

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\  
 Data File : BP002938.D  
 Acq On : 07 Aug 2020 18:35  
 Operator : CG/JU  
 Sample : L3508-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TR-04-080620

Quant Time: Aug 07 19:08:14 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 30 15:30:34 2020  
 Response via : Initial Calibration

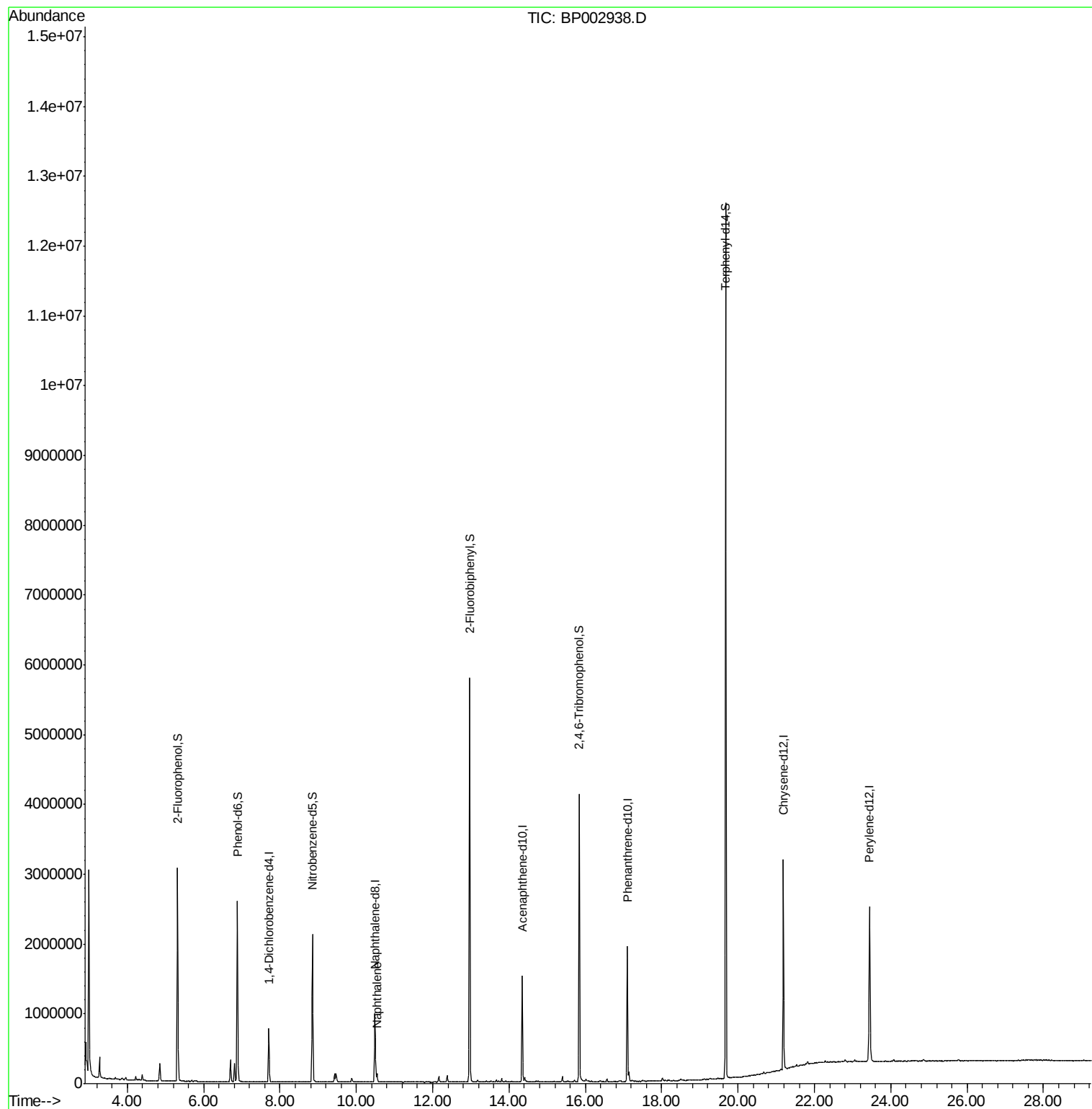
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.71  | 152  | 238772   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.49 | 136  | 876752   | 20.00  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 14.35 | 164  | 533641   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 17.10 | 188  | 1200736  | 20.00  | ng    | -0.01     |
| 76) Chrysene-d12            | 21.19 | 240  | 1412653  | 20.00  | ng    | -0.01     |
| 86) Perylene-d12            | 23.44 | 264  | 1614214  | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.32  | 112  | 1591828  | 102.03 | ng    | 0.00      |
| 7) Phenol-d6                | 6.88  | 99   | 1752027  | 80.89  | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 8.85  | 82   | 1248440  | 77.12  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 15.84 | 330  | 903005   | 136.15 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 12.97 | 172  | 3160113  | 80.91  | ng    | -0.01     |
| 79) Terphenyl-d14           | 19.67 | 244  | 5384129  | 76.30  | ng    | -0.01     |
| Target Compounds            |       |      |          |        |       |           |
| 31) Naphthalene             | 10.54 | 128  | 111676   | 2.225  | ng    | Qvalue 99 |

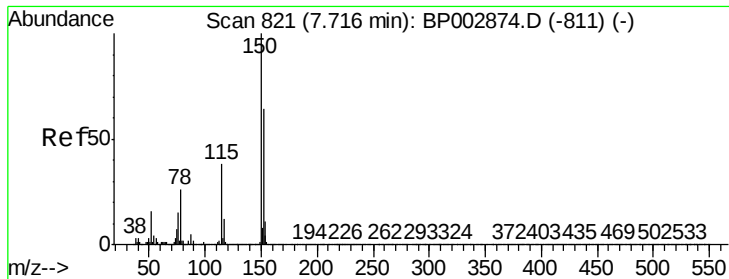
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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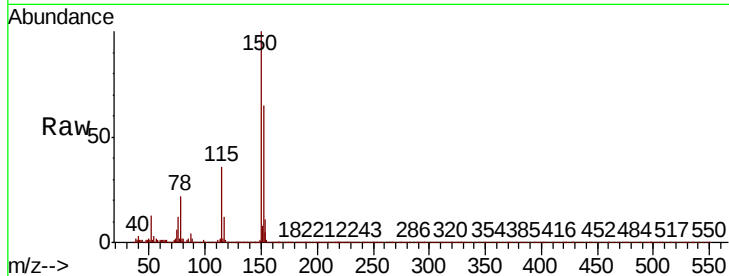


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.71 min Scan# 820  
Delta R.T. -0.01 min  
Lab File: BP002938.D  
Acq: 07 Aug 2020 18:35

Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-080620

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.2 | 124.8 | 187.2 |
| 115     | 55.7  | 47.4  | 71.2  |

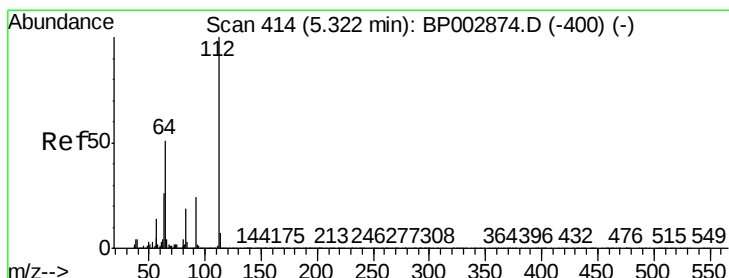
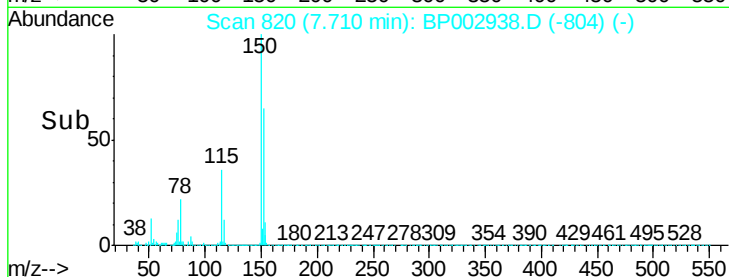
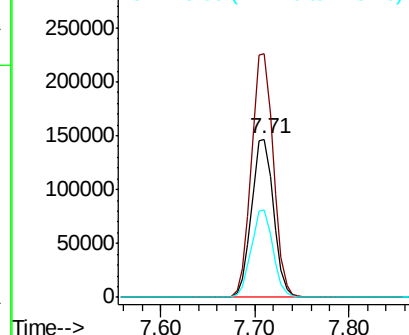


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

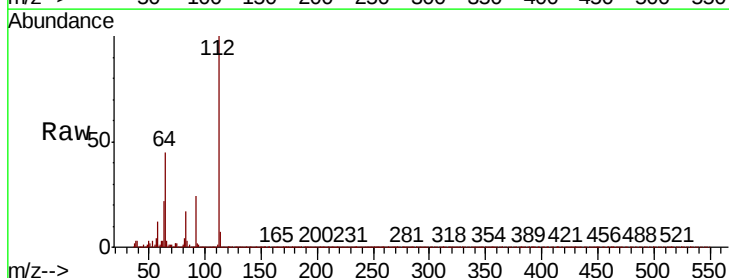
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 102.034 ng  
RT: 5.32 min Scan# 413  
Delta R.T. -0.01 min  
Lab File: BP002938.D  
Acq: 07 Aug 2020 18:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 44.8  | 41.0  | 61.6  |
| 63      | 22.4  | 20.7  | 31.1  |

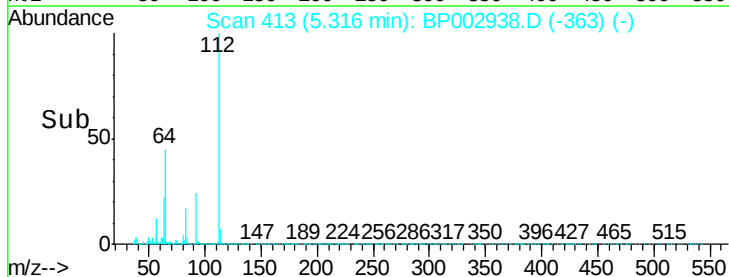
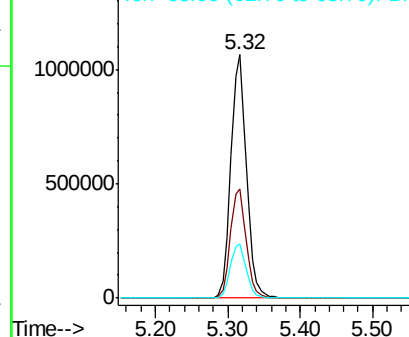


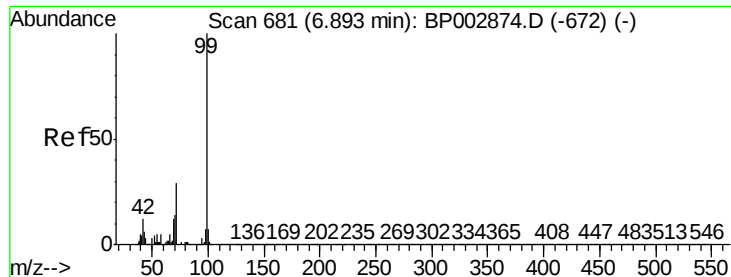
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 80.888 ng

RT: 6.88 min Scan# 679

Delta R.T. -0.01 min

Lab File: BP002938.D

Acq: 07 Aug 2020 18:35

Instrument :

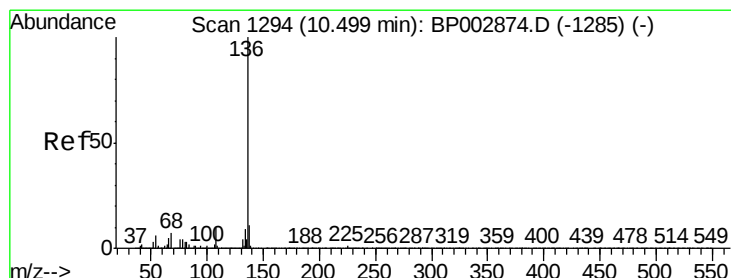
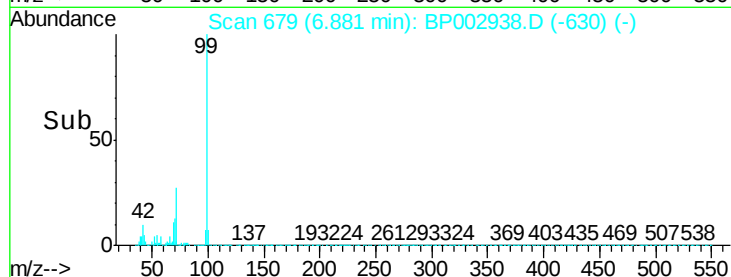
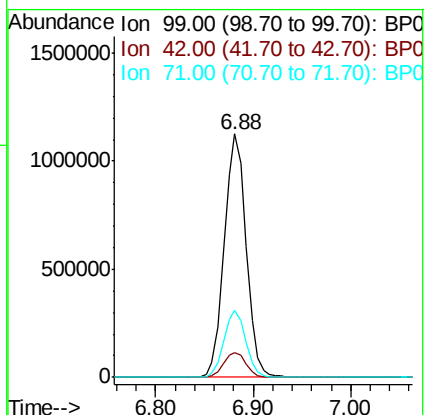
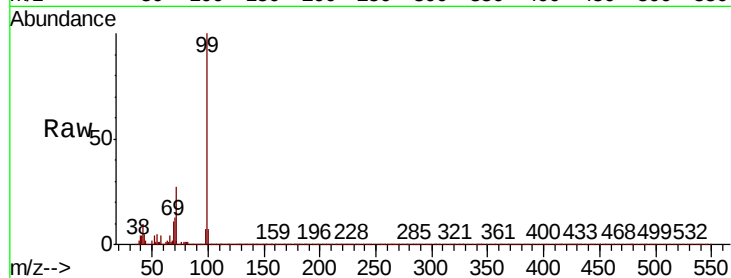
BNA\_P

ClientSampleId :

TR-04-080620

Tot Ion: 99 Resp: 1752027

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 10.3  | 9.3   | 13.9  |
| 71  | 27.3  | 23.5  | 35.3  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1292

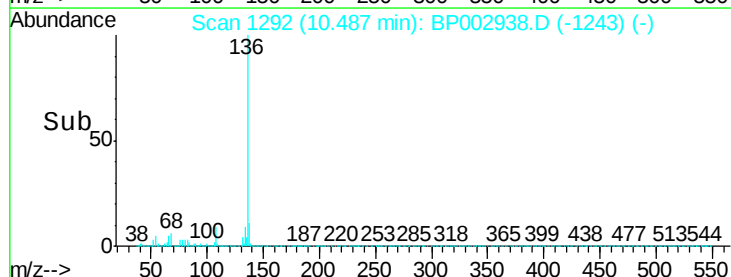
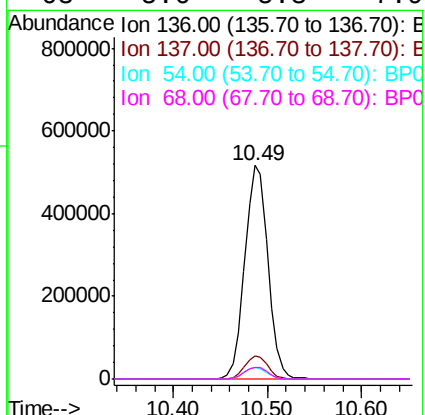
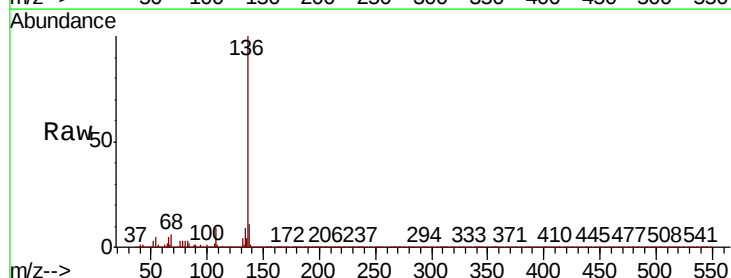
Delta R.T. -0.01 min

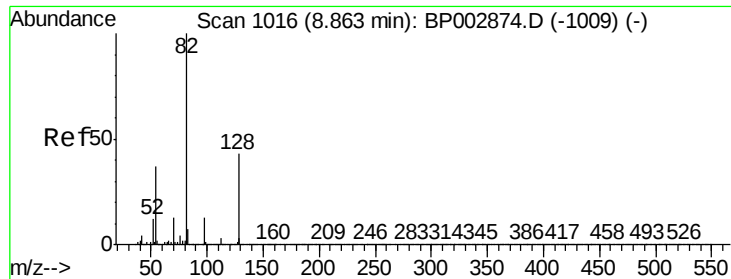
Lab File: BP002938.D

Acq: 07 Aug 2020 18:35

Tgt Ion: 136 Resp: 876752

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 13.0  |
| 54  | 5.2   | 5.1   | 7.7   |
| 68  | 5.6   | 5.3   | 7.9   |

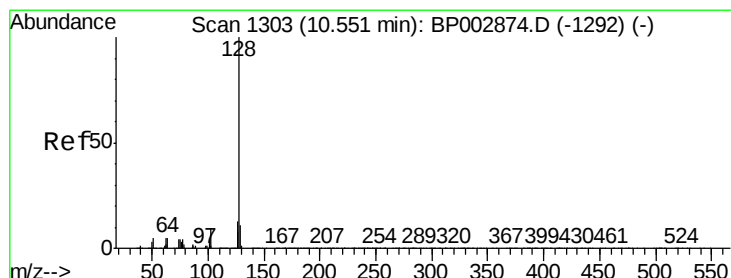
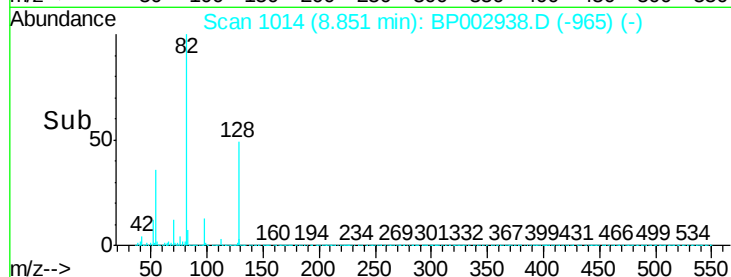
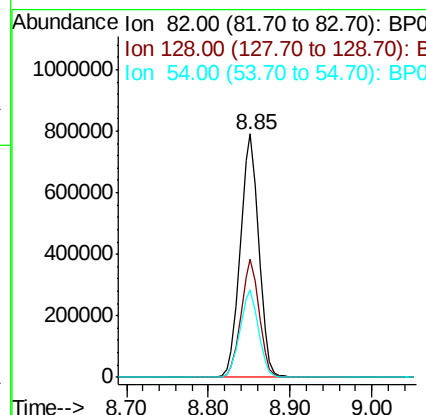
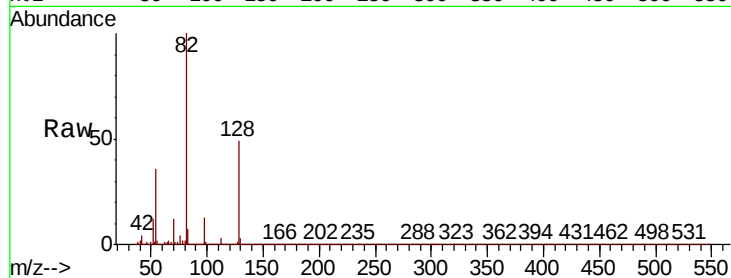




#23  
 Nitrobenzene-d5  
 Concen: 77.124 ng  
 RT: 8.85 min Scan# 1014  
 Delta R.T. -0.01 min  
 Lab File: BP002938.D  
 Acq: 07 Aug 2020 18:35

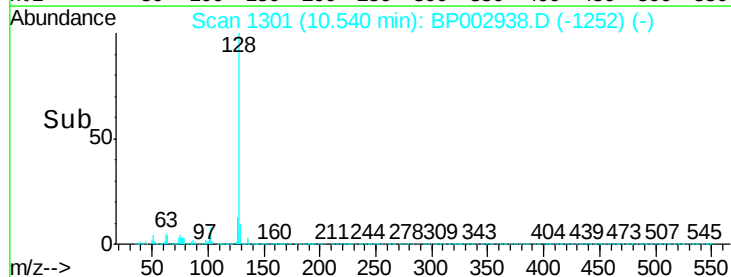
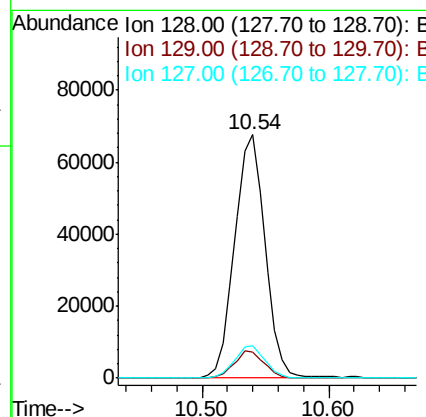
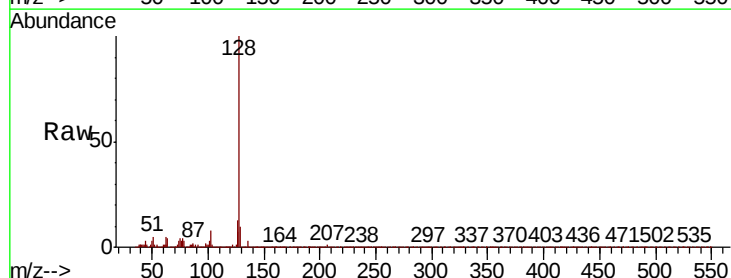
Instrument :  
 BNA\_P  
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 TR-04-080620

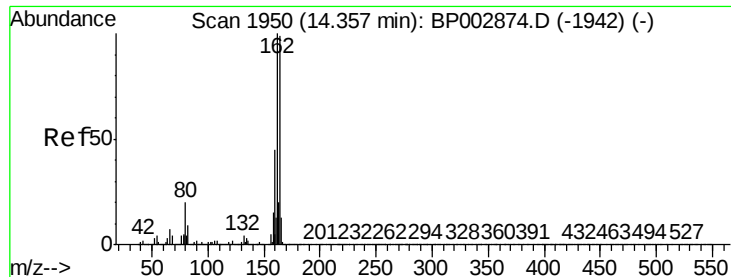
Tot Ion: 82 Resp: 1248440  
 Ion Ratio Lower Upper  
 82 100  
 128 48.6 34.6 52.0  
 54 35.7 29.5 44.3



#31  
 Naphthalene  
 Concen: 2.225 ng  
 RT: 10.54 min Scan# 1301  
 Delta R.T. -0.01 min  
 Lab File: BP002938.D  
 Acq: 07 Aug 2020 18:35

Tgt Ion:128 Resp: 111676  
 Ion Ratio Lower Upper  
 128 100  
 129 10.5 8.9 13.3  
 127 13.1 10.6 16.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BP002938.D

Acq: 07 Aug 2020 18:35

Instrument :

BNA\_P

ClientSampleId :

TR-04-080620

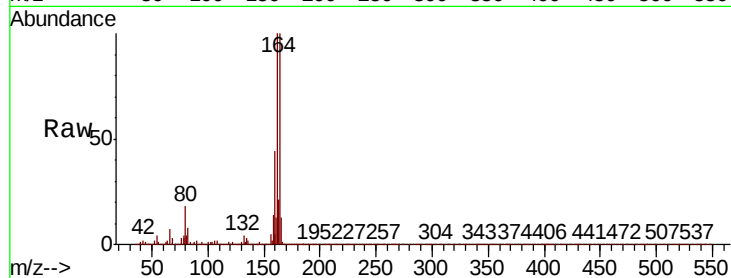
Tot Ion:164 Resp: 533641

Ion Ratio Lower Upper

164 100

162 99.5 81.0 121.6

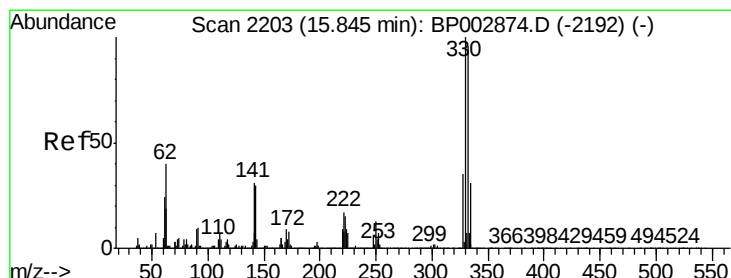
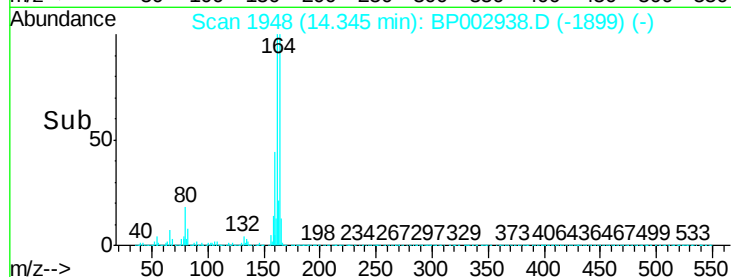
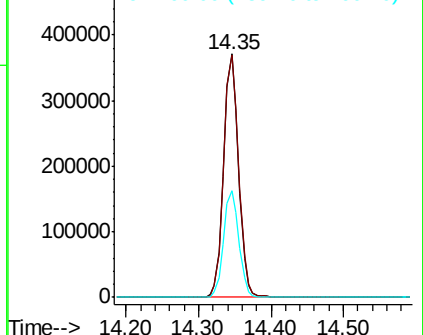
160 43.9 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 136.148 ng

RT: 15.84 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BP002938.D

Acq: 07 Aug 2020 18:35

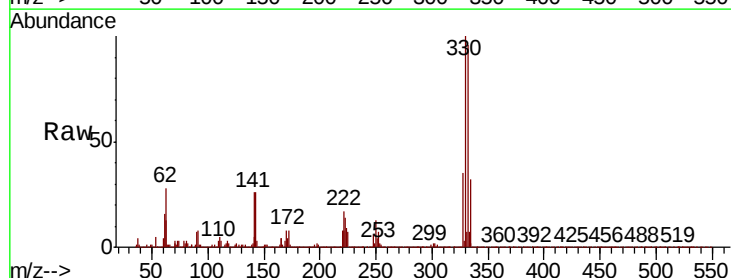
Tgt Ion:330 Resp: 903005

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

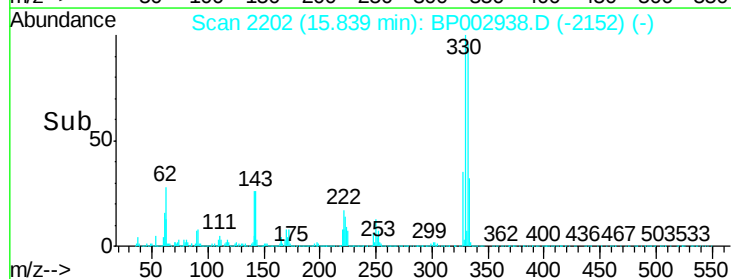
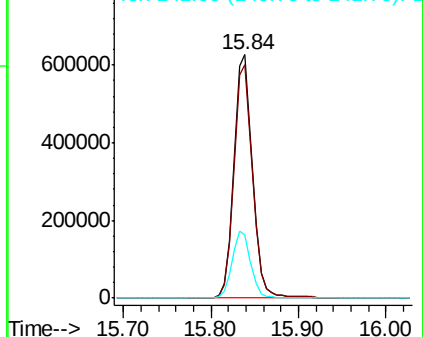
141 27.9 24.6 37.0

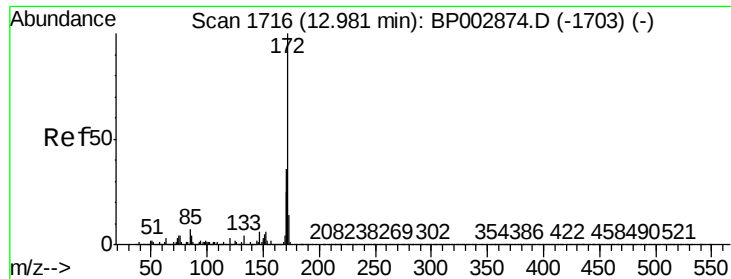


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

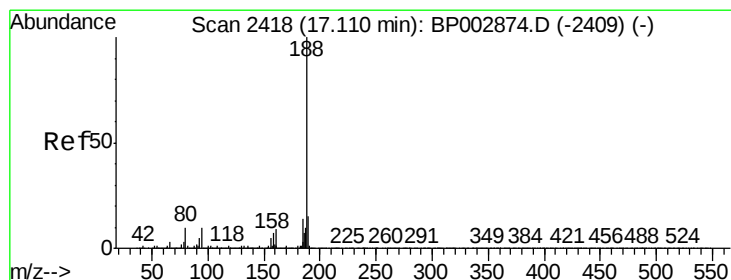
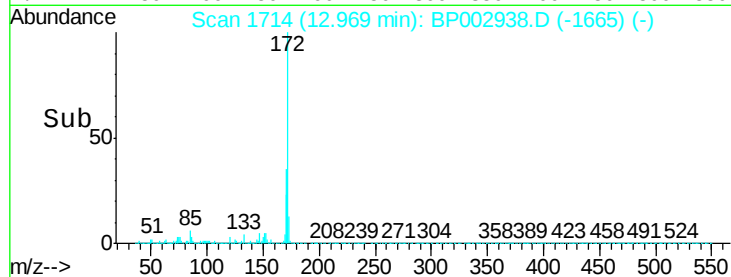
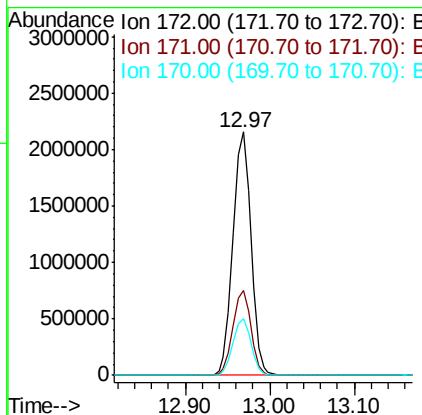
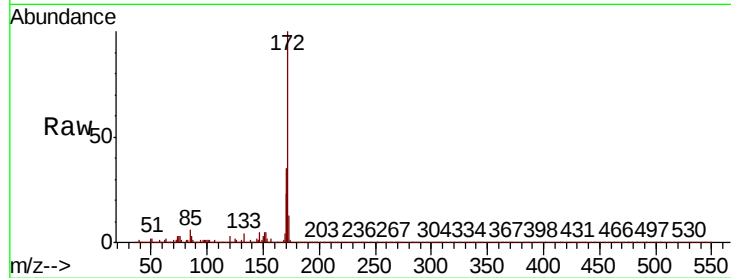




#45  
2-Fluorobiphenyl  
Concen: 80.909 ng  
RT: 12.97 min Scan# 1714  
Delta R.T. -0.01 min  
Lab File: BP002938.D  
Acq: 07 Aug 2020 18:35

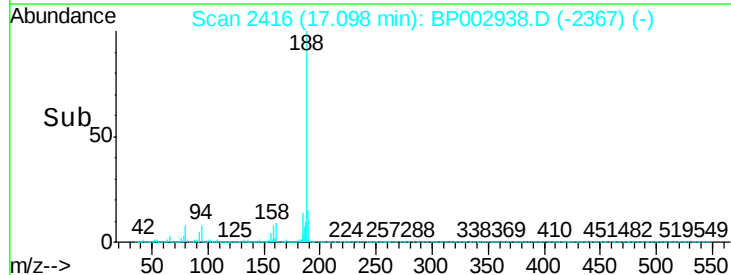
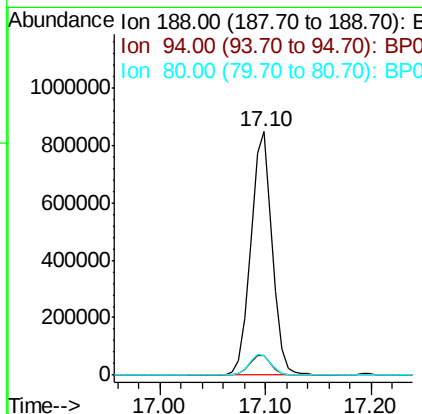
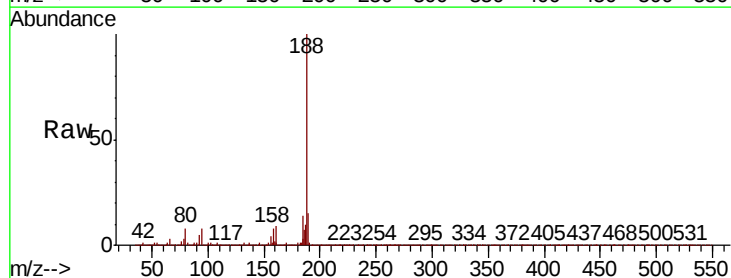
Instrument :  
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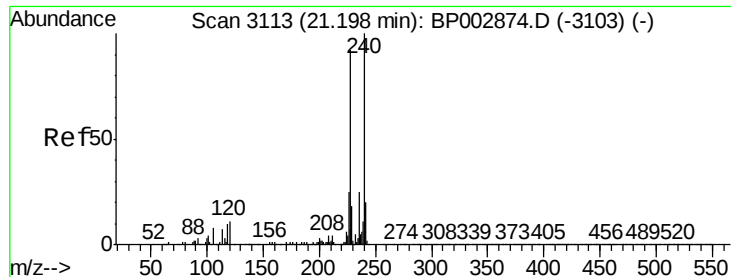
Tot Ion:172 Resp: 3160113  
Ion Ratio Lower Upper  
172 100  
171 35.0 29.1 43.7  
170 23.5 19.6 29.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.10 min Scan# 2416  
Delta R.T. -0.01 min  
Lab File: BP002938.D  
Acq: 07 Aug 2020 18:35

Tgt Ion:188 Resp: 1200736  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.8 11.6  
80 8.3 8.0 12.0



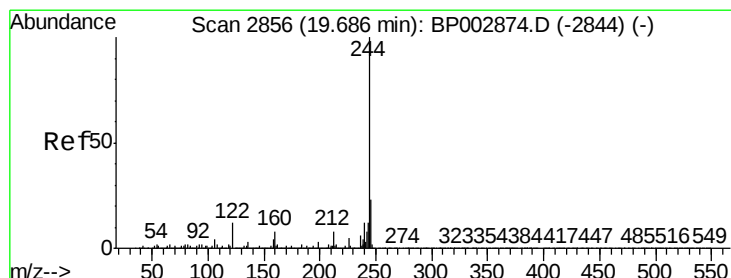
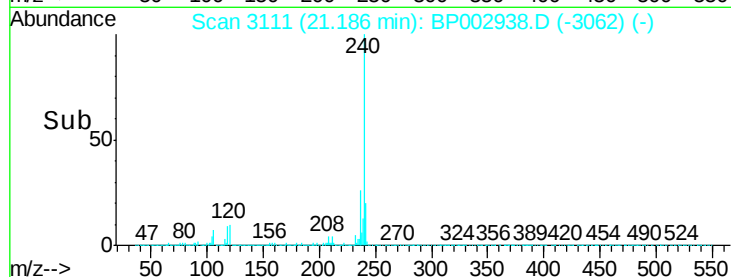
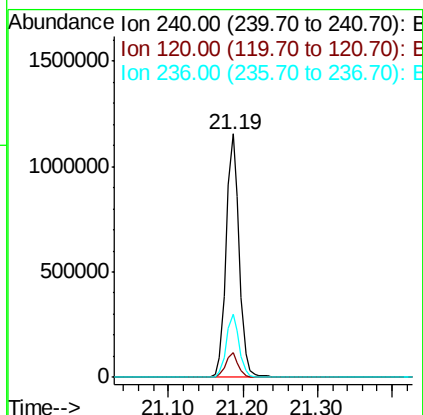
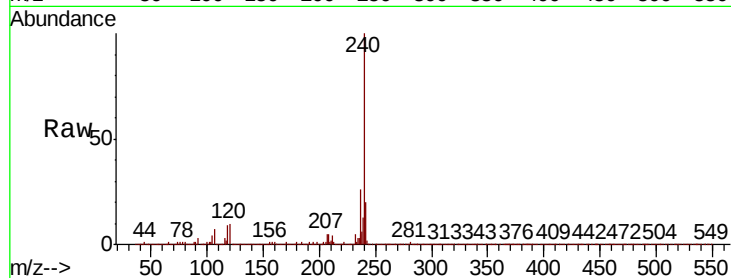


#76  
 Chrvsene-d12  
 Concen: 20.000 ng  
 RT: 21.19 min Scan# 3111  
 Delta R.T. -0.01 min  
 Lab File: BP002938.D  
 Acq: 07 Aug 2020 18:35

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TR-04-080620

Tot Ion:240 Resp: 1412653  

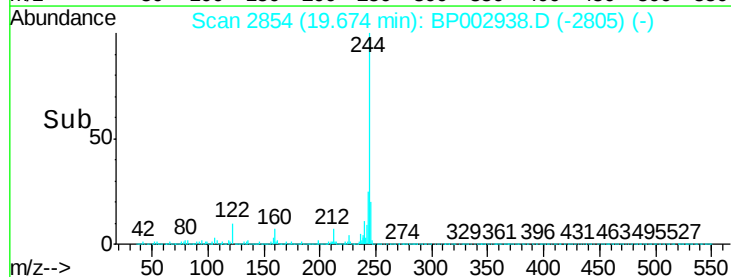
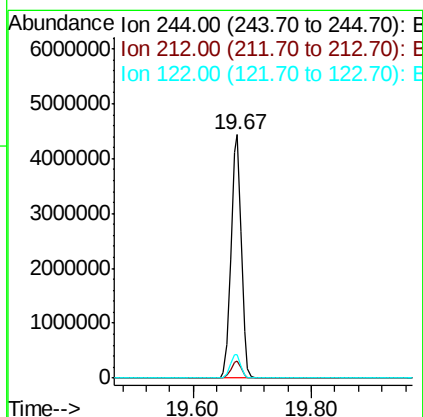
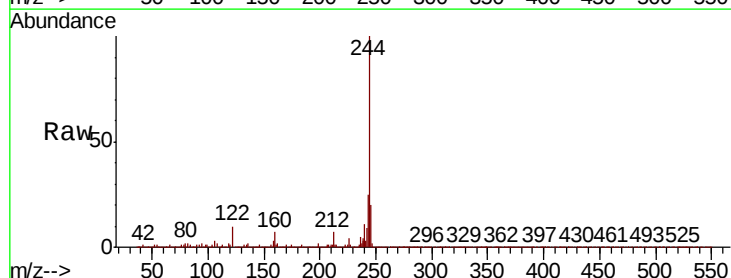
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 10.1  | 8.9   | 13.3  |
| 236 | 25.7  | 20.3  | 30.5  |

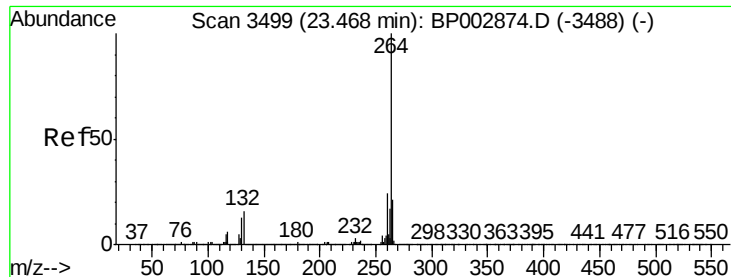


#79  
 Terphenyl-d14  
 Concen: 76.302 ng  
 RT: 19.67 min Scan# 2854  
 Delta R.T. -0.01 min  
 Lab File: BP002938.D  
 Acq: 07 Aug 2020 18:35

Tgt Ion:244 Resp: 5384129  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 6.4   | 9.6   |
| 122 | 9.5   | 9.4   | 14.2  |





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.44 min Scan# 3495  
Delta R.T. -0.02 min  
Lab File: BP002938.D  
Acq: 07 Aug 2020 18:35

Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-080620

Tot Ion:264 Resp: 1614214  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.4  | 19.0  | 28.6  |
| 265 | 22.5  | 17.0  | 25.4  |

