

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051625\  
 Data File : BP024680.D  
 Acq On : 17 May 2025 07:20  
 Operator : RC/JU  
 Sample : Q2048-16  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 L2-WC-4

Quant Time: May 19 01:08:02 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  | 128888   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.428 | 136  | 497674   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.293 | 164  | 302441   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.087 | 188  | 621933   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.516 | 240  | 755050   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.810 | 264  | 941196   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.299  | 112  | 1042006  | 138.276 | ng    | 0.01     |
| 7) Phenol-d6                | 6.875  | 99   | 1209197  | 125.728 | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 8.805  | 82   | 809092   | 82.143  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.816 | 330  | 793727   | 154.806 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.904 | 172  | 2031039  | 87.981  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.810 | 244  | 3793849  | 86.157  | ng    | 0.00     |

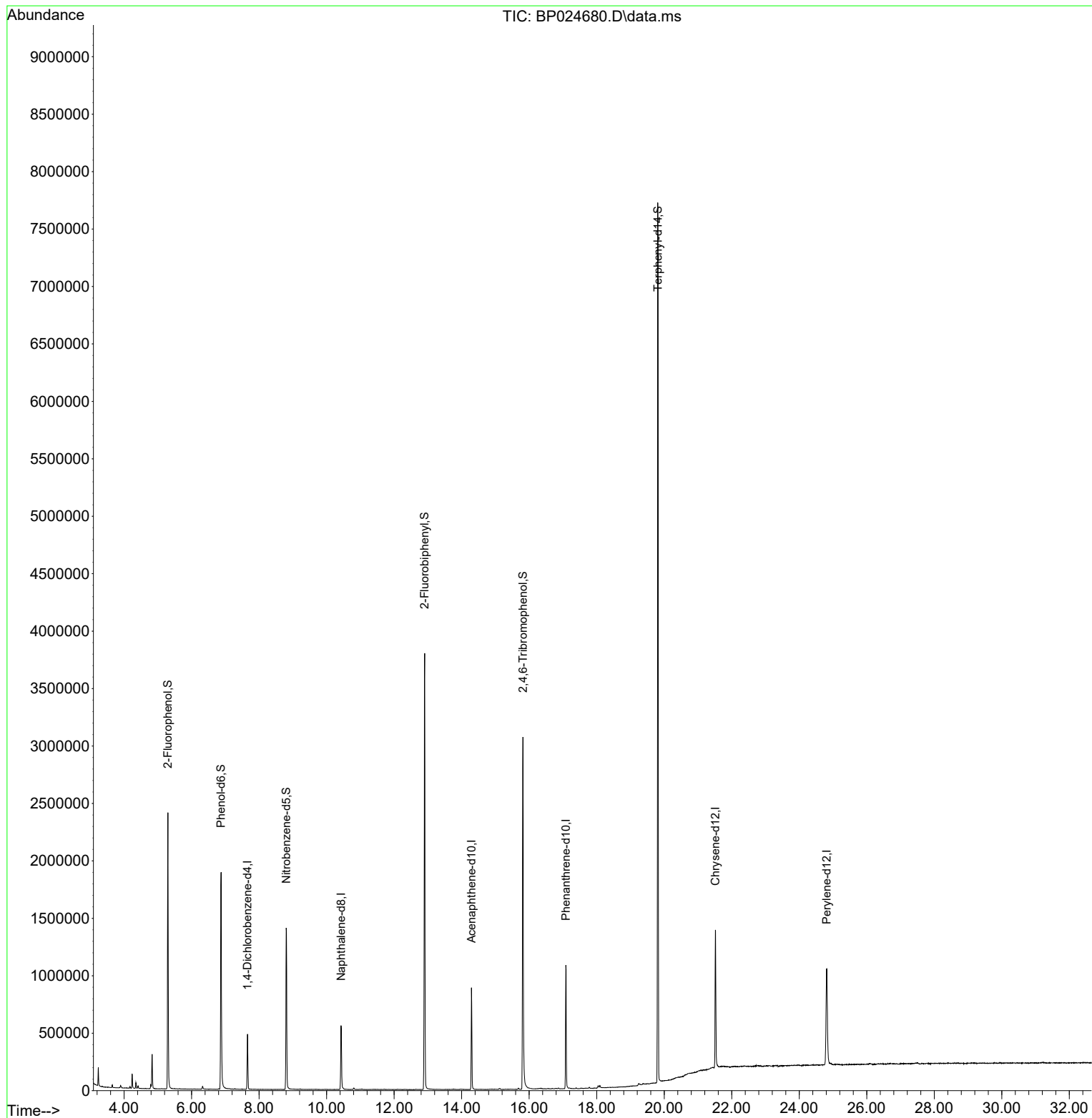
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

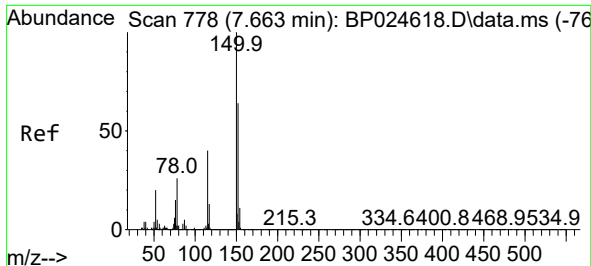
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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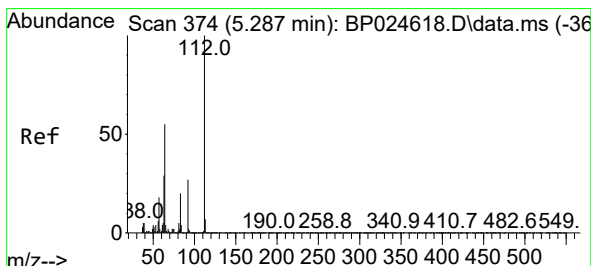
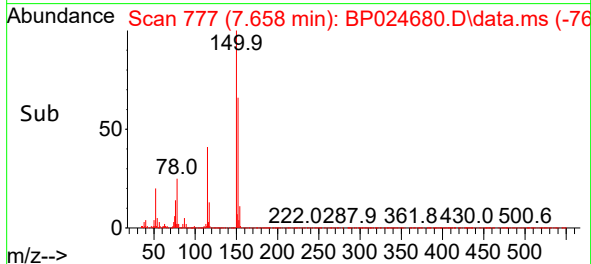
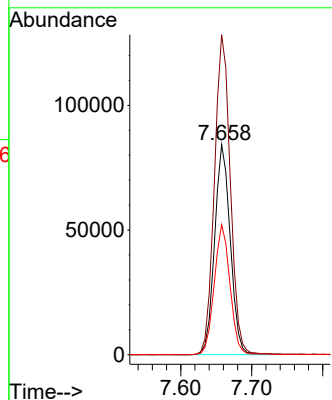
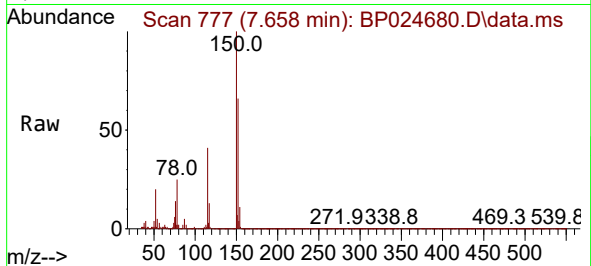




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.658 min Scan# 71  
Delta R.T. -0.005 min  
Lab File: BP024680.D  
Acq: 17 May 2025 07:20

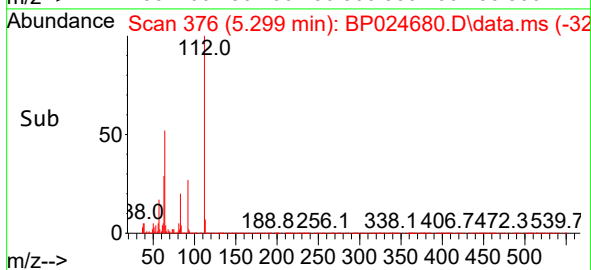
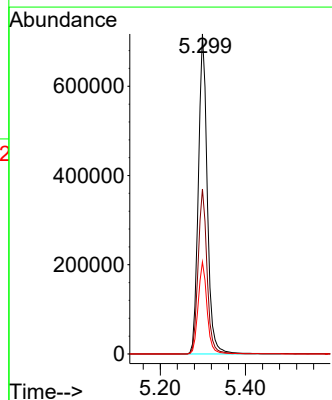
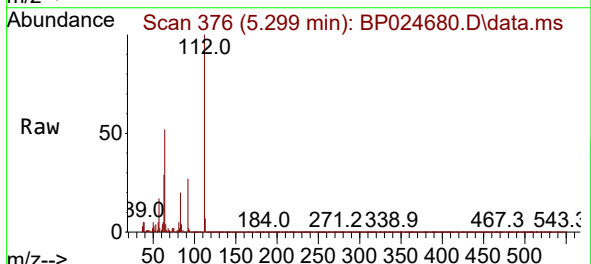
Instrument :  
BNA\_P  
ClientSampleId :  
L2-WC-4

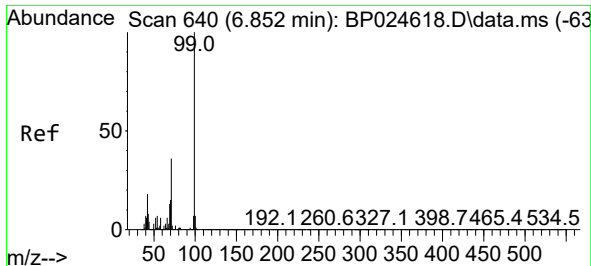
Tgt Ion:152 Resp: 128888  
Ion Ratio Lower Upper  
152 100  
150 152.3 125.9 188.9  
115 61.9 50.1 75.1



#5  
2-Fluorophenol  
Concen: 138.276 ng  
RT: 5.299 min Scan# 376  
Delta R.T. 0.012 min  
Lab File: BP024680.D  
Acq: 17 May 2025 07:20

Tgt Ion:112 Resp: 1042006  
Ion Ratio Lower Upper  
112 100  
64 51.6 44.1 66.1  
63 28.8 23.5 35.3

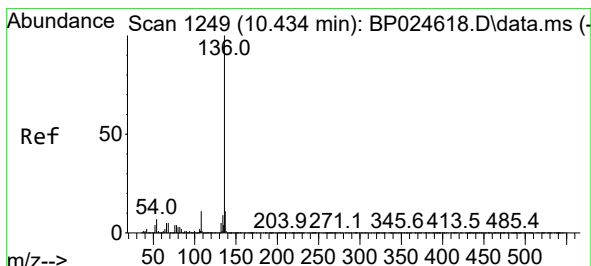
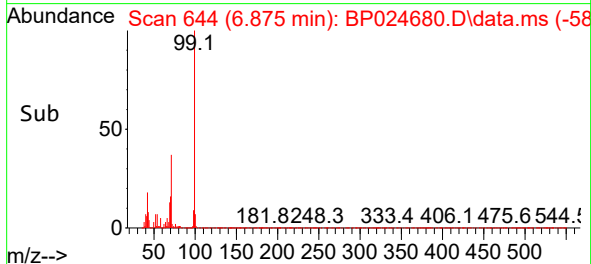
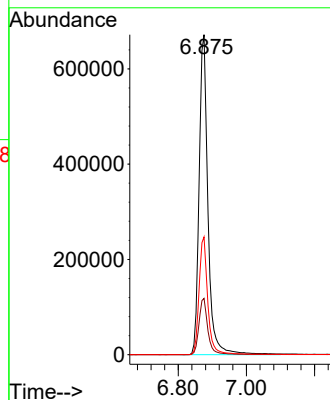
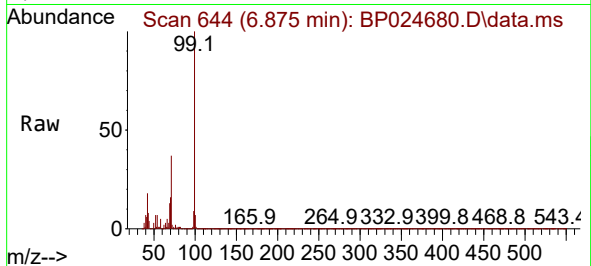




#7  
Phenol-d6  
Concen: 125.728 ng  
RT: 6.875 min Scan# 64  
Delta R.T. 0.024 min  
Lab File: BP024680.D  
Acq: 17 May 2025 07:20

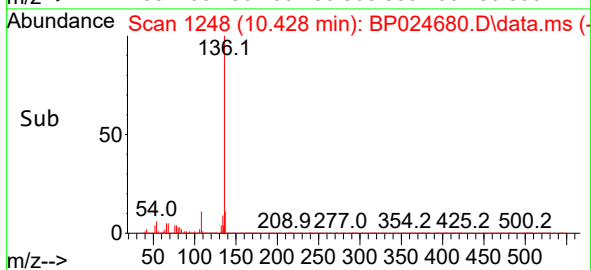
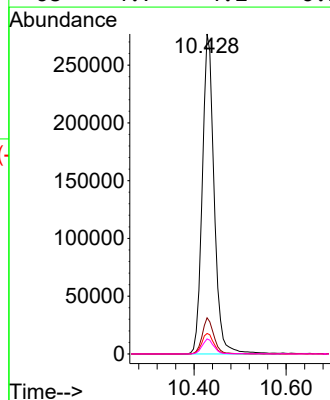
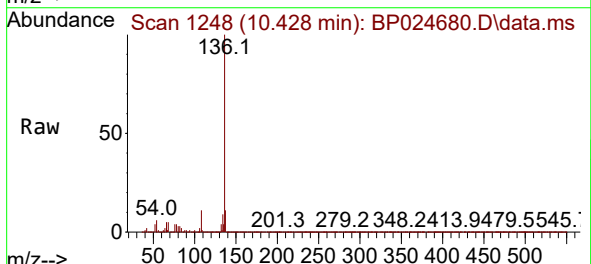
Instrument :  
BNA\_P  
ClientSampleId :  
L2-WC-4

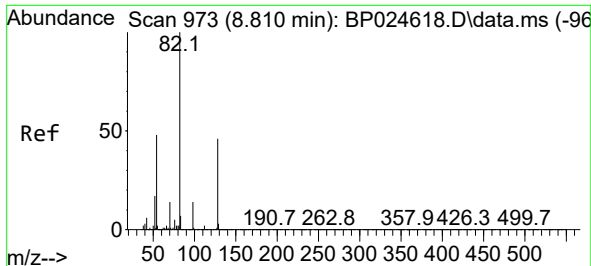
Tgt Ion: 99 Resp: 1209197  
Ion Ratio Lower Upper  
99 100  
42 17.6 14.4 21.6  
71 36.8 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.428 min Scan# 1248  
Delta R.T. -0.006 min  
Lab File: BP024680.D  
Acq: 17 May 2025 07:20

Tgt Ion:136 Resp: 497674  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 6.4 5.5 8.3  
68 4.7 4.2 6.2

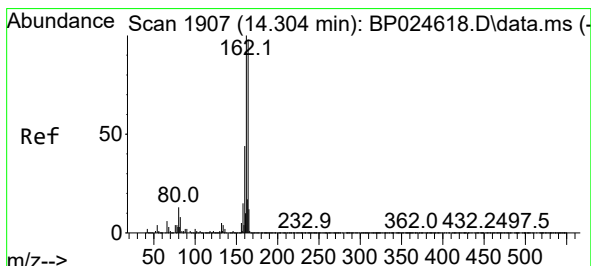
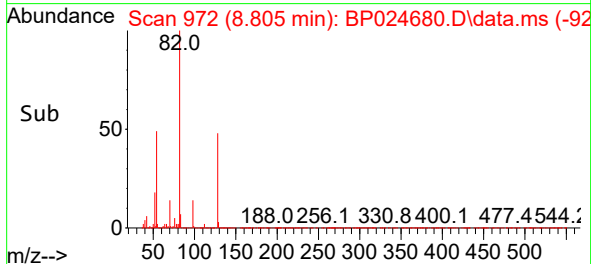
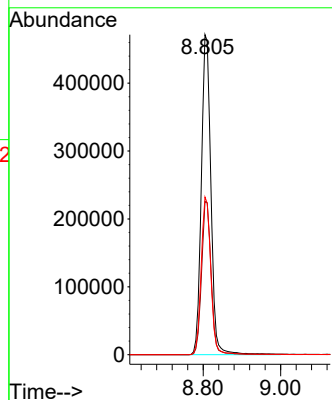
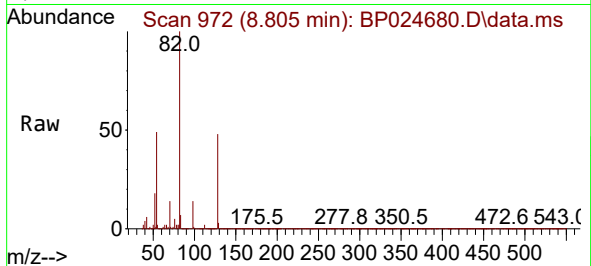




#23  
Nitrobenzene-d5  
Concen: 82.143 ng  
RT: 8.805 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP024680.D  
Acq: 17 May 2025 07:20

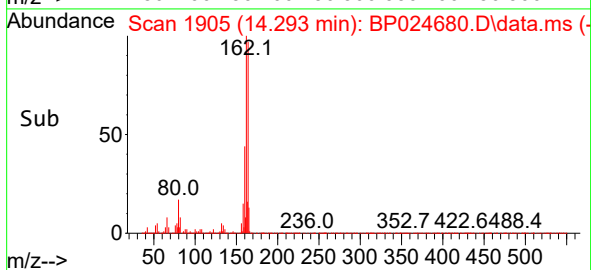
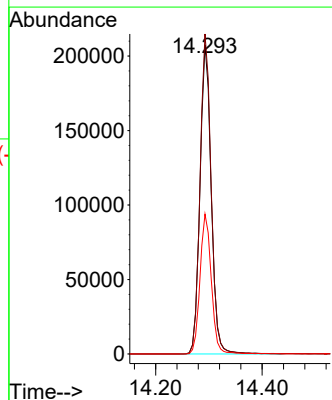
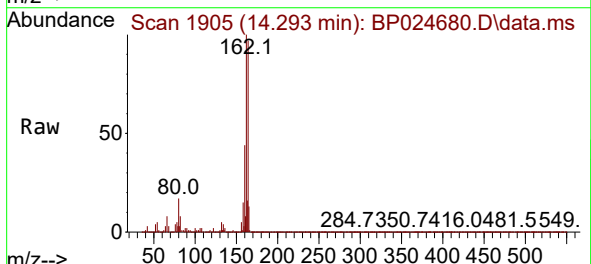
Instrument :  
BNA\_P  
ClientSampleId :  
L2-WC-4

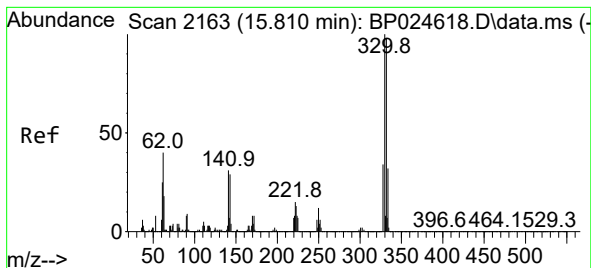
Tgt Ion: 82 Resp: 809092  
Ion Ratio Lower Upper  
82 100  
128 47.9 37.0 55.4  
54 49.3 38.7 58.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.293 min Scan# 1905  
Delta R.T. -0.012 min  
Lab File: BP024680.D  
Acq: 17 May 2025 07:20

Tgt Ion:164 Resp: 302441  
Ion Ratio Lower Upper  
164 100  
162 103.5 81.8 122.6  
160 45.2 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 154.806 ng

RT: 15.816 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BP024680.D

Acq: 17 May 2025 07:20

Instrument :

BNA\_P

ClientSampleId :

L2-WC-4

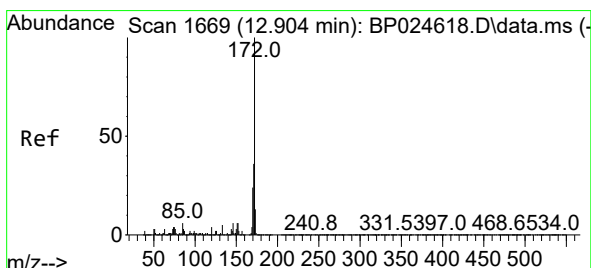
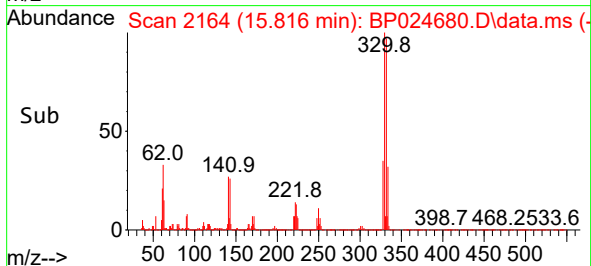
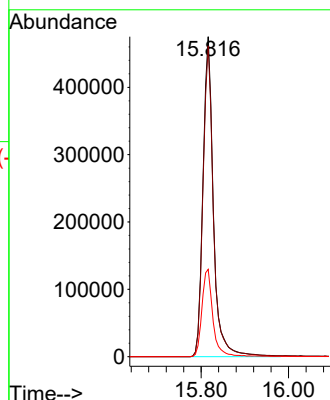
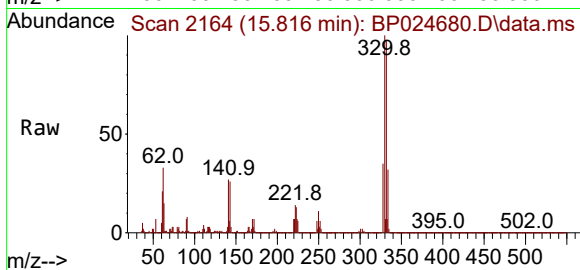
Tgt Ion:330 Resp: 793727

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

141 28.8 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 87.981 ng

RT: 12.904 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BP024680.D

Acq: 17 May 2025 07:20

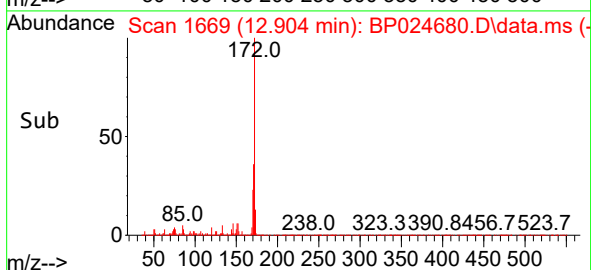
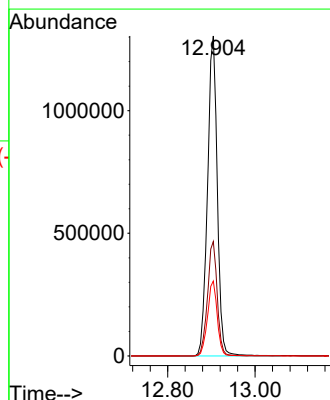
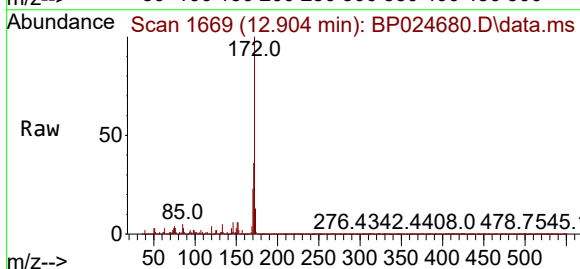
Tgt Ion:172 Resp: 2031039

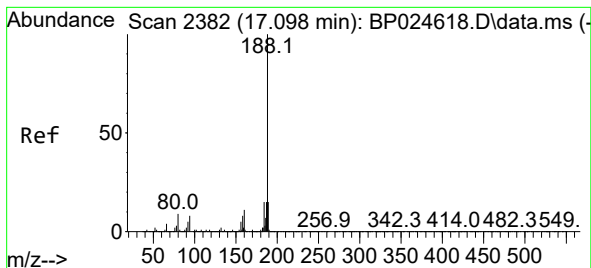
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024680.D

Acq: 17 May 2025 07:20

Instrument :

BNA\_P

ClientSampleId :

L2-WC-4

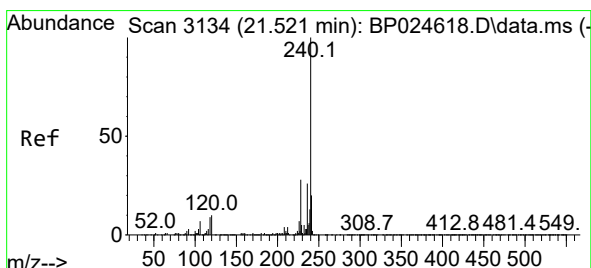
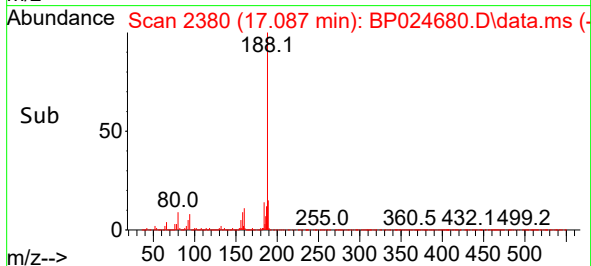
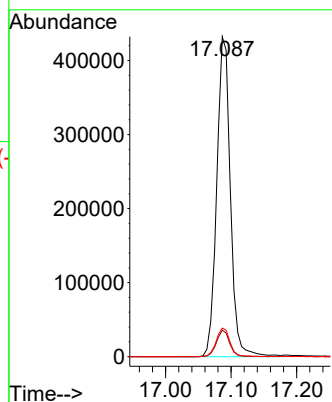
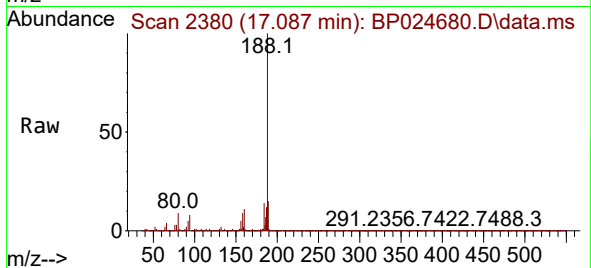
Tgt Ion:188 Resp: 621933

Ion Ratio Lower Upper

188 100

94 8.3 6.5 9.7

80 9.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP024680.D

Acq: 17 May 2025 07:20

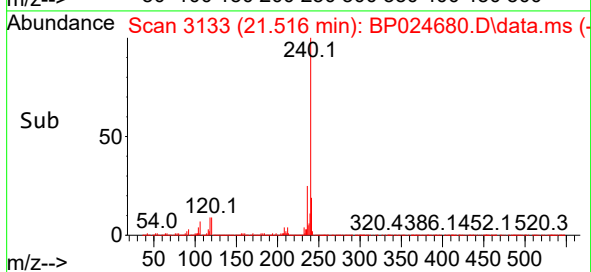
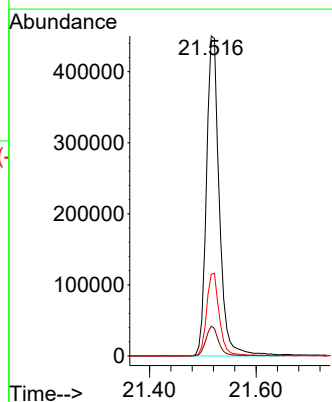
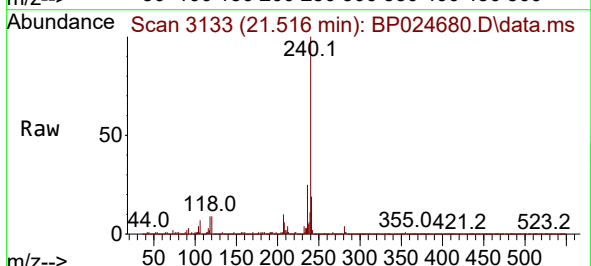
Tgt Ion:240 Resp: 755050

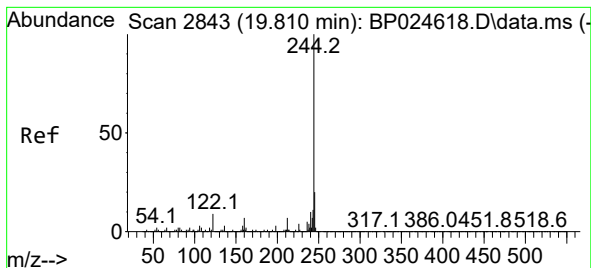
Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.6

236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 86.157 ng

RT: 19.810 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024680.D

Acq: 17 May 2025 07:20

Instrument :

BNA\_P

ClientSampleId :

L2-WC-4

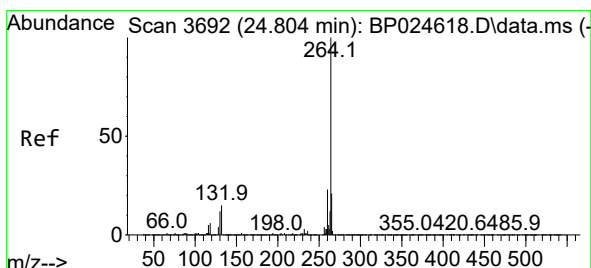
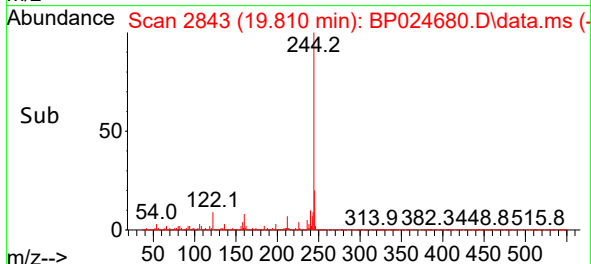
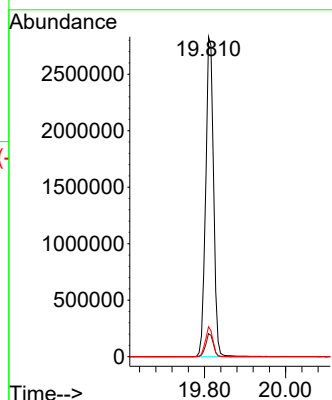
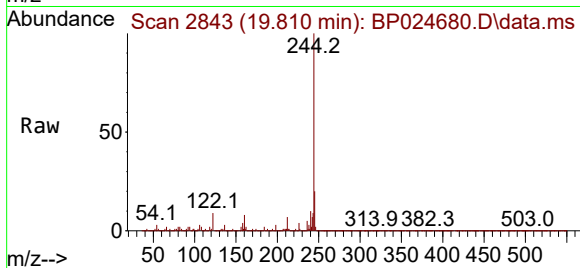
Tgt Ion:244 Resp: 3793849

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 9.4 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.810 min Scan# 3693

Delta R.T. 0.006 min

Lab File: BP024680.D

Acq: 17 May 2025 07:20

Tgt Ion:264 Resp: 941196

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.7 17.0 25.6

