

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110725\  
 Data File : BG064714.D  
 Acq On : 7 Nov 2025 12:30  
 Operator : RC/JU  
 Sample : PB170428BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170428BL

Quant Time: Nov 07 13:12:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 03 18:16:26 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.202  | 152  | 32639    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 11.023 | 136  | 124508   | 20.000  | ng    | #-0.03   |
| 39) Acenaphthene-d10        | 14.824 | 164  | 100997   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.562 | 188  | 250367   | 20.000  | ng    | #-0.02   |
| 76) Chrysene-d12            | 21.828 | 240  | 317332   | 20.000  | ng    | #-0.03   |
| 86) Perylene-d12            | 25.147 | 264  | 343427   | 20.000  | ng    | -0.05    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.735  | 112  | 250587   | 128.867 | ng    | -0.01    |
| 7) Phenol-d6                | 7.345  | 99   | 334238   | 125.262 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.366  | 82   | 212936   | 102.720 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.305 | 330  | 246730   | 169.261 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.455 | 172  | 630348   | 94.602  | ng    | -0.02    |
| 79) Terphenyl-d14           | 20.147 | 244  | 1500371  | 89.227  | ng    | -0.03    |

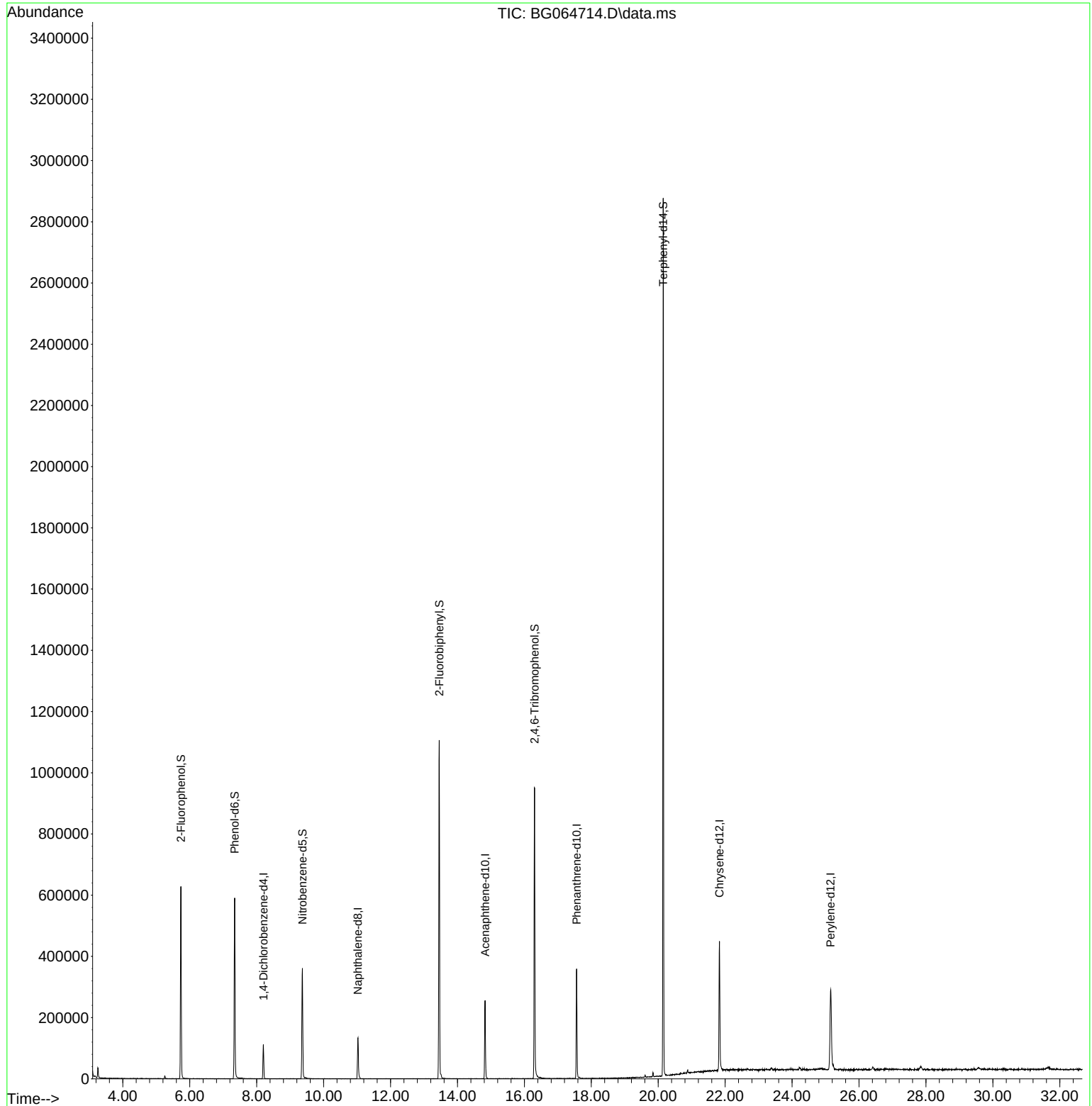
Target Compounds Qvalue

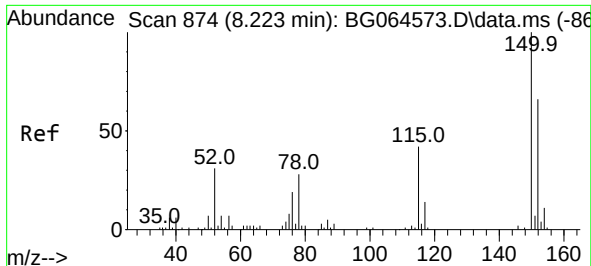
-----  
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110725\  
Data File : BG064714.D  
Acq On : 7 Nov 2025 12:30  
Operator : RC/JU  
Sample : PB170428BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB170428BL

Quant Time: Nov 07 13:12:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 03 18:16:26 2025  
Response via : Initial Calibration

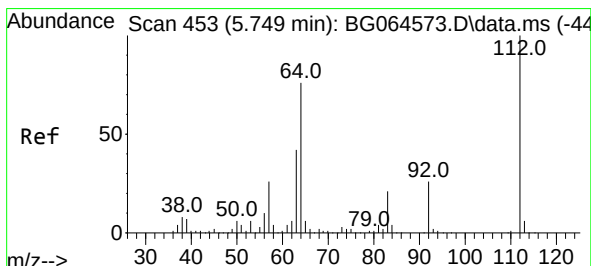
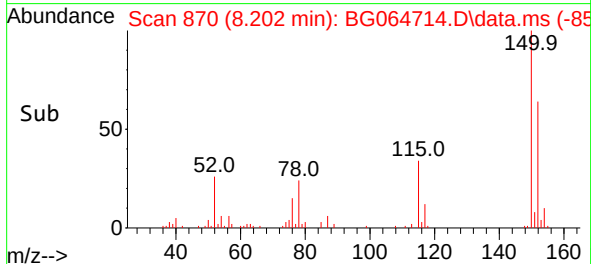
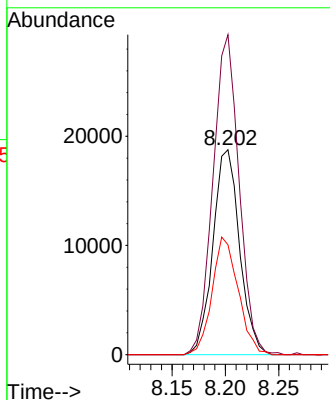
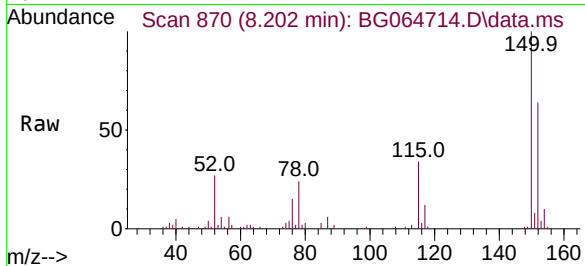




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.202 min Scan# 81  
Delta R.T. -0.021 min  
Lab File: BG064714.D  
Acq: 7 Nov 2025 12:30

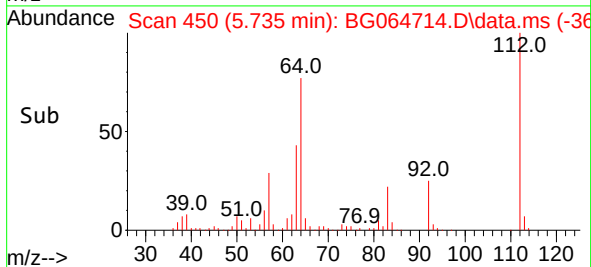
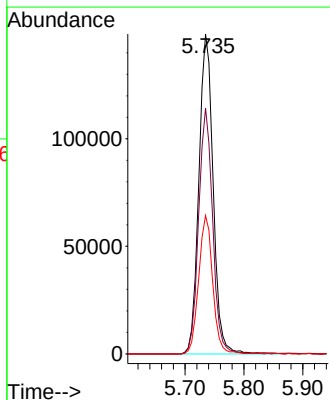
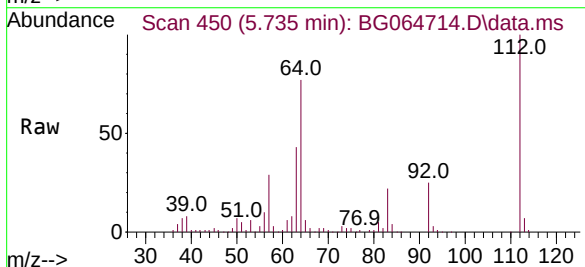
Instrument :  
BNA\_G  
ClientSampleId :  
PB170428BL

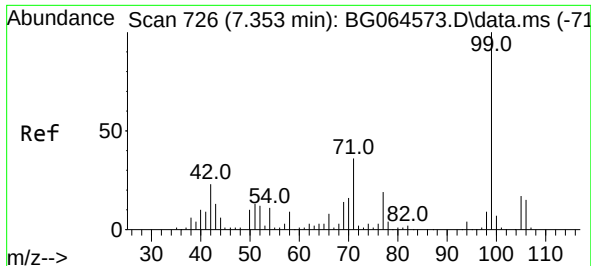
Tgt Ion:152 Resp: 32639  
Ion Ratio Lower Upper  
152 100  
150 156.2 122.2 183.4  
115 53.6 50.8 76.2



#5  
2-Fluorophenol  
Concen: 128.867 ng  
RT: 5.735 min Scan# 450  
Delta R.T. -0.015 min  
Lab File: BG064714.D  
Acq: 7 Nov 2025 12:30

Tgt Ion:112 Resp: 250587  
Ion Ratio Lower Upper  
112 100  
64 76.8 60.7 91.1  
63 43.2 33.4 50.0

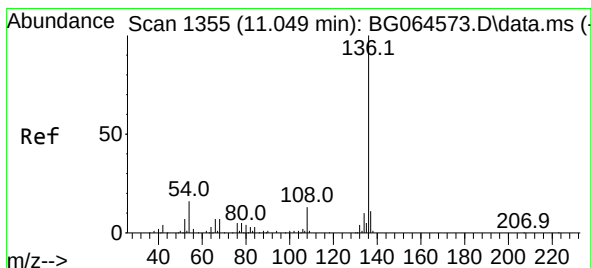
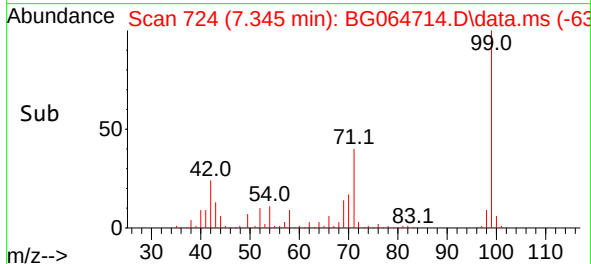
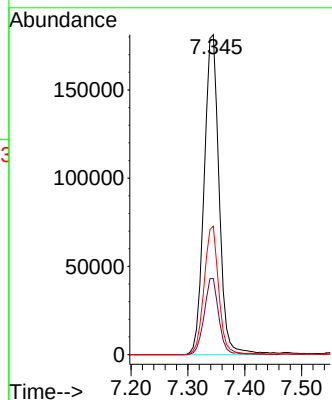
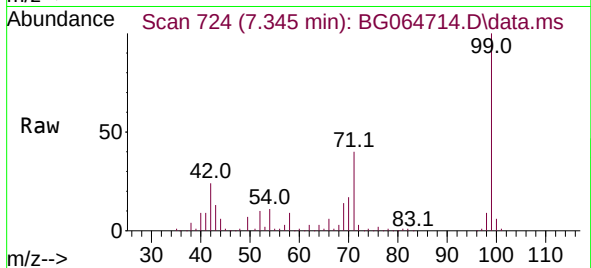




#7  
Phenol-d6  
Concen: 125.262 ng  
RT: 7.345 min Scan# 71  
Delta R.T. -0.009 min  
Lab File: BG064714.D  
Acq: 7 Nov 2025 12:30

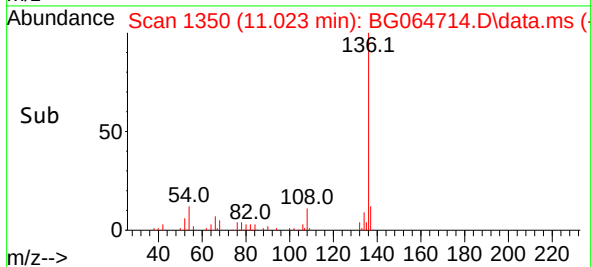
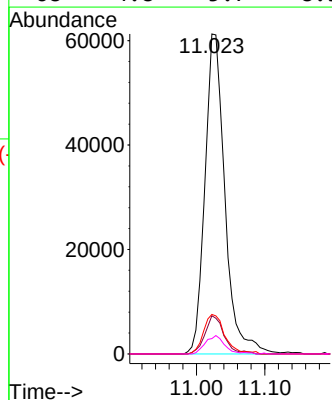
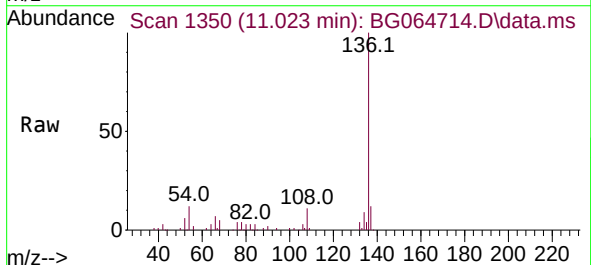
Instrument :  
BNA\_G  
ClientSampleId :  
PB170428BL

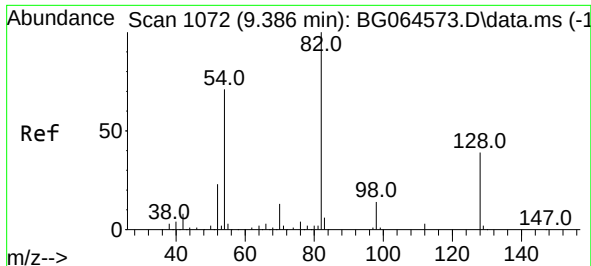
Tgt Ion: 99 Resp: 334238  
Ion Ratio Lower Upper  
99 100  
42 23.8 18.3 27.5  
71 40.1 28.6 43.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.023 min Scan# 1350  
Delta R.T. -0.026 min  
Lab File: BG064714.D  
Acq: 7 Nov 2025 12:30

Tgt Ion:136 Resp: 124508  
Ion Ratio Lower Upper  
136 100  
137 11.9 9.2 13.8  
54 12.3 12.6 19.0#  
68 4.8 5.7 8.5#





#23

Nitrobenzene-d5

Concen: 102.720 ng

RT: 9.366 min Scan# 1072

Delta R.T. -0.021 min

Lab File: BG064714.D

Acq: 7 Nov 2025 12:30

Instrument :

BNA\_G

ClientSampleId :

PB170428BL

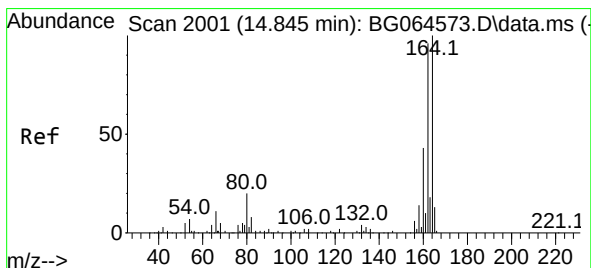
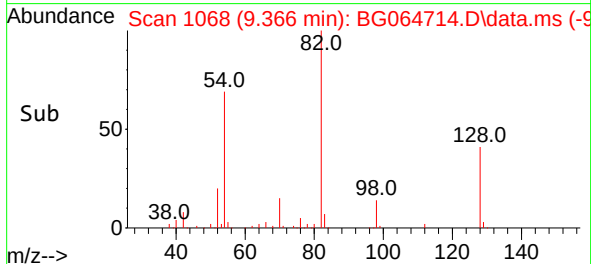
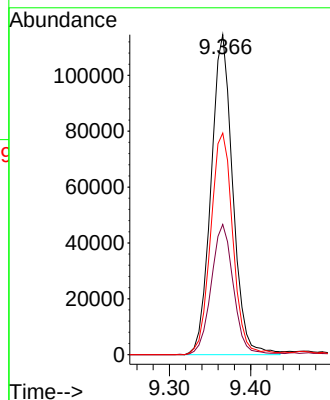
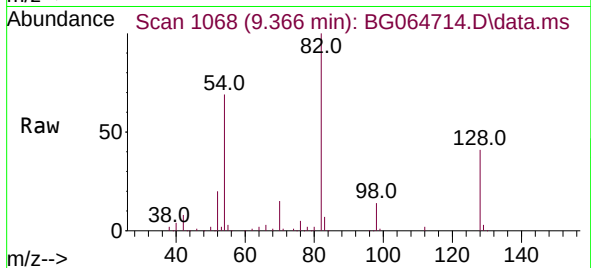
Tgt Ion: 82 Resp: 212936

Ion Ratio Lower Upper

82 100

128 40.7 31.3 46.9

54 69.2 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.824 min Scan# 1997

Delta R.T. -0.021 min

Lab File: BG064714.D

Acq: 7 Nov 2025 12:30

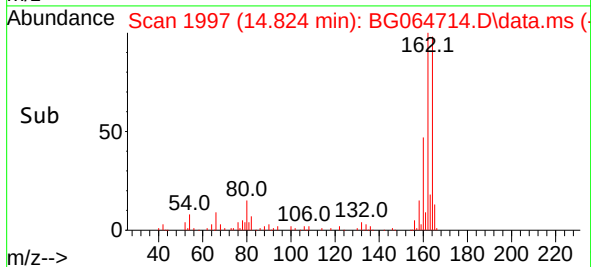
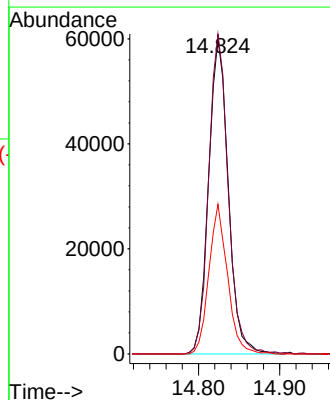
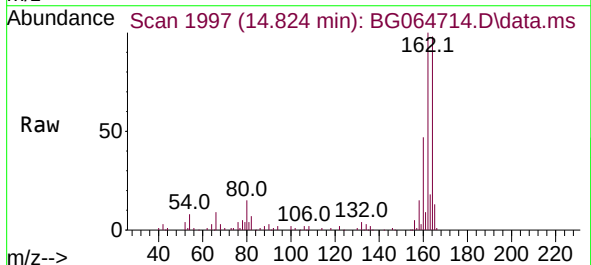
Tgt Ion: 164 Resp: 100997

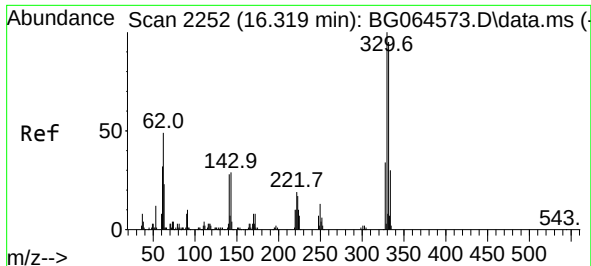
Ion Ratio Lower Upper

164 100

162 101.5 77.0 115.6

160 47.4 34.4 51.6

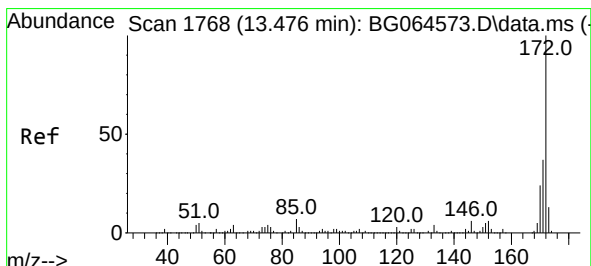
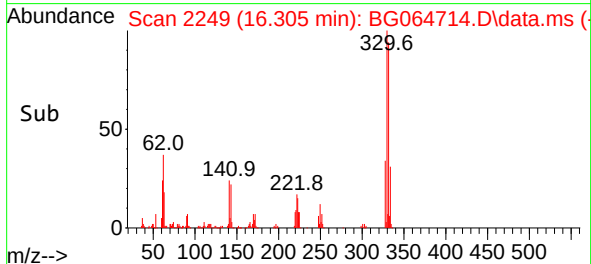
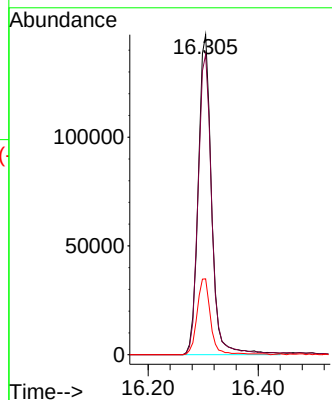
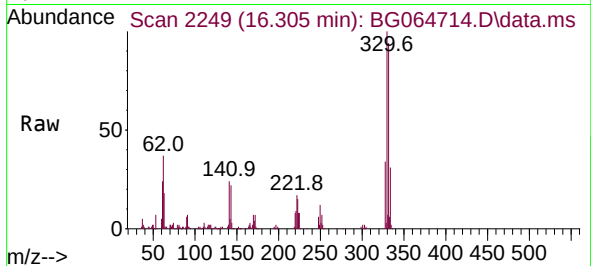




#42  
2,4,6-Tribromophenol  
Concen: 169.261 ng  
RT: 16.305 min Scan# 21  
Delta R.T. -0.015 min  
Lab File: BG064714.D  
Acq: 7 Nov 2025 12:30

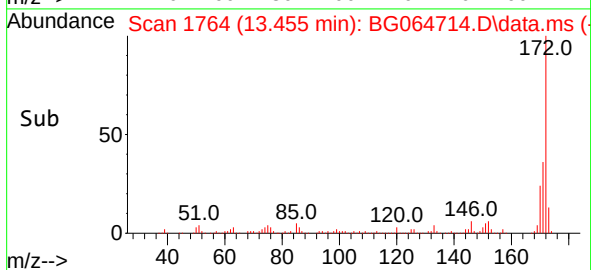
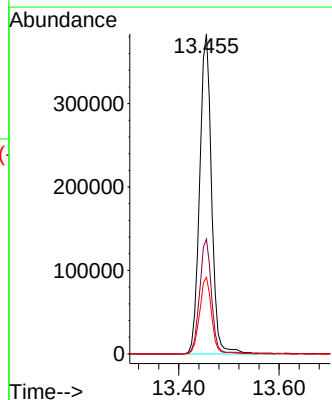
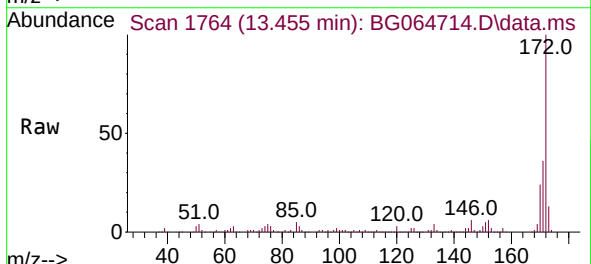
Instrument :  
BNA\_G  
ClientSampleId :  
PB170428BL

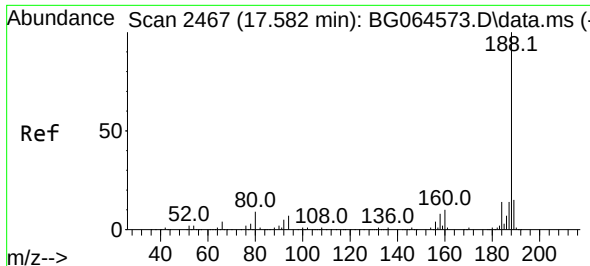
Tgt Ion:330 Resp: 246730  
Ion Ratio Lower Upper  
330 100  
332 95.8 78.0 117.0  
141 23.6 21.8 32.6



#45  
2-Fluorobiphenyl  
Concen: 94.602 ng  
RT: 13.455 min Scan# 1764  
Delta R.T. -0.021 min  
Lab File: BG064714.D  
Acq: 7 Nov 2025 12:30

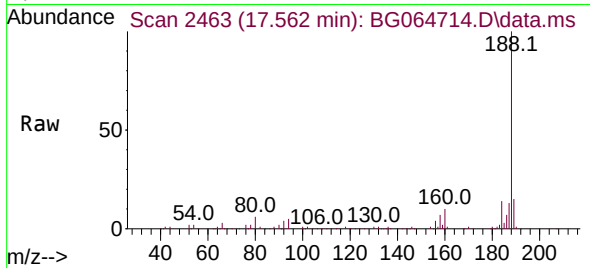
Tgt Ion:172 Resp: 630348  
Ion Ratio Lower Upper  
172 100  
171 35.9 29.4 44.0  
170 23.9 19.1 28.7



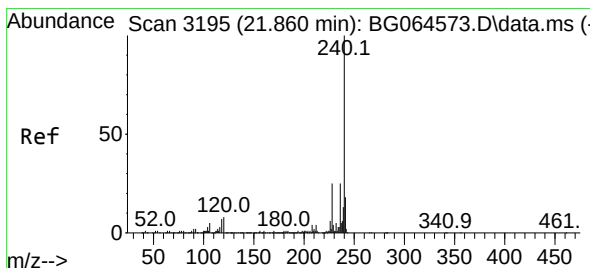
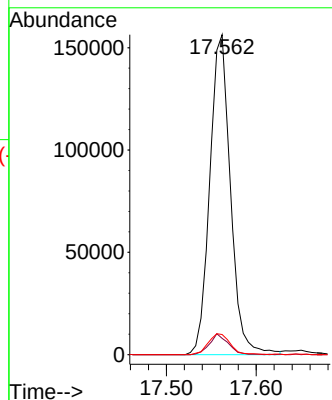
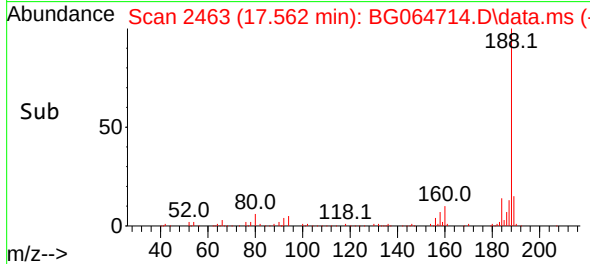


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.562 min Scan# 24  
Delta R.T. -0.021 min  
Lab File: BG064714.D  
Acq: 7 Nov 2025 12:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB170428BL

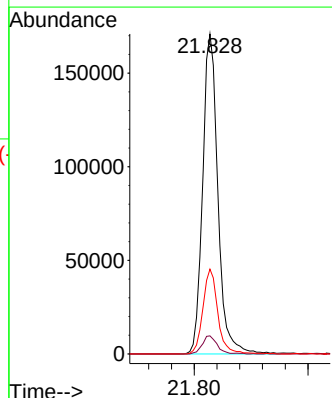
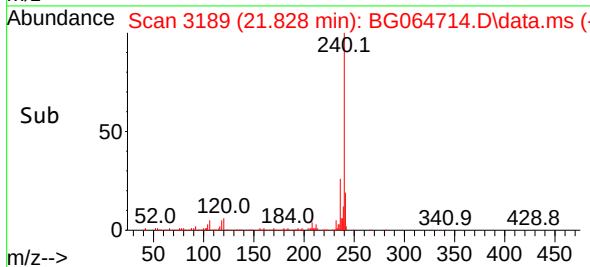
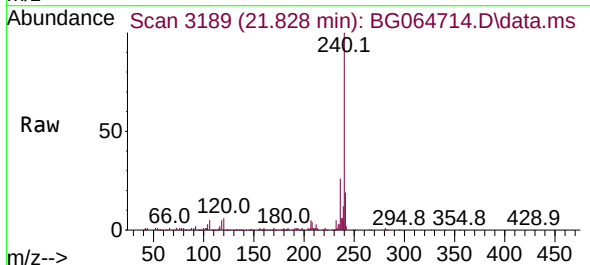


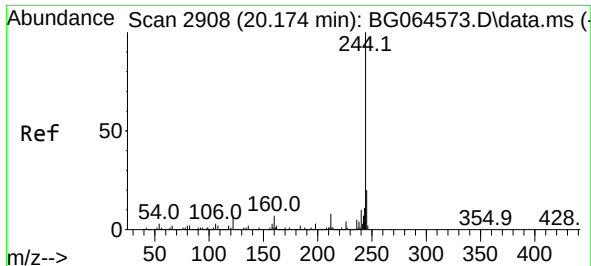
Tgt Ion:188 Resp: 250367  
Ion Ratio Lower Upper  
188 100  
94 5.1 5.7 8.5#  
80 6.3 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.828 min Scan# 3189  
Delta R.T. -0.032 min  
Lab File: BG064714.D  
Acq: 7 Nov 2025 12:30

Tgt Ion:240 Resp: 317332  
Ion Ratio Lower Upper  
240 100  
120 5.6 6.5 9.7#  
236 26.5 20.2 30.2

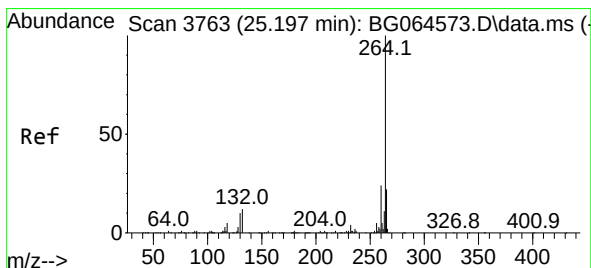
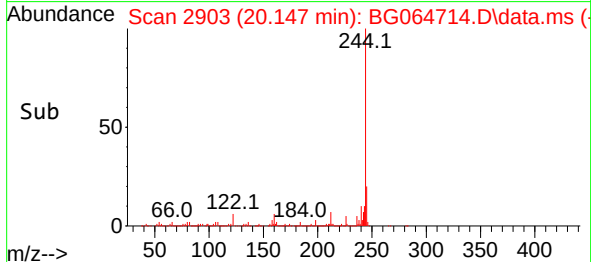
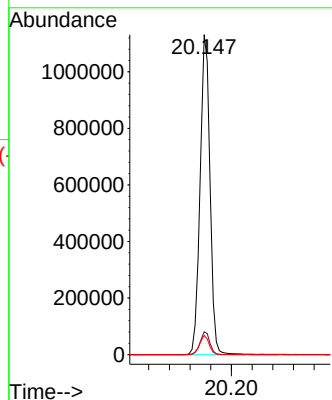
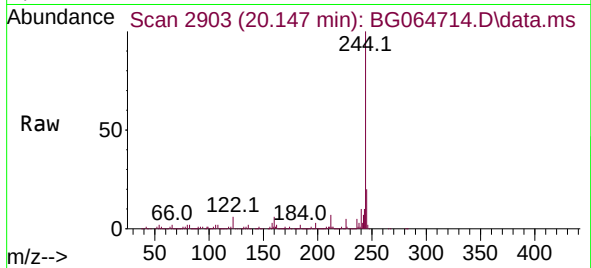




#79  
 Terphenyl-d14  
 Concen: 89.227 ng  
 RT: 20.147 min Scan# 2908  
 Delta R.T. -0.026 min  
 Lab File: BG064714.D  
 Acq: 7 Nov 2025 12:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170428BL

Tgt Ion:244 Resp: 1500371  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.1 9.1  
 122 6.0 5.6 8.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.147 min Scan# 3754  
 Delta R.T. -0.050 min  
 Lab File: BG064714.D  
 Acq: 7 Nov 2025 12:30

Tgt Ion:264 Resp: 343427  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.0 28.4  
 265 20.7 17.6 26.4

