

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091322\  
 Data File : BG054929.D  
 Acq On : 13 Sep 2022 19:44  
 Operator : CG/JU  
 Sample : N4578-15  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CHERRY-HILL-COMP-4

Quant Time: Sep 14 03:22:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 10 01:53:42 2022  
 Response via : Initial Calibration

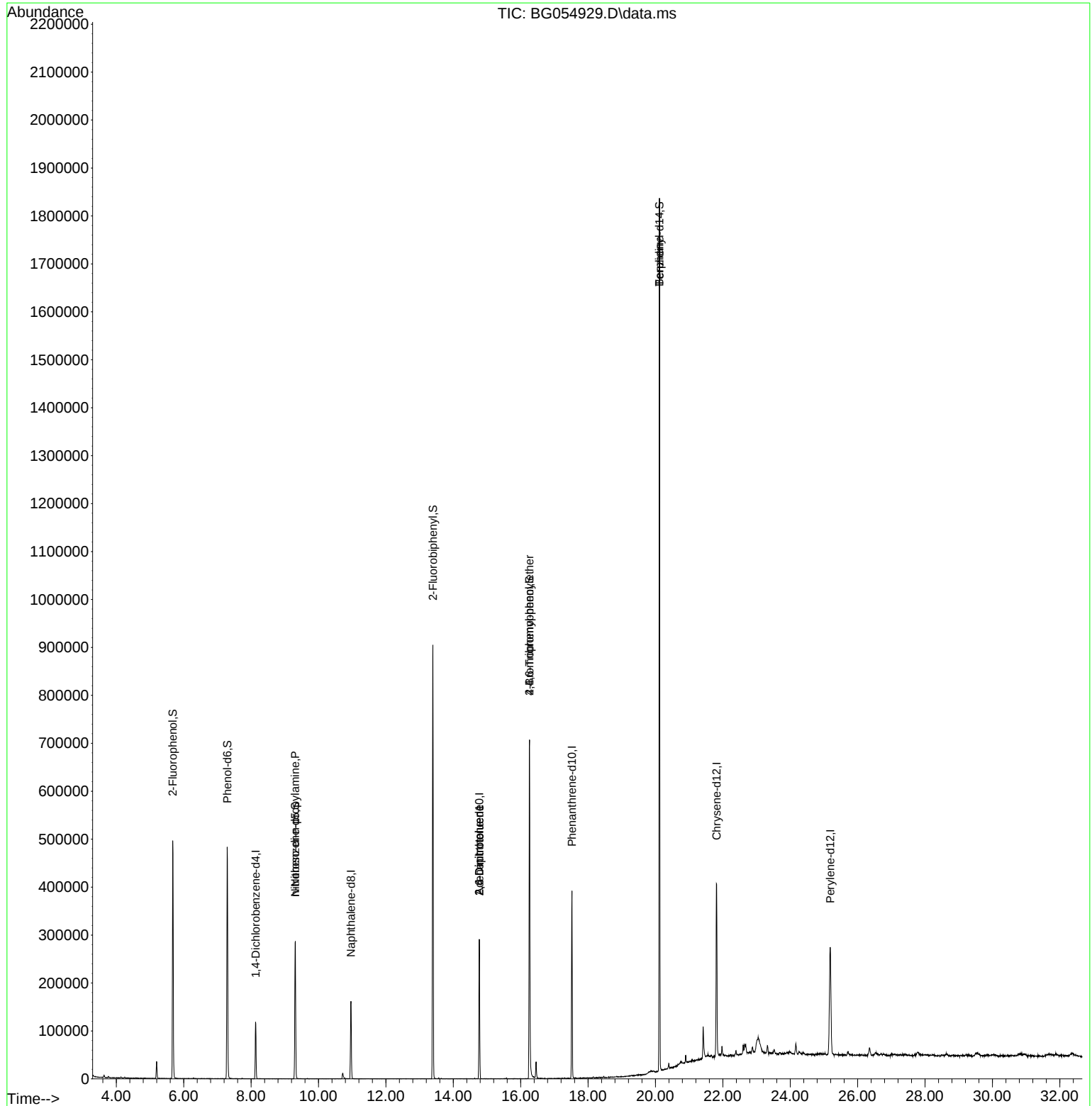
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.132  | 152  | 38047    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.964 | 136  | 153126   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.771 | 164  | 110584   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.521 | 188  | 260336   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.816 | 240  | 248351   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.188 | 264  | 262566   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.676  | 112  | 251470   | 115.095 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.291  | 99   | 330289   | 110.537 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.313  | 82   | 192359   | 65.947  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.263 | 330  | 182197   | 131.853 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.396 | 172  | 516899   | 70.255  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.118 | 244  | 935004   | 74.596  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.313  | 70   | 23859    | 11.612  | ng    | # 74     |
| 51) 2,6-Dinitrotoluene        | 14.771 | 165  | 14719    | 8.447   | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 14.771 | 165  | 14719    | 6.107   | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 16.263 | 248  | 11195    | 3.917   | ng    | # 1      |
| 77) Benzidine                 | 20.118 | 184  | 12583    | 2.046   | ng    | # 89     |
| -----                         |        |      |          |         |       |          |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 10 01:53:42 2022  
Response via : Initial Calibration

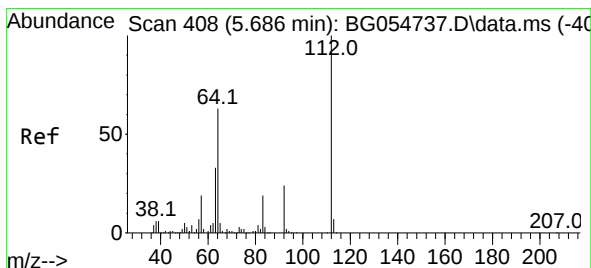
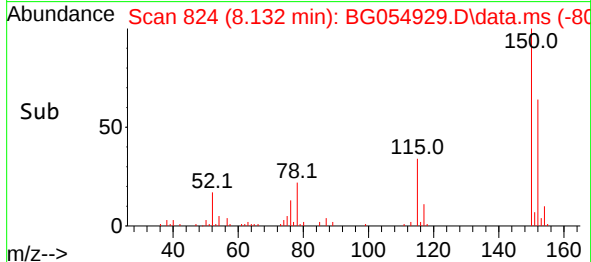
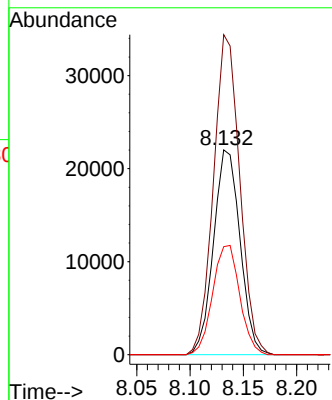
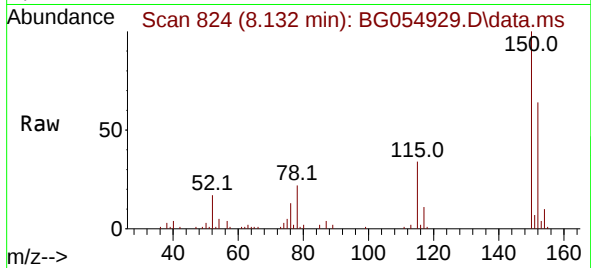




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.132 min Scan# 81  
Delta R.T. -0.014 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

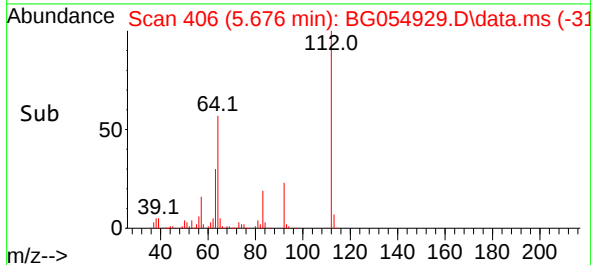
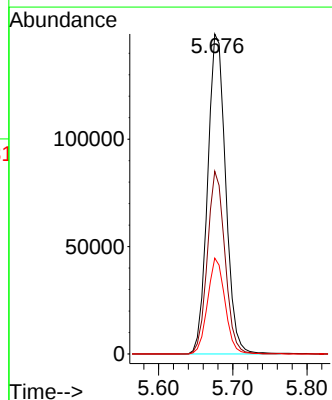
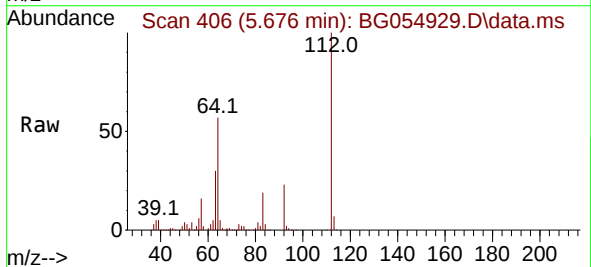
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-4

Tgt Ion:152 Resp: 38047  
Ion Ratio Lower Upper  
152 100  
150 156.3 125.2 187.8  
115 52.7 47.9 71.9



#5  
2-Fluorophenol  
Concen: 115.095 ng  
RT: 5.676 min Scan# 406  
Delta R.T. -0.009 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

Tgt Ion:112 Resp: 251470  
Ion Ratio Lower Upper  
112 100  
64 57.1 49.3 73.9  
63 30.0 26.3 39.5

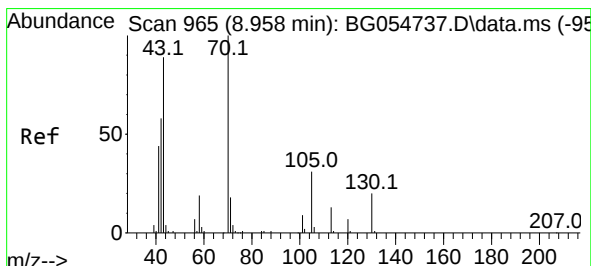
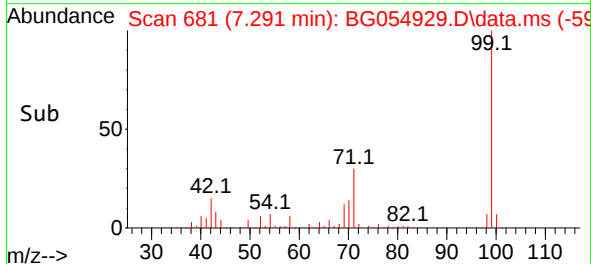
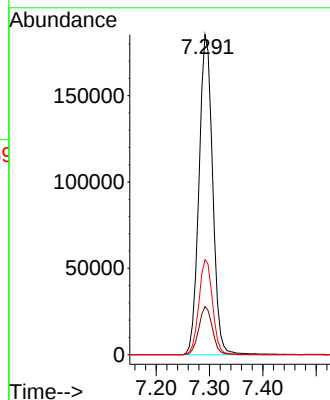
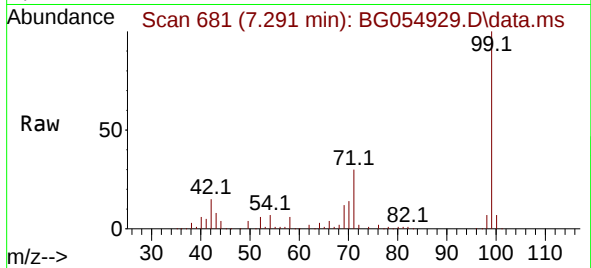




#7  
Phenol-d6  
Concen: 110.537 ng  
RT: 7.291 min Scan# 61  
Delta R.T. -0.009 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

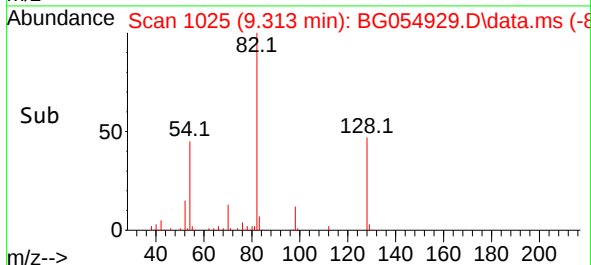
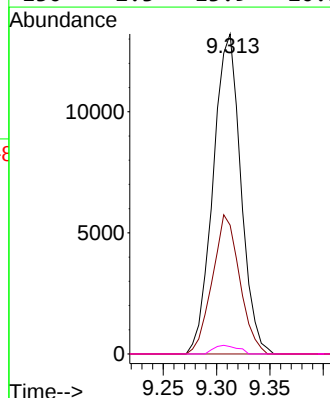
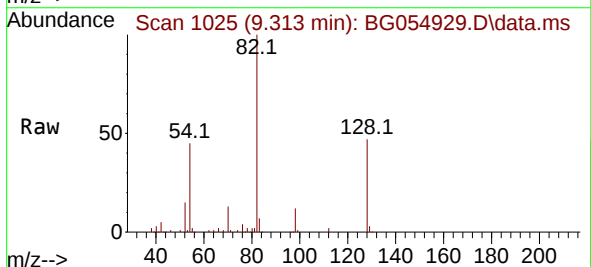
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-4

Tgt Ion: 99 Resp: 330289  
Ion Ratio Lower Upper  
99 100  
42 15.1 14.6 22.0  
71 29.7 24.6 37.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.612 ng  
RT: 9.313 min Scan# 1025  
Delta R.T. 0.362 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

Tgt Ion: 70 Resp: 23859  
Ion Ratio Lower Upper  
70 100  
42 40.2 46.6 69.8#  
101 0.0 7.7 11.5#  
130 2.3 13.9 20.9#

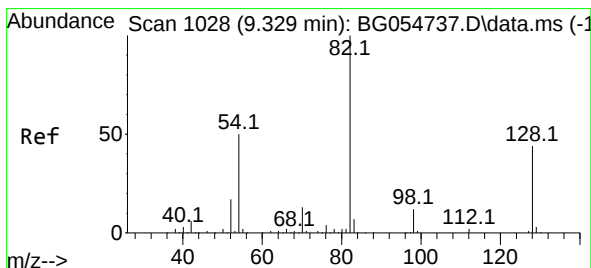
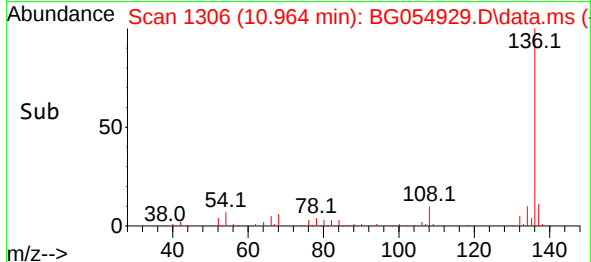
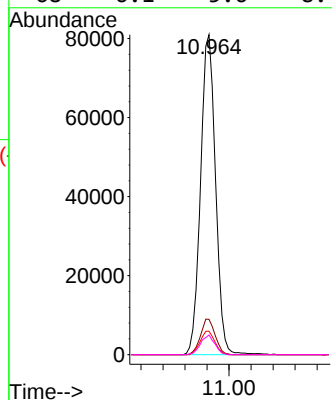
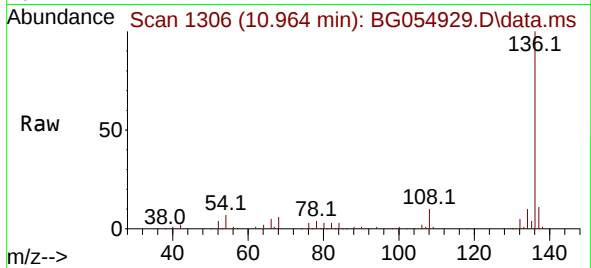




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.964 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

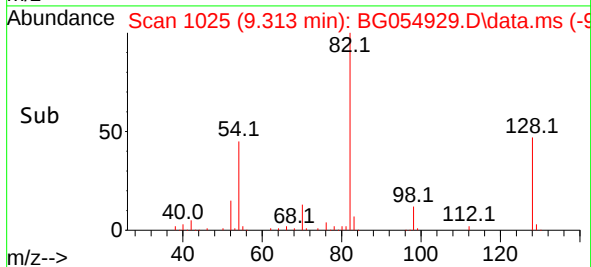
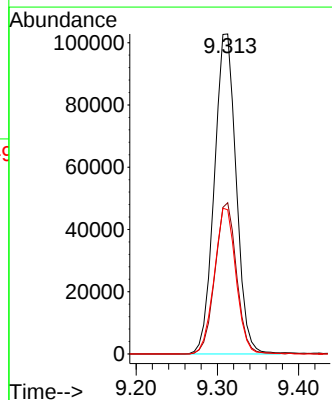
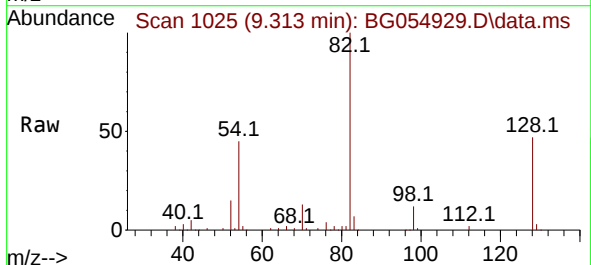
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-4

Tgt Ion:136 Resp: 153126  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.2 13.8  
54 7.3 7.7 11.5#  
68 6.1 5.6 8.4



#23  
Nitrobenzene-d5  
Concen: 65.947 ng  
RT: 9.313 min Scan# 1025  
Delta R.T. -0.009 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

Tgt Ion: 82 Resp: 192359  
Ion Ratio Lower Upper  
82 100  
128 47.2 32.2 48.2  
54 45.0 41.4 62.0

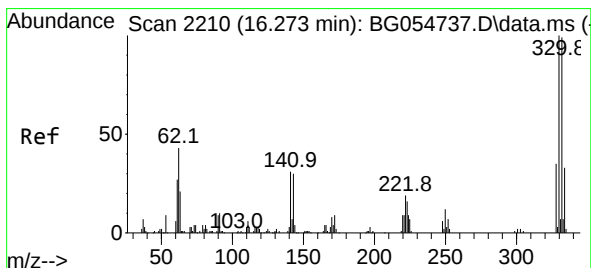
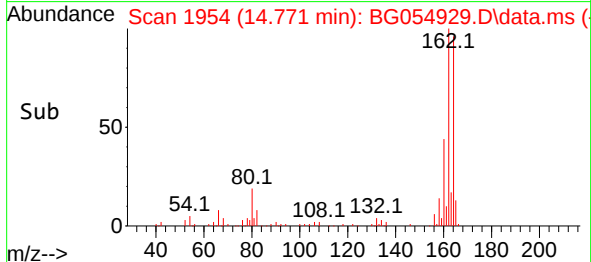
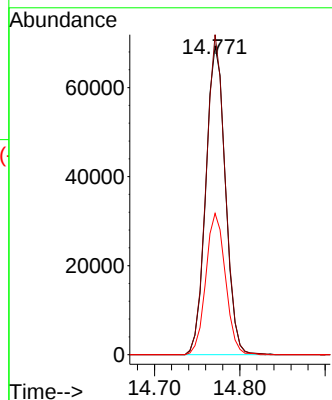
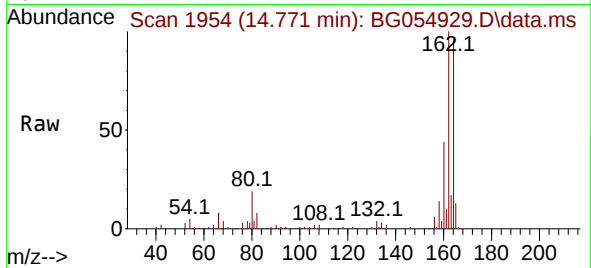




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.771 min Scan# 1954  
Delta R.T. -0.009 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

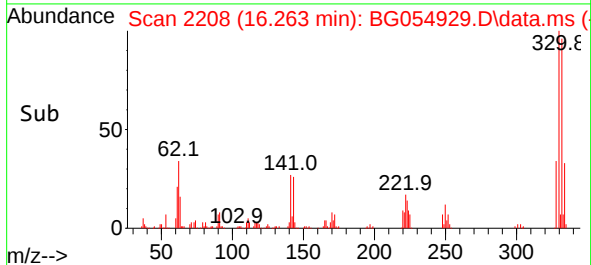
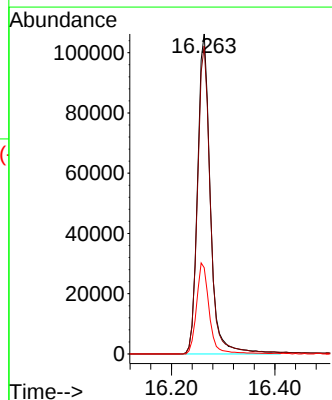
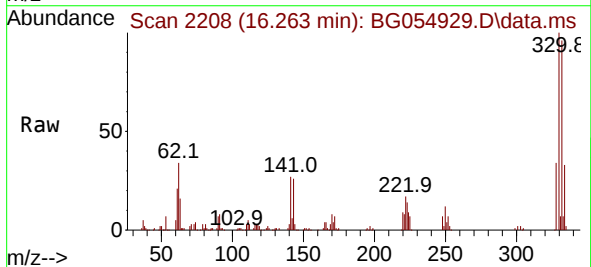
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-4

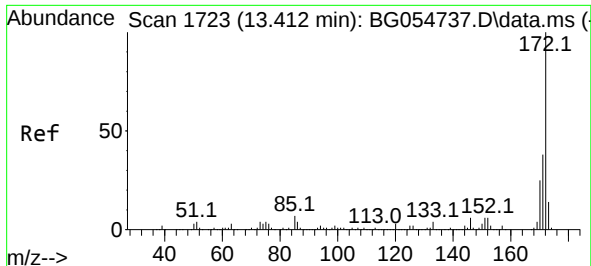
Tgt Ion:164 Resp: 110584  
Ion Ratio Lower Upper  
164 100  
162 103.6 83.0 124.4  
160 45.7 38.0 57.0



#42  
2,4,6-Tribromophenol  
Concen: 131.853 ng  
RT: 16.263 min Scan# 2208  
Delta R.T. -0.009 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

Tgt Ion:330 Resp: 182197  
Ion Ratio Lower Upper  
330 100  
332 96.5 79.8 119.6  
141 28.3 26.8 40.2

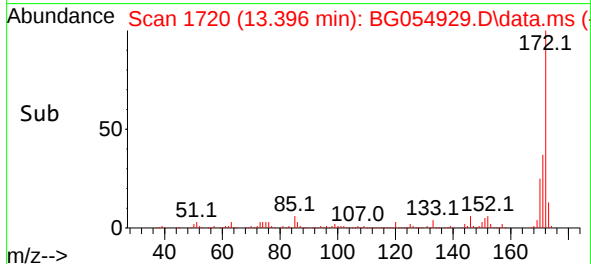
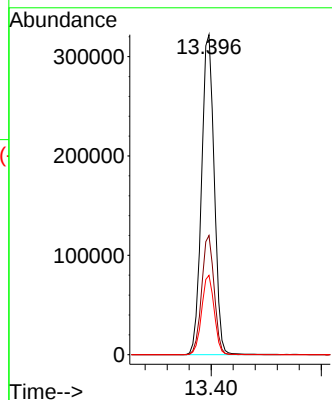
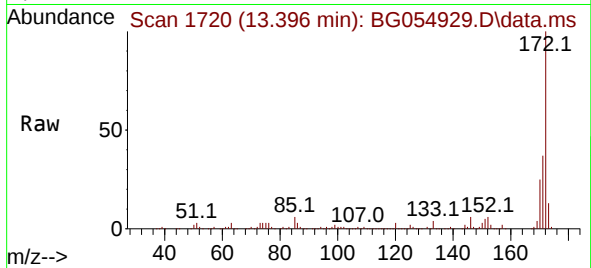




#45  
2-Fluorobiphenyl  
Concen: 70.255 ng  
RT: 13.396 min Scan# 1  
Delta R.T. -0.009 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

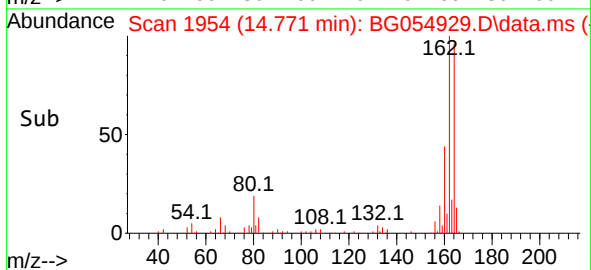
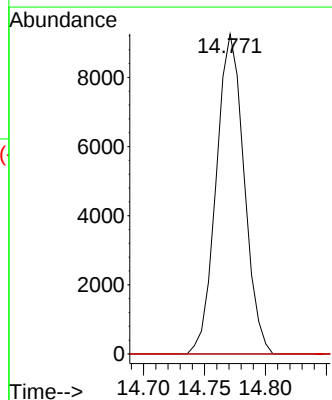
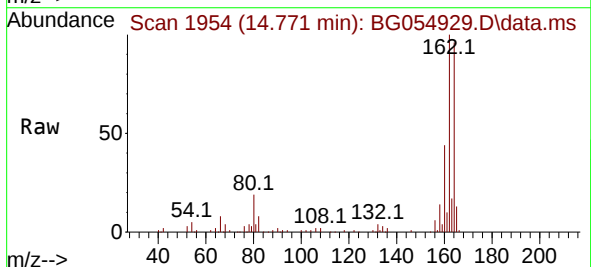
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ClientSampleId :  
CHERRY-HILL-COMP-4

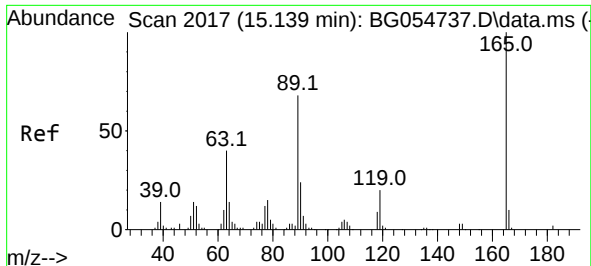
Tgt Ion:172 Resp: 516899  
Ion Ratio Lower Upper  
172 100  
171 37.3 31.2 46.8  
170 24.8 20.6 30.8



#51  
2,6-Dinitrotoluene  
Concen: 8.447 ng  
RT: 14.771 min Scan# 1954  
Delta R.T. 0.414 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

Tgt Ion:165 Resp: 14719  
Ion Ratio Lower Upper  
165 100  
63 0.0 46.0 69.0#  
89 0.0 50.3 75.5#

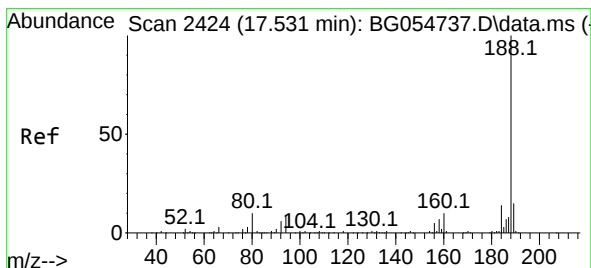
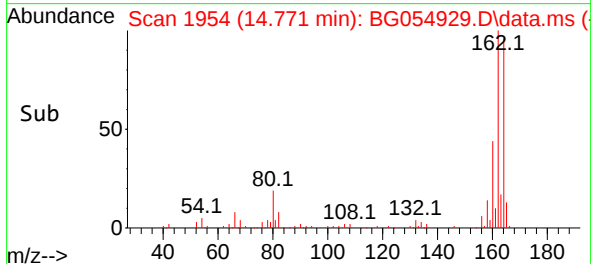
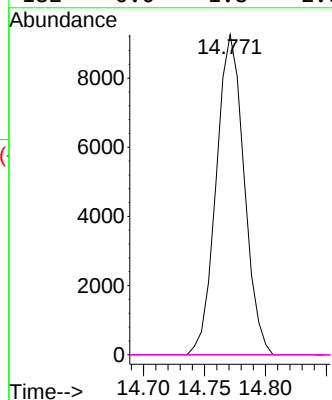
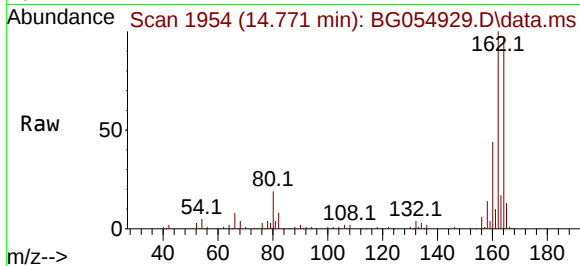




#57  
2,4-Dinitrotoluene  
Concen: 6.107 ng  
RT: 14.771 min Scan# 1954  
Delta R.T. -0.373 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

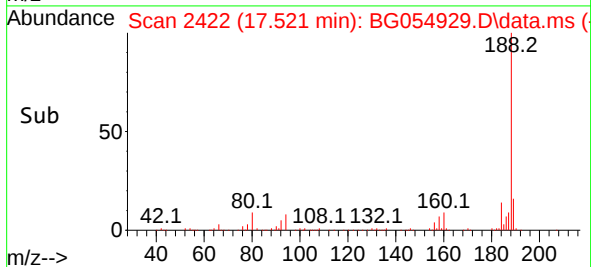
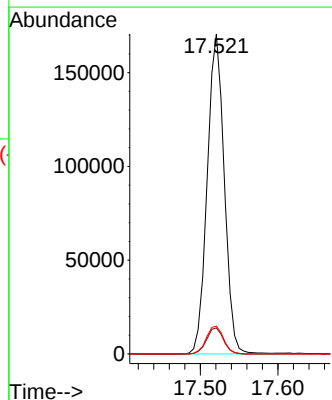
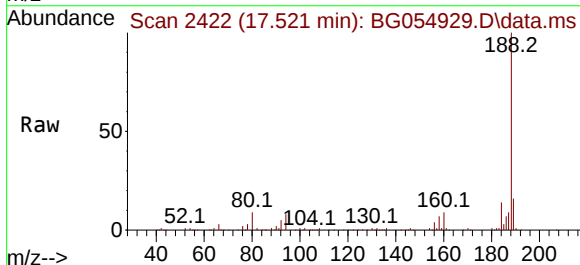
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-4

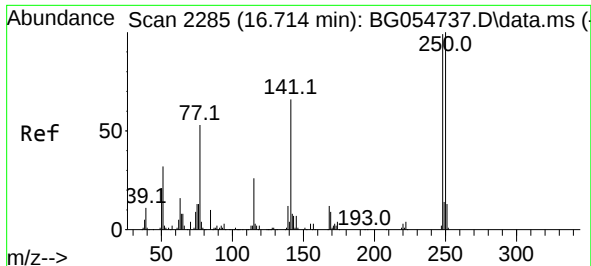
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Ion Ratio Lower Upper  
165 100  
63 0.0 36.8 55.2#  
89 0.0 64.3 96.5#  
182 0.0 1.8 2.6#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.521 min Scan# 2422  
Delta R.T. -0.009 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

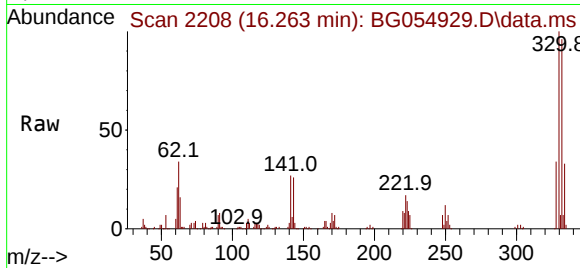
Tgt Ion:188 Resp: 260336  
Ion Ratio Lower Upper  
188 100  
94 8.1 7.0 10.4  
80 8.7 7.9 11.9



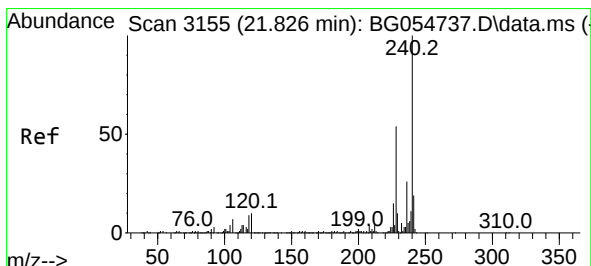
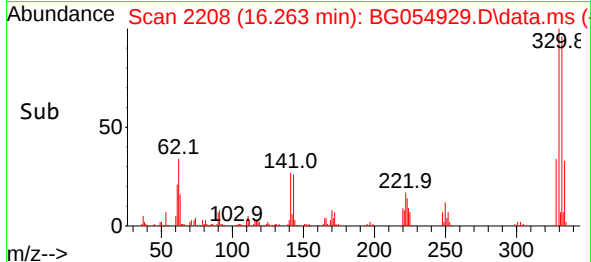
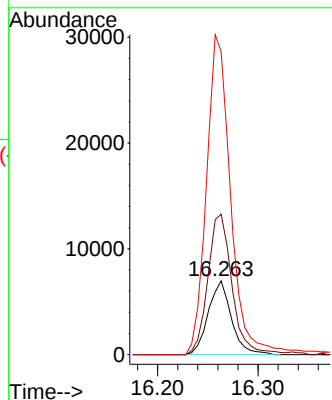


#67  
4-Bromophenyl-phenylether  
Concen: 3.917 ng  
RT: 16.263 min Scan# 211  
Delta R.T. -0.443 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-4

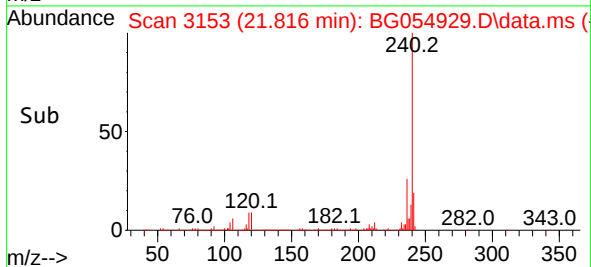
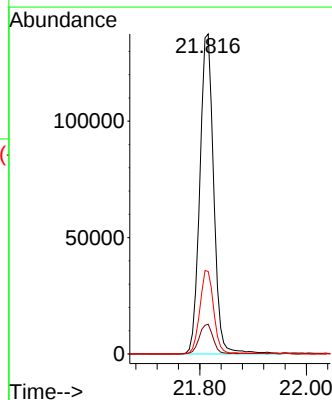
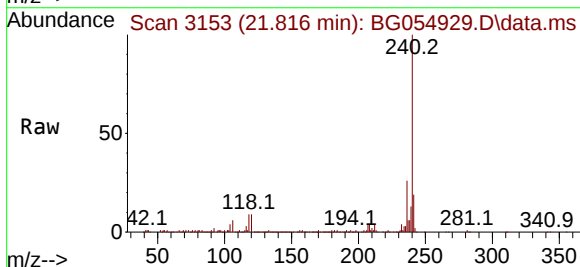


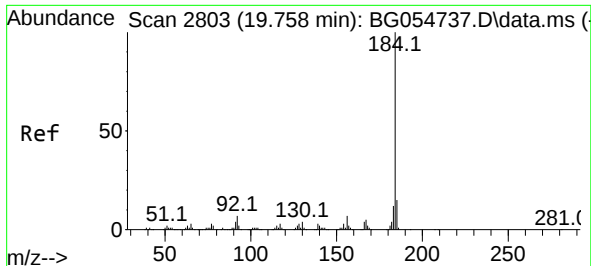
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Ion Ratio Lower Upper  
248 100  
250 190.3 78.8 118.2#  
141 410.3 51.9 77.9#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.816 min Scan# 3153  
Delta R.T. -0.009 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

Tgt Ion:240 Resp: 248351  
Ion Ratio Lower Upper  
240 100  
120 9.3 8.2 12.4  
236 25.8 21.2 31.8

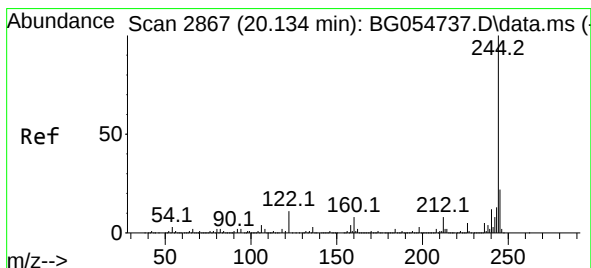
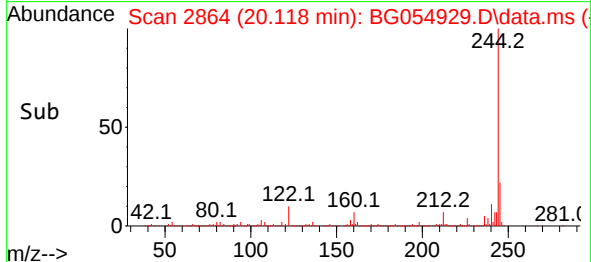
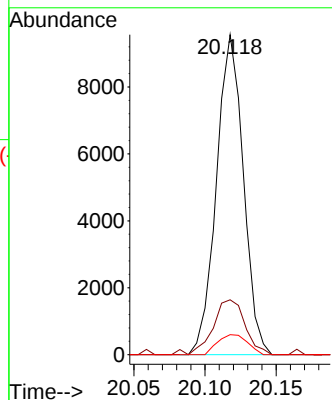
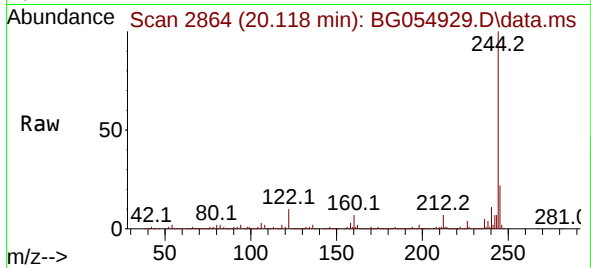




#77  
Benzidine  
Concen: 2.046 ng  
RT: 20.118 min Scan# 2864  
Delta R.T. 0.367 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

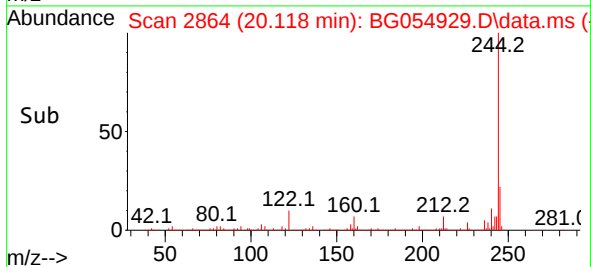
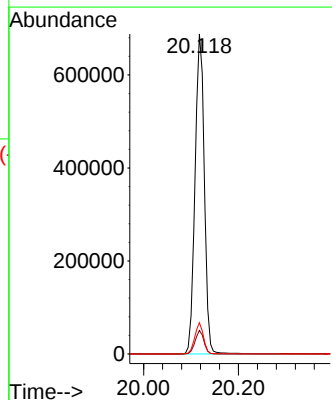
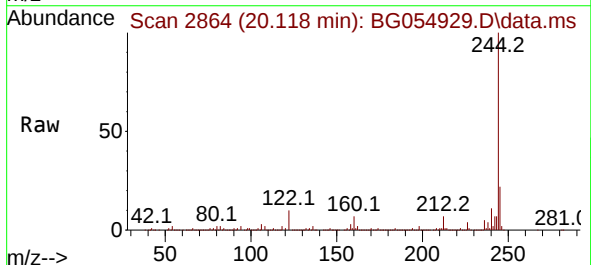
Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-4

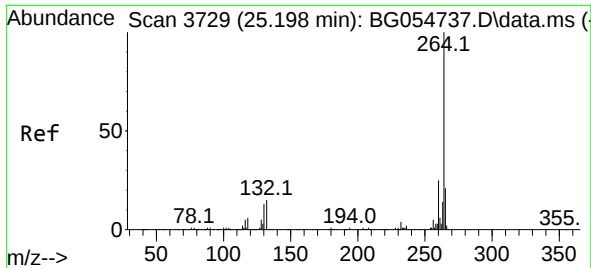
Tgt Ion:184 Resp: 12583  
Ion Ratio Lower Upper  
184 100  
185 17.1 11.4 17.0#  
183 6.3 9.8 14.8#



#79  
Terphenyl-d14  
Concen: 74.596 ng  
RT: 20.118 min Scan# 2864  
Delta R.T. -0.009 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

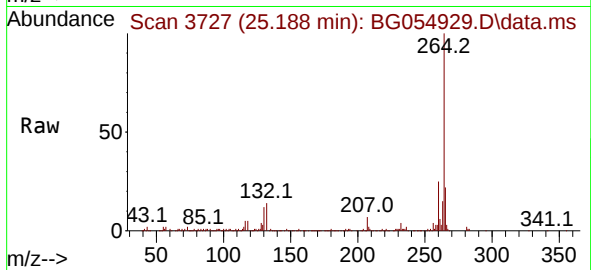
Tgt Ion:244 Resp: 935004  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.2 9.2  
122 9.7 9.0 13.6





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.188 min Scan# 31  
Delta R.T. -0.014 min  
Lab File: BG054929.D  
Acq: 13 Sep 2022 19:44

Instrument :  
BNA\_G  
ClientSampleId :  
CHERRY-HILL-COMP-4



Tgt Ion:264 Resp: 262566  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.9 29.9  
265 21.9 16.9 25.3

