

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121225\  
 Data File : BG064949.D  
 Acq On : 12 Dec 2025 13:05  
 Operator : RC/JU  
 Sample : Q3814-04  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-6

Quant Time: Dec 12 13:49:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 12 17:10:56 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.154  | 152  | 19524    | 20.000  | ng    | #-0.01   |
| 21) Naphthalene-d8          | 10.968 | 136  | 68552    | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10        | 14.764 | 164  | 54265    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.490 | 188  | 128220   | 20.000  | ng    | #-0.01   |
| 76) Chrysene-d12            | 21.738 | 240  | 169216   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12            | 24.993 | 264  | 175159   | 20.000  | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.698  | 112  | 187056   | 167.302 | ng    | 0.00     |
| 7) Phenol-d6                | 7.302  | 99   | 209276   | 140.729 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.317  | 82   | 160461   | 115.732 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.239 | 330  | 240196   | 226.957 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.395 | 172  | 509334   | 130.967 | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.081 | 244  | 1215326  | 141.278 | ng    | -0.01    |

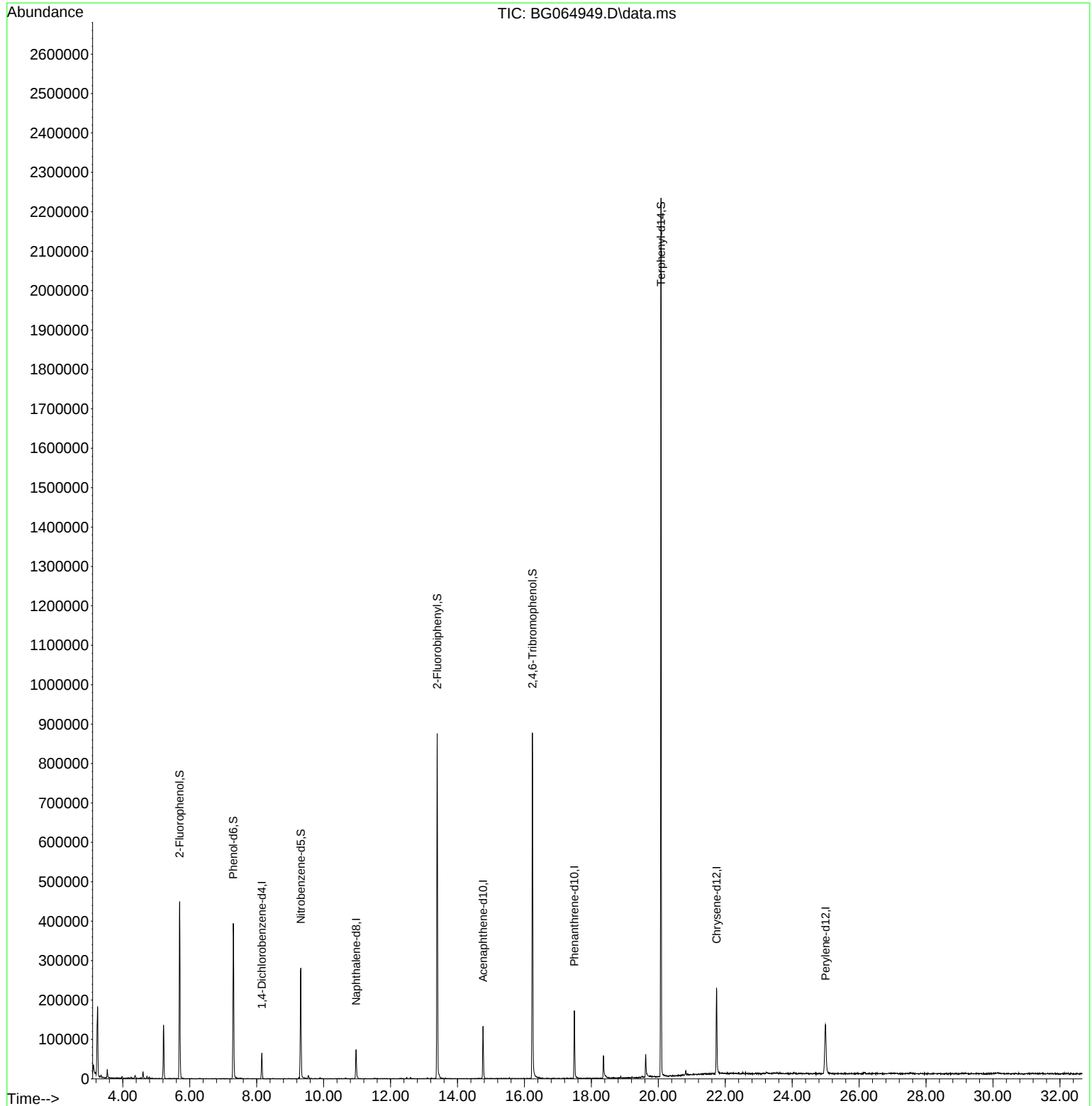
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

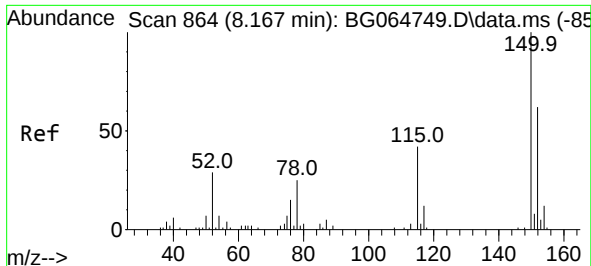
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121225\  
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Sample : Q3814-04  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

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TP-6

Quant Time: Dec 12 13:49:24 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 12 17:10:56 2025  
Response via : Initial Calibration

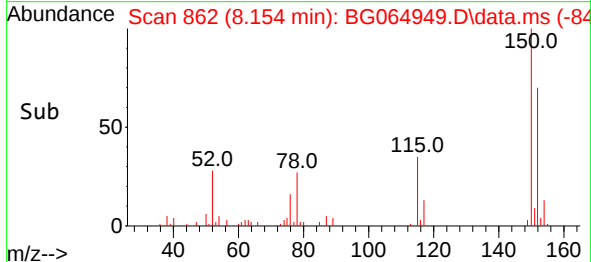
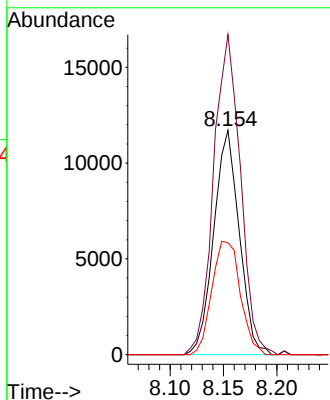
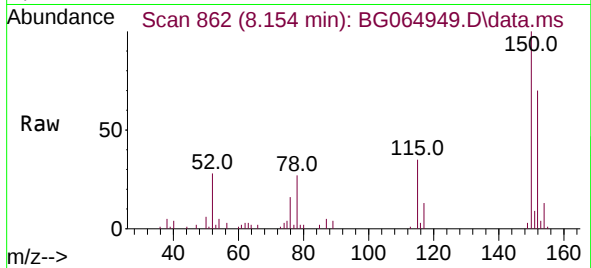




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.154 min Scan# 864  
Delta R.T. -0.013 min  
Lab File: BG064949.D  
Acq: 12 Dec 2025 13:05

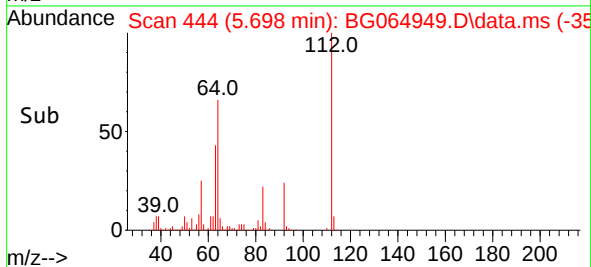
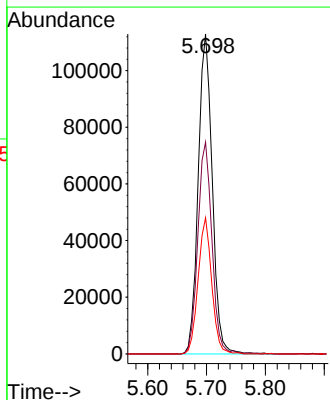
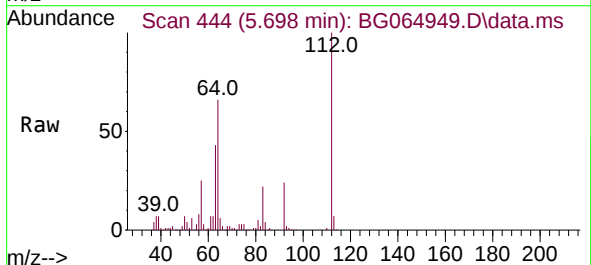
Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

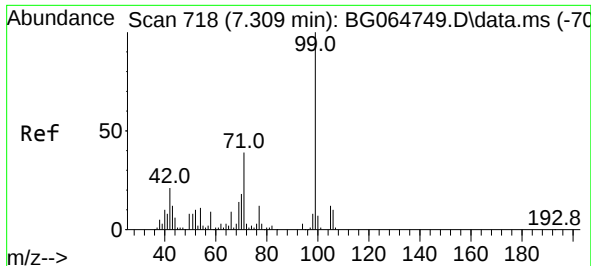
Tgt Ion:152 Resp: 19524  
Ion Ratio Lower Upper  
152 100  
150 142.7 129.2 193.8  
115 49.9 53.7 80.5#



#5  
2-Fluorophenol  
Concen: 167.302 ng  
RT: 5.698 min Scan# 444  
Delta R.T. -0.001 min  
Lab File: BG064949.D  
Acq: 12 Dec 2025 13:05

Tgt Ion:112 Resp: 187056  
Ion Ratio Lower Upper  
112 100  
64 66.2 61.0 91.4  
63 42.5 33.3 49.9

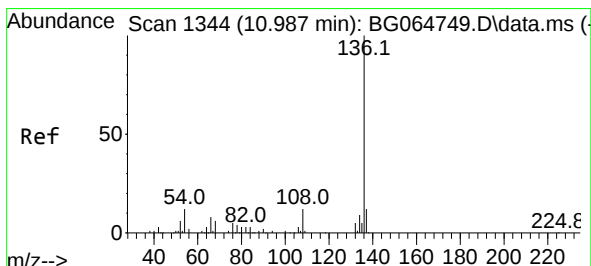
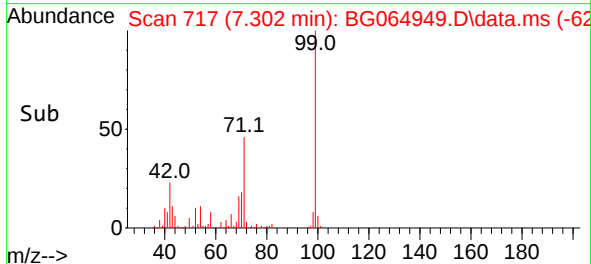
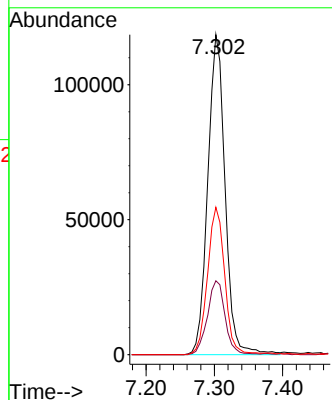
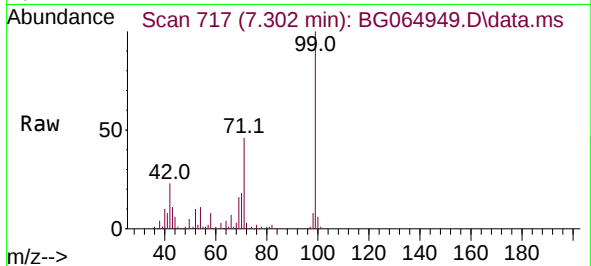




#7  
Phenol-d6  
Concen: 140.729 ng  
RT: 7.302 min Scan# 718  
Delta R.T. -0.007 min  
Lab File: BG064949.D  
Acq: 12 Dec 2025 13:05

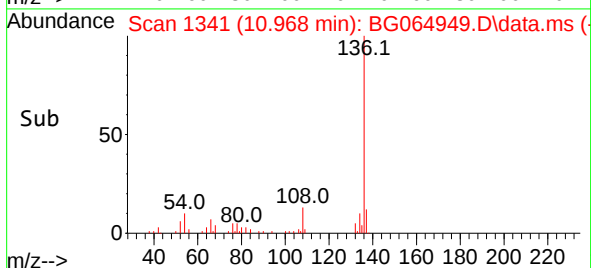
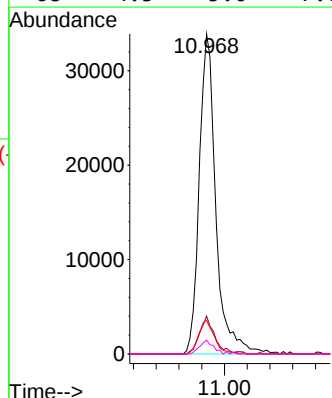
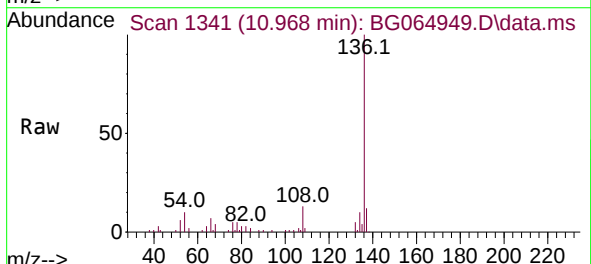
Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

Tgt Ion: 99 Resp: 209276  
Ion Ratio Lower Upper  
99 100  
42 23.1 16.8 25.2  
71 46.0 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.968 min Scan# 1341  
Delta R.T. -0.019 min  
Lab File: BG064949.D  
Acq: 12 Dec 2025 13:05

Tgt Ion: 136 Resp: 68552  
Ion Ratio Lower Upper  
136 100  
137 11.9 9.3 13.9  
54 10.5 9.3 13.9  
68 4.3 5.0 7.6#

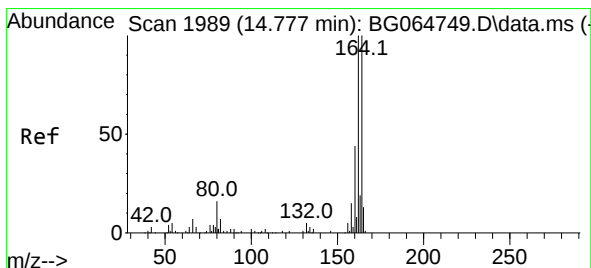
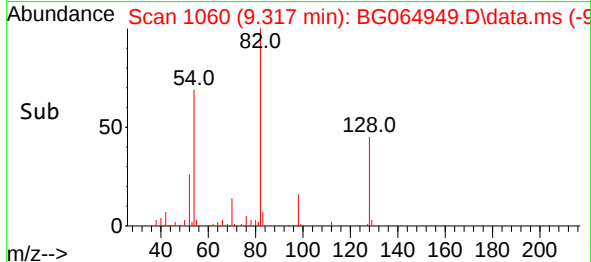
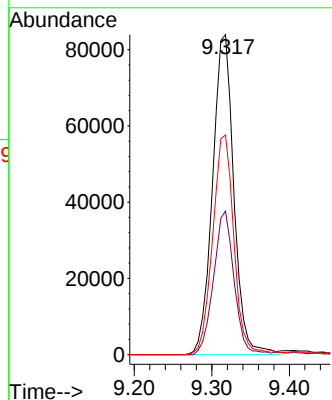
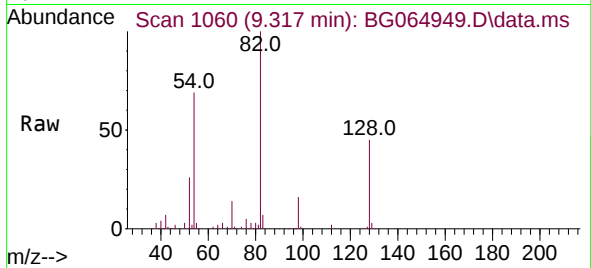




#23  
Nitrobenzene-d5  
Concen: 115.732 ng  
RT: 9.317 min Scan# 1060  
Delta R.T. -0.013 min  
Lab File: BG064949.D  
Acq: 12 Dec 2025 13:05

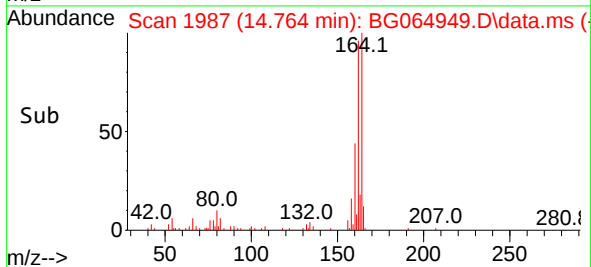
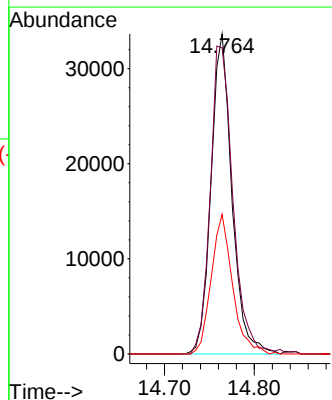
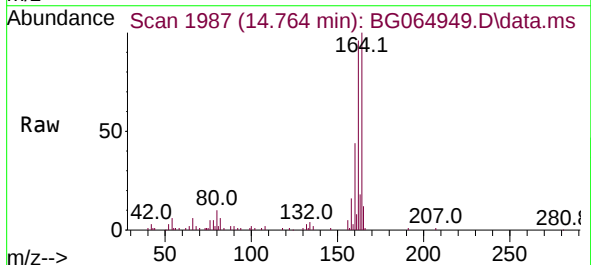
Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

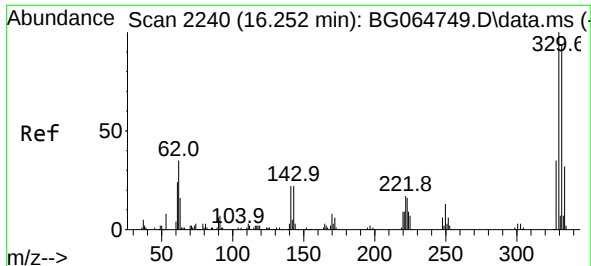
Tgt Ion: 82 Resp: 160461  
Ion Ratio Lower Upper  
82 100  
128 44.8 34.1 51.1  
54 68.6 54.3 81.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.764 min Scan# 1987  
Delta R.T. -0.013 min  
Lab File: BG064949.D  
Acq: 12 Dec 2025 13:05

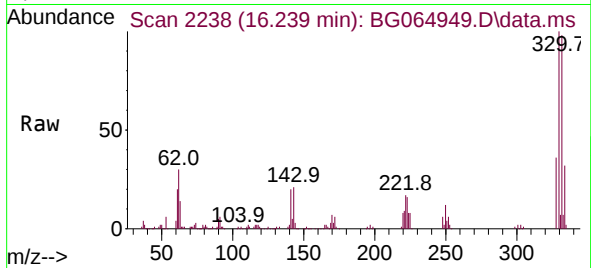
Tgt Ion:164 Resp: 54265  
Ion Ratio Lower Upper  
164 100  
162 95.7 79.8 119.6  
160 43.6 34.9 52.3



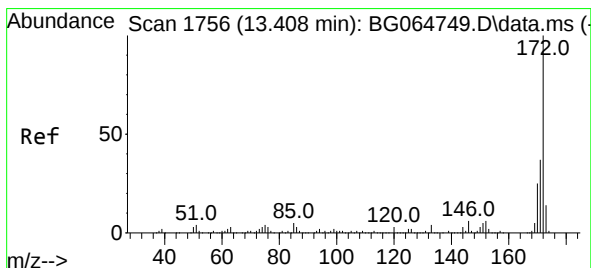
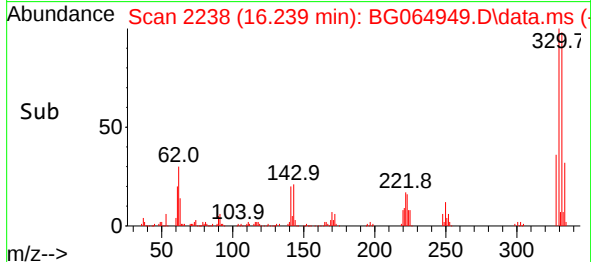
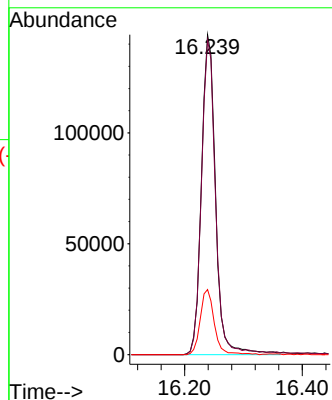


#42  
2,4,6-Tribromophenol  
Concen: 226.957 ng  
RT: 16.239 min Scan# 21  
Delta R.T. -0.013 min  
Lab File: BG064949.D  
Acq: 12 Dec 2025 13:05

Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

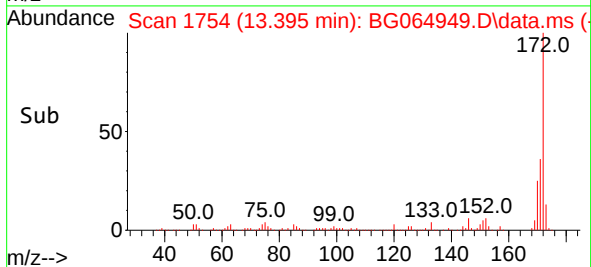
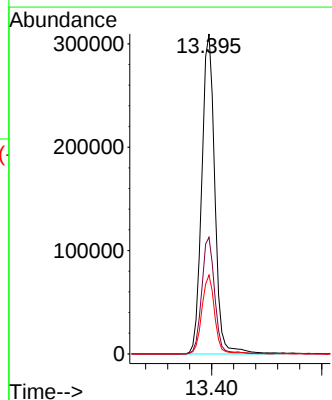
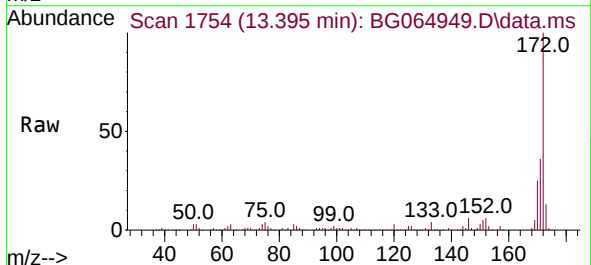


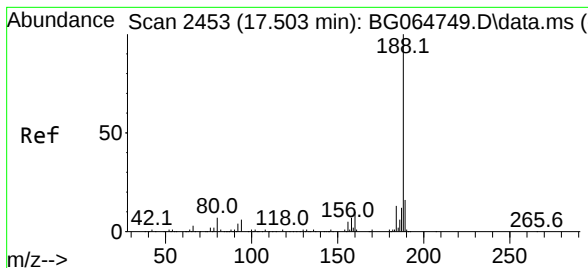
Tgt Ion:330 Resp: 240196  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.0 115.6  
141 20.2 18.2 27.2



#45  
2-Fluorobiphenyl  
Concen: 130.967 ng  
RT: 13.395 min Scan# 1754  
Delta R.T. -0.013 min  
Lab File: BG064949.D  
Acq: 12 Dec 2025 13:05

Tgt Ion:172 Resp: 509334  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.9 44.9  
170 24.6 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.490 min Scan# 2451

Delta R.T. -0.013 min

Lab File: BG064949.D

Acq: 12 Dec 2025 13:05

Instrument :

BNA\_G

ClientSampleId :

TP-6

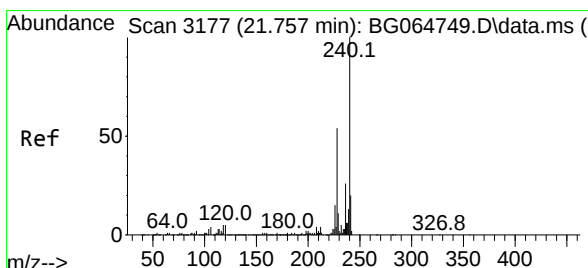
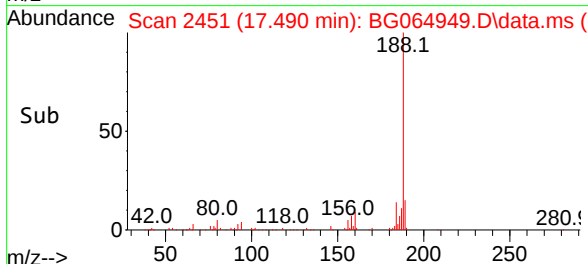
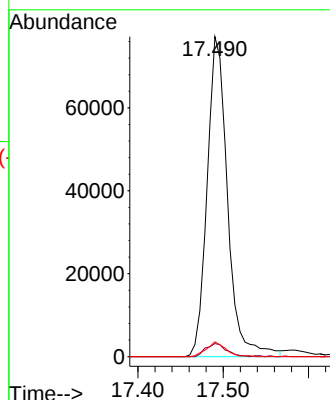
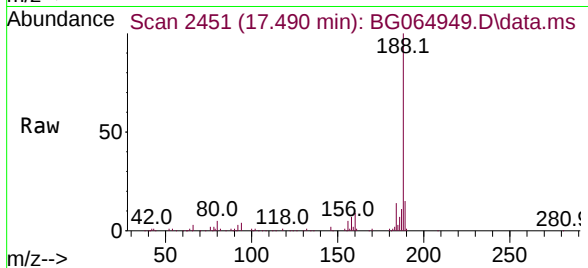
Tgt Ion:188 Resp: 128220

Ion Ratio Lower Upper

188 100

94 4.1 4.7 7.1#

80 4.6 5.4 8.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.738 min Scan# 3174

Delta R.T. -0.019 min

Lab File: BG064949.D

Acq: 12 Dec 2025 13:05

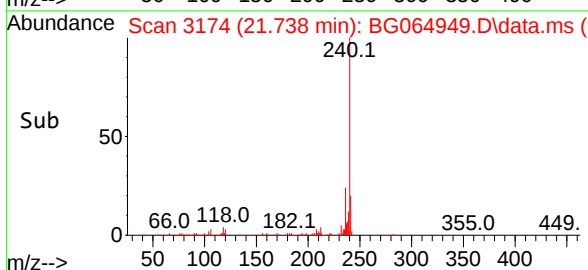
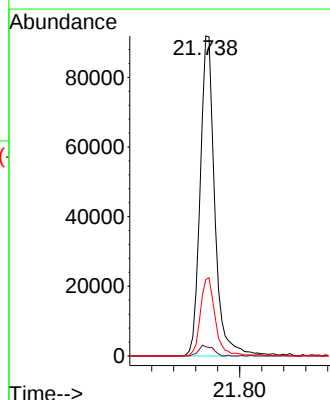
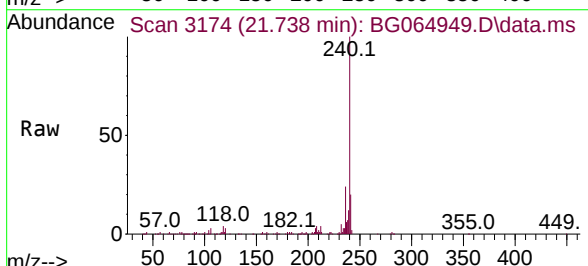
Tgt Ion:240 Resp: 169216

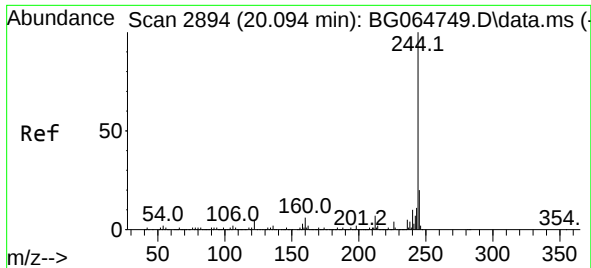
Ion Ratio Lower Upper

240 100

120 2.9 4.2 6.4#

236 23.9 20.8 31.2

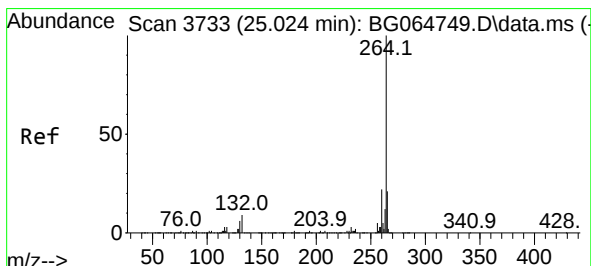
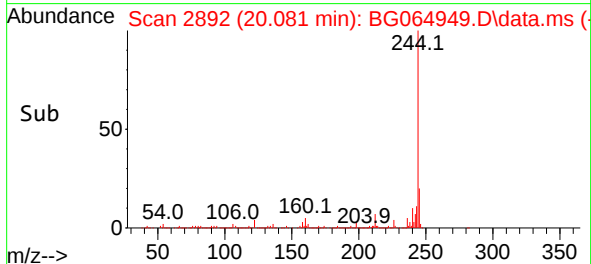
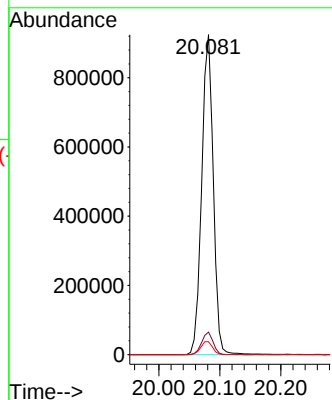
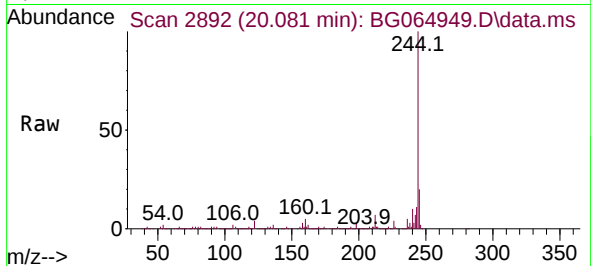




#79  
 Terphenyl-d14  
 Concen: 141.278 ng  
 RT: 20.081 min Scan# 2892  
 Delta R.T. -0.013 min  
 Lab File: BG064949.D  
 Acq: 12 Dec 2025 13:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-6

Tgt Ion:244 Resp: 1215326  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.8 8.6  
 122 4.1 4.3 6.5#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.993 min Scan# 3728  
 Delta R.T. -0.031 min  
 Lab File: BG064949.D  
 Acq: 12 Dec 2025 13:05

Tgt Ion:264 Resp: 175159  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 17.2 25.8  
 265 20.3 16.6 25.0

