

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052025\  
 Data File : BP024704.D  
 Acq On : 20 May 2025 12:33  
 Operator : RC/JU  
 Sample : PB168052BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB168052BL

Quant Time: May 20 13:05:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 13 16:21:39 2025  
 Response via : Initial Calibration

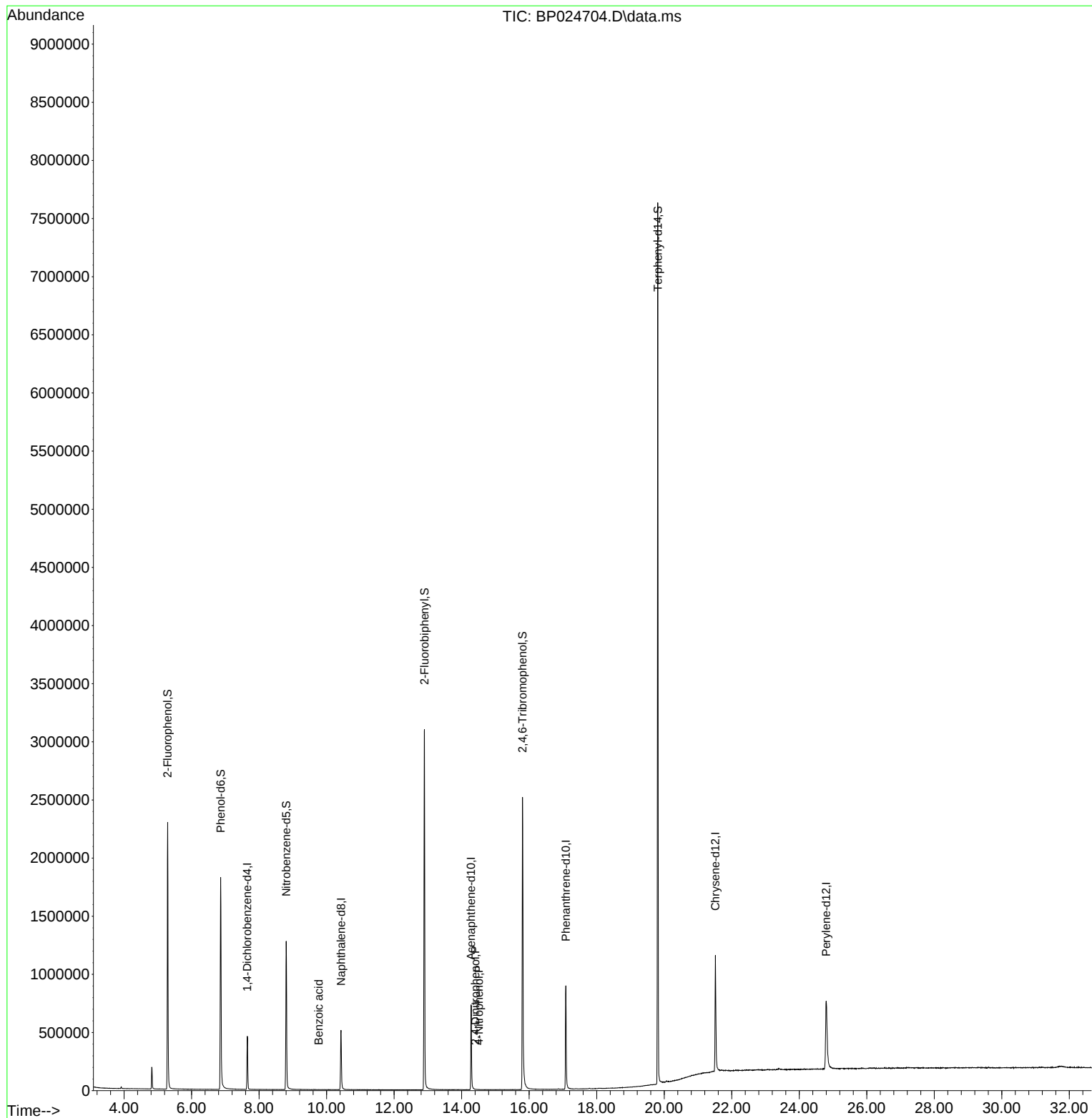
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.652  | 152  | 128612   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.428 | 136  | 471746   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.281 | 164  | 278297   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.086 | 188  | 578330   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.516 | 240  | 678376   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.798 | 264  | 779891   | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.293  | 112  | 1015156  | 135.002 | ng    | 0.00     |
| 7) Phenol-d6                | 6.863  | 99   | 1178271  | 122.775 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 8.804  | 82   | 747015   | 80.009  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.804 | 330  | 696273   | 147.580 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.898 | 172  | 1719877  | 80.966  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.810 | 244  | 3509752  | 88.714  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 32) Benzoic acid            | 9.763  | 122  | 22       | 7.472   | ng    | # 1      |
| 54) 2,4-Dinitrophenol       | 14.404 | 184  | 32       | 6.411   | ng    | # 64     |
| 56) 4-Nitrophenol           | 14.510 | 139  | 7        | 4.236   | ng    | # 69     |
| -----                       |        |      |          |         |       |          |

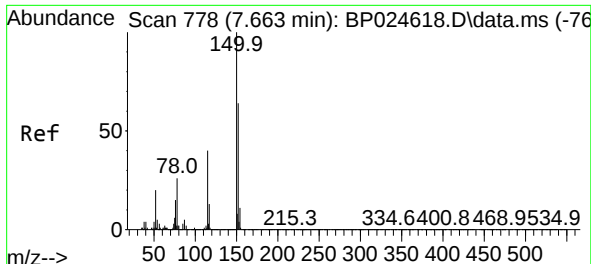
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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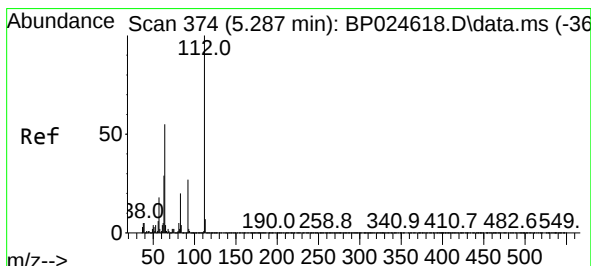
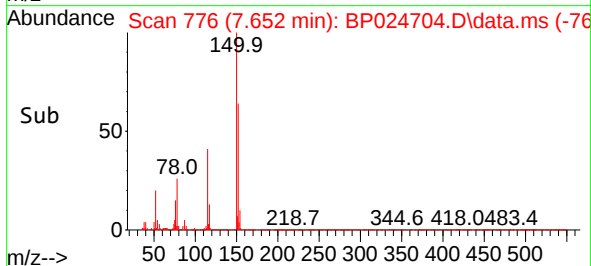
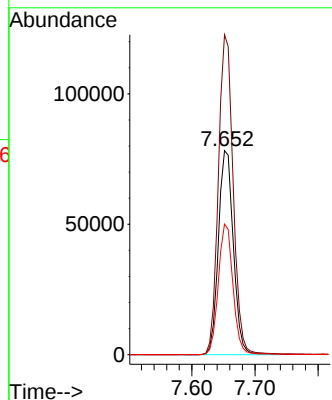
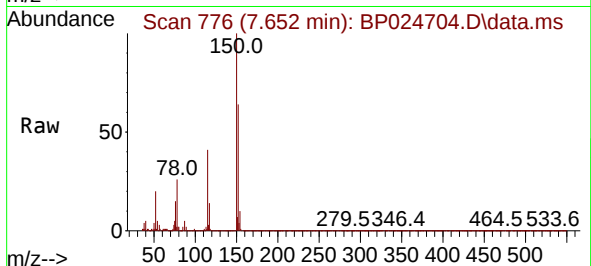




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.652 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BP024704.D  
Acq: 20 May 2025 12:33

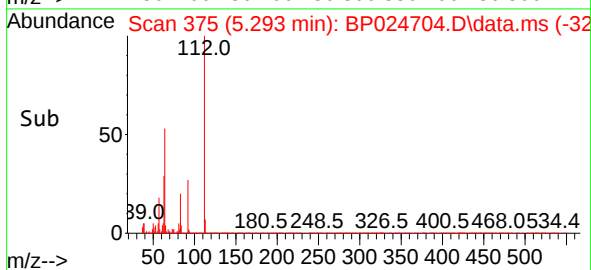
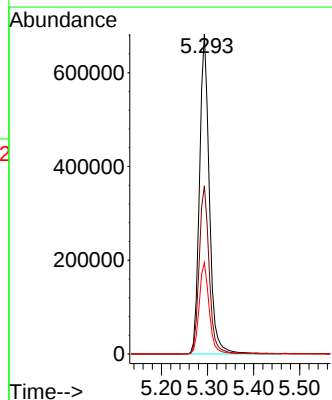
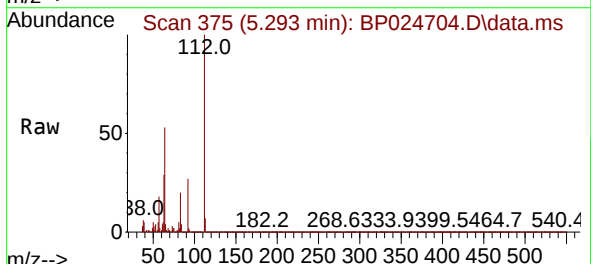
Instrument :  
BNA\_P  
ClientSampleId :  
PB168052BL

Tgt Ion:152 Resp: 128612  
Ion Ratio Lower Upper  
152 100  
150 156.8 125.9 188.9  
115 64.0 50.1 75.1



#5  
2-Fluorophenol  
Concen: 135.002 ng  
RT: 5.293 min Scan# 375  
Delta R.T. 0.006 min  
Lab File: BP024704.D  
Acq: 20 May 2025 12:33

Tgt Ion:112 Resp: 1015156  
Ion Ratio Lower Upper  
112 100  
64 52.5 44.1 66.1  
63 28.6 23.5 35.3



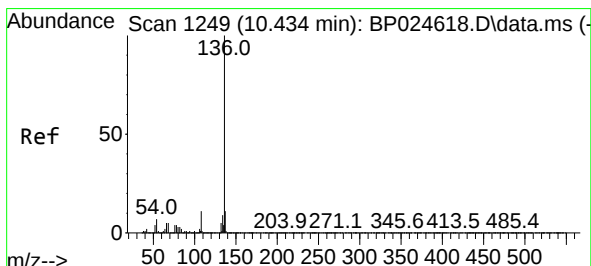
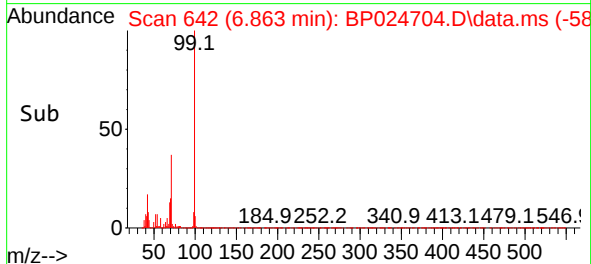
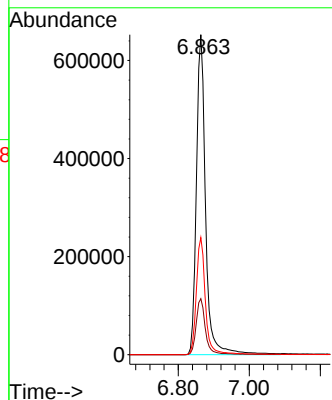
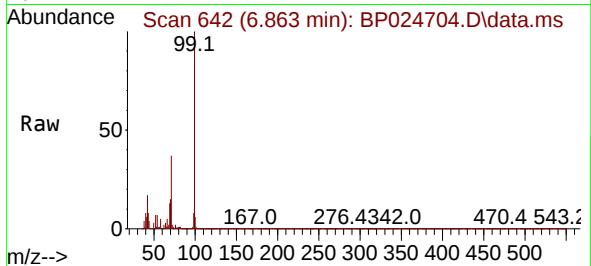


#7  
Phenol-d6  
Concen: 122.775 ng  
RT: 6.863 min Scan# 64  
Delta R.T. 0.012 min  
Lab File: BP024704.D  
Acq: 20 May 2025 12:33

Instrument :  
BNA\_P  
ClientSampleId :  
PB168052BL

Tgt Ion: 99 Resp: 1178271

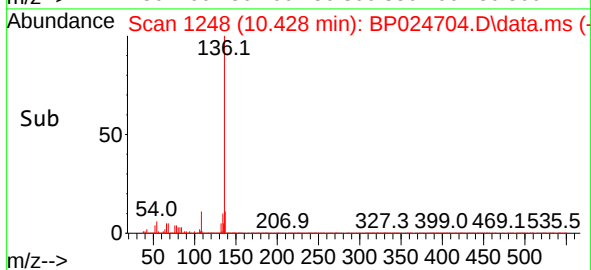
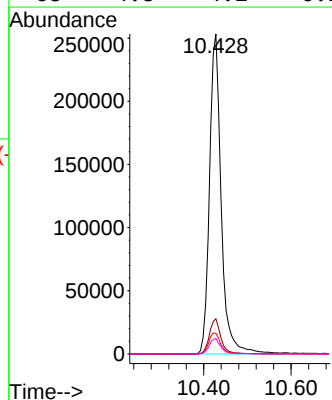
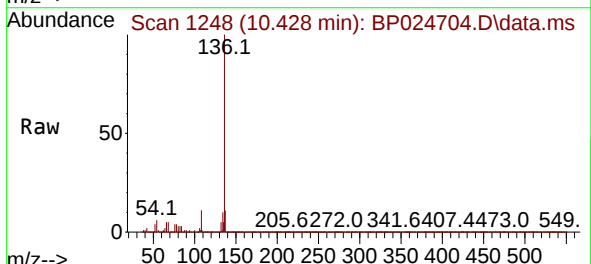
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.5  | 14.4  | 21.6  |
| 71  | 36.6  | 29.2  | 43.8  |

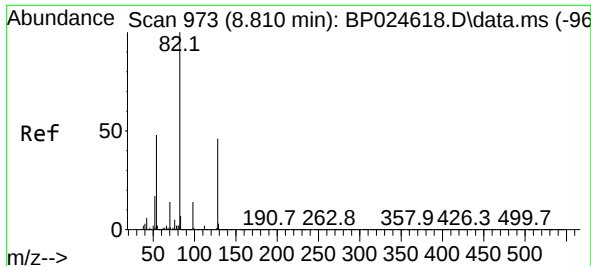


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.428 min Scan# 1248  
Delta R.T. -0.006 min  
Lab File: BP024704.D  
Acq: 20 May 2025 12:33

Tgt Ion: 136 Resp: 471746

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.8   | 13.2  |
| 54  | 6.4   | 5.5   | 8.3   |
| 68  | 4.8   | 4.2   | 6.2   |

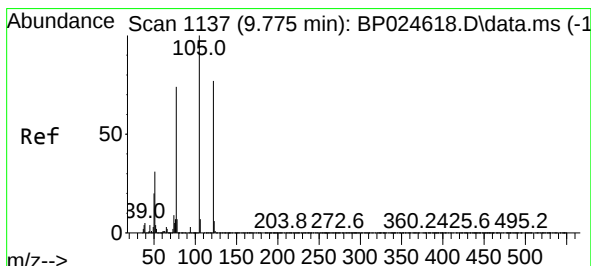
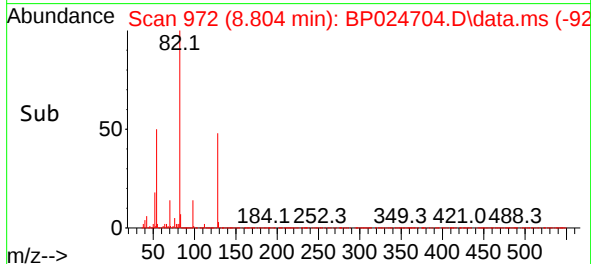
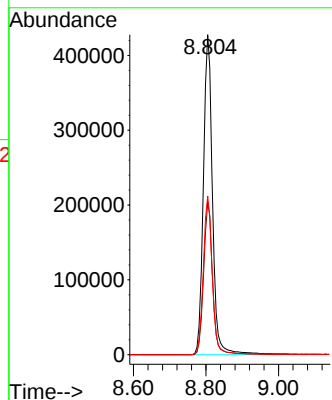
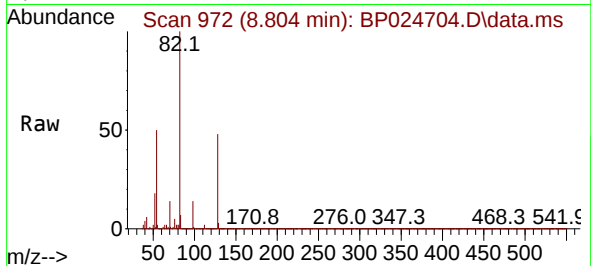




#23  
Nitrobenzene-d5  
Concen: 80.009 ng  
RT: 8.804 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP024704.D  
Acq: 20 May 2025 12:33

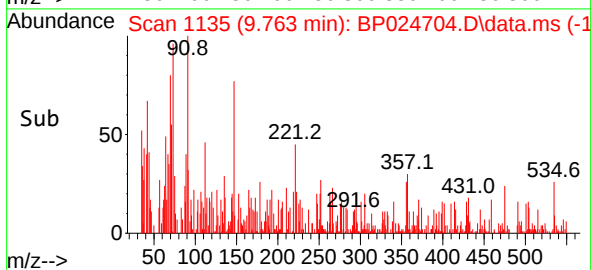
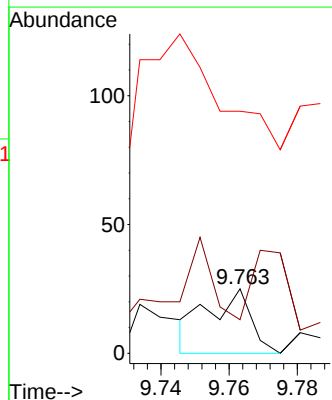
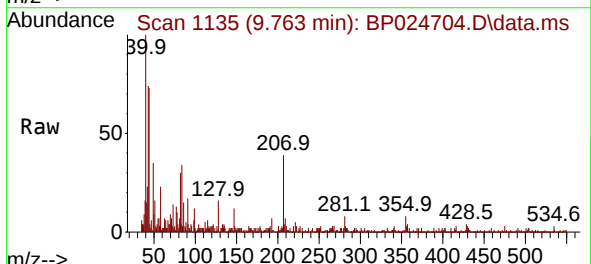
Instrument :  
BNA\_P  
ClientSampleId :  
PB168052BL

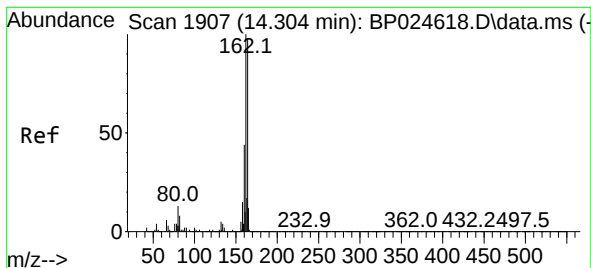
Tgt Ion: 82 Resp: 747015  
Ion Ratio Lower Upper  
82 100  
128 47.6 37.0 55.4  
54 49.6 38.7 58.1



#32  
Benzoic acid  
Concen: 7.472 ng  
RT: 9.763 min Scan# 1135  
Delta R.T. -0.012 min  
Lab File: BP024704.D  
Acq: 20 May 2025 12:33

Tgt Ion: 122 Resp: 22  
Ion Ratio Lower Upper  
122 100  
105 50.0 106.9 146.9#  
77 361.5 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.281 min Scan# 1903

Delta R.T. -0.024 min

Lab File: BP024704.D

Acq: 20 May 2025 12:33

Instrument :

BNA\_P

ClientSampleId :

PB168052BL

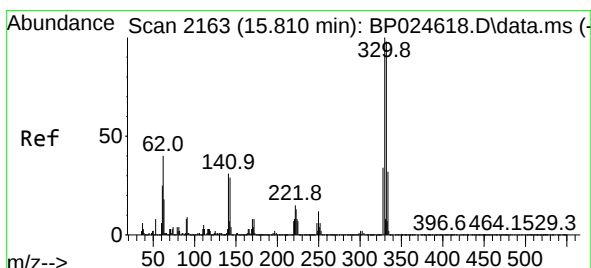
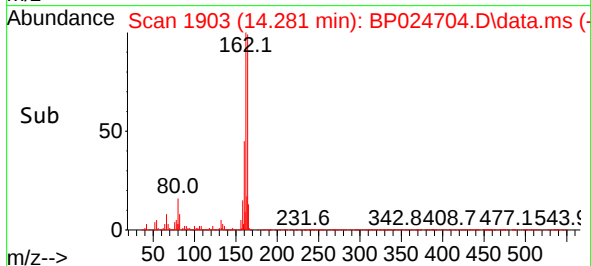
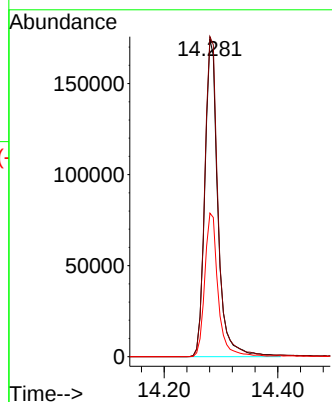
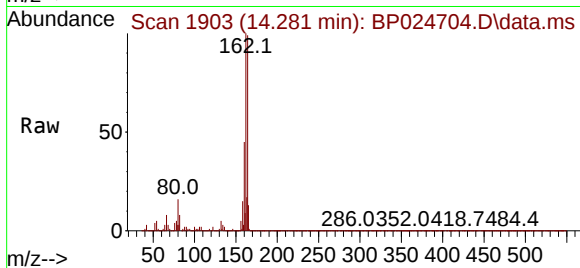
Tgt Ion:164 Resp: 278297

Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.6

160 45.2 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 147.580 ng

RT: 15.804 min Scan# 2162

Delta R.T. -0.006 min

Lab File: BP024704.D

Acq: 20 May 2025 12:33

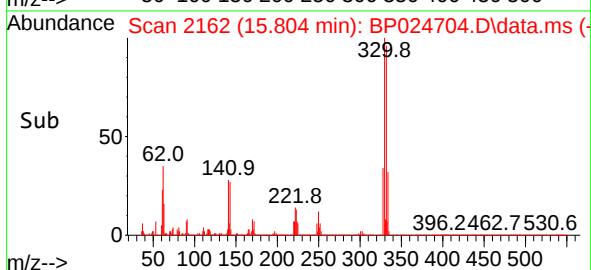
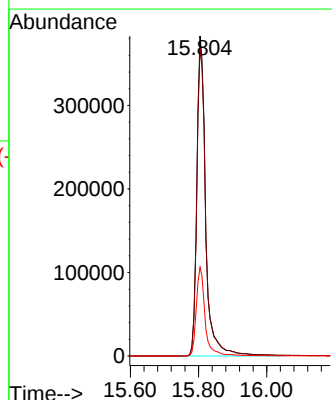
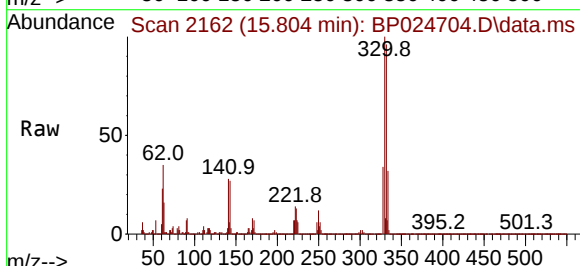
Tgt Ion:330 Resp: 696273

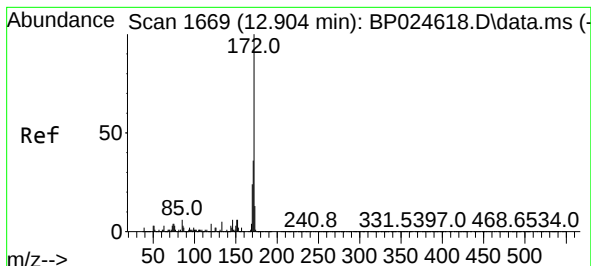
Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

141 27.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 80.966 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024704.D

Acq: 20 May 2025 12:33

Instrument :

BNA\_P

ClientSampleId :

PB168052BL

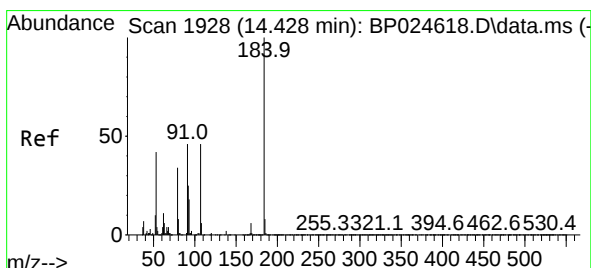
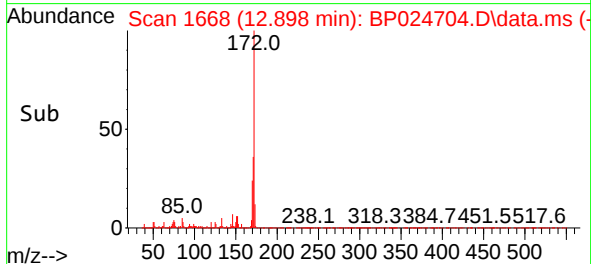
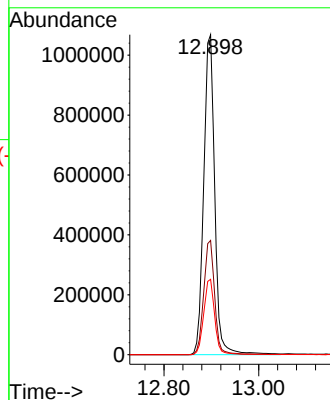
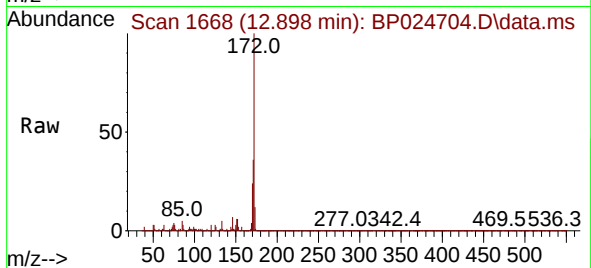
Tgt Ion:172 Resp: 1719877

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.6 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.411 ng

RT: 14.404 min Scan# 1924

Delta R.T. -0.024 min

Lab File: BP024704.D

Acq: 20 May 2025 12:33

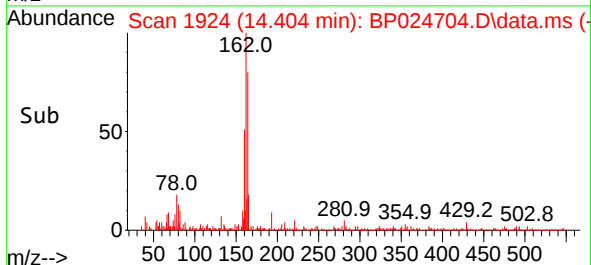
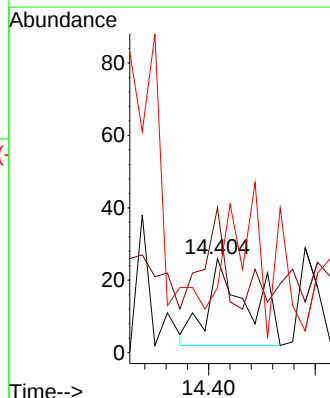
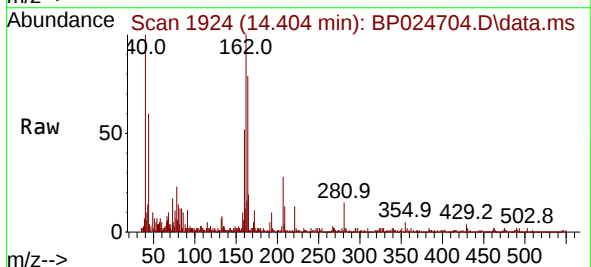
Tgt Ion:184 Resp: 32

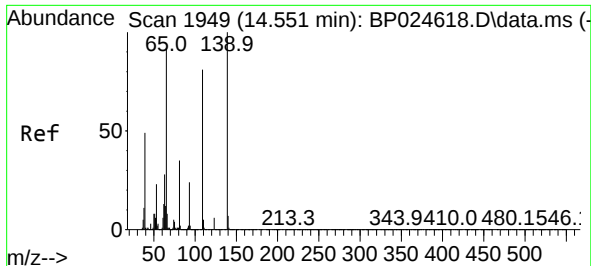
Ion Ratio Lower Upper

184 100

63 100.0 51.3 76.9#

154 45.0 53.5 80.3#

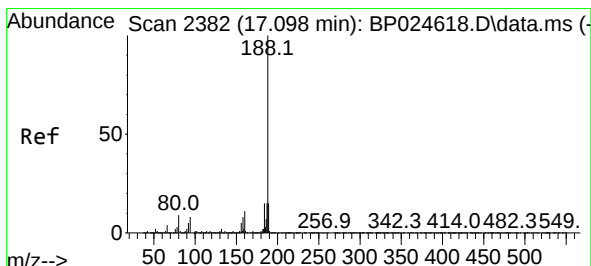
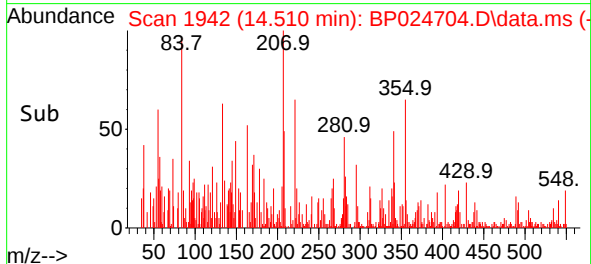
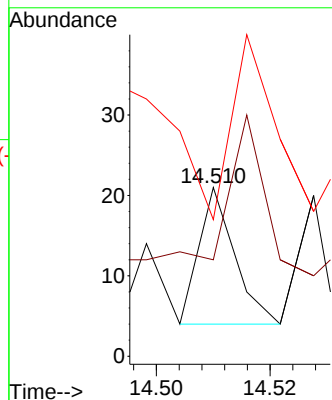
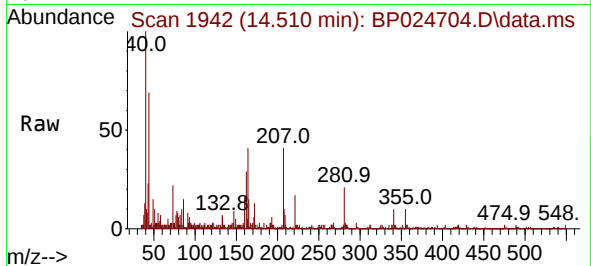




#56  
4-Nitrophenol  
Concen: 4.236 ng  
RT: 14.510 min Scan# 1949  
Delta R.T. -0.041 min  
Lab File: BP024704.D  
Acq: 20 May 2025 12:33

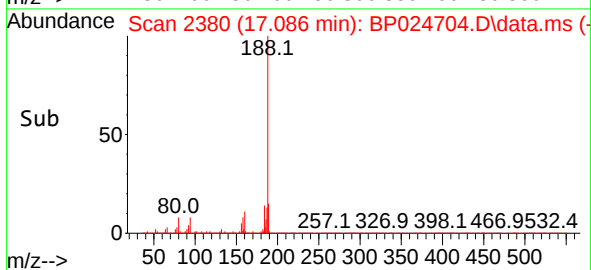
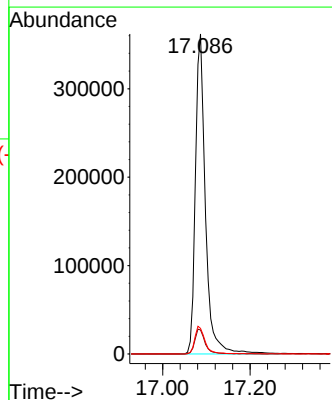
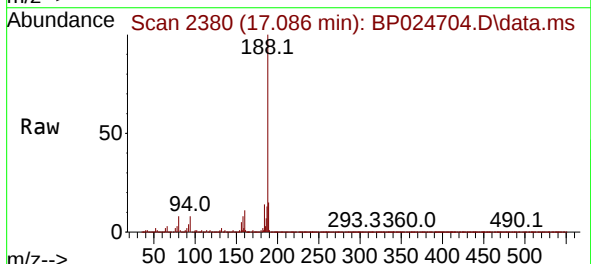
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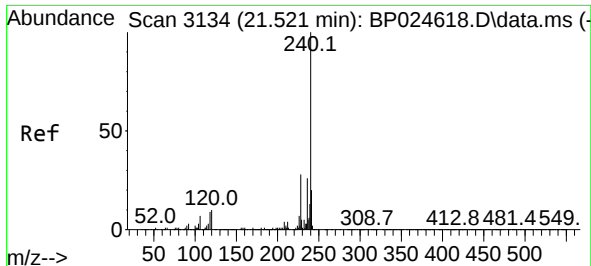
Tgt Ion:139 Resp: 7  
Ion Ratio Lower Upper  
139 100  
109 128.6 61.4 101.4#  
65 81.0 72.2 112.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.086 min Scan# 2380  
Delta R.T. -0.012 min  
Lab File: BP024704.D  
Acq: 20 May 2025 12:33

Tgt Ion:188 Resp: 578330  
Ion Ratio Lower Upper  
188 100  
94 7.5 6.5 9.7  
80 8.0 7.3 10.9

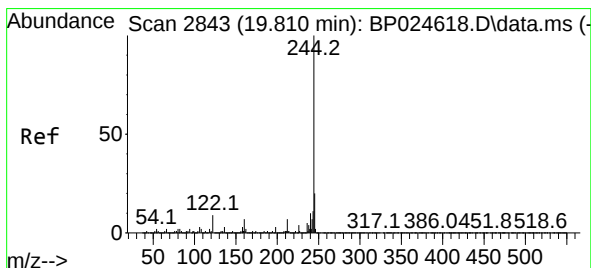
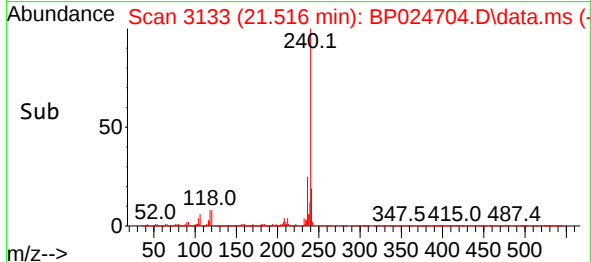
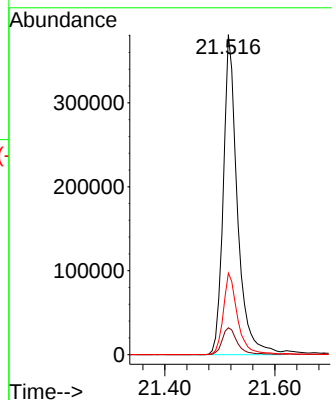
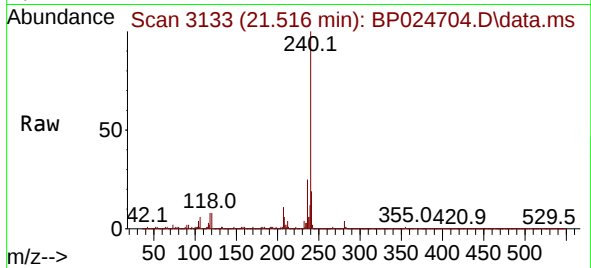




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.516 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BP024704.D  
Acq: 20 May 2025 12:33

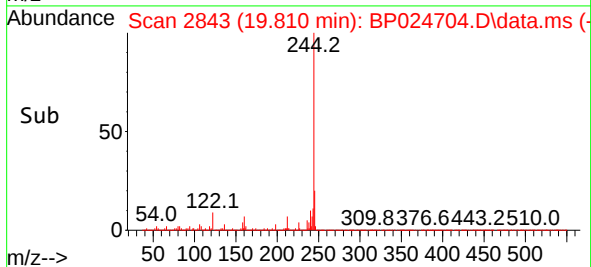
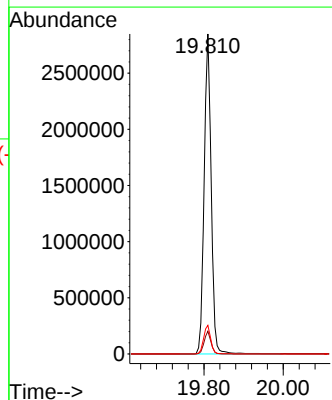
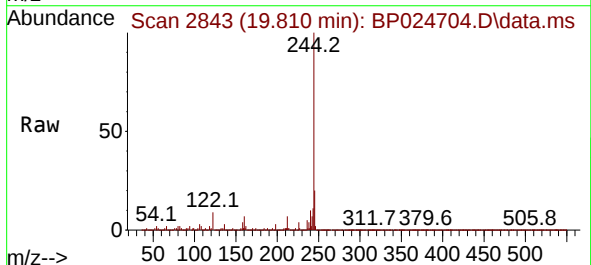
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BNA\_P  
ClientSampleId :  
PB168052BL

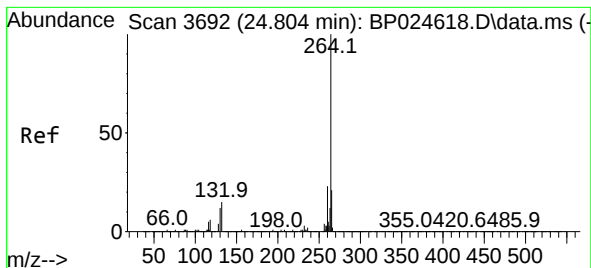
Tgt Ion:240 Resp: 678376  
Ion Ratio Lower Upper  
240 100  
120 8.4 7.8 11.6  
236 25.5 20.6 31.0



#79  
Terphenyl-d14  
Concen: 88.714 ng  
RT: 19.810 min Scan# 2843  
Delta R.T. -0.000 min  
Lab File: BP024704.D  
Acq: 20 May 2025 12:33

Tgt Ion:244 Resp: 3509752  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.5 8.3  
122 8.9 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 30

Delta R.T. -0.006 min

Lab File: BP024704.D

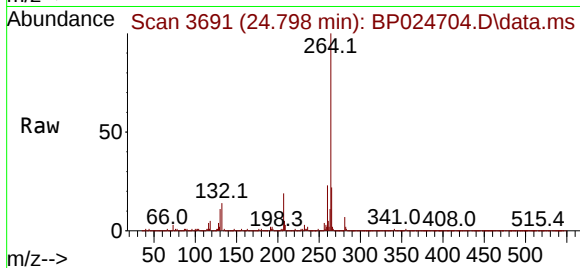
Acq: 20 May 2025 12:33

Instrument :

BNA\_P

ClientSampleId :

PB168052BL



Tgt Ion:264 Resp: 779891

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 22.4 17.0 25.6

