

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG103125\  
Data File : BG064667.D  
Acq On : 31 Oct 2025 22:22  
Operator : RC/JU  
Sample : Q3503-03 10X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
323

Quant Time: Oct 31 23:30:25 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 24 16:40:26 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.223  | 152  | 42387    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.049 | 136  | 173187   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.839 | 164  | 127980   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.577 | 188  | 244870   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.854 | 240  | 264459   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.203 | 264  | 308053   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.749  | 112  | 22143    | 8.768  | ng    | 0.00     |
| 7) Phenol-d6                | 7.353  | 99   | 32118    | 9.269  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.380  | 82   | 20671    | 7.169  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.319 | 330  | 17801    | 9.637  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.470 | 172  | 60644    | 7.182  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.168 | 244  | 97239    | 6.939  | ng    | 0.00     |

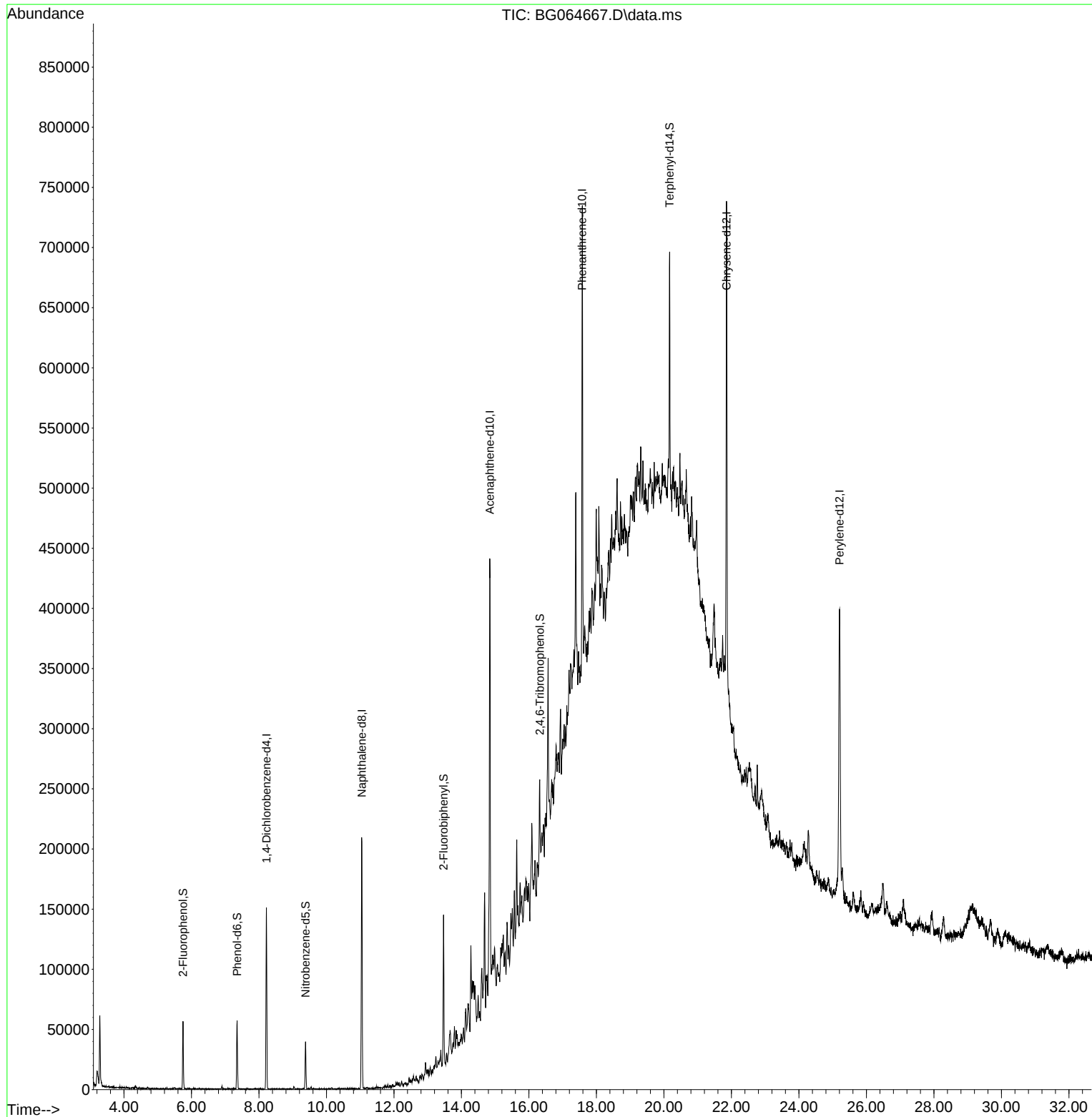
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

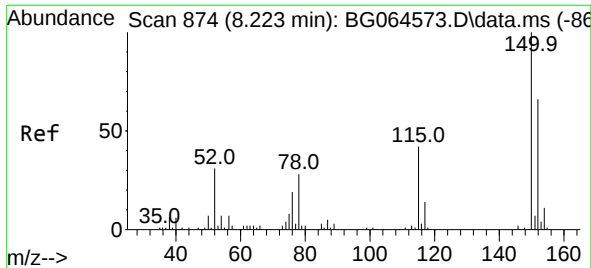
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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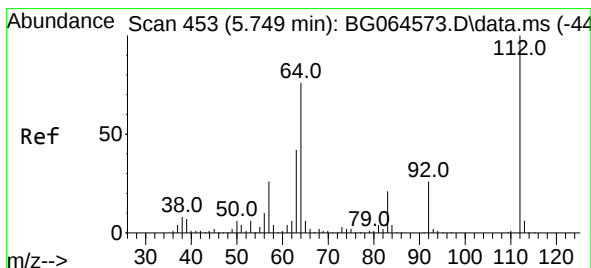
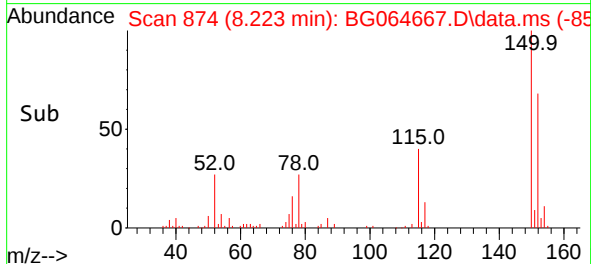
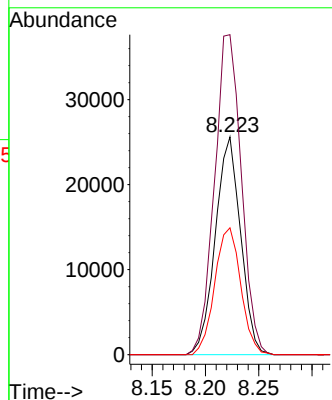
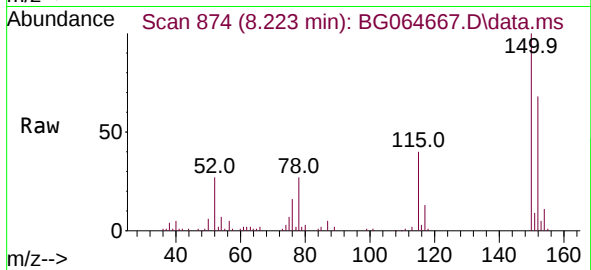




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.223 min Scan# 81  
Delta R.T. 0.002 min  
Lab File: BG064667.D  
Acq: 31 Oct 2025 22:22

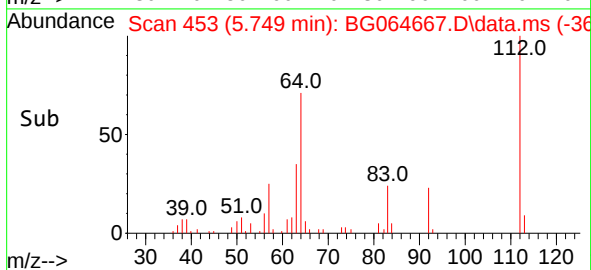
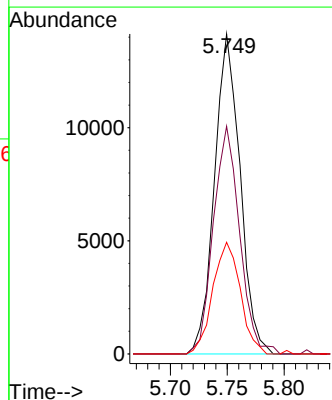
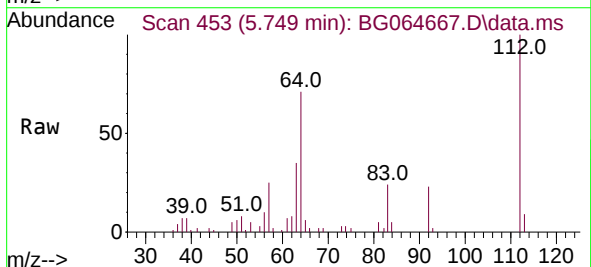
Instrument :  
BNA\_G  
ClientSampleId :  
323

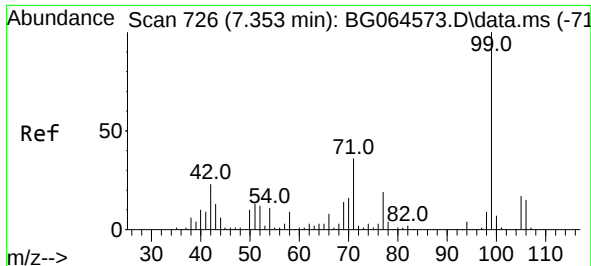
Tgt Ion:152 Resp: 42387  
Ion Ratio Lower Upper  
152 100  
150 147.0 122.2 183.4  
115 58.2 50.8 76.2



#5  
2-Fluorophenol  
Concen: 8.768 ng  
RT: 5.749 min Scan# 453  
Delta R.T. 0.002 min  
Lab File: BG064667.D  
Acq: 31 Oct 2025 22:22

Tgt Ion:112 Resp: 22143  
Ion Ratio Lower Upper  
112 100  
64 71.1 60.7 91.1  
63 34.9 33.4 50.0





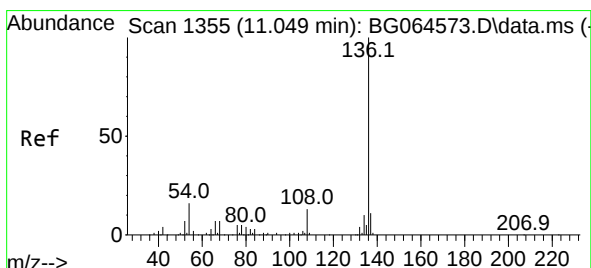
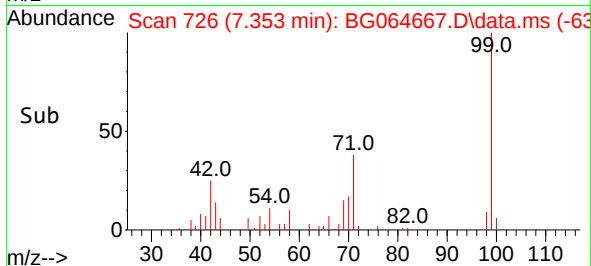
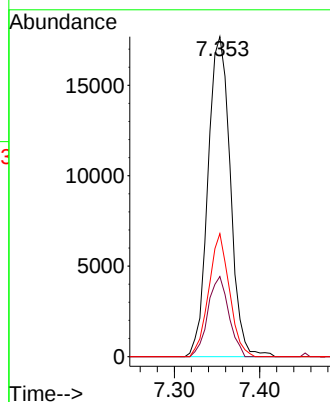
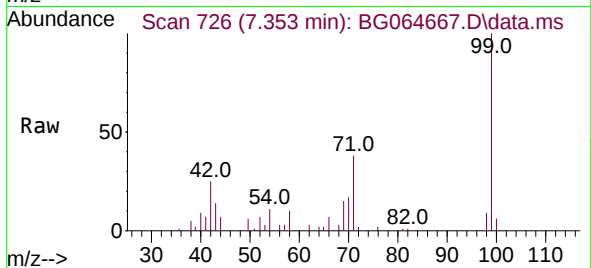
#7  
Phenol-d6  
Concen: 9.269 ng  
RT: 7.353 min Scan# 71  
Delta R.T. -0.003 min  
Lab File: BG064667.D  
Acq: 31 Oct 2025 22:22

Instrument :

BNA\_G

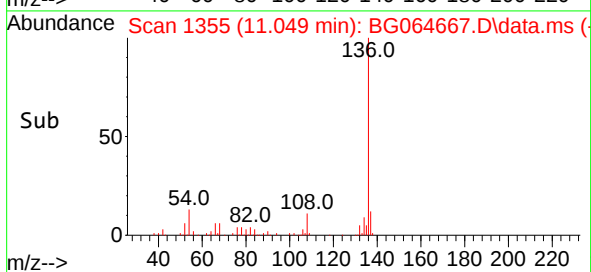
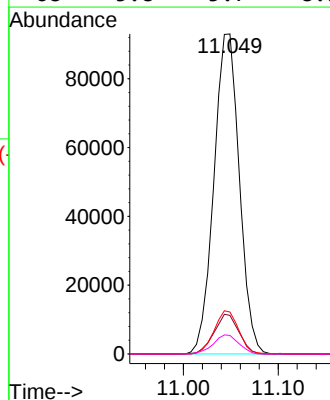
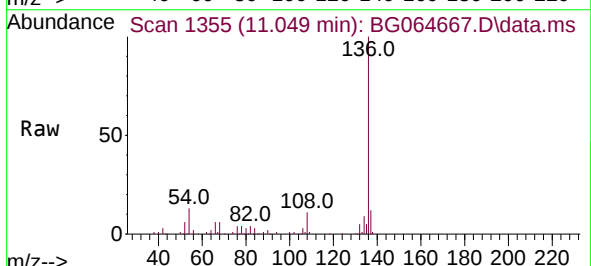
ClientSampleId :  
323

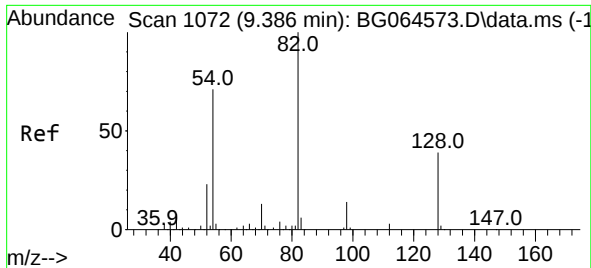
Tgt Ion: 99 Resp: 32118  
Ion Ratio Lower Upper  
99 100  
42 25.1 18.3 27.5  
71 38.4 28.6 43.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.049 min Scan# 1355  
Delta R.T. -0.003 min  
Lab File: BG064667.D  
Acq: 31 Oct 2025 22:22

Tgt Ion:136 Resp: 173187  
Ion Ratio Lower Upper  
136 100  
137 12.0 9.2 13.8  
54 13.1 12.6 19.0  
68 5.8 5.7 8.5

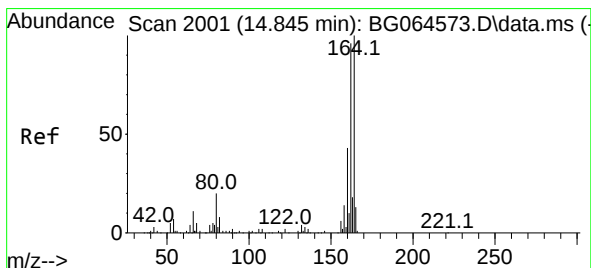
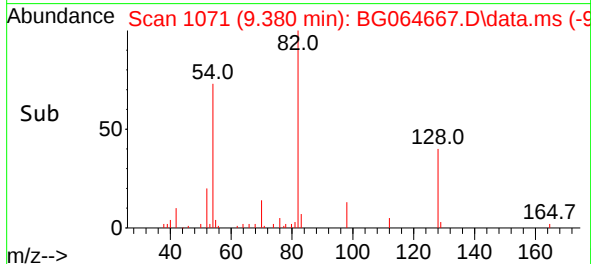
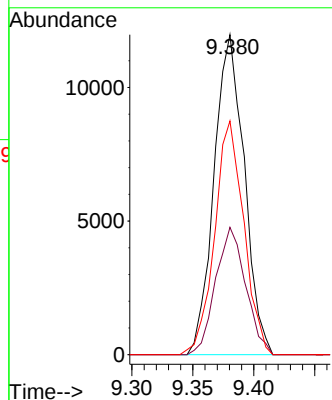
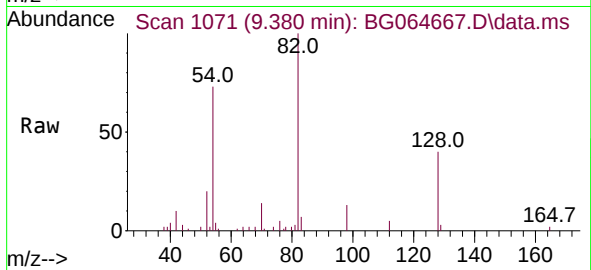




#23  
Nitrobenzene-d5  
Concen: 7.169 ng  
RT: 9.380 min Scan# 1072  
Delta R.T. -0.010 min  
Lab File: BG064667.D  
Acq: 31 Oct 2025 22:22

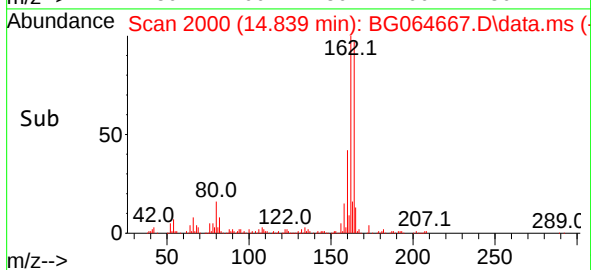
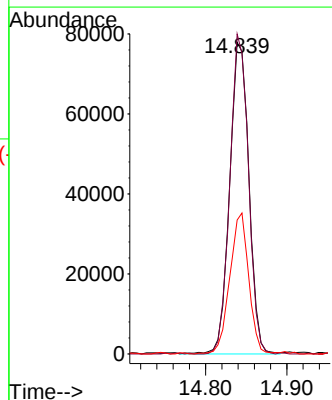
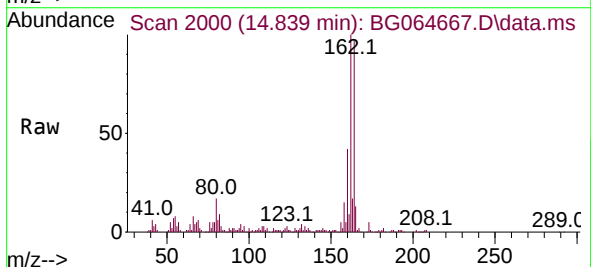
Instrument :  
BNA\_G  
ClientSampleId :  
323

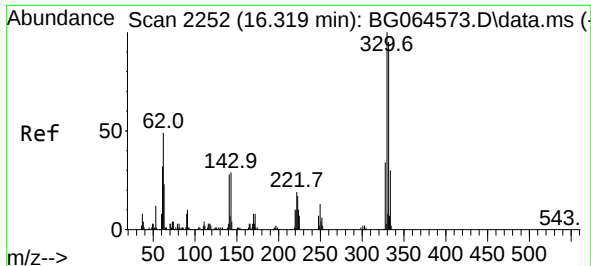
Tgt Ion: 82 Resp: 20671  
Ion Ratio Lower Upper  
82 100  
128 39.8 31.3 46.9  
54 73.0 56.6 84.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.839 min Scan# 2000  
Delta R.T. -0.003 min  
Lab File: BG064667.D  
Acq: 31 Oct 2025 22:22

Tgt Ion:164 Resp: 127980  
Ion Ratio Lower Upper  
164 100  
162 102.7 77.0 115.6  
160 42.9 34.4 51.6

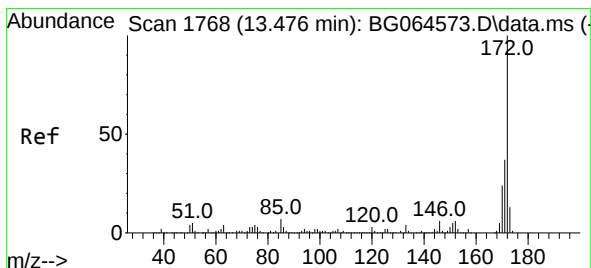
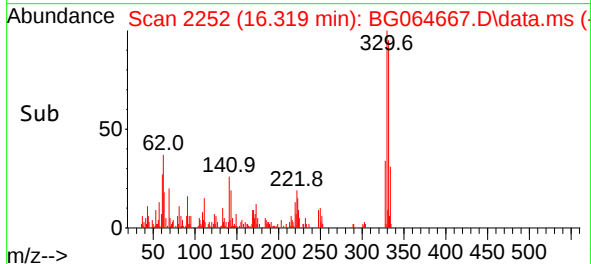
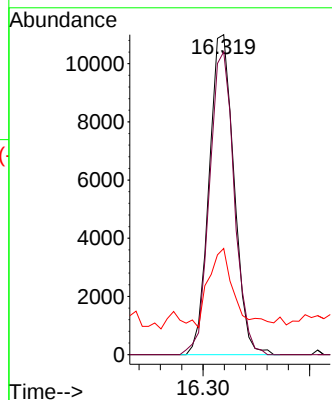
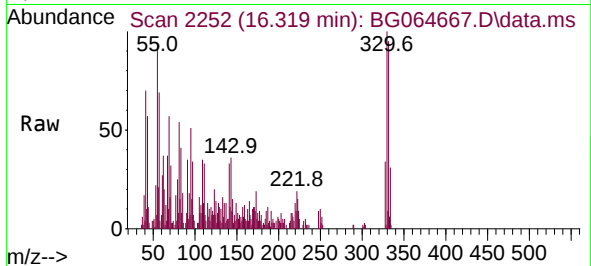




#42  
2,4,6-Tribromophenol  
Concen: 9.637 ng  
RT: 16.319 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064667.D  
Acq: 31 Oct 2025 22:22

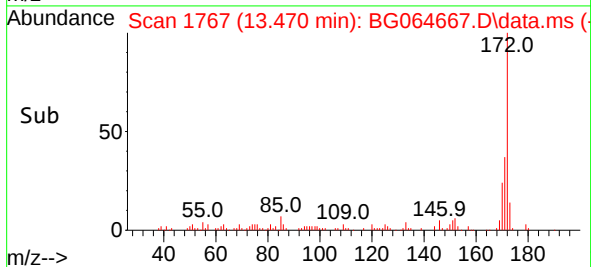
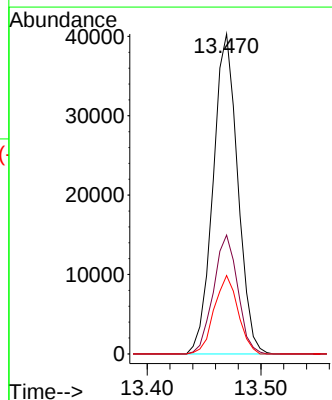
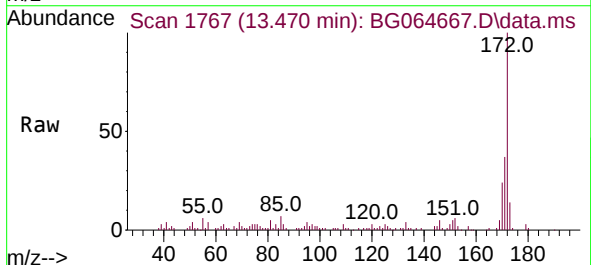
Instrument :  
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ClientSampleId :  
323

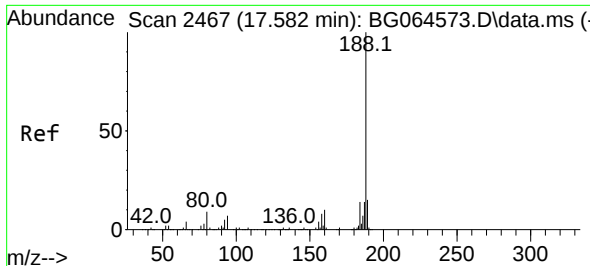
Tgt Ion:330 Resp: 17801  
Ion Ratio Lower Upper  
330 100  
332 94.2 78.0 117.0  
141 21.6 21.8 32.6#



#45  
2-Fluorobiphenyl  
Concen: 7.182 ng  
RT: 13.470 min Scan# 1767  
Delta R.T. -0.009 min  
Lab File: BG064667.D  
Acq: 31 Oct 2025 22:22

Tgt Ion:172 Resp: 60644  
Ion Ratio Lower Upper  
172 100  
171 37.1 29.4 44.0  
170 24.5 19.1 28.7

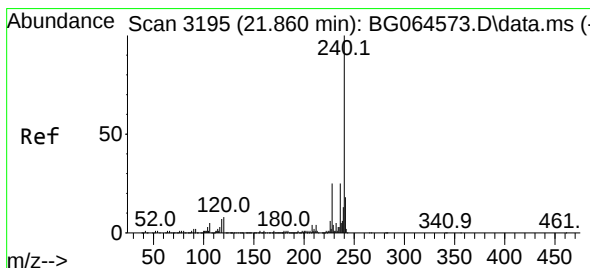
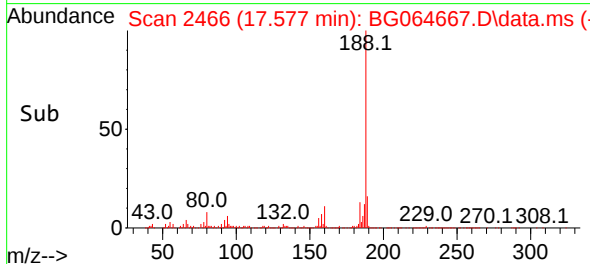
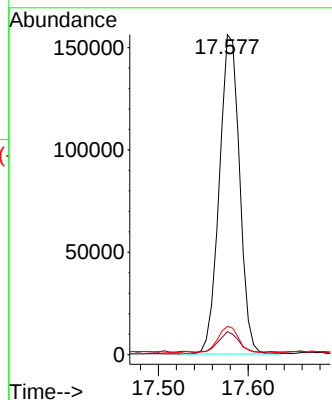
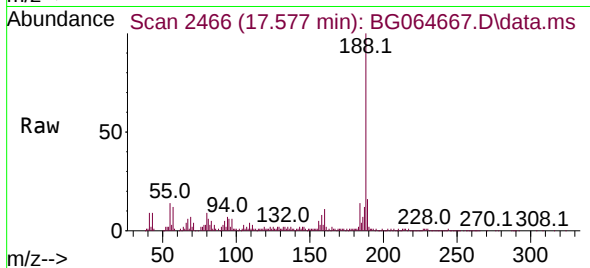




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.577 min Scan# 2466  
Delta R.T. -0.003 min  
Lab File: BG064667.D  
Acq: 31 Oct 2025 22:22

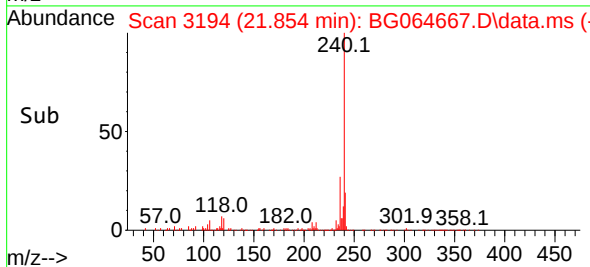
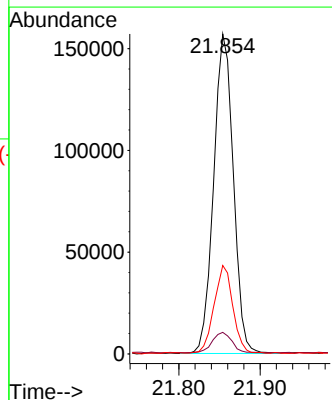
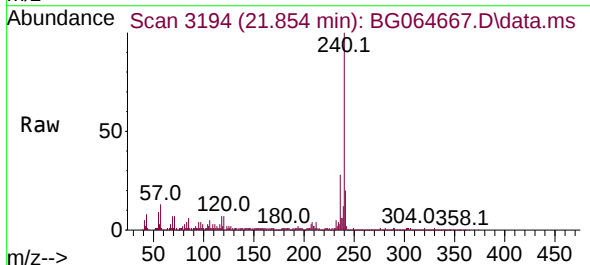
Instrument :  
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ClientSampleId :  
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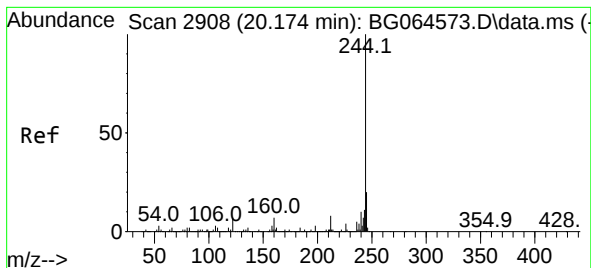
Tgt Ion:188 Resp: 244870  
Ion Ratio Lower Upper  
188 100  
94 7.2 5.7 8.5  
80 8.8 6.8 10.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.854 min Scan# 3194  
Delta R.T. -0.009 min  
Lab File: BG064667.D  
Acq: 31 Oct 2025 22:22

Tgt Ion:240 Resp: 264459  
Ion Ratio Lower Upper  
240 100  
120 6.7 6.5 9.7  
236 27.6 20.2 30.2





#79

Terphenyl-d14

Concen: 6.939 ng

RT: 20.168 min Scan# 2907

Delta R.T. -0.009 min

Lab File: BG064667.D

Acq: 31 Oct 2025 22:22

Instrument :

BNA\_G

ClientSampleId :

323

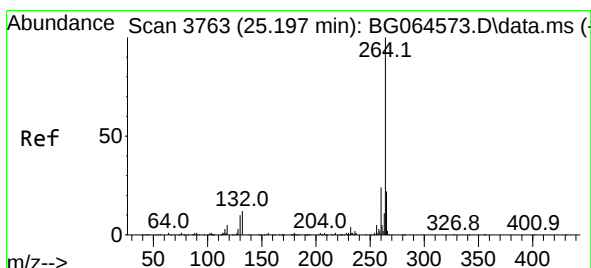
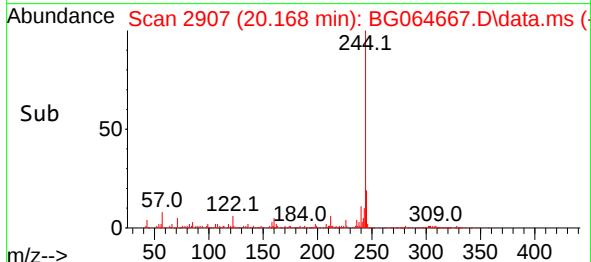
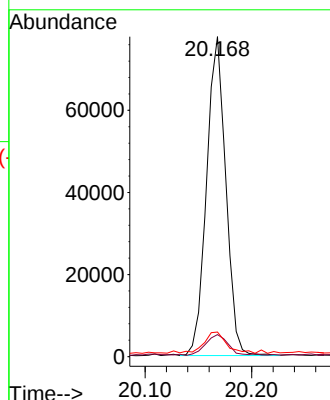
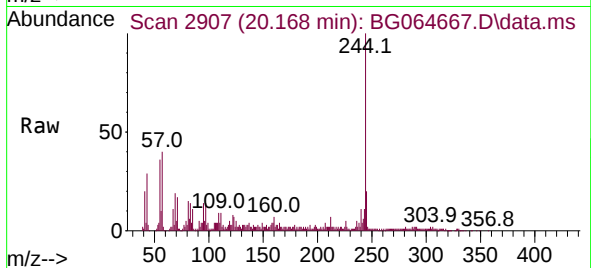
Tgt Ion:244 Resp: 97239

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 7.7 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.203 min Scan# 3764

Delta R.T. 0.002 min

Lab File: BG064667.D

Acq: 31 Oct 2025 22:22

Tgt Ion:264 Resp: 308053

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 21.0 17.6 26.4

