

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091925\  
 Data File : BP025801.D  
 Acq On : 19 Sep 2025 16:28  
 Operator : CG/JU  
 Sample : Q3098-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Sep 19 16:55:48 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

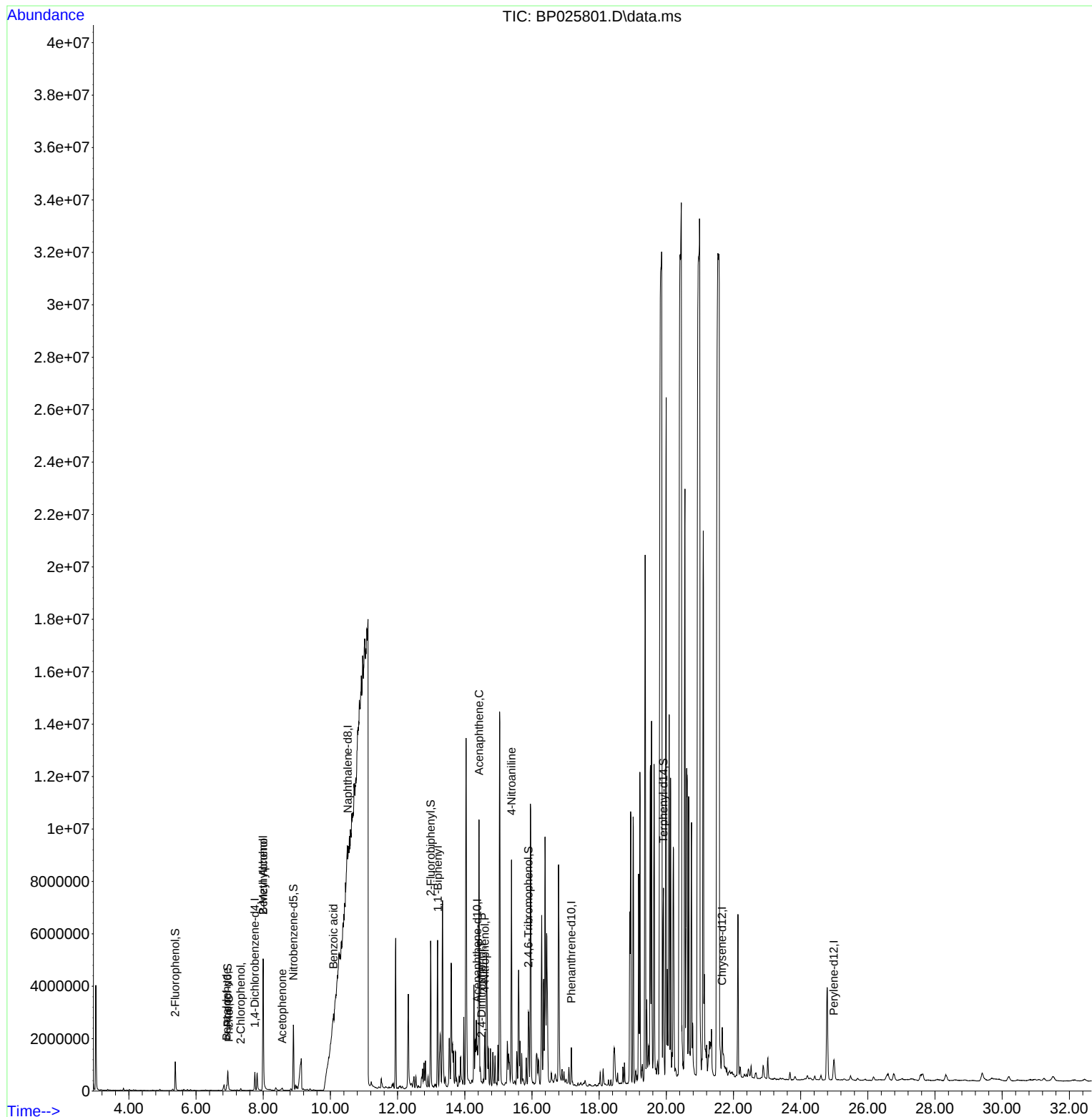
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.749  | 152  | 178989   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.519 | 136  | 525343   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.372 | 164  | 428315   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.172 | 188  | 821856   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.660 | 240  | 847968   | 20.000  | ng    | 0.02     |
| 86) Perylene-d12            | 24.989 | 264  | 937917   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.378  | 112  | 507983   | 45.794  | ng    | 0.00     |
| 7) Phenol-d6                | 6.943  | 99   | 412208   | 27.957  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.896  | 82   | 1459656  | 122.562 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.895 | 330  | 472927   | 88.524  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.984 | 172  | 2835892  | 88.160  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.913 | 244  | 4098435  | 86.949  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 8) 2-Chlorophenol           | 7.331  | 128  | 31380    | 2.579   | ng    | 97       |
| 9) Benzaldehyde             | 6.914  | 77   | 79282    | 8.971   | ng    | 98       |
| 10) Phenol                  | 6.972  | 94   | 33100    | 2.129   | ng    | 93       |
| 15) Benzyl Alcohol          | 7.996  | 79   | 2048935  | 168.170 | ng    | 99       |
| 17) 2-Methylphenol          | 7.996  | 107  | 1053844  | 100.539 | ng    | # 7      |
| 22) Acetophenone            | 8.566  | 105  | 38643    | 2.753   | ng    | # 94     |
| 32) Benzoic acid            | 10.090 | 122  | 4537096  | 733.318 | ng    | 99       |
| 46) 1,1'-Biphenyl           | 13.196 | 154  | 483957   | 15.394  | ng    | 99       |
| 52) Acenaphthene            | 14.425 | 154  | 96393    | 4.075   | ng    | # 34     |
| 54) 2,4-Dinitrophenol       | 14.496 | 184  | 365      | 4.901   | ng    | # 1      |
| 56) 4-Nitrophenol           | 14.595 | 139  | 5384     | 5.292   | ng    | # 80     |
| 62) 4-Nitroaniline          | 15.390 | 138  | 50113    | 6.714   | ng    | # 21     |
| -----                       |        |      |          |         |       |          |

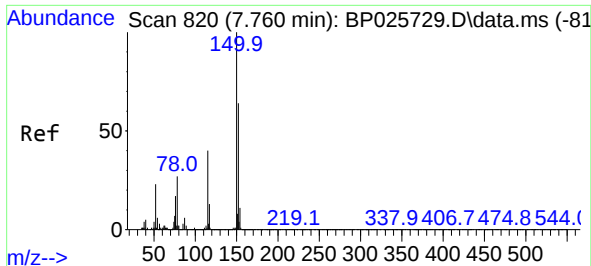
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091925\  
Data File : BP025801.D  
Acq On : 19 Sep 2025 16:28  
Operator : CG/JU  
Sample : Q3098-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :

Quant Time: Sep 19 16:55:48 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

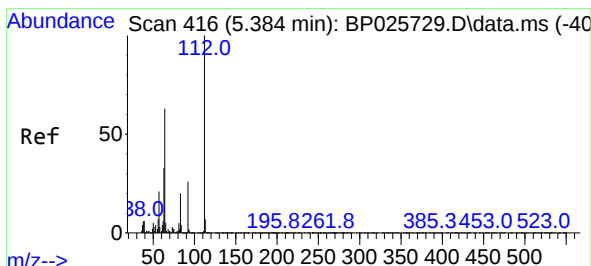
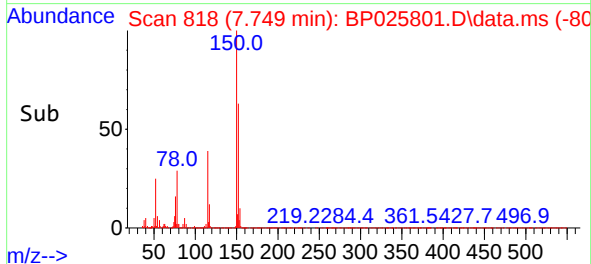
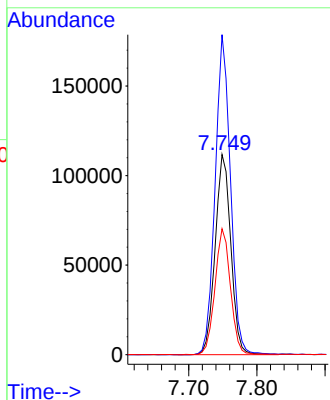
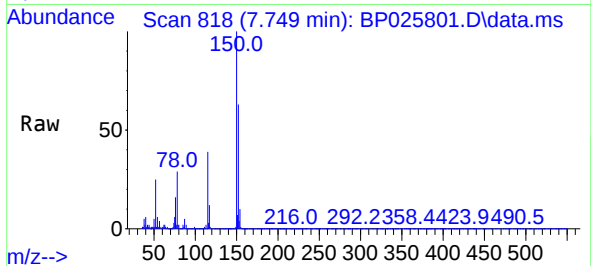




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.749 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

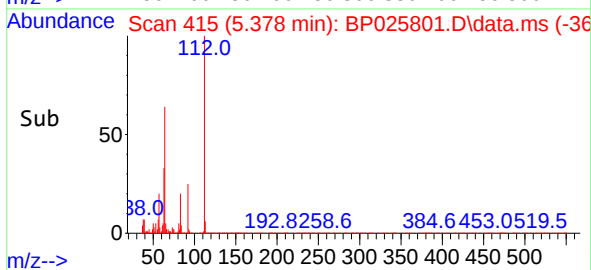
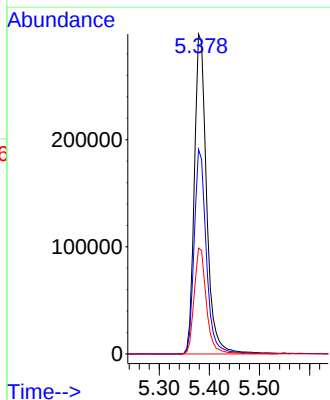
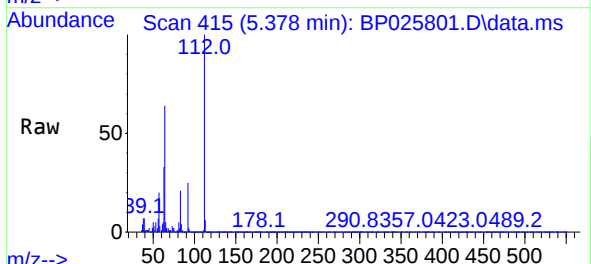
Instrument :  
BNA\_P  
ClientSampleId :

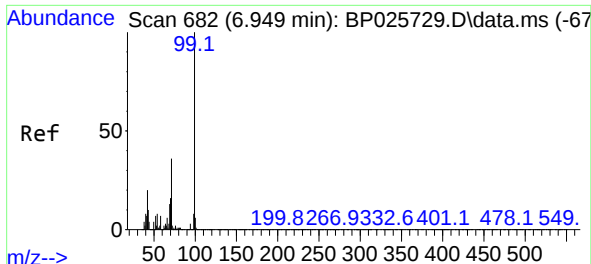
Tgt Ion:152 Resp: 178989  
Ion Ratio Lower Upper  
152 100  
150 159.9 124.3 186.5  
115 62.9 50.3 75.5



#5  
2-Fluorophenol  
Concen: 45.794 ng  
RT: 5.378 min Scan# 415  
Delta R.T. -0.006 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

Tgt Ion:112 Resp: 507983  
Ion Ratio Lower Upper  
112 100  
64 63.9 50.2 75.4  
63 33.1 26.7 40.1

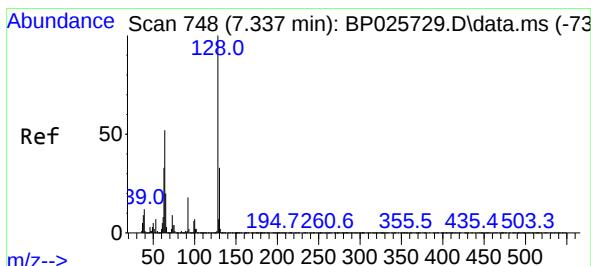
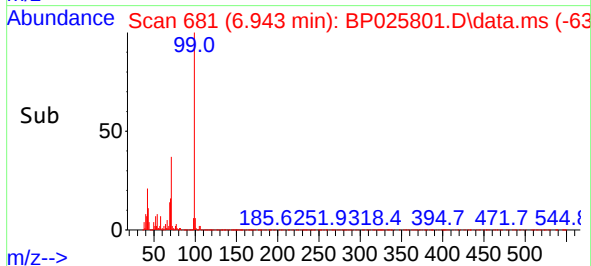
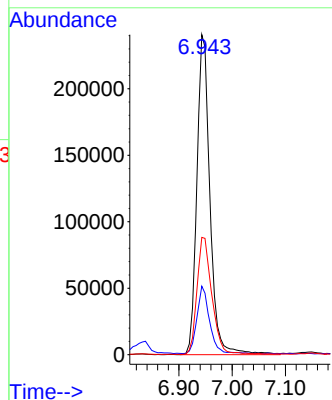
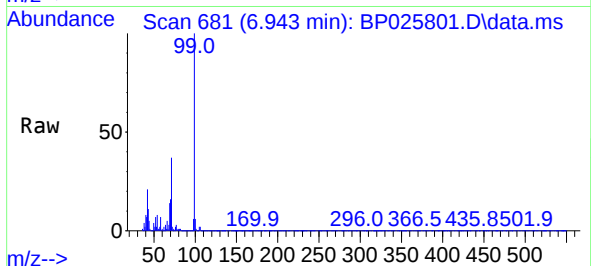




#7  
Phenol-d6  
Concen: 27.957 ng  
RT: 6.943 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

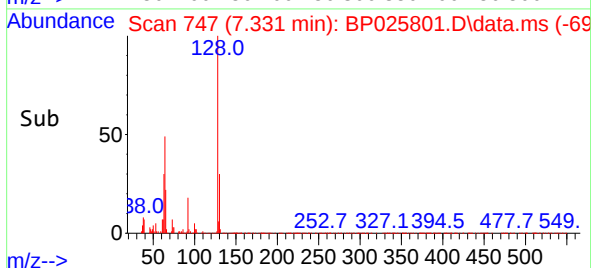
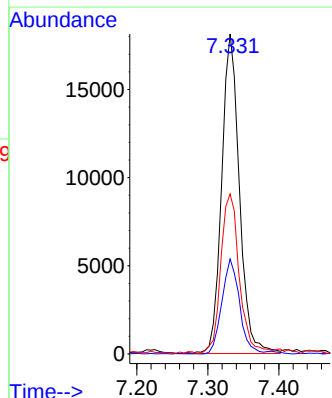
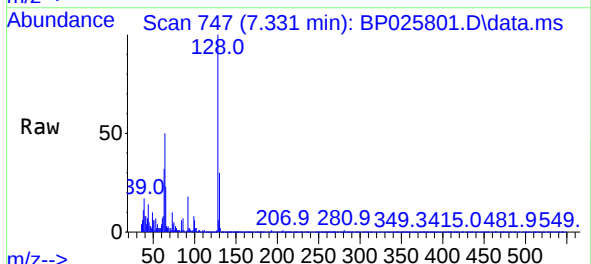
Instrument :  
BNA\_P  
ClientSampleId :

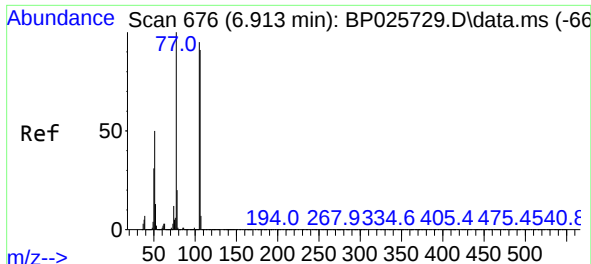
Tgt Ion: 99 Resp: 412208  
Ion Ratio Lower Upper  
99 100  
42 21.4 15.6 23.4  
71 36.6 28.6 43.0



#8  
2-Chlorophenol  
Concen: 2.579 ng  
RT: 7.331 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

Tgt Ion:128 Resp: 31380  
Ion Ratio Lower Upper  
128 100  
130 29.7 12.6 52.6  
64 50.0 31.6 71.6

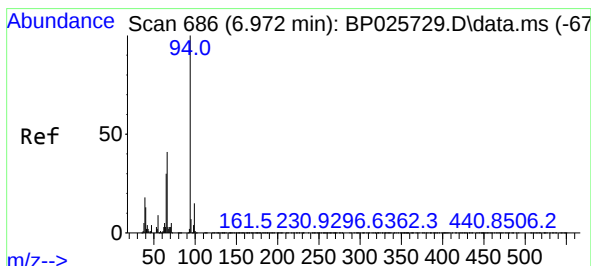
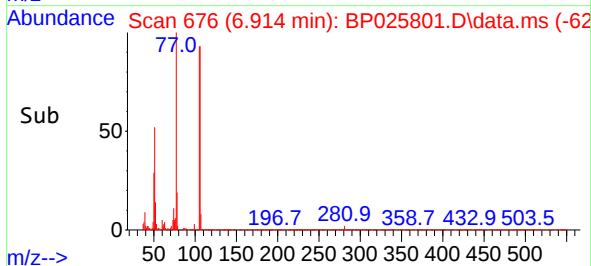
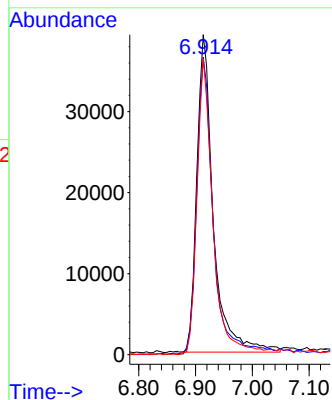
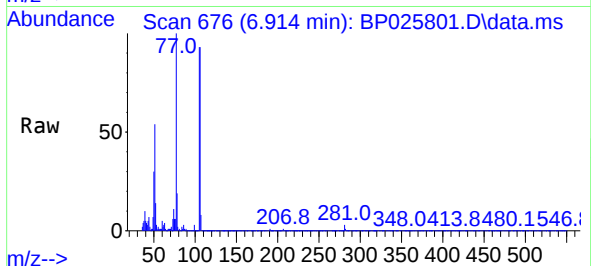




#9  
Benzaldehyde  
Concen: 8.971 ng  
RT: 6.914 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

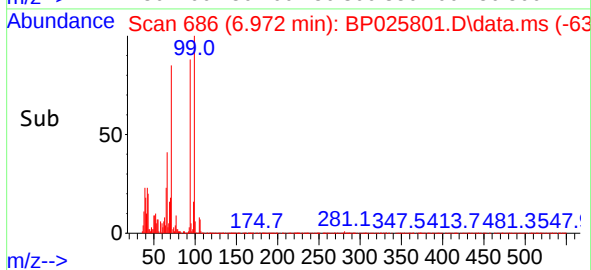
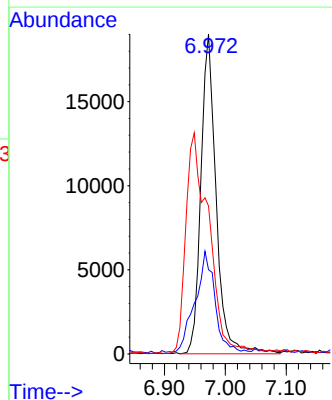
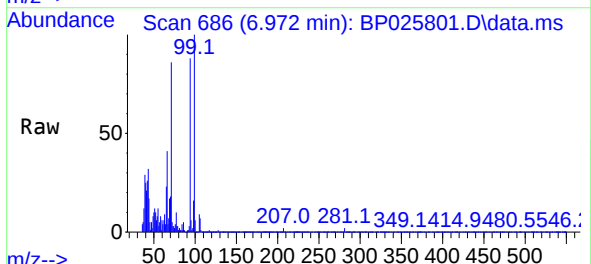
Instrument :  
BNA\_P  
ClientSampleId :

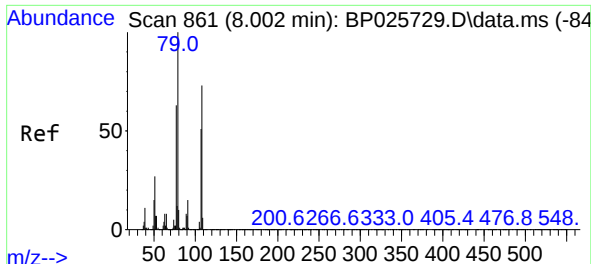
Tgt Ion: 77 Resp: 79282  
Ion Ratio Lower Upper  
77 100  
105 93.0 75.2 115.2  
106 92.7 71.3 111.3



#10  
Phenol  
Concen: 2.129 ng  
RT: 6.972 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

Tgt Ion: 94 Resp: 33100  
Ion Ratio Lower Upper  
94 100  
65 26.3 10.2 50.2  
66 46.3 21.4 61.4

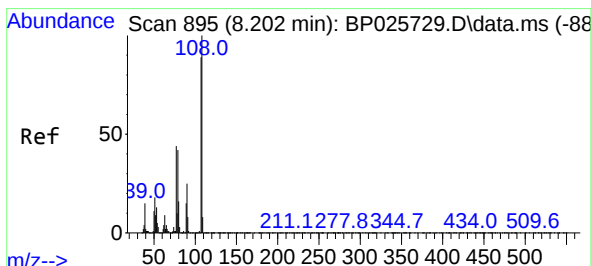
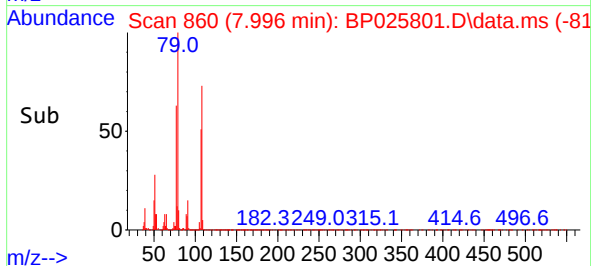
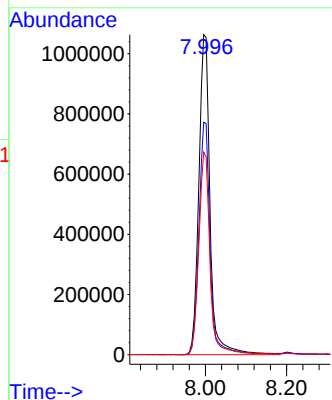
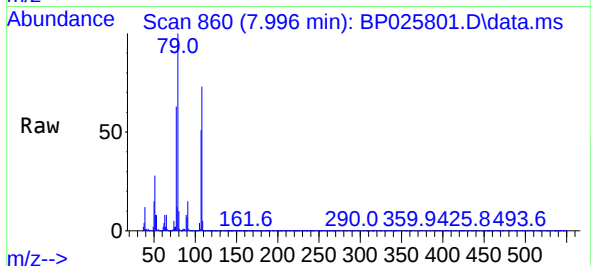




#15  
Benzyl Alcohol  
Concen: 168.170 ng  
RT: 7.996 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

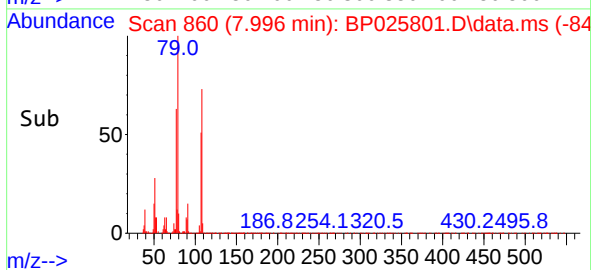
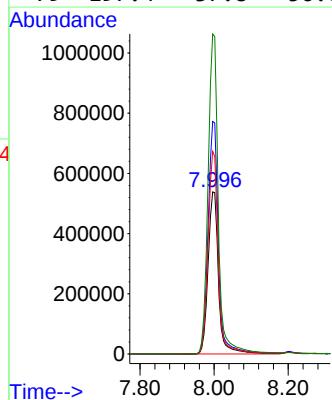
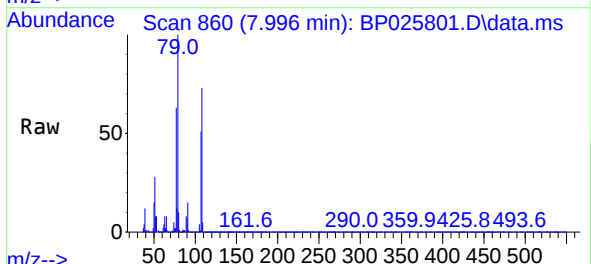
Instrument :  
BNA\_P  
ClientSampleId :

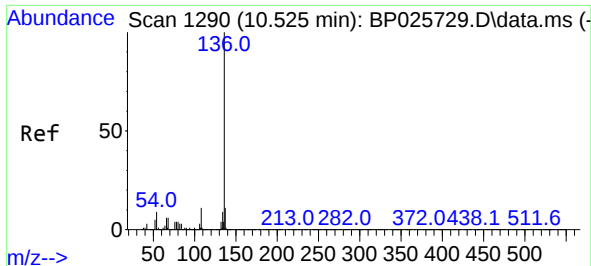
Tgt Ion: 79 Resp: 2048935  
Ion Ratio Lower Upper  
79 100  
108 72.6 58.7 88.1  
77 63.3 50.2 75.2



#17  
2-Methylphenol  
Concen: 100.539 ng  
RT: 7.996 min Scan# 860  
Delta R.T. -0.206 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

Tgt Ion: 107 Resp: 1053844  
Ion Ratio Lower Upper  
107 100  
108 143.4 89.6 134.4#  
77 124.9 39.3 58.9#  
79 197.4 37.8 56.6#

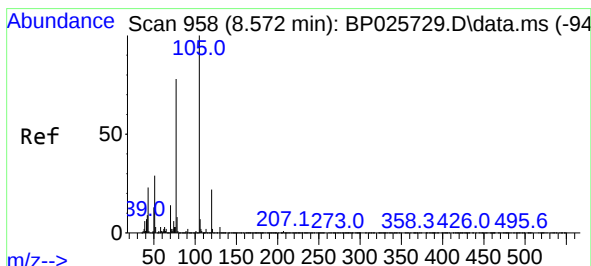
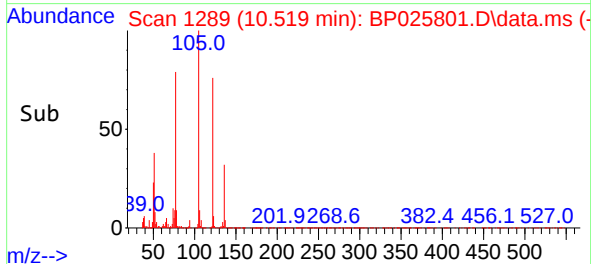
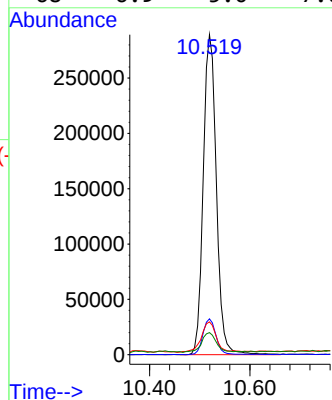
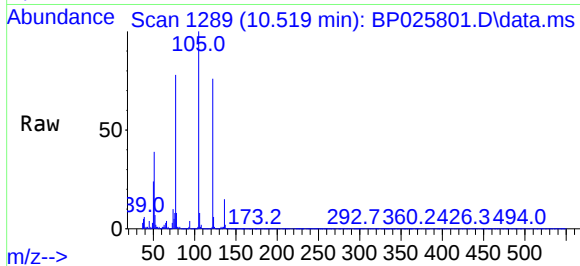




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.519 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

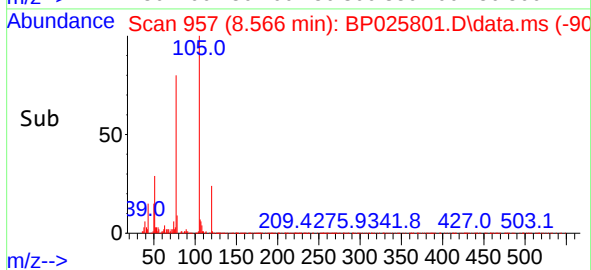
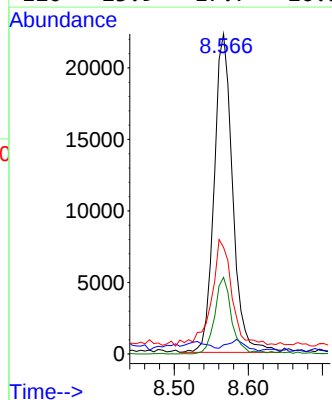
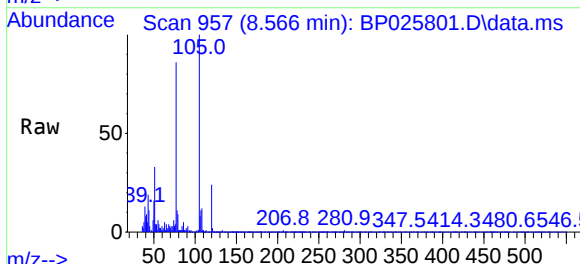
Instrument :  
BNA\_P  
ClientSampleId :

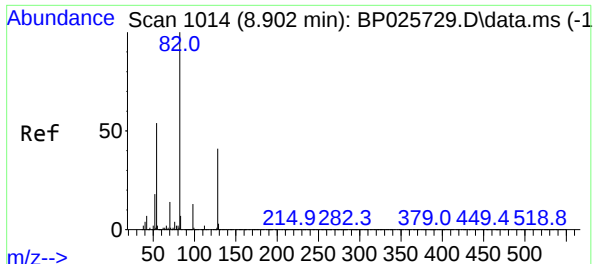
Tgt Ion:136 Resp: 525343  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.7 13.1  
54 10.3 7.5 11.3  
68 6.9 5.0 7.6



#22  
Acetophenone  
Concen: 2.753 ng  
RT: 8.566 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

Tgt Ion:105 Resp: 38643  
Ion Ratio Lower Upper  
105 100  
71 2.8 1.8 2.8#  
51 33.3 23.5 35.3  
120 23.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 122.562 ng

RT: 8.896 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP025801.D

Acq: 19 Sep 2025 16:28

Instrument :

BNA\_P

ClientSampleId :

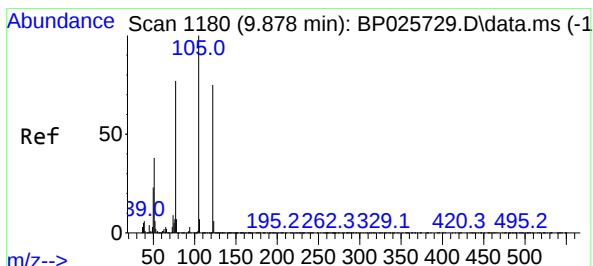
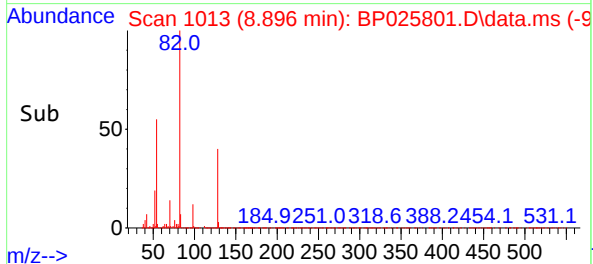
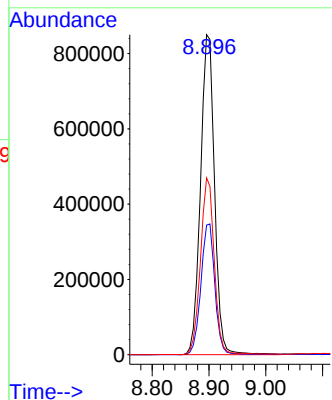
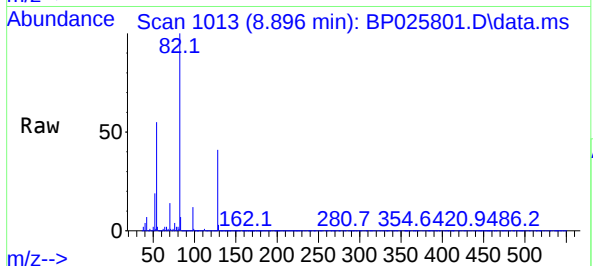
Tgt Ion: 82 Resp: 1459656

Ion Ratio Lower Upper

82 100

128 40.5 32.9 49.3

54 55.3 43.4 65.2



#32

Benzoic acid

Concen: 733.318 ng

RT: 10.090 min Scan# 1216

Delta R.T. 0.212 min

Lab File: BP025801.D

Acq: 19 Sep 2025 16:28

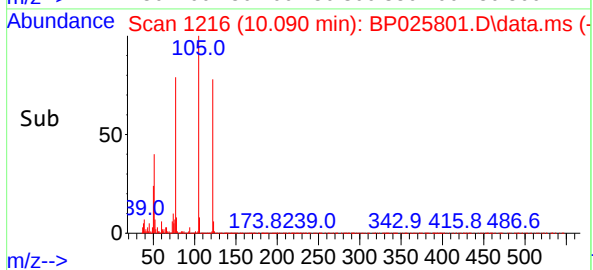
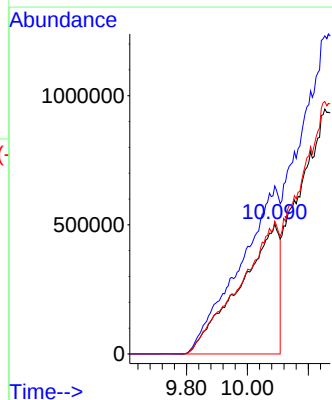
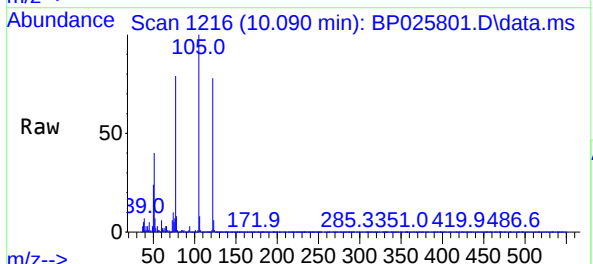
Tgt Ion:122 Resp: 4537096

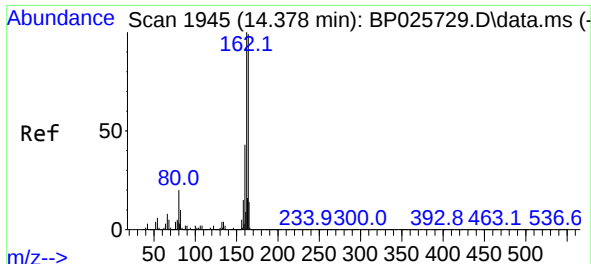
Ion Ratio Lower Upper

122 100

105 128.8 111.5 151.5

77 101.9 81.8 121.8

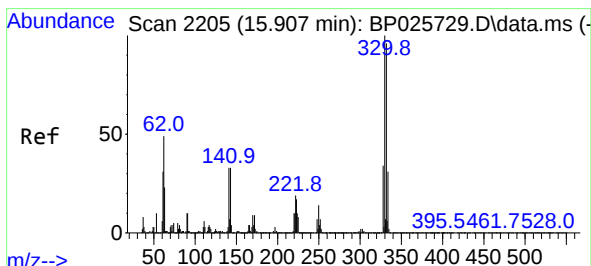
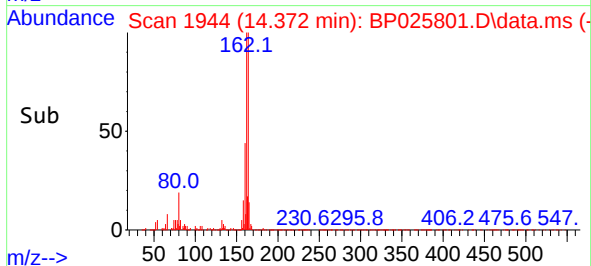
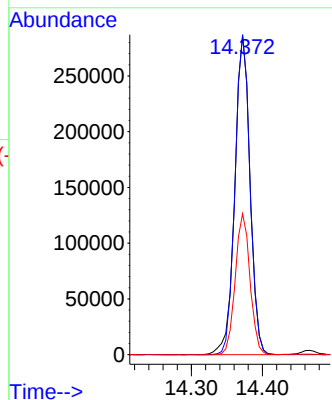
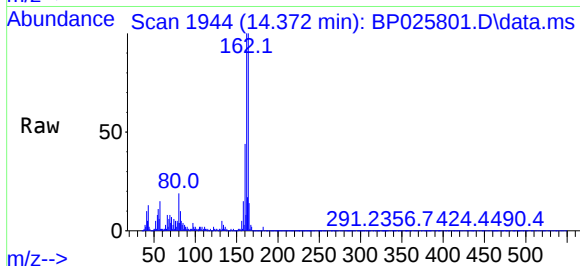




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.372 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

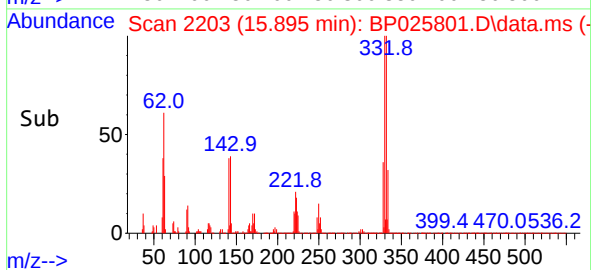
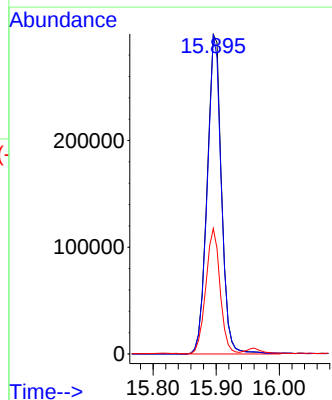
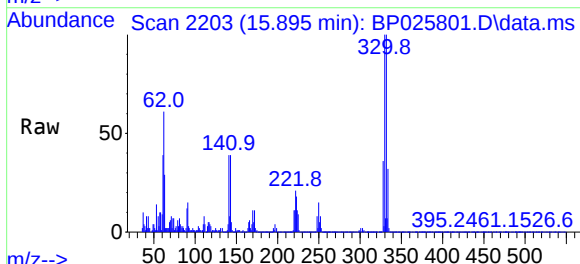
Instrument :  
BNA\_P  
ClientSampleId :

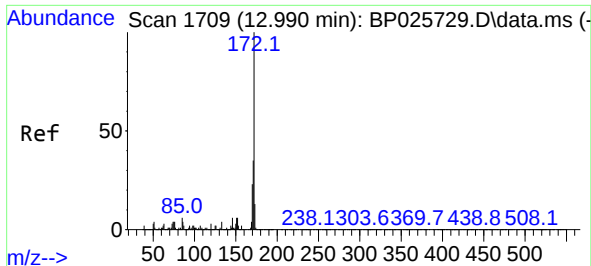
Tgt Ion:164 Resp: 428315  
Ion Ratio Lower Upper  
164 100  
162 100.3 80.6 120.8  
160 44.2 35.0 52.6



#42  
2,4,6-Tribromophenol  
Concen: 88.524 ng  
RT: 15.895 min Scan# 2203  
Delta R.T. -0.012 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

Tgt Ion:330 Resp: 472927  
Ion Ratio Lower Upper  
330 100  
332 97.8 76.9 115.3  
141 38.7 31.0 46.4

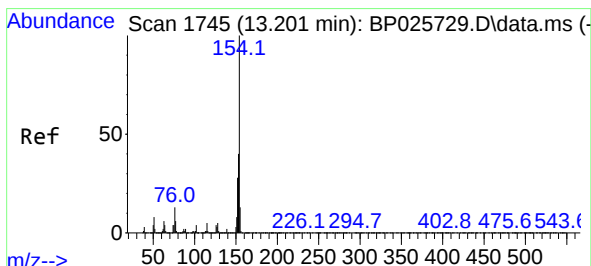
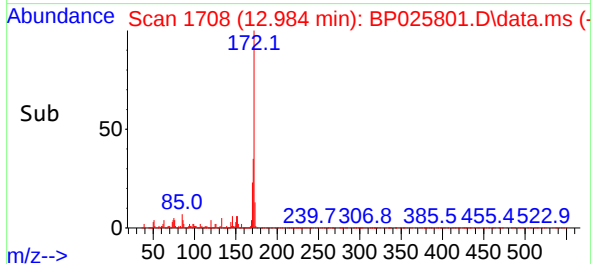
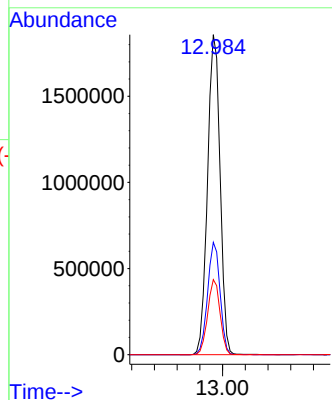
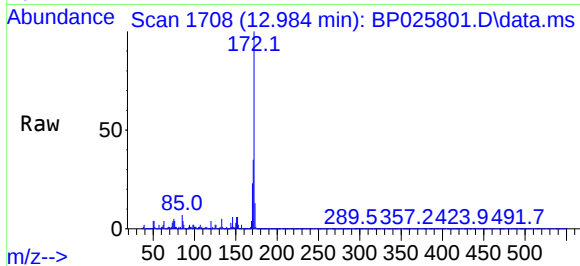




#45  
2-Fluorobiphenyl  
Concen: 88.160 ng  
RT: 12.984 min Scan# 1708  
Delta R.T. -0.006 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

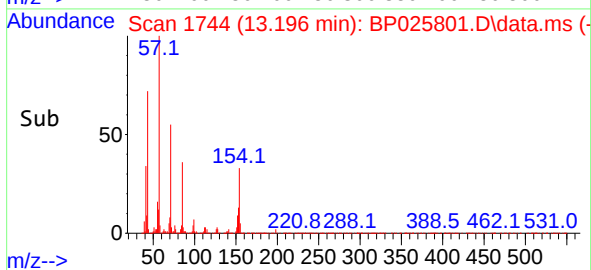
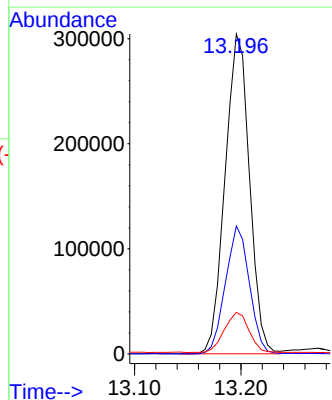
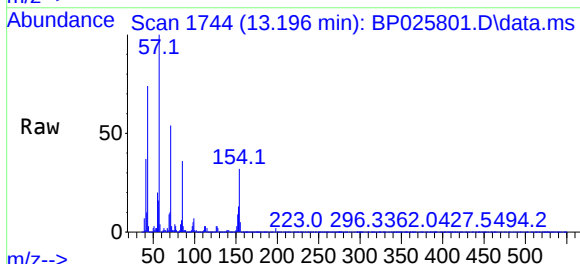
Instrument :  
BNA\_P  
ClientSampleId :

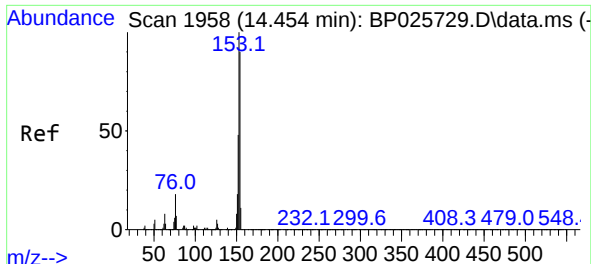
Tgt Ion:172 Resp: 2835892  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.8 41.6  
170 23.5 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 15.394 ng  
RT: 13.196 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

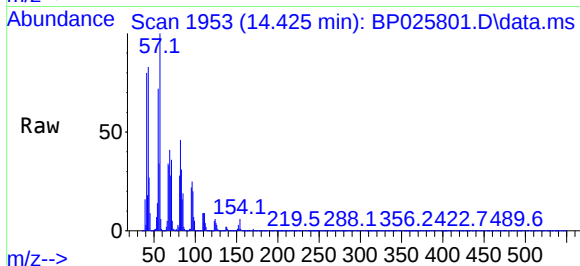
Tgt Ion:154 Resp: 483957  
Ion Ratio Lower Upper  
154 100  
153 40.0 19.7 59.7  
76 13.0 0.0 33.3



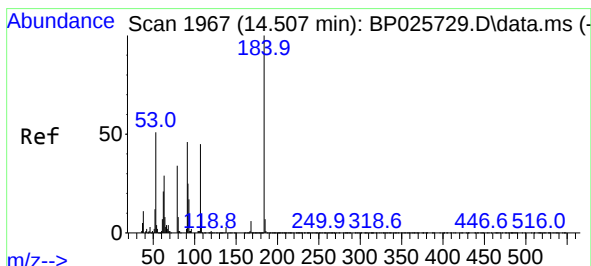
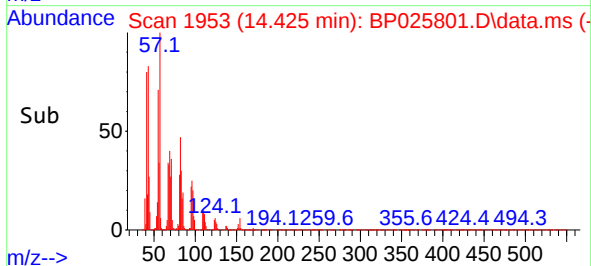
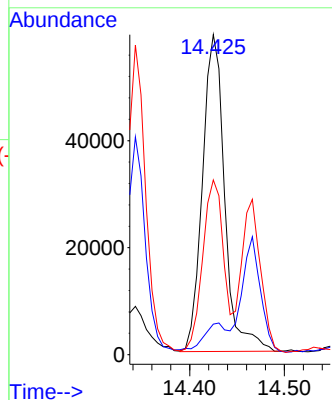


#52  
Acenaphthene  
Concen: 4.075 ng  
RT: 14.425 min Scan# 1953  
Delta R.T. -0.029 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

Instrument :  
BNA\_P  
ClientSampleId :

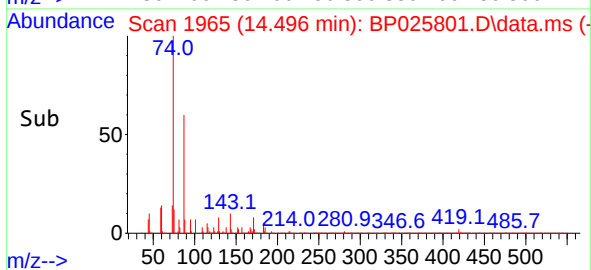
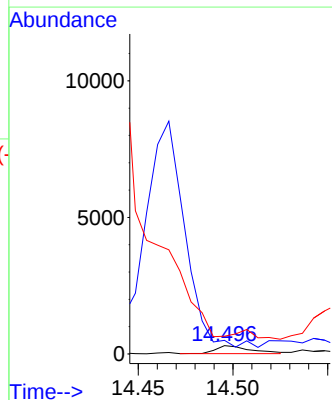
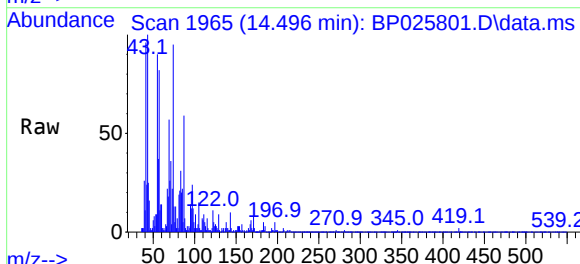


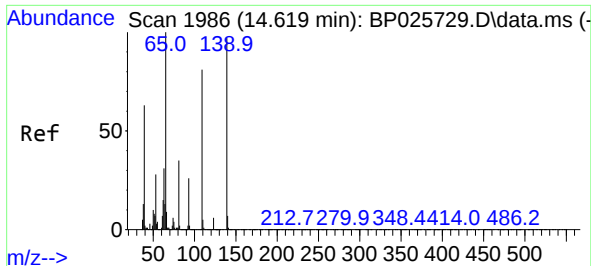
Tgt Ion:154 Resp: 96393  
Ion Ratio Lower Upper  
154 100  
153 9.6 89.4 134.0#  
152 54.6 42.5 63.7



#54  
2,4-Dinitrophenol  
Concen: 4.901 ng  
RT: 14.496 min Scan# 1965  
Delta R.T. -0.011 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

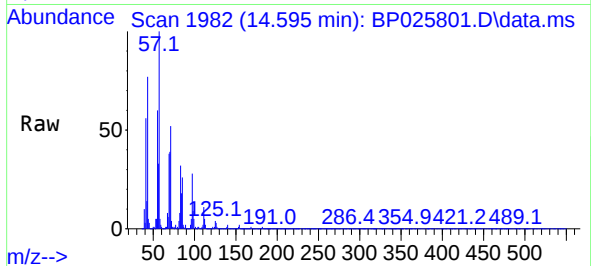
Tgt Ion:184 Resp: 365  
Ion Ratio Lower Upper  
184 100  
63 161.2 52.5 78.7#  
154 212.1 51.5 77.3#



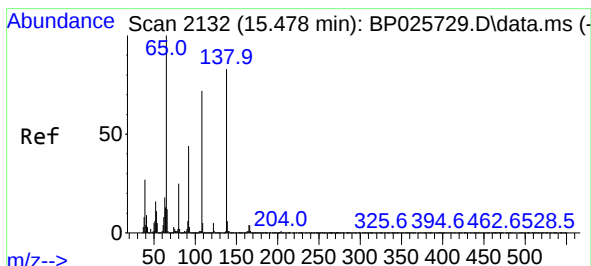
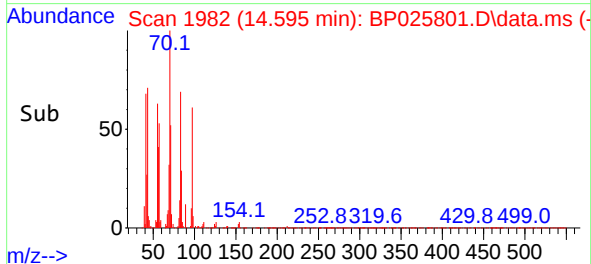
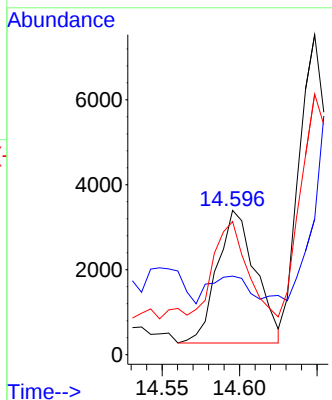


#56  
4-Nitrophenol  
Concen: 5.292 ng  
RT: 14.595 min Scan# 1986  
Delta R.T. -0.024 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

Instrument :  
BNA\_P  
ClientSampleId :

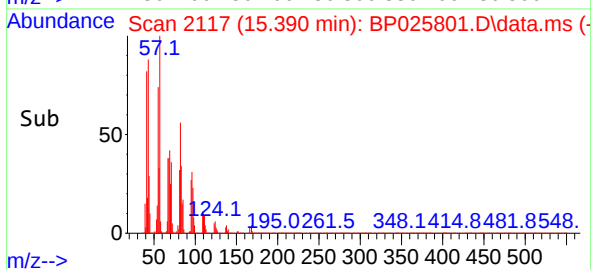
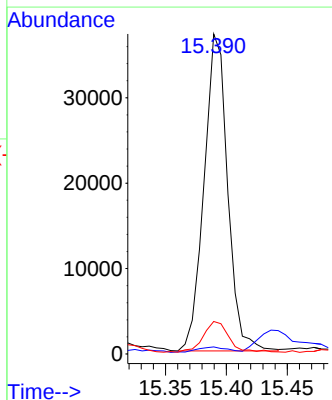
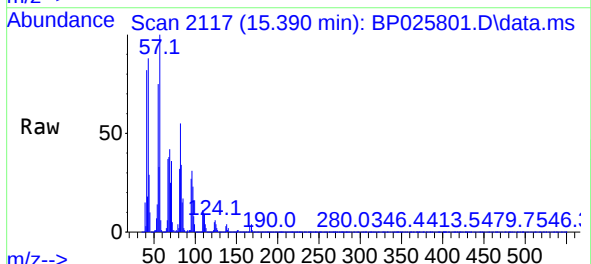


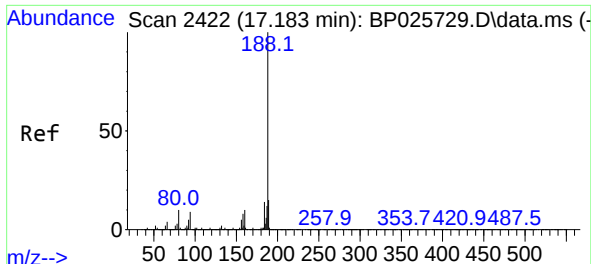
Tgt Ion:139 Resp: 5384  
Ion Ratio Lower Upper  
139 100  
109 54.4 62.9 102.9#  
65 92.3 83.4 123.4



#62  
4-Nitroaniline  
Concen: 6.714 ng  
RT: 15.390 min Scan# 2117  
Delta R.T. -0.088 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

Tgt Ion:138 Resp: 50113  
Ion Ratio Lower Upper  
138 100  
92 2.2 33.3 73.3#  
108 10.2 66.7 106.7#

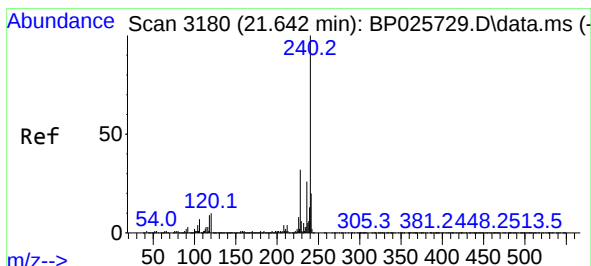
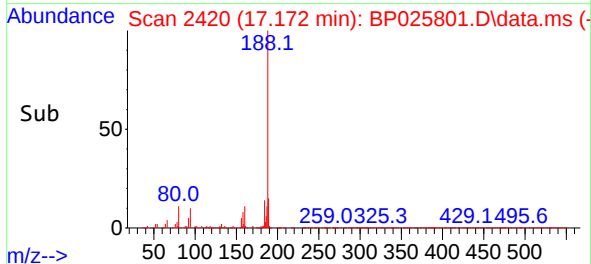
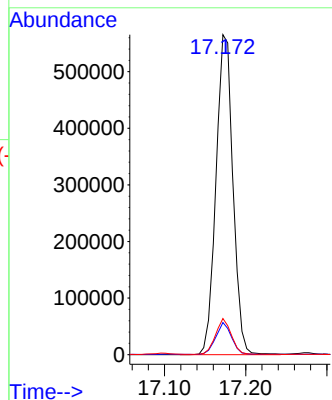
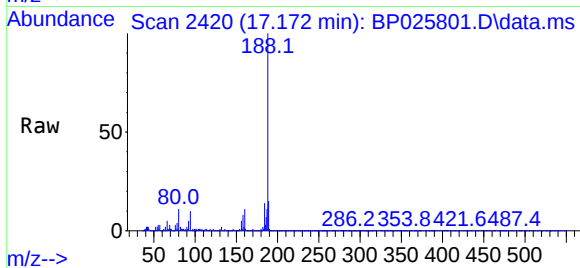




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.172 min Scan# 2422  
Delta R.T. -0.012 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

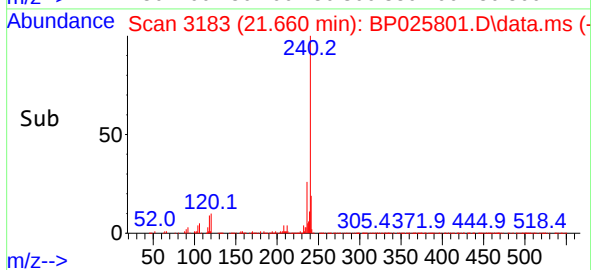
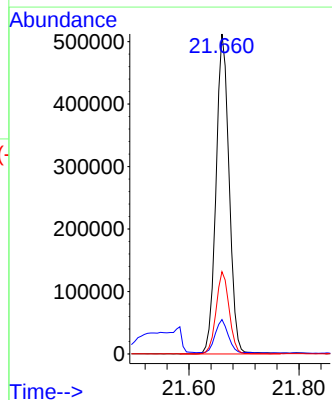
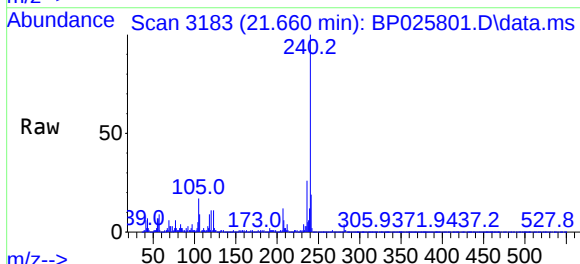
Instrument :  
BNA\_P  
ClientSampleId :

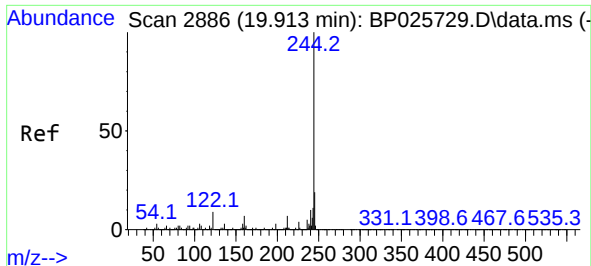
Tgt Ion:188 Resp: 821856  
Ion Ratio Lower Upper  
188 100  
94 10.0 7.4 11.0  
80 11.3 7.7 11.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.660 min Scan# 3183  
Delta R.T. 0.018 min  
Lab File: BP025801.D  
Acq: 19 Sep 2025 16:28

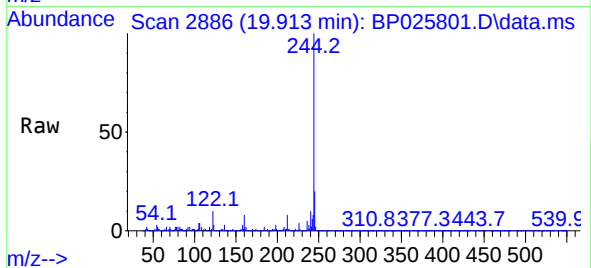
Tgt Ion:240 Resp: 847968  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.0 12.0  
236 25.7 20.7 31.1



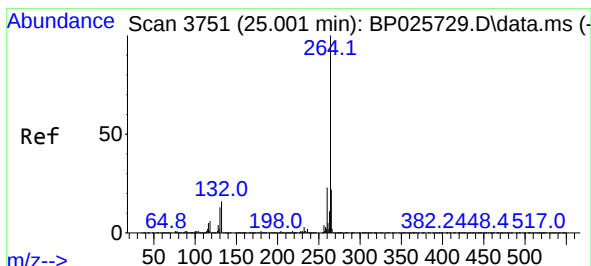
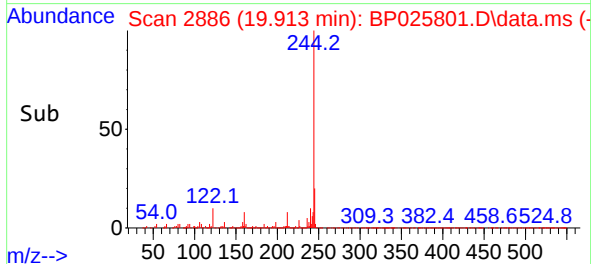
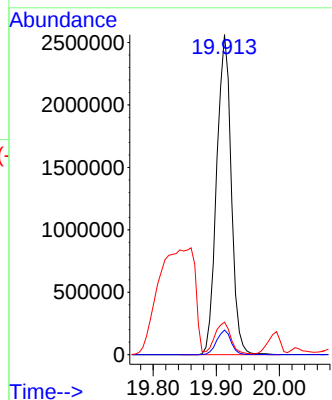


#79  
 Terphenyl-d14  
 Concen: 86.949 ng  
 RT: 19.913 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BP025801.D  
 Acq: 19 Sep 2025 16:28

Instrument :  
 BNA\_P  
 ClientSampleId :



Tgt Ion:244 Resp: 4098435  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 5.9 8.9  
 122 10.1 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.989 min Scan# 3749  
 Delta R.T. -0.012 min  
 Lab File: BP025801.D  
 Acq: 19 Sep 2025 16:28

Tgt Ion:264 Resp: 937917  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.3 27.5  
 265 23.0 17.3 25.9

