

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121125\  
 Data File : BG064943.D  
 Acq On : 11 Dec 2025 20:59  
 Operator : RC/JU  
 Sample : Q3814-12  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-12

Quant Time: Dec 11 22:43:58 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   | 8.150  | 152  | 19372    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.964 | 136  | 69495    | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10        | 14.766 | 164  | 61227    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.492 | 188  | 164068   | 20.000  | ng    | #-0.01   |
| 76) Chrysene-d12            | 21.746 | 240  | 216659   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 25.001 | 264  | 216665   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.694  | 112  | 127022   | 114.499 | ng    | 0.00     |
| 7) Phenol-d6                | 7.298  | 99   | 147075   | 99.677  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.313  | 82   | 113336   | 80.634  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.240 | 330  | 214542   | 179.666 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.397 | 172  | 374976   | 85.456  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.083 | 244  | 1097816  | 99.673  | ng    | -0.01    |

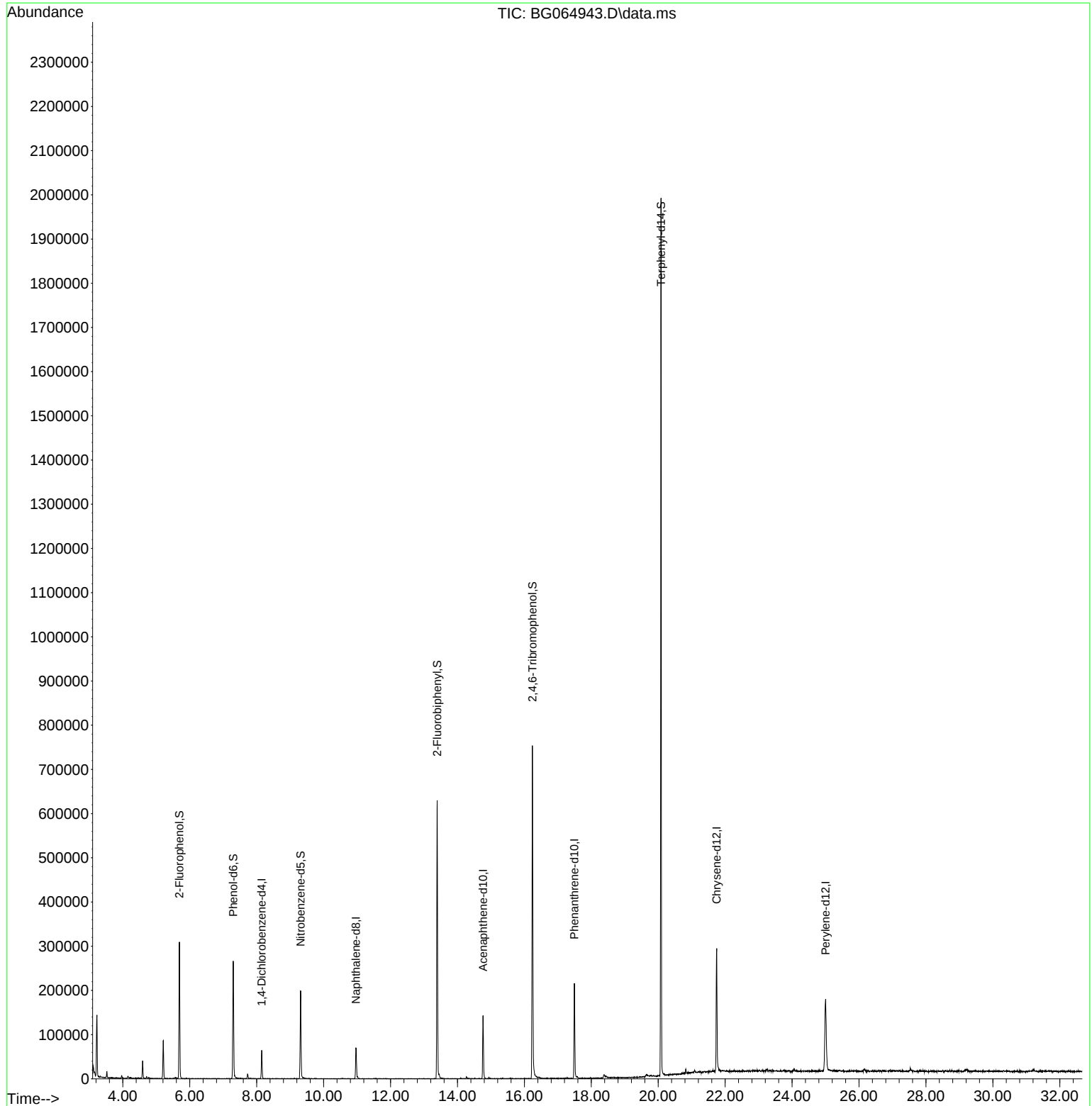
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

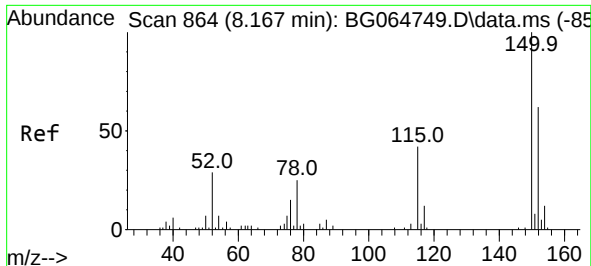
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121125\  
Data File : BG064943.D  
Acq On : 11 Dec 2025 20:59  
Operator : RC/JU  
Sample : Q3814-12  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-12

Quant Time: Dec 11 22:43:58 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

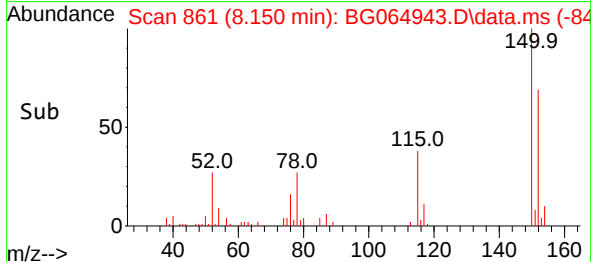
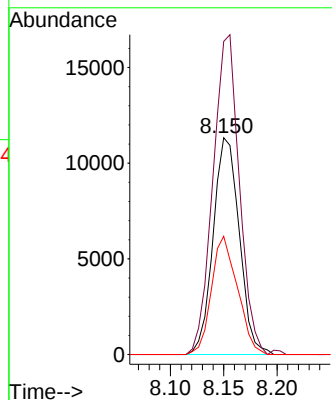
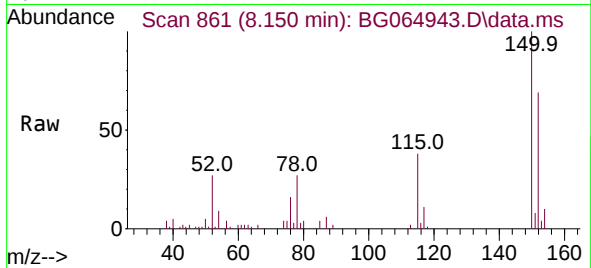




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.150 min Scan# 864  
Delta R.T. -0.017 min  
Lab File: BG064943.D  
Acq: 11 Dec 2025 20:59

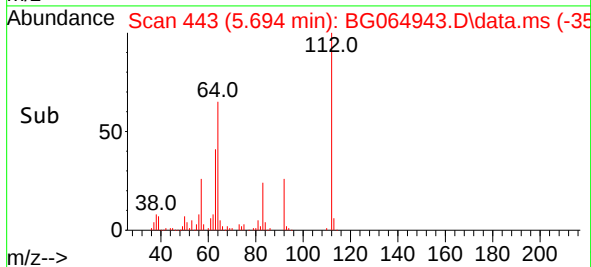
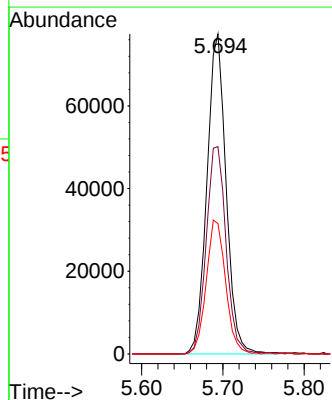
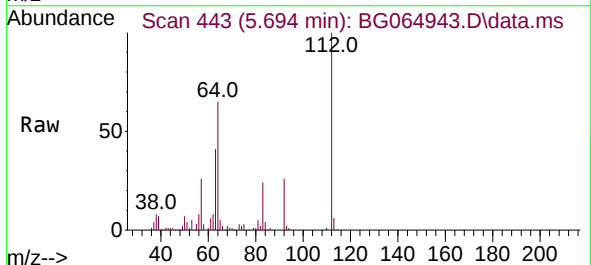
Instrument :  
BNA\_G  
ClientSampleId :  
TP-12

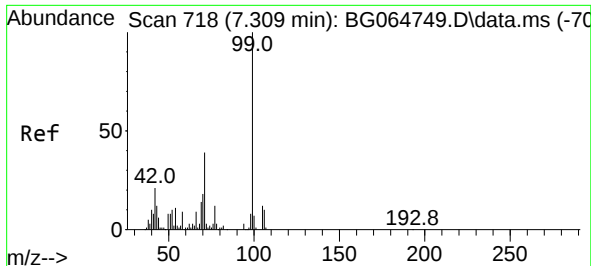
Tgt Ion:152 Resp: 19372  
Ion Ratio Lower Upper  
152 100  
150 144.3 129.2 193.8  
115 54.6 53.7 80.5



#5  
2-Fluorophenol  
Concen: 114.499 ng  
RT: 5.694 min Scan# 443  
Delta R.T. -0.006 min  
Lab File: BG064943.D  
Acq: 11 Dec 2025 20:59

Tgt Ion:112 Resp: 127022  
Ion Ratio Lower Upper  
112 100  
64 64.8 61.0 91.4  
63 40.7 33.3 49.9

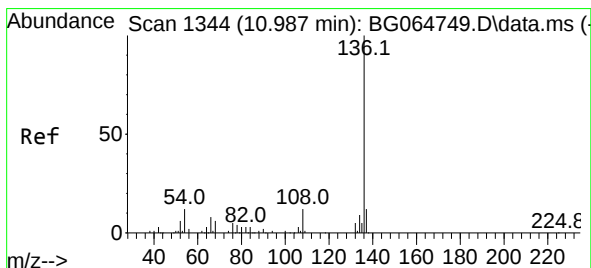
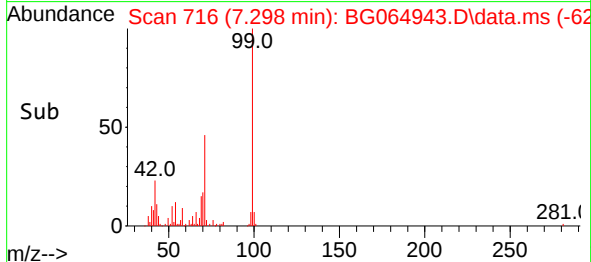
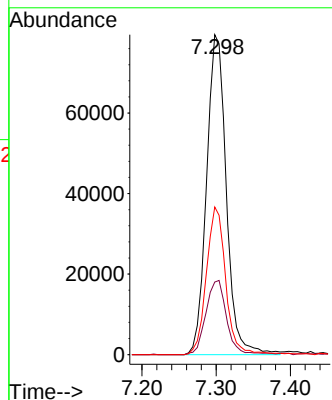
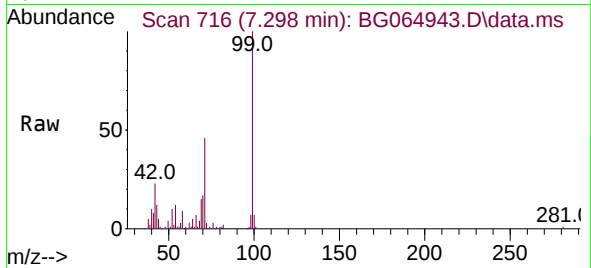




#7  
Phenol-d6  
Concen: 99.677 ng  
RT: 7.298 min Scan# 718  
Delta R.T. -0.011 min  
Lab File: BG064943.D  
Acq: 11 Dec 2025 20:59

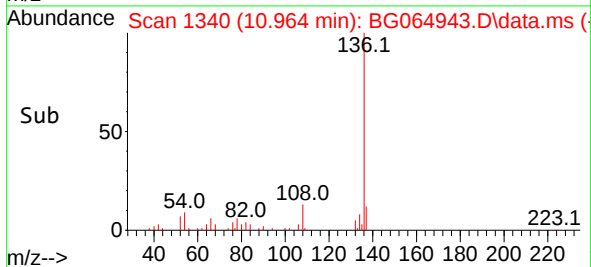
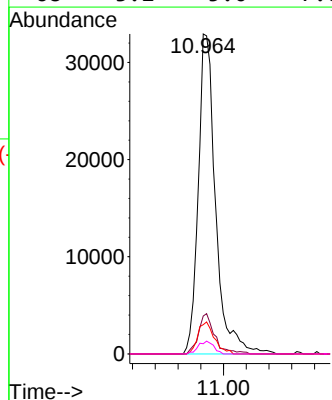
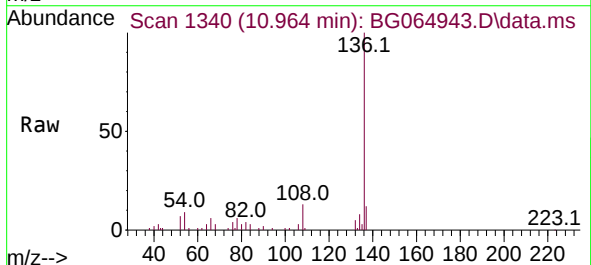
Instrument :  
BNA\_G  
ClientSampleId :  
TP-12

Tgt Ion: 99 Resp: 147075  
Ion Ratio Lower Upper  
99 100  
42 22.7 16.8 25.2  
71 46.1 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.964 min Scan# 1340  
Delta R.T. -0.023 min  
Lab File: BG064943.D  
Acq: 11 Dec 2025 20:59

Tgt Ion: 136 Resp: 69495  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.3 13.9  
54 9.1 9.3 13.9#  
68 3.2 5.0 7.6#

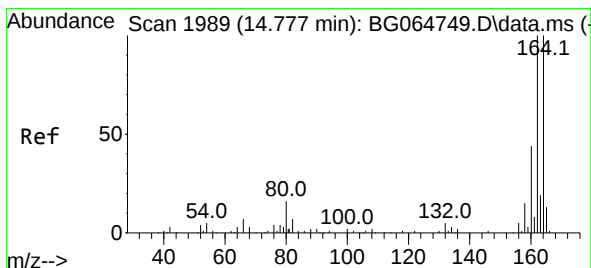
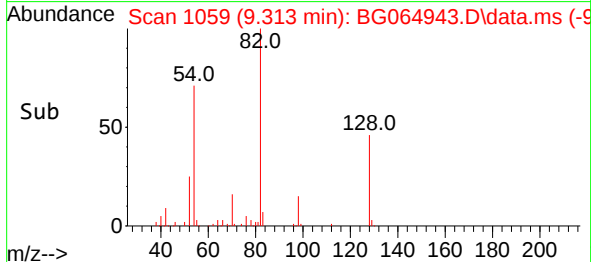
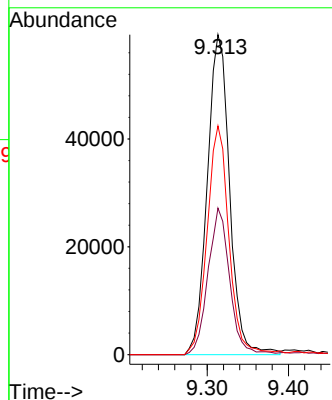
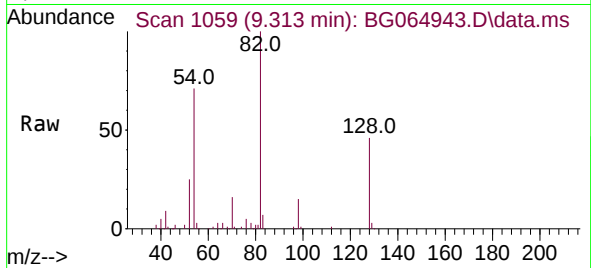




#23  
Nitrobenzene-d5  
Concen: 80.634 ng  
RT: 9.313 min Scan# 1062  
Delta R.T. -0.017 min  
Lab File: BG064943.D  
Acq: 11 Dec 2025 20:59

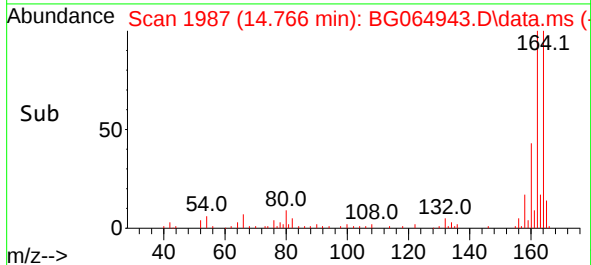
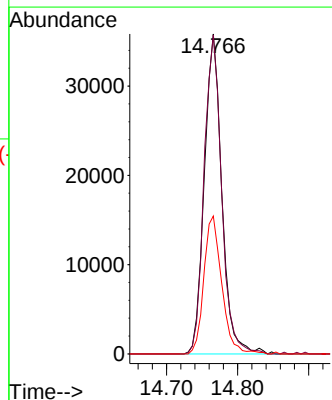
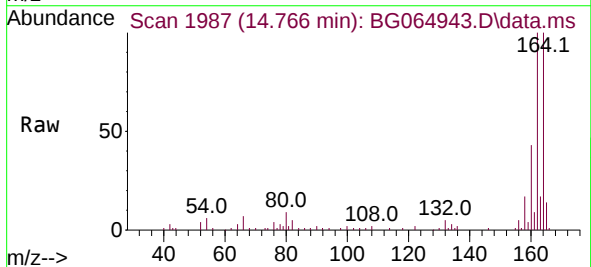
Instrument :  
BNA\_G  
ClientSampleId :  
TP-12

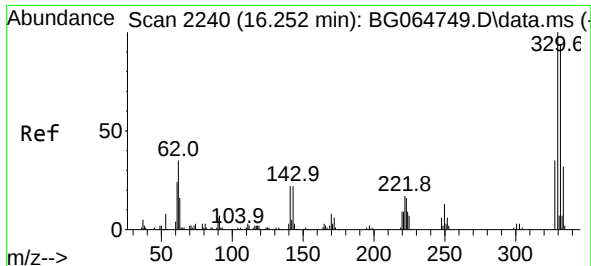
Tgt Ion: 82 Resp: 113336  
Ion Ratio Lower Upper  
82 100  
128 45.8 34.1 51.1  
54 71.5 54.3 81.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.766 min Scan# 1987  
Delta R.T. -0.011 min  
Lab File: BG064943.D  
Acq: 11 Dec 2025 20:59

Tgt Ion:164 Resp: 61227  
Ion Ratio Lower Upper  
164 100  
162 99.7 79.8 119.6  
160 43.1 34.9 52.3

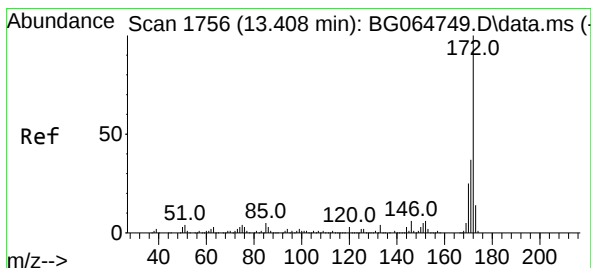
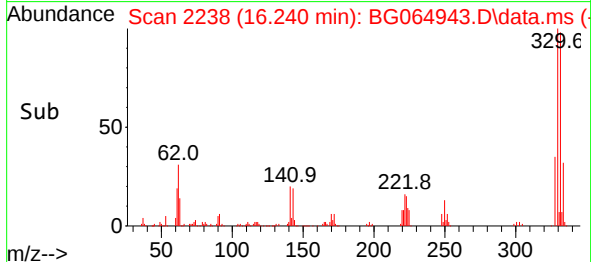
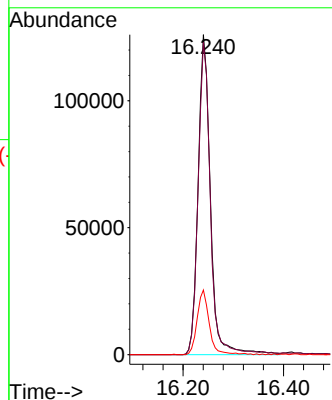
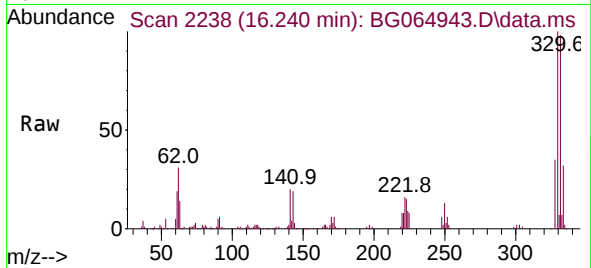




#42  
2,4,6-Tribromophenol  
Concen: 179.666 ng  
RT: 16.240 min Scan# 21  
Delta R.T. -0.011 min  
Lab File: BG064943.D  
Acq: 11 Dec 2025 20:59

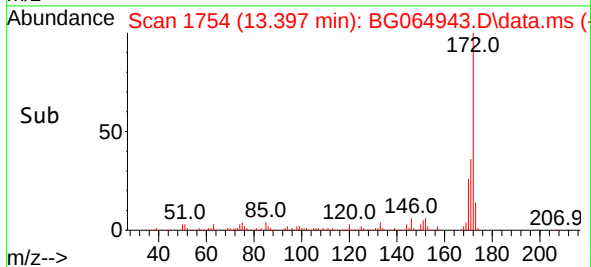
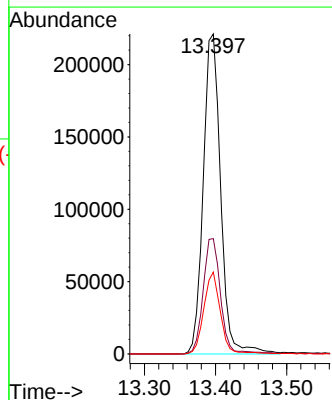
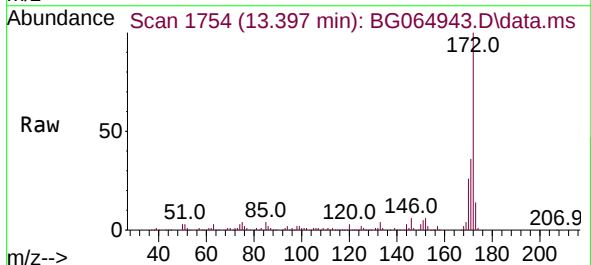
Instrument :  
BNA\_G  
ClientSampleId :  
TP-12

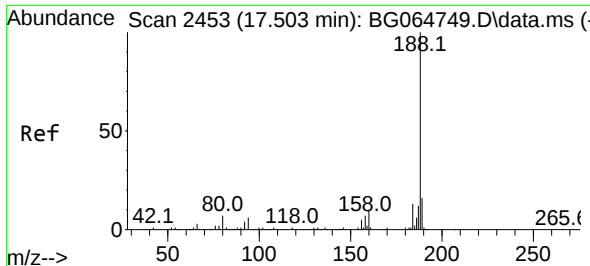
Tgt Ion:330 Resp: 214542  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.0 115.6  
141 19.8 18.2 27.2



#45  
2-Fluorobiphenyl  
Concen: 85.456 ng  
RT: 13.397 min Scan# 1754  
Delta R.T. -0.011 min  
Lab File: BG064943.D  
Acq: 11 Dec 2025 20:59

Tgt Ion:172 Resp: 374976  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.9 44.9  
170 25.6 19.8 29.6

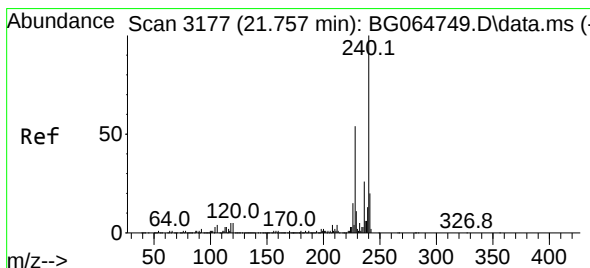
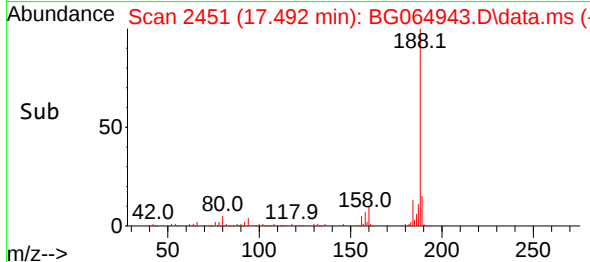
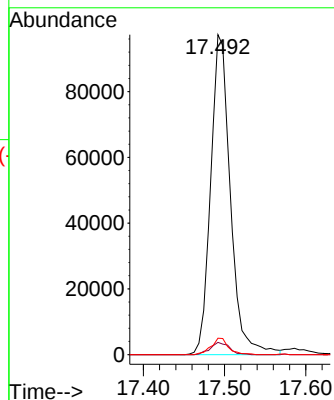
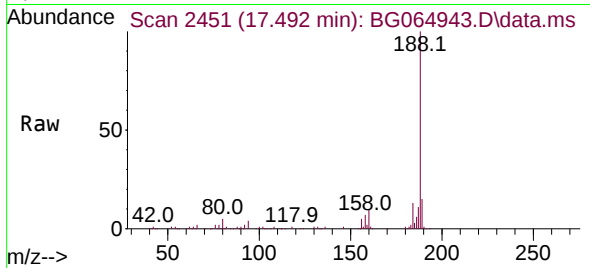




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.492 min Scan# 2453  
Delta R.T. -0.011 min  
Lab File: BG064943.D  
Acq: 11 Dec 2025 20:59

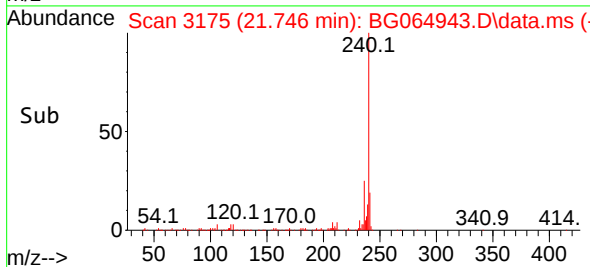
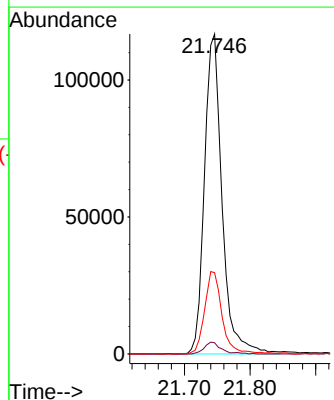
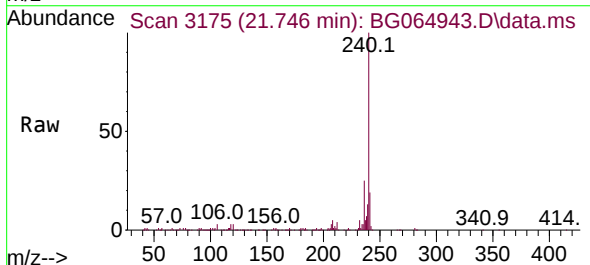
Instrument :  
BNA\_G  
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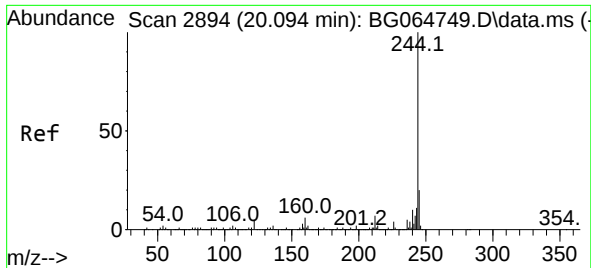
Tgt Ion:188 Resp: 164068  
Ion Ratio Lower Upper  
188 100  
94 3.8 4.7 7.1#  
80 5.1 5.4 8.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.746 min Scan# 3175  
Delta R.T. -0.011 min  
Lab File: BG064943.D  
Acq: 11 Dec 2025 20:59

Tgt Ion:240 Resp: 216659  
Ion Ratio Lower Upper  
240 100  
120 3.5 4.2 6.4#  
236 25.4 20.8 31.2

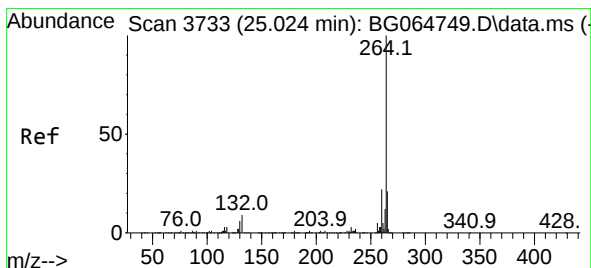
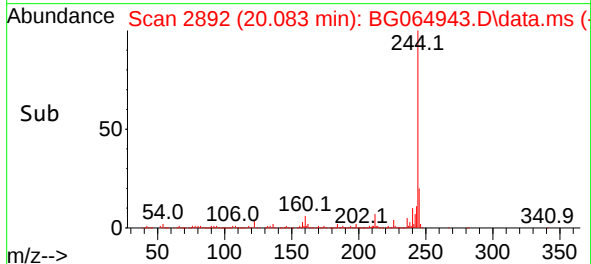
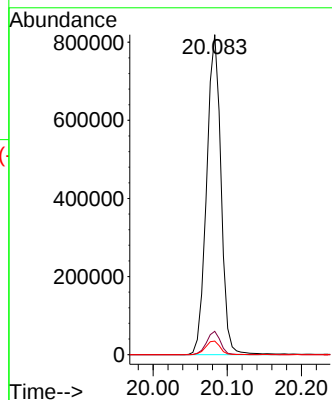
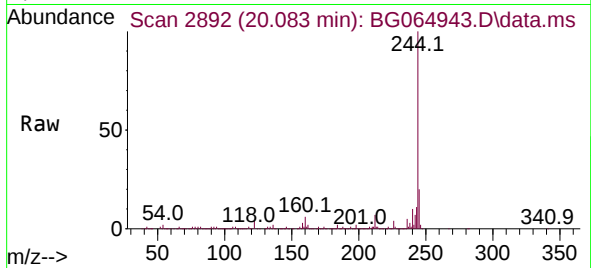




#79  
Terphenyl-d14  
Concen: 99.673 ng  
RT: 20.083 min Scan# 2892  
Delta R.T. -0.011 min  
Lab File: BG064943.D  
Acq: 11 Dec 2025 20:59

Instrument :  
BNA\_G  
ClientSampleId :  
TP-12

Tgt Ion:244 Resp: 1097816  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.8 8.6  
122 4.2 4.3 6.5#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.001 min Scan# 3729  
Delta R.T. -0.023 min  
Lab File: BG064943.D  
Acq: 11 Dec 2025 20:59

Tgt Ion:264 Resp: 216665  
Ion Ratio Lower Upper  
264 100  
260 23.6 17.2 25.8  
265 20.6 16.6 25.0

