

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG123120\  
 Data File : BG047850.D  
 Acq On : 31 Dec 2020 16:12  
 Operator : CG/JU  
 Sample : PB133886TB  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB133886TB

Quant Time: Dec 31 16:58:50 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG121720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 17 15:55:16 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.200  | 152  | 35708    | 20.00  | ng    | # 0.00   |
| 21) Naphthalene-d8          | 11.020 | 136  | 142518   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.821 | 164  | 113171   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.559 | 188  | 292984   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.831 | 240  | 274893   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.174 | 264  | 268648   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.726  | 112  | 235728   | 114.20 | ng    | 0.00     |
| 7) Phenol-d6                | 7.342  | 99   | 321676   | 106.61 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.369  | 82   | 257542   | 66.47  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.302 | 330  | 205781   | 106.51 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.447 | 172  | 581578   | 66.50  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.139 | 244  | 1078211  | 64.63  | ng    | 0.00     |

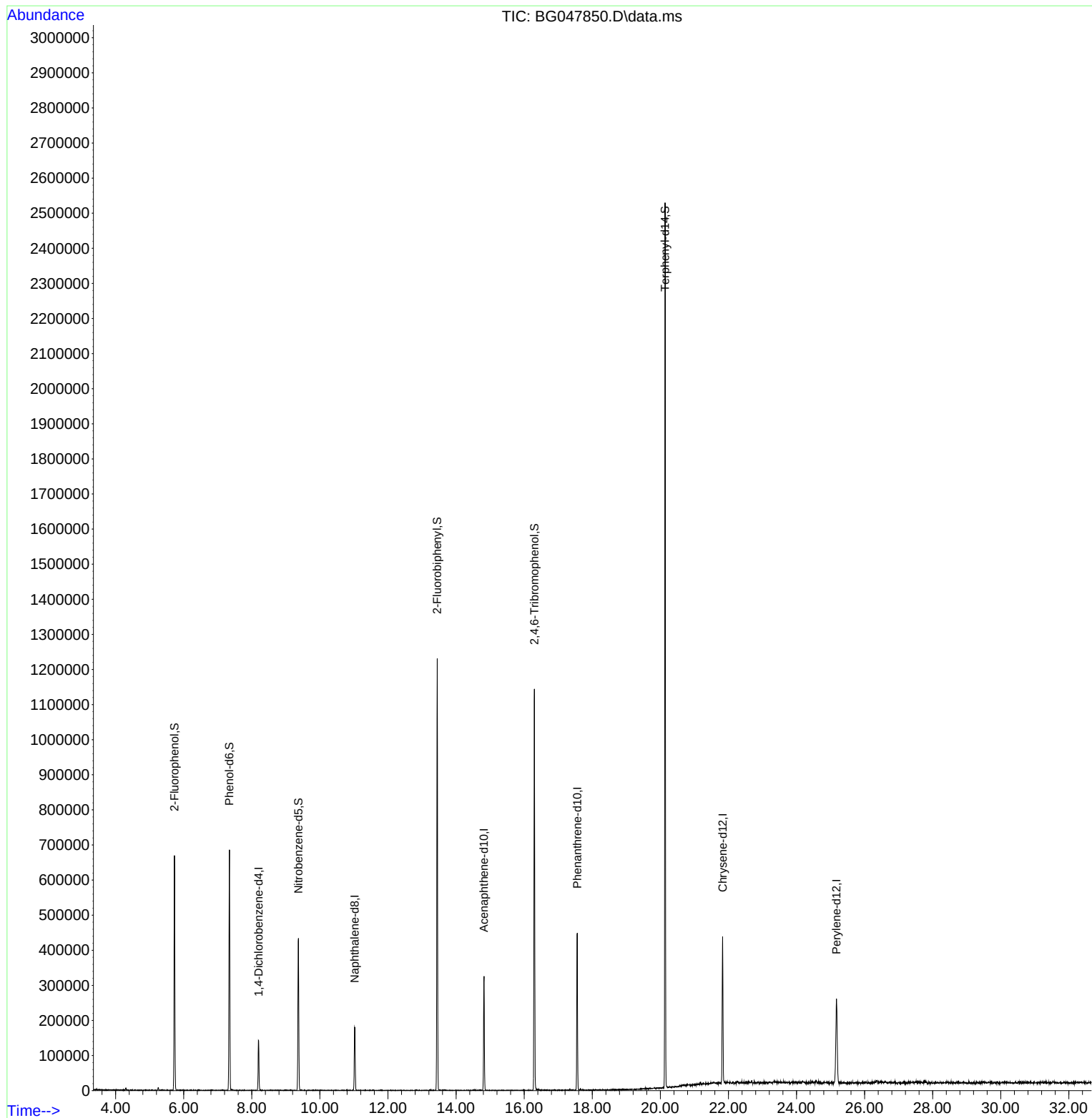
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

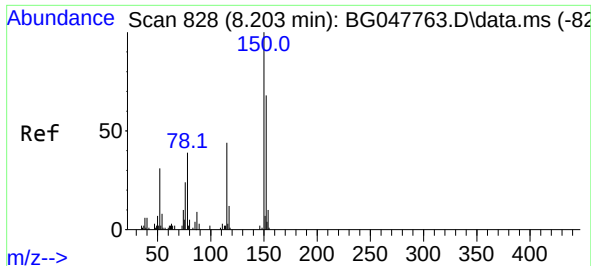
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG123120\  
Data File : BG047850.D  
Acq On : 31 Dec 2020 16:12  
Operator : CG/JU  
Sample : PB133886TB  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB133886TB

Quant Time: Dec 31 16:58:50 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG121720.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 17 15:55:16 2020  
Response via : Initial Calibration

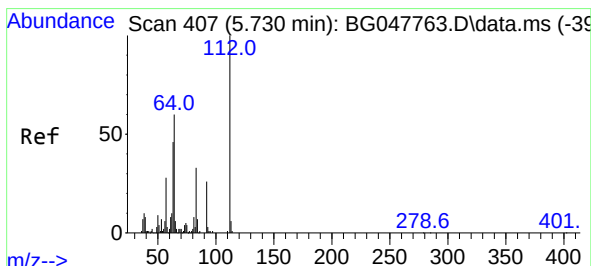
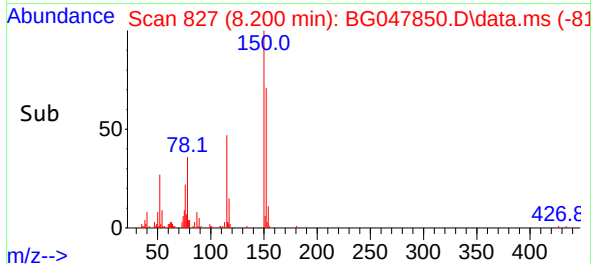
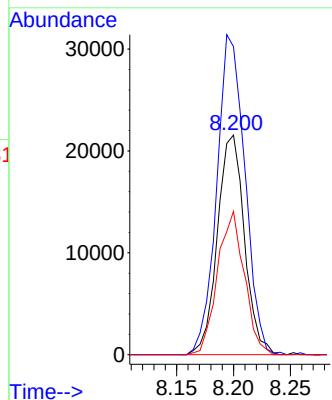
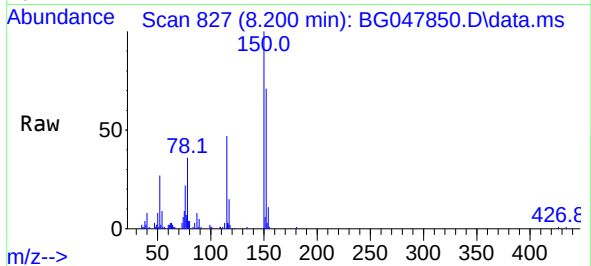




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.200 min Scan# 827  
Delta R.T. -0.003 min  
Lab File: BG047850.D  
Acq: 31 Dec 2020 16:12

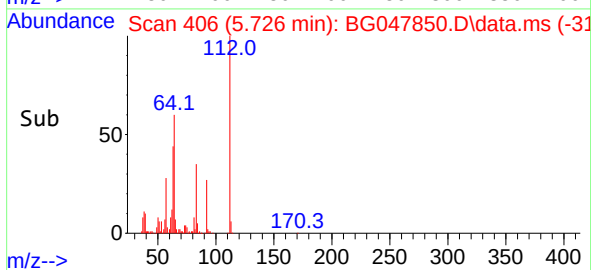
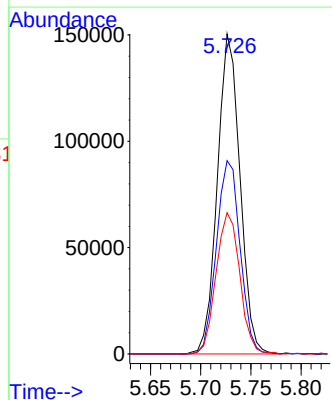
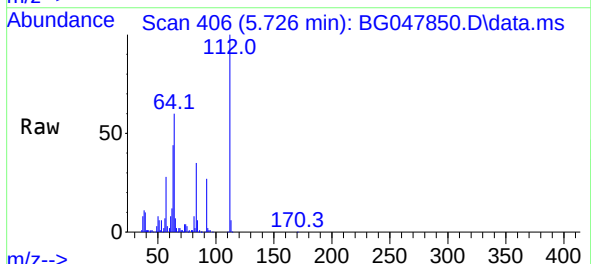
Instrument :  
BNA\_G  
ClientSampleId :  
PB133886TB

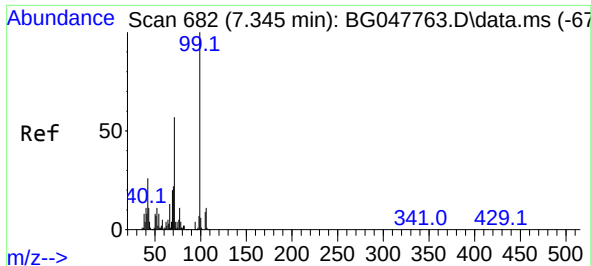
Tgt Ion:152 Resp: 35708  
Ion Ratio Lower Upper  
152 100  
150 140.3 125.0 187.6  
115 65.3 41.8 62.6#



#5  
2-Fluorophenol  
Concen: 114.20 ng  
RT: 5.726 min Scan# 406  
Delta R.T. -0.003 min  
Lab File: BG047850.D  
Acq: 31 Dec 2020 16:12

Tgt Ion:112 Resp: 235728  
Ion Ratio Lower Upper  
112 100  
64 60.4 46.7 70.1  
63 44.1 22.8 34.2#

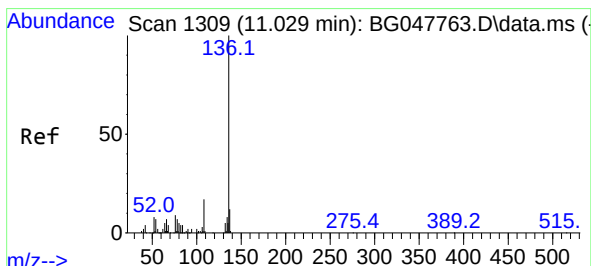
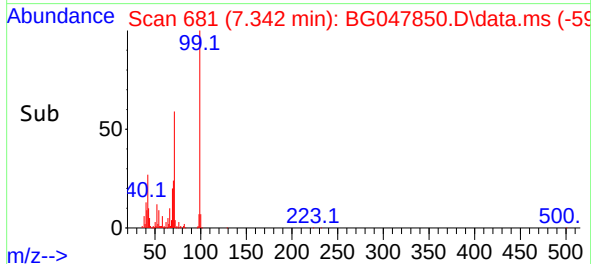
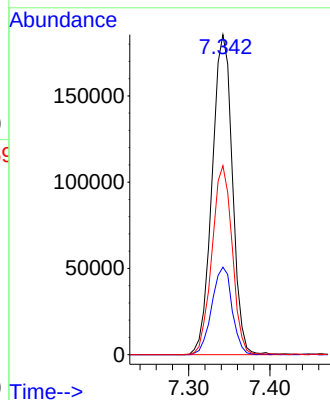
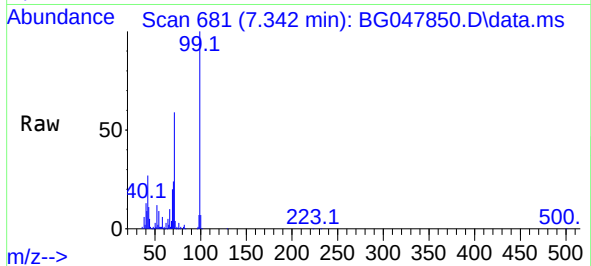




#7  
Phenol-d6  
Concen: 106.61 ng  
RT: 7.342 min Scan# 681  
Delta R.T. -0.003 min  
Lab File: BG047850.D  
Acq: 31 Dec 2020 16:12

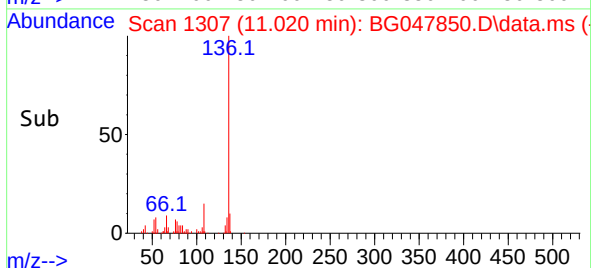
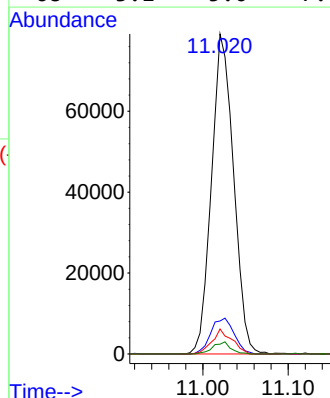
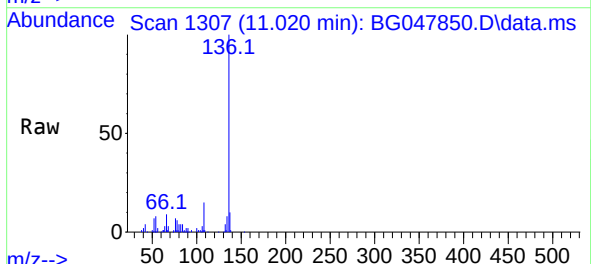
Instrument :  
BNA\_G  
ClientSampleId :  
PB133886TB

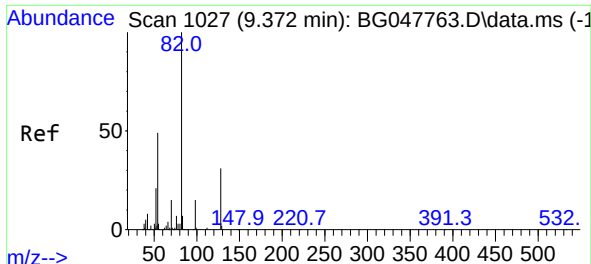
Tgt Ion: 99 Resp: 321676  
Ion Ratio Lower Upper  
99 100  
42 27.4 12.8 19.2#  
71 59.1 24.6 36.8#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.020 min Scan# 1307  
Delta R.T. -0.009 min  
Lab File: BG047850.D  
Acq: 31 Dec 2020 16:12

Tgt Ion:136 Resp: 142518  
Ion Ratio Lower Upper  
136 100  
137 10.3 9.1 13.7  
54 7.8 6.2 9.4  
68 3.1 5.0 7.4#

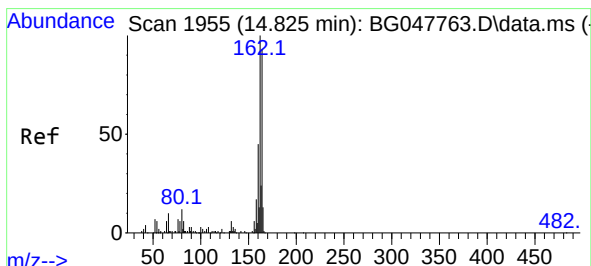
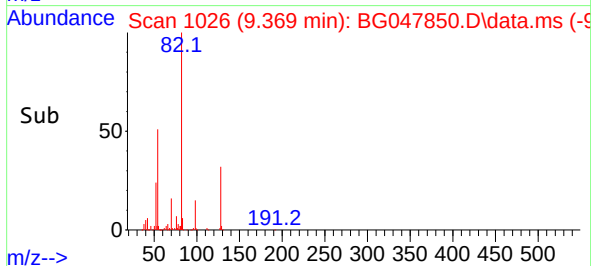
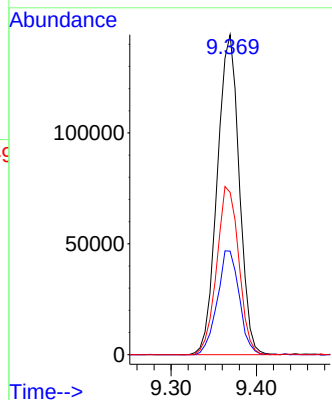
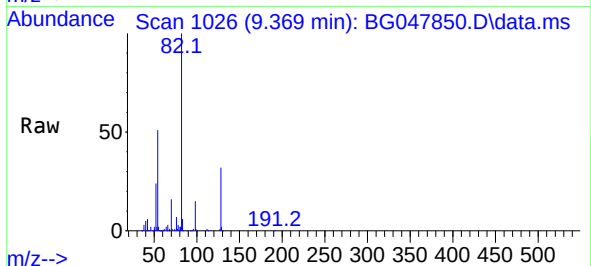




#23  
Nitrobenzene-d5  
Concen: 66.47 ng  
RT: 9.369 min Scan# 1026  
Delta R.T. -0.003 min  
Lab File: BG047850.D  
Acq: 31 Dec 2020 16:12

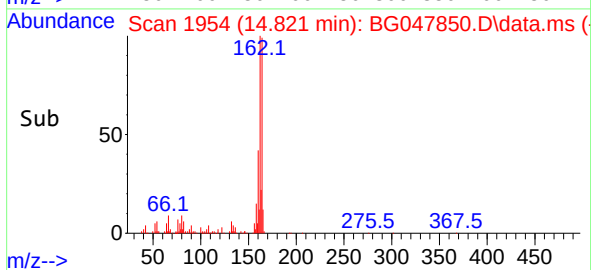
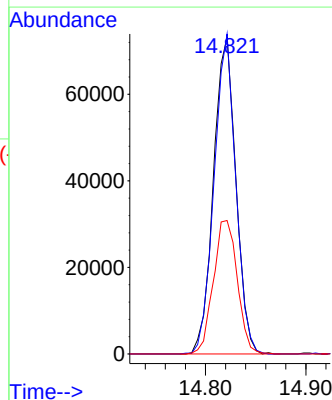
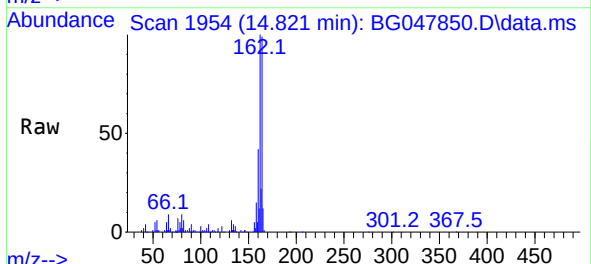
Instrument :  
BNA\_G  
ClientSampleId :  
PB133886TB

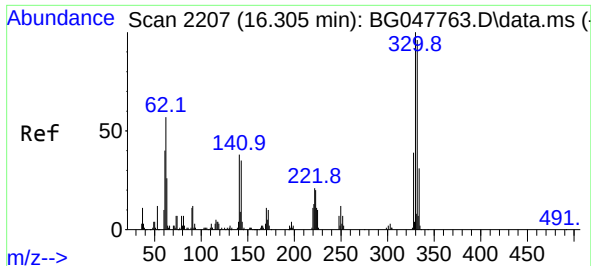
Tgt Ion: 82 Resp: 257542  
Ion Ratio Lower Upper  
82 100  
128 32.4 37.0 55.6#  
54 50.7 39.0 58.4



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.821 min Scan# 1954  
Delta R.T. -0.003 min  
Lab File: BG047850.D  
Acq: 31 Dec 2020 16:12

Tgt Ion:164 Resp: 113171  
Ion Ratio Lower Upper  
164 100  
162 101.0 82.3 123.5  
160 42.1 35.3 52.9

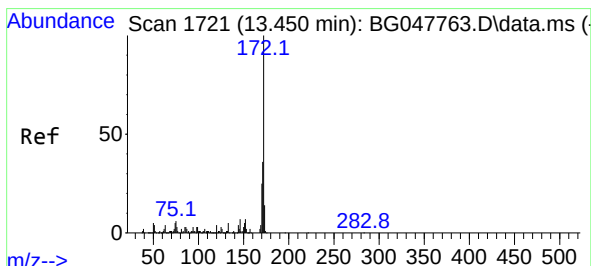
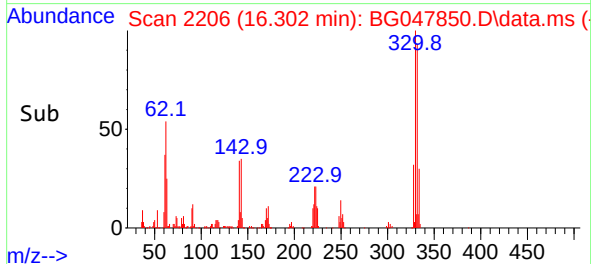
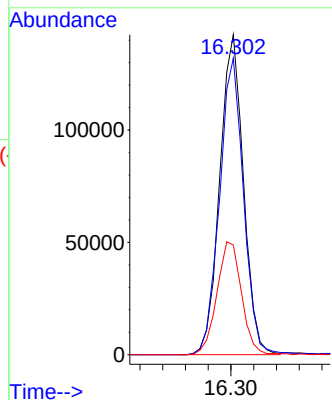
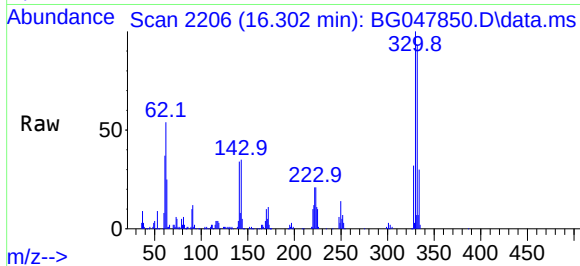




#42  
2,4,6-Tribromophenol  
Concen: 106.51 ng  
RT: 16.302 min Scan# 2206  
Delta R.T. -0.003 min  
Lab File: BG047850.D  
Acq: 31 Dec 2020 16:12

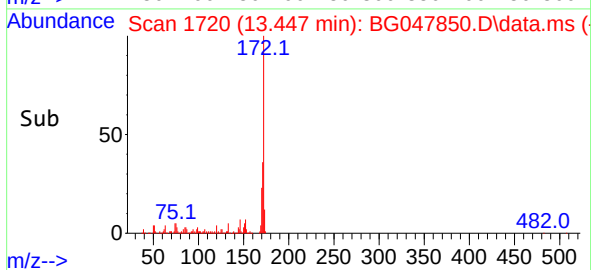
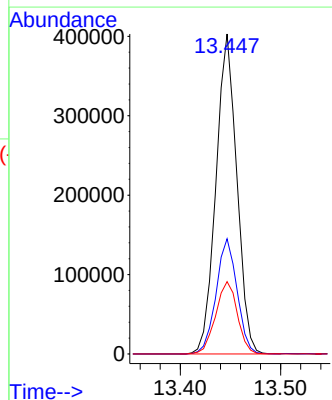
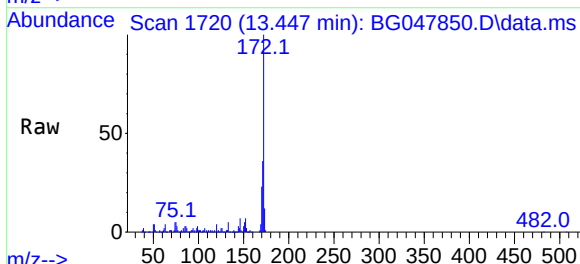
Instrument :  
BNA\_G  
ClientSampleId :  
PB133886TB

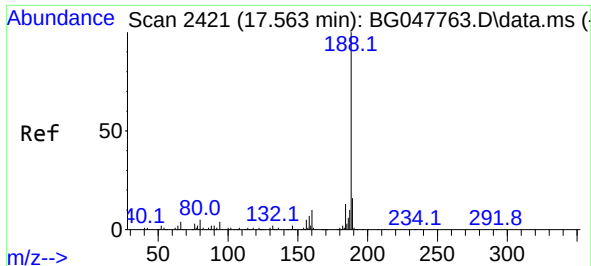
Tgt Ion:330 Resp: 205781  
Ion Ratio Lower Upper  
330 100  
332 94.4 76.5 114.7  
141 36.8 26.0 39.0



#45  
2-Fluorobiphenyl  
Concen: 66.50 ng  
RT: 13.447 min Scan# 1720  
Delta R.T. -0.003 min  
Lab File: BG047850.D  
Acq: 31 Dec 2020 16:12

Tgt Ion:172 Resp: 581578  
Ion Ratio Lower Upper  
172 100  
171 36.0 31.3 46.9  
170 22.6 20.8 31.2

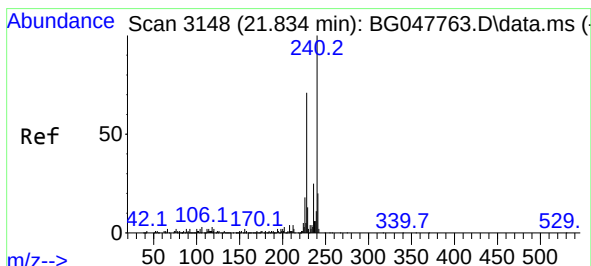
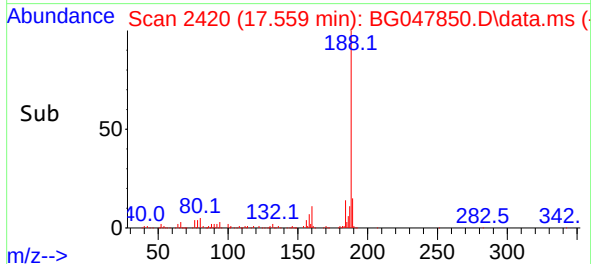
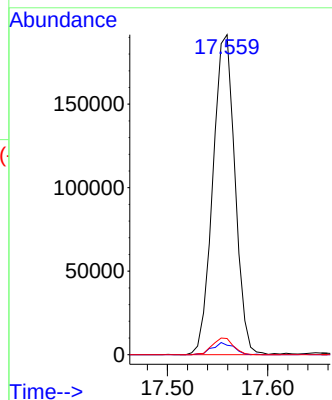
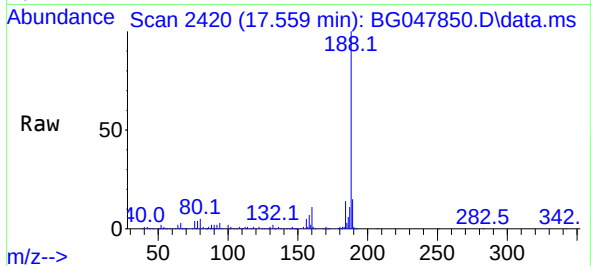




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.559 min Scan# 2420  
Delta R.T. -0.004 min  
Lab File: BG047850.D  
Acq: 31 Dec 2020 16:12

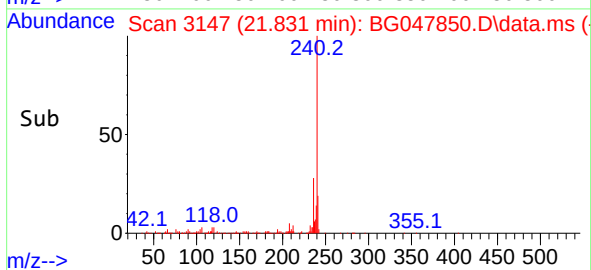
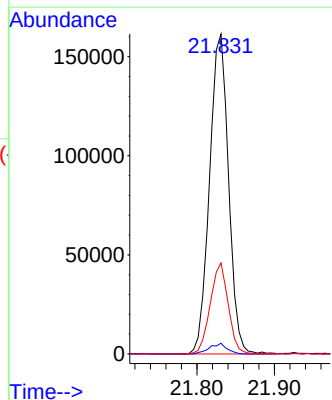
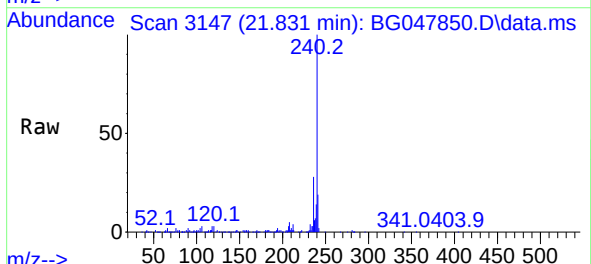
Instrument :  
BNA\_G  
ClientSampleId :  
PB133886TB

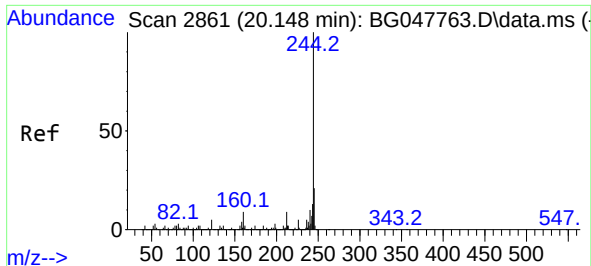
Tgt Ion:188 Resp: 292984  
Ion Ratio Lower Upper  
188 100  
94 3.0 6.3 9.5#  
80 5.0 7.0 10.6#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.831 min Scan# 3147  
Delta R.T. -0.003 min  
Lab File: BG047850.D  
Acq: 31 Dec 2020 16:12

Tgt Ion:240 Resp: 274893  
Ion Ratio Lower Upper  
240 100  
120 3.4 6.2 9.4#  
236 28.5 20.5 30.7

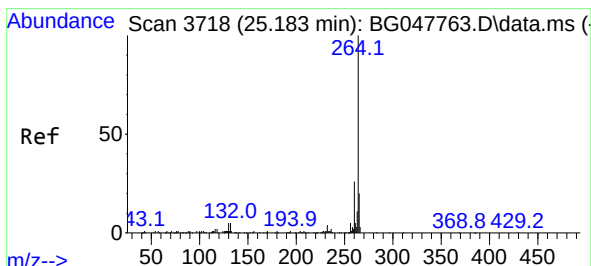
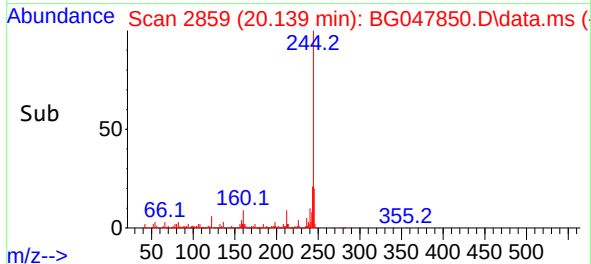
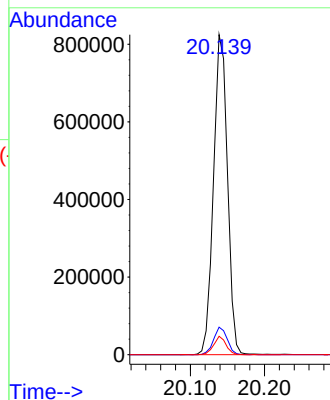
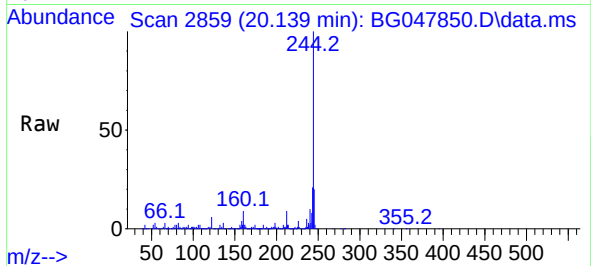




#79  
Terphenyl-d14  
Concen: 64.63 ng  
RT: 20.139 min Scan# 2859  
Delta R.T. -0.009 min  
Lab File: BG047850.D  
Acq: 31 Dec 2020 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB133886TB

Tgt Ion:244 Resp: 1078211  
Ion Ratio Lower Upper  
244 100  
212 8.6 6.7 10.1  
122 5.7 7.8 11.6#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.174 min Scan# 3716  
Delta R.T. -0.009 min  
Lab File: BG047850.D  
Acq: 31 Dec 2020 16:12

Tgt Ion:264 Resp: 268648  
Ion Ratio Lower Upper  
264 100  
260 25.4 18.8 28.2  
265 22.0 17.8 26.8

