

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111621\  
 Data File : BG051043.D  
 Acq On : 15 Nov 2021 15:51  
 Operator : CG/JU  
 Sample : PB140760BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB140760BL

Quant Time: Nov 15 16:33:27 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 15 03:55:35 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.227  | 152  | 34362    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.059 | 136  | 155488   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.854 | 164  | 110430   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.604 | 188  | 268548   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.899 | 240  | 232066   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.312 | 264  | 227511   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.765  | 112  | 328744   | 143.114 | ng    | 0.00     |
| 7) Phenol-d6                | 7.380  | 99   | 431258   | 133.014 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.402  | 82   | 291608   | 83.019  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.346 | 330  | 158683   | 143.591 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.479 | 172  | 590379   | 84.471  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.189 | 244  | 1036890  | 81.756  | ng    | 0.00     |

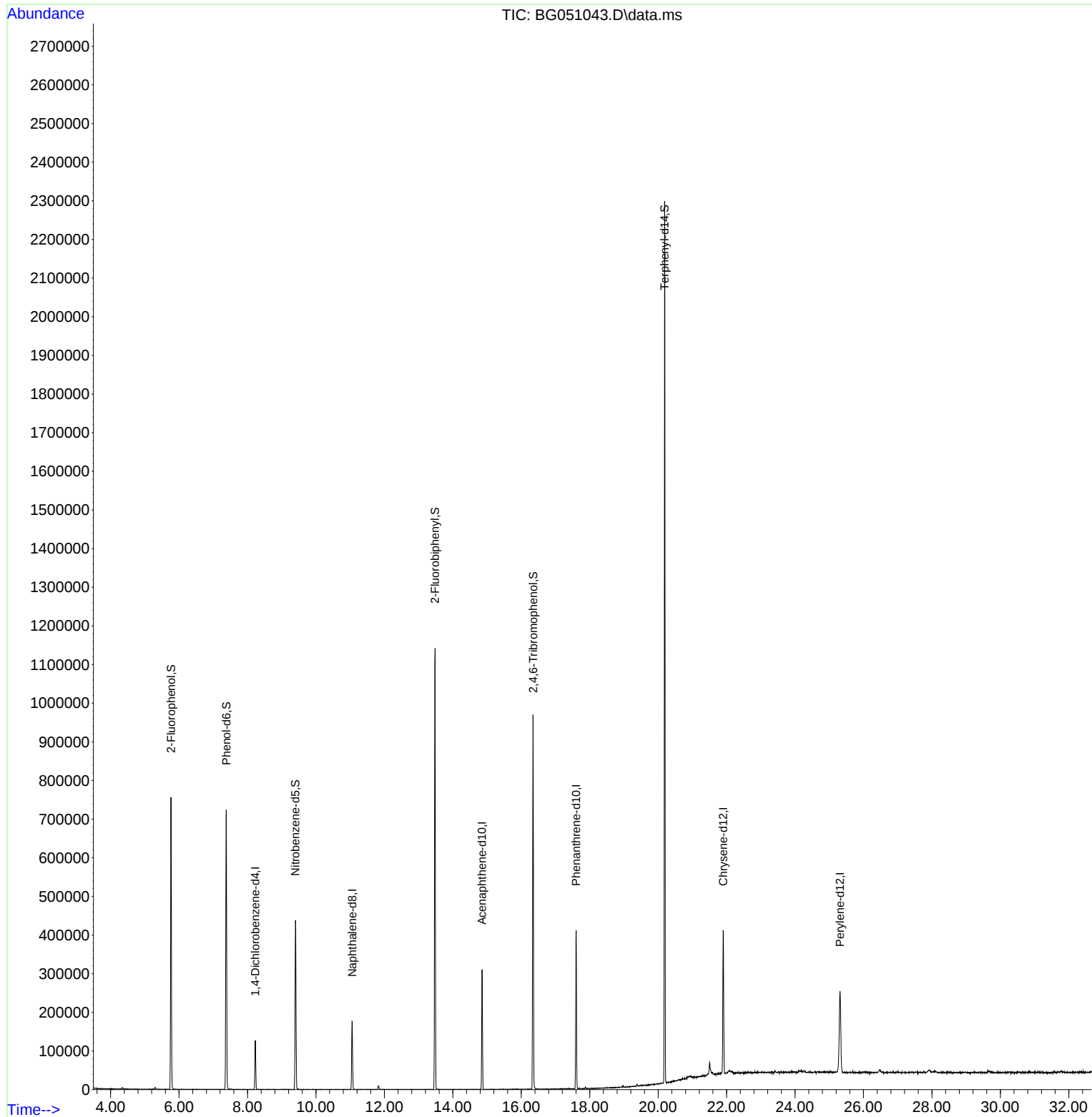
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

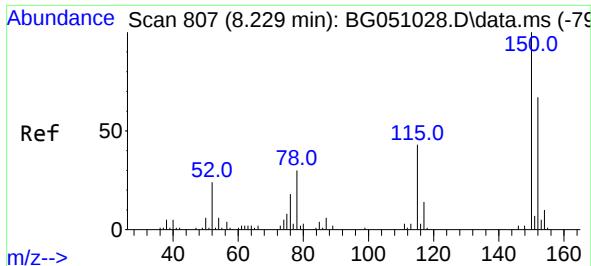
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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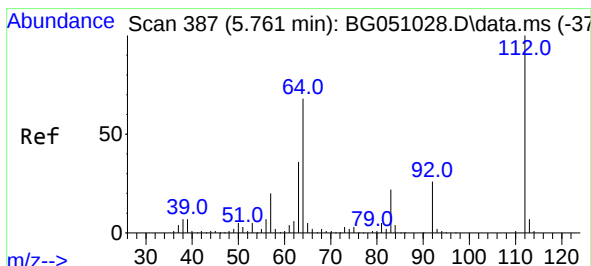
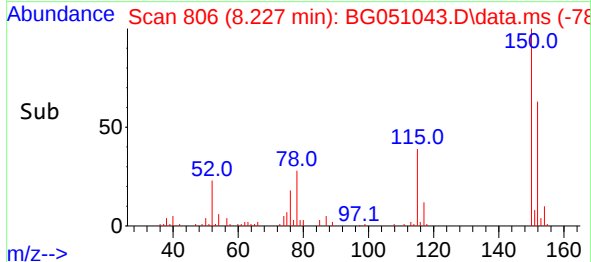
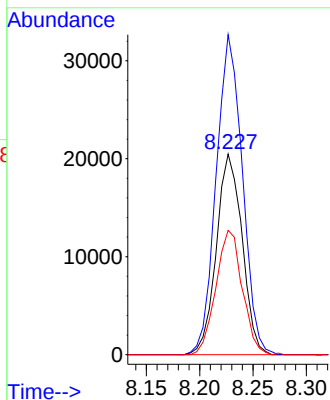
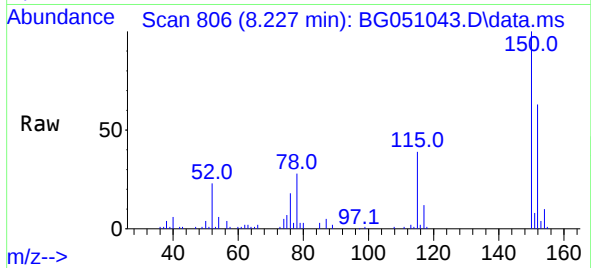




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.227 min Scan# 807  
Delta R.T. -0.002 min  
Lab File: BG051043.D  
Acq: 15 Nov 2021 15:51

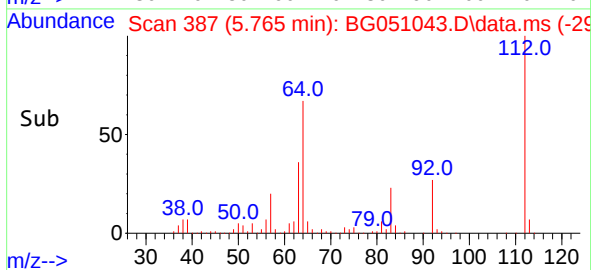
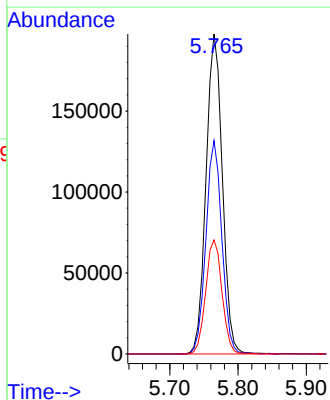
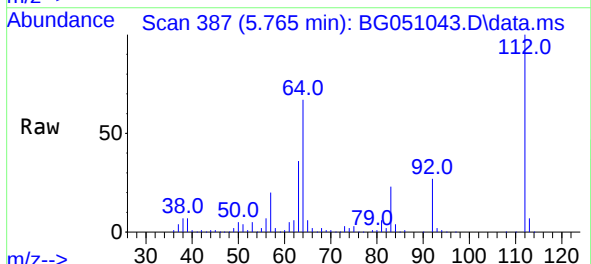
Instrument :  
BNA\_G  
ClientSampleId :  
PB140760BL

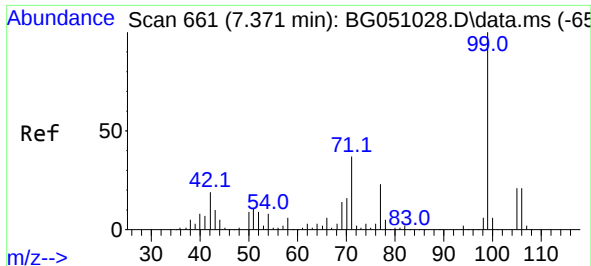
Tgt Ion:152 Resp: 34362  
Ion Ratio Lower Upper  
152 100  
150 159.4 119.4 179.0  
115 61.9 60.2 90.4



#5  
2-Fluorophenol  
Concen: 143.114 ng  
RT: 5.765 min Scan# 387  
Delta R.T. 0.004 min  
Lab File: BG051043.D  
Acq: 15 Nov 2021 15:51

Tgt Ion:112 Resp: 328744  
Ion Ratio Lower Upper  
112 100  
64 66.6 46.7 70.1  
63 35.6 35.3 52.9

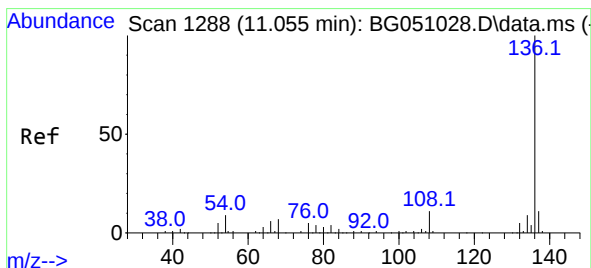
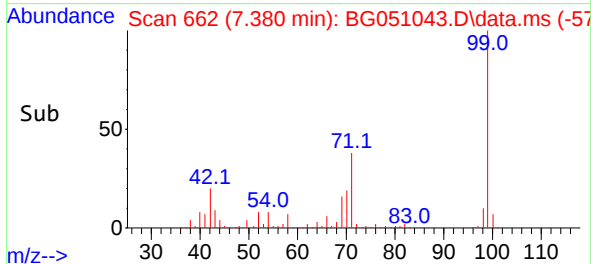
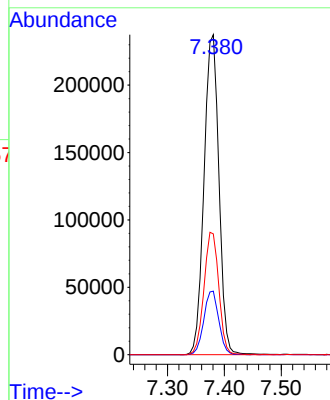
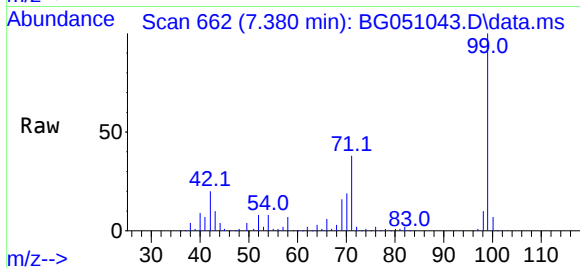




#7  
Phenol-d6  
Concen: 133.014 ng  
RT: 7.380 min Scan# 60  
Delta R.T. 0.009 min  
Lab File: BG051043.D  
Acq: 15 Nov 2021 15:51

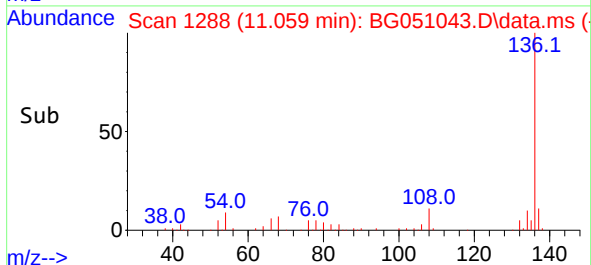
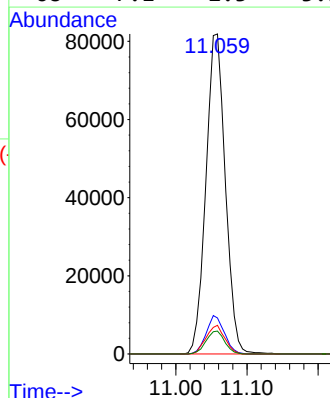
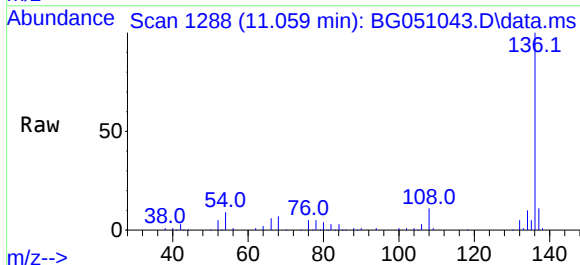
Instrument :  
BNA\_G  
ClientSampleId :  
PB140760BL

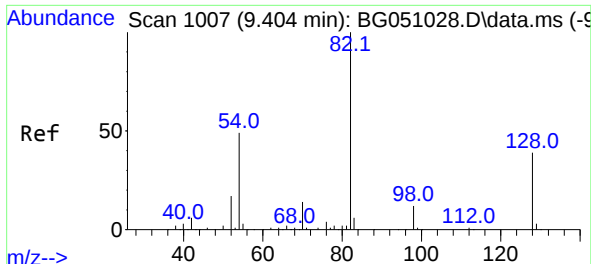
Tgt Ion: 99 Resp: 431258  
Ion Ratio Lower Upper  
99 100  
42 19.8 20.5 30.7#  
71 37.7 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.059 min Scan# 1288  
Delta R.T. 0.004 min  
Lab File: BG051043.D  
Acq: 15 Nov 2021 15:51

Tgt Ion: 136 Resp: 155488  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.2 12.2  
54 8.9 5.5 8.3#  
68 7.1 2.3 3.5#

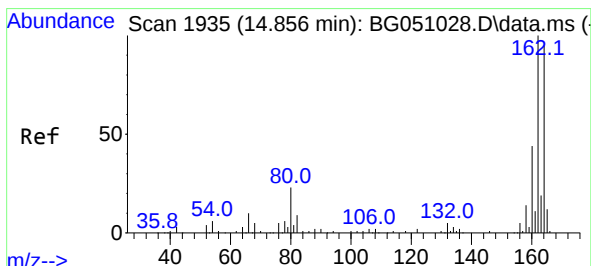
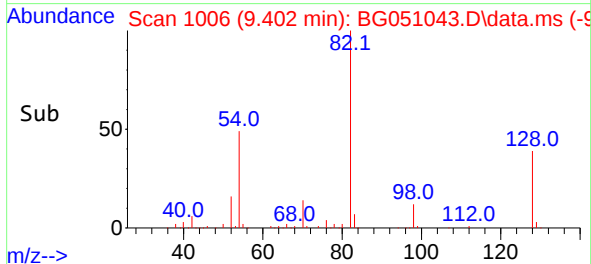
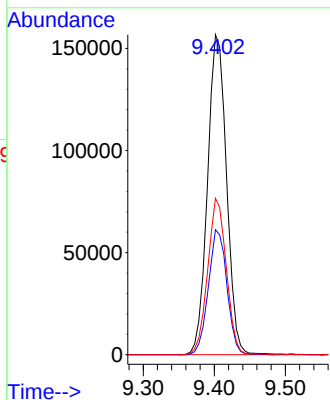
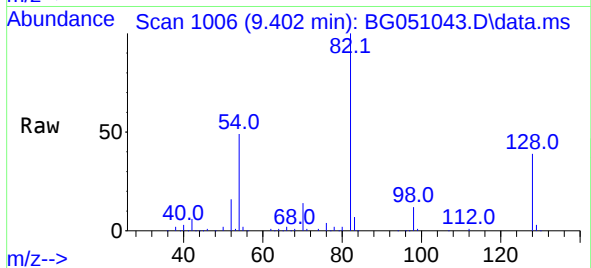




#23  
Nitrobenzene-d5  
Concen: 83.019 ng  
RT: 9.402 min Scan# 1006  
Delta R.T. -0.002 min  
Lab File: BG051043.D  
Acq: 15 Nov 2021 15:51

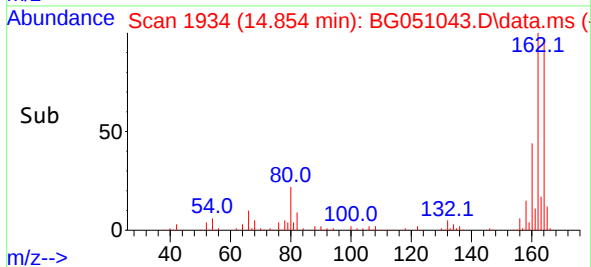
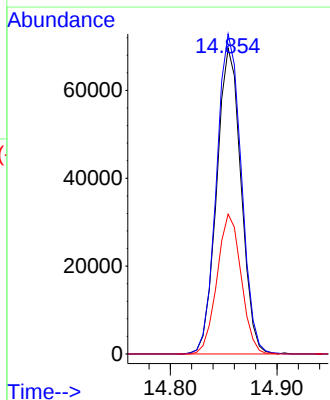
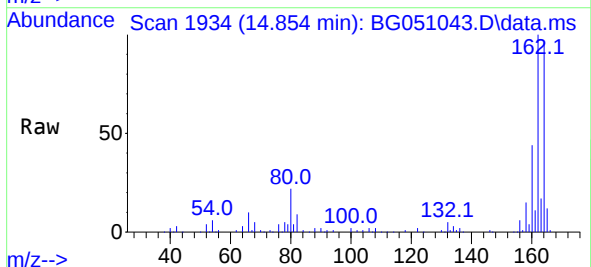
Instrument :  
BNA\_G  
ClientSampleId :  
PB140760BL

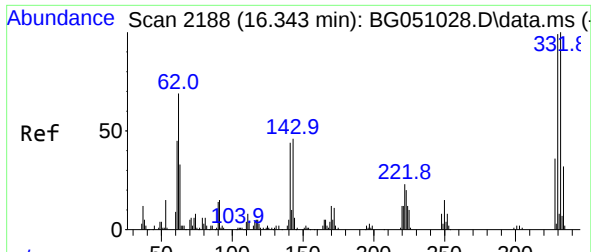
Tgt Ion: 82 Resp: 291608  
Ion Ratio Lower Upper  
82 100  
128 39.1 29.8 44.6  
54 48.8 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.854 min Scan# 1934  
Delta R.T. -0.002 min  
Lab File: BG051043.D  
Acq: 15 Nov 2021 15:51

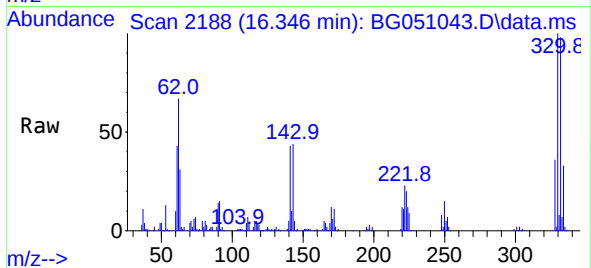
Tgt Ion:164 Resp: 110430  
Ion Ratio Lower Upper  
164 100  
162 104.7 81.4 122.0  
160 45.8 34.9 52.3



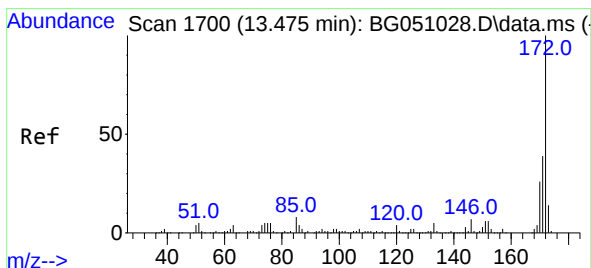
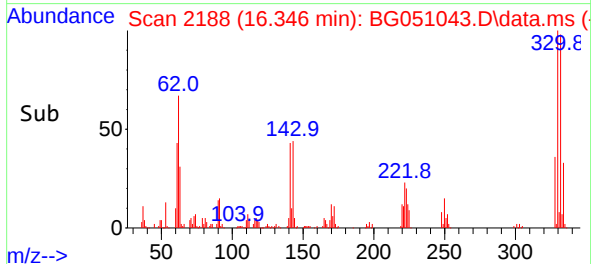
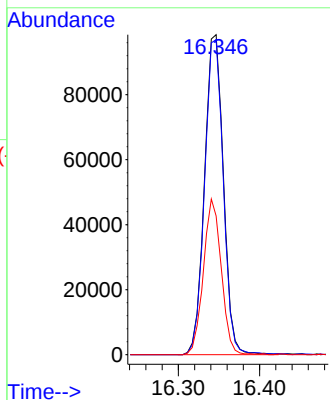


#42  
2,4,6-Tribromophenol  
Concen: 143.591 ng  
RT: 16.346 min Scan# 2188  
Delta R.T. 0.003 min  
Lab File: BG051043.D  
Acq: 15 Nov 2021 15:51

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BNA\_G  
ClientSampleId :  
PB140760BL

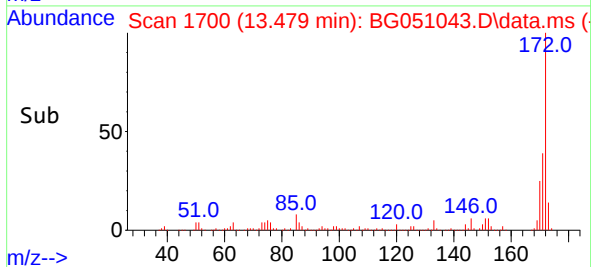
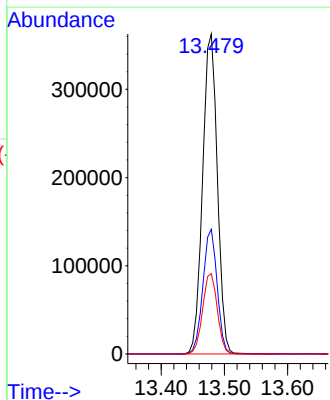
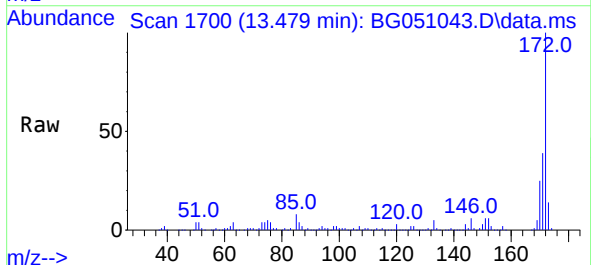


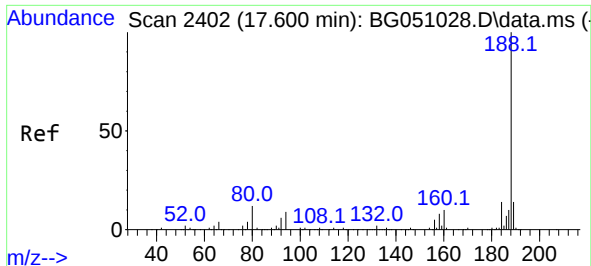
Tgt Ion:330 Resp: 158683  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.3 115.9  
141 46.1 35.6 53.4



#45  
2-Fluorobiphenyl  
Concen: 84.471 ng  
RT: 13.479 min Scan# 1700  
Delta R.T. 0.004 min  
Lab File: BG051043.D  
Acq: 15 Nov 2021 15:51

Tgt Ion:172 Resp: 590379  
Ion Ratio Lower Upper  
172 100  
171 38.9 28.6 43.0  
170 25.1 18.6 27.8

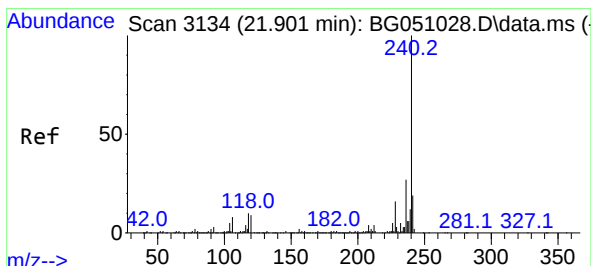
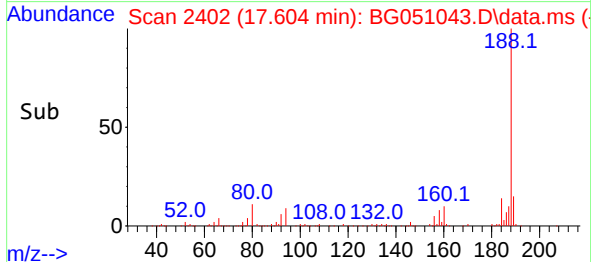
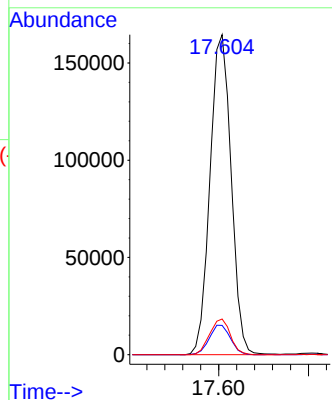
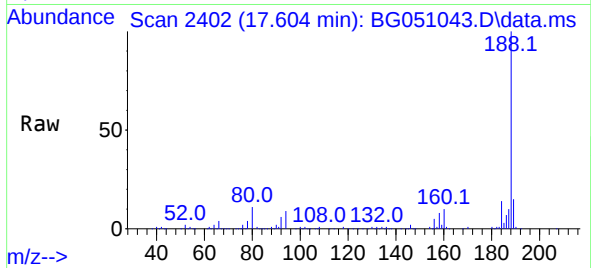




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.604 min Scan# 2402  
Delta R.T. 0.004 min  
Lab File: BG051043.D  
Acq: 15 Nov 2021 15:51

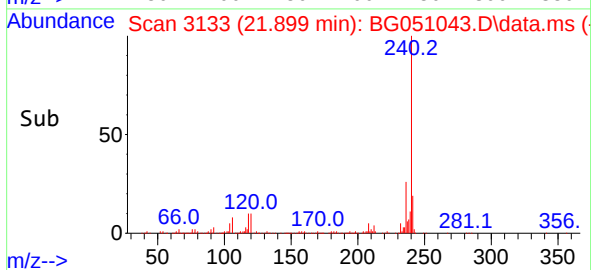
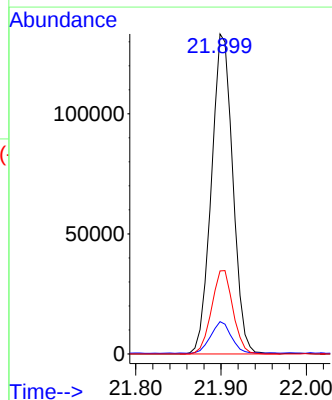
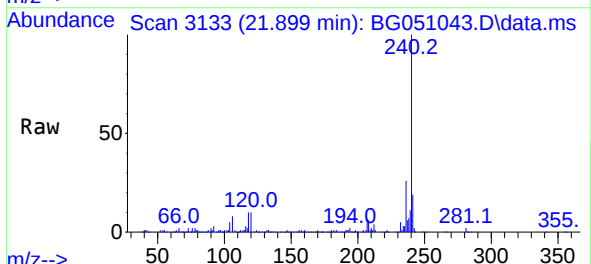
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ClientSampleId :  
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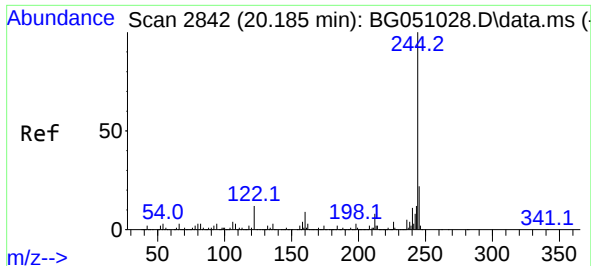
Tgt Ion:188 Resp: 268548  
Ion Ratio Lower Upper  
188 100  
94 9.1 5.4 8.0#  
80 11.2 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.899 min Scan# 3133  
Delta R.T. -0.002 min  
Lab File: BG051043.D  
Acq: 15 Nov 2021 15:51

Tgt Ion:240 Resp: 232066  
Ion Ratio Lower Upper  
240 100  
120 10.1 4.2 6.2#  
236 26.0 21.8 32.6

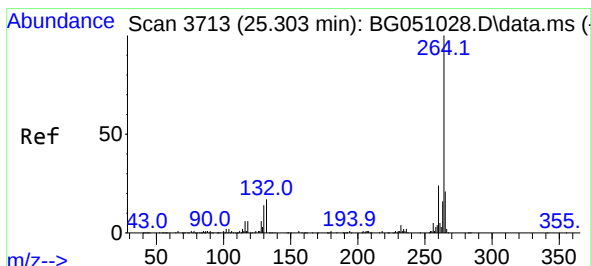
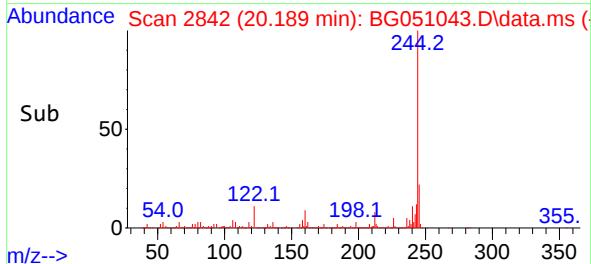
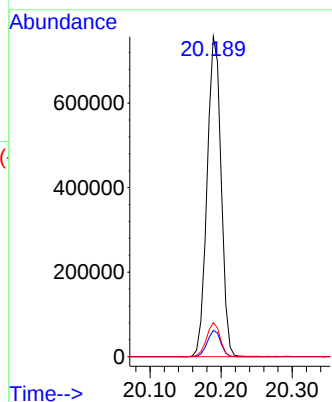
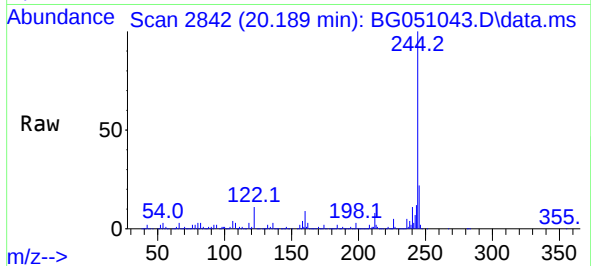




#79  
 Terphenyl-d14  
 Concen: 81.756 ng  
 RT: 20.189 min Scan# 21  
 Delta R.T. 0.004 min  
 Lab File: BG051043.D  
 Acq: 15 Nov 2021 15:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB140760BL

Tgt Ion:244 Resp: 1036890  
 Ion Ratio Lower Upper  
 244 100  
 212 8.2 6.9 10.3  
 122 10.7 5.0 7.6#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.312 min Scan# 3714  
 Delta R.T. 0.010 min  
 Lab File: BG051043.D  
 Acq: 15 Nov 2021 15:51

Tgt Ion:264 Resp: 227511  
 Ion Ratio Lower Upper  
 264 100  
 260 26.4 19.4 29.2  
 265 22.7 16.9 25.3

