

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100821\  
 Data File : BG050514.D  
 Acq On : 8 Oct 2021 18:13  
 Operator : CG/JU  
 Sample : PB139654BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB139654BL

Quant Time: Oct 09 01:26:43 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 06 15:51:01 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.259  | 152  | 38469    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.085 | 136  | 158178   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.875 | 164  | 101972   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.619 | 188  | 243091   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.920 | 240  | 261897   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.334 | 264  | 250930   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.798  | 112  | 358953   | 139.55 | ng    | 0.00     |
| 7) Phenol-d6                | 7.396  | 99   | 479616   | 128.78 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.429  | 82   | 341143   | 89.28  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.362 | 330  | 134347   | 138.13 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.500 | 172  | 618873   | 91.34  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.210 | 244  | 1158427  | 86.20  | ng    | 0.00     |

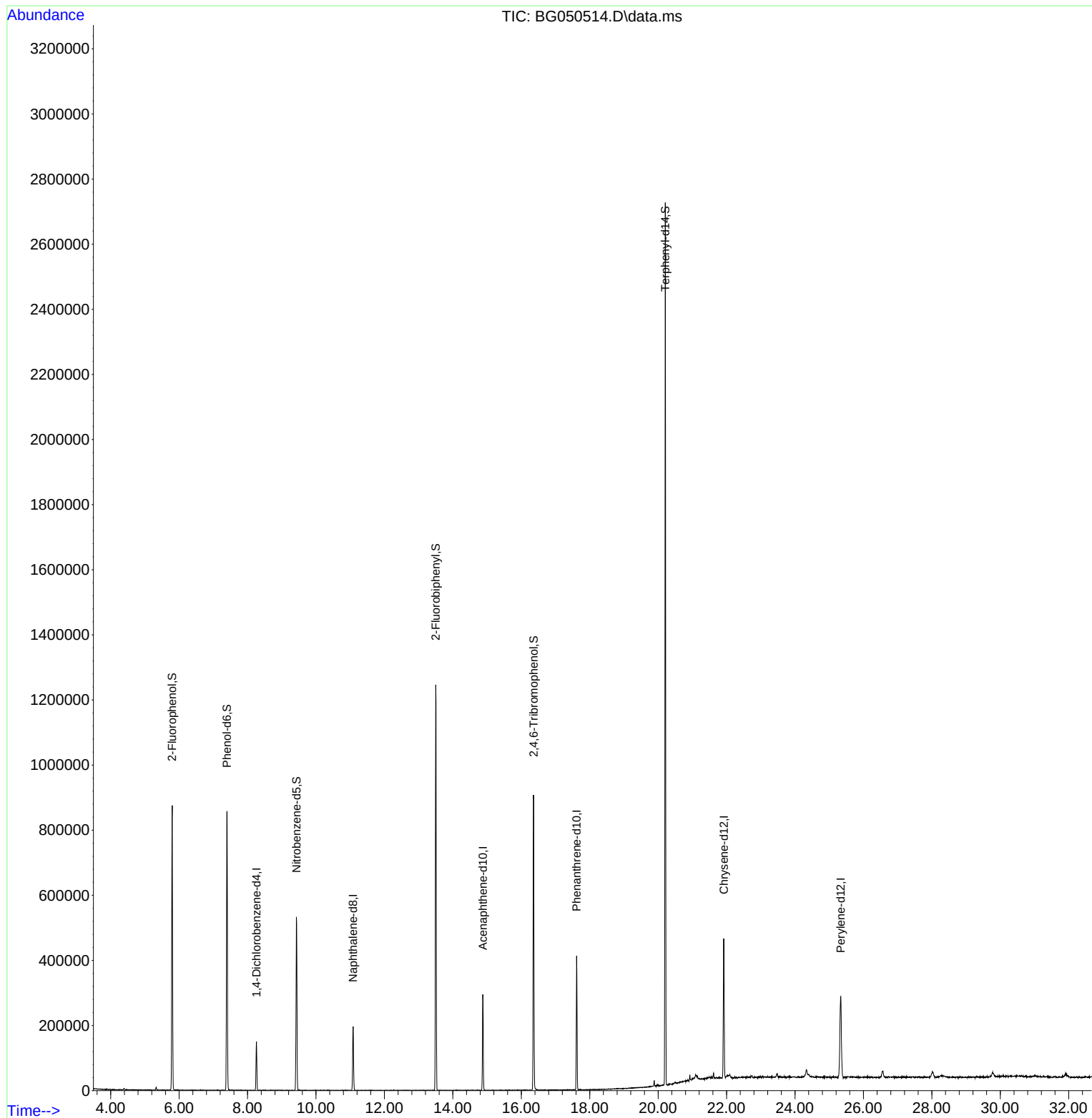
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

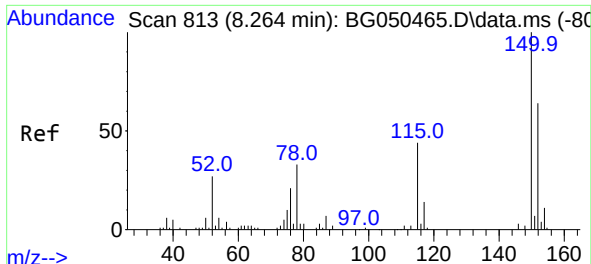
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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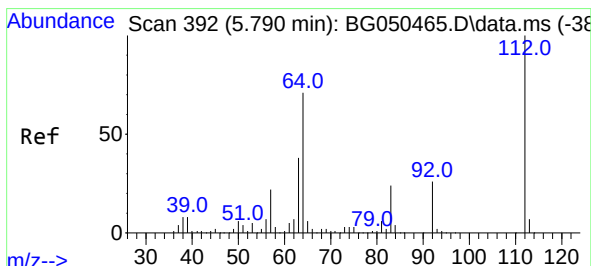
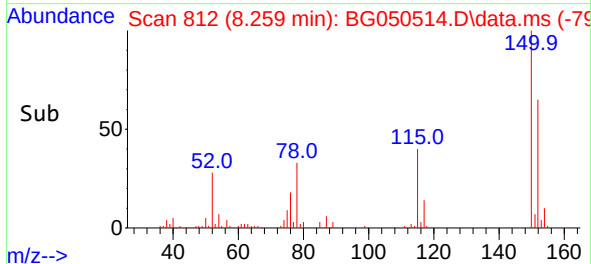
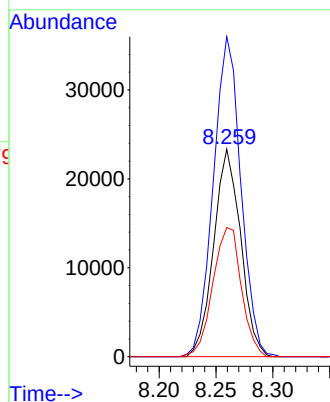
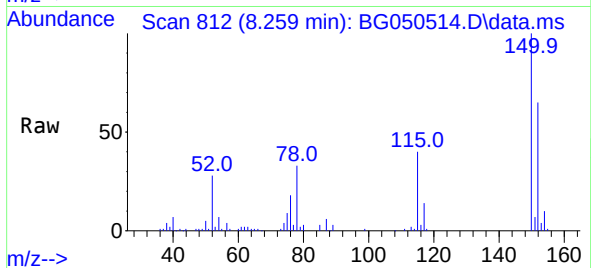




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.259 min Scan# 812  
Delta R.T. -0.005 min  
Lab File: BG050514.D  
Acq: 8 Oct 2021 18:13

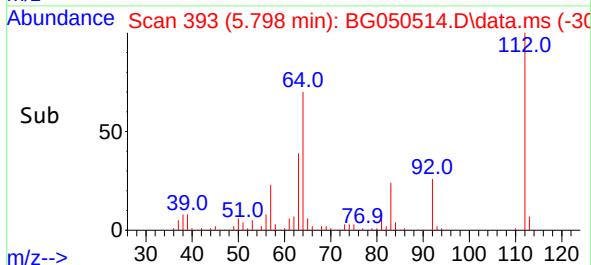
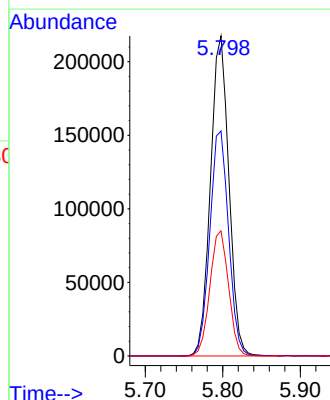
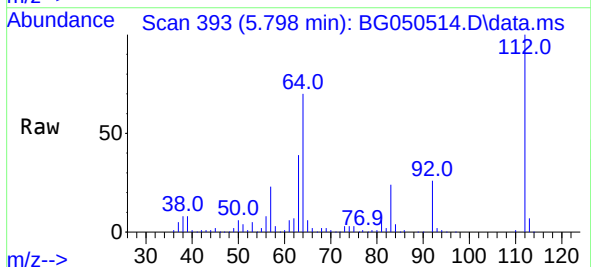
Instrument :  
BNA\_G  
ClientSampleId :  
PB139654BL

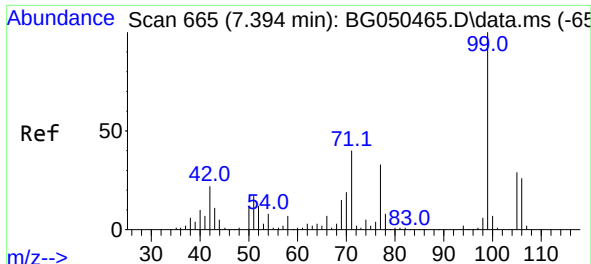
Tgt Ion:152 Resp: 38469  
Ion Ratio Lower Upper  
152 100  
150 154.2 119.4 179.0  
115 62.2 60.2 90.4



#5  
2-Fluorophenol  
Concen: 139.55 ng  
RT: 5.798 min Scan# 393  
Delta R.T. 0.008 min  
Lab File: BG050514.D  
Acq: 8 Oct 2021 18:13

Tgt Ion:112 Resp: 358953  
Ion Ratio Lower Upper  
112 100  
64 70.3 46.7 70.1#  
63 39.1 35.3 52.9

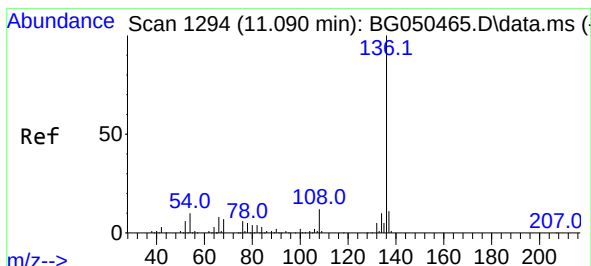
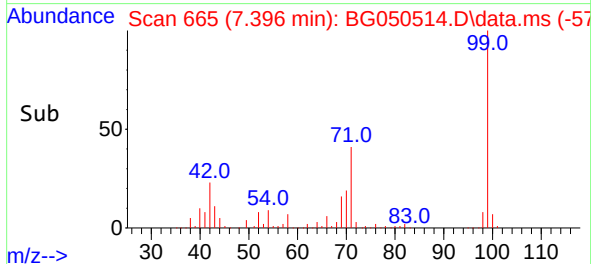
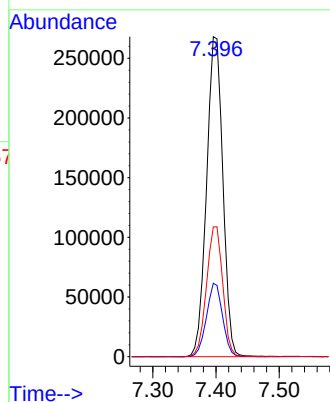
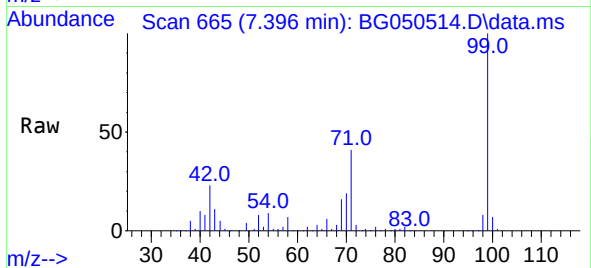




#7  
Phenol-d6  
Concen: 128.78 ng  
RT: 7.396 min Scan# 665  
Delta R.T. 0.002 min  
Lab File: BG050514.D  
Acq: 8 Oct 2021 18:13

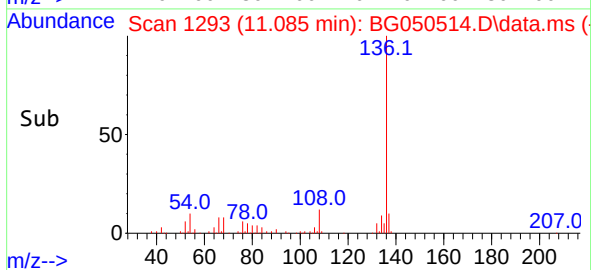
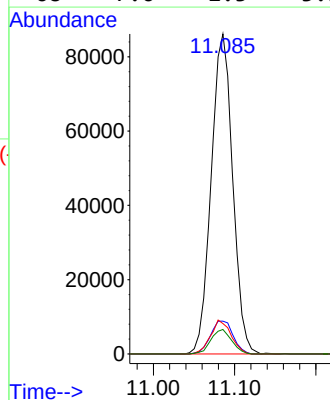
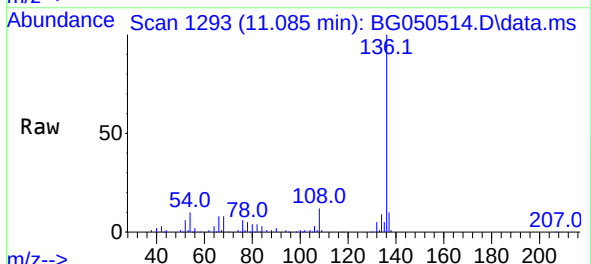
Instrument :  
BNA\_G  
ClientSampleId :  
PB139654BL

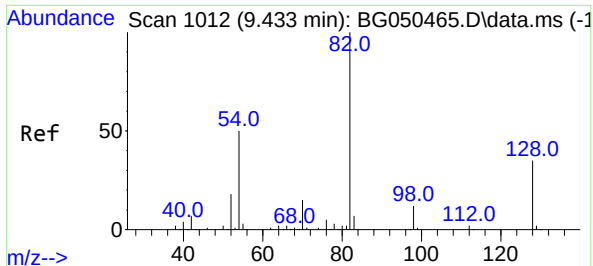
Tgt Ion: 99 Resp: 479616  
Ion Ratio Lower Upper  
99 100  
42 23.0 20.5 30.7  
71 40.5 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.085 min Scan# 1293  
Delta R.T. -0.004 min  
Lab File: BG050514.D  
Acq: 8 Oct 2021 18:13

Tgt Ion:136 Resp: 158178  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.2 12.2  
54 9.5 5.5 8.3#  
68 7.6 2.3 3.5#



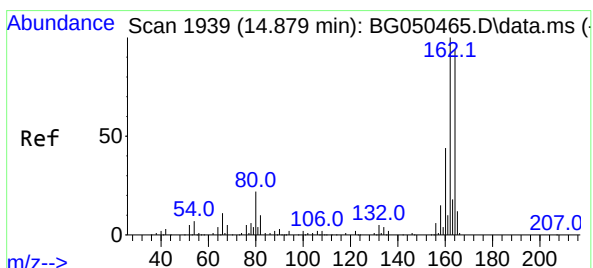
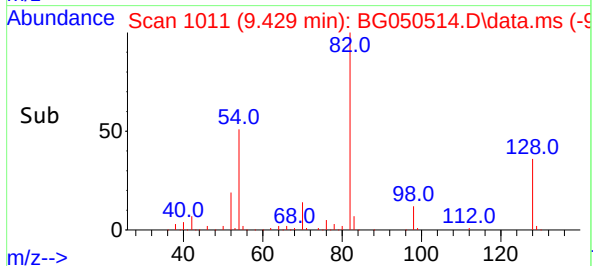
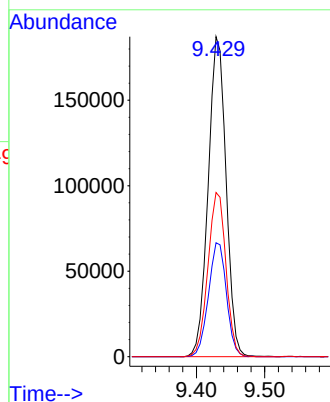
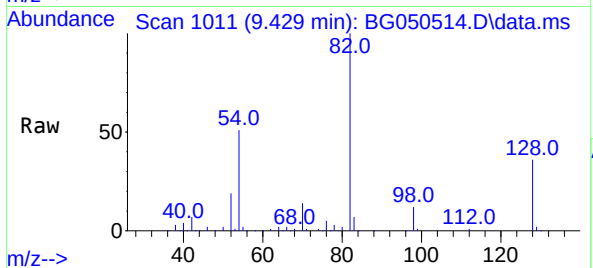


#23  
Nitrobenzene-d5  
Concen: 89.28 ng  
RT: 9.429 min Scan# 1011  
Delta R.T. -0.004 min  
Lab File: BG050514.D  
Acq: 8 Oct 2021 18:13

Instrument :  
BNA\_G  
ClientSampleId :  
PB139654BL

Tgt Ion: 82 Resp: 341143

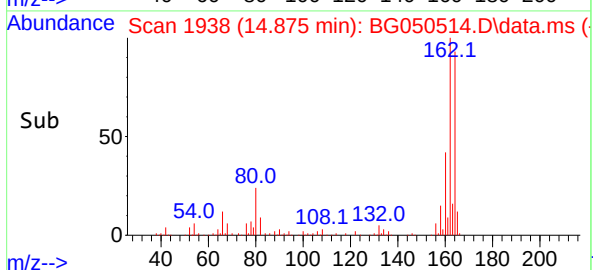
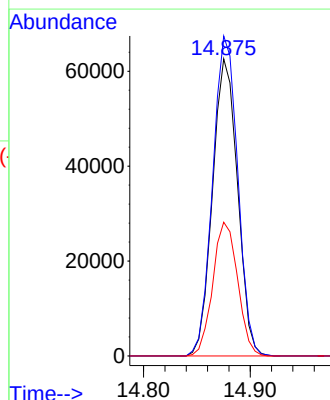
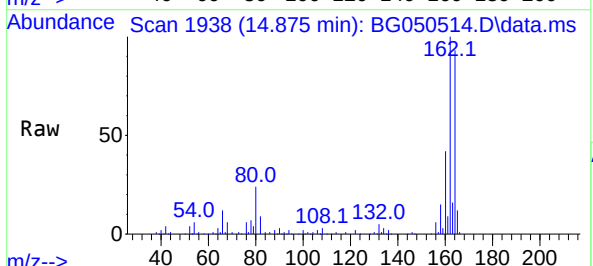
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 35.6  | 29.8  | 44.6  |
| 54  | 51.3  | 45.8  | 68.8  |

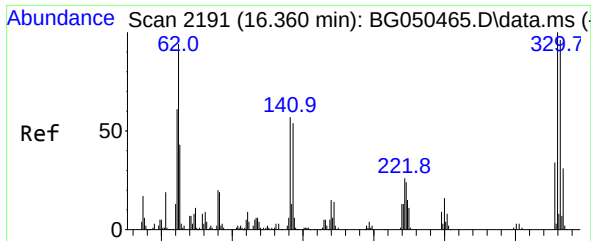


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.875 min Scan# 1938  
Delta R.T. -0.004 min  
Lab File: BG050514.D  
Acq: 8 Oct 2021 18:13

Tgt Ion: 164 Resp: 101972

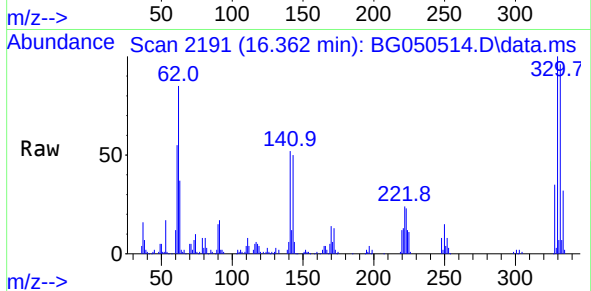
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 107.7 | 81.4  | 122.0 |
| 160 | 45.0  | 34.9  | 52.3  |



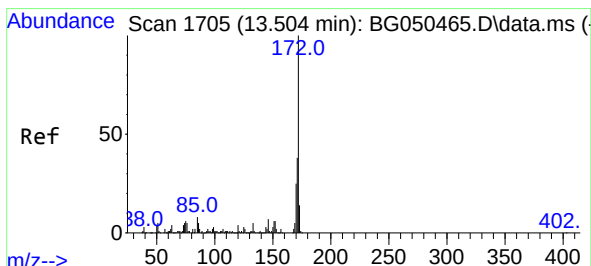
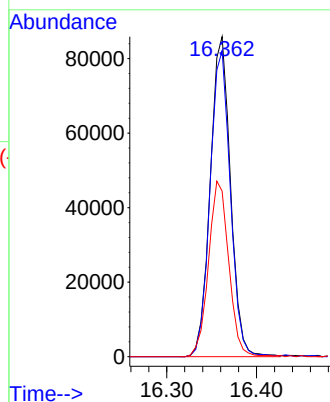
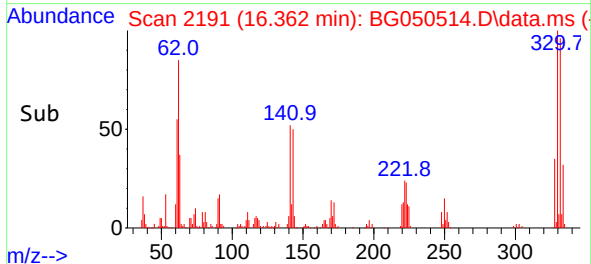


#42  
2,4,6-Tribromophenol  
Concen: 138.13 ng  
RT: 16.362 min Scan# 2191  
Delta R.T. 0.002 min  
Lab File: BG050514.D  
Acq: 8 Oct 2021 18:13

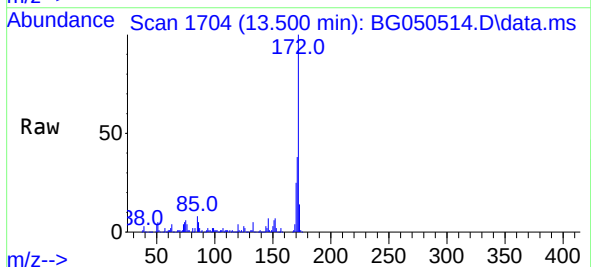
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ClientSampleId :  
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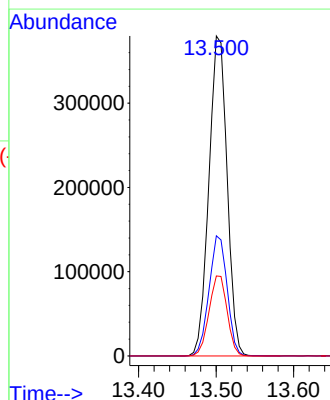
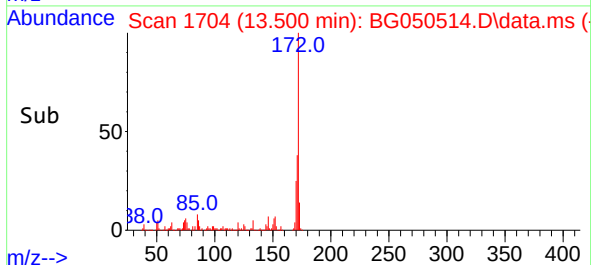
Tgt Ion:330 Resp: 134347  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.3 115.9  
141 55.0 35.6 53.4#

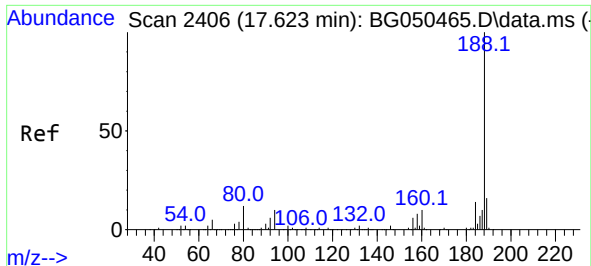


#45  
2-Fluorobiphenyl  
Concen: 91.34 ng  
RT: 13.500 min Scan# 1704  
Delta R.T. -0.004 min  
Lab File: BG050514.D  
Acq: 8 Oct 2021 18:13



Tgt Ion:172 Resp: 618873  
Ion Ratio Lower Upper  
172 100  
171 37.5 28.6 43.0  
170 25.0 18.6 27.8

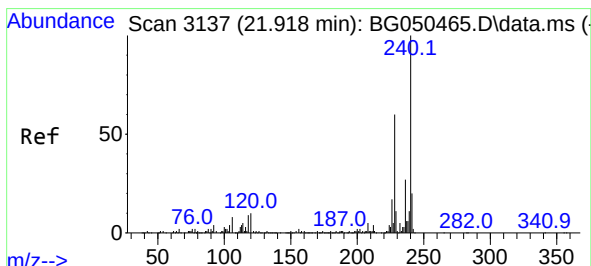
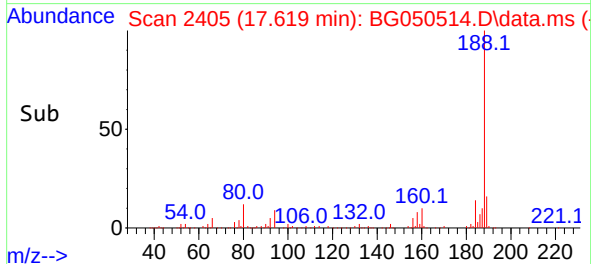
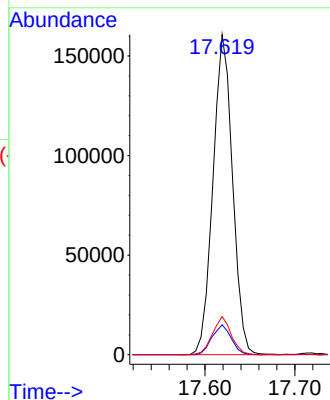
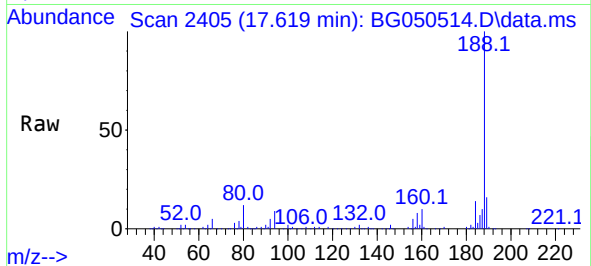




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.619 min Scan# 2405  
Delta R.T. -0.004 min  
Lab File: BG050514.D  
Acq: 8 Oct 2021 18:13

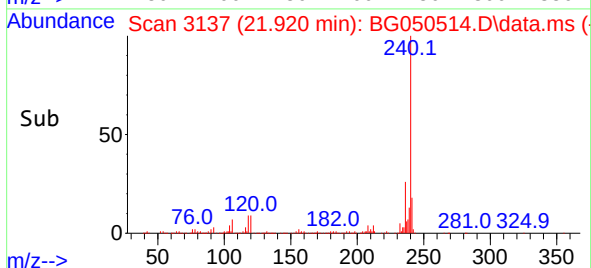
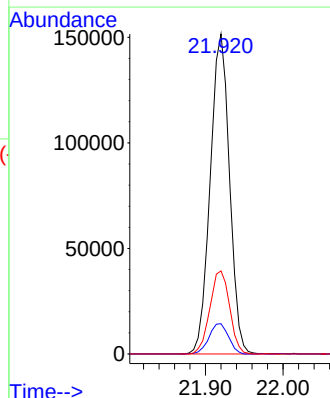
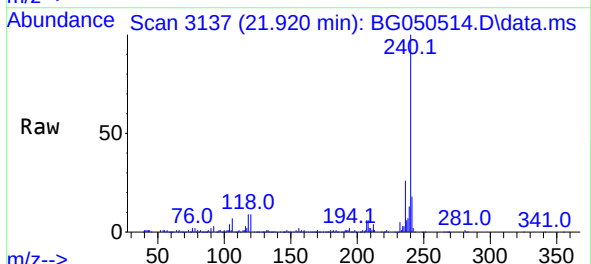
Instrument :  
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ClientSampleId :  
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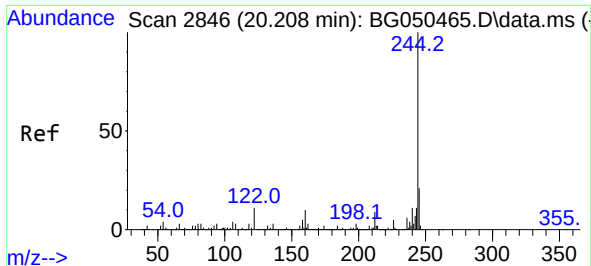
Tgt Ion:188 Resp: 243091  
Ion Ratio Lower Upper  
188 100  
94 9.4 5.4 8.0#  
80 11.9 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.920 min Scan# 3137  
Delta R.T. 0.002 min  
Lab File: BG050514.D  
Acq: 8 Oct 2021 18:13

Tgt Ion:240 Resp: 261897  
Ion Ratio Lower Upper  
240 100  
120 9.4 4.2 6.2#  
236 25.9 21.8 32.6

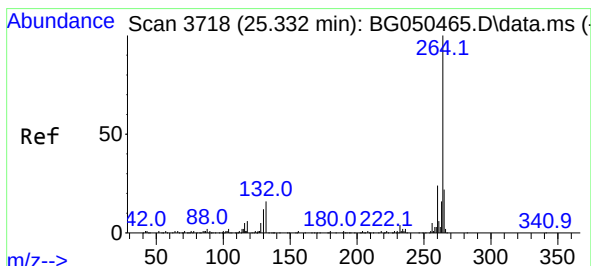
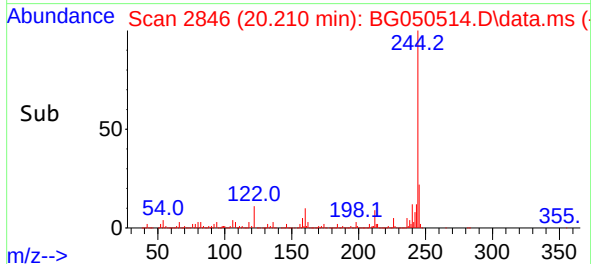
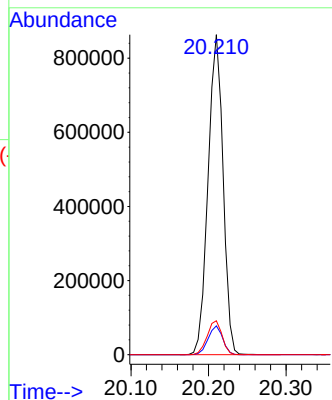
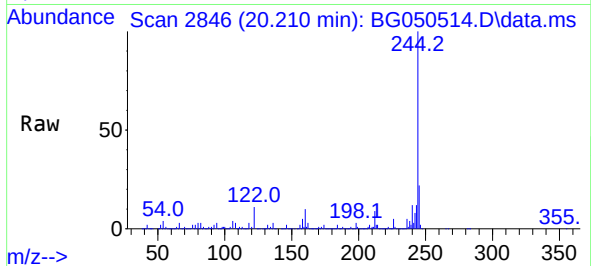




#79  
Terphenyl-d14  
Concen: 86.20 ng  
RT: 20.210 min Scan# 2846  
Delta R.T. 0.002 min  
Lab File: BG050514.D  
Acq: 8 Oct 2021 18:13

Instrument :  
BNA\_G  
ClientSampleId :  
PB139654BL

Tgt Ion:244 Resp: 1158427  
Ion Ratio Lower Upper  
244 100  
212 9.0 6.9 10.3  
122 10.6 5.0 7.6#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.334 min Scan# 3718  
Delta R.T. 0.002 min  
Lab File: BG050514.D  
Acq: 8 Oct 2021 18:13

Tgt Ion:264 Resp: 250930  
Ion Ratio Lower Upper  
264 100  
260 25.1 19.4 29.2  
265 21.6 16.9 25.3

