

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051625\  
 Data File : BP024674.D  
 Acq On : 17 May 2025 03:14  
 Operator : RC/JU  
 Sample : Q2034-16  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 L3-WC-4

Quant Time: May 17 04:27:11 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

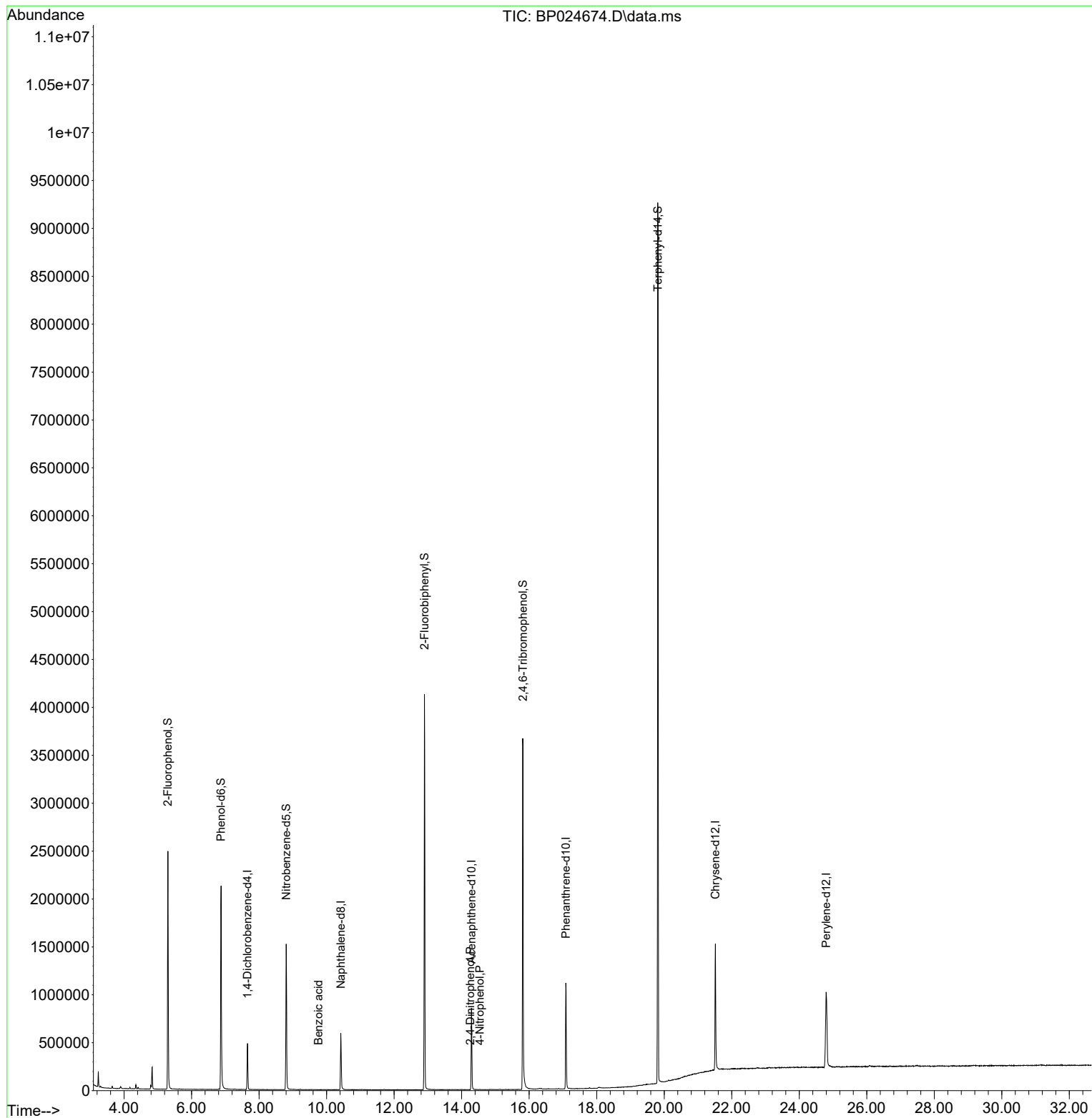
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.658  | 152  | 128490   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.422 | 136  | 489466   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.292 | 164  | 303755   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.086 | 188  | 676724   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.516 | 240  | 784655   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.798 | 264  | 941774   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.299  | 112  | 1097167  | 146.047 | ng    | 0.01     |
| 7) Phenol-d6                | 6.875  | 99   | 1248034  | 130.168 | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 8.805  | 82   | 808785   | 83.489  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.816 | 330  | 899559   | 174.688 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.898 | 172  | 2022073  | 87.214  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.810 | 244  | 4395795  | 96.061  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 32) Benzoic acid            | 9.757  | 122  | 30       | 7.473   | ng    | # 1      |
| 54) 2,4-Dinitrophenol       | 14.257 | 184  | 30       | 6.410   | ng    | 89       |
| 56) 4-Nitrophenol           | 14.540 | 139  | 38       | 4.242   | ng    | # 1      |
| -----                       |        |      |          |         |       |          |

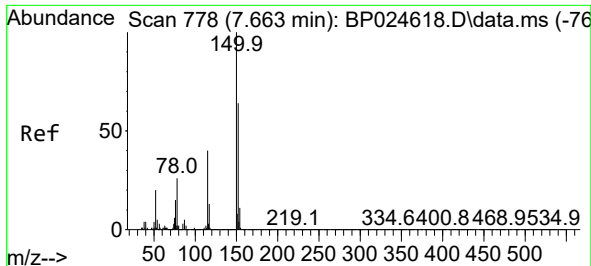
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051625\  
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Acq On : 17 May 2025 03:14  
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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  
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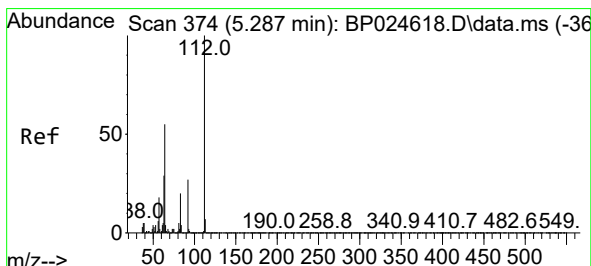
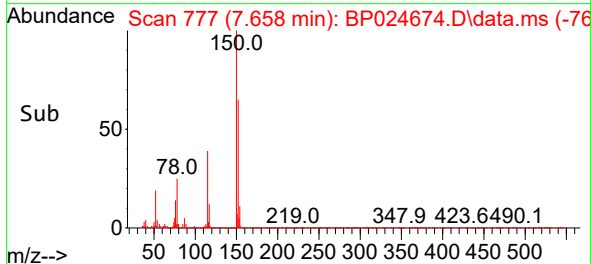
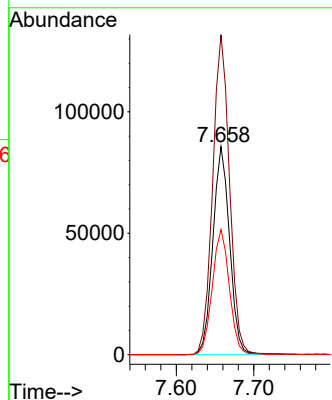
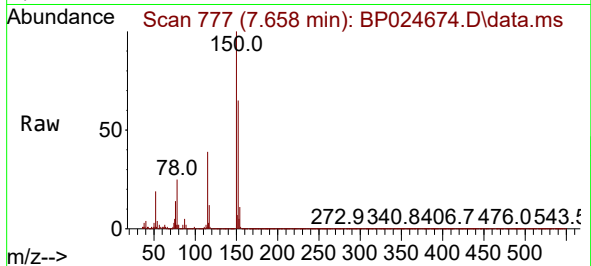




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.658 min Scan# 71  
Delta R.T. -0.005 min  
Lab File: BP024674.D  
Acq: 17 May 2025 03:14

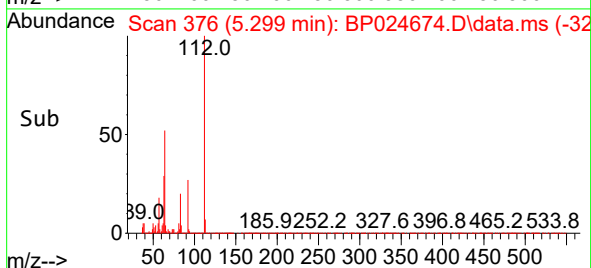
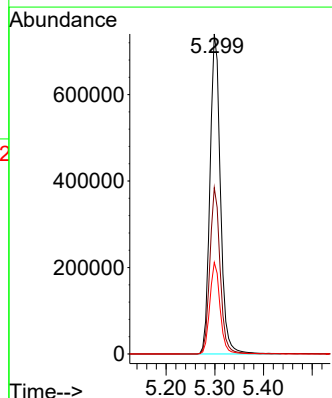
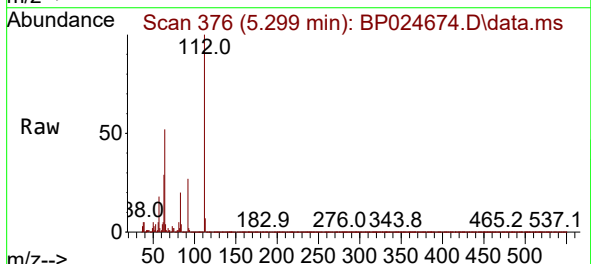
Instrument :  
BNA\_P  
ClientSampleId :  
L3-WC-4

Tgt Ion:152 Resp: 128490  
Ion Ratio Lower Upper  
152 100  
150 153.8 125.9 188.9  
115 60.2 50.1 75.1



#5  
2-Fluorophenol  
Concen: 146.047 ng  
RT: 5.299 min Scan# 376  
Delta R.T. 0.012 min  
Lab File: BP024674.D  
Acq: 17 May 2025 03:14

Tgt Ion:112 Resp: 1097167  
Ion Ratio Lower Upper  
112 100  
64 52.0 44.1 66.1  
63 28.6 23.5 35.3

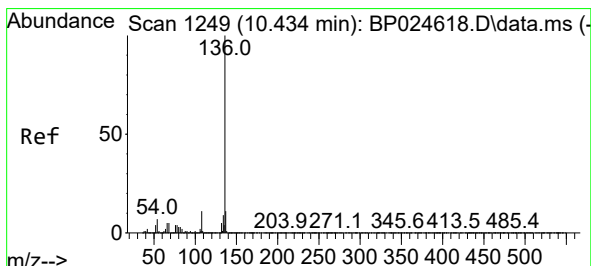
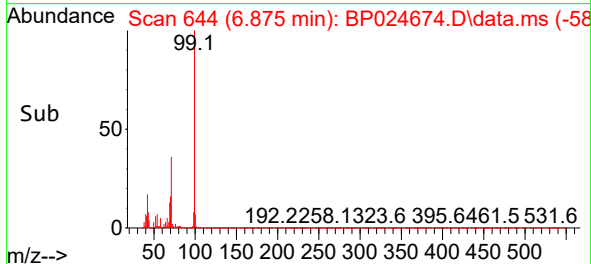
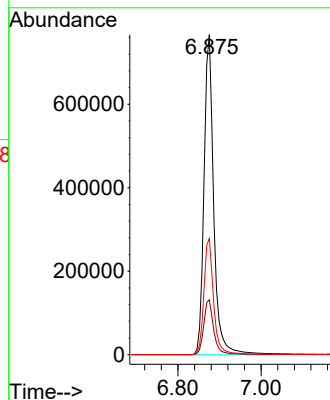
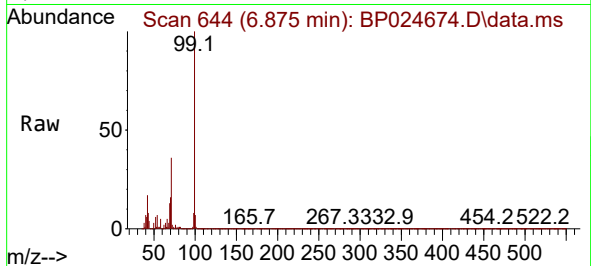




#7  
Phenol-d6  
Concen: 130.168 ng  
RT: 6.875 min Scan# 64  
Delta R.T. 0.024 min  
Lab File: BP024674.D  
Acq: 17 May 2025 03:14

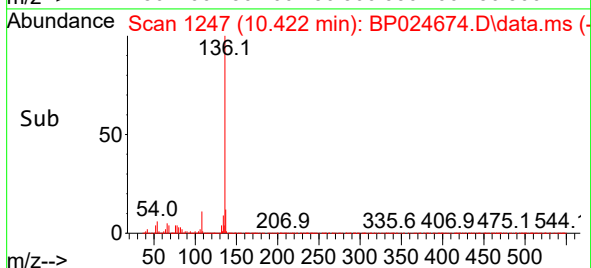
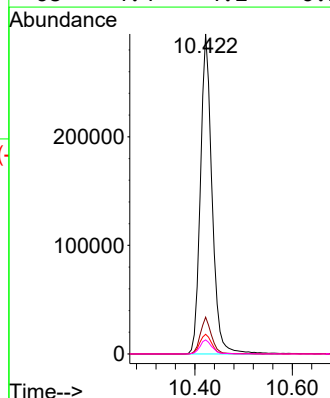
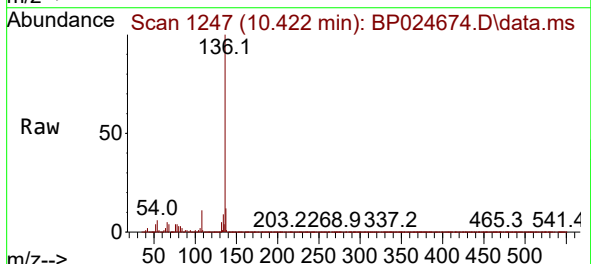
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BNA\_P  
ClientSampleId :  
L3-WC-4

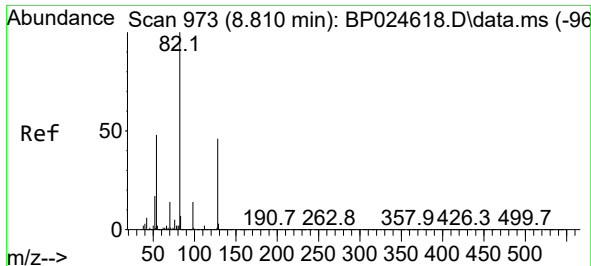
Tgt Ion: 99 Resp: 1248034  
Ion Ratio Lower Upper  
99 100  
42 17.2 14.4 21.6  
71 36.4 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.422 min Scan# 1247  
Delta R.T. -0.012 min  
Lab File: BP024674.D  
Acq: 17 May 2025 03:14

Tgt Ion: 136 Resp: 489466  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.8 13.2  
54 6.2 5.5 8.3  
68 4.4 4.2 6.2

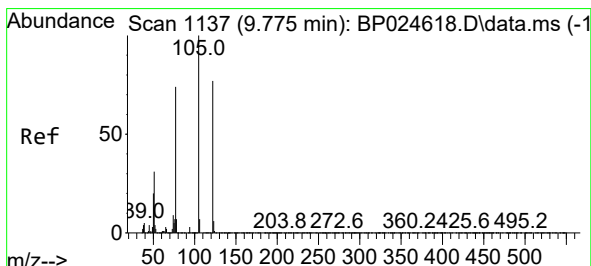
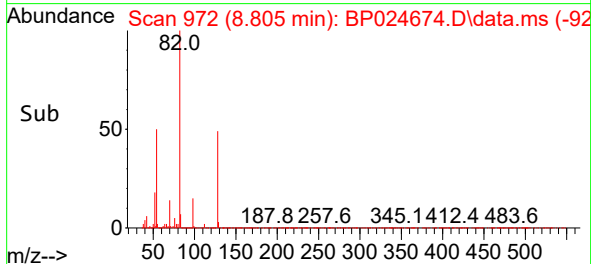
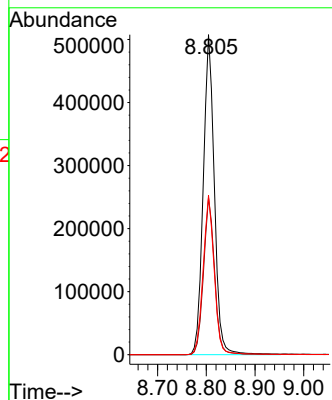
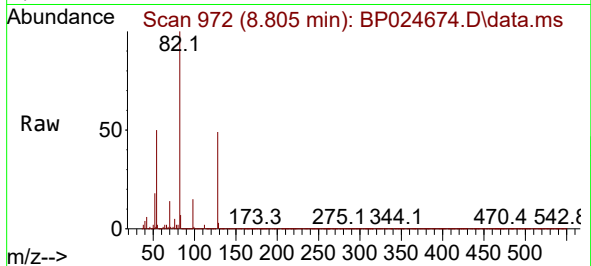




#23  
Nitrobenzene-d5  
Concen: 83.489 ng  
RT: 8.805 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP024674.D  
Acq: 17 May 2025 03:14

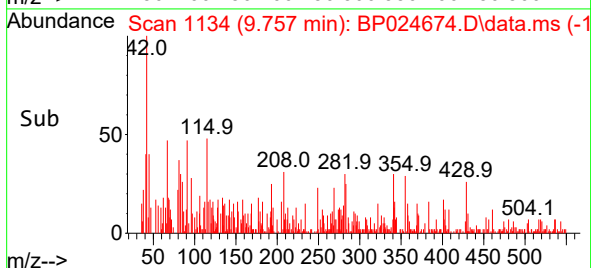
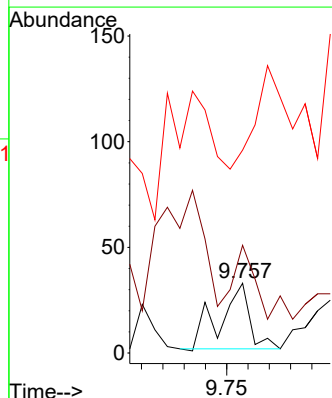
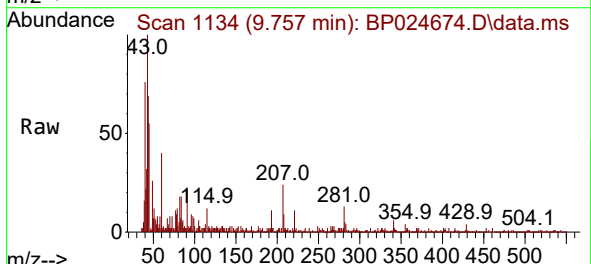
Instrument :  
BNA\_P  
ClientSampleId :  
L3-WC-4

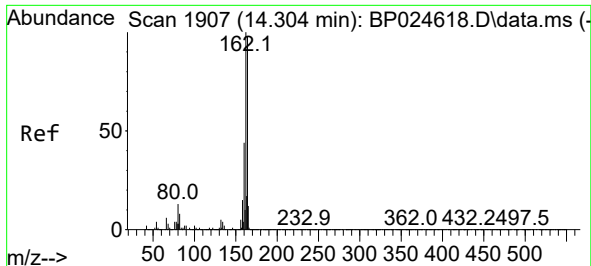
Tgt Ion: 82 Resp: 808785  
Ion Ratio Lower Upper  
82 100  
128 49.1 37.0 55.4  
54 49.8 38.7 58.1



#32  
Benzoic acid  
Concen: 7.473 ng  
RT: 9.757 min Scan# 1134  
Delta R.T. -0.018 min  
Lab File: BP024674.D  
Acq: 17 May 2025 03:14

Tgt Ion:122 Resp: 30  
Ion Ratio Lower Upper  
122 100  
105 154.5 106.9 146.9#  
77 290.9 75.1 115.1#

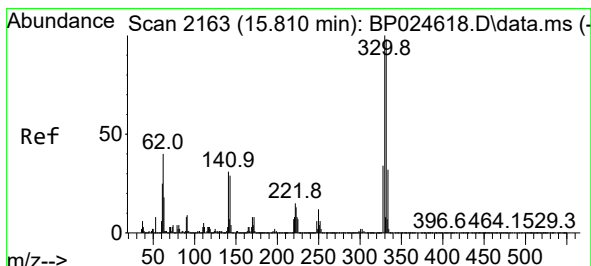
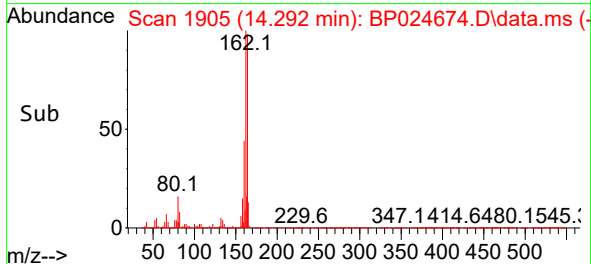
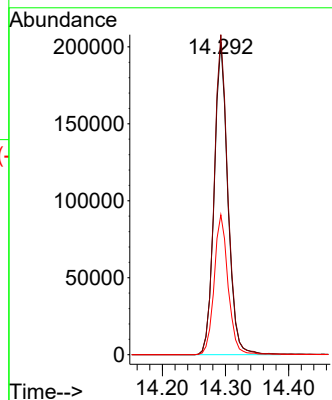
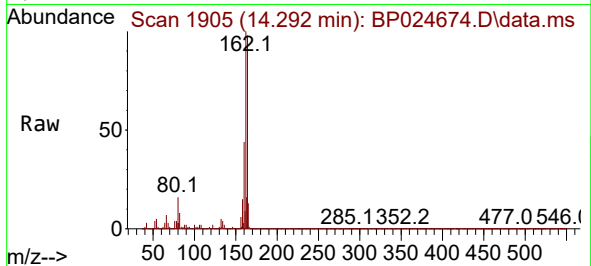




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.292 min Scan# 1905  
Delta R.T. -0.012 min  
Lab File: BP024674.D  
Acq: 17 May 2025 03:14

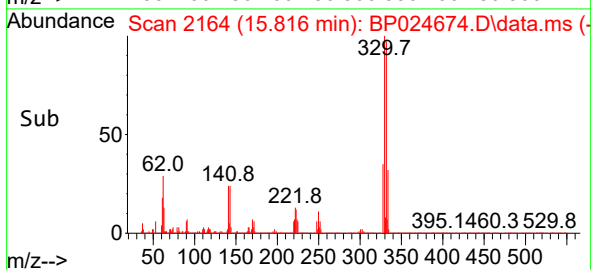
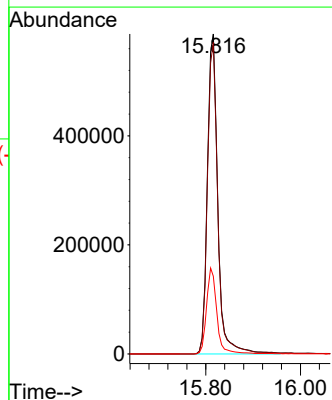
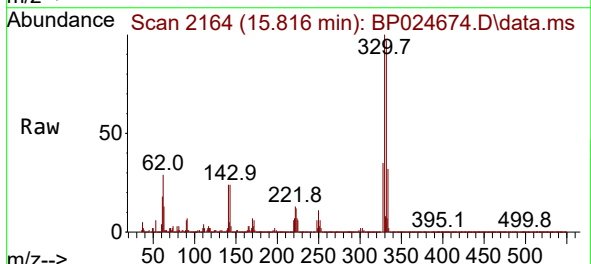
Instrument :  
BNA\_P  
ClientSampleId :  
L3-WC-4

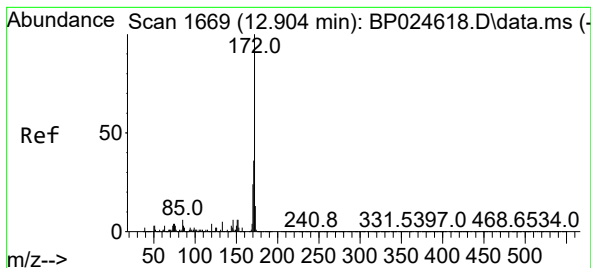
Tgt Ion:164 Resp: 303755  
Ion Ratio Lower Upper  
164 100  
162 102.3 81.8 122.6  
160 44.7 36.3 54.5



#42  
2,4,6-Tribromophenol  
Concen: 174.688 ng  
RT: 15.816 min Scan# 2164  
Delta R.T. 0.006 min  
Lab File: BP024674.D  
Acq: 17 May 2025 03:14

Tgt Ion:330 Resp: 899559  
Ion Ratio Lower Upper  
330 100  
332 96.8 78.2 117.4  
141 26.6 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 87.214 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024674.D

Acq: 17 May 2025 03:14

Instrument :

BNA\_P

ClientSampleId :

L3-WC-4

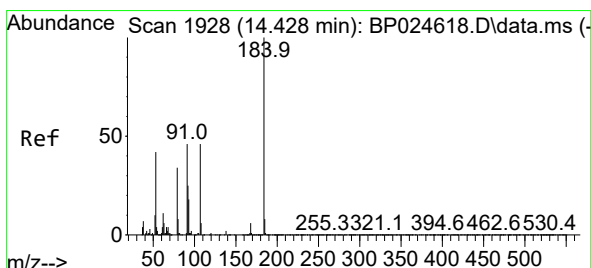
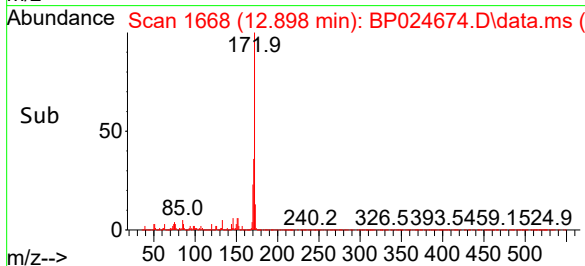
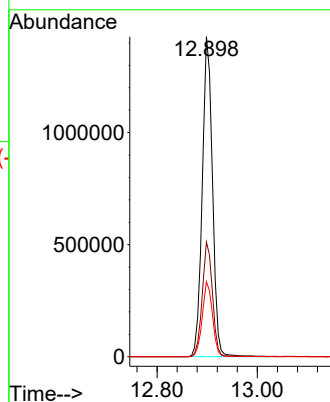
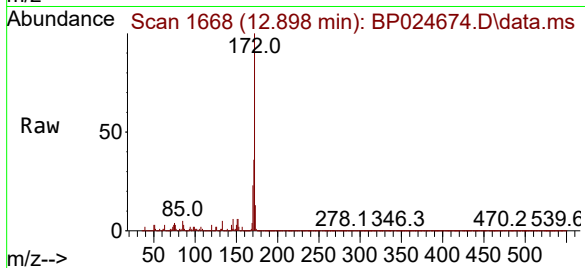
Tgt Ion:172 Resp: 2022073

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.4 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.410 ng

RT: 14.257 min Scan# 1899

Delta R.T. -0.171 min

Lab File: BP024674.D

Acq: 17 May 2025 03:14

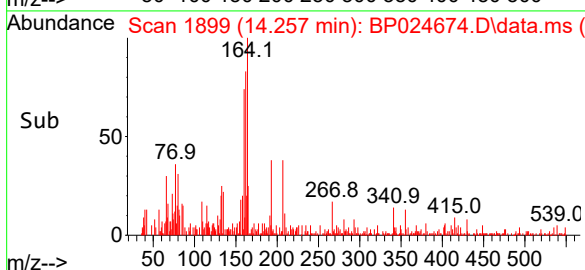
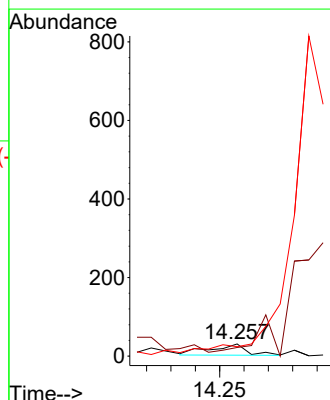
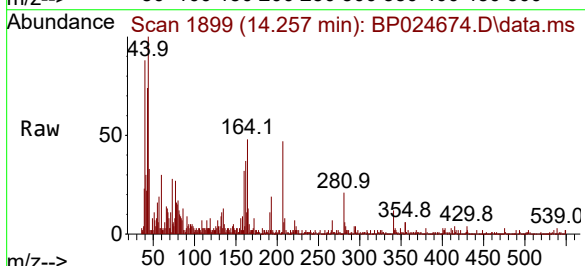
Tgt Ion:184 Resp: 30

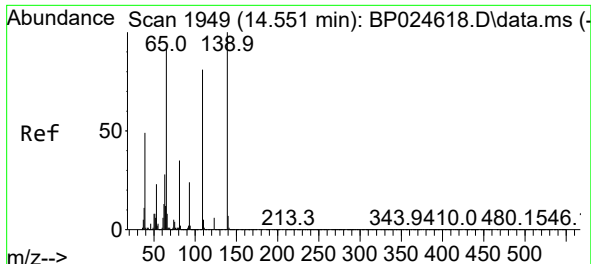
Ion Ratio Lower Upper

184 100

63 71.0 51.3 76.9

154 77.4 53.5 80.3

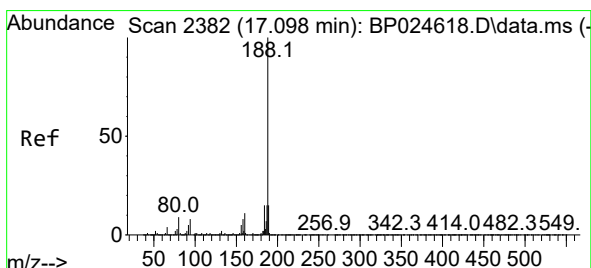
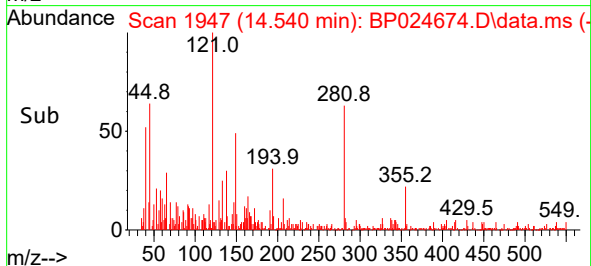
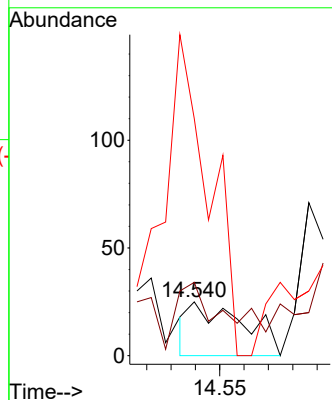
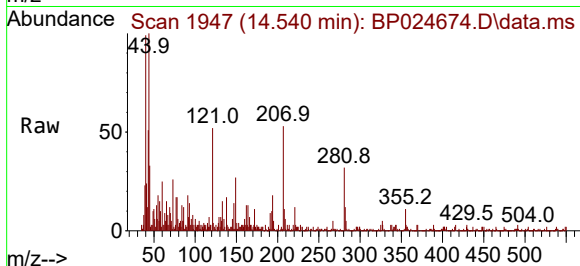




#56  
4-Nitrophenol  
Concen: 4.242 ng  
RT: 14.540 min Scan# 1947  
Delta R.T. -0.011 min  
Lab File: BP024674.D  
Acq: 17 May 2025 03:14

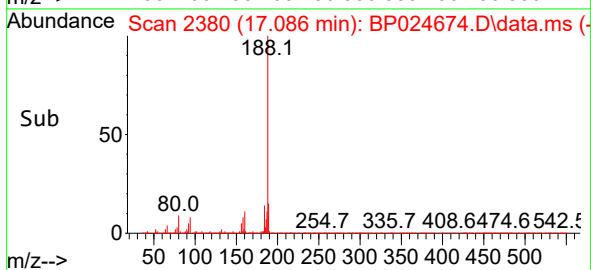
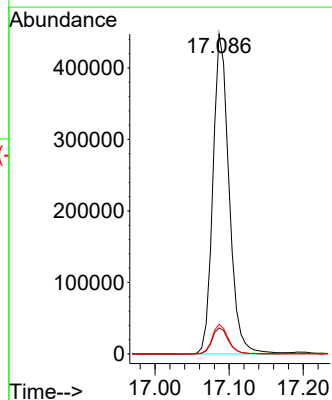
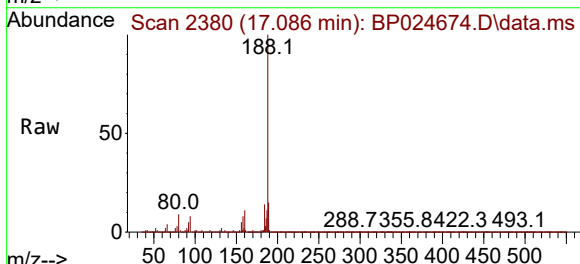
Instrument :  
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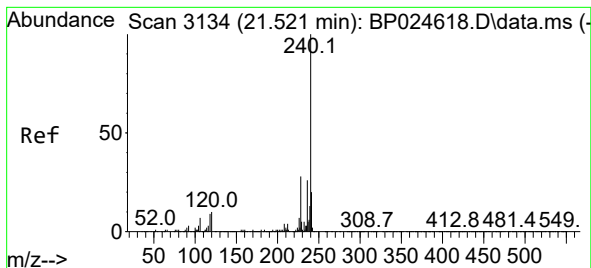
Tgt Ion:139 Resp: 38  
Ion Ratio Lower Upper  
139 100  
109 136.0 61.4 101.4#  
65 440.0 72.2 112.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.086 min Scan# 2380  
Delta R.T. -0.012 min  
Lab File: BP024674.D  
Acq: 17 May 2025 03:14

Tgt Ion:188 Resp: 676724  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.5 9.7  
80 9.2 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: BP024674.D

Acq: 17 May 2025 03:14

Instrument :

BNA\_P

ClientSampleId :

L3-WC-4

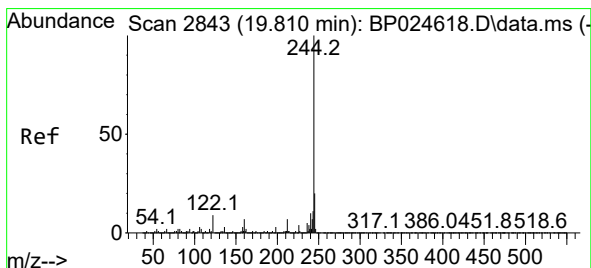
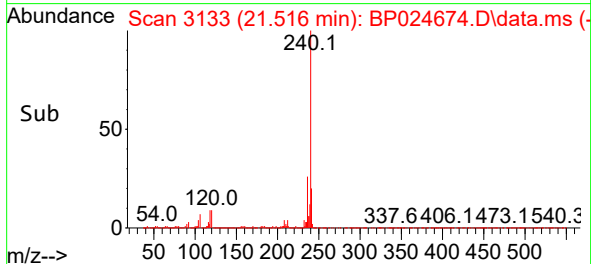
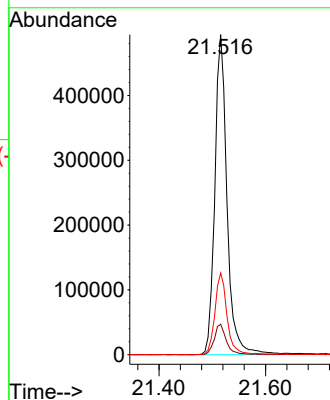
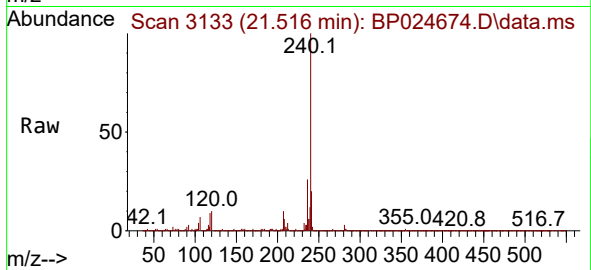
Tgt Ion:240 Resp: 784655

Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.6

236 25.5 20.6 31.0



#79

Terphenyl-d14

Concen: 96.061 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024674.D

Acq: 17 May 2025 03:14

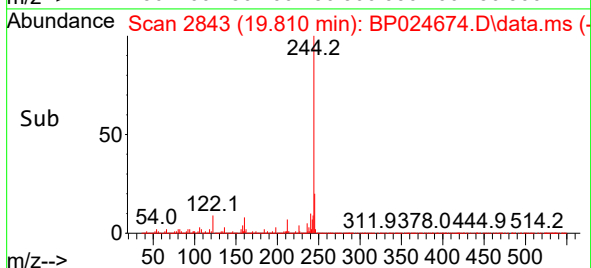
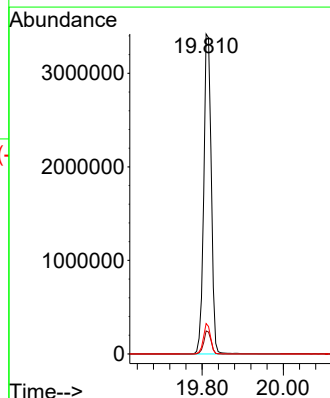
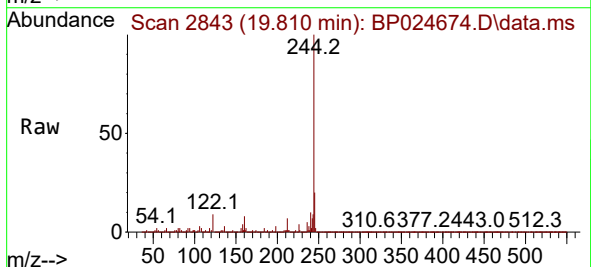
Tgt Ion:244 Resp: 4395795

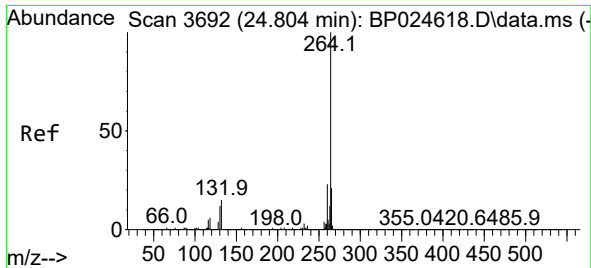
Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 9.5 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: BP024674.D  
 Acq: 17 May 2025 03:14

Instrument :  
 BNA\_P  
 ClientSampleId :  
 L3-WC-4

Tgt Ion:264 Resp: 941774  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.7 28.1  
 265 22.3 17.0 25.6

