

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051722\  
 Data File : BG053580.D  
 Acq On : 17 May 2022 12:24  
 Operator : CG/JU  
 Sample : PB144822BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB144822BL

Quant Time: May 18 06:07:25 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 11 06:00:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.081  | 152  | 22259    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.895 | 136  | 91643    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.707 | 164  | 81152    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.456 | 188  | 222484   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.739 | 240  | 218976   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.017 | 264  | 219641   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.649  | 112  | 186397   | 142.118 | ng    | 0.00     |
| 7) Phenol-d6                | 7.247  | 99   | 279116   | 140.224 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.244  | 82   | 194978   | 90.568  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.199 | 330  | 171350   | 143.162 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.333 | 172  | 479257   | 86.298  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.059 | 244  | 1101245  | 93.665  | ng    | 0.00     |

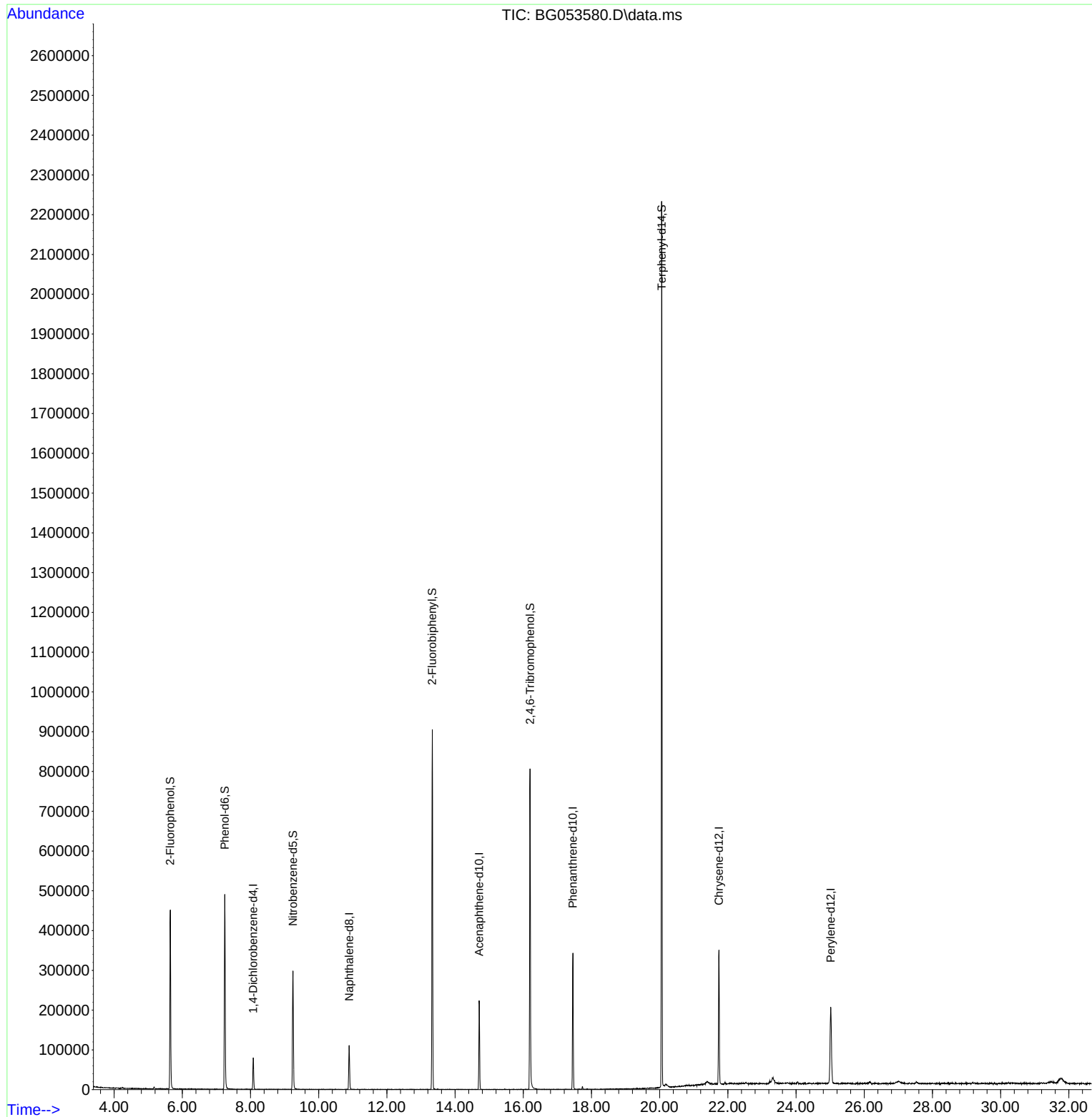
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

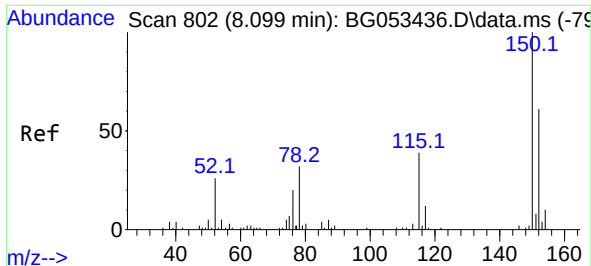
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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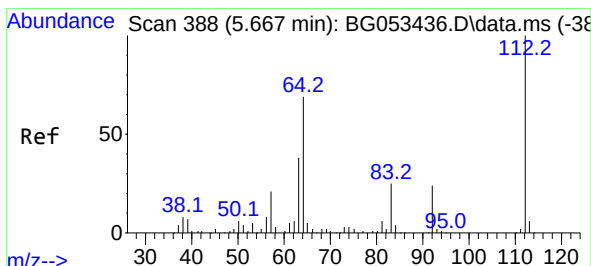
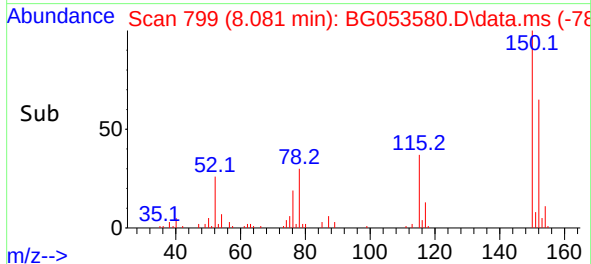
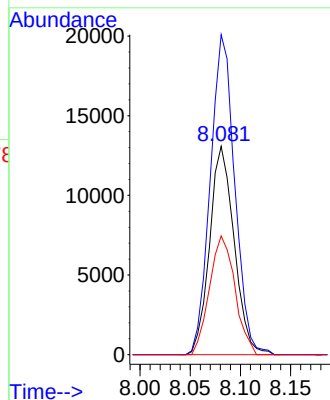
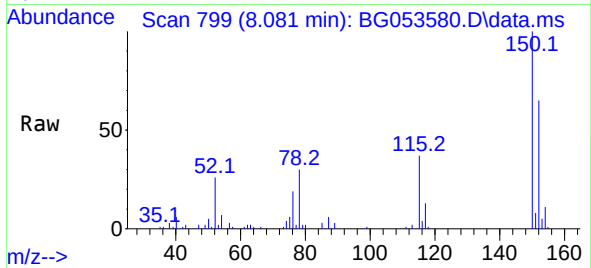




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.081 min Scan# 799  
Delta R.T. -0.008 min  
Lab File: BG053580.D  
Acq: 17 May 2022 12:24

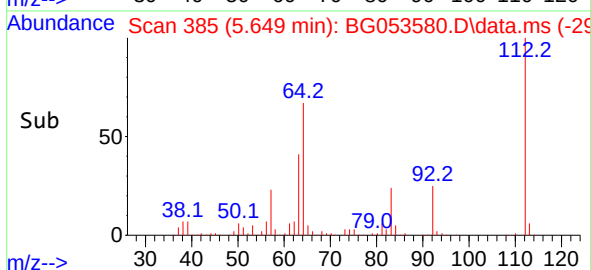
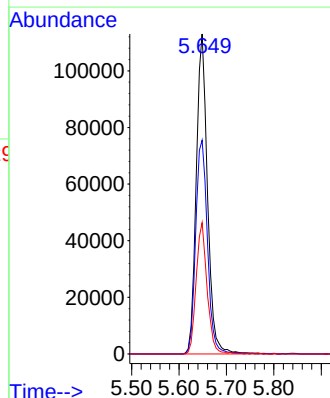
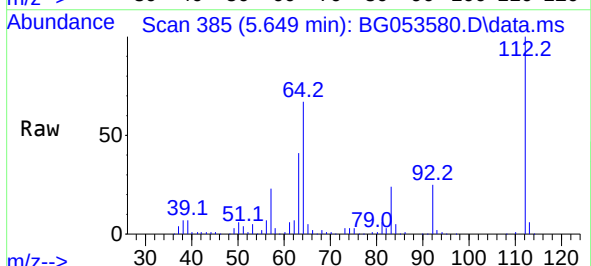
Instrument :  
BNA\_G  
ClientSampleId :  
PB144822BL

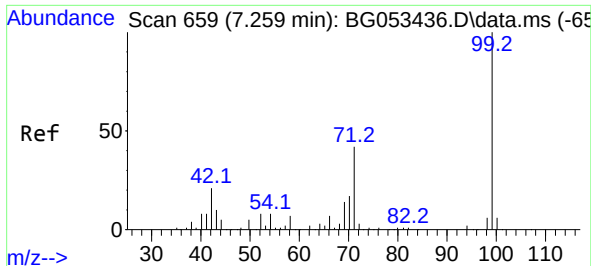
Tgt Ion:152 Resp: 22259  
Ion Ratio Lower Upper  
152 100  
150 153.6 131.6 197.4  
115 57.0 50.9 76.3



#5  
2-Fluorophenol  
Concen: 142.118 ng  
RT: 5.649 min Scan# 385  
Delta R.T. -0.003 min  
Lab File: BG053580.D  
Acq: 17 May 2022 12:24

Tgt Ion:112 Resp: 186397  
Ion Ratio Lower Upper  
112 100  
64 66.8 55.1 82.7  
63 41.1 30.4 45.6

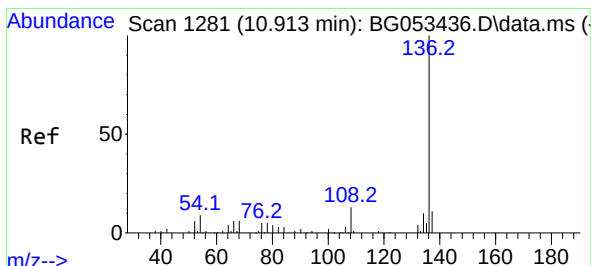
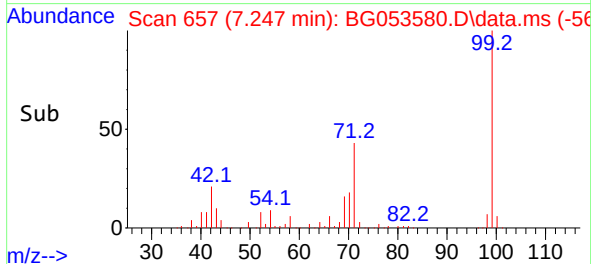
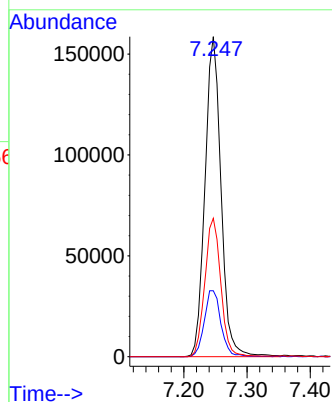
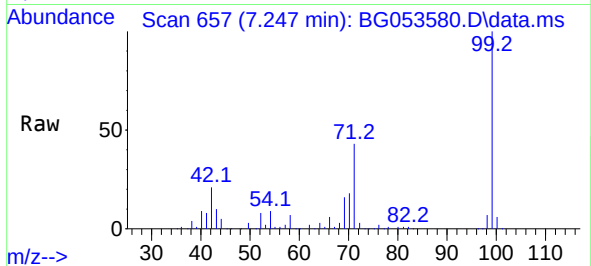




#7  
Phenol-d6  
Concen: 140.224 ng  
RT: 7.247 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BG053580.D  
Acq: 17 May 2022 12:24

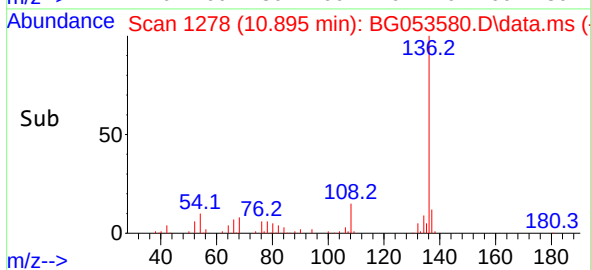
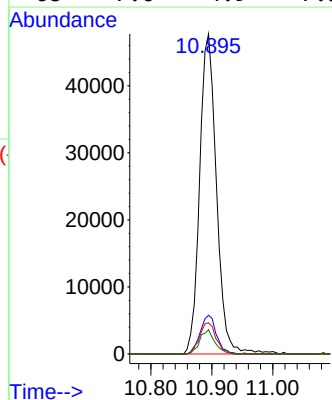
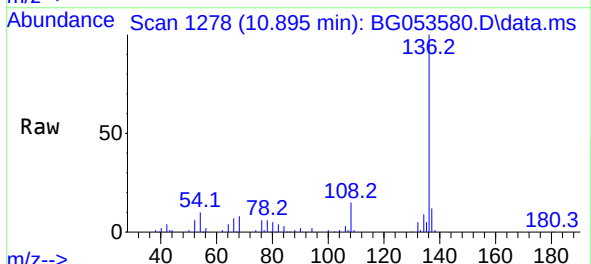
Instrument :  
BNA\_G  
ClientSampleId :  
PB144822BL

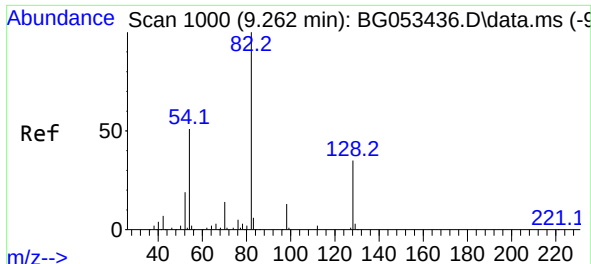
Tgt Ion: 99 Resp: 279116  
Ion Ratio Lower Upper  
99 100  
42 20.6 17.0 25.6  
71 43.2 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.895 min Scan# 1278  
Delta R.T. -0.003 min  
Lab File: BG053580.D  
Acq: 17 May 2022 12:24

Tgt Ion: 136 Resp: 91643  
Ion Ratio Lower Upper  
136 100  
137 12.1 8.5 12.7  
54 9.8 7.4 11.2  
68 7.6 4.9 7.3#

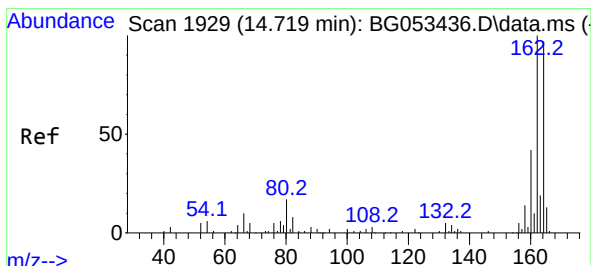
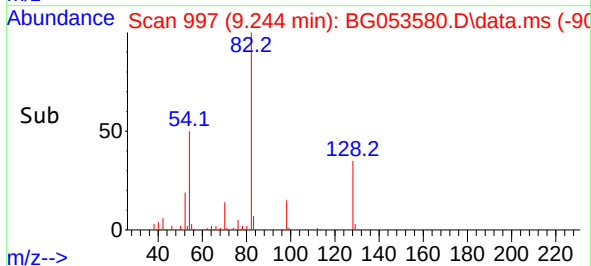
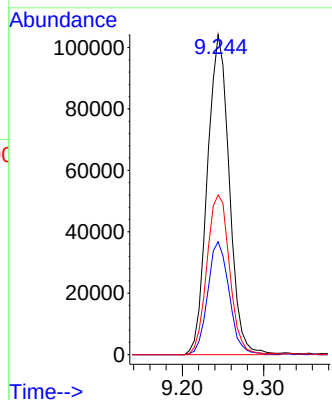
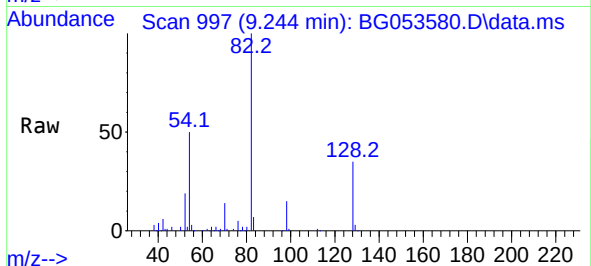




#23  
Nitrobenzene-d5  
Concen: 90.568 ng  
RT: 9.244 min Scan# 91  
Delta R.T. -0.009 min  
Lab File: BG053580.D  
Acq: 17 May 2022 12:24

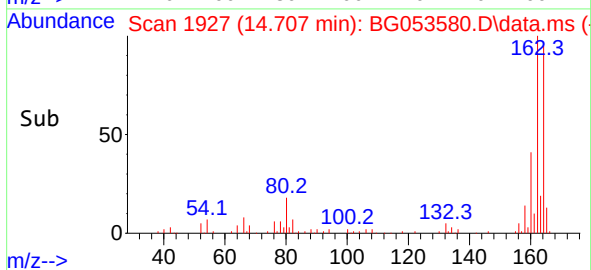
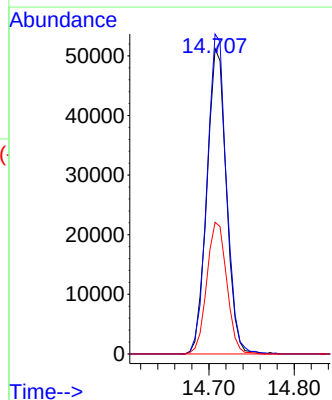
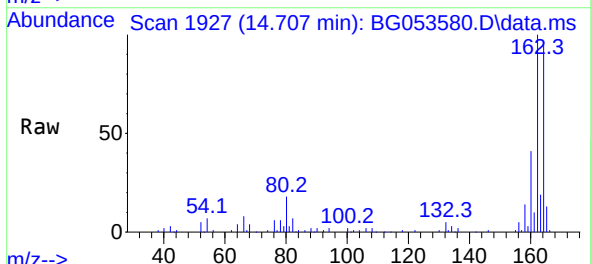
Instrument :  
BNA\_G  
ClientSampleId :  
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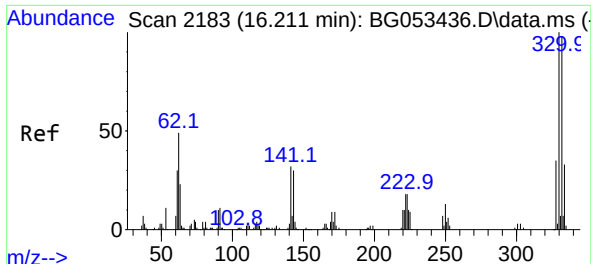
Tgt Ion: 82 Resp: 194978  
Ion Ratio Lower Upper  
82 100  
128 35.3 27.9 41.9  
54 49.9 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.707 min Scan# 1927  
Delta R.T. -0.009 min  
Lab File: BG053580.D  
Acq: 17 May 2022 12:24

Tgt Ion: 164 Resp: 81152  
Ion Ratio Lower Upper  
164 100  
162 104.8 82.3 123.5  
160 43.1 34.2 51.2

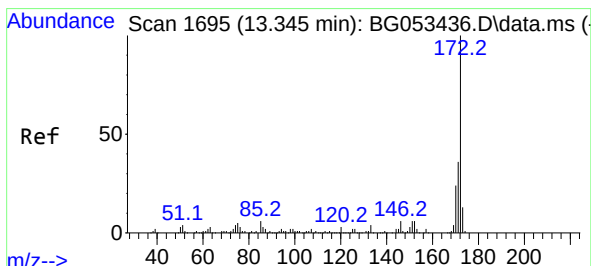
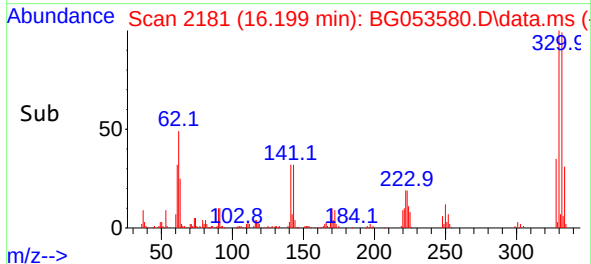
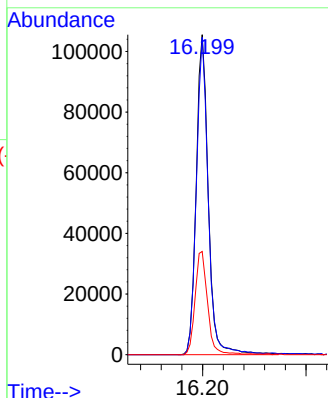
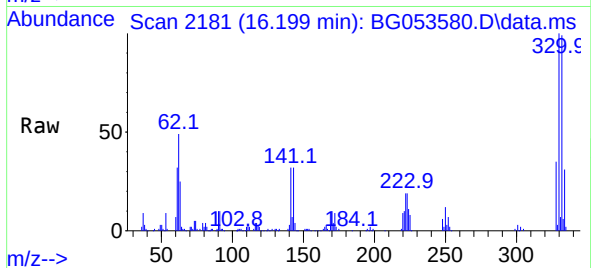




#42  
2,4,6-Tribromophenol  
Concen: 143.162 ng  
RT: 16.199 min Scan# 2183  
Delta R.T. -0.003 min  
Lab File: BG053580.D  
Acq: 17 May 2022 12:24

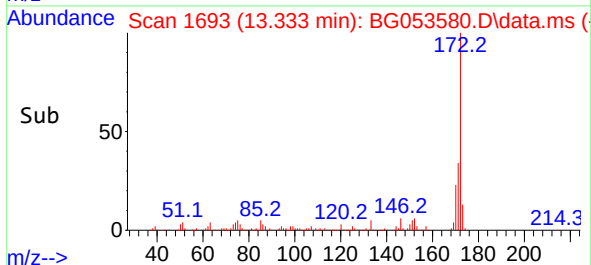
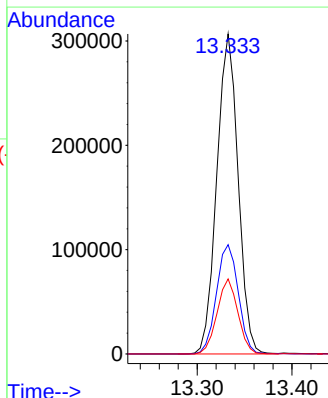
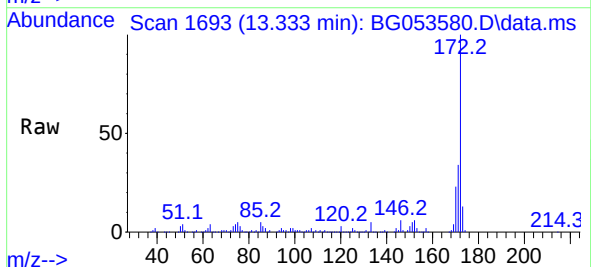
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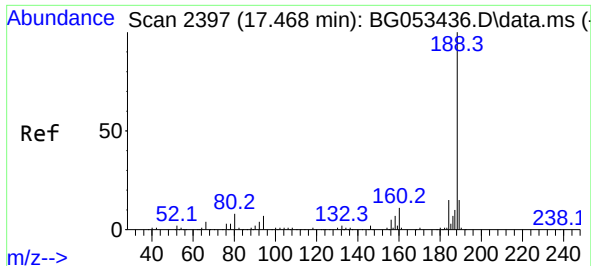
Tgt Ion:330 Resp: 171350  
Ion Ratio Lower Upper  
330 100  
332 96.9 76.0 114.0  
141 33.1 27.1 40.7



#45  
2-Fluorobiphenyl  
Concen: 86.298 ng  
RT: 13.333 min Scan# 1693  
Delta R.T. -0.003 min  
Lab File: BG053580.D  
Acq: 17 May 2022 12:24

Tgt Ion:172 Resp: 479257  
Ion Ratio Lower Upper  
172 100  
171 34.1 28.5 42.7  
170 23.4 18.9 28.3

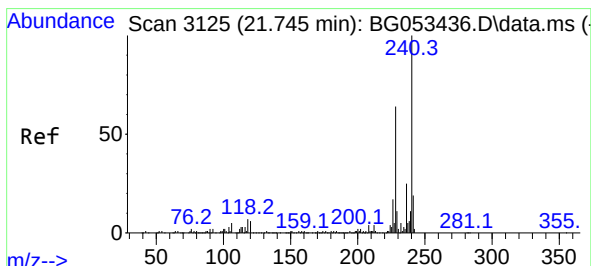
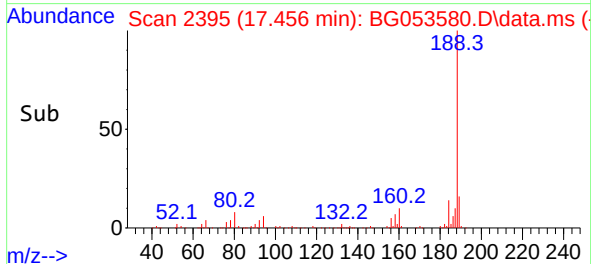
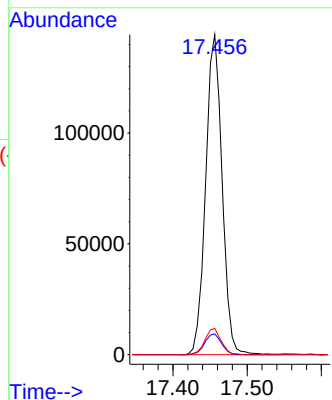
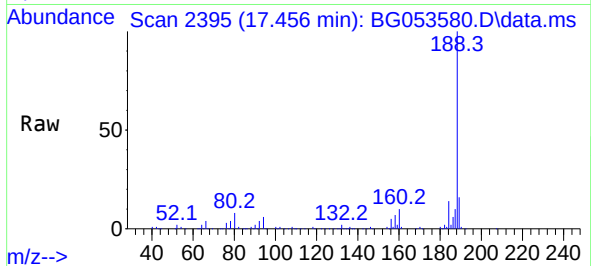




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.456 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG053580.D  
Acq: 17 May 2022 12:24

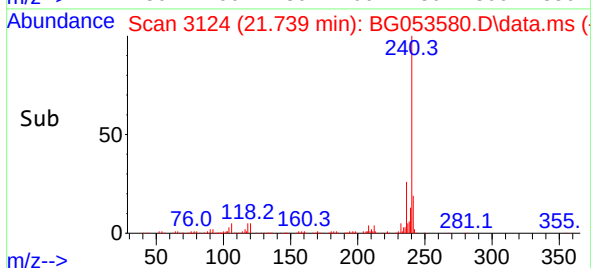
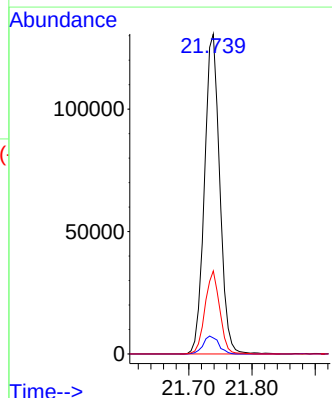
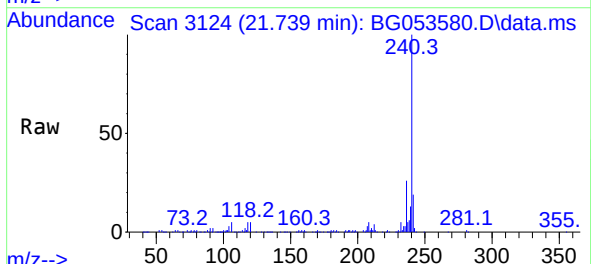
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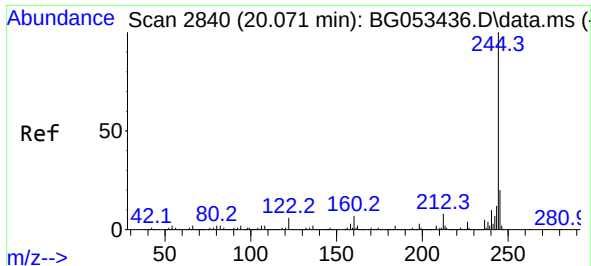
Tgt Ion:188 Resp: 222484  
Ion Ratio Lower Upper  
188 100  
94 6.5 5.4 8.0  
80 8.2 6.8 10.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.739 min Scan# 3124  
Delta R.T. -0.003 min  
Lab File: BG053580.D  
Acq: 17 May 2022 12:24

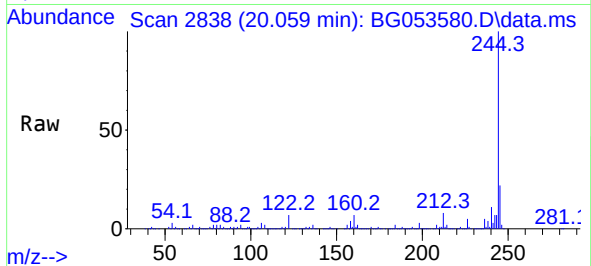
Tgt Ion:240 Resp: 218976  
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236 25.9 20.2 30.4



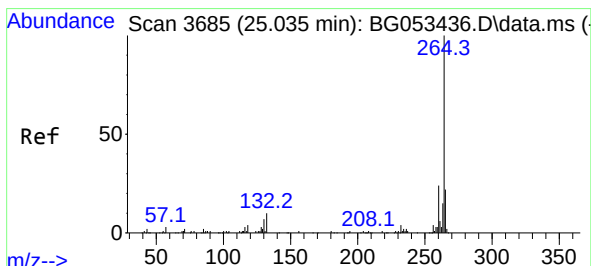
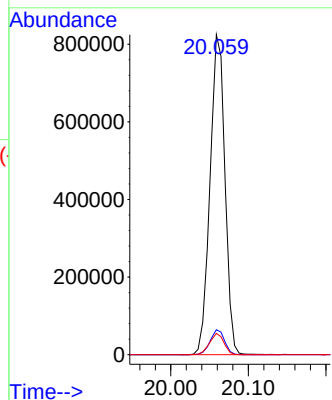


#79  
 Terphenyl-d14  
 Concen: 93.665 ng  
 RT: 20.059 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG053580.D  
 Acq: 17 May 2022 12:24

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB144822BL



Tgt Ion:244 Resp: 1101245  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.5 9.7  
 122 6.6 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.017 min Scan# 3682  
 Delta R.T. -0.003 min  
 Lab File: BG053580.D  
 Acq: 17 May 2022 12:24

Tgt Ion:264 Resp: 219641  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.0 28.6  
 265 20.4 17.4 26.2

