

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102621\  
 Data File : BG050726.D  
 Acq On : 26 Oct 2021 10:16  
 Operator : CG/JU  
 Sample : PB140166BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB140166BL

Quant Time: Oct 26 11:29:44 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.249  | 152  | 35880    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.075 | 136  | 158542   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.871 | 164  | 108290   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.614 | 188  | 237422   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.921 | 240  | 191189   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.341 | 264  | 182222   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.793  | 112  | 336140   | 140.108 | ng    | 0.00     |
| 7) Phenol-d6                | 7.397  | 99   | 444164   | 127.871 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.424  | 82   | 310793   | 81.149  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.357 | 330  | 131547   | 127.357 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.496 | 172  | 595800   | 82.805  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.205 | 244  | 911506   | 92.911  | ng    | 0.00     |

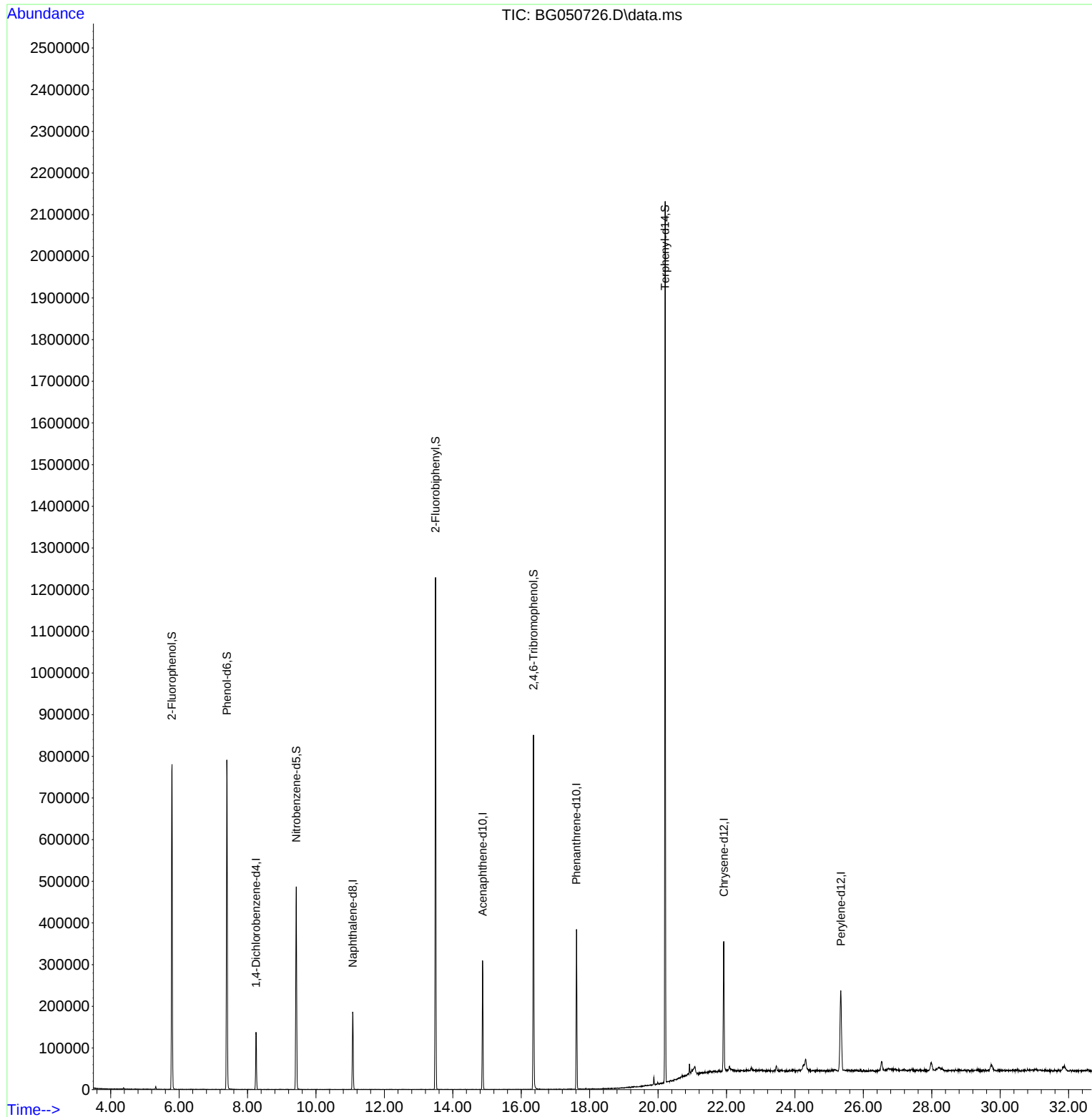
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

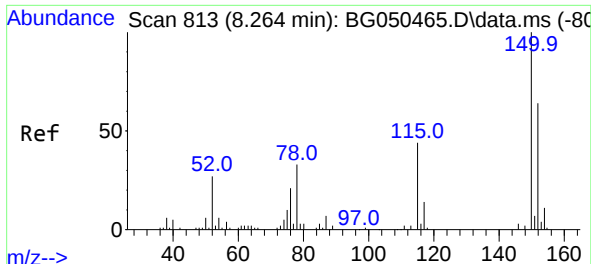
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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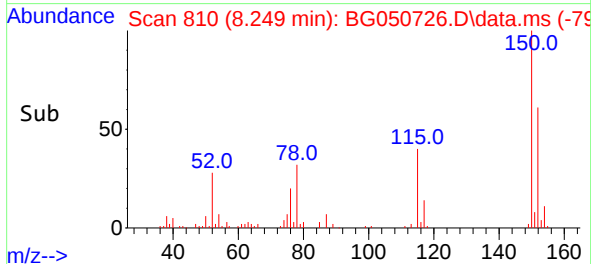
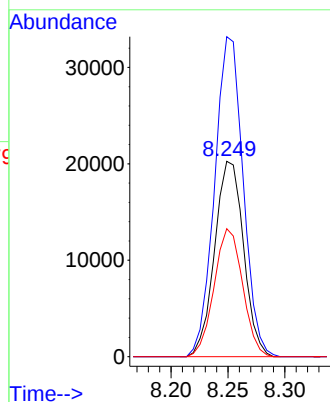
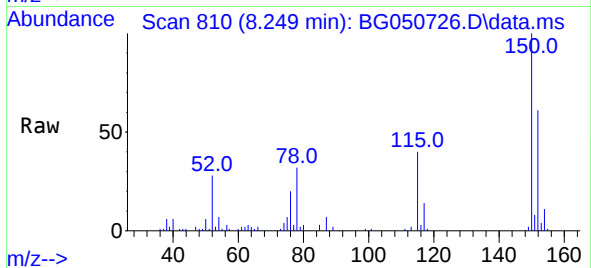




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.249 min Scan# 810  
Delta R.T. -0.009 min  
Lab File: BG050726.D  
Acq: 26 Oct 2021 10:16

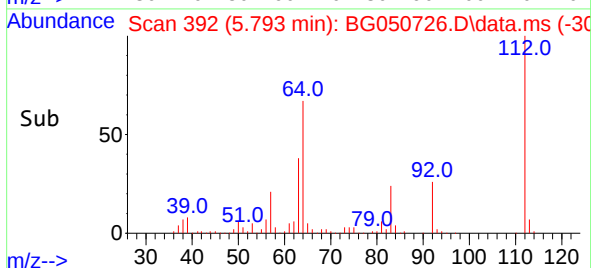
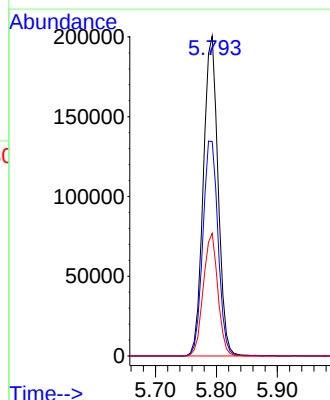
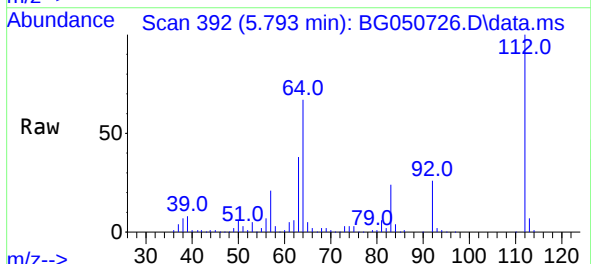
Instrument :  
BNA\_G  
ClientSampleId :  
PB140166BL

Tgt Ion:152 Resp: 35880  
Ion Ratio Lower Upper  
152 100  
150 163.7 119.4 179.0  
115 65.5 60.2 90.4



#5  
2-Fluorophenol  
Concen: 140.108 ng  
RT: 5.793 min Scan# 392  
Delta R.T. 0.002 min  
Lab File: BG050726.D  
Acq: 26 Oct 2021 10:16

Tgt Ion:112 Resp: 336140  
Ion Ratio Lower Upper  
112 100  
64 67.0 46.7 70.1  
63 38.3 35.3 52.9

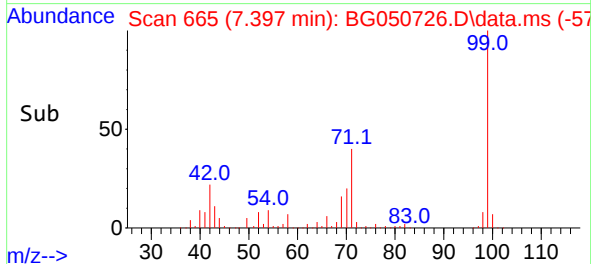
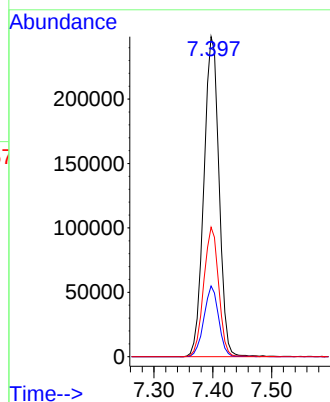
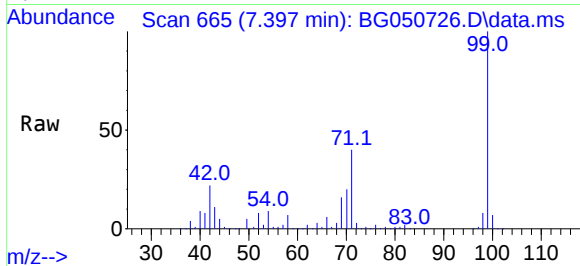




#7  
Phenol-d6  
Concen: 127.871 ng  
RT: 7.397 min Scan# 665  
Delta R.T. -0.004 min  
Lab File: BG050726.D  
Acq: 26 Oct 2021 10:16

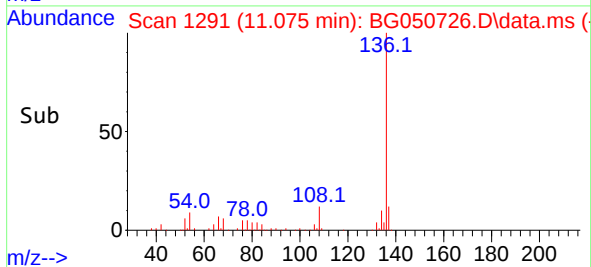
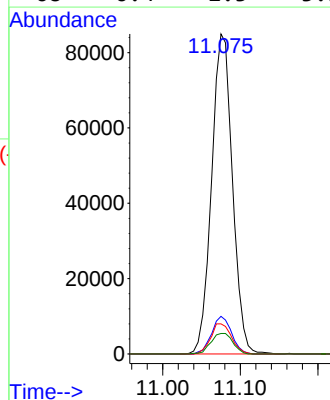
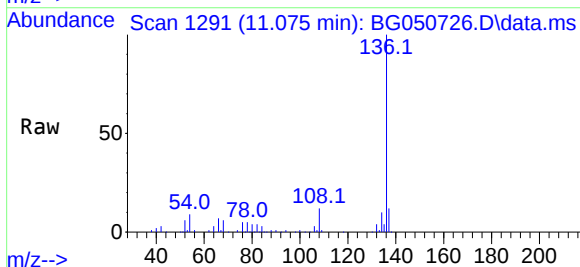
Instrument :  
BNA\_G  
ClientSampleId :  
PB140166BL

Tgt Ion: 99 Resp: 444164  
Ion Ratio Lower Upper  
99 100  
42 22.1 20.5 30.7  
71 40.5 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.075 min Scan# 1291  
Delta R.T. -0.009 min  
Lab File: BG050726.D  
Acq: 26 Oct 2021 10:16

Tgt Ion:136 Resp: 158542  
Ion Ratio Lower Upper  
136 100  
137 11.8 8.2 12.2  
54 9.4 5.5 8.3#  
68 6.4 2.3 3.5#

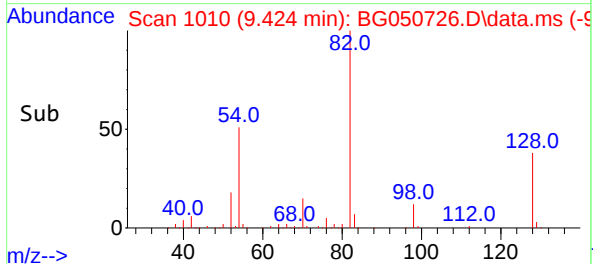
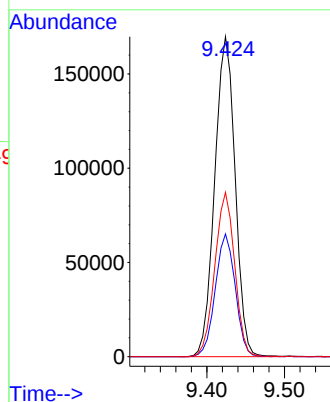
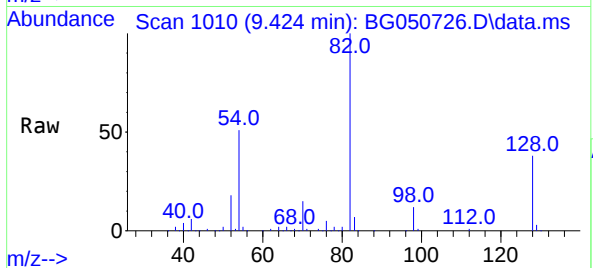




#23  
Nitrobenzene-d5  
Concen: 81.149 ng  
RT: 9.424 min Scan# 1010  
Delta R.T. -0.004 min  
Lab File: BG050726.D  
Acq: 26 Oct 2021 10:16

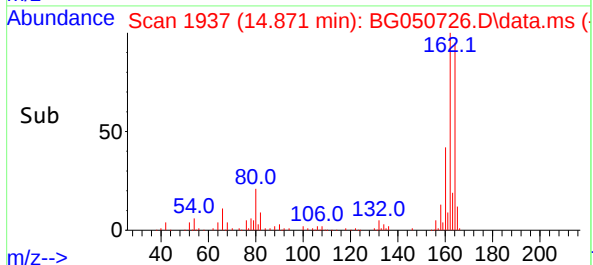
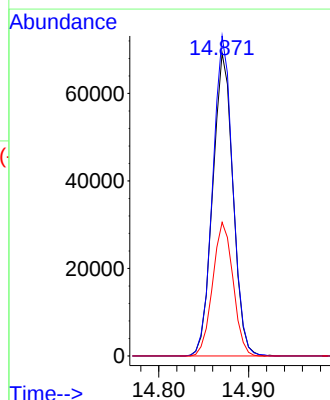
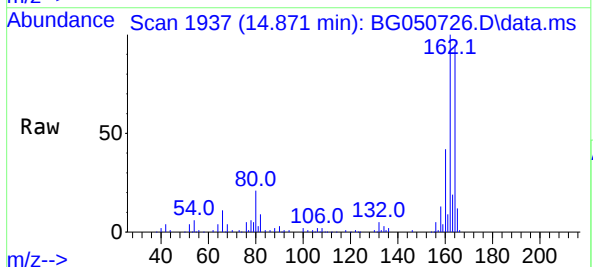
Instrument :  
BNA\_G  
ClientSampleId :  
PB140166BL

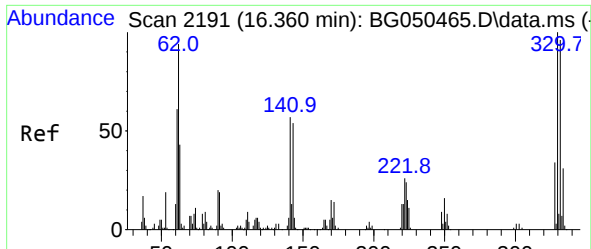
Tgt Ion: 82 Resp: 310793  
Ion Ratio Lower Upper  
82 100  
128 38.3 29.8 44.6  
54 51.3 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.871 min Scan# 1937  
Delta R.T. -0.004 min  
Lab File: BG050726.D  
Acq: 26 Oct 2021 10:16

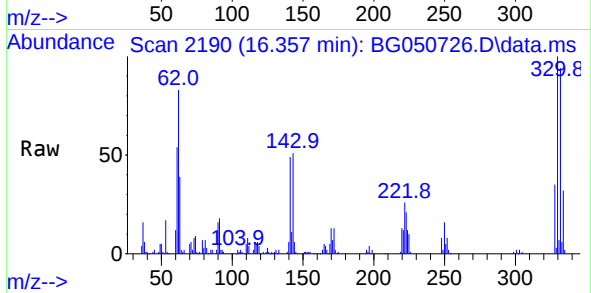
Tgt Ion:164 Resp: 108290  
Ion Ratio Lower Upper  
164 100  
162 105.7 81.4 122.0  
160 44.1 34.9 52.3



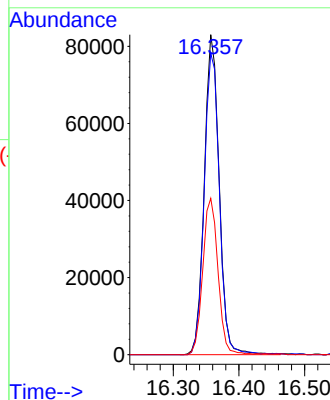
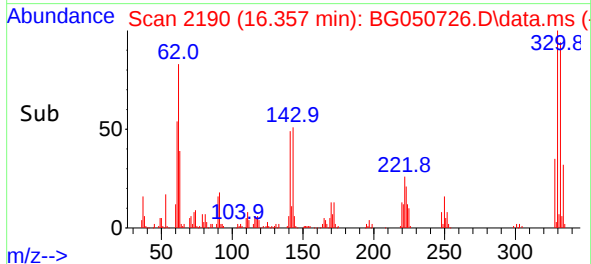


#42  
2,4,6-Tribromophenol  
Concen: 127.357 ng  
RT: 16.357 min Scan# 2190  
Delta R.T. -0.004 min  
Lab File: BG050726.D  
Acq: 26 Oct 2021 10:16

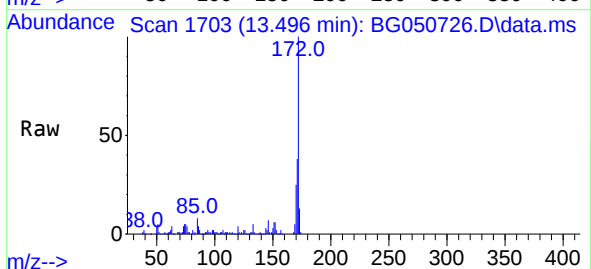
Instrument :  
BNA\_G  
ClientSampleId :  
PB140166BL



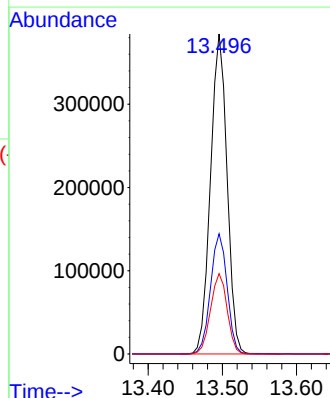
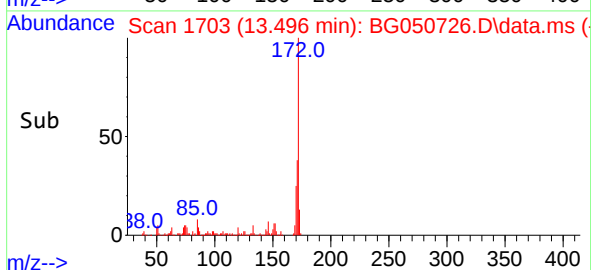
Tgt Ion:330 Resp: 131547  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.3 115.9  
141 49.7 35.6 53.4

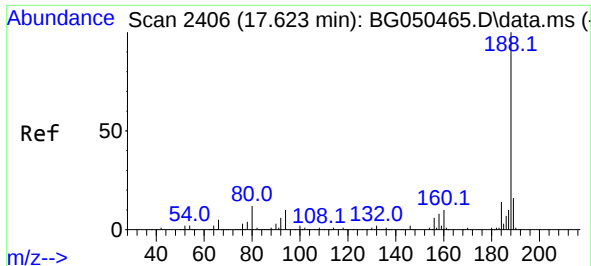


#45  
2-Fluorobiphenyl  
Concen: 82.805 ng  
RT: 13.496 min Scan# 1703  
Delta R.T. -0.009 min  
Lab File: BG050726.D  
Acq: 26 Oct 2021 10:16



Tgt Ion:172 Resp: 595800  
Ion Ratio Lower Upper  
172 100  
171 37.6 28.6 43.0  
170 25.1 18.6 27.8

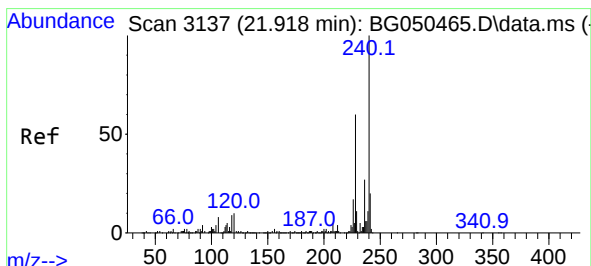
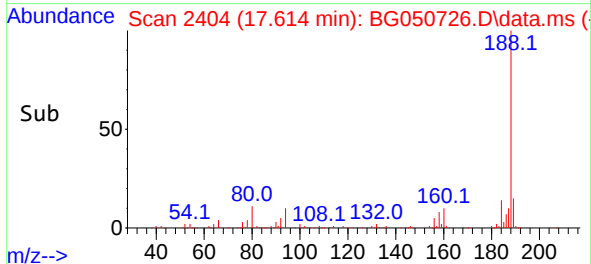
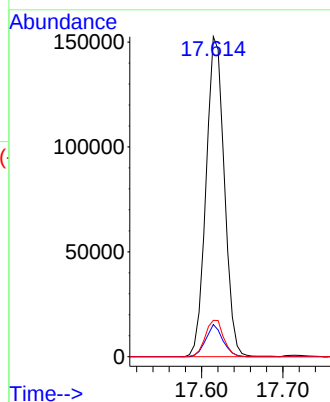
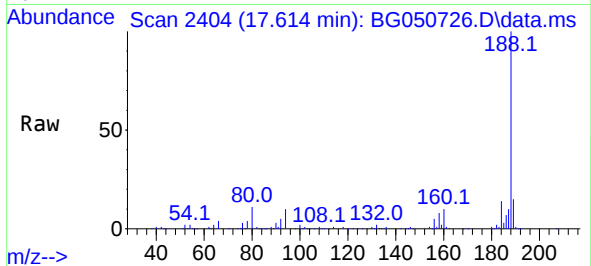




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.614 min Scan# 2404  
Delta R.T. -0.004 min  
Lab File: BG050726.D  
Acq: 26 Oct 2021 10:16

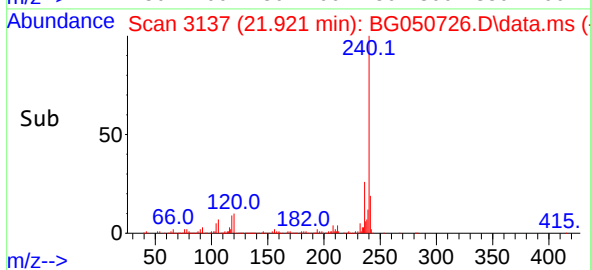
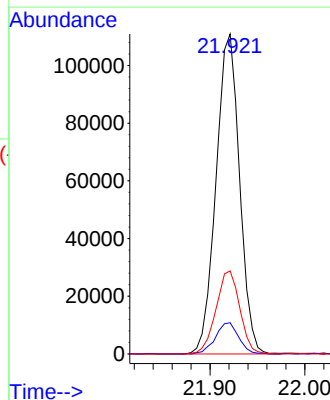
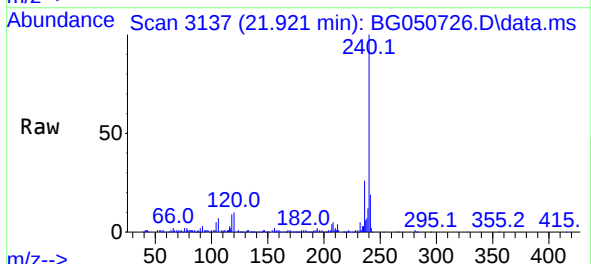
Instrument :  
BNA\_G  
ClientSampleId :  
PB140166BL

Tgt Ion:188 Resp: 237422  
Ion Ratio Lower Upper  
188 100  
94 10.1 5.4 8.0#  
80 11.4 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.921 min Scan# 3137  
Delta R.T. -0.004 min  
Lab File: BG050726.D  
Acq: 26 Oct 2021 10:16

Tgt Ion:240 Resp: 191189  
Ion Ratio Lower Upper  
240 100  
120 9.7 4.2 6.2#  
236 26.0 21.8 32.6

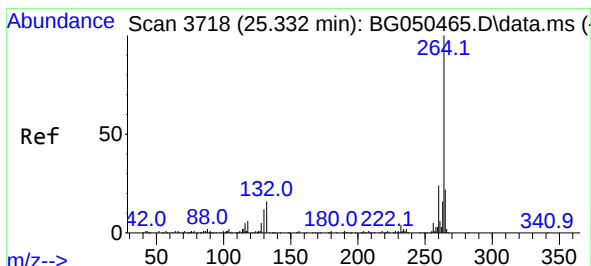
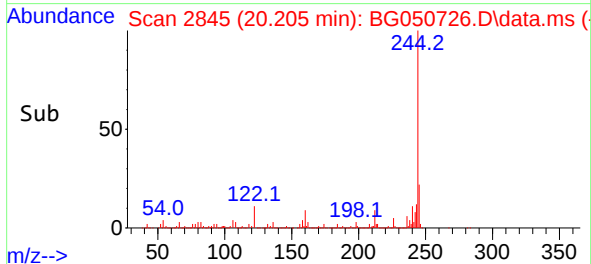
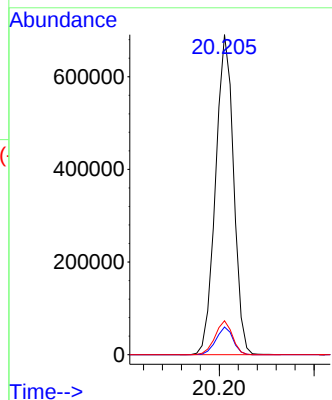
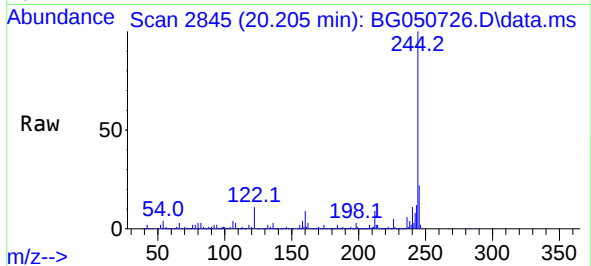




#79  
 Terphenyl-d14  
 Concen: 92.911 ng  
 RT: 20.205 min Scan# 2845  
 Delta R.T. -0.004 min  
 Lab File: BG050726.D  
 Acq: 26 Oct 2021 10:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB140166BL

Tgt Ion:244 Resp: 911506  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 6.9 10.3  
 122 10.6 5.0 7.6#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.341 min Scan# 3719  
 Delta R.T. 0.008 min  
 Lab File: BG050726.D  
 Acq: 26 Oct 2021 10:16

Tgt Ion:264 Resp: 182222  
 Ion Ratio Lower Upper  
 264 100  
 260 25.3 19.4 29.2  
 265 21.1 16.9 25.3

