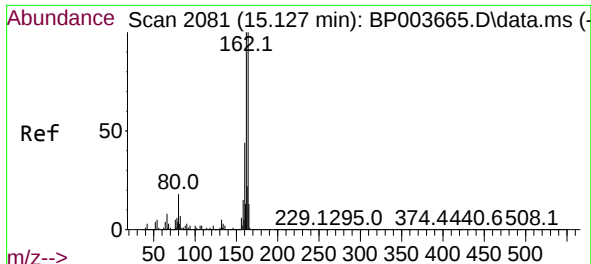
Tgt Ion: 82 Resp: 1001749  
Ion Ratio Lower Upper  
82 100  
128 36.6 45.6 68.4#  
54 45.6 30.1 45.1#



#32  
Benzoic acid  
Concen: 5.04 ng  
RT: 10.658 min Scan# 1321  
Delta R.T. -0.005 min  
Lab File: BP003675.D  
Acq: 20 Oct 2020 11:24

Tgt Ion: 122 Resp: 10  
Ion Ratio Lower Upper  
122 100  
105 166.7 94.1 134.1#  
77 111.1 50.1 90.1#

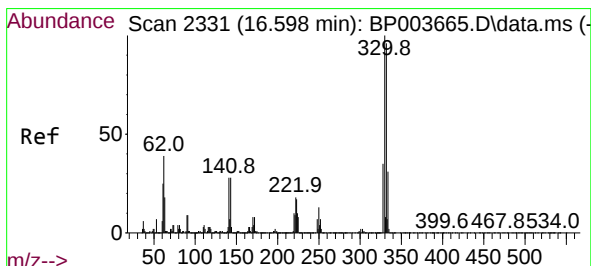
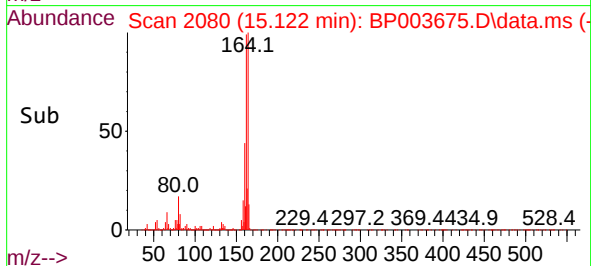
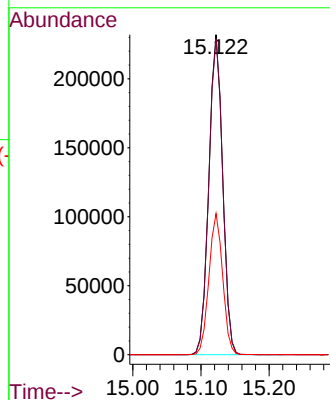
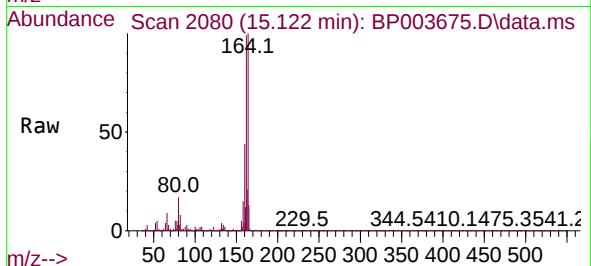




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.122 min Scan# 2080  
Delta R.T. -0.005 min  
Lab File: BP003675.D  
Acq: 20 Oct 2020 11:24

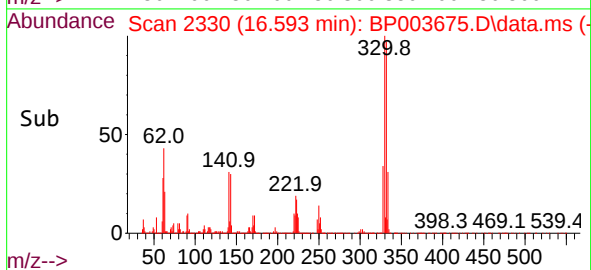
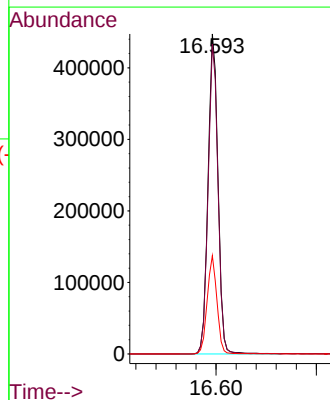
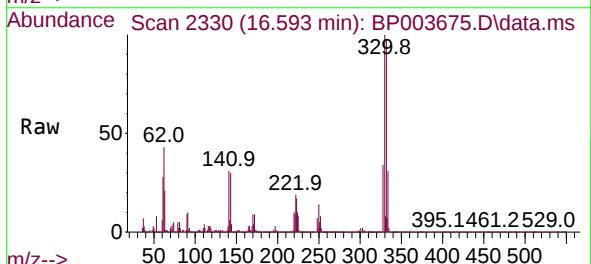
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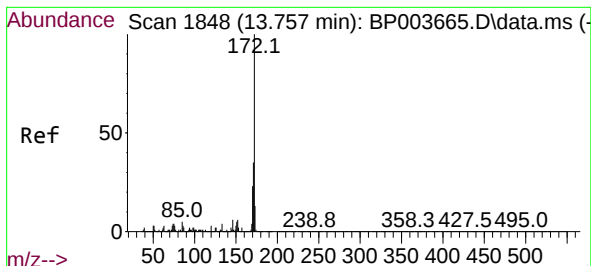
Tgt Ion:164 Resp: 326875  
Ion Ratio Lower Upper  
164 100  
162 98.8 79.4 119.2  
160 44.1 36.1 54.1



#42  
2,4,6-Tribromophenol  
Concen: 120.72 ng  
RT: 16.593 min Scan# 2330  
Delta R.T. -0.005 min  
Lab File: BP003675.D  
Acq: 20 Oct 2020 11:24

Tgt Ion:330 Resp: 615619  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.1 115.7  
141 30.2 23.4 35.2

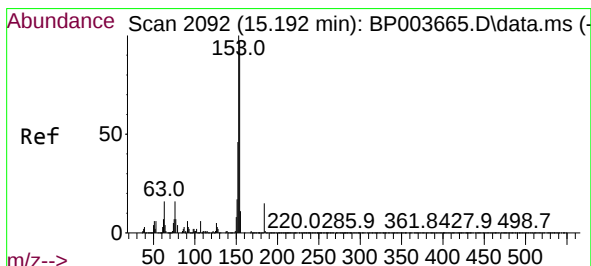
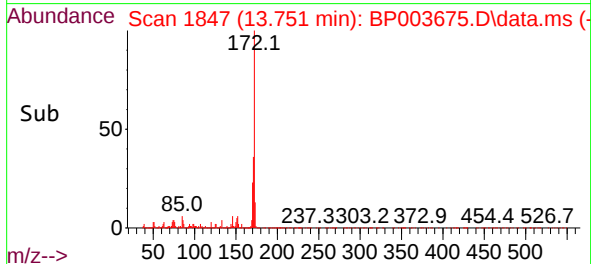
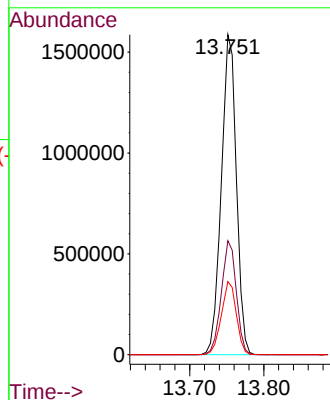
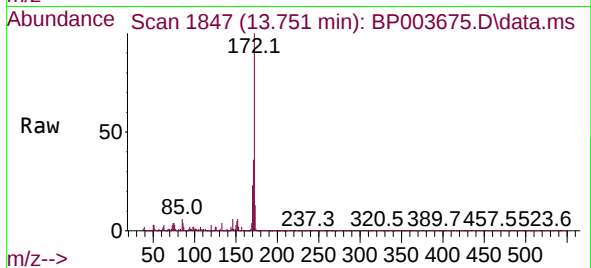




#45  
2-Fluorobiphenyl  
Concen: 88.38 ng  
RT: 13.751 min Scan# 1847  
Delta R.T. -0.005 min  
Lab File: BP003675.D  
Acq: 20 Oct 2020 11:24

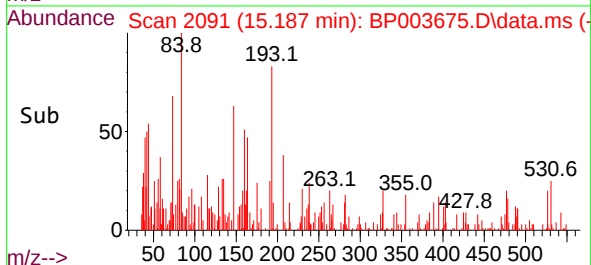
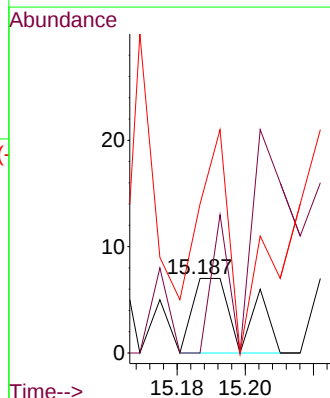
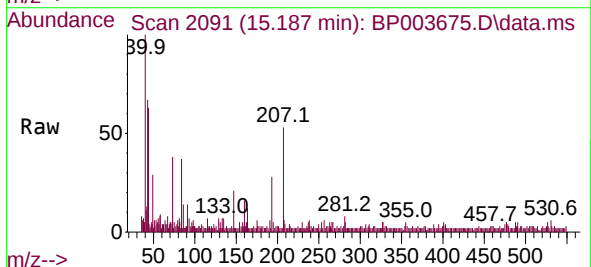
Instrument :  
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ClientSampleId :  
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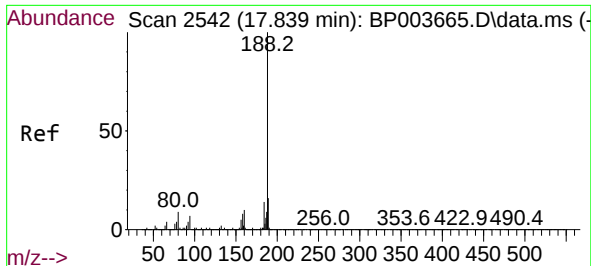
Tgt Ion:172 Resp: 2234560  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.5 42.7  
170 22.9 19.2 28.8



#54  
2,4-Dinitrophenol  
Concen: 4.83 ng  
RT: 15.187 min Scan# 2091  
Delta R.T. -0.005 min  
Lab File: BP003675.D  
Acq: 20 Oct 2020 11:24

Tgt Ion:184 Resp: 7  
Ion Ratio Lower Upper  
184 100  
63 0.0 32.3 48.5#  
154 200.0 49.1 73.7#

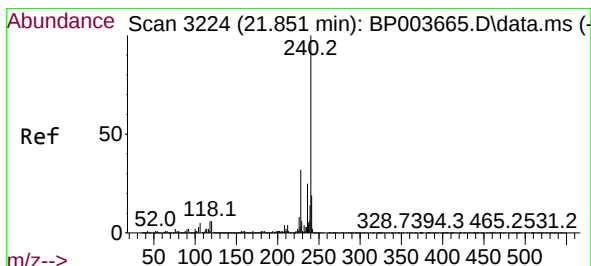
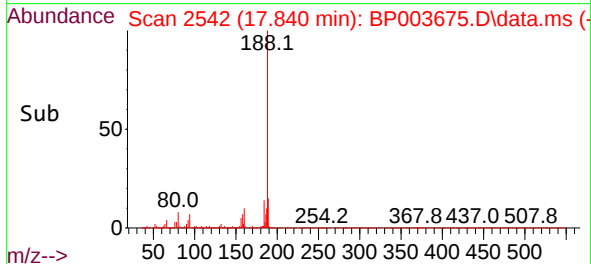
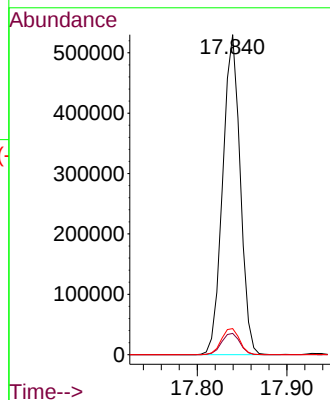
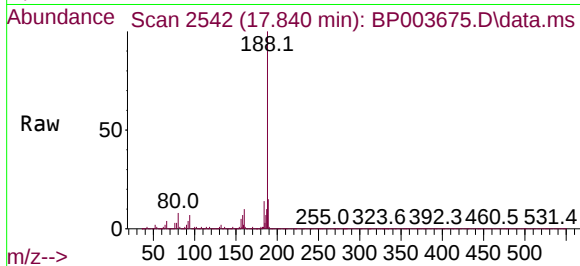




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.840 min Scan# 2542  
Delta R.T. 0.000 min  
Lab File: BP003675.D  
Acq: 20 Oct 2020 11:24

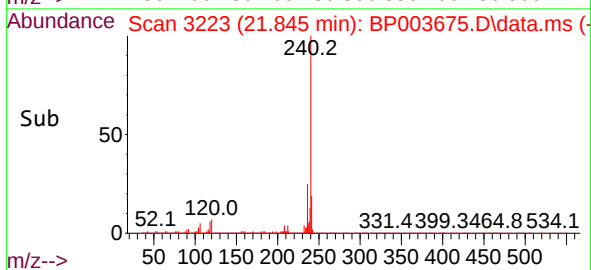
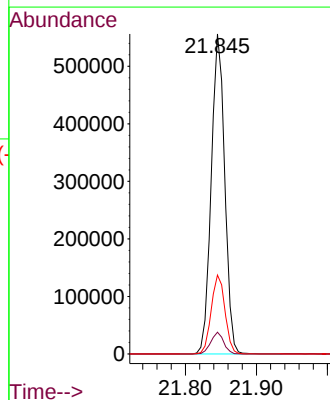
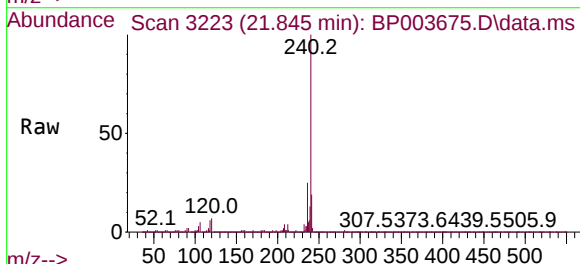
Instrument :  
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ClientSampleId :  
PB132384BL

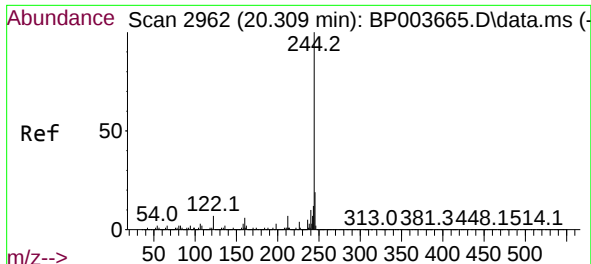
Tgt Ion:188 Resp: 718310  
Ion Ratio Lower Upper  
188 100  
94 6.7 6.2 9.2  
80 8.2 6.2 9.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.845 min Scan# 3223  
Delta R.T. -0.005 min  
Lab File: BP003675.D  
Acq: 20 Oct 2020 11:24

Tgt Ion:240 Resp: 734299  
Ion Ratio Lower Upper  
240 100  
120 6.8 7.8 11.6#  
236 24.7 20.8 31.2

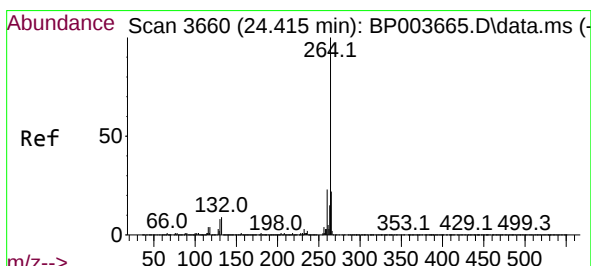
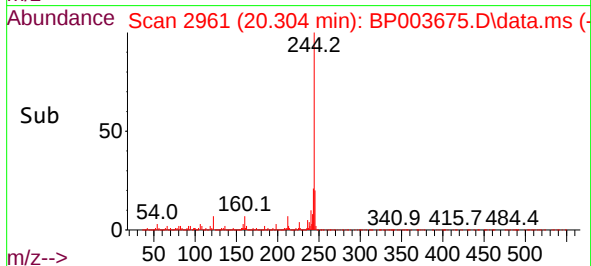
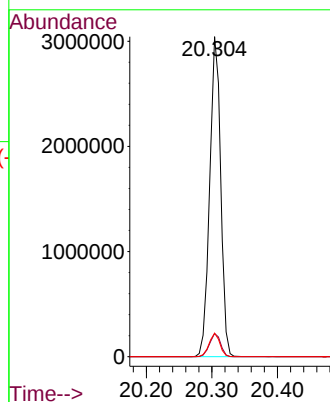
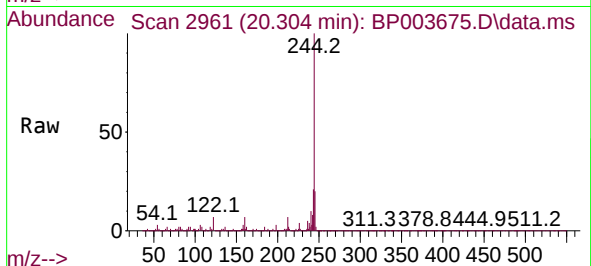




#79  
 Terphenyl-d14  
 Concen: 85.00 ng  
 RT: 20.304 min Scan# 2961  
 Delta R.T. -0.005 min  
 Lab File: BP003675.D  
 Acq: 20 Oct 2020 11:24

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB132384BL

Tgt Ion:244 Resp: 3548990  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.6  
 122 7.4 7.8 11.8#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.416 min Scan# 3660  
 Delta R.T. 0.000 min  
 Lab File: BP003675.D  
 Acq: 20 Oct 2020 11:24

Tgt Ion:264 Resp: 672754  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 18.8 28.2  
 265 21.5 17.4 26.2

