

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111022\  
 Data File : BG055535.D  
 Acq On : 10 Nov 2022 11:43  
 Operator : CG/JU  
 Sample : PB148901BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148901BL

Quant Time: Nov 11 01:58:30 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 10 03:39:46 2022  
 Response via : Initial Calibration

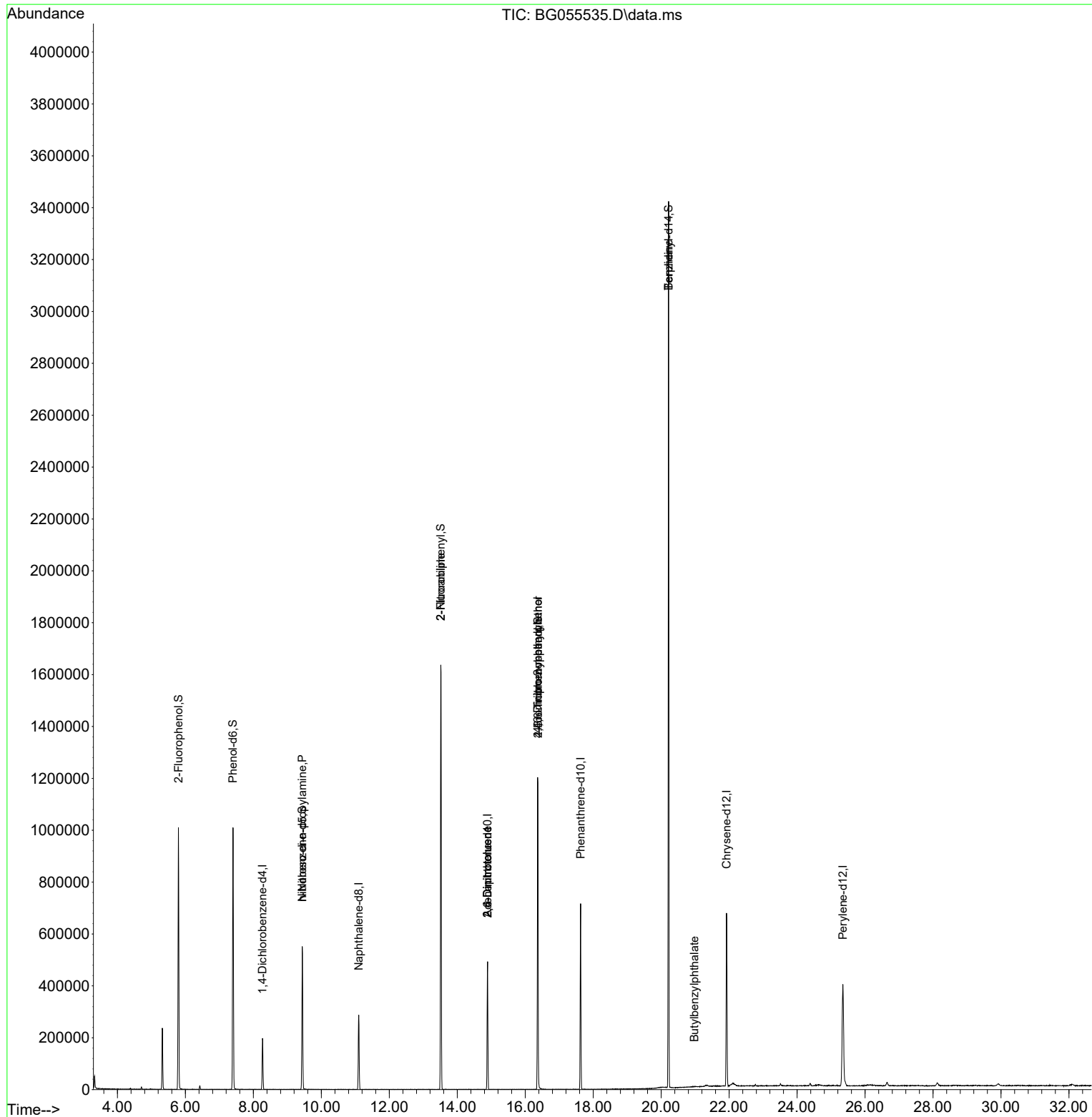
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.269  | 152  | 56510    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.101 | 136  | 241395   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.891 | 164  | 175106   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.629 | 188  | 440983   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.924 | 240  | 428655   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.349 | 264  | 448895   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.796  | 112  | 422862   | 142.530 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.400  | 99   | 546942   | 133.460 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.438  | 82   | 306653   | 86.118  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.371 | 330  | 233428   | 136.626 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.516 | 172  | 851339   | 73.336  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.220 | 244  | 1651926  | 77.405  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.438  | 70   | 41394    | 12.222  | ng    | # 79     |
| 48) 2-Nitroaniline            | 13.516 | 65   | 1569     | 4.354   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 14.891 | 165  | 23299    | 12.459  | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 14.891 | 165  | 23299    | 10.595  | ng    | # 21     |
| 65) 4,6-Dinitro-2-methylph... | 16.366 | 198  | 709      | 2.559   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 16.371 | 248  | 15444    | 3.433   | ng    | # 1      |
| 77) Benzidine                 | 20.220 | 184  | 28451    | 2.453   | ng    | # 94     |
| 80) Butylbenzylphthalate      | 20.978 | 149  | 62       | 3.370   | ng    | # 24     |
| -----                         |        |      |          |         |       |          |

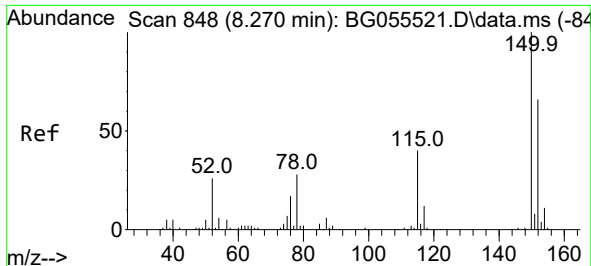
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111022\  
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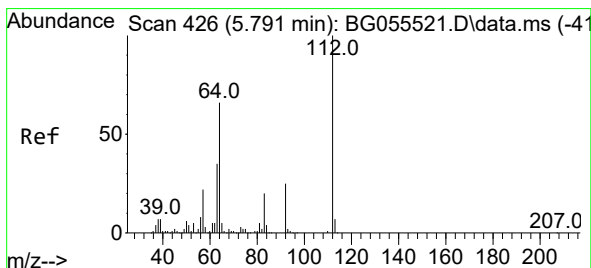
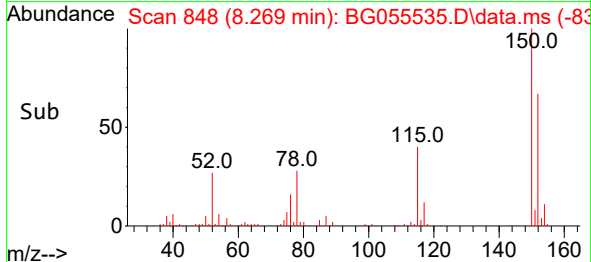
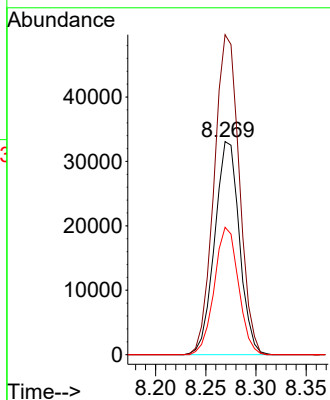
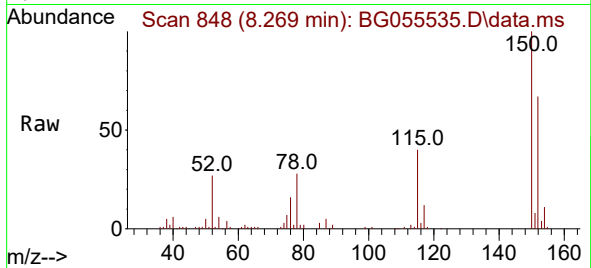




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.269 min Scan# 84  
Delta R.T. -0.001 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

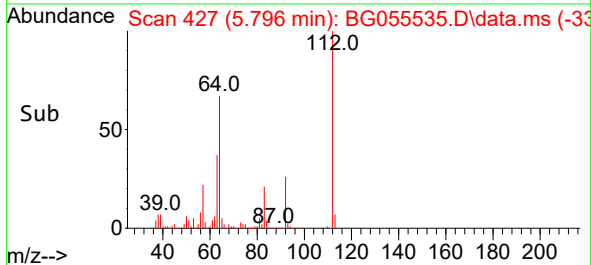
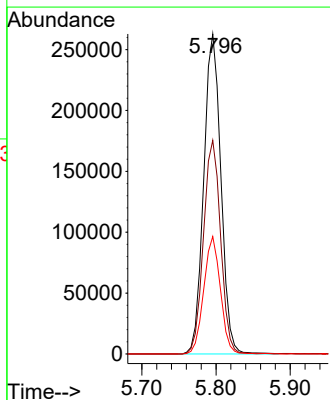
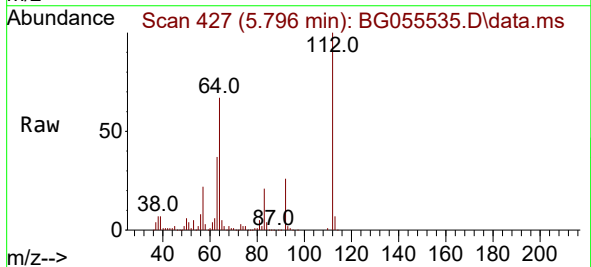
Instrument :  
BNA\_G  
ClientSampleId :  
PB148901BL

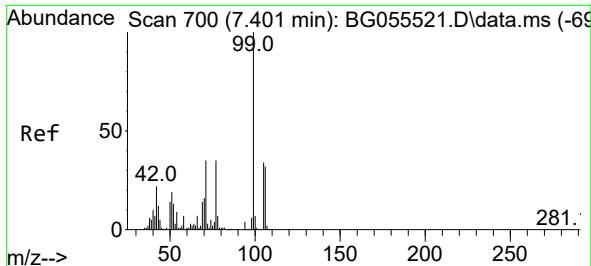
Tgt Ion:152 Resp: 56510  
Ion Ratio Lower Upper  
152 100  
150 150.2 121.0 181.4  
115 59.8 47.8 71.8



#5  
2-Fluorophenol  
Concen: 142.530 ng  
RT: 5.796 min Scan# 427  
Delta R.T. 0.005 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

Tgt Ion:112 Resp: 422862  
Ion Ratio Lower Upper  
112 100  
64 66.7 52.6 78.8  
63 36.7 28.3 42.5

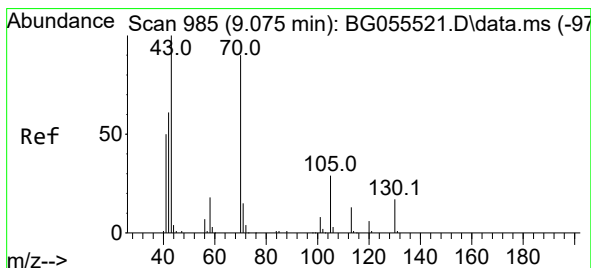
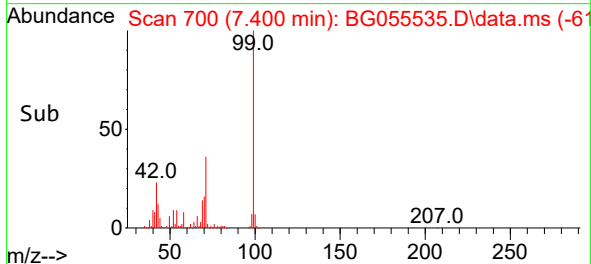
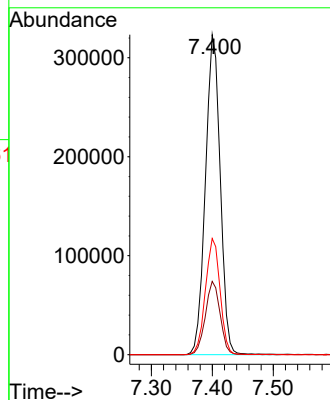
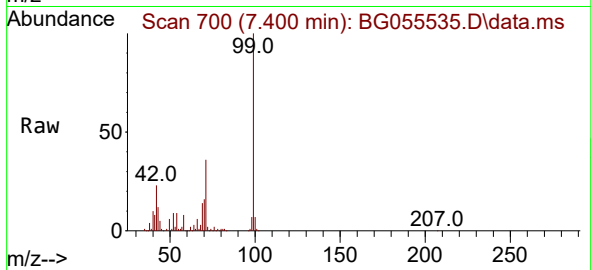




#7  
Phenol-d6  
Concen: 133.460 ng  
RT: 7.400 min Scan# 70  
Delta R.T. -0.001 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

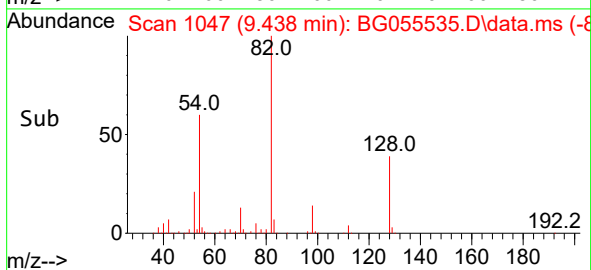
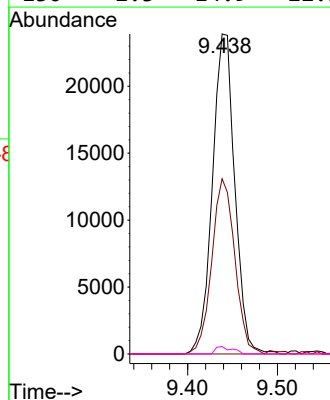
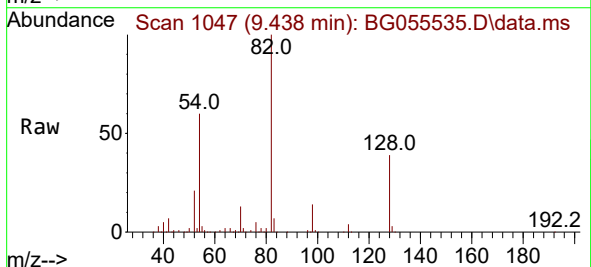
Instrument :  
BNA\_G  
ClientSampleId :  
PB148901BL

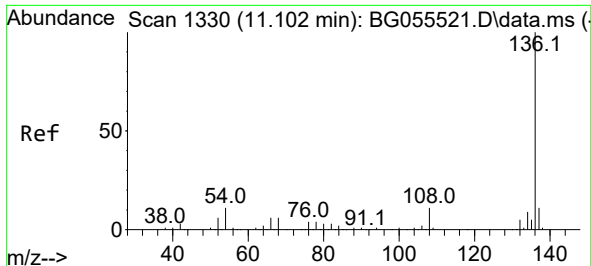
Tgt Ion: 99 Resp: 546942  
Ion Ratio Lower Upper  
99 100  
42 22.9 17.5 26.3  
71 36.3 28.3 42.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.222 ng  
RT: 9.438 min Scan# 1047  
Delta R.T. 0.363 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

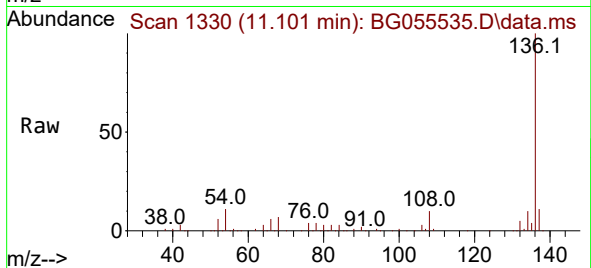
Tgt Ion: 70 Resp: 41394  
Ion Ratio Lower Upper  
70 100  
42 54.8 54.8 82.2#  
101 0.0 6.8 10.2#  
130 2.3 14.9 22.3#



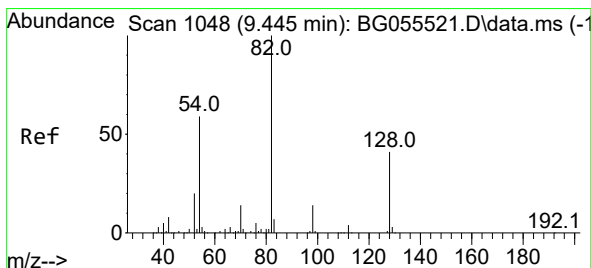
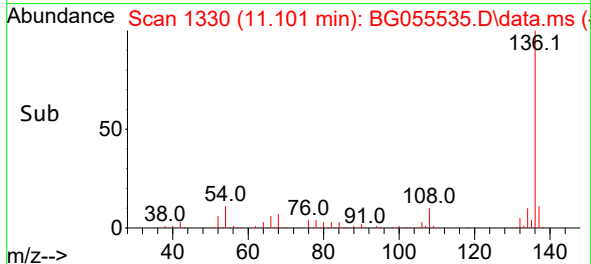
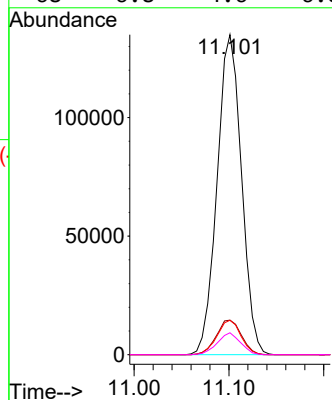


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.101 min Scan# 1110  
Delta R.T. -0.001 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB148901BL

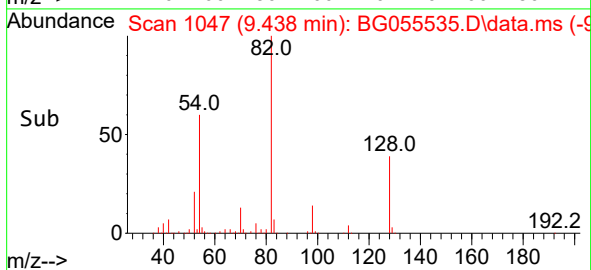
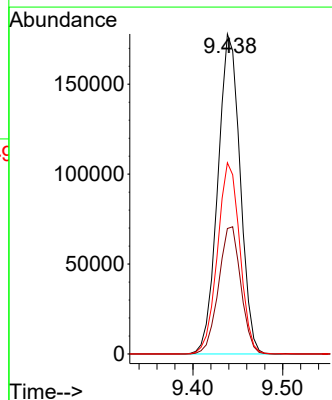
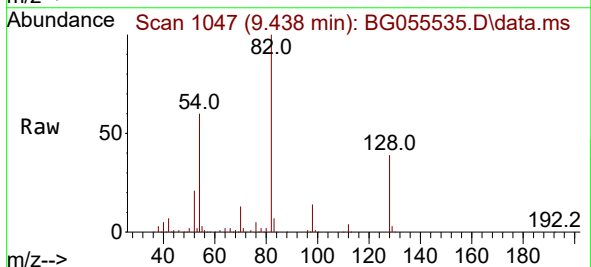


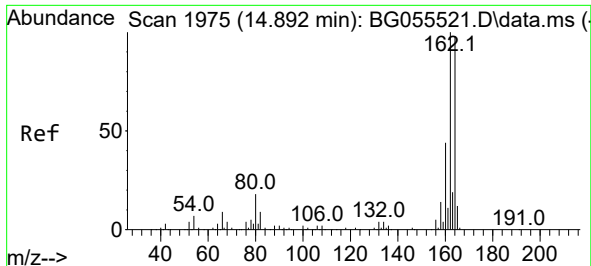
Tgt Ion:136 Resp: 241395  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 12.8  
54 10.7 8.6 12.8  
68 6.8 4.6 6.8#



#23  
Nitrobenzene-d5  
Concen: 86.118 ng  
RT: 9.438 min Scan# 1047  
Delta R.T. -0.007 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

Tgt Ion: 82 Resp: 306653  
Ion Ratio Lower Upper  
82 100  
128 39.2 32.6 49.0  
54 59.8 47.3 70.9

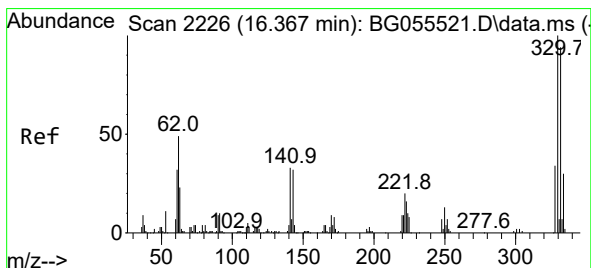
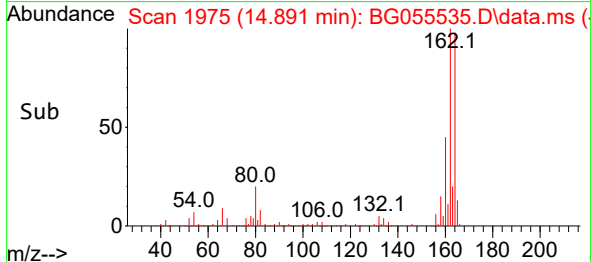
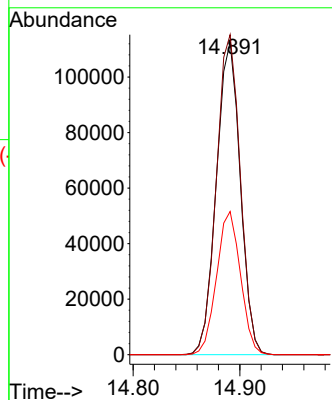
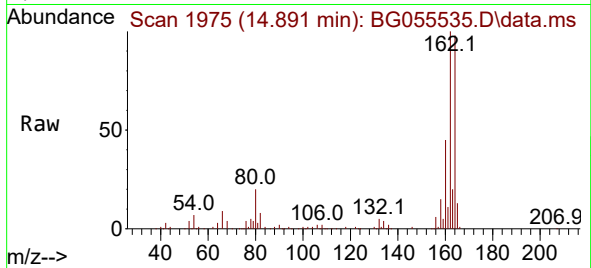




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.891 min Scan# 1975  
Delta R.T. -0.001 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

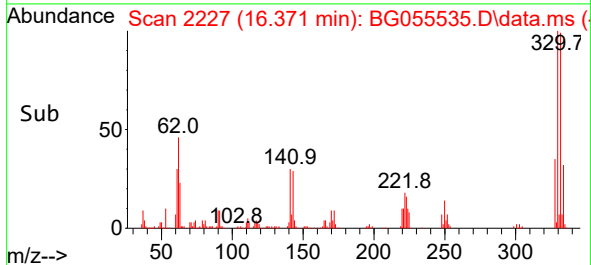
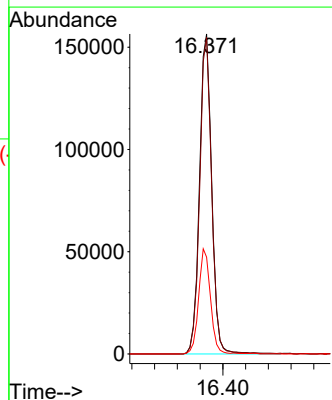
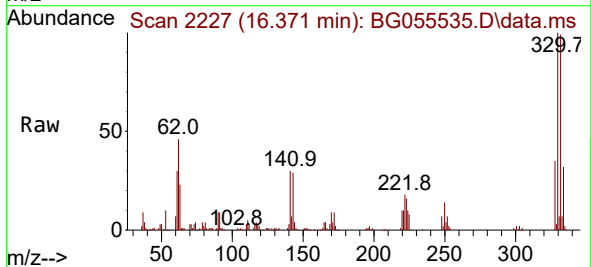
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BNA\_G  
ClientSampleId :  
PB148901BL

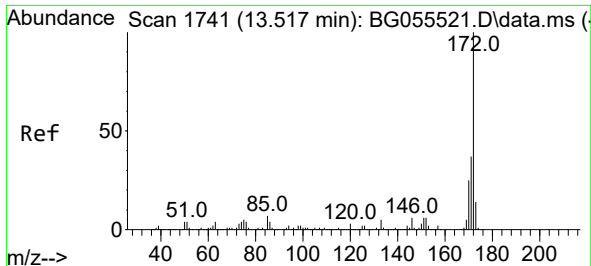
Tgt Ion:164 Resp: 175106  
Ion Ratio Lower Upper  
164 100  
162 102.3 81.3 121.9  
160 45.8 35.9 53.9



#42  
2,4,6-Tribromophenol  
Concen: 136.626 ng  
RT: 16.371 min Scan# 2227  
Delta R.T. 0.004 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

Tgt Ion:330 Resp: 233428  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.4 116.2  
141 32.0 25.4 38.2

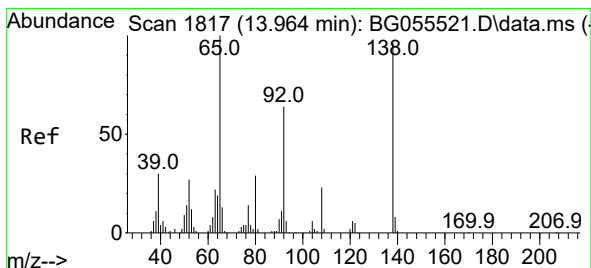
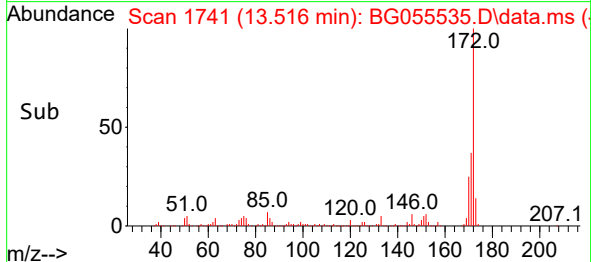
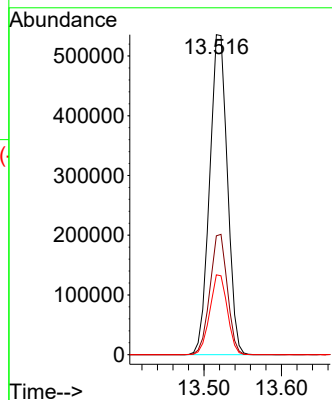
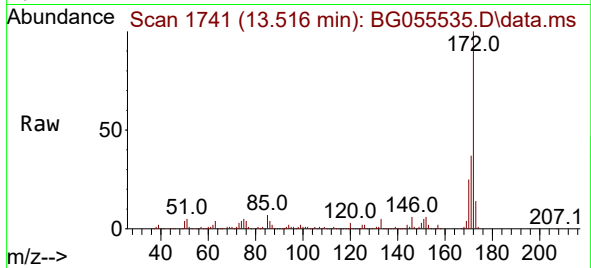




#45  
2-Fluorobiphenyl  
Concen: 73.336 ng  
RT: 13.516 min Scan# 1741  
Delta R.T. -0.001 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

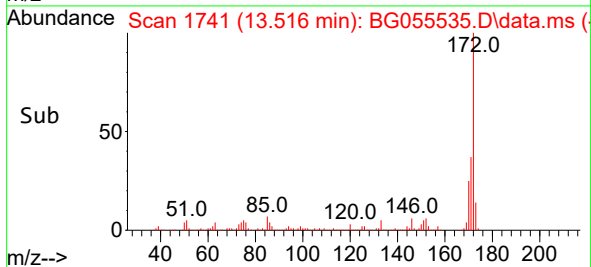
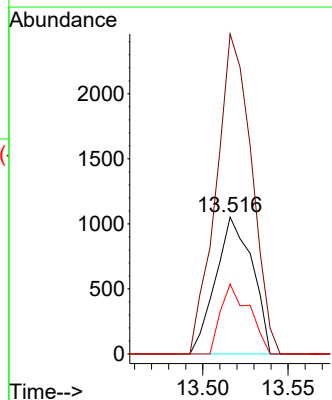
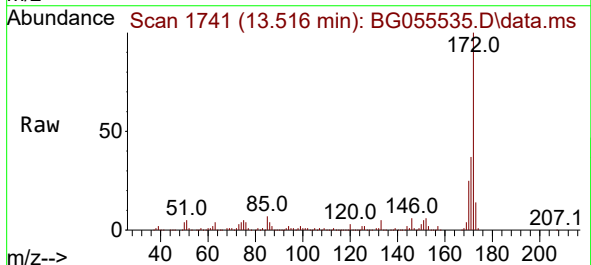
Instrument :  
BNA\_G  
ClientSampleId :  
PB148901BL

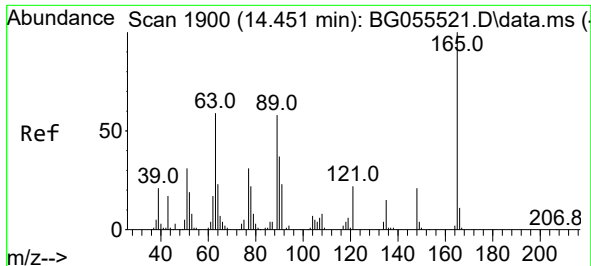
Tgt Ion:172 Resp: 851339  
Ion Ratio Lower Upper  
172 100  
171 37.1 29.7 44.5  
170 25.0 19.8 29.6



#48  
2-Nitroaniline  
Concen: 4.354 ng  
RT: 13.516 min Scan# 1741  
Delta R.T. -0.448 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

Tgt Ion: 65 Resp: 1569  
Ion Ratio Lower Upper  
65 100  
92 233.6 51.6 77.4#  
138 51.0 77.0 115.4#

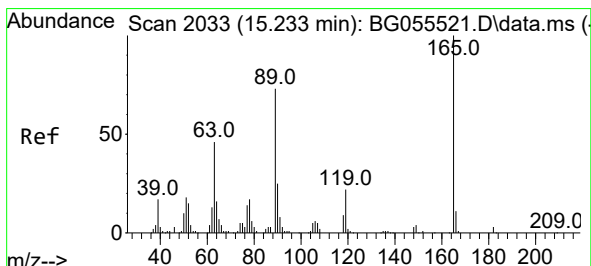
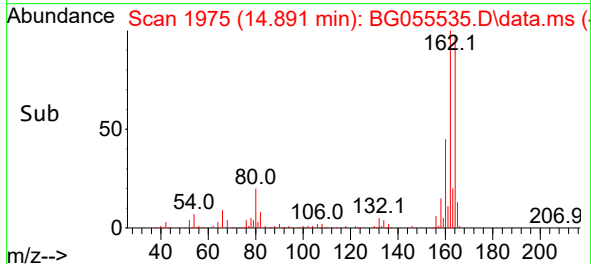
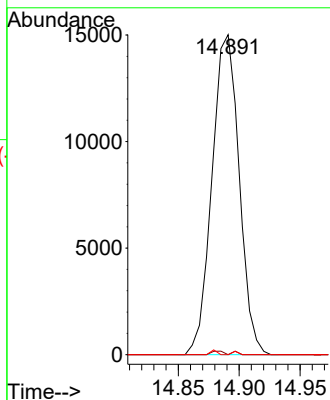
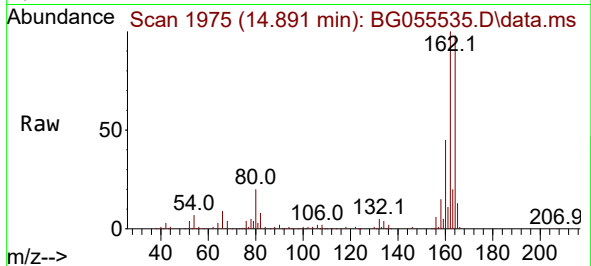




#51  
2,6-Dinitrotoluene  
Concen: 12.459 ng  
RT: 14.891 min Scan# 1900  
Delta R.T. 0.440 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

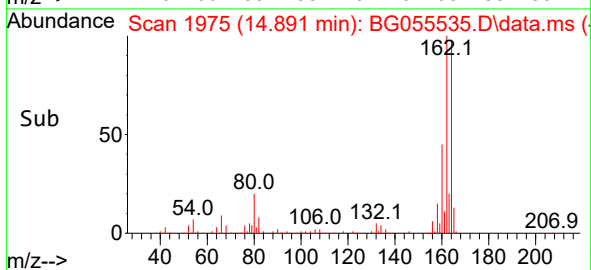
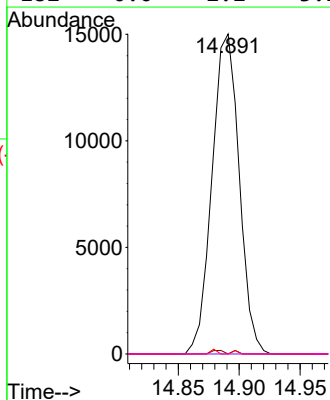
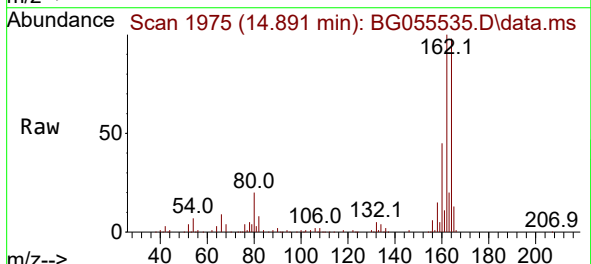
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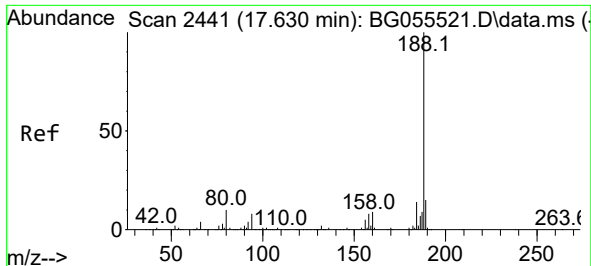
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Ion Ratio Lower Upper  
165 100  
63 0.0 50.1 75.1#  
89 0.0 46.5 69.7#



#57  
2,4-Dinitrotoluene  
Concen: 10.595 ng  
RT: 14.891 min Scan# 1975  
Delta R.T. -0.342 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

Tgt Ion:165 Resp: 23299  
Ion Ratio Lower Upper  
165 100  
63 0.0 37.0 55.4#  
89 0.0 58.6 87.8#  
182 0.0 2.2 3.2#

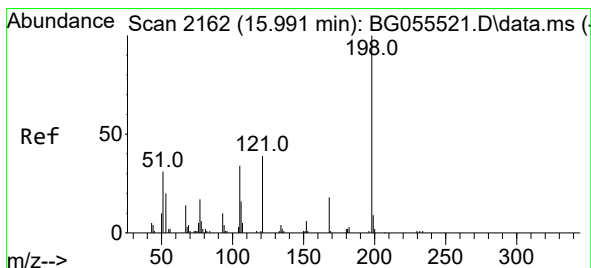
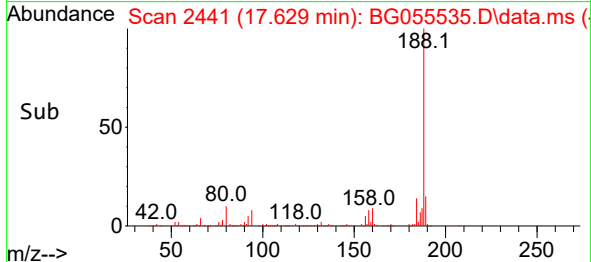
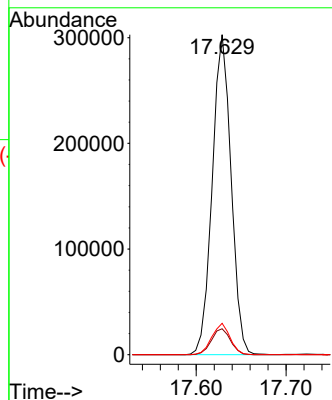
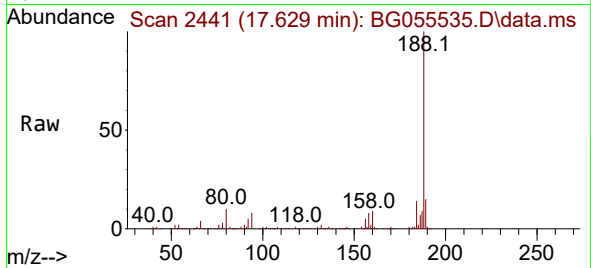




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.629 min Scan# 2441  
Delta R.T. -0.001 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

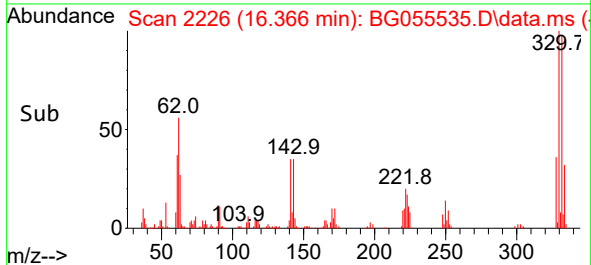
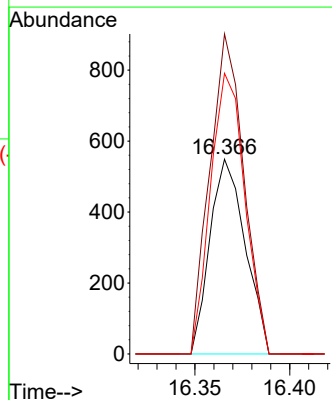
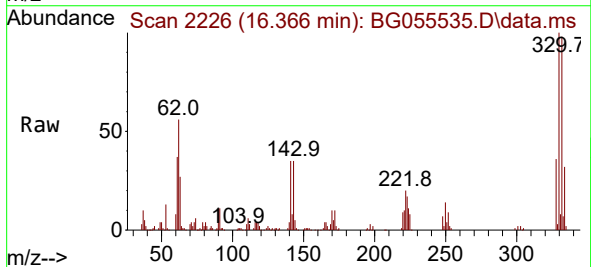
Instrument :  
BNA\_G  
ClientSampleId :  
PB148901BL

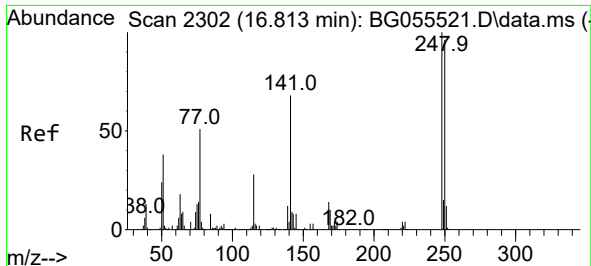
Tgt Ion:188 Resp: 440983  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.4 9.6  
80 9.8 7.6 11.4



#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.559 ng  
RT: 16.366 min Scan# 2226  
Delta R.T. 0.375 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

Tgt Ion:198 Resp: 709  
Ion Ratio Lower Upper  
198 100  
51 164.3 24.7 64.7#  
105 144.1 17.6 57.6#

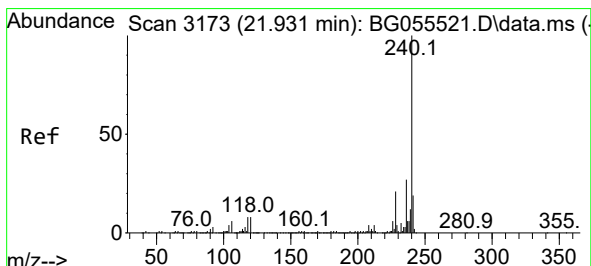
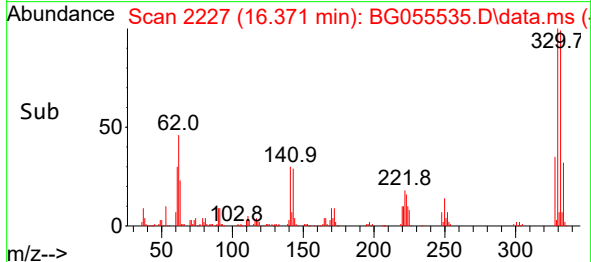
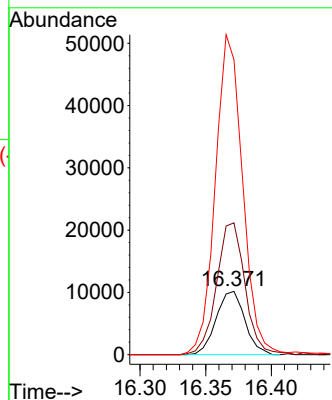
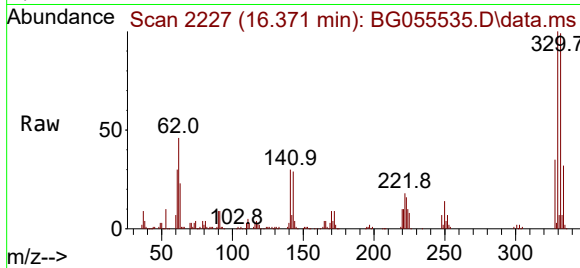




#67  
4-Bromophenyl-phenylether  
Concen: 3.433 ng  
RT: 16.371 min Scan# 21  
Delta R.T. -0.442 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

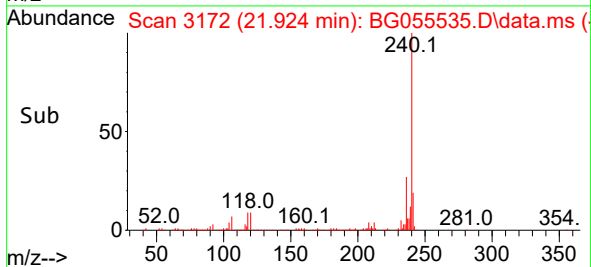
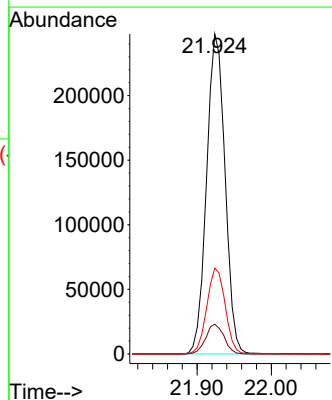
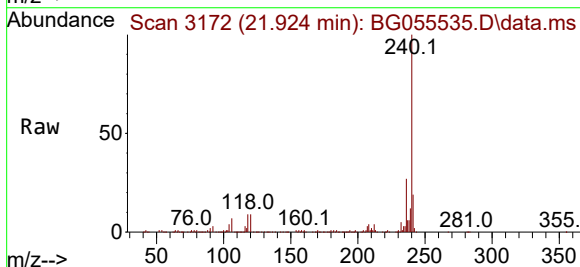
Instrument :  
BNA\_G  
ClientSampleId :  
PB148901BL

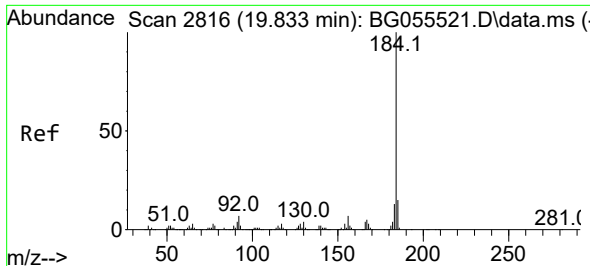
Tgt Ion:248 Resp: 15444  
Ion Ratio Lower Upper  
248 100  
250 207.8 76.9 115.3#  
141 465.3 54.3 81.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.924 min Scan# 3172  
Delta R.T. -0.007 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

Tgt Ion:240 Resp: 428655  
Ion Ratio Lower Upper  
240 100  
120 9.3 6.1 9.1#  
236 26.9 21.4 32.0

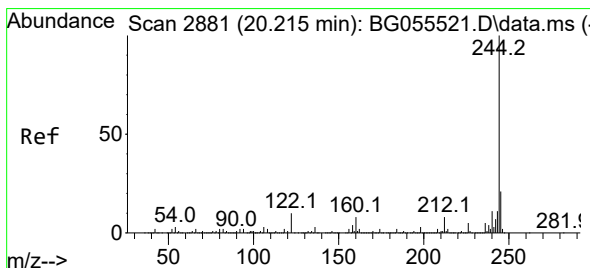
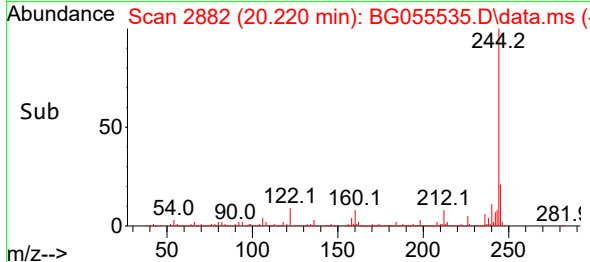
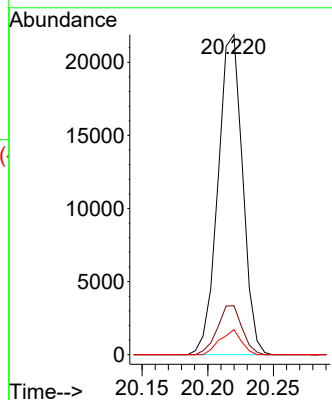
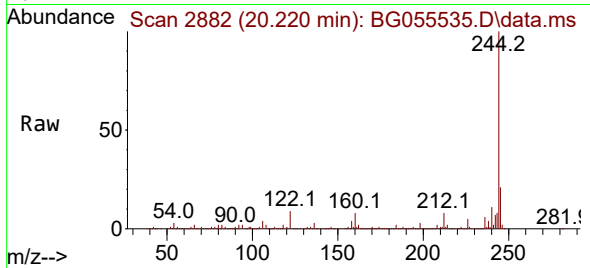




#77  
Benzidine  
Concen: 2.453 ng  
RT: 20.220 min Scan# 2816  
Delta R.T. 0.387 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

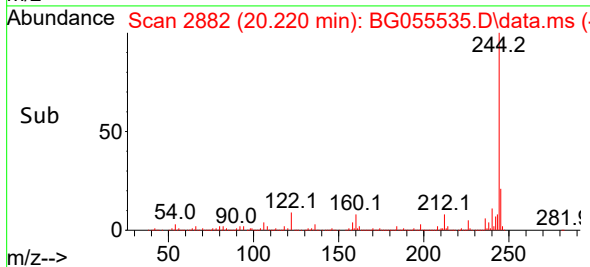
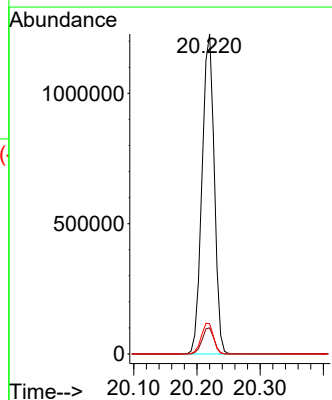
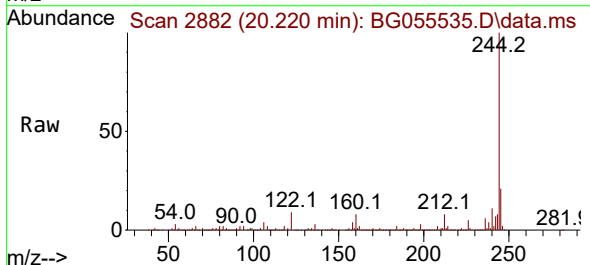
Instrument :  
BNA\_G  
ClientSampleId :  
PB148901BL

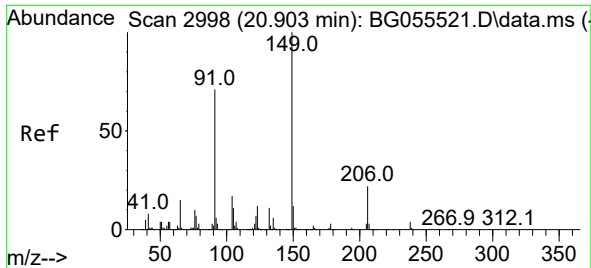
Tgt Ion:184 Resp: 28451  
Ion Ratio Lower Upper  
184 100  
185 15.3 12.0 18.0  
183 7.8 10.2 15.2#



#79  
Terphenyl-d14  
Concen: 77.405 ng  
RT: 20.220 min Scan# 2882  
Delta R.T. 0.005 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

Tgt Ion:244 Resp: 1651926  
Ion Ratio Lower Upper  
244 100  
212 8.2 6.5 9.7  
122 9.4 7.7 11.5

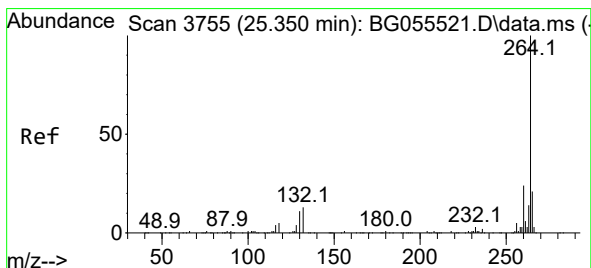
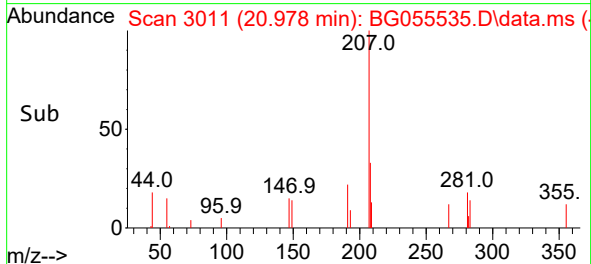
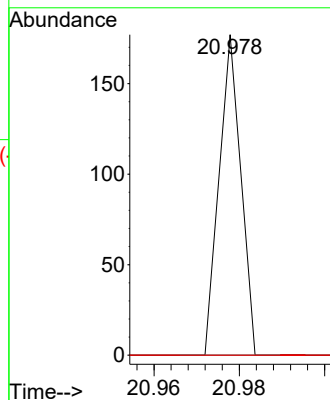
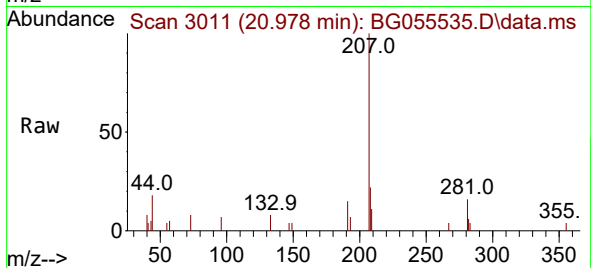




#80  
Butylbenzylphthalate  
Concen: 3.370 ng  
RT: 20.978 min Scan# 3011  
Delta R.T. 0.075 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB148901BL

Tgt Ion:149 Resp: 62  
Ion Ratio Lower Upper  
149 100  
91 0.0 56.8 85.2#  
206 0.0 17.3 25.9#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.349 min Scan# 3755  
Delta R.T. -0.001 min  
Lab File: BG055535.D  
Acq: 10 Nov 2022 11:43

Tgt Ion:264 Resp: 448895  
Ion Ratio Lower Upper  
264 100  
260 25.0 19.4 29.2  
265 21.0 17.1 25.7

