

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051625\  
 Data File : BP024671.D  
 Acq On : 17 May 2025 01:10  
 Operator : RC/JU  
 Sample : Q2034-04  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 L3-WC-1

Quant Time: May 17 03:40:57 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

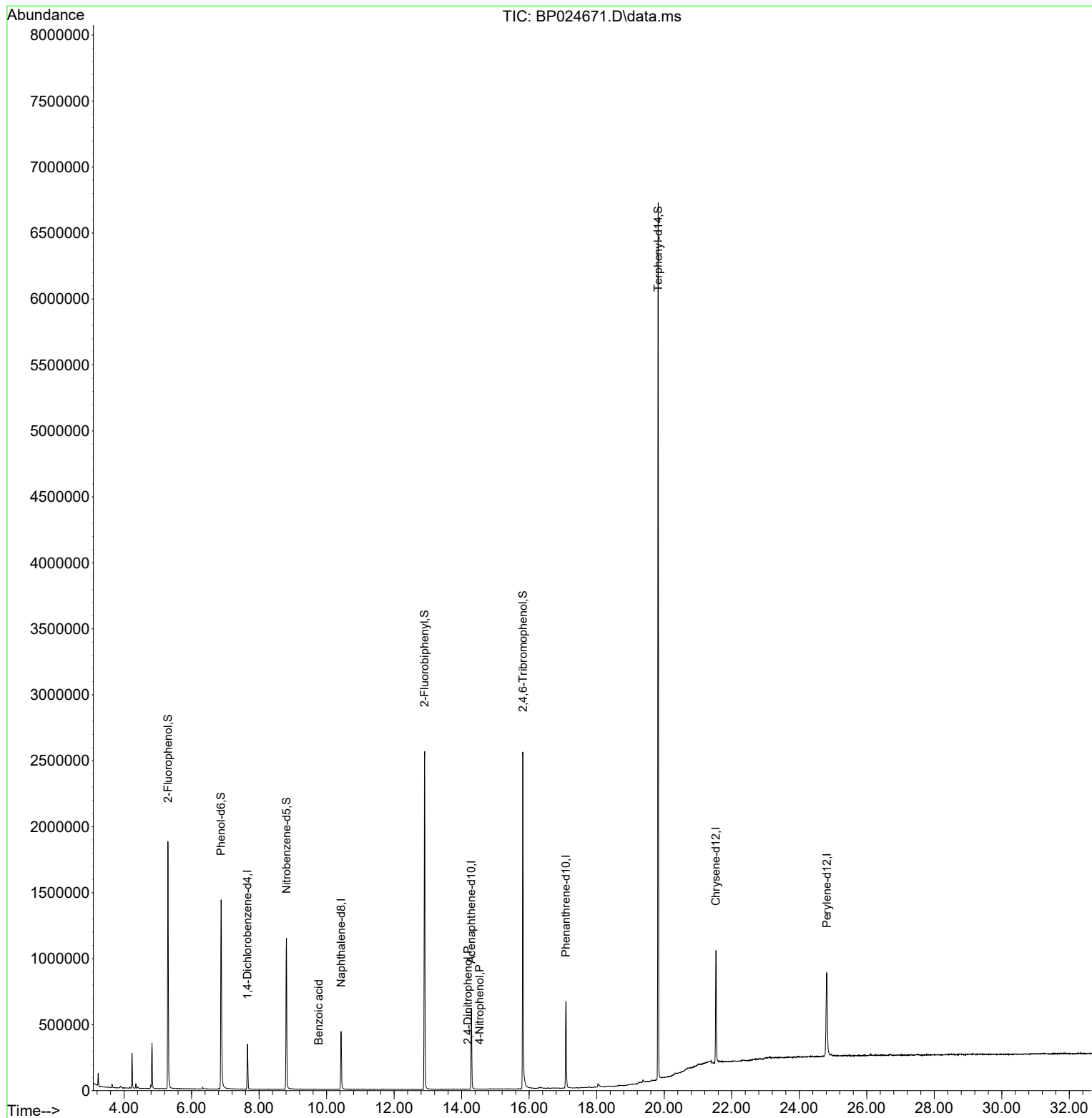
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.657  | 152  | 94682    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.428 | 136  | 378409   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.287 | 164  | 229014   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.086 | 188  | 451189   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.533 | 240  | 535686   | 20.000  | ng    | 0.01     |
| 86) Perylene-d12            | 24.815 | 264  | 657949   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.305  | 112  | 856513   | 154.723 | ng    | 0.02     |
| 7) Phenol-d6                | 6.875  | 99   | 963106   | 136.318 | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 8.810  | 82   | 646636   | 86.341  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.816 | 330  | 585722   | 150.864 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.904 | 172  | 1431011  | 81.864  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.822 | 244  | 2936137  | 93.984  | ng    | 0.01     |
| Target Compounds            |        |      |          |         |       |          |
| 32) Benzoic acid            | 9.763  | 122  | 34       | 7.476   | ng    | # 1      |
| 54) 2,4-Dinitrophenol       | 14.187 | 184  | 12       | 6.406   | ng    | 94       |
| 56) 4-Nitrophenol           | 14.534 | 139  | 53       | 4.250   | ng    | # 1      |
| -----                       |        |      |          |         |       |          |

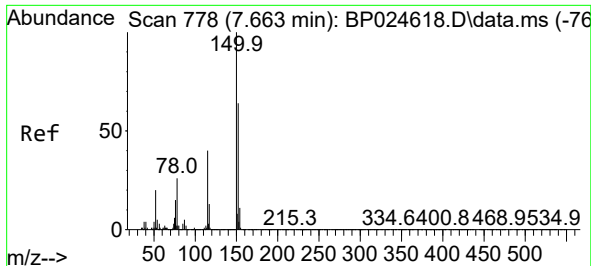
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051625\  
Data File : BP024671.D  
Acq On : 17 May 2025 01:10  
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Sample : Q2034-04  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_P  
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L3-WC-1

Quant Time: May 17 03:40:57 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

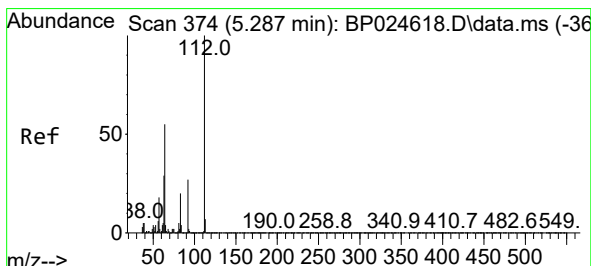
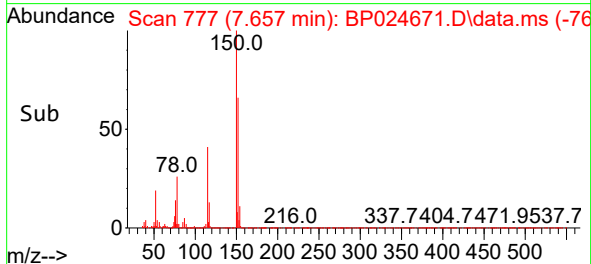
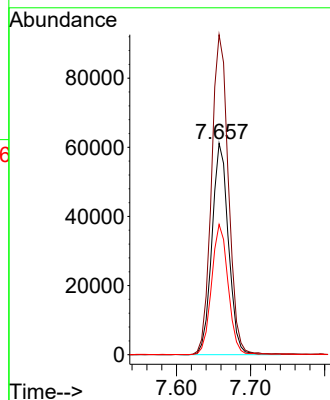
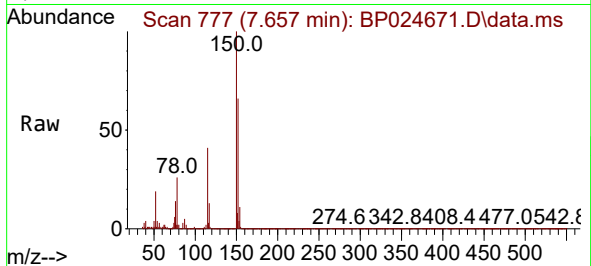




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.657 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP024671.D  
Acq: 17 May 2025 01:10

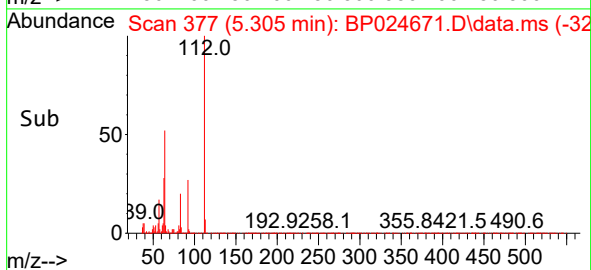
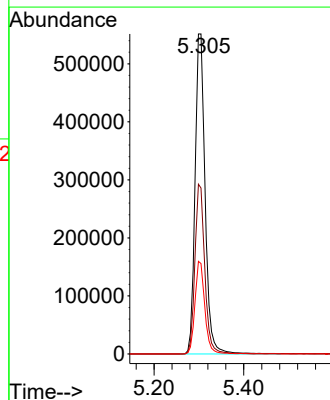
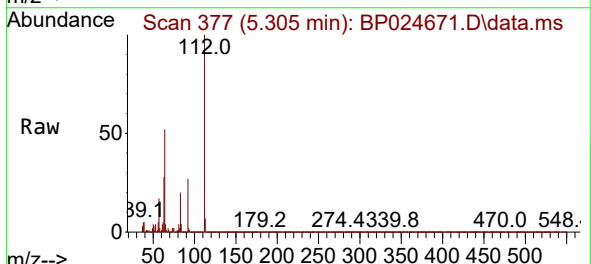
Instrument :  
BNA\_P  
ClientSampleId :  
L3-WC-1

Tgt Ion:152 Resp: 94682  
Ion Ratio Lower Upper  
152 100  
150 151.4 125.9 188.9  
115 61.6 50.1 75.1



#5  
2-Fluorophenol  
Concen: 154.723 ng  
RT: 5.305 min Scan# 377  
Delta R.T. 0.018 min  
Lab File: BP024671.D  
Acq: 17 May 2025 01:10

Tgt Ion:112 Resp: 856513  
Ion Ratio Lower Upper  
112 100  
64 51.8 44.1 66.1  
63 28.2 23.5 35.3

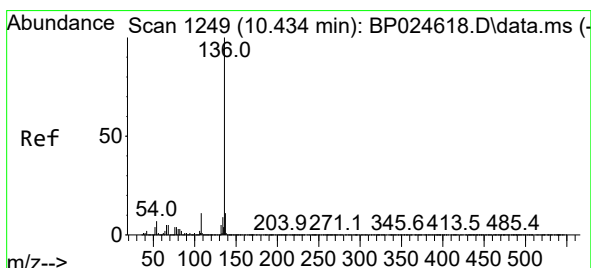
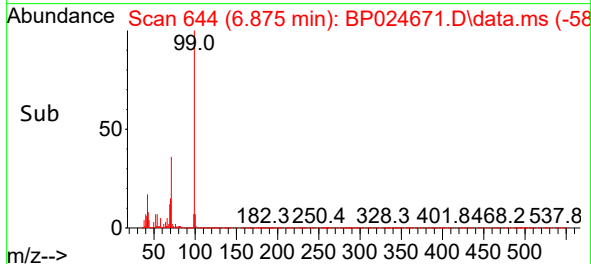
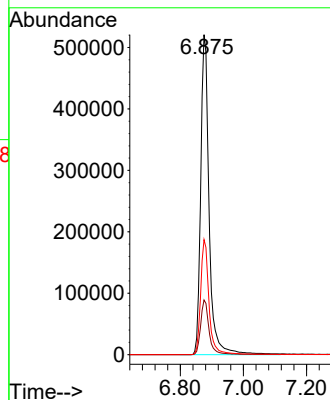
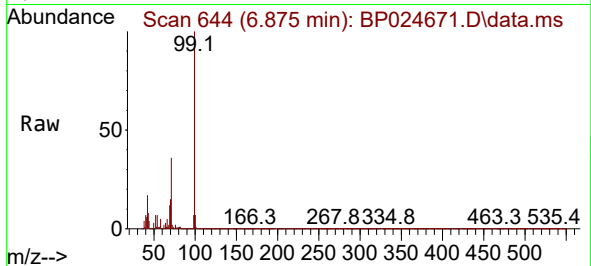




#7  
Phenol-d6  
Concen: 136.318 ng  
RT: 6.875 min Scan# 64  
Delta R.T. 0.023 min  
Lab File: BP024671.D  
Acq: 17 May 2025 01:10

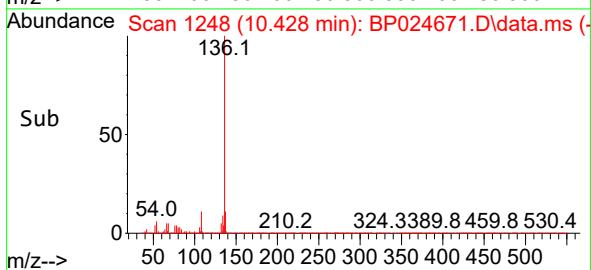
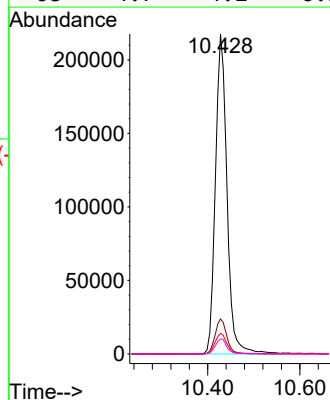
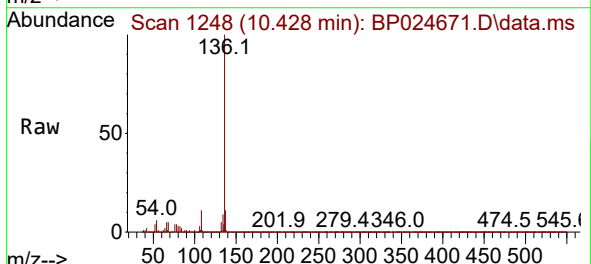
Instrument :  
BNA\_P  
ClientSampleId :  
L3-WC-1

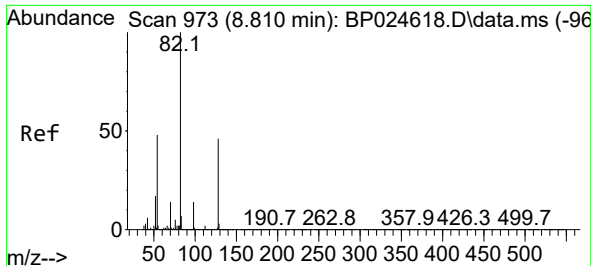
Tgt Ion: 99 Resp: 963106  
Ion Ratio Lower Upper  
99 100  
42 17.1 14.4 21.6  
71 35.9 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.428 min Scan# 1248  
Delta R.T. -0.006 min  
Lab File: BP024671.D  
Acq: 17 May 2025 01:10

Tgt Ion: 136 Resp: 378409  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 6.4 5.5 8.3  
68 4.7 4.2 6.2

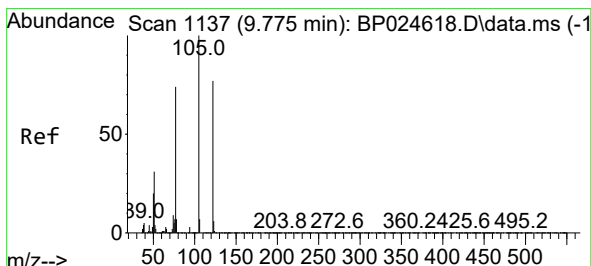
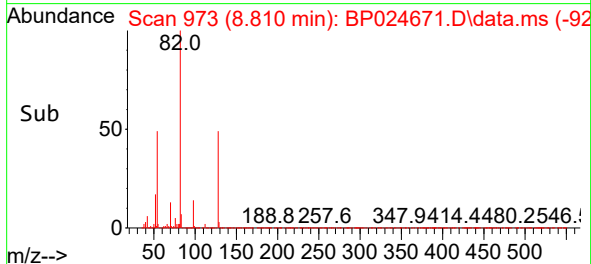
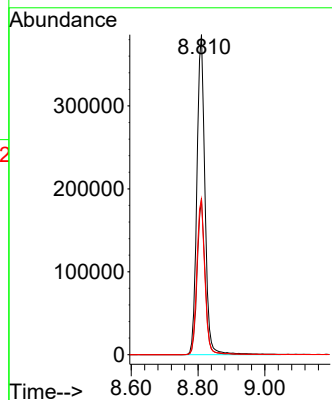
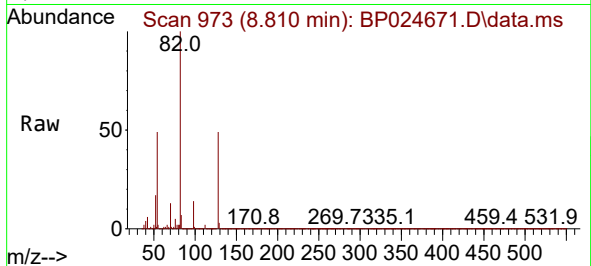




#23  
Nitrobenzene-d5  
Concen: 86.341 ng  
RT: 8.810 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BP024671.D  
Acq: 17 May 2025 01:10

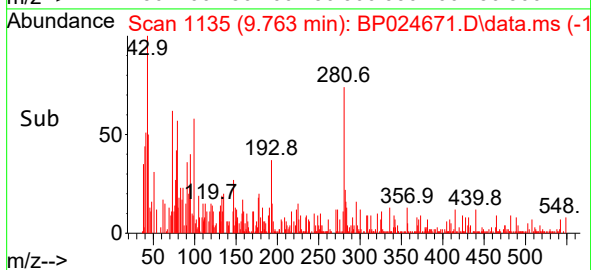
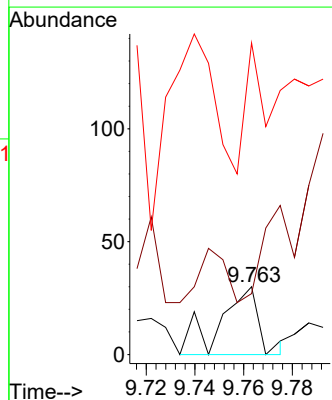
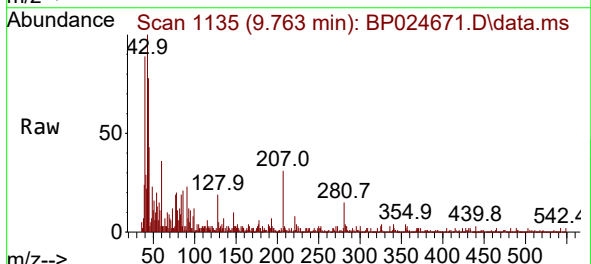
Instrument :  
BNA\_P  
ClientSampleId :  
L3-WC-1

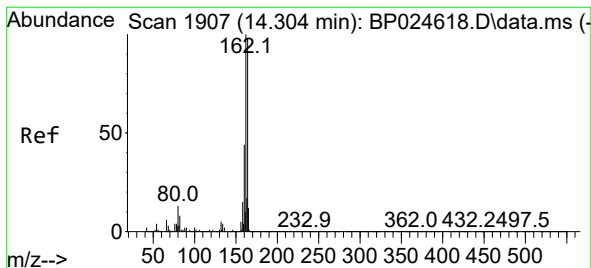
Tgt Ion: 82 Resp: 646636  
Ion Ratio Lower Upper  
82 100  
128 48.9 37.0 55.4  
54 48.5 38.7 58.1



#32  
Benzoic acid  
Concen: 7.476 ng  
RT: 9.763 min Scan# 1135  
Delta R.T. -0.012 min  
Lab File: BP024671.D  
Acq: 17 May 2025 01:10

Tgt Ion: 122 Resp: 34  
Ion Ratio Lower Upper  
122 100  
105 90.0 106.9 146.9#  
77 460.0 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024671.D

Acq: 17 May 2025 01:10

Instrument :

BNA\_P

ClientSampleId :

L3-WC-1

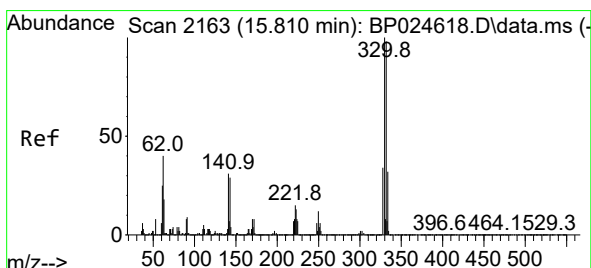
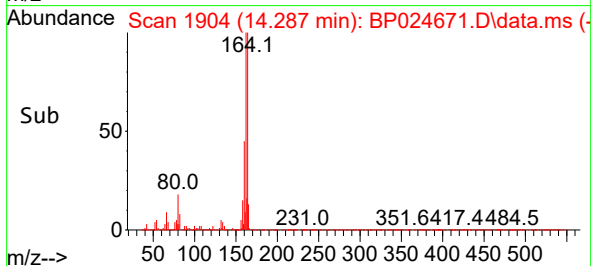
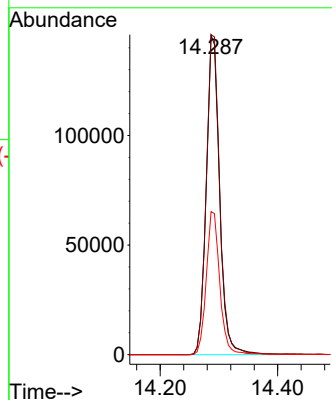
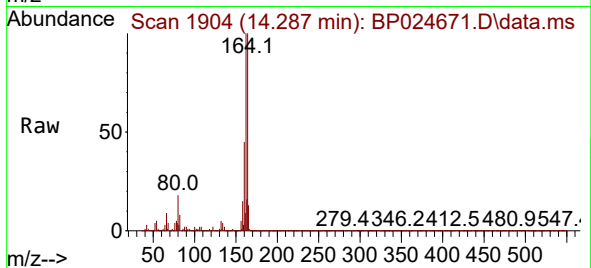
Tgt Ion:164 Resp: 229014

Ion Ratio Lower Upper

164 100

162 100.2 81.8 122.6

160 44.8 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 150.864 ng

RT: 15.816 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BP024671.D

Acq: 17 May 2025 01:10

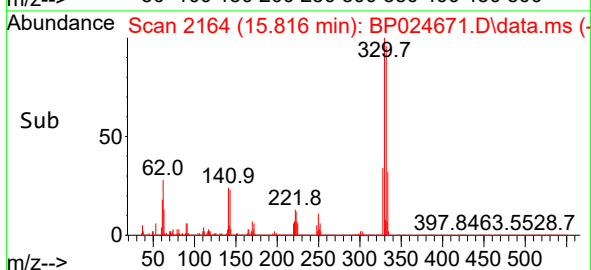
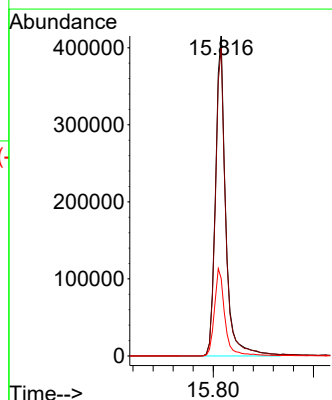
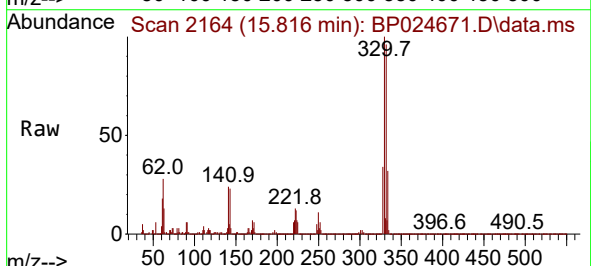
Tgt Ion:330 Resp: 585722

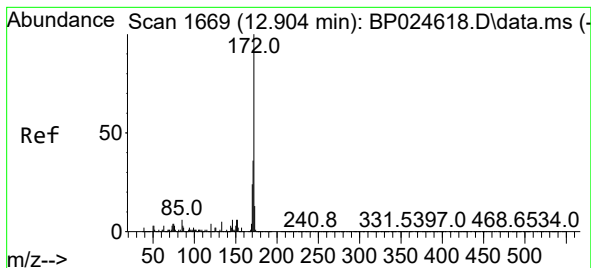
Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

141 28.2 24.3 36.5

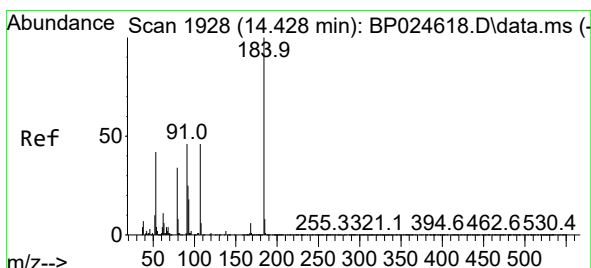
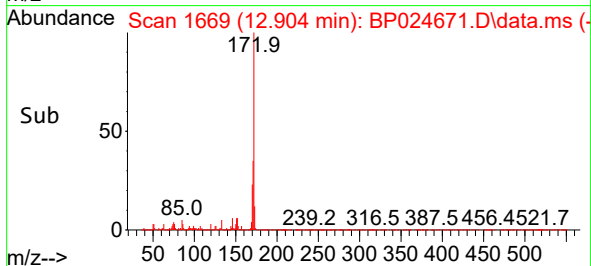
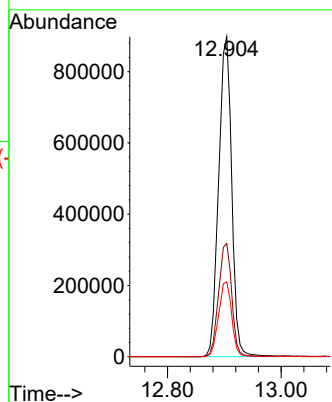
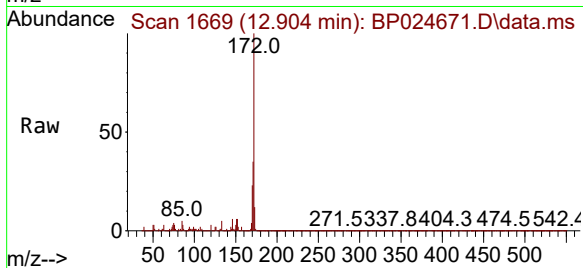




#45  
2-Fluorobiphenyl  
Concen: 81.864 ng  
RT: 12.904 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BP024671.D  
Acq: 17 May 2025 01:10

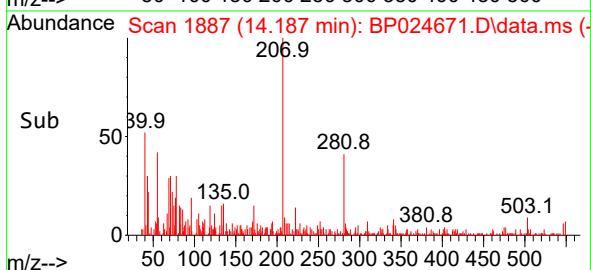
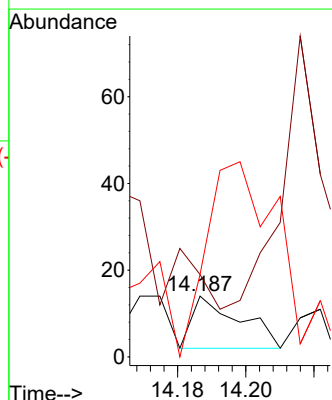
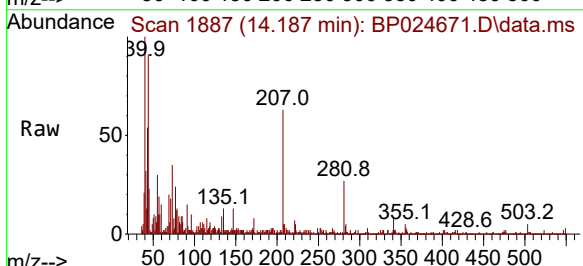
Instrument :  
BNA\_P  
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L3-WC-1

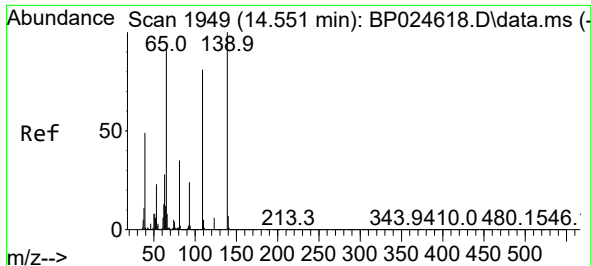
Tgt Ion:172 Resp: 1431011  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.8 43.2  
170 23.4 18.8 28.2



#54  
2,4-Dinitrophenol  
Concen: 6.406 ng  
RT: 14.187 min Scan# 1887  
Delta R.T. -0.241 min  
Lab File: BP024671.D  
Acq: 17 May 2025 01:10

Tgt Ion:184 Resp: 12  
Ion Ratio Lower Upper  
184 100  
63 70.4 51.3 76.9  
154 70.4 53.5 80.3

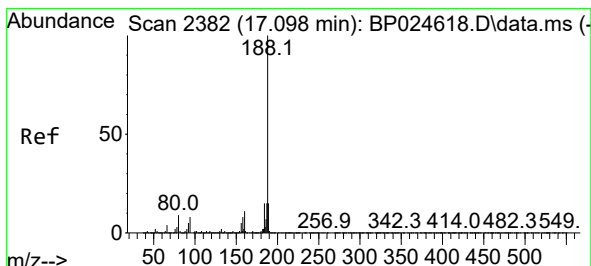
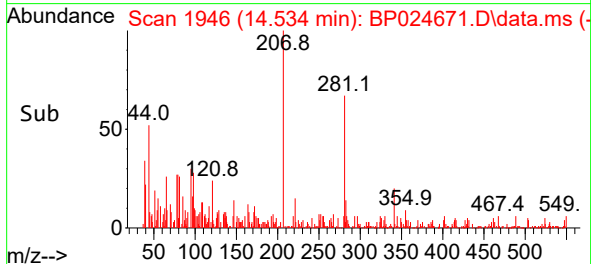
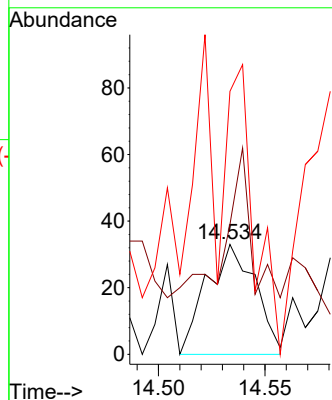
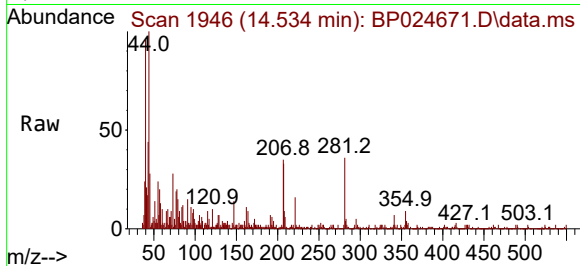




#56  
4-Nitrophenol  
Concen: 4.250 ng  
RT: 14.534 min Scan# 1949  
Delta R.T. -0.017 min  
Lab File: BP024671.D  
Acq: 17 May 2025 01:10

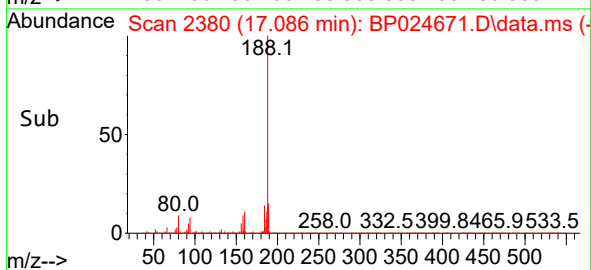
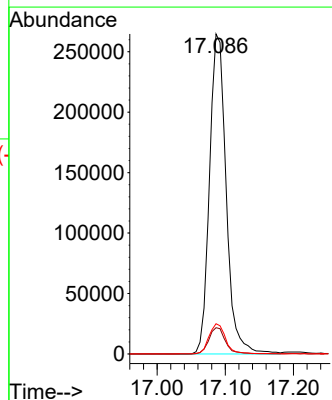
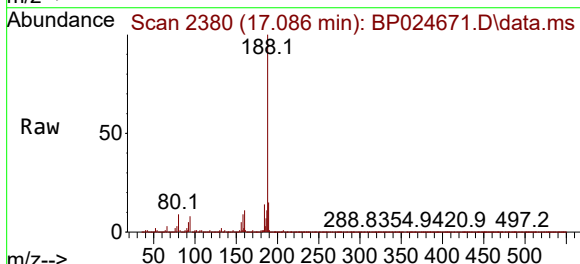
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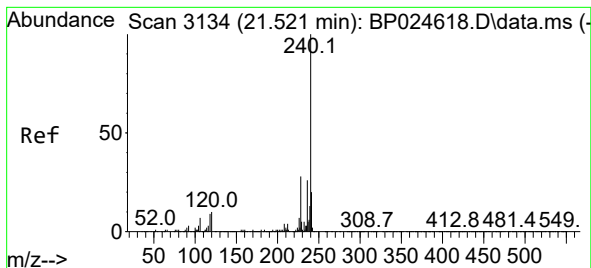
Tgt Ion:139 Resp: 53  
Ion Ratio Lower Upper  
139 100  
109 118.2 61.4 101.4#  
65 239.4 72.2 112.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.086 min Scan# 2380  
Delta R.T. -0.012 min  
Lab File: BP024671.D  
Acq: 17 May 2025 01:10

Tgt Ion:188 Resp: 451189  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.5 9.7  
80 9.4 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3134

Delta R.T. 0.012 min

Lab File: BP024671.D

Acq: 17 May 2025 01:10

Instrument :

BNA\_P

ClientSampleId :

L3-WC-1

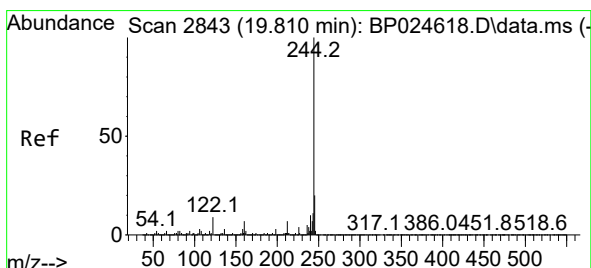
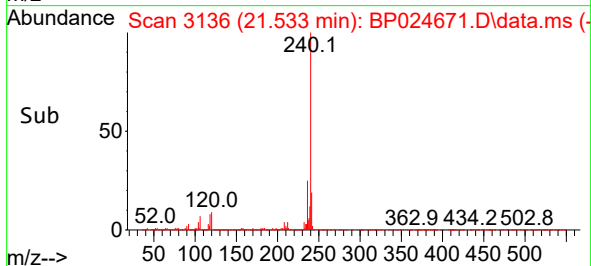
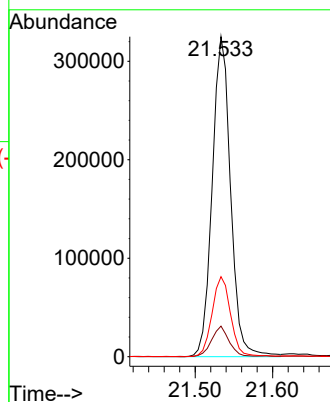
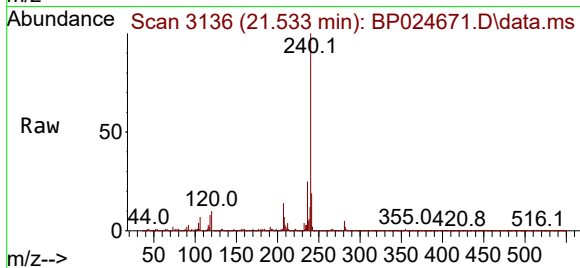
Tgt Ion:240 Resp: 535686

Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.6

236 25.0 20.6 31.0



#79

Terphenyl-d14

Concen: 93.984 ng

RT: 19.822 min Scan# 2845

Delta R.T. 0.012 min

Lab File: BP024671.D

Acq: 17 May 2025 01:10

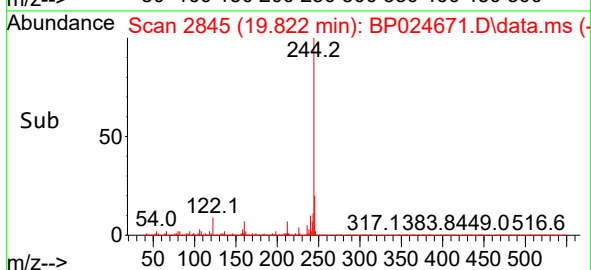
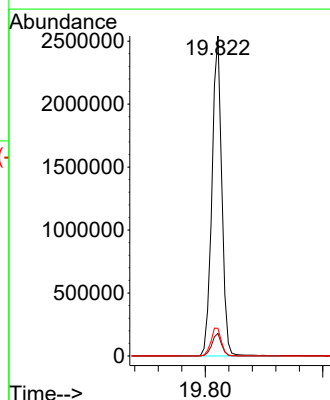
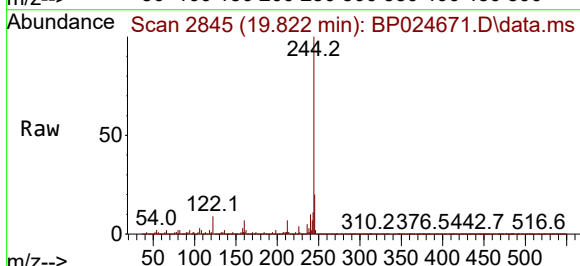
Tgt Ion:244 Resp: 2936137

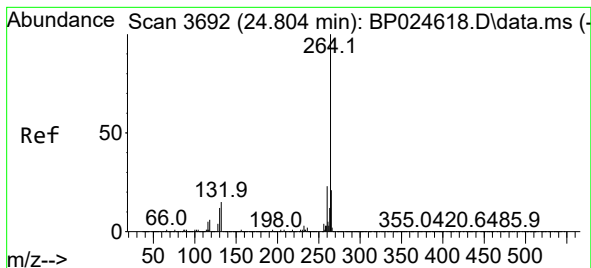
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 8.7 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.815 min Scan# 30

Delta R.T. 0.012 min

Lab File: BP024671.D

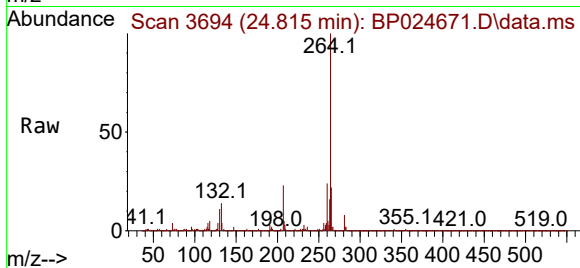
Acq: 17 May 2025 01:10

Instrument :

BNA\_P

ClientSampleId :

L3-WC-1



Tgt Ion:264 Resp: 657949

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.4 17.0 25.6

