

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110725\  
 Data File : BG064720.D  
 Acq On : 7 Nov 2025 17:35  
 Operator : RC/JU  
 Sample : PB170446BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170446BL

Quant Time: Nov 08 00:58:32 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   | 8.200  | 152  | 34775    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 11.026 | 136  | 132915   | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10        | 14.822 | 164  | 108996   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.560 | 188  | 300897   | 20.000  | ng    | #-0.02   |
| 76) Chrysene-d12            | 21.831 | 240  | 359918   | 20.000  | ng    | #-0.03   |
| 86) Perylene-d12            | 25.157 | 264  | 380888   | 20.000  | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.732  | 112  | 186412   | 89.976  | ng    | -0.02    |
| 7) Phenol-d6                | 7.336  | 99   | 236046   | 83.029  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.363  | 82   | 224809   | 101.588 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.302 | 330  | 150299   | 95.541  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.453 | 172  | 683203   | 95.009  | ng    | -0.02    |
| 79) Terphenyl-d14           | 20.151 | 244  | 1777176  | 93.183  | ng    | -0.02    |

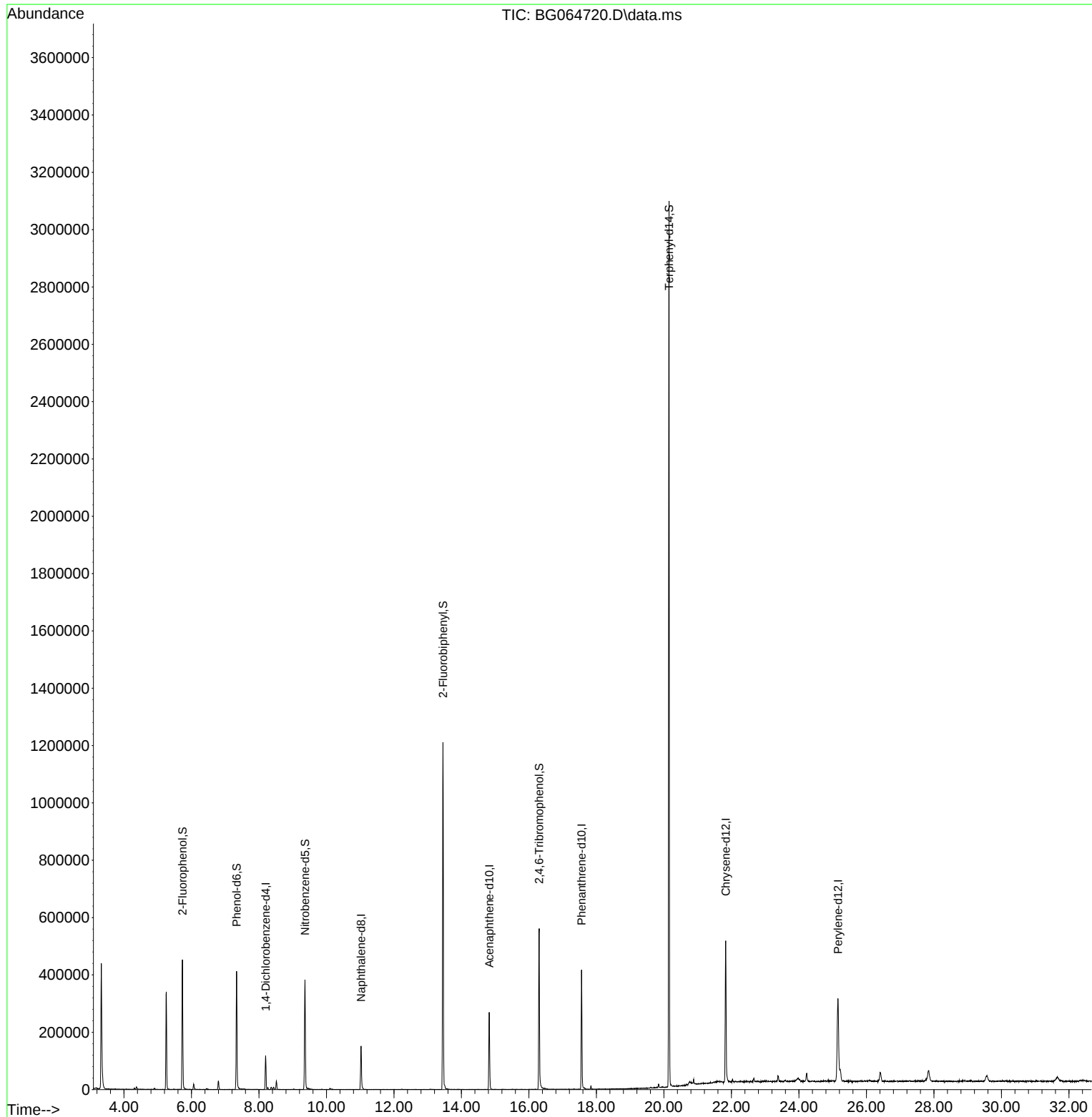
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

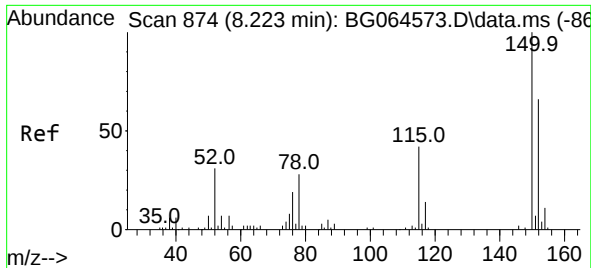
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

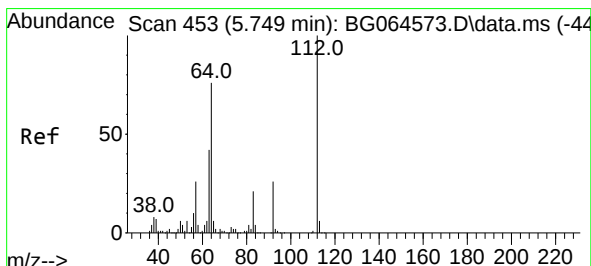
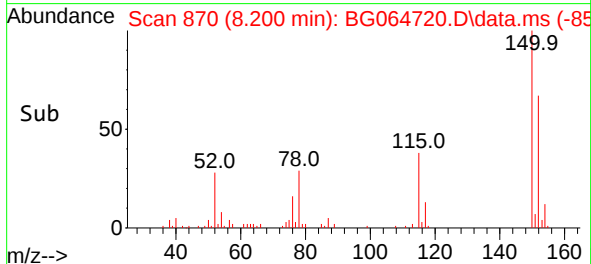
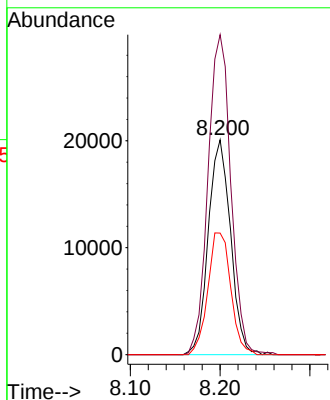
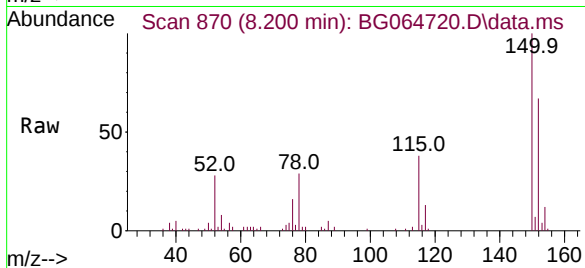




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.200 min Scan# 81  
Delta R.T. -0.023 min  
Lab File: BG064720.D  
Acq: 7 Nov 2025 17:35

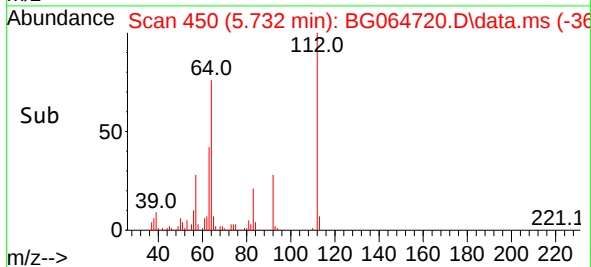
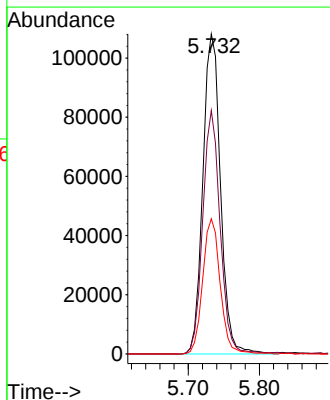
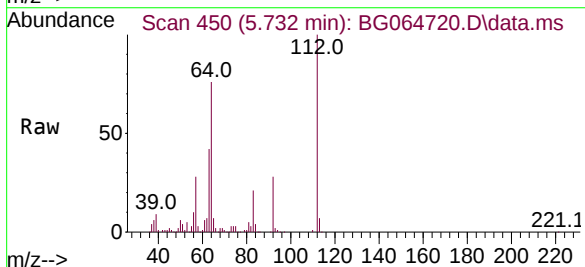
Instrument :  
BNA\_G  
ClientSampleId :  
PB170446BL

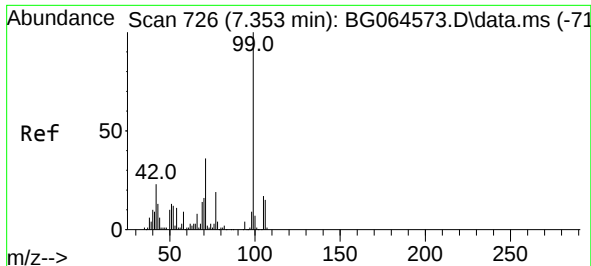
Tgt Ion:152 Resp: 34775  
Ion Ratio Lower Upper  
152 100  
150 149.0 122.2 183.4  
115 56.6 50.8 76.2



#5  
2-Fluorophenol  
Concen: 89.976 ng  
RT: 5.732 min Scan# 450  
Delta R.T. -0.017 min  
Lab File: BG064720.D  
Acq: 7 Nov 2025 17:35

Tgt Ion:112 Resp: 186412  
Ion Ratio Lower Upper  
112 100  
64 76.1 60.7 91.1  
63 42.2 33.4 50.0

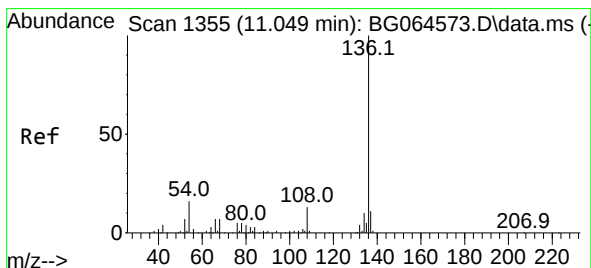
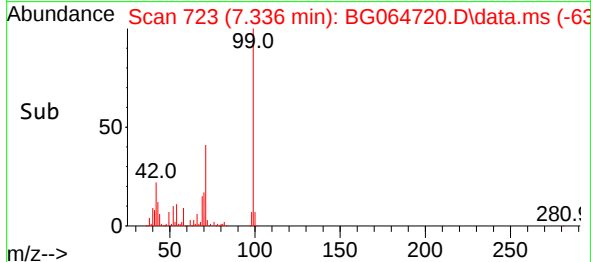
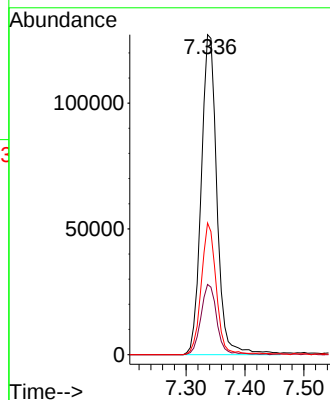
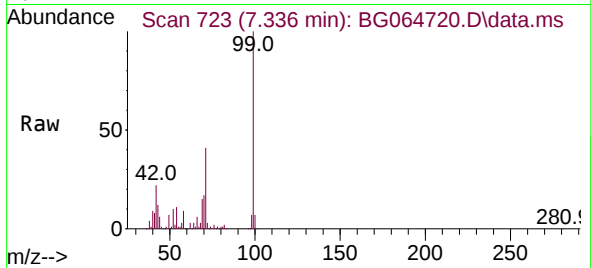




#7  
Phenol-d6  
Concen: 83.029 ng  
RT: 7.336 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BG064720.D  
Acq: 7 Nov 2025 17:35

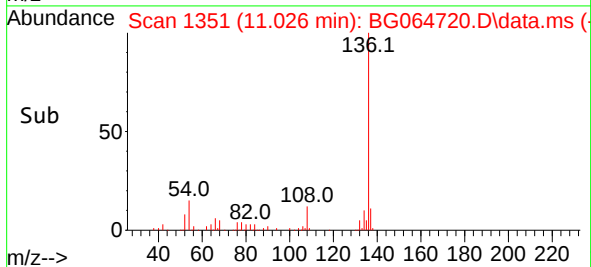
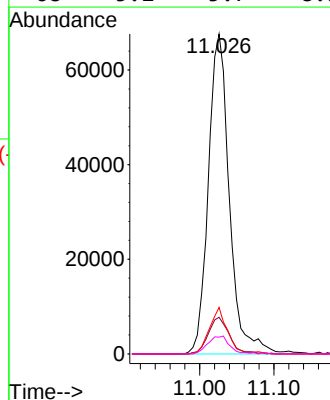
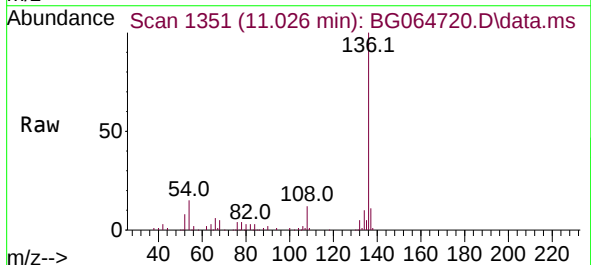
Instrument :  
BNA\_G  
ClientSampleId :  
PB170446BL

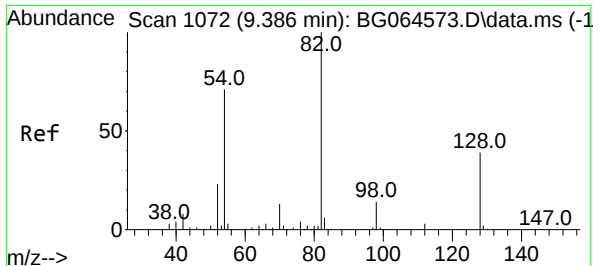
Tgt Ion: 99 Resp: 236046  
Ion Ratio Lower Upper  
99 100  
42 21.9 18.3 27.5  
71 41.1 28.6 43.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.026 min Scan# 1351  
Delta R.T. -0.023 min  
Lab File: BG064720.D  
Acq: 7 Nov 2025 17:35

Tgt Ion: 136 Resp: 132915  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.2 13.8  
54 14.5 12.6 19.0  
68 5.2 5.7 8.5#





#23

Nitrobenzene-d5

Concen: 101.588 ng

RT: 9.363 min Scan# 10

Delta R.T. -0.023 min

Lab File: BG064720.D

Acq: 7 Nov 2025 17:35

Instrument :

BNA\_G

ClientSampleId :

PB170446BL

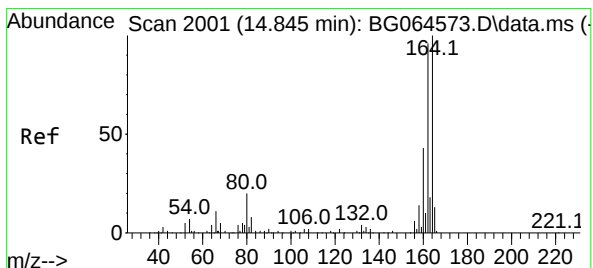
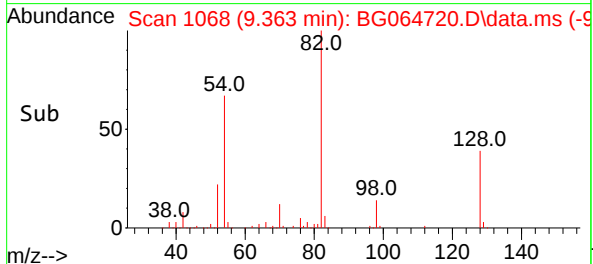
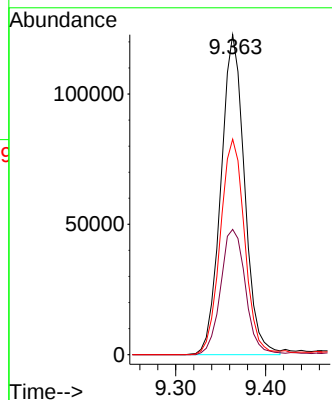
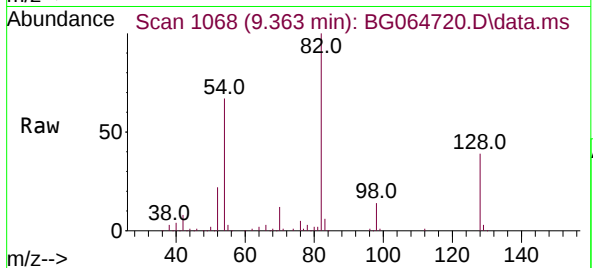
Tgt Ion: 82 Resp: 224809

Ion Ratio Lower Upper

82 100

128 39.1 31.3 46.9

54 67.3 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.822 min Scan# 1997

Delta R.T. -0.023 min

Lab File: BG064720.D

Acq: 7 Nov 2025 17:35

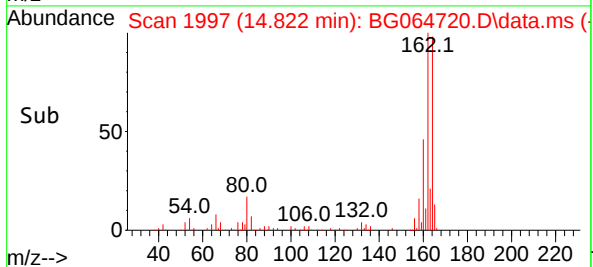
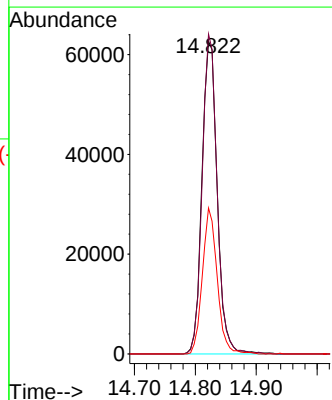
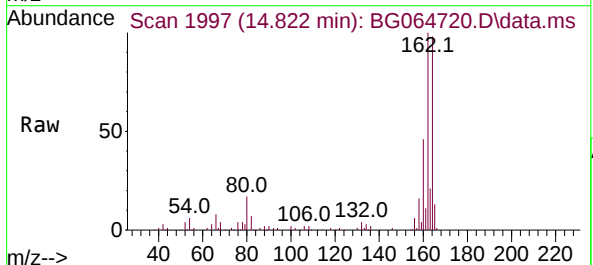
Tgt Ion:164 Resp: 108996

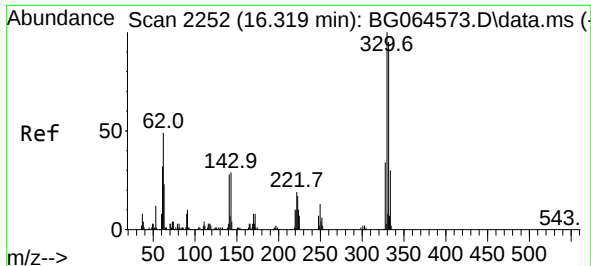
Ion Ratio Lower Upper

164 100

162 102.3 77.0 115.6

160 46.6 34.4 51.6

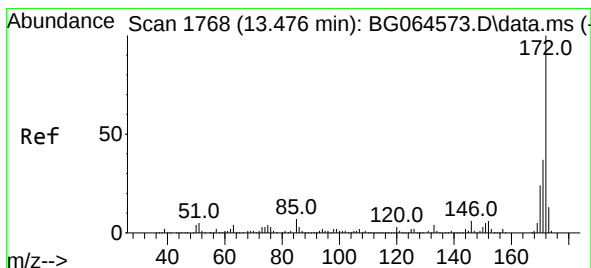
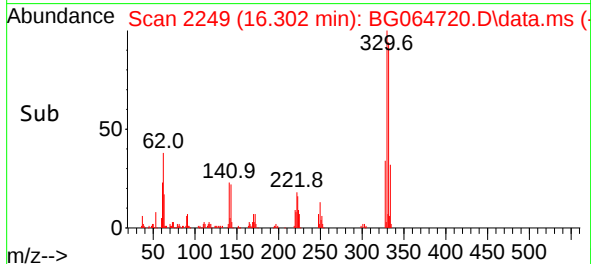
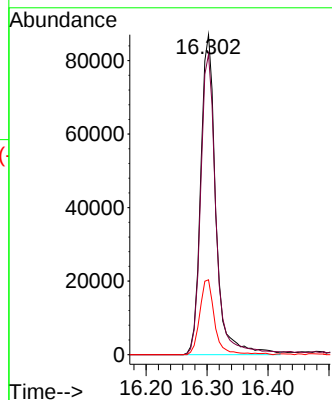
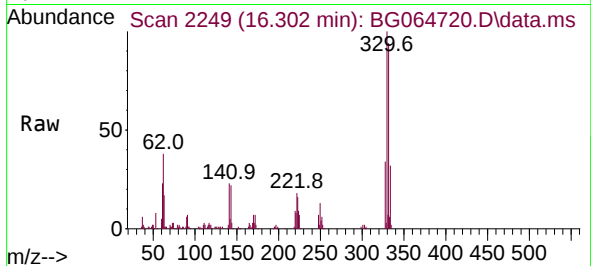




#42  
2,4,6-Tribromophenol  
Concen: 95.541 ng  
RT: 16.302 min Scan# 21  
Delta R.T. -0.017 min  
Lab File: BG064720.D  
Acq: 7 Nov 2025 17:35

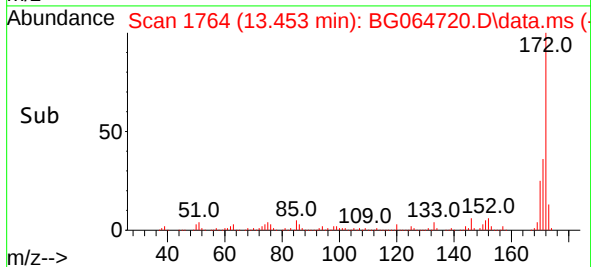
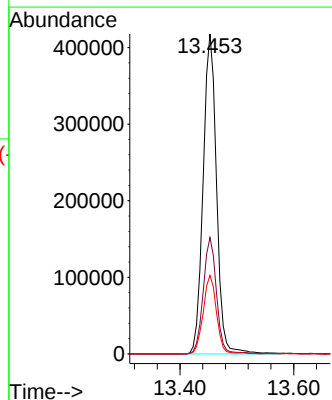
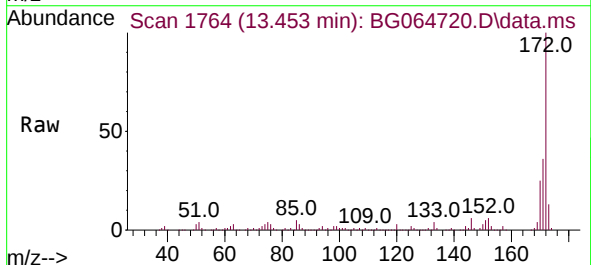
Instrument :  
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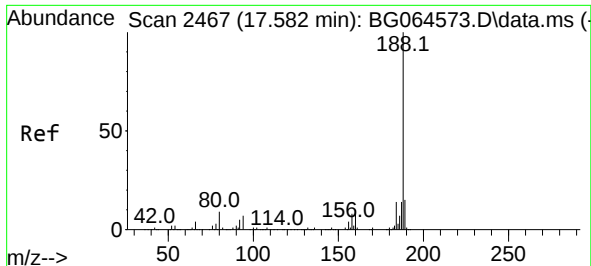
Tgt Ion:330 Resp: 150299  
Ion Ratio Lower Upper  
330 100  
332 95.0 78.0 117.0  
141 23.1 21.8 32.6



#45  
2-Fluorobiphenyl  
Concen: 95.009 ng  
RT: 13.453 min Scan# 1764  
Delta R.T. -0.023 min  
Lab File: BG064720.D  
Acq: 7 Nov 2025 17:35

Tgt Ion:172 Resp: 683203  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.4 44.0  
170 24.5 19.1 28.7

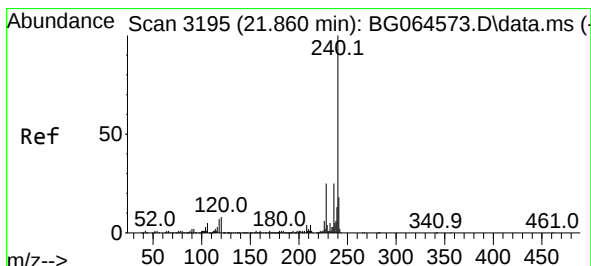
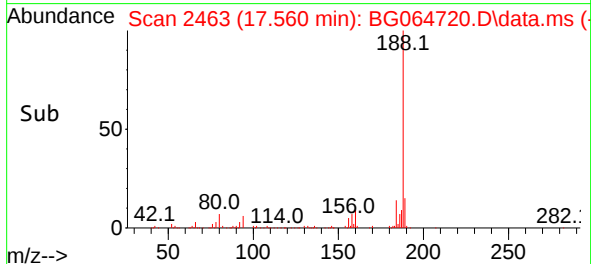
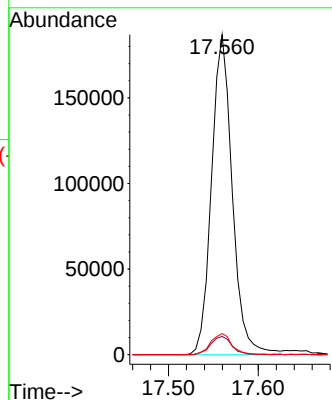
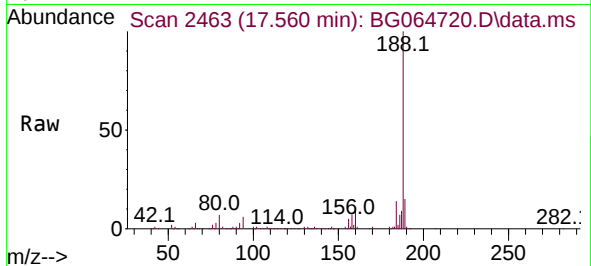




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.560 min Scan# 2463  
Delta R.T. -0.023 min  
Lab File: BG064720.D  
Acq: 7 Nov 2025 17:35

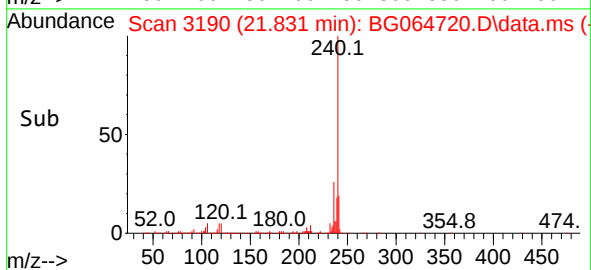
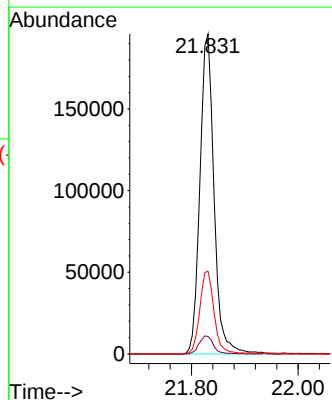
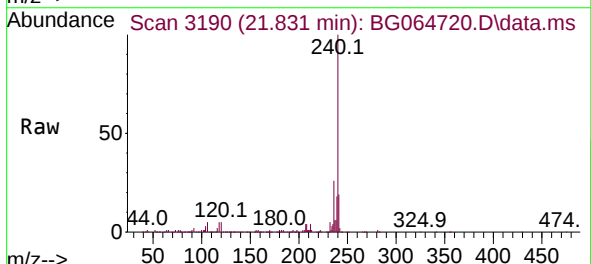
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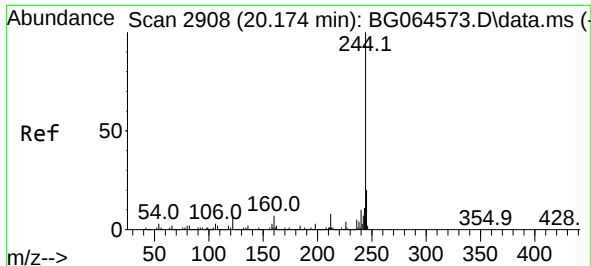
Tgt Ion:188 Resp: 300897  
Ion Ratio Lower Upper  
188 100  
94 5.7 5.7 8.5#  
80 6.6 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.831 min Scan# 3190  
Delta R.T. -0.029 min  
Lab File: BG064720.D  
Acq: 7 Nov 2025 17:35

Tgt Ion:240 Resp: 359918  
Ion Ratio Lower Upper  
240 100  
120 5.4 6.5 9.7#  
236 25.8 20.2 30.2

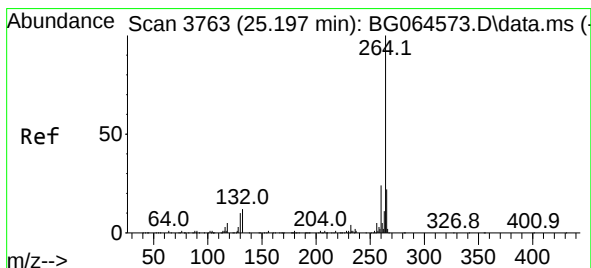
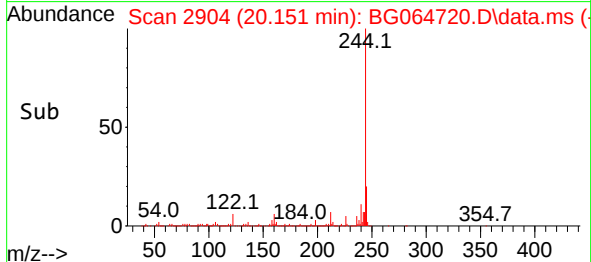
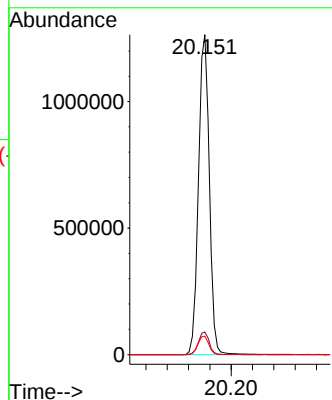
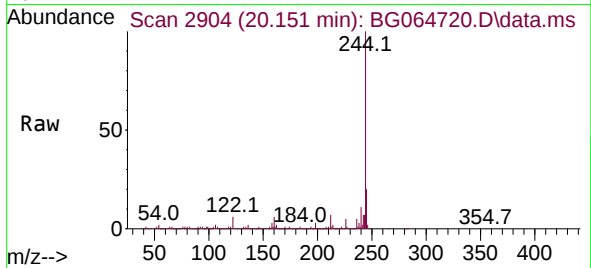




#79  
 Terphenyl-d14  
 Concen: 93.183 ng  
 RT: 20.151 min Scan# 2904  
 Delta R.T. -0.023 min  
 Lab File: BG064720.D  
 Acq: 7 Nov 2025 17:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170446BL

Tgt Ion:244 Resp: 1777176  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.1 9.1  
 122 5.7 5.6 8.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.157 min Scan# 3756  
 Delta R.T. -0.041 min  
 Lab File: BG064720.D  
 Acq: 7 Nov 2025 17:35

Tgt Ion:264 Resp: 380888  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.0 28.4  
 265 21.3 17.6 26.4

