

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051021\  
 Data File : BP005464.D  
 Acq On : 10 May 2021 12:39  
 Operator : CG/JU  
 Sample : M2306-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C-1

Quant Time: May 10 13:09:39 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 07 12:37:06 2021  
 Response via : Initial Calibration

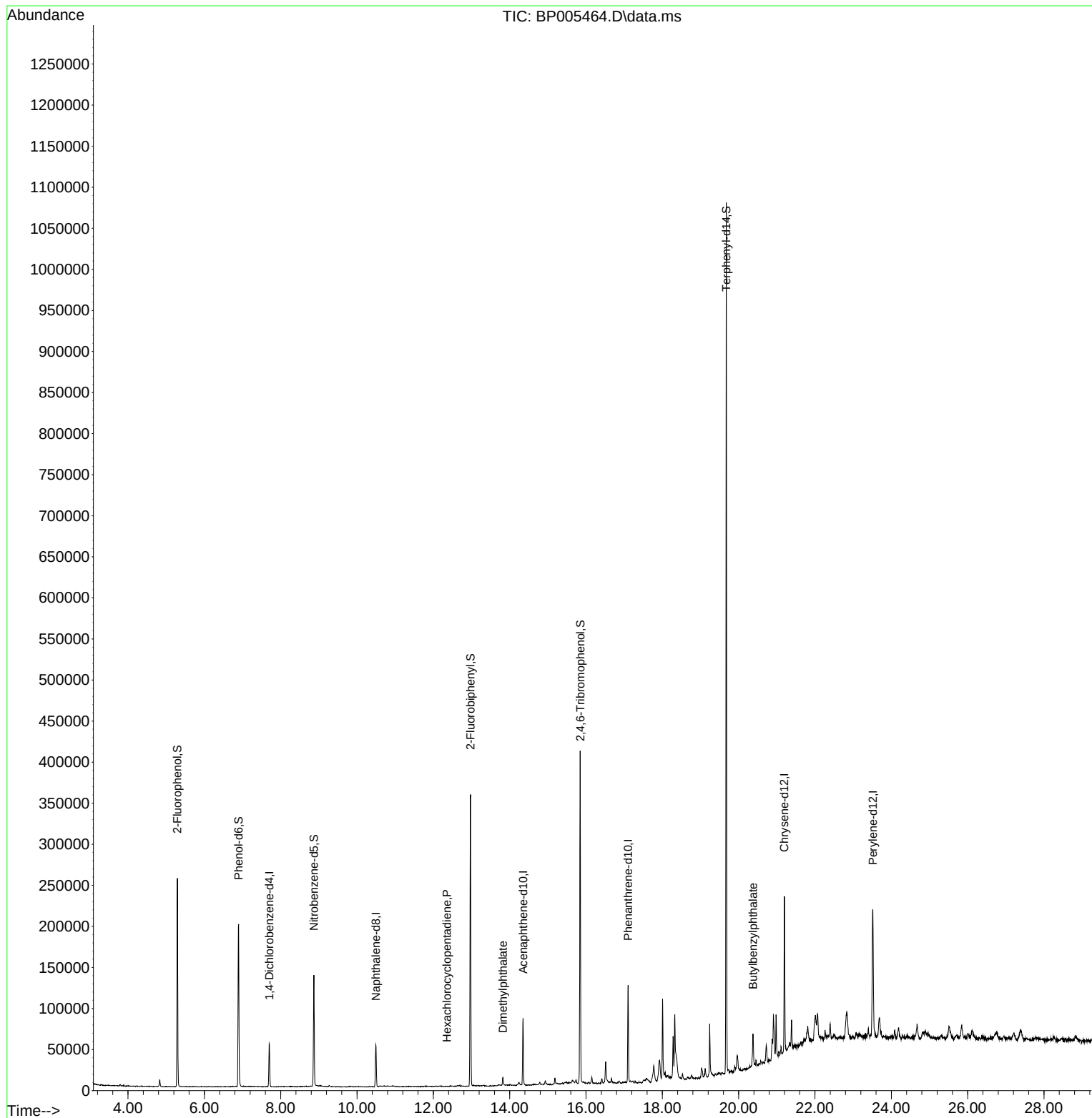
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.705  | 152  | 10315    | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.493 | 136  | 29575    | 20.00     | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.351 | 164  | 23325    | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.104 | 188  | 60866    | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.198 | 240  | 89578    | 20.00     | ng    | # 0.00   |
| 86) Perylene-d12              | 23.515 | 264  | 113223   | 20.00     | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.293  | 112  | 71212    | 132.49    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.899  | 99   | 73556    | 109.75    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.869  | 82   | 62722    | 83.47     | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.851 | 330  | 73828    | 111.54    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.975 | 172  | 149263   | 72.19     | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.674 | 244  | 403685   | 76.53     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.199  | 88   | 54       | Below Cal | #     | 1        |
| 9) Benzaldehyde               | 6.899  | 77   | 448      | Below Cal | #     | 3        |
| 41) Hexachlorocyclopentadiene | 12.357 | 237  | 6        | 7.88      | ng    | 92       |
| 50) Dimethylphthalate         | 13.822 | 163  | 4784     | 2.38      | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.374 | 149  | 8375     | 5.11      | ng    | # 25     |
| -----                         |        |      |          |           |       |          |

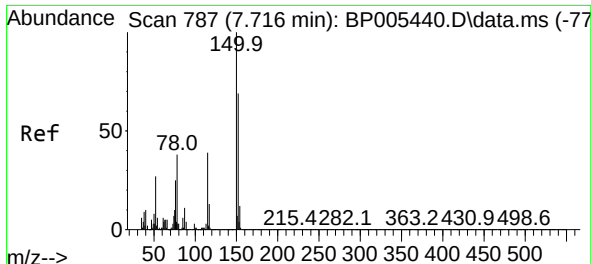
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051021\  
Data File : BP005464.D  
Acq On : 10 May 2021 12:39  
Operator : CG/JU  
Sample : M2306-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C-1

Quant Time: May 10 13:09:39 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 07 12:37:06 2021  
Response via : Initial Calibration

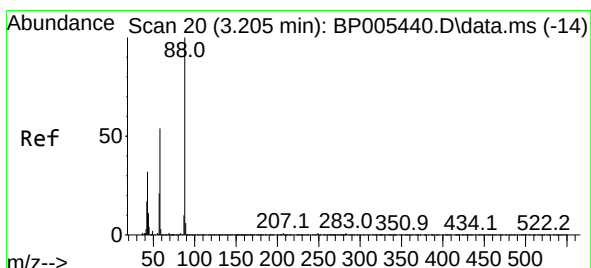
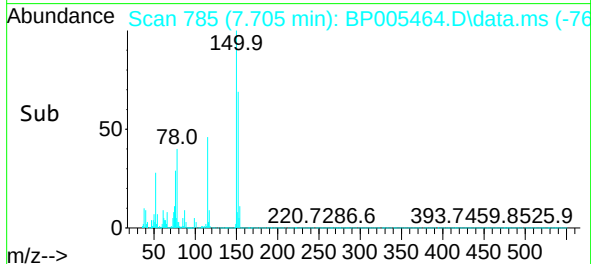
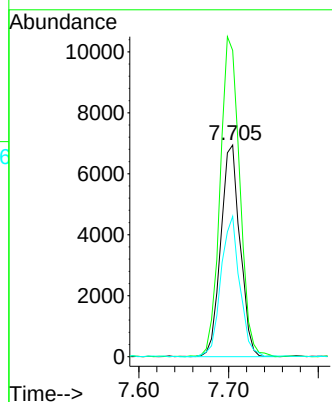
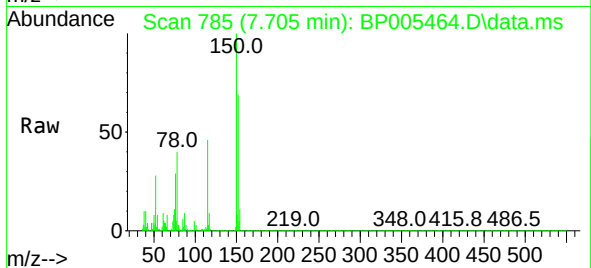




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.705 min Scan# 785  
 Delta R.T. -0.006 min  
 Lab File: BP005464.D  
 Acq: 10 May 2021 12:39

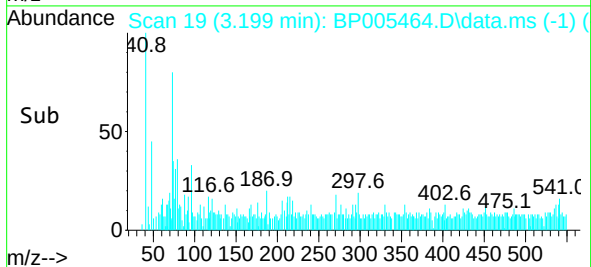
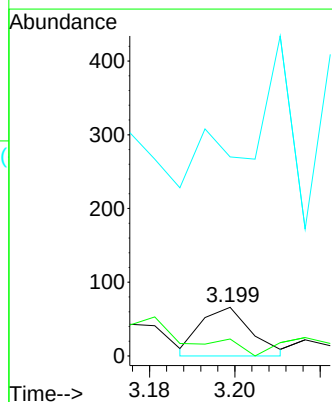
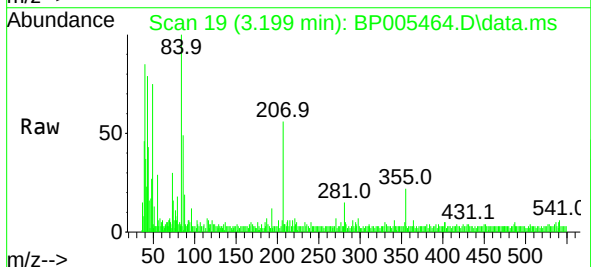
Instrument :  
 BNA\_P  
 ClientSampled :  
 C-1

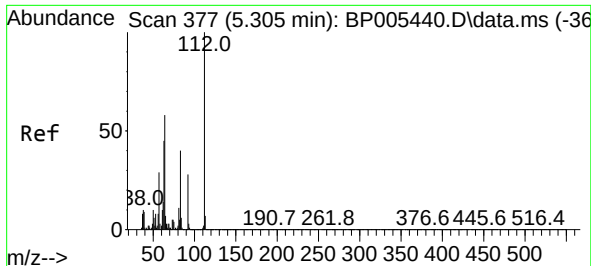
Tgt Ion: 152 Resp: 10315  
 Ion Ratio Lower Upper  
 152 100  
 150 144.7 119.8 179.8  
 115 66.3 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: Below Cal  
 RT: 3.199 min Scan# 19  
 Delta R.T. 0.006 min  
 Lab File: BP005464.D  
 Acq: 10 May 2021 12:39

Tgt Ion: 88 Resp: 54  
 Ion Ratio Lower Upper  
 88 100  
 58 0.0 42.5 63.7#  
 43 387.0 19.8 29.8#

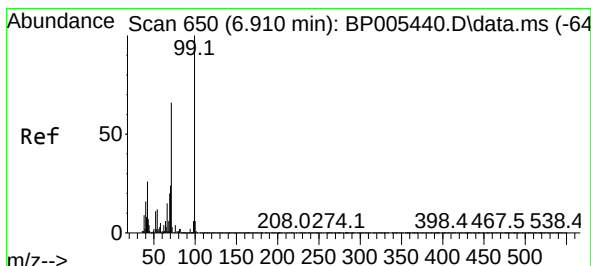
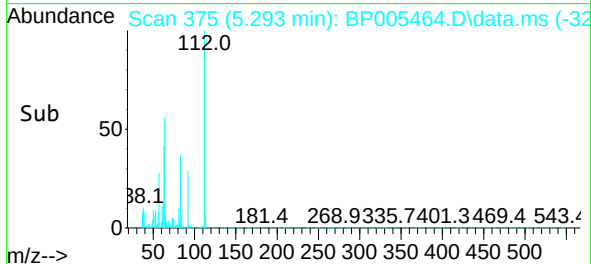
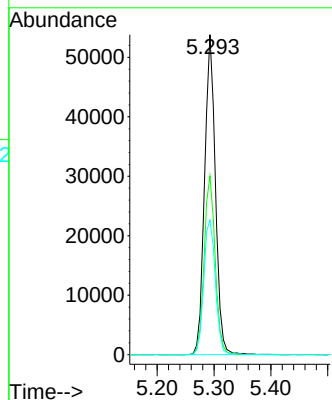
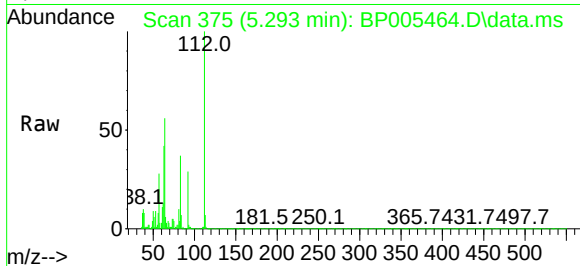




#5  
2-Fluorophenol  
Concen: 132.49 ng  
RT: 5.293 min Scan# 375  
Delta R.T. -0.006 min  
Lab File: BP005464.D  
Acq: 10 May 2021 12:39

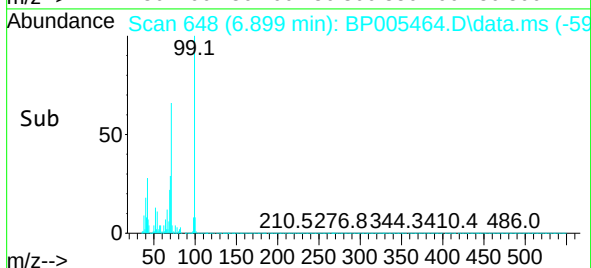
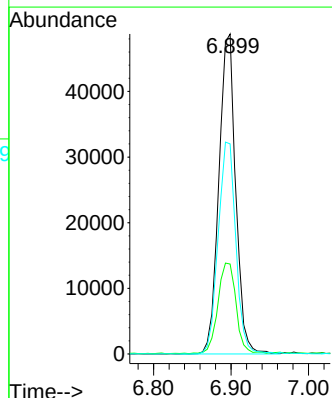
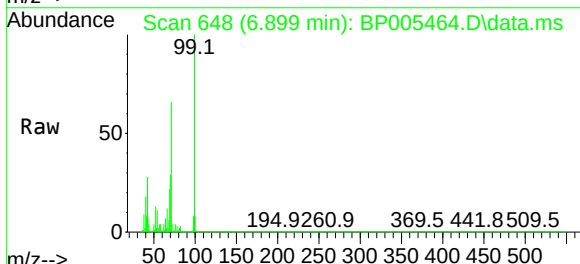
Instrument :  
BNA\_P  
ClientSampleId :  
C-1

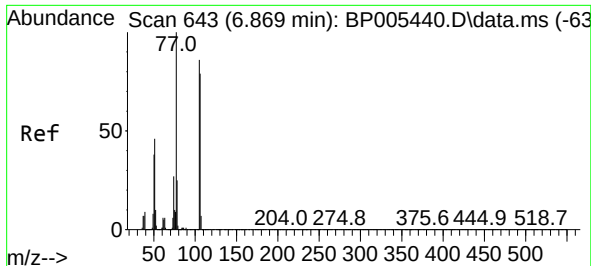
Tgt Ion:112 Resp: 71212  
Ion Ratio Lower Upper  
112 100  
64 55.9 33.6 50.4#  
63 42.0 18.6 27.8#



#7  
Phenol-d6  
Concen: 109.75 ng  
RT: 6.899 min Scan# 648  
Delta R.T. -0.000 min  
Lab File: BP005464.D  
Acq: 10 May 2021 12:39

Tgt Ion: 99 Resp: 73556  
Ion Ratio Lower Upper  
99 100  
42 28.1 12.9 19.3#  
71 65.7 26.7 40.1#

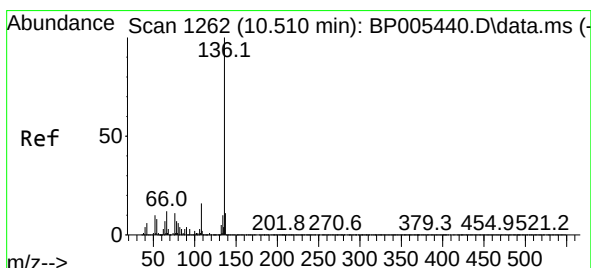
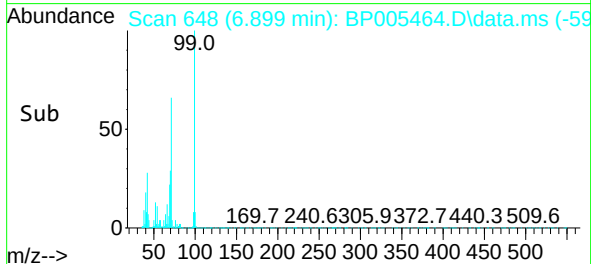
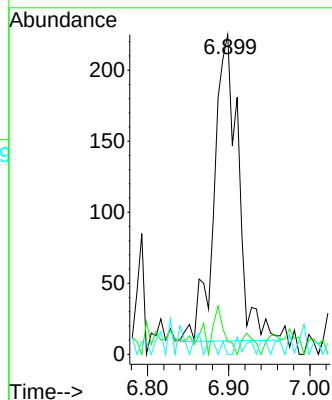
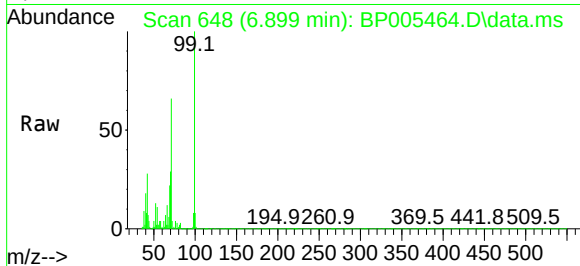




#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.899 min Scan# 648  
Delta R.T. 0.041 min  
Lab File: BP005464.D  
Acq: 10 May 2021 12:39

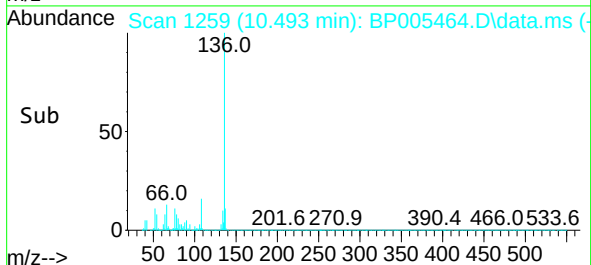
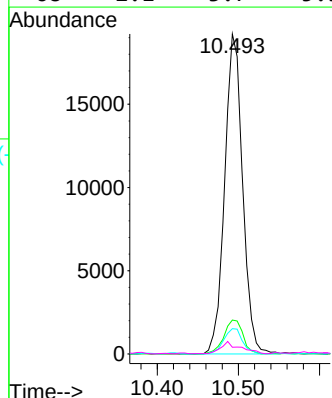
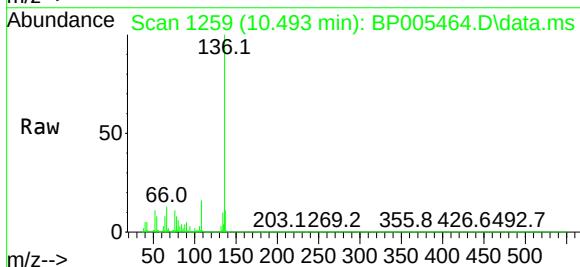
Instrument :  
BNA\_P  
ClientSampled :  
C-1

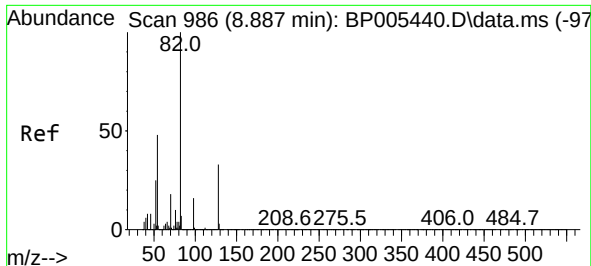
Tgt Ion: 77 Resp: 448  
Ion Ratio Lower Upper  
77 100  
105 4.0 89.4 129.4#  
106 6.7 79.9 119.9#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.493 min Scan# 1259  
Delta R.T. -0.012 min  
Lab File: BP005464.D  
Acq: 10 May 2021 12:39

Tgt Ion: 136 Resp: 29575  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.9 13.3  
54 7.9 5.0 7.4#  
68 2.1 3.7 5.5#

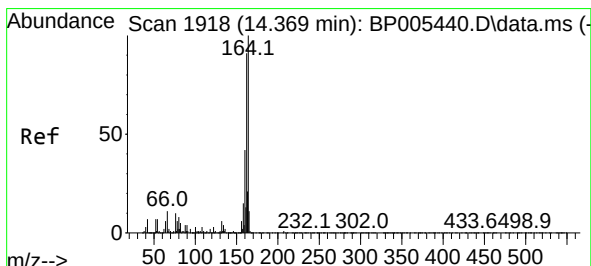
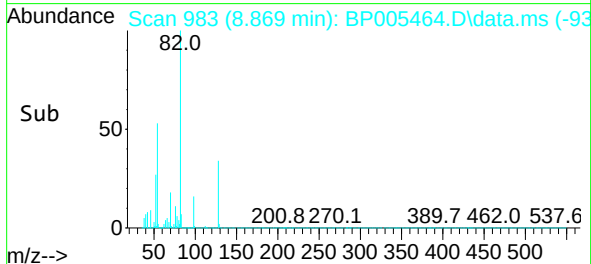
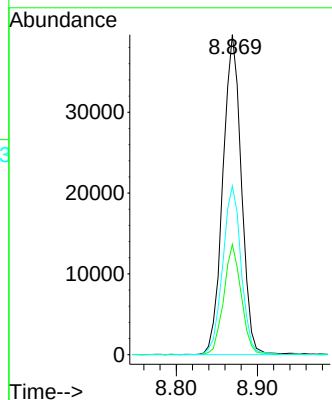
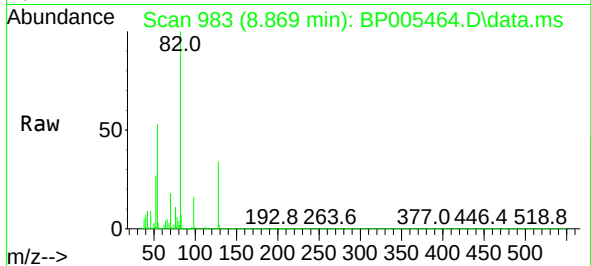




#23  
Nitrobenzene-d5  
Concen: 83.47 ng  
RT: 8.869 min Scan# 983  
Delta R.T. -0.012 min  
Lab File: BP005464.D  
Acq: 10 May 2021 12:39

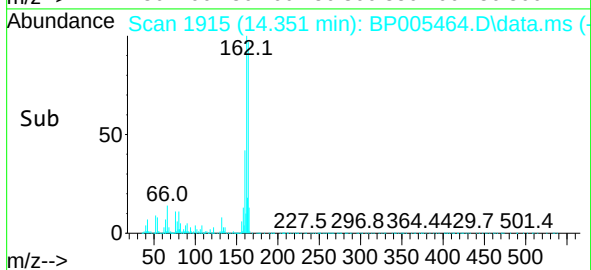
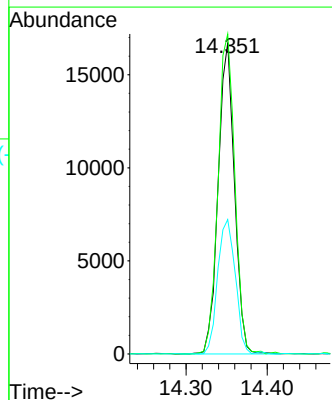
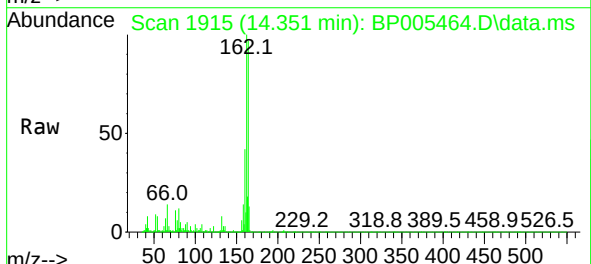
Instrument :  
BNA\_P  
ClientSampled :  
C-1

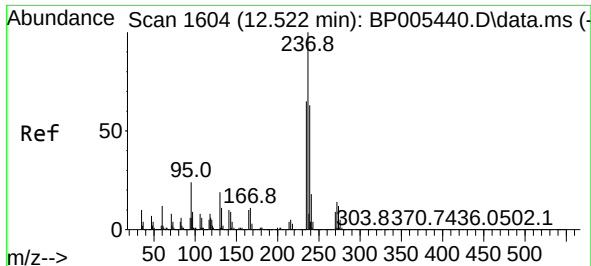
Tgt Ion: 82 Resp: 62722  
Ion Ratio Lower Upper  
82 100  
128 34.5 30.5 45.7  
54 52.7 33.9 50.9#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.351 min Scan# 1915  
Delta R.T. -0.006 min  
Lab File: BP005464.D  
Acq: 10 May 2021 12:39

Tgt Ion:164 Resp: 23325  
Ion Ratio Lower Upper  
164 100  
162 102.8 73.5 110.3  
160 43.2 40.6 61.0

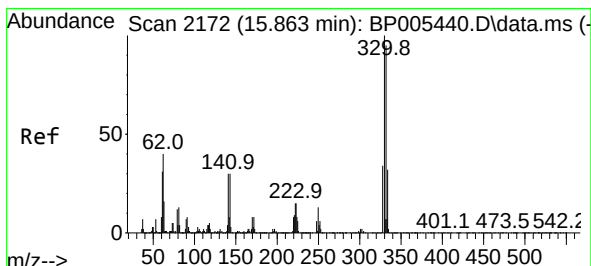
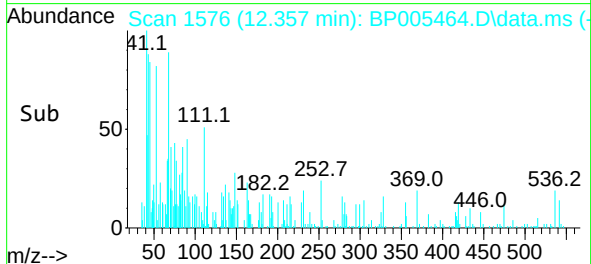
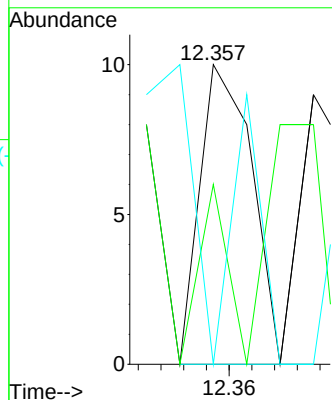
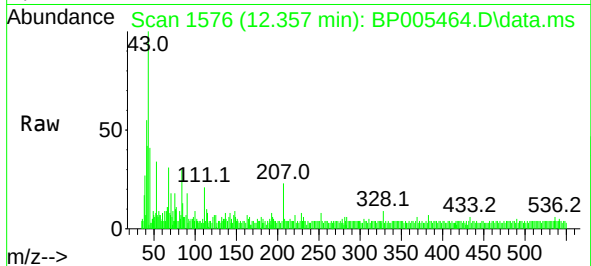




#41  
Hexachlorocyclopentadiene  
Concen: 7.88 ng  
RT: 12.357 min Scan# 1576  
Delta R.T. -0.153 min  
Lab File: BP005464.D  
Acq: 10 May 2021 12:39

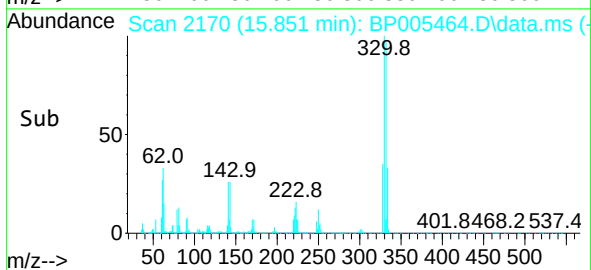
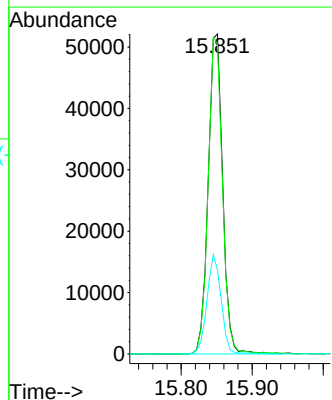
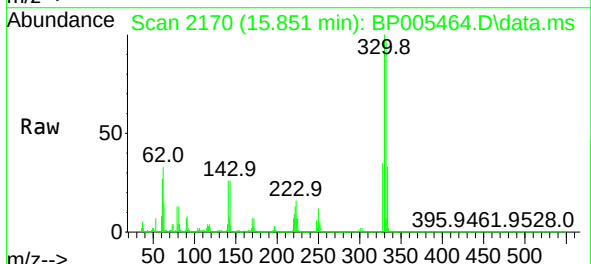
Instrument :  
BNA\_P  
ClientSampled :  
C-1

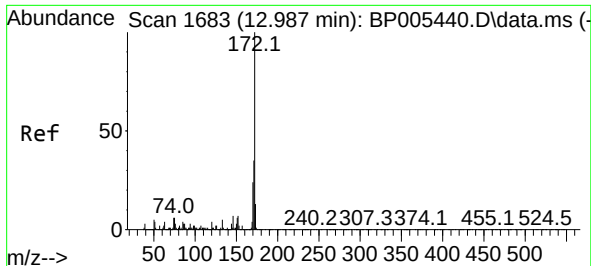
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 6     |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 60.0  | 40.9  | 80.9  |
| 272      | 0.0   | 0.0   | 34.6  |



#42  
2,4,6-Tribromophenol  
Concen: 111.54 ng  
RT: 15.851 min Scan# 2170  
Delta R.T. -0.006 min  
Lab File: BP005464.D  
Acq: 10 May 2021 12:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 73828 |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 98.4  | 76.3  | 114.5 |
| 141      | 30.5  | 22.8  | 34.2  |

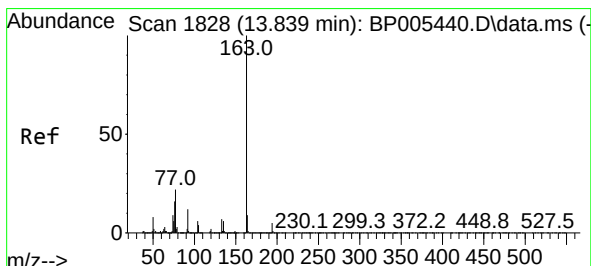
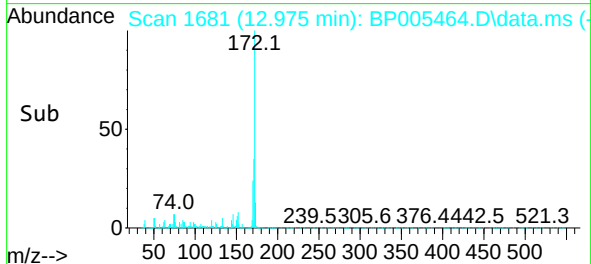
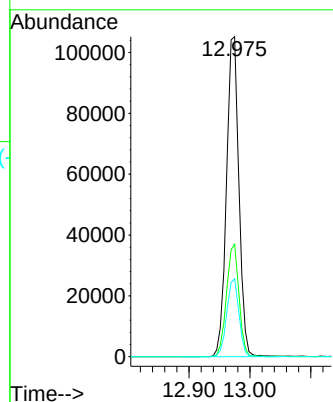
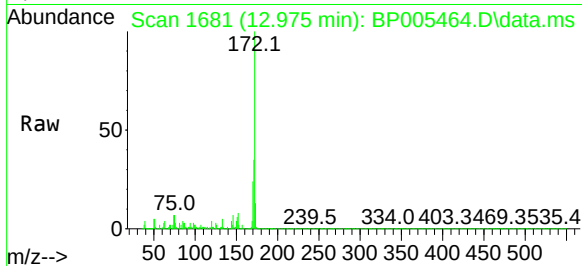




#45  
2-Fluorobiphenyl  
Concen: 72.19 ng  
RT: 12.975 min Scan# 1681  
Delta R.T. -0.006 min  
Lab File: BP005464.D  
Acq: 10 May 2021 12:39

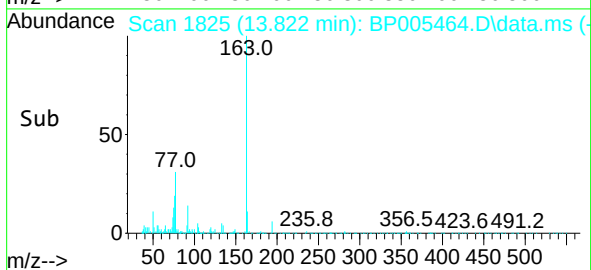
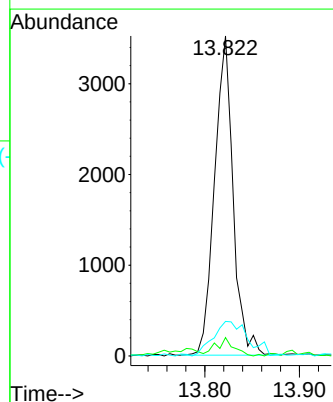
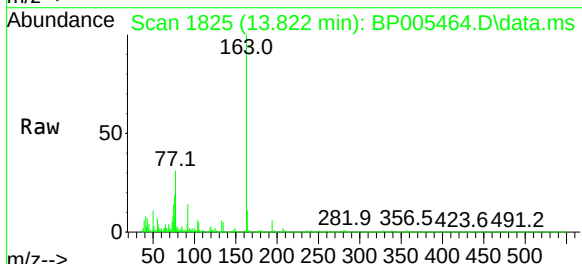
Instrument :  
BNA\_P  
ClientSampleId :  
C-1

Tgt Ion:172 Resp: 149263  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.1 42.1  
170 24.3 19.6 29.4

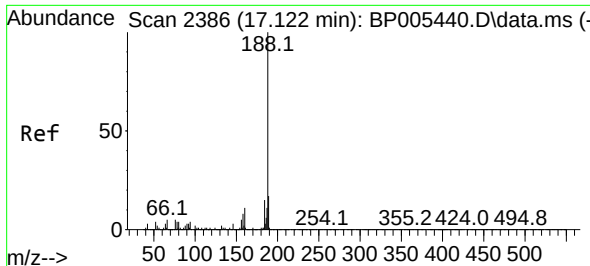


#50  
Dimethylphthalate  
Concen: 2.38 ng  
RT: 13.822 min Scan# 1825  
Delta R.T. -0.006 min  
Lab File: BP005464.D  
Acq: 10 May 2021 12:39

Tgt Ion:163 Resp: 4784  
Ion Ratio Lower Upper  
163 100  
194 5.8 3.9 5.9  
164 10.8 8.1 12.1



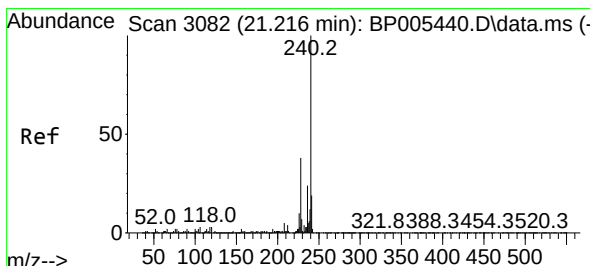
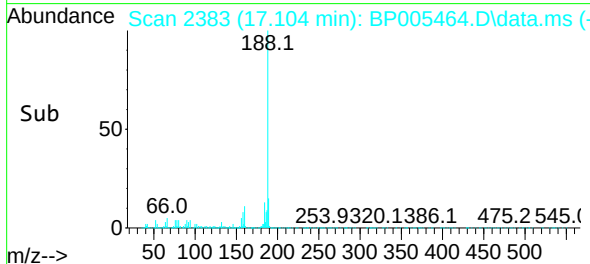
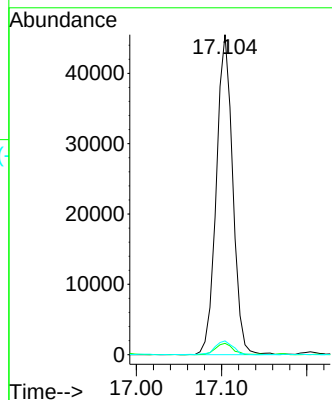
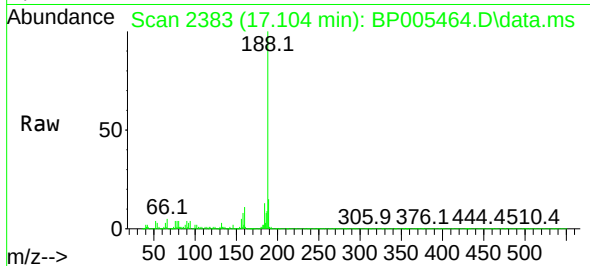




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.104 min Scan# 2383  
Delta R.T. -0.006 min  
Lab File: BP005464.D  
Acq: 10 May 2021 12:39

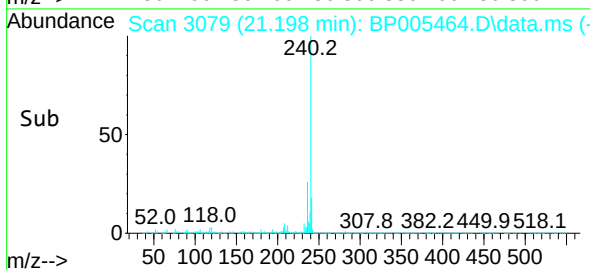
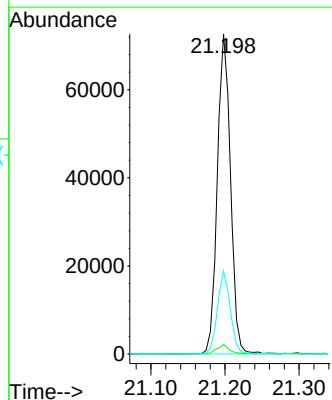
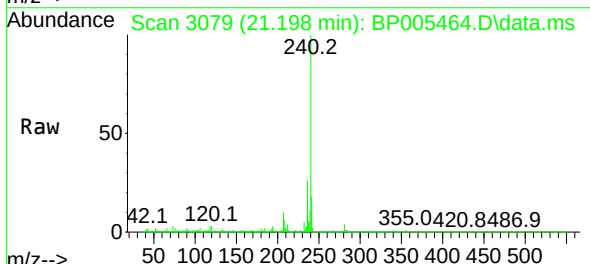
Instrument :  
BNA\_P  
ClientSampleId :  
C-1

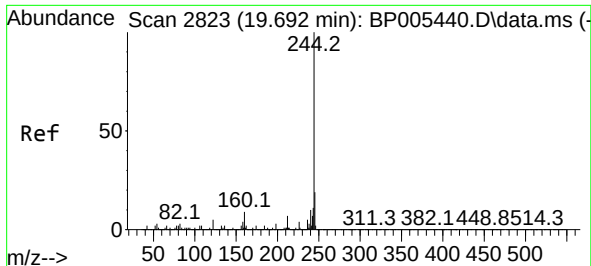
Tgt Ion:188 Resp: 60866  
Ion Ratio Lower Upper  
188 100  
94 3.5 5.0 7.6#  
80 4.3 5.9 8.9#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.198 min Scan# 3079  
Delta R.T. -0.006 min  
Lab File: BP005464.D  
Acq: 10 May 2021 12:39

Tgt Ion:240 Resp: 89578  
Ion Ratio Lower Upper  
240 100  
120 3.0 4.2 6.2#  
236 26.0 20.2 30.2

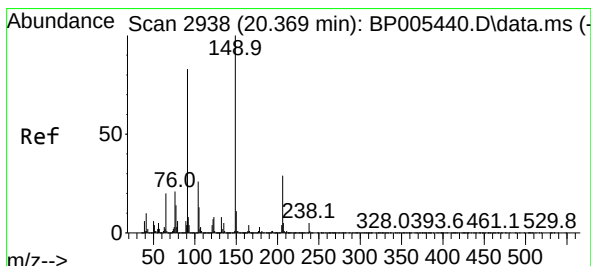
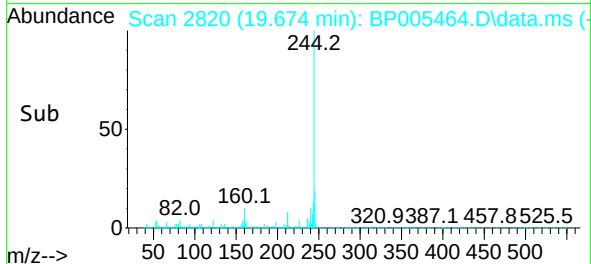
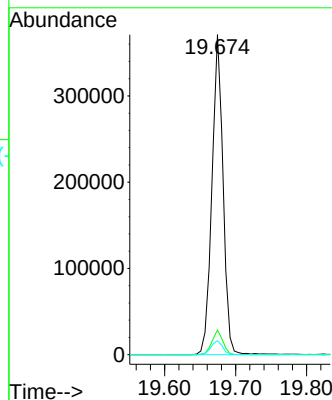
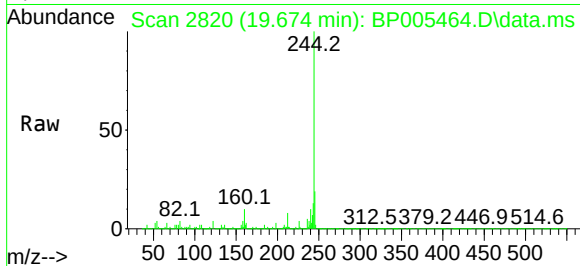




#79  
 Terphenyl-d14  
 Concen: 76.53 ng  
 RT: 19.674 min Scan# 2820  
 Delta R.T. -0.006 min  
 Lab File: BP005464.D  
 Acq: 10 May 2021 12:39

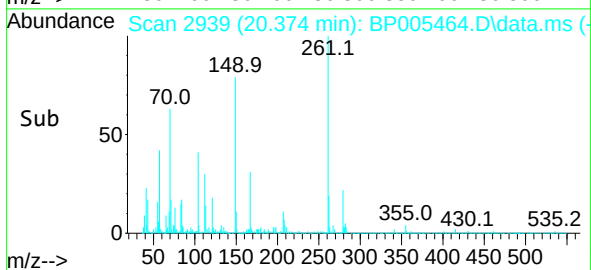
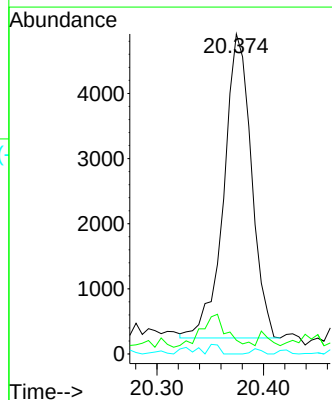
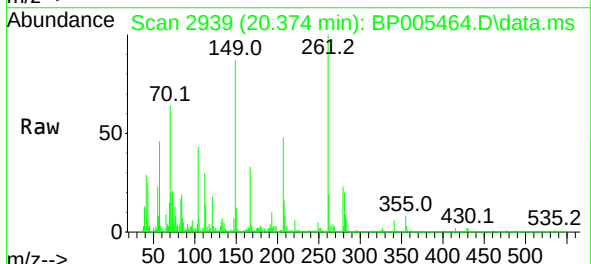
Instrument :  
 BNA\_P  
 ClientSampled :  
 C-1

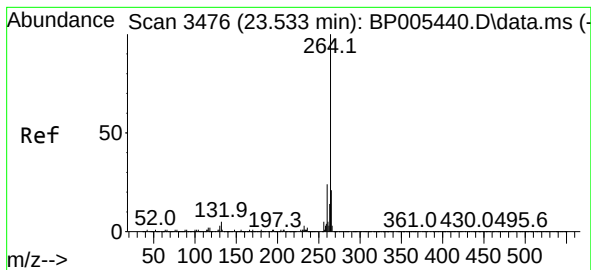
Tgt Ion:244 Resp: 403685  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 5.8 8.6  
 122 4.4 5.2 7.8#



#80  
 Butylbenzylphthalate  
 Concen: 5.11 ng  
 RT: 20.374 min Scan# 2939  
 Delta R.T. 0.017 min  
 Lab File: BP005464.D  
 Acq: 10 May 2021 12:39

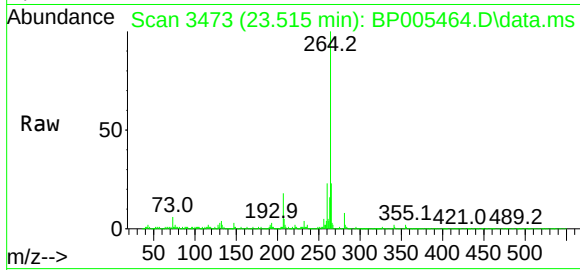
Tgt Ion:149 Resp: 8375  
 Ion Ratio Lower Upper  
 149 100  
 91 4.3 60.2 90.4#  
 206 0.0 23.9 35.9#





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.515 min Scan# 3473  
Delta R.T. -0.006 min  
Lab File: BP005464.D  
Acq: 10 May 2021 12:39

Instrument :  
BNA\_P  
ClientSampleId :  
C-1



Tgt Ion: 264 Resp: 113223  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 20.6  | 30.8  |
| 265 | 22.9  | 19.0  | 28.6  |

