

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG031025\  
 Data File : BG064083.D  
 Acq On : 10 Mar 2025 16:25  
 Operator : RC/JU  
 Sample : Q1514-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ENV-105-SB02

Quant Time: Mar 10 18:31:44 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 05 15:39:19 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.868  | 152  | 33131    | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8          | 10.653 | 136  | 137948   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.484 | 164  | 92307    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.228 | 188  | 212136   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.458 | 240  | 223138   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.472 | 264  | 227657   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.453  | 112  | 278811   | 131.402 | ng    | 0.00     |
| 7) Phenol-d6                | 7.028  | 99   | 331043   | 114.687 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.014  | 82   | 252088   | 100.986 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.970 | 330  | 165524   | 161.320 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.115 | 172  | 552471   | 90.847  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.848 | 244  | 1143296  | 103.601 | ng    | 0.00     |

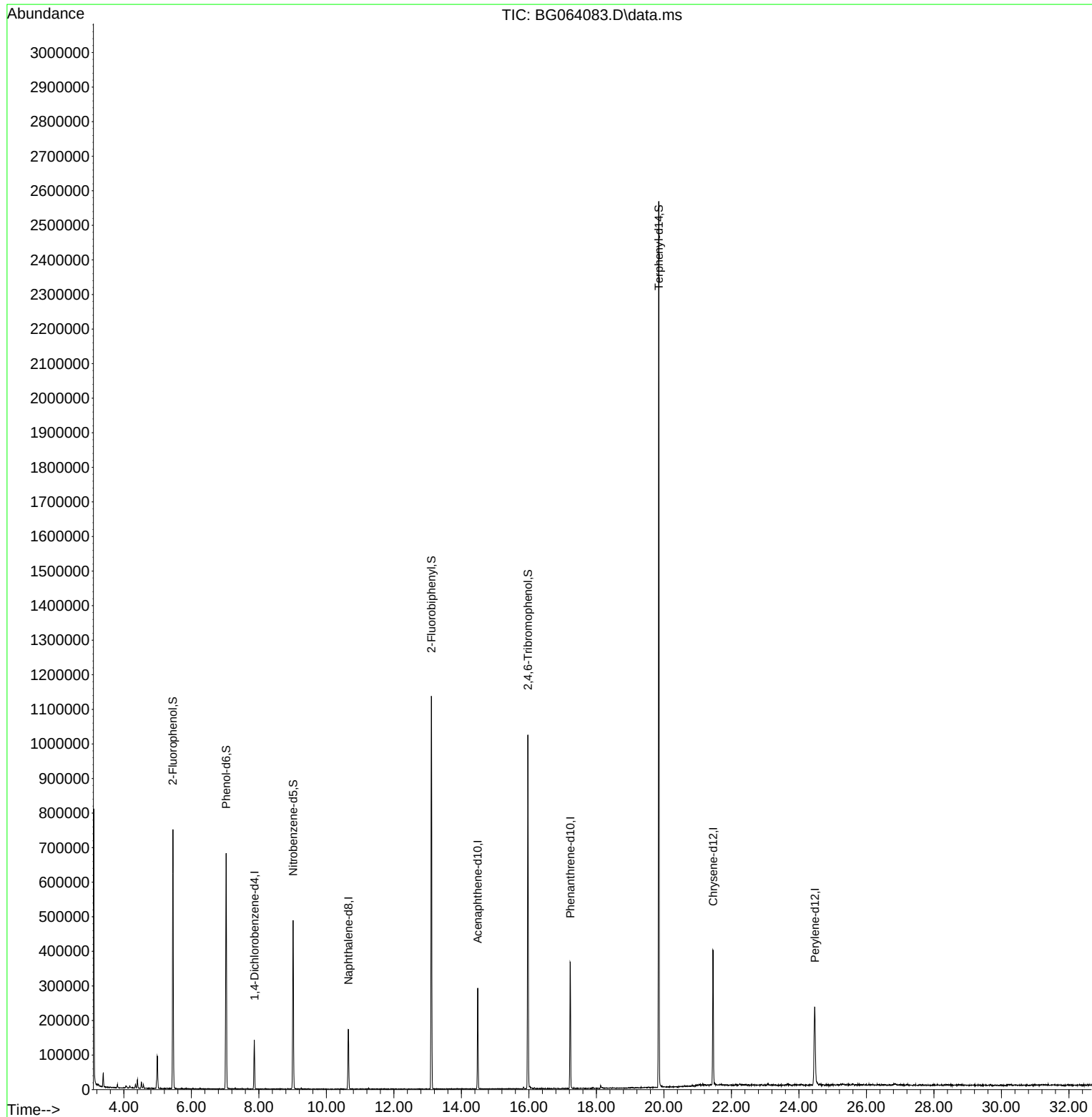
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

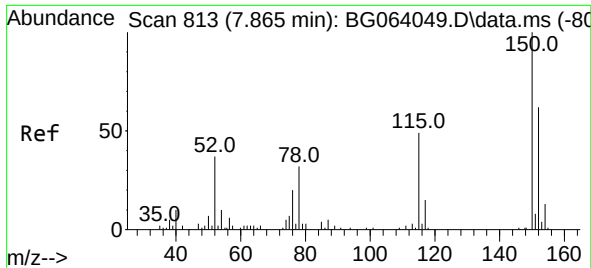
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 05 15:39:19 2025  
Response via : Initial Calibration

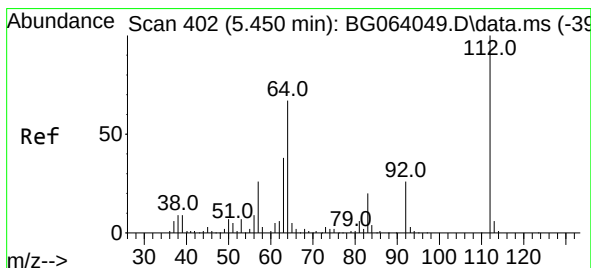
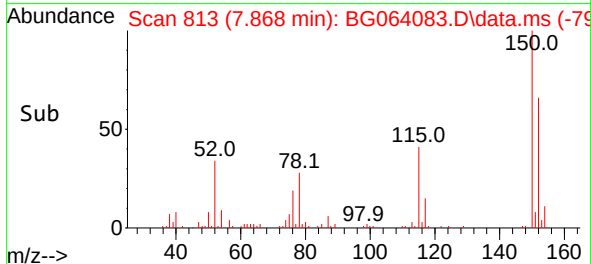
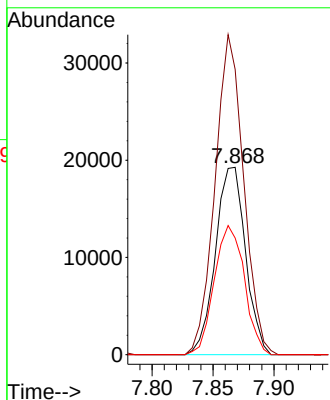
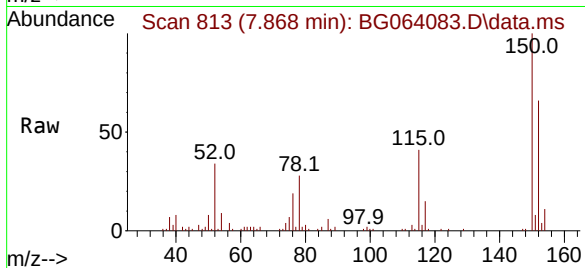




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.868 min Scan# 813  
Delta R.T. 0.003 min  
Lab File: BG064083.D  
Acq: 10 Mar 2025 16:25

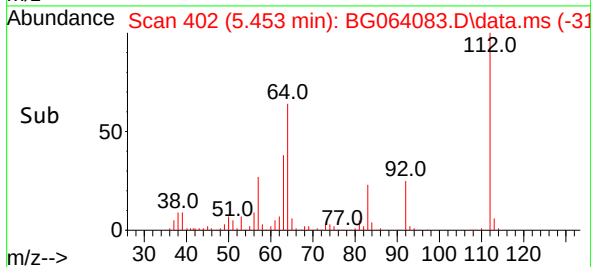
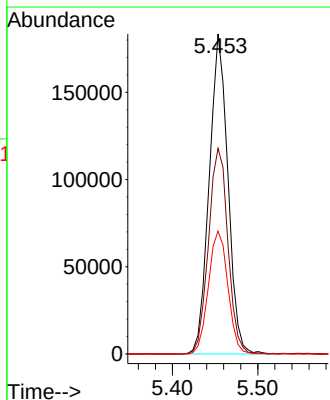
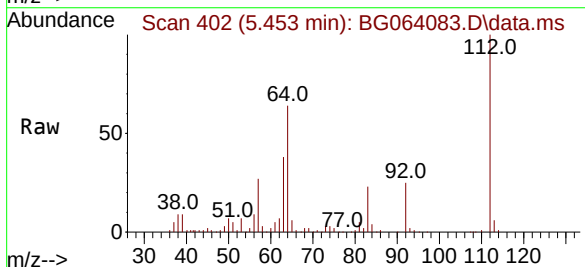
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02

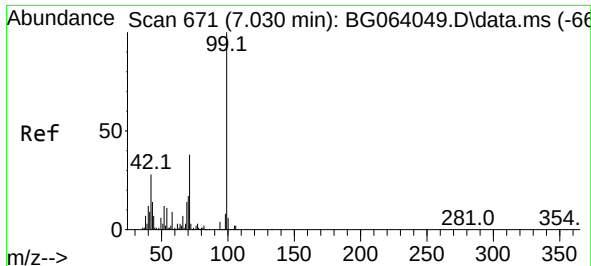
Tgt Ion:152 Resp: 33131  
Ion Ratio Lower Upper  
152 100  
150 152.3 129.2 193.8  
115 62.3 63.0 94.6#



#5  
2-Fluorophenol  
Concen: 131.402 ng  
RT: 5.453 min Scan# 402  
Delta R.T. 0.003 min  
Lab File: BG064083.D  
Acq: 10 Mar 2025 16:25

Tgt Ion:112 Resp: 278811  
Ion Ratio Lower Upper  
112 100  
64 64.2 53.7 80.5  
63 38.4 30.2 45.4

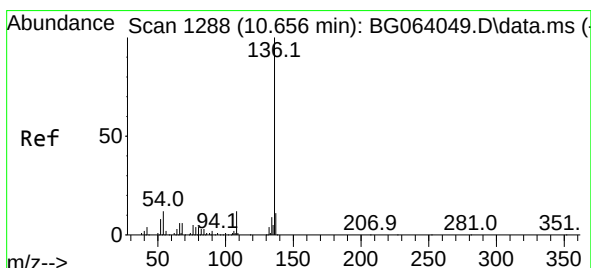
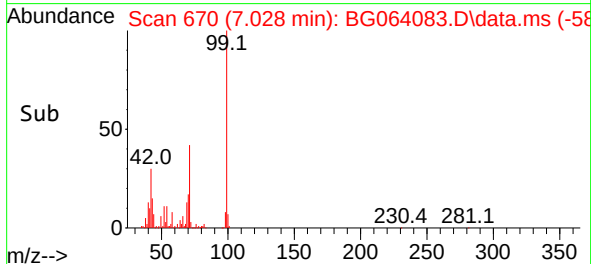
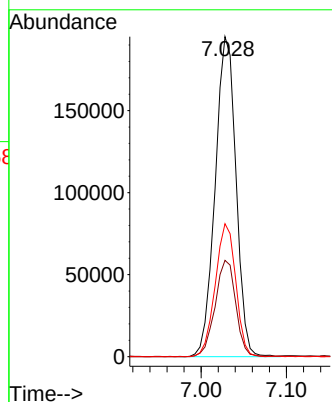
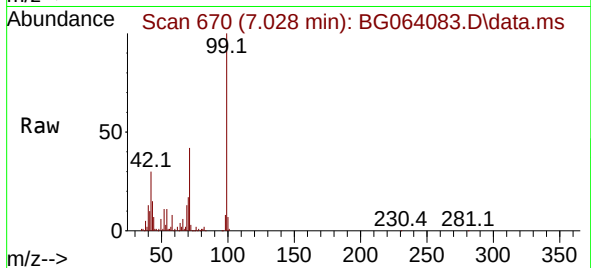




#7  
Phenol-d6  
Concen: 114.687 ng  
RT: 7.028 min Scan# 61  
Delta R.T. -0.002 min  
Lab File: BG064083.D  
Acq: 10 Mar 2025 16:25

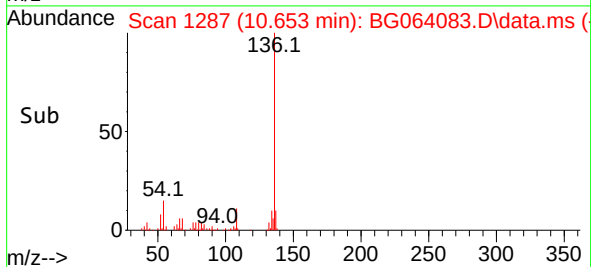
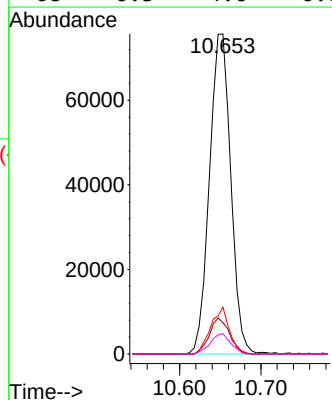
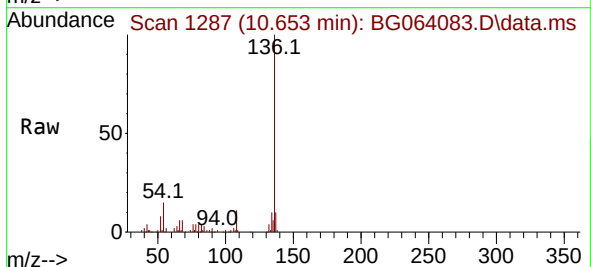
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02

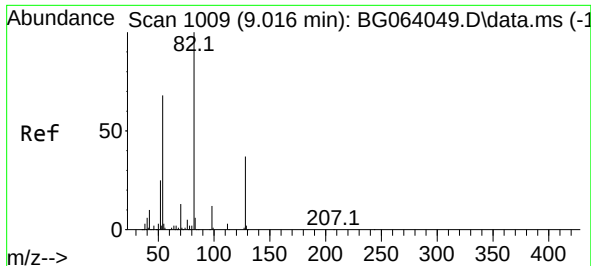
Tgt Ion: 99 Resp: 331043  
Ion Ratio Lower Upper  
99 100  
42 30.1 22.7 34.1  
71 41.5 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.653 min Scan# 1287  
Delta R.T. -0.003 min  
Lab File: BG064083.D  
Acq: 10 Mar 2025 16:25

Tgt Ion: 136 Resp: 137948  
Ion Ratio Lower Upper  
136 100  
137 9.8 8.5 12.7  
54 14.6 9.9 14.9  
68 6.3 4.6 6.8

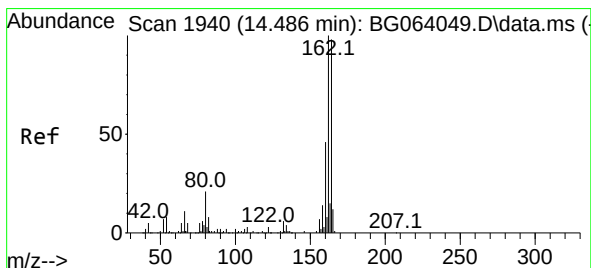
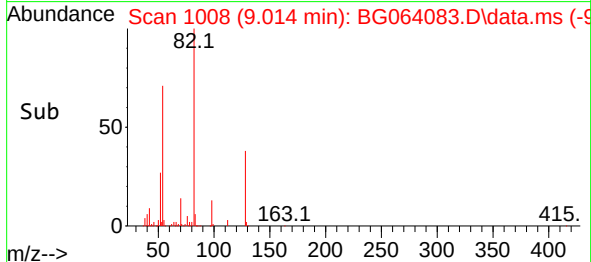
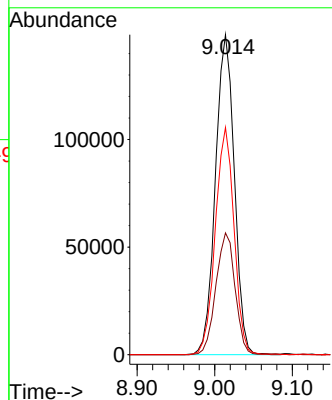
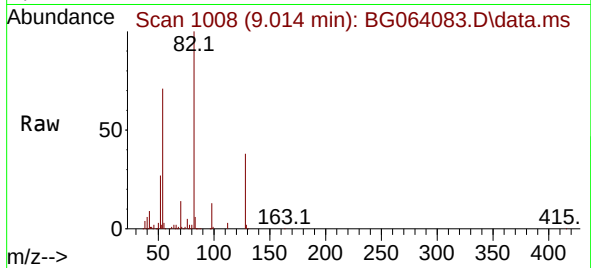




#23  
Nitrobenzene-d5  
Concen: 100.986 ng  
RT: 9.014 min Scan# 1008  
Delta R.T. -0.002 min  
Lab File: BG064083.D  
Acq: 10 Mar 2025 16:25

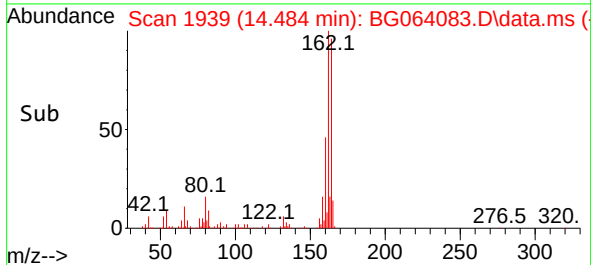
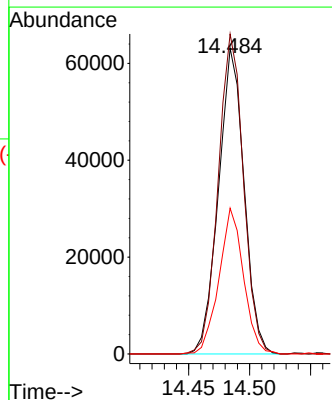
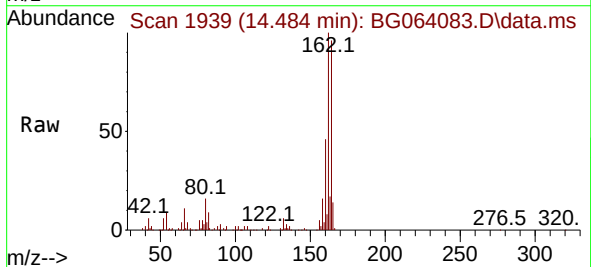
Instrument :  
BNA\_G  
ClientSampleId :  
ENV-105-SB02

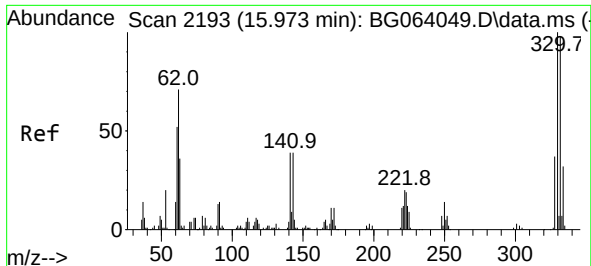
Tgt Ion: 82 Resp: 252088  
Ion Ratio Lower Upper  
82 100  
128 38.1 30.0 45.0  
54 71.0 54.7 82.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.484 min Scan# 1939  
Delta R.T. -0.002 min  
Lab File: BG064083.D  
Acq: 10 Mar 2025 16:25

Tgt Ion:164 Resp: 92307  
Ion Ratio Lower Upper  
164 100  
162 104.7 81.4 122.0  
160 47.7 37.0 55.6

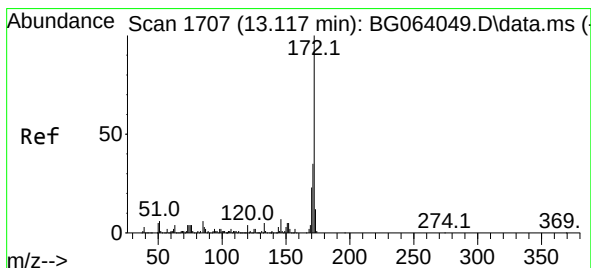
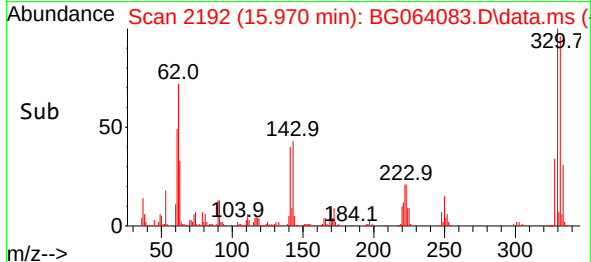
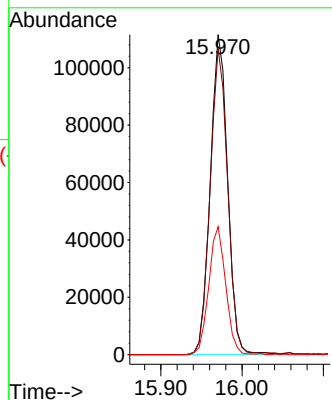
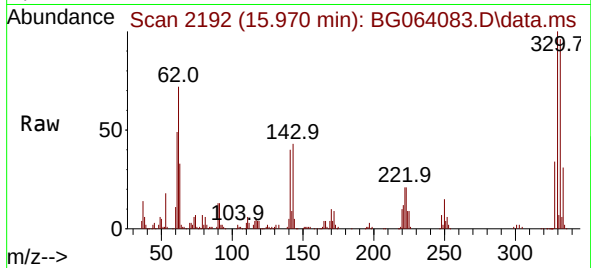




#42  
2,4,6-Tribromophenol  
Concen: 161.320 ng  
RT: 15.970 min Scan# 2193  
Delta R.T. -0.002 min  
Lab File: BG064083.D  
Acq: 10 Mar 2025 16:25

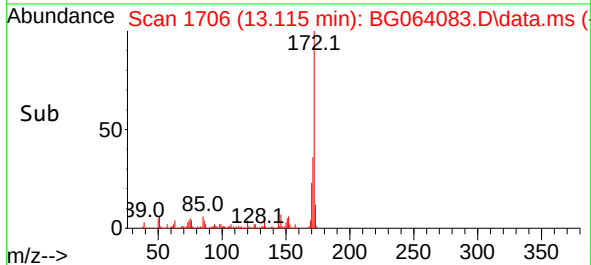
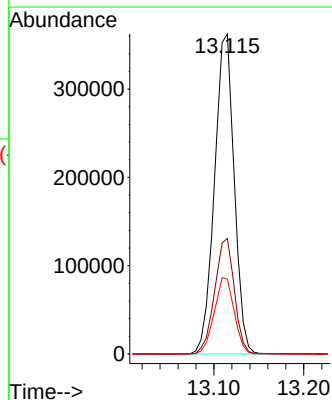
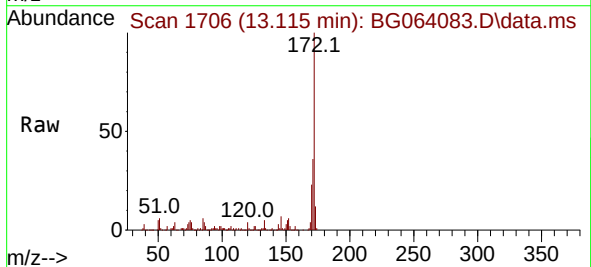
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ClientSampleId :  
ENV-105-SB02

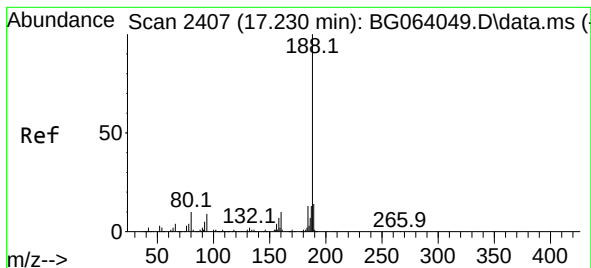
Tgt Ion:330 Resp: 165524  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.7 115.1  
141 39.2 29.7 44.5



#45  
2-Fluorobiphenyl  
Concen: 90.847 ng  
RT: 13.115 min Scan# 1706  
Delta R.T. -0.002 min  
Lab File: BG064083.D  
Acq: 10 Mar 2025 16:25

Tgt Ion:172 Resp: 552471  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.0 42.0  
170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.228 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG064083.D

Acq: 10 Mar 2025 16:25

Instrument :

BNA\_G

ClientSampleId :

ENV-105-SB02

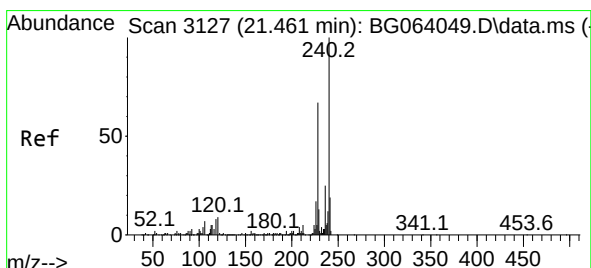
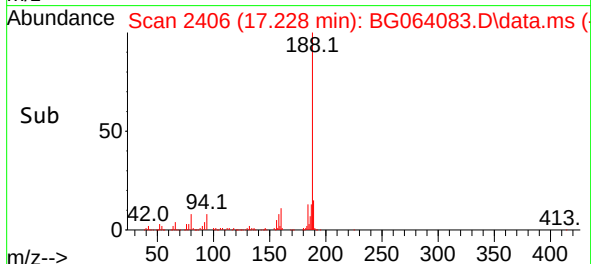
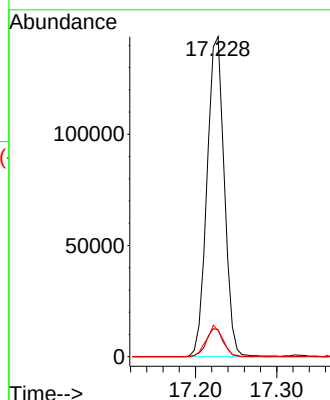
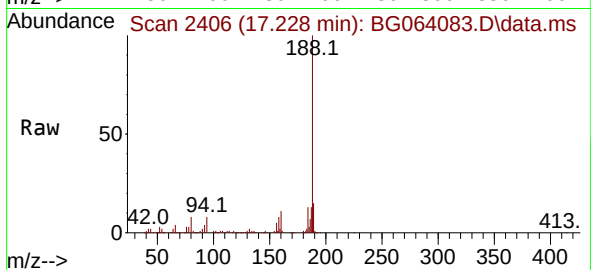
Tgt Ion:188 Resp: 212136

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

80 8.2 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.458 min Scan# 3126

Delta R.T. -0.002 min

Lab File: BG064083.D

Acq: 10 Mar 2025 16:25

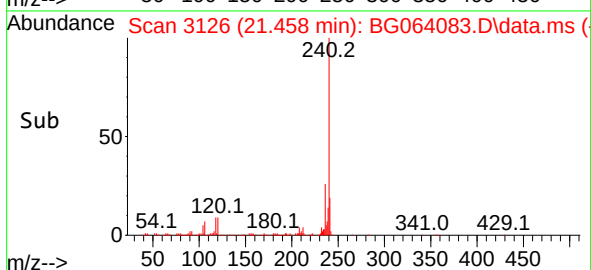
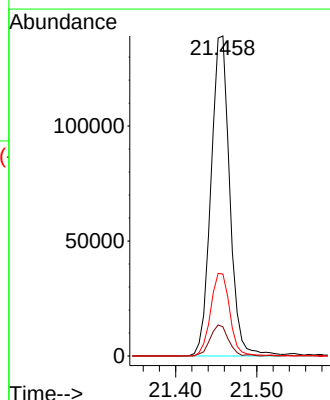
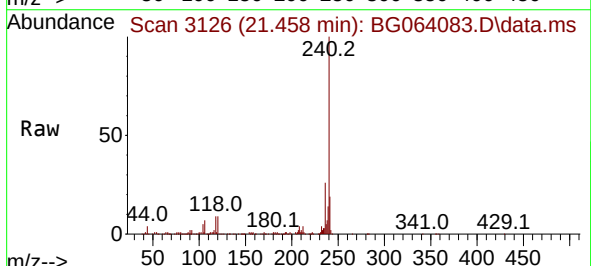
Tgt Ion:240 Resp: 223138

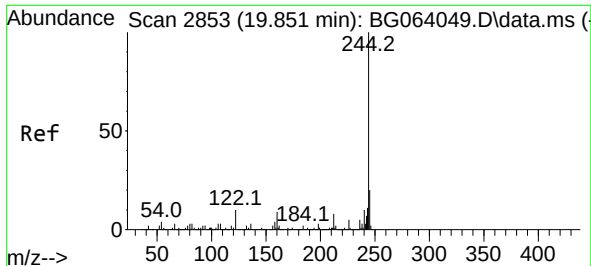
Ion Ratio Lower Upper

240 100

120 9.1 7.2 10.8

236 25.6 20.2 30.2

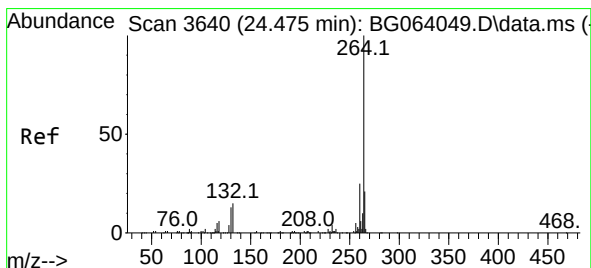
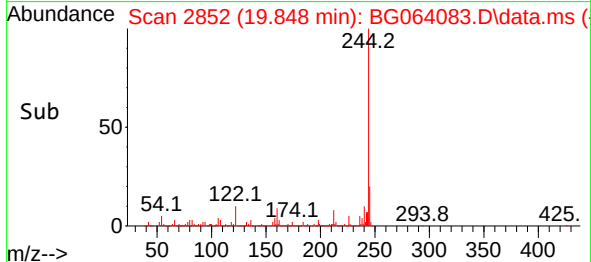
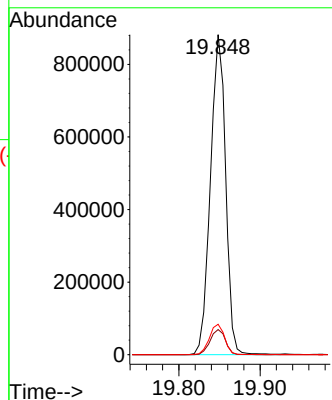
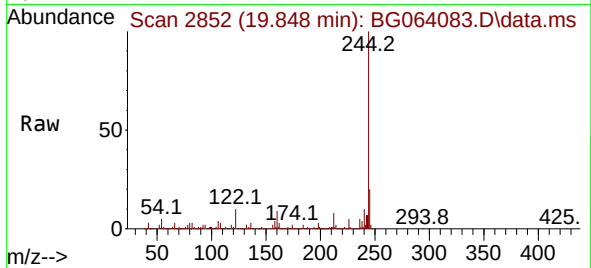




#79  
 Terphenyl-d14  
 Concen: 103.601 ng  
 RT: 19.848 min Scan# 21  
 Delta R.T. -0.002 min  
 Lab File: BG064083.D  
 Acq: 10 Mar 2025 16:25

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ENV-105-SB02

Tgt Ion:244 Resp: 1143296  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.2 9.4  
 122 9.5 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.472 min Scan# 3639  
 Delta R.T. -0.002 min  
 Lab File: BG064083.D  
 Acq: 10 Mar 2025 16:25

Tgt Ion:264 Resp: 227657  
 Ion Ratio Lower Upper  
 264 100  
 260 22.4 19.6 29.4  
 265 21.1 16.6 25.0

