

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082925\  
 Data File : BG064233.D  
 Acq On : 29 Aug 2025 18:37  
 Operator : RC/JU  
 Sample : PB169325TB  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB169325TB

Quant Time: Aug 29 19:12:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.856  | 152  | 22130    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.641 | 136  | 104678   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.478 | 164  | 74475    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.222 | 188  | 197454   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.446 | 240  | 216479   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.455 | 264  | 233782   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.442  | 112  | 223819   | 181.452 | ng    | 0.00     |
| 7) Phenol-d6                | 7.022  | 99   | 301624   | 177.991 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.008  | 82   | 206350   | 109.939 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.965 | 330  | 166164   | 168.446 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.103 | 172  | 514809   | 105.509 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.842 | 244  | 1124640  | 108.389 | ng    | 0.00     |

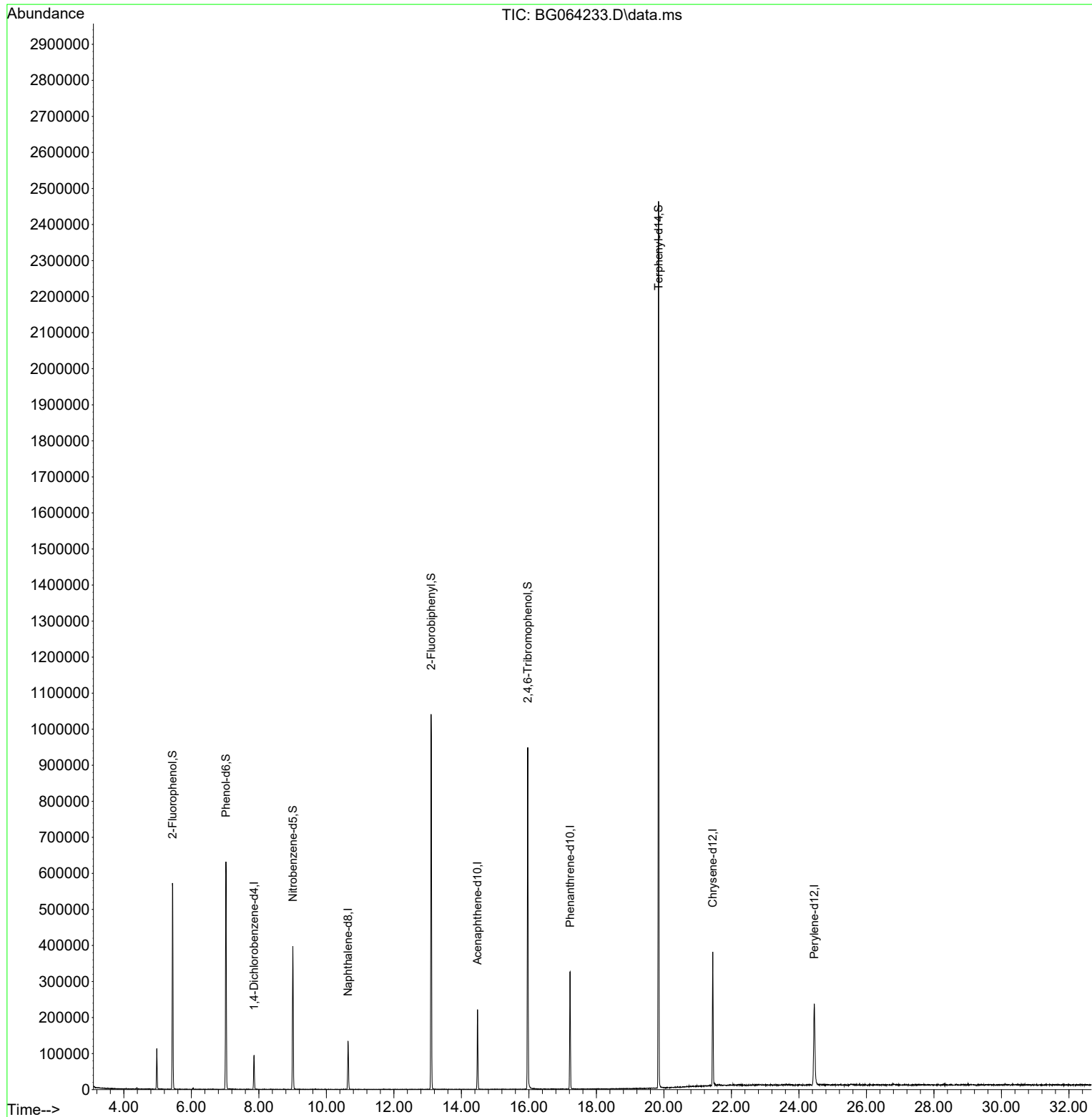
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

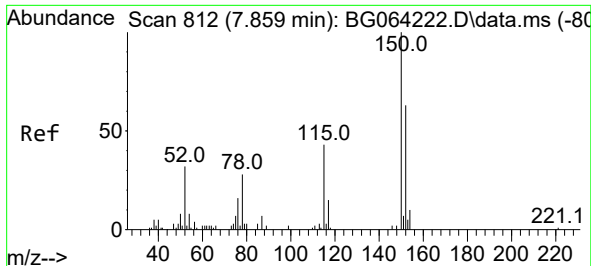
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 28 17:41:58 2025  
Response via : Initial Calibration

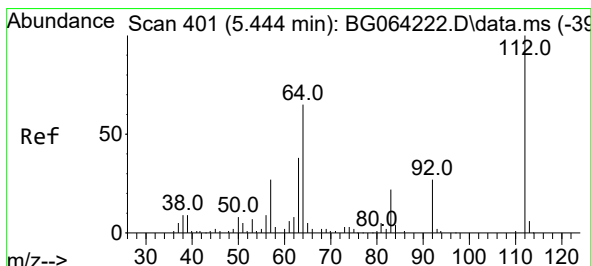
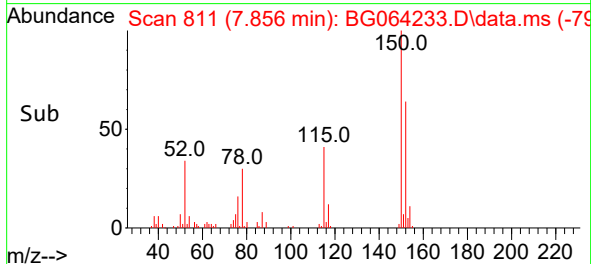
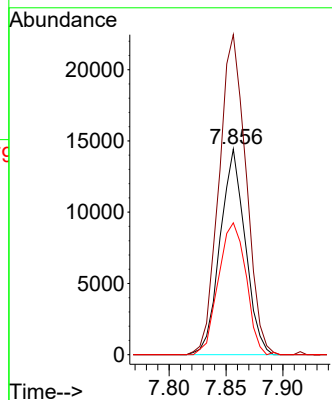
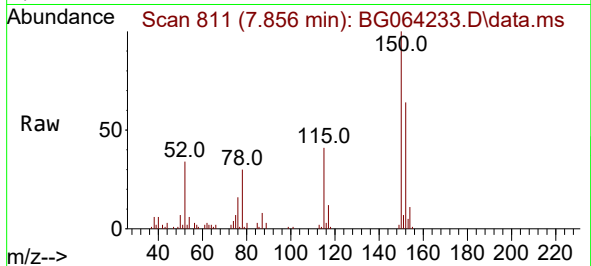




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.856 min Scan# 812  
Delta R.T. -0.003 min  
Lab File: BG064233.D  
Acq: 29 Aug 2025 18:37

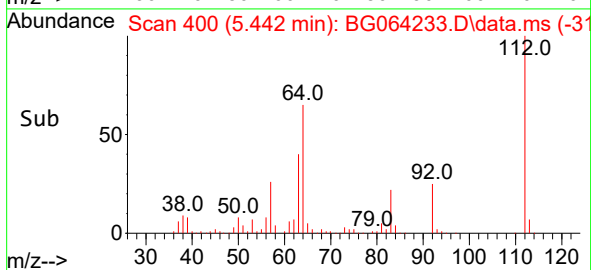
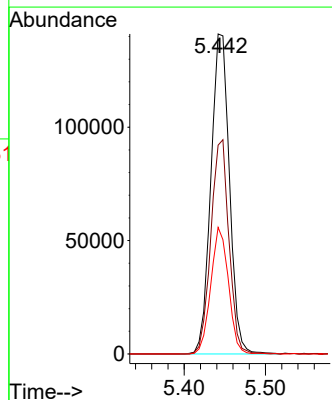
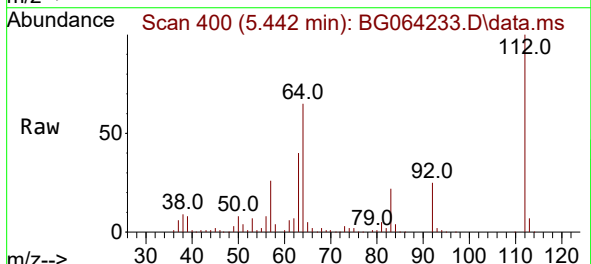
Instrument :  
BNA\_G  
ClientSampleId :  
PB169325TB

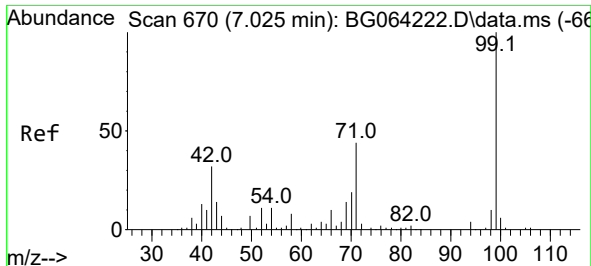
Tgt Ion:152 Resp: 22130  
Ion Ratio Lower Upper  
152 100  
150 155.7 128.0 192.0  
115 64.1 55.7 83.5



#5  
2-Fluorophenol  
Concen: 181.452 ng  
RT: 5.442 min Scan# 400  
Delta R.T. -0.003 min  
Lab File: BG064233.D  
Acq: 29 Aug 2025 18:37

Tgt Ion:112 Resp: 223819  
Ion Ratio Lower Upper  
112 100  
64 65.2 51.8 77.6  
63 39.5 30.6 45.8

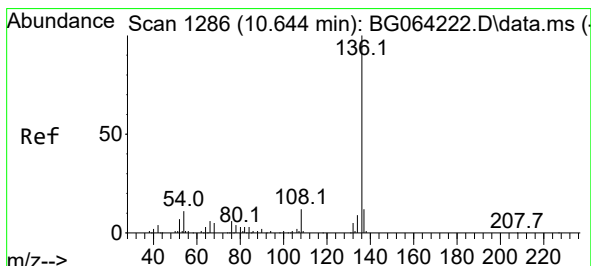
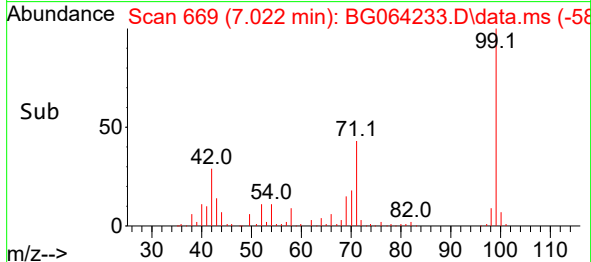
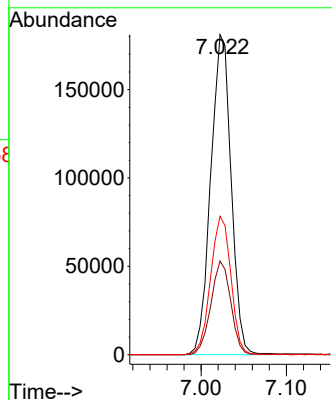
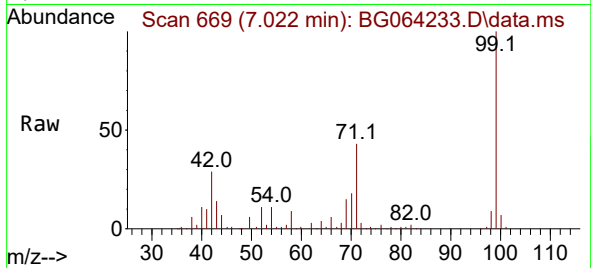




#7  
Phenol-d6  
Concen: 177.991 ng  
RT: 7.022 min Scan# 609  
Delta R.T. -0.009 min  
Lab File: BG064233.D  
Acq: 29 Aug 2025 18:37

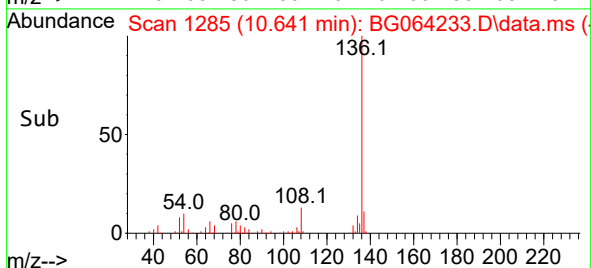
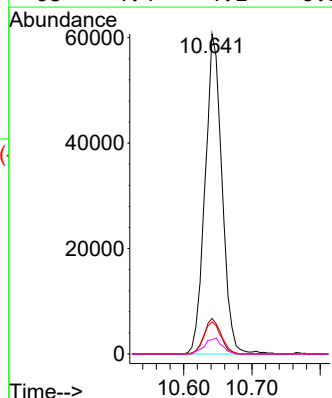
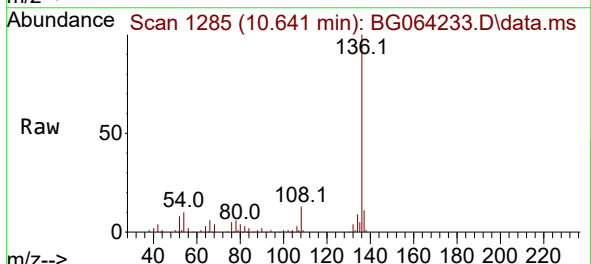
Instrument :  
BNA\_G  
ClientSampleId :  
PB169325TB

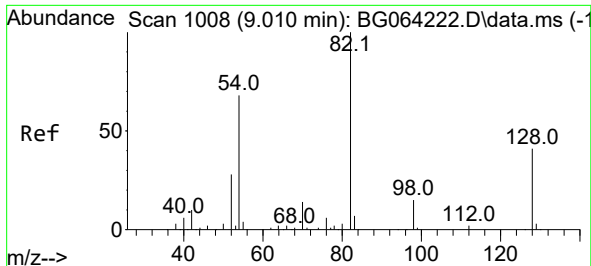
Tgt Ion: 99 Resp: 301624  
Ion Ratio Lower Upper  
99 100  
42 29.3 25.8 38.8  
71 43.3 35.2 52.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.641 min Scan# 1285  
Delta R.T. -0.009 min  
Lab File: BG064233.D  
Acq: 29 Aug 2025 18:37

Tgt Ion: 136 Resp: 104678  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.6 14.4  
54 10.1 8.8 13.2  
68 4.4 4.1 6.1





#23  
Nitrobenzene-d5  
Concen: 109.939 ng  
RT: 9.008 min Scan# 1007  
Delta R.T. -0.009 min  
Lab File: BG064233.D  
Acq: 29 Aug 2025 18:37

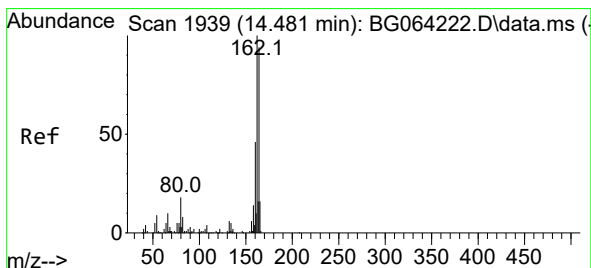
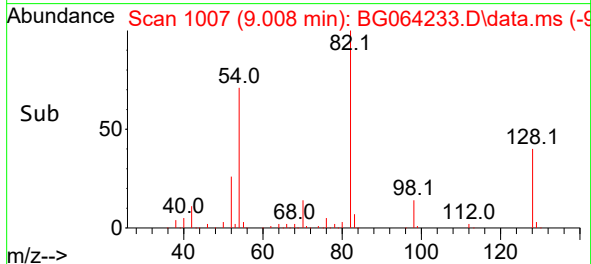
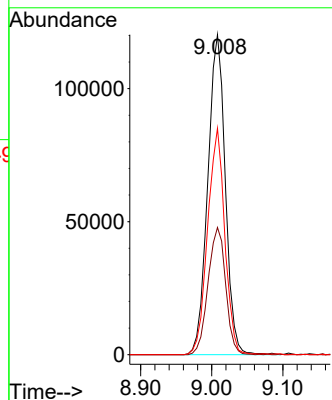
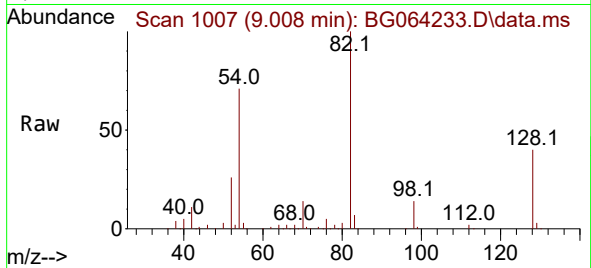
Instrument :

BNA\_G

ClientSampleId :

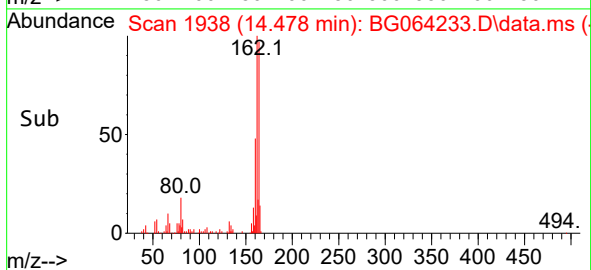
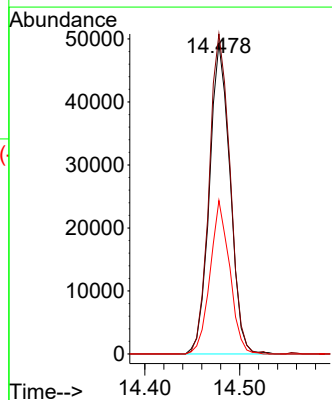
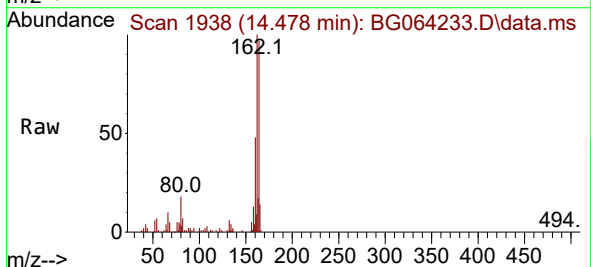
PB169325TB

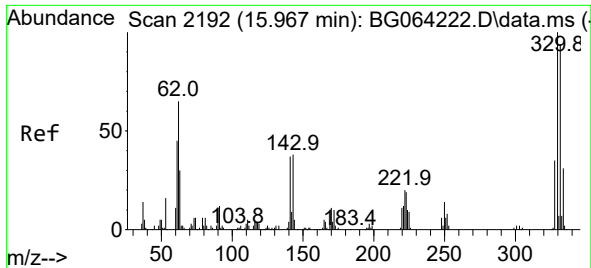
Tgt Ion: 82 Resp: 206350  
Ion Ratio Lower Upper  
82 100  
128 39.8 32.6 48.8  
54 70.7 54.7 82.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.478 min Scan# 1938  
Delta R.T. -0.003 min  
Lab File: BG064233.D  
Acq: 29 Aug 2025 18:37

Tgt Ion:164 Resp: 74475  
Ion Ratio Lower Upper  
164 100  
162 103.0 85.4 128.0  
160 49.4 39.2 58.8





#42

2,4,6-Tribromophenol

Concen: 168.446 ng

RT: 15.965 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064233.D

Acq: 29 Aug 2025 18:37

Instrument :

BNA\_G

ClientSampleId :

PB169325TB

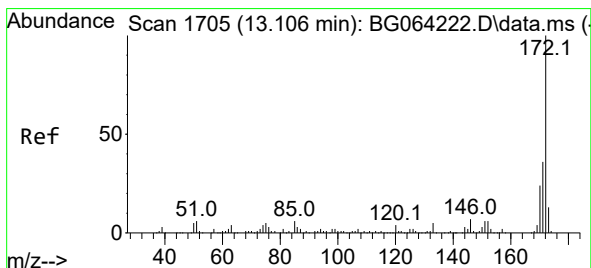
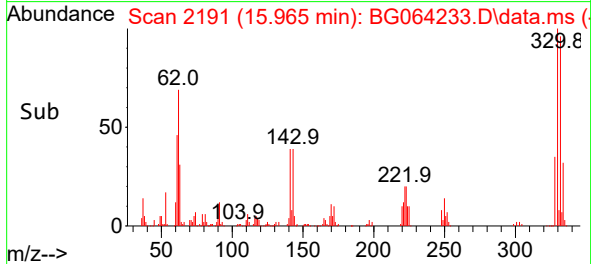
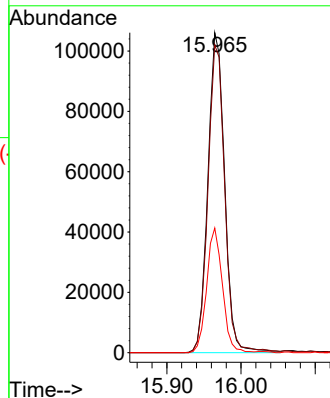
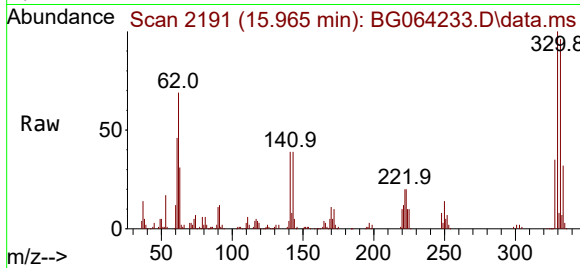
Tgt Ion:330 Resp: 166164

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 36.7 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 105.509 ng

RT: 13.103 min Scan# 1704

Delta R.T. -0.009 min

Lab File: BG064233.D

Acq: 29 Aug 2025 18:37

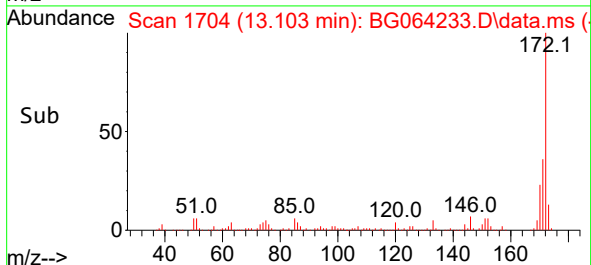
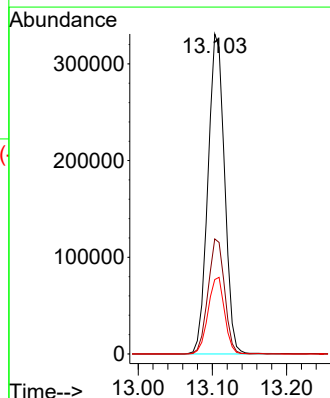
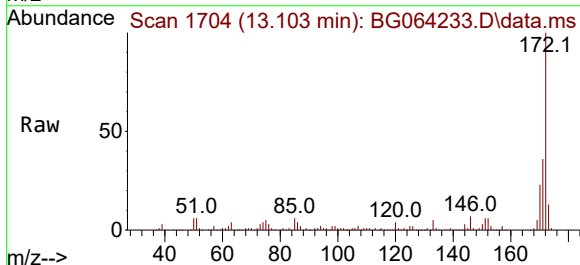
Tgt Ion:172 Resp: 514809

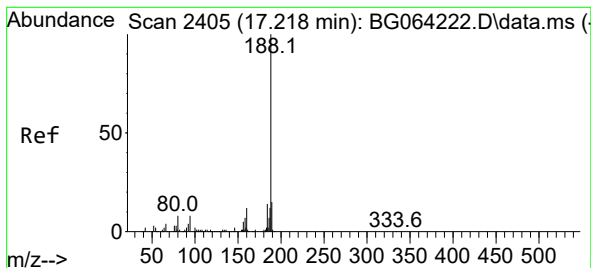
Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 23.3 19.0 28.6

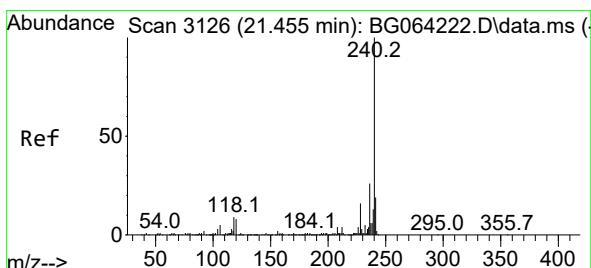
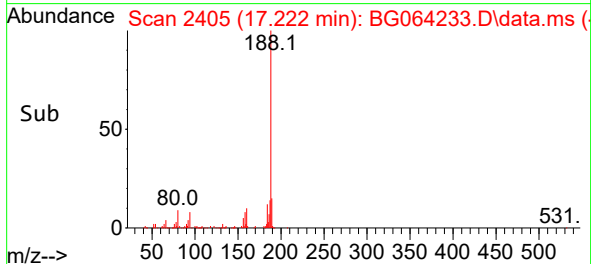
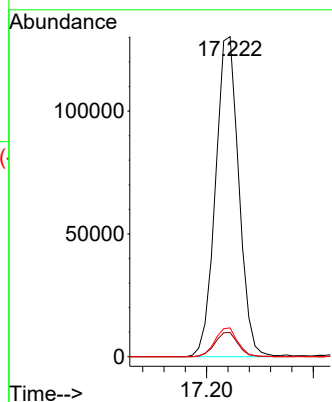
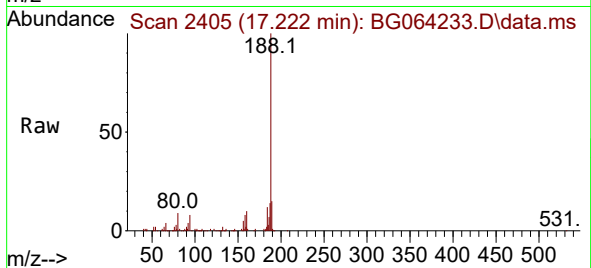




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.222 min Scan# 2405  
Delta R.T. -0.003 min  
Lab File: BG064233.D  
Acq: 29 Aug 2025 18:37

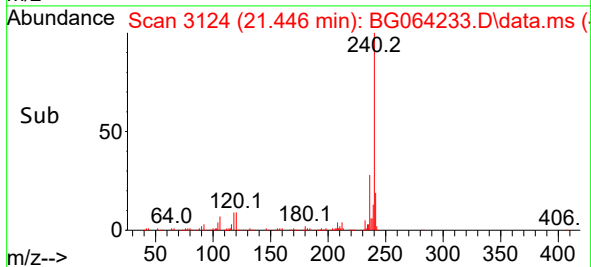
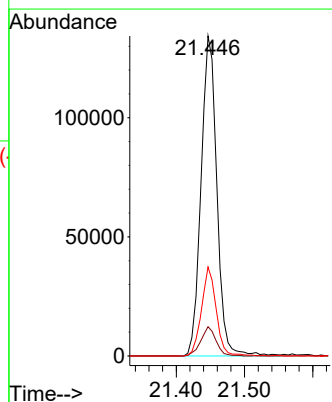
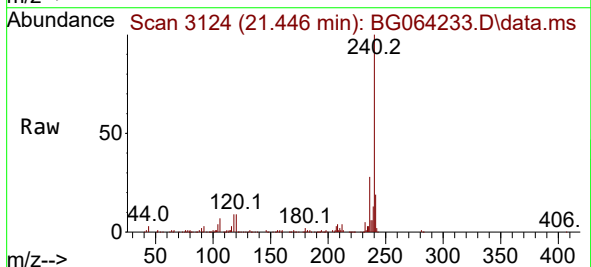
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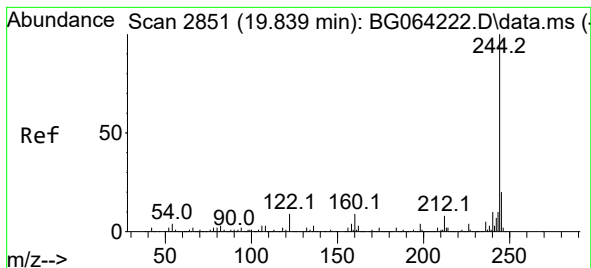
Tgt Ion:188 Resp: 197454  
Ion Ratio Lower Upper  
188 100  
94 7.6 6.2 9.4  
80 9.0 6.8 10.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.446 min Scan# 3124  
Delta R.T. -0.009 min  
Lab File: BG064233.D  
Acq: 29 Aug 2025 18:37

Tgt Ion:240 Resp: 216479  
Ion Ratio Lower Upper  
240 100  
120 9.1 6.2 9.4  
236 27.8 20.5 30.7





#79

Terphenyl-d14

Concen: 108.389 ng

RT: 19.842 min Scan# 2

Delta R.T. -0.003 min

Lab File: BG064233.D

Acq: 29 Aug 2025 18:37

Instrument :

BNA\_G

ClientSampleId :

PB169325TB

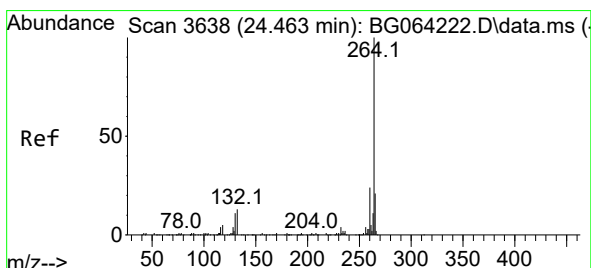
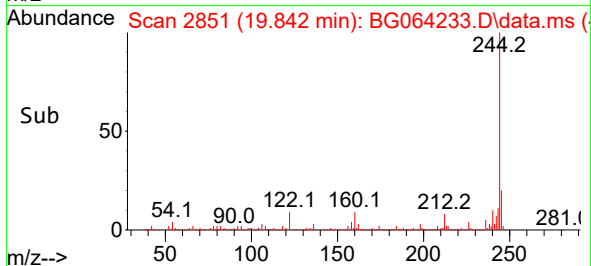
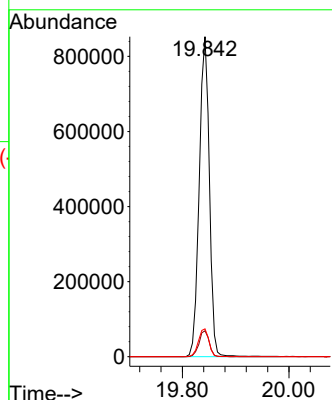
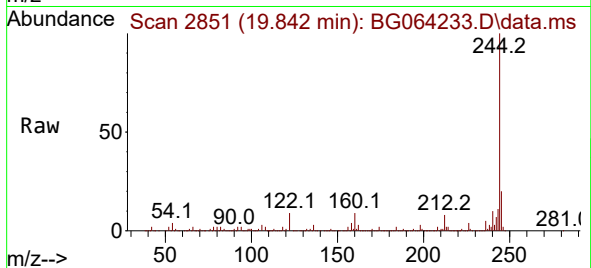
Tgt Ion:244 Resp: 1124640

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

122 8.7 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.455 min Scan# 3636

Delta R.T. -0.009 min

Lab File: BG064233.D

Acq: 29 Aug 2025 18:37

Tgt Ion:264 Resp: 233782

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.0 16.7 25.1

